We keep operations running

Cromwell was started by one man almost 60 years ago. His ambition was to supply local industries with the tools they needed, when they needed them. Today, Cromwell is a global organisation and we're still delivering vital products to our customers. In 2015 we became part of the WW Grainger Inc family, and the partnership has allowed us to grow internationally.

We supply industries all over the world in categories that include hand tools, cutting tools, air tools and abrasives and many more.

With our six decades of experience as a supplier, we know quite a lot about products. That gives us a unique insight into what our customers need and the challenges they face while balancing quality and value. So, we've developed our own, exclusive brands that offer customers greater choice at fair prices.

But we offer so much more than just a wide choice of products and great customer service, we add value with expert advice. Our team of time-served engineers help customers to solve production problems, improve their operations and increase profitability.

We're more than a supplier, we're part of your team.

Get in touch

For orders and enquiries, please call **+62 21 29573960**
email **sales@cromwell.co.id** or visit **cromwell.co.id**

Follow us on

Keeping Industry Working™

Contents

A-Z Index	6
Cutting Tools	20
Abrasives	184
Air & Power Tools	210
Measuring & Test Equipment	256
Storage & Handling	290
Hand Tools	300
Fasteners & Fixings	610
Miscellaneous	685
Lubricants & Chemicals	
Janitorial & Hygiene	
Office Supplies & Packaging	
Welding	
Site Maintenance	
Personal Protection	766

Keeping Industry Working™

About us

Our purpose

Our purpose is simple: to keep operations running and people safe.

Every day, thousands of businesses around the world rely on Cromwell to deliver their products and keep their workforce safe. They know that a reliable partnership with a supplier is essential for growth and profitability. Our customers are the focus of everything we do, and they trust us to provide reputable support and contribute to their success.

Our ambition

Our goal is to be the easiest company to deal with.

To make it happen, we've made customer service our priority.

We've invested in our website, making it quicker to search the thousands of products that are available. Our colleagues in the sales and customer team have regular product updates so they can offer useful advice. We invest in technology only when it benefits our customers and makes life easy for them.

Our expertise

Practical advice from time-served engineers.

Cromwell's team of experts are on hand to support businesses and offer practical guidance to customers. From information on range and categories, to choosing the best product for an application, they are time served, qualified engineers ready to help.

Their technical support and recommendations add value to businesses and make sure operations run smoothly and safely.

We also publish a range of 'safety expert guides.' They are useful documents that explain which safety products should be used for certain applications.

Keeping Industry Working™

The Cromwell difference – keeping operations running

What we do is essential to those who create the world around us. Our products help to keep planes in the air, buildings over our heads, support medical advancements and maintain production lines for thousands of manufacturers.

We are more than just a supplier, we're a partner. We listen to our customers and deliver great service and valuable expertise, as well as a huge choice of products.

And we make it easy to do business with us too.

Great products, great quality

Excellent choice and quality of products, readily available

Reliable service

You'll get your products on time, and in full to our promise

The personal touch

Real people providing real solutions in real time

Easy to deal with

We work hard to make it easy to find and buy what you need

Expertise at hand

Specialist technical support to help you get the job done right

Huge range of products, expert technical advice, easy to deal with, that's the Cromwell promise

Keeping Industry Working™

How to find us

Cromwell operates in your region. Thousands of products and expert technical support.

Our range and services are available in 11 regions, globally.

We're open Monday – Thursday from 8:30am to 17:30pm and Friday 8:30am to 16:30pm.

We hold thousands of products in stock, ready to be despatched for next working day delivery. Call +62 21 29573960 to speak to a friendly customer services advisor.

Whatever your business needs, Cromwell will support you.

Keeping Industry Working™

Get in touch with us

For orders and enquiries, please call us on +62 21 29573960 or email sales@cromwell.co.id

Visit us

cromwell.co.id

We're here for you

Keeping Industry Working™

You can with
Kennedy.

Quality tools
by **Cromwell**®

With Kennedy tools in your hands, you can build more. You can build a reputation.

Throughout your working life, Kennedy is working to support you – with the tools you need to do the best job you can. We're there when you start your career. We're with you as you build your professional reputation. We're here to help you achieve your full potential in your industry. The work starts today.

KENNEDY®

A

Abrasives, Grinding Wheel ... 124
Absorbent Chemical-Only Pads ... 551
Oil-Only Pads ... 550, 555
Pads, Pillows, Mats ... 555
Rolls ... 550, 555
AC90® ... 542
Access Barriers ... 598
Access Platforms ... 595
Adhesive Backed Sanding Discs ... 111
Adhesive Spreaders ... 311
Adhesives, Tape ... 592 - 593
Adjustable Hook Wrenches ... 92
Spanners ... 212 - 213, 400
Spanners, Insulated ... 314, 321
Agricultural Tools ... 274
Air Hose Balancers ... 131
Preparation Equipment ... 156
Tool Accessories ... 131
Airline Couplings ... 134 - 135
Gauges ... 134
Hoses ... 131, 156
Lubricators ... 135
Aluminium Tool Cases ... 478
Aluminium-Oxide Cloth ... 110
Angle Finders ... 510
Finders, Digital ... 174
Grinders, Air ... 139 - 140
Angled Mini Die Grinders-Air ... 139
Anti-Freeze Testers ... 238
Anti-Rust Paper ... 563
Anti-Slip Floor Products ... 589
Anti-Spatter Fluids ... 543
Aprons, Carpenters ... 473
Arbors, Diamond Core Drill ... 156
Arbors, Holesaw ... 54
Asphalt Rakes ... 279
Automotive Fuses ... 233, 526
Automotive Wire Splicing Kit ... 233
Axes ... 285
Axle Stands ... 224

B

Backing Pads ... 146, 153 - 154
Bag Sealers ... 594
Bags, Laptop ... 475
Ball Joint Service Tools ... 230
Ball Pein Hammers ... 287, 398
Barn Type Tool Boxes ... 481 - 482
Barrier Chains & Posts ... 599
Barriers, Access ... 598
Portable ... 598
Tape ... 589
Base Fixturing Components ... 197
Baseball Caps ... 603
Bases, Magnetic ... 176 - 178
Basin Wrenches ... 465
Bath, Plasterers ... 245
Battery Testers ... 233
Bearing Separators ... 227
Belt Sanders, Air ... 145
Bench Drills ... 151
Grinders ... 151
Hooks ... 506
Magnifiers ... 167
Benches, Work ... 190
Bevel Protractors ... 169
Bevels, Carpenters ... 510
Bi-Metal Holesaws ... 54 - 55
Binoculars ... 168
Bins, Wheelie ... 557
Bits, Flat ... 509
Blacksmiths Drills ... 38
Blade Fuses ... 233, 526
Blades, Hacksaw ... 53
Knife ... 327, 332 - 334
Tile Saw ... 53
Blow Guns, Air ... 132
Body Saw Blades ... 143
Bodywork Tools ... 215 - 216, 224, 238
Bolt Cutters ... 469
Bonnets, Polishing ... 146, 155
Boots, Safety ... 641
Bore Gauges, Dial Indicating ... 163, 166
Boring Bars, Indexable ... 74 - 76
Bossing Mallets ... 350
Bottle Jacks ... 224
Bottle Oilers ... 345
Box Spanners ... 402
Boxes, Storage ... 188
Bradawls ... 508
Brake Tools ... 216, 234 - 236
Bricklaying Tools ... 239, 242, 246
Brooms ... 571
Brushes, Artists ... 306
Car Wash ... 571
Decarbonising ... 159, 232, 237
Decorators ... 304, 307, 570
Fitch ... 307
Hand ... 306 - 307, 571
Laminating ... 306
Paint ... 305, 570
Radiator ... 307
Sash ... 306

Slimline ... 569
Tar ... 570
Tube ... 159, 569
Buckets ... 245
Buffing Pads ... 155
Builders Trowels ... 246
Burrs, Carbide ... 116 - 120
Burrs, Diamond Coated ... 120
Butane & Propane Gas Equipment ... 254 - 255
Butt Welded Turning Tools ... 24
Button Head, Socket Screws ... 520

C

Cabinet Scrapers ... 507
Cabinets & Work Benches ... 190
Cabinets, Key ... 490, 562
Cable Glands ... 527
Strippers ... 252 - 253, 337
Tie Tools ... 251
Ties ... 251
Tools, Insulated ... 321 - 322
Caliper Attachments ... 172
Calipers, Dial ... 170 - 171
Digital ... 173
Firm Joint ... 258
Spring ... 258
Vernier ... 172
Cantilever Tool Boxes ... 481 - 482
Cap Screws, Socket Head ... 520
Car Care Products ... 571
Car Creepers ... 221
Carpenters Aprons ... 473
Carpenters Pincers ... 366
Carton & Strapping ... 327, 335
Carton Openers ... 335
Cartridge Roll Mandrels ... 115
Rolls ... 115
Rolls, Abrasive ... 115
Castors, Wheel ... 574
Centre Drill Sets ... 44, 88
Drills ... 29, 39, 88, 95
Finders ... 266
Punches ... 263
Centres, Revolving ... 208
Centres, Solid ... 208
Chain & Drive Lubricants ... 540 - 541
Barrier ... 599
Pin Extractors ... 457
Wrenches ... 447
Chalk Lines ... 509
Chemical-Only Absorbent Pads ... 551
Chisels, Cold ... 239 - 240, 242, 398
Power Tool ... 157
Wood ... 507 - 508
C-Hook Spanners ... 401, 416
Chuck Jaws, Lathe ... 380
Chucks, Keyless, Drill ... 137
Chucks, Pin ... 270
Circlips ... 521
Circuit Testers ... 233, 252, 318
Clamp Meters ... 257
Clamps, Corner/Frame ... 342, 506
G ... 340
Hose ... 236
Quick Grip ... 342
Sash ... 342
Speed ... 341, 368, 370
T Handled ... 341
Toggle ... 198 - 203
Toolmakers ... 270
Claw Hammers ... 287, 291
Cleaners, Degreasing ... 539
Electrical ... 539
Foaming ... 559
Rapid Drying ... 539
Clevis Pins ... 522
Clips, Hose ... 530
Clips, Spire ... 528
Club Hammers ... 289 - 290
CNC Tool Storage ... 92
Coil Spring Compressors ... 230
Cold Chisels ... 239 - 240, 242, 398
Collets for Air Grinders ... 140, 142
Combination Pliers ... 359, 371
Sets ... 169, 510
Spanners ... 404, 407, 446
Component Protection ... 537
Compression Tester ... 217
Connectors ... 135
Containment Storage ... 545 - 547, 557
Continuity Testers ... 233
Contour Gauges ... 311
Contractors Tools ... 273, 275 - 280, 570
Converters, Square Drive ... 416, 422, 428, 430
Coolant Hoses ... 207
Cooling System Tester ... 217
Copper Hammers ... 294 - 296, 298
Copper Washers ... 528
Copper/Rawhide Hammers ... 294 - 295
Corner Clamps ... 342, 506
Corrosion Protection ... 540, 594
Cotter Pins ... 522
Counter Measure ... 260
Counterbores, HSS ... 29
Counters, Hand Tally ... 165
Countersinks ... 26 - 28

Couplings, Airline ... 134 - 135
Coveralls, Workwear ... 636
Cranes ... 574
Creepers, Car & Garage ... 221
Crimping Tools ... 247 - 250, 252
Cross Pein Hammers ... 292
Crowbars ... 241
Crowfoot Wrenches ... 413
Cut-Off Wheels ... 123, 460
Cutters, Fibre Optic ... 312
  Pipe ... 460 - 461
  Side ... 252, 361 - 362
  Wire ... 362
Cutting Compounds ... 542
Cutting Discs ... 123, 460

D

Data/Reference Books ... 646
Dead Blow Hammers ... 290, 295
Deburrer, Pipe ... 461
Deburring Tools ... 119
Deburring Tools, Hand ... 77 - 80, 119
Decarbonising Brushes ... 159, 232, 237
Decorators Brushes ... 304, 307, 570
Degreasers ... 539
Depth Gauges, Digital ... 175
  Gauges, Scale ... 261
  Micrometers ... 182
Descaler & Hammer Accessories ... 144
Descalers & Hammers, Air ... 144
Desoldering Tools ... 255
Detectors, Voltage ... 257
Dewatering Fluids ... 542
Dial Calipers ... 170 - 171
  Indicating, Bore Gauges ... 163, 166
  Test Indicators, Lever type ... 163
  Test Indicators, Plunger Type ... 162
Diamond Hand Files ... 52
Diamond Wheel Dressers ... 209
Die & Mould Cutters ... 99 - 100
  & Tap Sets ... 65
  Grinders, Air ... 140 - 142
  Nuts, Metric Fine ... 66
  Stocks ... 268
Diemakers Riffler Files ... 49
Dies & Die Nuts, HSS ... 64, 66
Dies, Metric Coarse ... 66
Digital Calipers ... 173
Digital Indicators ... 173 - 174
Dispensers, Tape ... 590, 594
Dispensing Bottles ... 345
Disposable Knives ... 332
Dividers, Spring ... 258
Dollies, Panel Beating ... 214
Door & Gate Furniture ... 583
Double Sided Tapes ... 591, 594
Dowels, Steel ... 522
Drain Rods ... 457 - 458
Drainer, Oil ... 347
Dressers Wheel, Diamond ... 209
Dressers Wheel, Huntington ... 209
Drill & Tap Sets, HSS ... 30
  Drifts ... 208
  Gauges ... 261
  Press Vices ... 204, 206
  Sets, Maintenance ... 44
  Sleeves, Morse Taper ... 208
Drills, Air ... 137 - 138
    Bench ... 151
    Blacksmiths ... 38
    Carbide, Spotting ... 95
    Centre ... 29, 39, 88, 95
    Extra Length ... 40
    Hand ... 507
    HSS-Co, Micro Precision ... 44
    Jobber ... 30, 33 - 35, 40 - 41, 44, 86 - 87, 94 - 95
    Jobber, HSS, Slow Spiral ... 44
    Long Series ... 36, 40, 43
    Long Series Parabolic Flute ... 87
    Masonry Bits ... 56
    Pillar ... 151
    SDS-Plus Bits ... 56
    Sheet & Tube ... 25
    Spotting ... 38, 88
    Stub ... 94
    Taper Shank ... 37
Drip Trays, Oil ... 346
Drop Head Threaders ... 463
Drum Taps ... 346
Drum Trucks ... 346
Duct Tape ... 589, 591, 593

E

Ear Defenders ... 605
  Plug Dispensers ... 605
  Plugs ... 605
Easyline Markers ... 544
E-Clips ... 521
Edge Finders ... 266
Ejector Springs, Holesaw ... 54
Elbow Joint Stand ... 177
Electrical - Terminals ... 247 - 248
Electrical Cleaner Sprays ... 539
End Mills ... 96 - 99
Endmills, Carbide, High Helix ... 56
Engine Tools, Specialist ... 232, 237 - 238

Engineers Hand Files 45 - 47
Hooks & Picks 269
Marking Blue 544
Scrapers 270
Squares 258
Vices 205 - 206, 466
Environment Meters 164, 256
Euro Nesting Bins 188
Exhaust Mount Pull Hook 238
Explorer Cases 475
Extension Bars, Square Drive 417, 419, 425, 430 - 431, 448
Extra Length Drills 40
Extractor Sockets, Square Drive 429
Extractors, Screw 59
Eye Loupes, Magnifying 167, 267
Eye Protection 611 - 612

F

Face Shields, Welders 613
Feeler Gauges 262
Feeler Stock 271
Felt Bobs, Cones & Sticks 126
Fencing 284
Fencing Mauls 278
Fencing Tool 278, 366
Fibre Optic Cutters 312
Vice Jaws 466
Washers 527
File Handles 48, 301
Files, Diamond 52
Diemakers Riffler 49
Engineers Hand 45 - 47
Milled Tooth 50
Needle 48 - 49
Thread Restoring 24, 65
Filling Knives 302
Finders, Centre 266
Finders, Edge 266
Firm Joint Calipers 258
Fitch Brushes 307
Fixings, Frame 527
Fixit Kits 520 - 528
Fixturing Components 197
Flame Retardant Workwear 613
Flap Discs, Abrasive 121
Flap Wheels, Abrasives 122, 124
Flared Nut Ring Spanners 415
Flaring Tools, Pipe 462
Flat Bits 509
Flawfinders 541
Floats 245
Floodlights 536
Floor Matting 576 - 577
Floor Scrapers 280
Fluteless Taps 62, 102
Foam Cleaner Sprays 559
Folding Trolleys 596
Foot Pumps 134, 232
Force Feed Oil Cans 345
Forks, Garden 272
Fount Sets 378
Frame Clamps 342, 506
Frame Fixings 527
Fuel Containers 231
Pump Testers 235
Transfer Pumps 344
Funnels 343
Fuses, Automotive 233, 526

G

Galvanising Paint 540
Garage Creepers 221
Garden Hose Fittings 282 - 283
Refuse Bags 284
Sprayers 281 - 282
Waste Bags 284
Gardening Tools, Hand 272 - 275
Gas Regulators, Welding 564
Gas Welding & Cutting 564
Gauges, Air Pressure 134
Contour 311
Depth 261
Drill 261
Feeler 262
Height, Dial & Digital 170
Hole 265
Marking 509
Mortice 509
Radius 261
Screw 261
Surface 269
Taper Bore 260
Telescopic 265
Thickness 170
Wire 261
Gauntlets, Welders 625
G-Clamps 340
General Purpose Saws 505
Gloves, Abrasion Resistant 620, 623
Chemical Resistant 624
Cut Resistant 618 - 622
Disposable 629
General Handling 623, 627 - 628
Goatskin 627

Mechanics ... 622 - 624
Nitrile ... 622, 629
Rigger ... 626 - 628
Tear Resistant ... 620, 623
Thermal Protection ... 625
Welders Gauntlets ... 625
Goggles, Safety ... 612
Grease Guns ... 345, 347 - 348
Nipples ... 349
Pumps ... 344 - 345, 347
Grinding Discs ... 123
Grip Wrenches ... 366 - 370
Grommets ... 527
Grout Removers ... 311
Gummed Tape ... 594
Gun-nose Taps ... 61, 101 - 103

H

Hacking Knives ... 303
Hacksaw Blades ... 53
Hacksaw Frames ... 338 - 339
HALO® ... 603, 605, 610 - 611, 618 - 622, 624 - 627, 629, 636, 641
Hammer & Descaler Accessories ... 144
Shafts ... 300
Wedges ... 300
Hammers & Descalers, Air ... 144
Hammers, Aluminium ... 294, 296, 298
Ball Pein ... 287, 398
Brick ... 292
Claw ... 287, 291
Club ... 289 - 290
Copper ... 294 - 296, 298
Copper/Rawhide ... 294 - 295
Cross Pein ... 292
Dead Blow ... 290, 295
Machinist ... 288
Magnetic ... 292
Nylon Faced ... 293 - 294, 297
Planishing ... 287 - 288
Plastic Faced ... 293 - 298
Rawhide ... 294, 298
Rubber ... 297
Sledge ... 290, 398
Welders Chipping ... 288
Hand Deburring Tools ... 77 - 80, 119
Drills ... 507
Files, Diamond ... 52
Files, Engineers ... 45 - 47
Files, Milled Tooth ... 50
Files, Needle ... 48 - 49
Magnifiers ... 167
Pads, Abrasive ... 113, 125
Stamps ... 377 - 378
Tally Counters ... 165
Taps ... 60 - 63
Taps, Left Hand ... 63
Handles, File ... 48, 301
Handles, Torque ... 356
Harnesses, Safety ... 603
Hasps ... 583, 585
Hazard Marking Tapes ... 589
Head Torches ... 568
Hearing Protection ... 605
Heat Guns ... 152
Guns, Electric ... 152
Sealers ... 594
Shrink Tubing ... 247
Height Gauges, Dial & Digital ... 170
Helicoil Inserts ... 529
Helmets, Welders ... 613
Hexagon Wrenches ... 511 - 515
Hi-Visibility Fencing ... 284
Hoes ... 273 - 275
Holdalls ... 475 - 476
Holdfasts, Magnetic ... 353
Hole Gauges ... 265
Holesaw Arbors ... 54
Holesaw Ejector Springs ... 54
Holesaws, Bi-Metal ... 54 - 55
Hollow Punches ... 265
Hones, Cylinder ... 219
Hook Wrenches ... 416
Hook Wrenches, Adjustable ... 92
Hook-n-Loop Discs ... 154
Hooks & Picks, Engineers ... 269
Hose Clamps ... 236
Clip Pliers ... 235 - 236
Clips ... 530
Hoses, Airline ... 131, 156
Coolant ... 207
Hydraulic ... 349
Water ... 131, 283
Hot Dip Coatings ... 537
HSS Drills, Jobber Length, Slow Spiral ... 44
Huntington Wheel Dressers ... 209
Hydraulic Hoses ... 349
Presses ... 218
Pullers ... 225, 229
Ram ... 218
Hygrometers ... 164

I

Ice Breaker ... 280
Impact Wrenches, Air ... 148 - 150
Indexable Milling Cutters ... 81, 90 - 91
Milling Inserts ... 81
Turning Inserts ... 82 - 85
Indicators, Digital ... 173 - 174
Injector Removal Set ... 238
Inspection Lamps ... 567
Inspection Mirrors ... 267
Insulated Tools ... 314 - 323, 359, 385, 388
Insulation Tapes ... 593
Internal Micrometers, Tubular ... 182
Irons, Soldering ... 254 - 255

J

Jacks, Bottle ... 224
Scissor ... 224
Transmission ... 225
Trolley ... 222 - 223
Jerry Cans ... 231, 343
Jobber Drills ... 30, 33 - 35, 40 - 41, 44, 86 - 87, 94 - 95
Jobber Drills, HSS, Slow Spiral ... 44

K

Ken-Grip® ... 418, 421, 427, 433, 436, 439
Key Blanks. Safe ... 490, 562
Cabinets ... 490, 562
Rings ... 562
Steel ... 192
Keyless Drill Chucks ... 137
Kick Stools ... 561
Knee Pads ... 630
Knife Blades ... 327, 332 - 334
knives ... 327 - 329, 334
Knives, Craft ... 332, 334
Disposable ... 332
Filling ... 302
Hacking ... 303
Linoleum ... 304
Palette ... 304
Pocket ... 333 - 334
Precision ... 332, 334
Putty ... 303, 400
Shoe ... 304
Snap Off ... 330 - 331
Trimming ... 327 - 329, 333, 336
Utility ... 328, 335 - 336
Kobe® ... 145, 152
Kraft Paper ... 563

L

Ladders, Aluminium ... 573
Aluminium ... 573
Step ... 573
Laminating Brushes ... 306
Lamps, Inspection ... 567
Laptop Bags ... 475
Laser Levels ... 243
Lathe Carriers ... 204
Lathe Chuck Jaws ... 380
Laundry Trolleys ... 596
Lawn Edgers ... 273
Lazy Tong Riveters ... 380
Lenses, Welding ... 613
Levels, Digital ... 174
Laser ... 243
Spirit ... 243 - 244
Lever Action Riveters ... 381
Pumps ... 344
Type Dial Test Indicators ... 163
Lifting Equipment ... 222 - 224
Lifting Suction Cups ... 216
Lighting Products ... 567
Line Marking Paints ... 544
Line Pins ... 246
Linen Trolleys ... 596
Linoleum Knives ... 304
Liquid Measures ... 343
Lock Washers ... 527
Locking Tapes ... 324
Lockout & Tagout Systems ... 490, 582, 584, 586 - 587
Long Arm Riveters ... 380
Long Measuring Tapes ... 324 - 325
Lo-Tac Tapes ... 592
Louvre Panels Storage Systems ... 188 - 189
Louvred Panel Bin Kits ... 188
Lubricants, Chain & Drive ... 540 - 541
General Purpose ... 542 - 543
Specialist ... 542
Lubricators, Airline ... 135

M

Machine Taps ... 101 - 103
Machine Vices ... 204, 206
Machinists Spirit Levels ... 183
Mag-Drill Cutters ... 157
Magnetic Bases ... 176 - 178
Cable Guides ... 251
Chuck Blocks ... 184
Hammers ... 292
Holdfasts ... 353
Pick-Up Tools ... 351 - 352

Screw Holders ... 392 - 393
Trays ... 352, 491
Magnets ... 353
Magnifiers, Bench ... 167
Eye Loupes ... 167, 267
Pocket/Hand ... 167
Mains Testers ... 252, 318
Maintenance Drill Sets ... 44
Maintenance Spill Kit ... 554, 557 - 558
Mallets ... 289, 293, 295
Markers, Ink ... 544
Markers, Metal ... 544
Marking Gauges ... 509
Masking Tapes ... 591
Masonry Drill Bits ... 56
Materials Handling ... 596
Matting, Safety ... 576 - 577
Mauls, Fencing ... 278
Maxi Fuses ... 233, 526
Measuring Jugs ... 343
Measuring Wheels, Road ... 325
Mechanical Pullers ... 227 - 228
Mechanical Stroke Counters ... 165
Mechanics Stethoscope ... 221
Mechanics Tools ... 214, 216, 226, 235
Metal Markers ... 544
Meter Keys ... 464
Meters, Humidity ... 164, 256
Meters, Thermometers ... 164
Micro Precision, HSS-Co, Drills ... 44
Micrometer Heads ... 182
Micrometer Stands ... 181
Micrometers, Depth ... 182
External ... 179 - 180
External, Digital ... 175, 180
External, Interchangeable Anvils ... 181
External, Point ... 181
Internal, Digital ... 181
Internal, Tubular ... 182
Milled Tooth Hand Files ... 50
Milling Cutter Sets ... 100
Cutters, Indexable ... 81, 90 - 91
Cutters, Multi-Tooth ... 157
Inserts ... 81
Mini Clips ... 530
Mirrors, Inspection ... 267
Mitre Blocks & Boxes ... 506
Mixers, Paint & Plaster ... 245
Morse Taper Drill Sleeves ... 208
Mortice Gauges ... 509
Mounted Points ... 127 - 128
Multi-Angle Vices ... 255
Multi-Function Tools ... 374
Multimeters ... 256
Multipliers, Torque ... 356
Multi-Tools & Engravers ... 152
Multi-Tooth, Milling Cutters ... 157

N

Nail Pouches ... 473
Nail Punches ... 263
Needle Hand Files ... 48 - 49
Needle Scalers, Air ... 144
Nibbler & Shear Accessories ... 143
Nibblers & Shears, Air ... 143
Nibblers, Sheet Metal ... 468
Nippers, Diagonal Cutting ... 319, 371 - 373, 375
End Cutting ... 361
Miniature ... 364, 374
Nipples, Grease ... 349
Nitrile Gloves ... 622, 629
Nitto Kohki® ... 139, 144 - 145
Non-Sparking Safety Tools ... 394 - 400
(Not Indexed) ... 80, 139, 144 - 145, 206, 217, 404, 410, 447, 466, 481, 491, 510
Number Punches ... 377
Nut Spinners ... 355
Nut Splitters ... 225
Nuts, Hexagon ... 521, 525
Nylon ... 521, 523
Rivet ... 522
Rivet Inserters ... 381
Nylon Faced Hammers ... 293 - 294, 297

O

O Rings ... 538
O-Clip Pincers ... 366
O-Clips ... 530
Office Accessories ... 561
Offset Handles, Square Drive ... 426, 430
Offset Pipe Wrenches ... 464
Oil Cans ... 345
Drainer ... 347
Drip Trays ... 346
Filter Removers ... 226, 447
Measures ... 343
Spill Control ... 545, 547 - 555, 557 - 558
Oilers, Bottles ... 345
Oils, Multi Purpose ... 542
Oilstones ... 129 - 130, 474
Oleonix® ... 559
Open Ended Spanners ... 314, 401, 403, 412 - 413
Optical Equipment ... 183
Orbital Sanders, Air ... 146
Orbital Sanders, Electric ... 146

O-Ring Fasteners ... 527
Overalls ... 636
Overshoes ... 636
Oversleeves ... 620, 636

P

Padlocks ... 490, 578 - 585
Padsaws ... 338, 505
Paint & Plaster Mixers ... 245
- Brushes ... 305, 570
- Kettles ... 307, 309
- Pads ... 308
- Rollers ... 308 - 310

Paints, Cold Galvanising ... 540
Palette Knives ... 304
Pallet Trucks ... 596
Panel Beating Tools ... 214
Paper, Wrapping ... 563
Parallels, Steel ... 185
Parts Storage ... 470 - 471
PCL® ... 132, 134 - 135
P-Clips ... 522
Pedestal Drills ... 151
Penetrating Fluids ... 542 - 543
Pens, Marker ... 544
Petrol Cans ... 231
Pick Axes ... 279
Picks & Hooks, Engineers ... 269
Pick-Up Tools ... 269
Pick-Up Tools, Magnetic ... 351 - 352
Pillar Drills ... 151
Pin Chucks ... 270
- Punches ... 240, 263 - 264
- Spanners ... 142, 416, 447
- Vices ... 270

Pincers, Carpenters ... 366
Pincers, O-Clip ... 366
Pins, Clevis ... 522
Pipe Bending Tools ... 459
- Crimpers ... 462
- Cutters ... 460 - 461
- Deburrers ... 461
- Flaring Tools ... 462
- Vices ... 463
- Wrenches ... 400, 457, 464 - 465

Piston Ring Compressors ... 220
Planishing Hammers ... 287 - 288
Plaster & Paint Mixers ... 245
Plasterers Bath ... 245
Plasterers Trowels ... 245
Plastering Tools ... 245, 284
Plastic Faced Hammers ... 293 - 298
Plastic Tool Boxes ... 480
Platform Trolleys ... 596 - 597
Pliers, Balance Weight ... 373
- Circlip ... 365, 375
- Combination ... 359, 371
- Crimping ... 248 - 250
- Diagonal Cutting ... 319, 371 - 373, 375
- Electronics ... 364
- End Cutting ... 361
- Fencing ... 278, 366
- Flat Nose ... 371
- Glow Plug ... 237
- Hose Clip ... 235 - 236
- Insulated ... 320 - 321, 359, 503
- Linesmans ... 320, 359, 375
- Locking ... 366 - 370
- Long Nose ... 360, 371
- Micro Nippers ... 364, 374
- Miniature ... 364, 374
- Oil Filter ... 226
- Piston Ring ... 220
- Revolving Punch ... 366
- Sets ... 320, 374 - 376
- Sheet Metal ... 375 - 376
- Snipe Nose ... 319, 360, 372
- Tile Cutting ... 311, 373
- Toggle ... 203
- Water Pump ... 363
- Water Pump ... 321, 363
- Wire Stripping ... 252 - 253, 320, 337, 362
- Wire Twisting ... 366

Plumb Bobs ... 246
Plunger Type, Dial Test Indicators ... 162
Pneumatic Fittings ... 134 - 135
Pocket Knives ... 333 - 334
Pocket Magnifiers ... 167
Podger Spanners ... 402
Polishers, Air ... 146
Polishing Bonnets ... 146, 155
- Compounds ... 126
- Rolls ... 125

Pop Rivets ... 522, 527
Pouches, Nail ... 472 - 473
Power Tool Accessories ... 155
- Chisels ... 157
- Tidy ... 479

Precision Knives ... 332, 334
Presses, Hydraulic ... 218
Propane & Butane Gas Equipment ... 254 - 255
Protective Sleeving ... 588
Pro-Torq® Pliers ... 319 - 320, 360 - 363, 371 - 372, 375
Pro-Torq® Screwdrivers ... 382, 516
Protractors, Bevel ... 169
Protractors, Digital ... 174

Pry Bars ... 240 - 241
PTFE Tapes ... 592
Pullers, Hydraulic ... 225, 229
Pullers, Mechanical ... 215, 227 - 228
Pumps, Grease ... 344 - 345, 347
Lever ... 344
Oil & Fuel ... 344
Rotary ... 344
Syphon ... 344
Water ... 152
Punches, Centre ... 263
Hole ... 378, 462
Hollow ... 265
Nail ... 263
Pin ... 240, 263 - 264
Taper ... 264
Punners ... 280
Push-On Fasteners ... 527 - 528
Push/Pull Tapes ... 325
Putty Knives ... 303, 400

Q

Q-Torq® ... 354 - 356
Qualfast® ... 525
Quick Grip Clamps ... 342

R

Racking, Industrial ... 191
Radius Gauges ... 261
Rafters Squares ... 510
Rakes, Asphalt ... 279
Rakes, Garden ... 274 - 275
Ram, Hydraulic ... 218
Ratchet Handles, Square Drive ... 397, 417, 419, 423 - 424
Spanners ... 402, 407, 409 - 410
Wrenches, Square Drive ... 417, 419, 423 - 424, 430 - 431
Rawhide Hammers ... 294, 298
Reamers ... 57 - 58
Reference/Data Books ... 646
Refractometers ... 183
Refuse Sacks ... 284, 547
Repair Kit, Auto Body ... 215
Ratchets ... 419, 423 - 424, 430
Threads ... 529
Reusable Barrier Systems ... 598
Revolving Centres ... 208
Revolving Punch Pliers ... 366
Riddle, Wire Mesh ... 273
Riffler, Diemakers Files ... 49
Rigger Gloves ... 626 - 628
Ring Spanners ... 314, 401 - 402, 409 - 410
Rivet Nut Inserters ... 381
Rivet Nuts ... 522
Riveters, Air ... 145
Lazy Tong ... 380
Long Arm ... 380
Riveting Tools ... 380 - 381
Rivets, Pop ... 522, 527
Road Measuring Wheels ... 325
Rods, Drain ... 457 - 458
Roller Cabinet Spares ... 490
Roller Cabinets ... 483 - 490, 496
Rollers, Paint ... 308 - 310
Ropes, Towing ... 231
Rotary Pumps ... 344
Rubber Hammers ... 297
Rucksacks ... 476
Rule, Counter ... 260
Rules, Steel ... 259 - 260
Rust Paper ... 563
Rust Preventatives ... 540, 594

S

Sack Trucks ... 596 - 597
Safe Key Blanks ... 490, 562
Safety Boots ... 641
Eyewear ... 611 - 612
Matting ... 576 - 577
Sanders, Air ... 146
Sanders, Orbital, Electric ... 146
Sanding Bands ... 113
Belts ... 112
Discs ... 111, 114, 124
Drum Holders ... 113
Sheets ... 110
Sponges ... 110
Sticks ... 112
Sash Clamps ... 342
Sash Tools ... 306
Saw Blades, Tile ... 53
Saw Horse ... 506
Sawing & Drilling Lubricants; Tapping & Drilling Lubricants; Drilling & Tapping Lubricants ... 542
Saws, Air ... 143
Drywall ... 505
Flush Cutting ... 505
General Purpose ... 505
Gents ... 505
Hand ... 338, 505
Pad ... 338, 505
Plasterboard ... 505
Tenon ... 505
Scaffolding Spanners ... 402
Scissor Jacks ... 224
Scissors ... 304, 312

Scissors, Household ... 312
Scraper Blades ... 302, 336
Scrapers ... 280, 302 - 303, 311, 400, 507
Scrapers, Cabinet ... 507
Engineers ... 270
Floor ... 280
Window ... 303
Screw Drills, Carbide ... 93
Extractors ... 59
Fixings ... 526
Gauges ... 261
Holders Magnetic ... 392 - 393
Screwdriver Bit Handles ... 391
Screwdriver Bits ... 391 - 393
Screwdrivers, Air ... 137 - 138, 147
Hand ... 318, 382 - 391
Impact ... 393
Insulated ... 318, 320, 385, 388, 503
Offset ... 391
Precision ... 389 - 390
Ratchet ... 391, 418
Torque ... 354
Screws, Hex Head Set ... 523
Machine ... 524, 527
Self Tapping ... 524, 526
Socket Head Button ... 520
Socket Head Cap ... 520
Socket Head Countersunk ... 520, 523 - 524
Socket Set ... 522 - 524
Wood ... 524, 526
Scribers ... 269
SDS-Plus Hammer Drill Bits ... 56
Seal Puller Tools ... 238
Sealant Guns ... 538
Sealants ... 592
Seam Rollers ... 304
Secondary Containment Storage ... 545 - 547, 557
Self Tapping Screws ... 524, 526
Separators, Ball Joint ... 230
Separators, Chain ... 457
Service Cases ... 471, 475, 477 - 478
Service Keys ... 464
Service, Trolleys ... 595
Sets, Centre Drill ... 44, 88
Shavehooks ... 303
Shear & Nibbler Accessories ... 143
Shears & Nibblers, Air ... 143
Shears & Snips ... 252, 467 - 468
Sheet & Tube Drills ... 25
Metal Nibblers ... 468
Metal Tools ... 350, 468
Shelves, Storage ... 191
Shoe Knives ... 304
Shovels ... 273, 275 - 277, 279, 400
Shovels, Snow ... 280
SIP® ... 151
Site Lights ... 536
Sitesafe® ... 627 - 628
Sledge Hammers ... 290, 398
Sleeving, Protective ... 588
Sliding Bevels ... 510
Slogging Spanners ... 401
Slot Drills ... 89, 96 - 98
Snap Off Knives & Blades ... 330 - 331
Snipe Nose Pliers ... 319, 360, 372
Snips & Shears ... 252, 467 - 468
Snips, Metal Cutting ... 467 - 468
Snow Shovels ... 280
Socket Accessories, Hand ... 419, 422, 424
Button Head, Screws ... 520
Head, Cap Screws ... 520
Rails & Clips ... 432
Screws, Button Head ... 520
Screws, Cap Head ... 520
Screws, Countersunk Head ... 520, 523 - 524
Set Cases ... 437
Set Screws ... 522 - 524
Sets ... 433 - 445
Sets, Impact ... 449, 452, 454, 456
Sockets & Accessories, Go-Through ... 407
Impact, Square Drive ... 396, 440, 448 - 456
Square Drive ... 416 - 431, 452
Square Drive, Insulated ... 315, 322
Soldering Tools ... 254 - 255
Solid Centres ... 208
Solvents ... 539
Spades, Garden ... 272
Spanners, Adjustable ... 212 - 213, 400
Adjustable, Insulated ... 314, 321
Black ... 401
Box ... 402
C-Hook ... 401, 416
Combination ... 404, 407, 446
Flared Nut Ring ... 415
Open Ended ... 314, 401, 403, 412 - 413
Pin ... 142, 416, 447
Podger ... 402
Ratchet ... 402, 407, 409 - 410
Ring ... 314, 401 - 402, 409 - 410
Scaffolding ... 402
Slogging ... 401
Torx Ring ... 446
Spark Resistant Safety Tools ... 394 - 400
Spectacles, Safety ... 610 - 612
Speed Braces, Square Drive ... 420, 425
Clamps ... 341, 368, 370

Ratchets, Air ... 148
Wrenches ... 465
Spill Control, Oil & Chemical ... 545, 547 - 555, 557 - 558
Spinner Handles, Square Drive ... 416, 420
Spiral Flute Taps ... 61, 101 - 103
Spiral Point Taps ... 61, 101 - 103
Spire Clips ... 528
Spirit Levels ... 243 - 244
Spirit Levels, Machinists ... 183
Splicing Kit, Wire ... 233
Splitters, Nut ... 225
Spot Weld Removers ... 216
Spotting Drills ... 38, 88
Spotting Drills, Carbide ... 95
Spray Cleaners, Foam ... 559
Dispensers ... 345
Gun Accessories ... 133
Guns, Air ... 133
Sprayers, Garden ... 281 - 282
Spring Calipers ... 258
Compressors ... 220
Dividers ... 258
Washers ... 528
Squares, Engineers ... 258
Rafters ... 510
Toolmakers ... 258
Try ... 510
Stands, Micrometer ... 181
Static Workstations ... 483
STD Cutting Compounds ... 542
STD Cutting Fluids ... 542
Steel Dowel Pins ... 522
Parallels ... 185
Rules ... 259 - 260
Stencils ... 379
Step Ladders ... 573
Steps, Warehouse ... 597
Stethoscope, Mechanics ... 221
Stopwatches ... 165
Storage Bins ... 189
Storage CNC Tools ... 92
Storage, Secondary Containment ... 545 - 547, 557
Storage Shelves ... 191
Straight Flute Taps ... 60, 62 - 63
Strap Wrenches ... 447, 457
Strapping & Carton ... 327, 335
Strip, Feeler ... 271
Stroke Counters, Mechanical ... 165
Stub Drills ... 94
Stud Extractors, Square Drive ... 429
Suction Pads ... 216
Surface Conditioning Abrasives ... 114, 124, 153, 155
Surface Gauges ... 269
Swedish Pipe Wrenches ... 465
Swiss+Burr® ... 77 - 80
Swiss+Tech® ... 86 - 87
Swivel End Socket Wrenches ... 446
Handles, 1/2" Drive ... 397, 426
Handles, 3/8" Drive ... 420
Handles, Square Drive ... 417, 420, 426, 430
Syphon Pumps ... 344

T

Tabbies, Key Rings ... 562
Tachometers ... 166
Tacklifters ... 508
Tagout & Lockout Systems ... 490, 582, 584, 586 - 587
Tally Counters, Hand ... 165
Tap & Die Sets ... 65
& Drill Sets, HSS ... 30
Wrenches ... 268
Tape Dispensers ... 590, 594
Tape Measures ... 324 - 325
Taper Punches ... 264
Taper Shank Drills ... 37
Tapes, Adhesive ... 592 - 593
Aluminium foil ... 593
Double Sided ... 591, 594
Duct ... 589, 591, 593
Gummed ... 594
Hazard Marking ... 589
Industrial ... 591, 593 - 594
Insulation ... 593
Locking ... 324
Long Measuring ... 324 - 325
Lo-Tac ... 592
Masking ... 591
Packaging ... 592, 594
PTFE ... 592
Push/Pull ... 325
Waterproof ... 589, 591, 593
Tapping Head Sets ... 93
Taps, Drum ... 346
Fluteless ... 62, 102
Hand ... 60 - 63
Hand, Left Hand ... 63
Machine ... 101 - 103
Spiral Flute ... 61, 101 - 103
Spiral Point ... 61, 101 - 103
Straight Flute ... 60, 62 - 63
Telescopic Gauges ... 265
T-Handles ... 397
T-Handles, Square Drive ... 417, 420, 425, 430 - 431
Thermometers ... 164
Thickness Gauges ... 170
Thor® ... 293 - 298

Thread Repair Inserts ... 529
Thread Restoring Files ... 24, 65
Threading Heads ... 463
Sets ... 64 - 65
Toolholders ... 67
TIG Accessories ... 566
Tile Cutting Machines ... 311
Cutting Pliers ... 311, 373
Saw Blades ... 53
Saws ... 338
Spacers ... 311
Timing Lights ... 217
Tinsnips ... 467
Tips, Soldering ... 254 - 255
Toggle Clamp Spares ... 203
Clamps ... 198 - 203
Pliers ... 203
Tool Bags ... 475 - 476
Belts ... 472 - 473, 476
Boxes ... 479 - 482
Boxes, Plastic ... 480
Cabinet Spares ... 490
Cabinets ... 483 - 490, 496
Cases ... 471, 475, 477 - 479, 511, 513
Chest Spares ... 490
Chests ... 479 - 480, 483 - 489
Control, Drawers & Inserts ... 492 - 495
Holsters ... 472 - 473, 482
Kits ... 320, 479, 497 - 504
Organisers ... 479, 489
Pouches ... 472 - 473, 482
Rolls ... 474
Trolleys ... 489
Toolholders, Indexable ... 68 - 73
Toolholders, Threading ... 67
Toolmakers Clamps ... 270
Square ... 258
Vices ... 204, 206
Torches, Battery ... 567 - 568
Torque Drivers ... 354
Handles ... 356
Multipliers ... 356
Wrenches ... 354 - 357
Torx Keys ... 515 - 517
Torx Ring Spanners ... 446
Towing Ropes ... 231
Transmission Jacks ... 225
Trays, Magnetic ... 352, 491
Trays, Oil Drip ... 346
Trigger Spray Dispensers ... 345
Trim Pin Removers ... 214
Trimming Knives & Blades ... 327 - 329, 333, 336
Tripod Lights ... 536
Trolley Jacks ... 222 - 223
Trolleys, Laundry ... 596
Platform ... 596 - 597
Service ... 595
Tool ... 489
Trowels, Adhesive ... 245
Builders ... 246
Plasterers ... 245
Trucks, Sack ... 596 - 597
Trucks, Turntable ... 597
Try Squares ... 510
T-Type Socket Wrenches ... 447
Tube Cutters ... 460 - 461
Tubs, Multi Purpose ... 284
Tubular, Micrometers, Internal ... 182
Tuffsafe® ... 628
Turning Inserts, Indexable ... 82 - 85
Toolholders ... 68 - 73
Tools, Butt Welded ... 24
Turntable Trucks ... 597
Tweezers, Engineers ... 260
Tweezers, Insulated ... 322
Tyre Tools ... 134, 232

U

Universal Joints, 3/8" Drive ... 416
Universal Joints, Square Drive ... 397

V

Vacuum Lifters ... 216
Vacuum Testers ... 235
Valve Tools ... 220
Vee Blocks, Cast Iron ... 184
Vernier Calipers ... 172
Vice Jaws ... 204, 466
Vices, Drill Press ... 204, 206
Engineers ... 205 - 206, 466
Machine ... 204, 206
Multi-Angle ... 255
Multi-Purpose ... 205
Pin ... 270
Pipe ... 463
Toolmakers ... 204, 206
Workshop ... 205
Voltage Detectors ... 257

W

Wall Plugs 526
Warning Triangle 231
Washers, Brass 525
BZP 528
Copper 528
Fibre 527
Lock 527
Spring 528
Steel 525, 528
Waste Bins 547
Waste Disposal Bags 284, 547
Watches, Stop 165
Water Hose Fittings ..... 282 - 283
Hoses 131, 283
Pump Pliers 363
Pumps, Submersible 152
Separators 156
Watering Cans 283
Waterproof Tapes 589, 591, 593
Welding & Cutting, Gas 564
Accessories ..... 565 - 566
Chipping Hammers 288
Face Shields 613
Gas Regulators 564
Gauntlets 625
Helmets 613
Lenses 613
Workwear 613
Wheel Dressers, Diamond 209
Dressers, Huntington 209
Wrenches 231
Wheelie Bins 557
Wheels, Castor 574
Wheels, Wire ..... 158 - 159
Wiggler Sets 266
Window Scrapers 303
Windscreen Repair Tools 216
Wire Brushes, Brass ..... 158 - 159
Brushes, Stainless 569
Cutters 362
Gauges 261

Strippers ..... 252 - 253, 320, 337, 362

Twisting Pliers 366

Wheels ..... 158 - 159

Wood Chisels ..... 507 - 508

Wood Screws 524, 526

Work Benches & Cabinets 190

Holding Fixture Components ..... 193 - 196

Lights ..... 536, 567 - 568

Workshop Vices 205

Workstations, Static 483

Wrapping Paper 563

Wrecking Bars 241, 400

Wrenches, Adjustable ..... 212 - 213, 400

Adjustable C-Hook 416

Basin 465

Chain 447

Crowfoot 413

Heavy Duty Pipe ..... 464 - 465

Hexagon ..... 511 - 515

Oil Filter 226, 447

Pipe ..... 400, 457, 464 - 465

Ratchet, Square Drive ..... 417, 419, 423 - 424, 430 - 431

Slogging 401

Speed 465

Strap 447, 457

Swivel End Socket 446

Tap 268

Torque ..... 354 - 357

Torx ..... 515 - 517

T-Type 447

Wheel 231

Z

Z-Barrier® 598

Zinc Paints 540

Zipcut Spot Weld Remover 216

Cutting Tools

Keeping Industry Working™

Product Groups
010 - 185

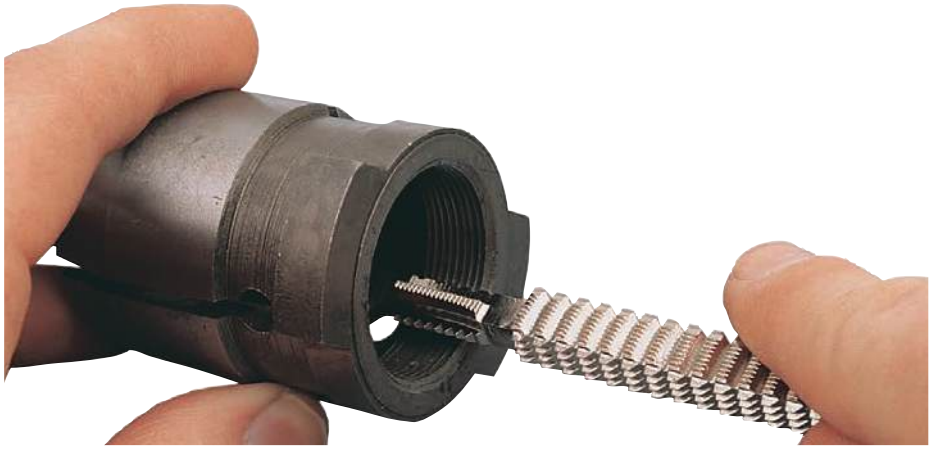
Contents

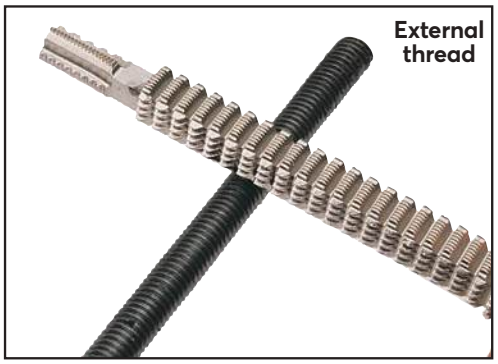
Description	Group	Page
HOLE MAKING		
Blacksmith's Drills	025	**38**
Centre Drills	025	**29, 39, 88, 95**
Counterbores	021	**29**
Countersinks	020	**26 - 28**
Drill Sets	025	**30, 35, 39 - 40**
Extra Long Drills	025	**40**
Jobber Drills	025/125	**30, 33 - 35, 40, 41, 44, 86, 87, 94, 95**
Long Series Drills	025	**36, 40, 43**
Micro Drills	026	**44**
Reamers	065	**57 - 58**
Sheet & Tube Drills	019	**25**
Spotting Drills	025/125	**38, 88**
Step Drills	019	**25**
Stub Drills	158	**94**
Taper Shank Drills	025	**37**
THREADING		
HSS Taps & Dies	085/086	**60 - 66**
Indexable Threading	106	**67**
Production Taps	085	**60 - 65**
Tapping Head Sets	144	**93**
Threading Sets	086	**64 - 65**
MILLING		
Die & Mould Shanks	165	**98 - 100**
Indexable	139	**90 - 91**
Plain Shank	161	**96 - 97**
Threaded Shank	163	**98**
Weldon Shank	061/161/163	**56, 98**

Description	Group	Page
TURNING & LATHE TOOLS		
Boring Bars	106	**74 - 76**
Brazed Tools	100	**66**
Butt Welded Tools	010	**24**
Inserts - ISO Turning	120	**82 - 85**
Toolholders	106	**68 - 73**
SAWING		
Powersaw Blades	040	**53**
Hacksaw Blades	040	**53**
Holesaws	040	**54 - 55**
DEBURRING		
Hand Deburring Tools	109	**77 - 80**
WORKHOLDING		
Spindle Nose Tooling	144	**92**
FILING		
Engineer's Files	30	**45 - 47**
Needle Files	31	**48 - 49**
Milled Tooth Files	32	**50**
Rasps	32	**51**
Diamond Files	33	**52**

SHERWOOD QUALITY CUTTING TOOLS Thread Restoring Files

Restore internal and external threads by filing, where the use of taps and dies are impractical. The restorer file overlaps several good threads and files the damaged ones. Restore right and left hand, internal and external threads. Long lasting, fast cutting teeth. Thread restoring files are available in ISO, Whit/BSF, UNF/UNC and BSP thread types.





Thread Type	Range	Order Code SHR-017
ISO	.80 to 3mm	**-9020C**
Whit/BSF	10 tpi to 24 tpi	**-9001A**
UNF/UNC	11 tpi to 24 tpi	**-9010B**
BSP	11 tpi to 28 tpi	**-9030D**

KENNEDY QUALITY INDUSTRIAL TOOLING Butt Welded Tools

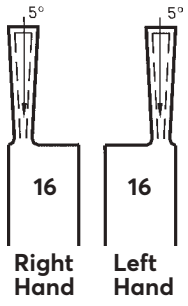
Manufactured from top quality sintered steels. For use on a wide range of applications from roughing to finishing.
Manufactured to **BS 1296 : Part 3 : 1978.**

Light Turning & Facing

Shape No.1RH & 2LH Rake & Clearance Angles	
Top Rake	14°
Front Clearance	6°
Approach Angle	-2°
Trail Angle	15°
Side Clearance	6°
Corner Radius	-

Shank (mm)	Overall Length	Order Code KEN-010
12 x 12	100	**-0120K**
16 x 16	110	**-0160K**

Parting Off



Shape No.16RH/16LH Rake & Clearance Angles	
Top Rake	5°
Front Clearance	6°
Approach Angle	90°
Trail Angle	0°
Side Clearance	1-2°
Corner Radius	-

	Shank (mm)	Overall Length	Order Code KEN-010
No.16RH	12 x 12	100	**-3120K**
	16 x 16	110	**-3160K**

Butt Welded Tools

See our range

Scan the QR code

HSS Multi-Diameter Step Drills

HSS

Using either a bench drill or light pedestal drilling machine. For material up to 1/8" (3mm) thick.

Size	Range	Number of Steps	Order Code SHR-019
0/5	4 - 12mm	5	**-0500K**
0/9	4 - 12mm	9	**-0509K**
1	4 - 20mm	9	**-0510K**
1	4 - 30mm	11	**-0520K**
3	6 - 38mm	12	**-0530K**
5	4 - 39mm	14	**-0560K**
10	6 - 37mm	11	**-0600K**

HSS Sheet Metal Step Drill Set

HSS

Manufactured from high speed steel, resulting in long tool life and extra durability. The drills are capable of producing or enlarging holes in sheet metals without the need for centre punch or pilot holes use with power tools or pedestal drilling machines.

Sizes include:
4 - 12mm (9 step, 6mm shank),
4 - 20mm (9 step, 8mm shank)
and 4 - 30mm (14 step, 10mm shank).

3 PIECES

Number of Pieces	Range	Weight	Order Code SHR-019
3	4 - 30mm	275g	**-0260K**

HSS Taper Sheet & Tube Drills

HSS

Produces clean holes in sheet metal and other thin walled materials. No pre-drilled pilot hole diameter of the hole is variable. Required range of each drill, according to depth of feed.

Range	Shank Dia (mm)	Overall Length	Weight each	Order Code SHR-019
3 - 14mm	6	-	30g	**-1100K**
8 - 20mm	8	57	60g	**-1110K**
16 - 30mm	9	66	140g	**-1120K**
26-40mm	9	74	300g	**-1130K**

COUNTERSINKS

High Performance Countersinks

HSS-Co 5%

A chatter-free cutter giving an excellent burr-free finish. Capable of deburring and countersinking in one stroke with no 'back-off' of tool. Also free countersinking of aluminium with no secondary bulge.
For special applications and exotic materials, a choice of hard coatings is available.

60°

90°

100°

Cutting Diameter	Shank (mm)	Length (mm)	60° Countersink Order Code SHR-020	90° Countersink Order Code SHR-020	100° Countersink Order Code SHR-020
6.3mm	5	45	-5950K	-	-5450K
8.3mm	6	46	-6000K	-5000K	-5500K
10.4mm	6	47	-6050K	-5050K	-5550K
12.4mm	8	58	-6100K	-5100K	-5600K
16.5mm	8	60	-6150K	-5150K	-5650K
20.5mm	10	65	-6200K	-5200K	-5700K
25.0mm	10	69	-6300K	-5250K	-5750K

Countersink Set - 60°

HSS-Co 5%

5 Piece Set
High Performance Multi Flute
Manufactured from HSS-E cobalt for deburring and chamfering. Straight shank, ground flute 60° angle. Manufactured to **BS328 : Part 5 : 1983.**
Sizes: 6, 8, 10, 12.5 and 16mm.

5 PIECES

Order Code SHR-020
-8150A

Countersink Set - 90°

HSS-Co 5%

6 Piece Set
High Performance Multi Flute
Manufactured from HSS-E cobalt for deburring and chamfering. Straight shank, ground flute 90° angle.
Manufactured to **BS328 : Part 5 : 1983.**
Inclusive angle 90°.
Sizes: 8, 10, 12.5, 16, 20 and 25mm.

6 PIECES

Order Code SHR-020
-9010A

Countersink Set - 100°

HSS-Co 5%

5 Piece Set
High Performance Multi Flute
Manufactured from HSS-E cobalt for deburring and chamfering. Straight shank, ground flute 100° angle.
Manufactured to **BS328 : Part 5 : 1983.**
Inclusive angle 100°.
Sizes: 6, 8, 10, 12.5 and 16mm.

5 PIECES

Order Code SHR-020
-9130A

82° Countersinks

3 Flute - Straight Shank

HSS-Co 5%

Manufactured from M35 HSS and used for the deburring and chamfering of most metals and plastics. Manufactured to **BS 328 : Part 5 : 1983**. Inclusive angle 82°.

Cutting Diameter	Shank Diameter	Order Code SHR-020
8.5mm	8mm	-7090K
10.0mm	8mm	-7100K
12.5mm	8mm	-7120K
16.0mm	10mm	-7160K
20.0mm	10mm	-7200K
25.0mm	10mm	-7250K

3 Flute - Straight Shank

90° Heavy Duty

HSS-Co 5%

Manufactured from HSS-E cobalt steel for deburring and chamfering of most metals and plastics. Manufactured to **BS 328 : Part 5 : 1983**.

Cutting Diameter	Shank Diameter	Order Code SHR-020
8.0mm	8mm	-0790K
10.0mm	8mm	-0890K
12.5mm	8mm	-0990K
16.0mm	10mm	-1090K
20.0mm	10mm	-1110K
25.0mm	10mm	-1130K

90° Countersinks

General purpose chamfering/deburring and countersinking tool. bright finish, 3 flute, ground all over. Made to **DIN 335**.

Cutting Dia.	Shank (mm)	Order Code SHR-020
6.0mm	5	-3060E
6.3mm	5	-3063J
8.3mm	6	-3083J
13.4mm	8	-3134Q
15.0mm	10	-3150G
19.0mm	10	-3190T
23.0mm	10	-3223G
30.0mm	12	-3230R

5 Piece Set Contents:
6.30, 8.30, 13.40, 15.00 and 19.00mm.

Order Code SHR-020
-9260K

3 Flute Piloted Countersinks

HSS-Co 5%

For the production of high precision concentrically centred countersinks in most metals where pilot holes have been pre-drilled.
Shank diameter: 3/16".

Diameter	Inc. Angle	Body Dia.	Overall Length	Order Code SHR-020
3/32"	100°	3/16"	2½"	-5050D
3/32"	120°	3/16"	2½"	-5054H
1/8"	100°	1/4"	2½"	-5051E
1/8"	120°	1/4"	2½"	-5055J
5/32"	100°	5/16"	2½"	-5052F
3/16"	100°	3/8"	2½"	-5053G
3/16"	120°	3/8"	2½"	-5056K
3/32"	100°	.190	2½"	-5057L
1/8"	100°	.252	2½"	-5058M
5/32"	100°	.340	2½"	-5059N
3/16"	100°	.405	2½"	-5060P
1/4"	100°	.530	2½"	-5061Q

Single Flute Countersinks

HSS

A quality range of single flute countersinking bits available in nine individual sizes and as a five piece set for use in the deburring and chamfering of most metals and plastics. Manufactured from high speed steel for durability and performance. Inclusive angle 90°.

Size	Shank Diameter	Order Code SHR-020
5 Piece Set	1/4",3/8",1/2",3/4" & 1"	-9250K

Single Hole Countersinks

HSS-Co 5%

Manufactured from HSS-E cobalt for deburring and chamfering. Straight shank. Manufactured to **BS328 : Part 5 : 1983**. Inclusive angle 90°.

Cutting Range	Shank Diameter	Overall Length	Order Code SHR-020
2 - 5mm	6	32.0	-2090K
5 - 10mm	8	30.5	-2100K
10 - 15mm	10	37.5	-2150K
15 - 20mm	12	48.0	-2200K
20 - 25mm	15	56.5	-2250K
25 - 30mm	15	55.0	-2300K

Multi Flute - Straight Shank

Rose Pattern
Inclusive angle 90°.
Overall length: 52mm.

HSS-Co 5%

Cutting Diameter	Shank Diameter	Order Code SHR-020
9.5mm	4.8mm	-2040K
12.7mm	4.8mm	-2060K
15.8mm	6.3mm	-2080K

Multi Flute - Straight Shank

Heavy Duty
Inclusive angle 90°.
Overall length: 40mm.

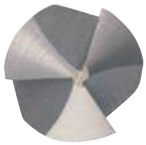
HSS-Co 5%

Cutting Diameter	Shank Diameter	Order Code SHR-020
12.7mm	6.3mm	-2000K

3 Flute - Taper Shank

Inclusive angle 90°.

HSS-Co 5%



Cutting Diameter	Shank Diameter	Order Code SHR-020
16.0mm	1MT	-1550K
25.0mm	2MT	-1590K
31.5mm	2MT	-1690K
40.0mm	3MT	-1790K
50.0mm	3MT	-1890K
63.0mm	4MT	-1920K

Countersink Set

HSS-Co 5%

6 Piece Set
Straight shank, ground flute 90° angle.
Sizes: 2 - 5mm, 5 - 10mm, 10 - 15mm, 15 - 20mm, 20 - 25mm and 25 - 30mm.

6 PIECES

Number of Pieces	Order Code SHR-020
6	-9020B

TiN Coated Countersink Set - 90°

HSS-Co 5%

TiN

6 Piece Set
High Performance Multi Flute
Manufactured from HSS-E cobalt for deburring and chamfering. Straight shank, ground flute 90° angle.
Manufactured to **BS328 : Part 5 : 1983.**
Inclusive angle 90°.
Sizes: 6, 8, 10, 12.5, 16 and 20mm.

6 PIECES

Number of Pieces	Inclusive Angle	Order Code SHR-020
6	90°	-8990Y

HSS Single Flute Countersinks 90°

Scan the QR code

HSS-E Co 5% Countersinks Single Hole

HSS-Co 5%

Manufactured from M35 HSS and used for the deburring and chamfering of most metals and plastics.
Straight shank.
Manufactured to **BS328 : Part 5 : 1983**. Inclusive angle 90°.

Cutting Range (mm)	Shank Dia. (mm)	Overall Length (mm)	Weight each	Order Code KEN-020
2 - 5	6	32.0	15g	-2090K
5 - 10	8	30.5	25g	-2100K
10 - 15	10	37.5	25g	-2150K
15 - 20	12	48.0	110g	-2200K
20 - 25	15	56.5	225g	-2250K

HSS-Co 5% Multi Flute Straight Shank

HSS-Co 5%

Heavy Duty
Inclusive angle 90°. **Overall length:** 40mm.

Cutting Diameter	Shank Diameter	Order Code KEN-020
12.7mm	6.3mm	-2000K

HSS-Co 5% Countersink Set 90°

HSS-Co 5%

6 Piece Set
Manufactured from M35 HSS and used for the deburring and chamfering of most metals and plastics.
Straight shank, ground flute 90 angle.
Manufactured to **BS328 : Part 5 : 1983**.

Sizes: 8, 10, 12.5, 16, 20 and 25mm.

6 PIECES

Weight	Order Code KEN-020
620g	-1160K

HSS-Co 5% Multi Flute Straight Shank

HSS-Co 5%

Rose Pattern
Inclusive angle 90°.
Overall length: 52mm.

Cutting Diameter	Shank Diameter	Order Code KEN-020
9.5mm	4.8mm	-2040K
12.7mm	4.8mm	-2060K
15.8mm	6.3mm	-2080K

HSS-Co 5% Countersinks

3 Flute - Straight Shank
Manufactured from M35 HSS and used for the deburring and chamfering of most metals and plastics.
Manufactured to **BS 328 : Part 5 : 1983**.
Inclusive angle 90°.

Cutting Diameter	Shank Diameter	Order Code KEN-020
8.0mm	8mm	-0790K
10.0mm	8mm	-0890K
12.5mm	8mm	-0990K
16.0mm	10mm	-1090K
20.0mm	10mm	-1110K
25.0mm	10mm	-1130K

SHERWOOD QUALITY CUTTING TOOLS Solid Spiral Counterbores Plain Shank

HSS

Medium duty. Manufactured to **BS 328 : Part 5 : 1983.**
Plain Shank

Metric

Bolt Size	Pilot Dia.	Cutter Dia.	Overall Length	Order Code SHR-021
3mm	3.4	6.0	65.0	**-3520K**
4mm	4.5	8.0	65.0	**-3560K**
5mm	5.5	10.0	70.0	**-3580K**
6mm	6.4	11.0	76.0	**-3600K**
8mm	9.0	15.0	87.3	**-3620K**
10mm	11.0	18.0	89.0	**-3640K**
12mm	14.0	20.0	108.0	**-3660K**
16mm	17.0	26.0	125.0	**-3700K**

SHERWOOD QUALITY CUTTING TOOLS Plain Shank 7 Piece Set

HSS

Manufactured to manufacturers standard.
Sizes: M3, M4, M5, M6, M8, M10, M12.

7 PIECES

Number of Pieces	Order Code SHR-021
7	**-9010A**

SHERWOOD QUALITY CUTTING TOOLS HSS Extra Length Centre Drills

HSS

Ground flute, for drilling centre holes on components prior to machining. Extra length drills particularly useful for drilling centre holes in recesses.
Manufactured to **BS 328 : Part 1 : 1986,**
DIN333A : ISO 86,
ISO2540, ISO2541.

Metric Series

Diameter (mm) Body	Diameter (mm) Point	Overall Length	Order Code SHR-024
4.00	1.00	120	**-1866H**
5.00	1.60	120	**-1866K**
6.00	2.00	120	**-1866N**
8.00	2.50	120	**-1866R**
10.00	3.15	120	**-1866W**
12.50	5.00	120	**-1866X**

Long Series Drills

See our range

Scan the QR code

Solid Counterbores

See our range

Scan the QR code

Centre Drills

See our range

Scan the QR code

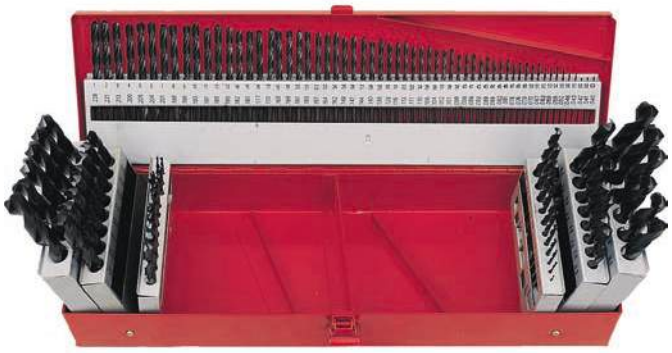
DRILL SETS

SHERWOOD QUALITY CUTTING TOOLS — HSS Ground Flute Jobber Drill Sets

Industrial quality. Ground flute, blue finish. Supplied in indexing metal cases. Manufactured to **BS 328 : Part 1 : 1986, DIN 338N & ANSI B94 - 11M**.

114 PIECES

x 1/64"	x 0.5mm	GAUGE
1/16" ~ 1/2"	1.0 ~ 13.0	No.1 to 60 Inclusive



1/16"	7/32"	3/8"
5/64"	15/64"	25/64"
3/32"	1/4"	13/32"
7/64"	17/64"	27/64"
1/8"	9/32"	7/16"
9/64"	19/64"	29/64"
5/32"	5/16"	15/32"
11/64"	21/64"	31/64"
3/16"	11/32"	1/2"
13/64"	23/64"	

(mm)			
1.0	4.0	7.5	11.0
1.5	4.5	8.0	11.5
2.0	5.0	8.5	12.0
2.5	5.5	9.0	12.5
3.0	6.0	9.5	13.0
3.5	6.5	10.0	
	7.0	10.5	

Number of Pieces	Order Code SHR-025
114	-8920K

SHERWOOD QUALITY CUTTING TOOLS — HSS Jobber Drill Sets

Industrial quality. Ground flute, blue finish. Supplied in indexing metal cases. Manufactured to **BS 328 : Part 1 DIN 338N & ANSI B94 - 11M**.

51 PIECES

x 0.1mm
1.0 ~ 6.0

(mm)							
1.0	1.6	2.3	3.0	3.7	4.4	5.1	5.8
1.1	1.7	2.4	3.1	3.8	4.5	5.2	5.9
1.2	1.8	2.5	3.2	3.9	4.6	5.3	6.0
1.3	1.9	2.6	3.3	4.0	4.7	5.4	
1.4	2.0	2.7	3.4	4.1	4.8	5.5	
1.5	2.1	2.8	3.5	4.2	4.9	5.6	
	2.2	2.9	3.6	4.3	5.0	5.7	

Number of Pieces	Order Code SHR-025
51	-8380K

19 PIECES

x 0.5mm
1.0 ~ 10.0

(mm)						
1.0	2.0	3.5	5.0	6.5	8.0	9.5
1.5	2.5	4.0	5.5	7.0	8.5	10.0
	3.0	4.5	6.0	7.5	9.0	

Number of Pieces	Order Code SHR-025
19	-8460K

41 PIECES

x 0.1mm
6.0 ~ 10.0

(mm)						
6.0	6.5	7.1	7.7	8.3	8.9	9.5
6.1	6.6	7.2	7.8	8.4	9.0	9.6
6.2	6.7	7.3	7.9	8.5	9.1	9.7
6.3	6.8	7.4	8.0	8.6	9.2	9.8
6.4	6.9	7.5	8.1	8.7	9.3	9.9
	7.0	7.6	8.2	8.8	9.4	10.0

Number of Pieces	Order Code SHR-025
41	-8420K

SENATOR QUALITY TOOLING — HSS Tap & Drill Sets

Industrial quality. Ground flute, blue finish. Supplied in indexing metal case. Manufactured to **DIN 338N**.

28 Piece Set Contents (mm):
Taps: (taper, second and bottom):M3, M4, M5, M6, M8, M10, M12.
Drills: 2.5, 3.3, 4.2, 5.0, 6.8, 8.5, 10.2mm.

28 PIECES

METRIC
HSS

x 0.7mm
2.5 ~ 10.2

Order Code SEN-025
-9960K

SHERWOOD QUALITY CUTTING TOOLS — HSS Ground Flute Select-A-Drill Set

HSS

HSS Ground Flute jobber drills in a 'Dial-a-Drill' style case. With a clear top to view drills. Manufactured to **BS 328 DIN 338N & ANSI B94 - 11M**.

19 PIECES

x 0.5mm
1.0 ~ 10.0

(mm)						
1.0	2.0	3.5	5.0	6.5	8.0	9.5
1.5	2.5	4.0	5.5	7.0	8.5	10.0
	3.0	4.5	6.0	7.5	9.0	

Number of Pieces	Order Code SHR-025
19	-9000K

SHERWOOD QUALITY CUTTING TOOLS — HSS Ground Flute Tap & Drill Set

HSS

Industrial quality. Ground flute, blue finish. Supplied in indexing metal cases. Manufactured to **BS 328 : Part 1 : 1986, DIN 338N & ANSI B94 -11M**.

28 PIECES

METRIC Tap & Drill — Taps M3 ~ M12 +Tapping Drills **2.5 ~ 10.2**

28 Piece Tap & Drill Set
Taps (Taper, Second and Bottom)

M3	M5	M8	M12
M4	M6	M10	

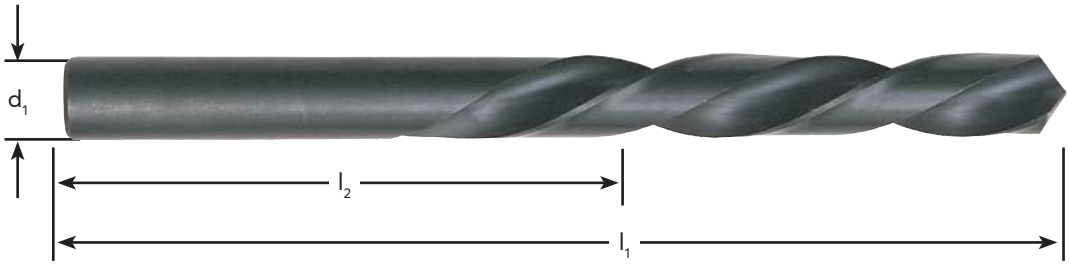
Tapping Drills

(mm)	**3.3**	**5.0**	**8.5**
2.5	**4.2**	**6.8**	**10.2**

Number of Pieces	Order Code SHR-025
28	-9960K

Dimensions - Jobber Drills to BS 328 / DIN 338

The majority of jobber drills featured in this catalogue comply with the above standards in terms of overall and working dimensions. The tables of sizes below apply to all of these products. In order to save space in the catalogue we are not repeating these dimensions after this page. Any drills which are made to different standards/dimensions will have them printed accordingly in the tables for those products.



DIN 338
BS 328

d_1 mm h_8	No/ Letter	Inch Dec.	l_2 mm	l_1 mm
5.30		0.2086	52.0	86.0
5.31	4	0.2090	57.0	93.0
5.40		0.2125	57.0	93.0
5.41	3	0.2129	57.0	93.0
5.50		0.2165	57.0	93.0
5.56	7/32	0.2188	57.0	93.0
5.60		0.2204	57.0	93.0
5.61	2	0.2208	57.0	93.0
5.70		0.2244	57.0	93.0
5.75		0.2263	57.0	93.0
5.79	1	0.2279	57.0	93.0
5.80		0.2283	57.0	93.0
5.90		0.2322	57.0	93.0
5.94	A	0.2338	57.0	93.0
5.95	15/64	0.2342	57.0	93.0
6.00		0.2362	57.0	93.0
6.00	B	0.2374	63.0	101.0
6.10		0.2401	63.0	101.0
6.15	C	0.2421	63.0	101.0
6.20		0.2440	63.0	101.0
6.25		0.2460	63.0	101.0
6.25	D	0.2460	63.0	101.0
6.30		0.2480	63.0	101.0
6.35	1/4	0.2500	63.0	101.0
6.35	E	0.2500	63.0	101.0
6.40		0.2519	63.0	101.0
6.50		0.2559	63.0	101.0
6.53	F	0.2570	63.0	101.0
6.60		0.2598	63.0	101.0
6.63	G	0.2610	63.0	101.0
6.70		0.2637	63.0	101.0
6.75	17/64	0.2657	69.0	109.0
6.75		0.2657	69.0	109.0
6.76	H	0.2661	69.0	109.0
6.80		0.2677	69.0	109.0
6.90		0.2716	69.0	109.0
6.91	I	0.2720	69.0	109.0
7.00		0.2755	69.0	109.0
7.04	J	0.2771	69.0	109.0
7.10		0.2795	69.0	109.0
7.14	9/32	0.2811	69.0	109.0
7.14	K	0.2811	69.0	109.0
7.20		0.2834	69.0	109.0
7.25		0.2854	69.0	109.0
7.30		0.2874	69.0	109.0
7.37	L	0.2901	69.0	109.0
7.40		0.2913	69.0	109.0

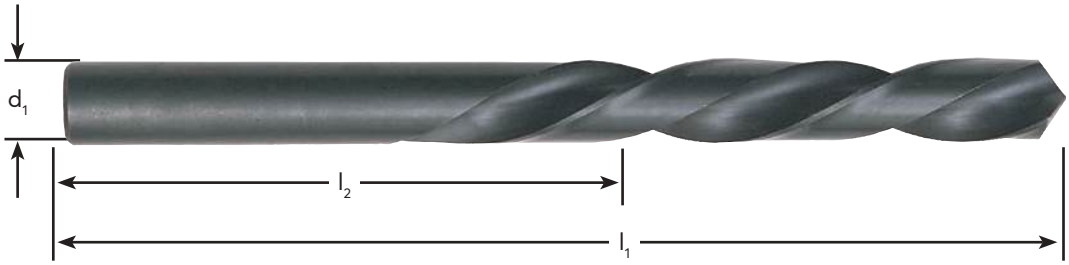
d_1 mm h_8	No/ Letter	Inch Dec.	l_2 mm	l_1 mm
7.49	M	0.2948	69.0	109.0
7.50		0.2952	69.0	109.0
7.54	19/64	0.2968	75.0	117.0
7.60		0.2992	75.0	117.0
7.67	N	0.3019	75.0	117.0
7.70		0.3031	75.0	117.0
7.75		0.3051	75.0	117.0
7.80		0.3070	75.0	117.0
7.90		0.3110	75.0	117.0
7.94	5/16	0.3125	75.0	117.0
8.00		0.3149	75.0	117.0
8.03	O	0.3161	75.0	117.0
8.10		0.3188	75.0	117.0
8.20		0.3228	75.0	117.0
8.20	P	0.3228	75.0	117.0
8.25		0.3248	75.0	117.0
8.30		0.3267	75.0	117.0
8.33	21/64	0.3279	75.0	117.0
8.40		0.3307	75.0	117.0
8.43	Q	0.3318	75.0	117.0
8.50		0.3346	75.0	117.0
8.60		0.3385	81.0	125.0
8.61	R	0.3389	81.0	125.0
8.70		0.3425	81.0	125.0
8.73	11/32	0.3437	81.0	125.0
8.75		0.3444	81.0	125.0
8.80		0.3464	81.0	125.0
8.84	S	0.3480	81.0	125.0
8.90		0.3503	81.0	125.0
9.00		0.3543	81.0	125.0
9.09	T	0.3578	81.0	125.0
9.10		0.3582	81.0	125.0
9.13	23/64	0.3594	81.0	125.0
9.20		0.3622	81.0	125.0
9.25		0.3641	81.0	125.0
9.30		0.3661	81.0	125.0
9.35	U	0.3681	81.0	125.0
9.40		0.3700	81.0	125.0
9.50		0.3740	81.0	125.0
9.53	3/8	0.3751	87.0	133.0
9.58	V	0.3771	87.0	133.0
9.60		0.3779	87.0	133.0
9.70		0.3818	87.0	133.0
9.75		0.3838	87.0	133.0
9.80		0.3858	87.0	133.0
9.80	W	0.3858	87.0	133.0
9.90		0.3897	87.0	133.0

d_1 mm h_8	No/ Letter	Inch Dec.	l_2 mm	l_1 mm
9.92	25/64	0.3905	87.0	133.0
10.00		0.3937	87.0	133.0
10.08	X	0.3968	87.0	133.0
10.10		0.3976	87.0	133.0
10.20		0.4015	87.0	133.0
10.25		0.4035	87.0	133.0
10.26	Y	0.4039	87.0	133.0
10.30		0.4055	87.0	133.0
10.32	13/32	0.4062	87.0	133.0
10.40		0.4094	87.0	133.0
10.49	Z	0.4129	87.0	133.0
10.50		0.4133	87.0	133.0
10.60		0.4173	87.0	133.0
10.70		0.4212	94.0	142.0
10.72	27/64	0.4220	94.0	142.0
10.75		0.4232	94.0	142.0
10.80		0.4251	94.0	142.0
10.90		0.4291	94.0	142.0
11.00		0.4330	94.0	142.0
11.10		0.4370	94.0	142.0
11.11	7/16	0.4374	94.0	142.0
11.20		0.4409	94.0	142.0
11.25		0.4429	94.0	142.0
11.30		0.4448	94.0	142.0
11.40		0.4488	94.0	142.0
11.50		0.4527	94.0	142.0
11.51	29/64	0.4531	94.0	142.0
11.60		0.4566	94.0	142.0
11.70		0.4606	94.0	142.0
11.75		0.4625	94.0	142.0
11.80		0.4645	94.0	142.0
11.90		0.4685	101.0	151.0
11.91	15/32	0.4688	101.0	151.0
12.00		0.4724	101.0	151.0
12.10		0.4763	101.0	151.0
12.20		0.4803	101.0	151.0
12.25		0.4822	101.0	151.0
12.30		0.4842	101.0	151.0
12.30	31/64	0.4842	101.0	151.0
12.40		0.4881	101.0	151.0
12.50		0.4921	101.0	151.0
12.60		0.4960	101.0	151.0
12.70		0.5000	101.0	151.0
12.70	1/2	0.5000	101.0	151.0
12.75		0.5019	101.0	151.0
12.80		0.5039	101.0	151.0
12.90		0.5078	101.0	151.0

d_1 mm h_8	No/ Letter	Inch Dec.	l_2 mm	l_1 mm
13.00		0.5118	101.0	151.0
13.10	33/64	0.5157	101.0	151.0
13.10		0.5157	101.0	151.0
13.20		0.5196	101.0	151.0
13.25		0.5216	108.0	160.0
13.30		0.5236	108.0	160.0
13.40		0.5275	108.0	160.0
13.49	17/32	0.5311	108.0	160.0
13.50		0.5314	108.0	160.0
13.60		0.5354	108.0	160.0
13.70		0.5393	108.0	160.0
13.75		0.5413	108.0	160.0
13.80		0.5433	108.0	160.0
13.89	35/64	0.5468	108.0	160.0
13.90		0.5472	108.0	160.0
14.00		0.5511	108.0	160.0
14.25		0.5610	114.0	169.0
14.29	9/16	0.5625	114.0	169.0
14.50		0.5708	114.0	169.0
14.68	37/64	0.5779	114.0	169.0
14.75		0.5807	114.0	169.0
15.00		0.5905	114.0	169.0
15.08	19/32	0.5937	120.0	178.0
15.25		0.6003	120.0	178.0
15.48	39/64	0.6094	120.0	178.0
15.50		0.6102	120.0	178.0
15.75		0.6200	120.0	178.0
15.88	5/8	0.6251	120.0	178.0
16.00		0.6299	120.0	178.0
16.27	41/64	0.6405	125.0	184.0
16.50		0.6496	125.0	184.0
16.67	21/32	0.6562	125.0	184.0
17.00		0.6692	125.0	184.0
17.07	43/64	0.6720	130.0	191.0
17.46	11/16	0.6874	130.0	191.0
17.50		0.6889	130.0	191.0
18.00		0.7086	130.0	191.0
18.5		0.7283	135.0	198.0
19.00		0.7480	135.0	198.0
19.50		0.7677	140.0	205.0
20.00		0.7874	140.0	205.0

Dimensions - Jobber Drills to BS 328/DIN 338

The majority of jobber drills featured in this catalogue comply with the above standards in terms of overall and working dimensions. The tables of sizes below apply to all of these products. In order to save space in the catalogue we are not repeating these dimensions after this page. Any drills which are made to different standards/dimensions will have them printed accordingly in the tables for those products.



DIN 338

BS 328

d_1 mm h_8	No/ Letter	Inch Dec.	l_2 mm	l_1 mm	d_1 mm h_8	No/ Letter	Inch Dec.	l_2 mm	l_1 mm	d_1 mm h_8	No/ Letter	Inch Dec.	l_2 mm	l_1 mm	d_1 mm h_8	No/ Letter	Inch Dec.	l_2 mm	l_1 mm
0.20		0.0078	2.5	19.0	0.94	63	0.0370	11.0	32.0	2.15		0.0846	27.0	53.0	3.66	27	0.1440	39.0	70.0
0.25		0.0098	3.0	19.0	0.95		0.0374	11.0	32.0	2.18	44	0.0858	27.0	53.0	3.70		0.1456	39.0	70.0
0.30		0.0118	3.0	19.0	0.97	62	0.0381	12.0	34.0	2.20		0.0866	27.0	53.0	3.73	26	0.1468	39.0	70.0
0.32		0.0125	4.0	19.0	0.98		0.0385	12.0	34.0	2.25		0.0885	27.0	53.0	3.75		0.1476	39.0	70.0
0.34	80	0.0133	4.0	19.0	0.99	61	0.0389	12.0	34.0	2.26	43	0.0889	27.0	53.0	3.80		0.1496	43.0	75.0
0.35		0.0137	4.0	19.0	1.00		0.0393	12.0	34.0	2.30		0.0905	27.0	53.0	3.80	25	0.1496	43.0	75.0
0.37	79	0.0145	4.0	19.0	1.02	60	0.0401	12.0	34.0	2.35		0.0925	27.0	53.0	3.86	24	0.1519	43.0	75.0
0.38		0.0149	4.0	19.0	1.04	59	0.0409	12.0	34.0	2.38	3/32	0.0937	30.0	57.0	3.90		0.1535	43.0	75.0
0.40	1/64	0.0157	5.0	20.0	1.05		0.0413	12.0	34.0	2.38	42	0.0937	30.0	57.0	3.91	23	0.1539	43.0	75.0
0.40		0.0157	5.0	20.0	1.07	58	0.0421	14.0	36.0	2.40		0.0944	30.0	57.0	3.97	5/32	0.1562	43.0	75.0
0.41	78	0.0161	5.0	20.0	1.09	57	0.0429	14.0	36.0	2.44	41	0.0960	30.0	57.0	3.99	22	0.157	43.0	75.0
0.42		0.0165	5.0	20.0	1.10		0.0433	14.0	36.0	2.45		0.0964	30.0	57.0	4.00		0.1574	43.0	75.0
0.45		0.0177	5.0	20.0	1.15		0.0452	14.0	36.0	2.49	40	0.098	30.0	57.0	4.04	21	0.1590	43.0	75.0
0.46	77	0.0181	5.0	20.0	1.18	56	0.0464	14.0	36.0	2.50		0.0984	30.0	57.0	4.09	20	0.1610	43.0	75.0
0.48		0.0188	5.0	20.0	1.19	3/64	0.0468	16.0	38.0	2.53	39	0.0996	30.0	57.0	4.10		0.1614	43.0	75.0
0.50		0.0196	6.0	22.0	1.20		0.0472	16.0	38.0	2.55		0.1003	30.0	57.0	4.20		0.1653	43.0	75.0
0.51	76	0.0200	6.0	22.0	1.25		0.0492	16.0	38.0	2.58	38	0.1015	30.0	57.0	4.22	19	0.1661	43.0	75.0
0.52		0.0204	6.0	22.0	1.30		0.0511	16.0	38.0	2.60		0.1023	30.0	57.0	4.25		0.1673	43.0	75.0
0.53	75	0.0208	6.0	22.0	1.32	55	0.0519	16.0	38.0	2.64	37	0.1039	30.0	57.0	4.30		0.1692	47.0	80.0
0.55		0.0216	7.0	24.0	1.35		0.0531	18.0	40.0	2.65		0.1043	30.0	57.0	4.31	18	0.1696	47.0	80.0
0.57	74	0.0224	7.0	24.0	1.40		0.0551	18.0	40.0	2.70		0.1062	33.0	61.0	4.37	11/64	0.172	47.0	80.0
0.58		0.0228	7.0	24.0	1.40	54	0.0551	18.0	40.0	2.71	36	0.1066	33.0	61.0	4.39	17	0.1728	47.0	80.0
0.60		0.0236	7.0	24.0	1.45		0.0570	18.0	40.0	2.75		0.1082	33.0	61.0	4.40		0.1732	47.0	80.0
0.61	73	0.0240	8.0	26.0	1.50		0.0590	18.0	40.0	2.78	7/64	0.1094	33.0	61.0	4.50		0.1771	47.0	80.0
0.62		0.0244	8.0	26.0	1.51	53	0.0594	20.0	43.0	2.79	35	0.1098	33.0	61.0	4.50	16	0.1771	47.0	80.0
0.64	72	0.0251	8.0	26.0	1.55		0.0610	20.0	43.0	2.80		0.1102	33.0	61.0	4.57	15	0.1799	47.0	80.0
0.65		0.0255	8.0	26.0	1.59	1/16	0.0625	20.0	43.0	2.82	34	0.1110	33.0	61.0	4.60		0.1811	47.0	80.0
0.66	71	0.0259	8.0	26.0	1.60		0.0629	20.0	43.0	2.85		0.1122	33.0	61.0	4.62	14	0.1818	47.0	80.0
0.68		0.0267	9.0	28.0	1.61	52	0.0633	20.0	43.0	2.87	33	0.1129	33.0	61.0	4.70		0.1850	47.0	80.0
0.70		0.0275	9.0	28.0	1.65		0.0649	20.0	43.0	2.90		0.1141	33.0	61.0	4.70	13	0.1850	47.0	80.0
0.71	70	0.0279	9.0	28.0	1.70		0.0669	20.0	43.0	2.95		0.1161	33.0	61.0	4.75		0.1870	47.0	80.0
0.72		0.0283	9.0	28.0	1.70	51	0.0669	22.0	46.0	2.95	32	0.1161	33.0	61.0	4.76	3/16	0.1874	52.0	86.0
0.74	69	0.0291	9.0	28.0	1.75		0.0688	22.0	46.0	3.00		0.1181	33.0	61.0	4.80		0.1889	52.0	86.0
0.75		0.0295	9.0	28.0	1.78	50	0.0700	22.0	46.0	3.05	31	0.1200	36.0	65.0	4.80	12	0.1889	52.0	86.0
0.78		0.0307	10.0	30.0	1.80		0.0708	22.0	46.0	3.10		0.1220	36.0	65.0	4.85	11	0.1909	52.0	86.0
0.79	1/32	0.0311	10.0	30.0	1.85		0.0728	22.0	46.0	3.15		0.1240	36.0	65.0	4.90		0.1929	52.0	86.0
0.79	68	0.0311	10.0	30.0	1.85	49	0.0728	22.0	46.0	3.18	1/8	0.1251	36.0	65.0	4.92	10	0.1937	52.0	86.0
0.80		0.0314	10.0	30.0	1.90		0.0748	22.0	46.0	3.20		0.1259	36.0	65.0	4.98	9	0.1960	52.0	86.0
0.81	67	0.0318	10.0	30.0	1.93	48	0.0759	24.0	49.0	3.25		0.1279	36.0	65.0	5.00		0.1968	52.0	86.0
0.82		0.0322	10.0	30.0	1.95		0.0767	24.0	49.0	3.26	30	0.1283	36.0	65.0	5.06	8	0.1992	52.0	86.0
0.84	66	0.0330	10.0	30.0	1.98	5/64	0.0779	24.0	49.0	3.30		0.1299	36.0	65.0	5.10		0.2007	52.0	86.0
0.85		0.0334	10.0	30.0	1.99	47	0.0783	24.0	49.0	3.40		0.1338	39.0	70.0	5.11	7	0.2011	52.0	86.0
0.88		0.0346	11.0	32.0	2.00		0.0787	24.0	49.0	3.45	29	0.1358	39.0	70.0	5.16	13/64	0.2031	52.0	86.0
0.89	65	0.0350	11.0	32.0	2.05		0.0807	24.0	49.0	3.50		0.1377	39.0	70.0	5.18	6	0.2039	52.0	86.0
0.90		0.0354	11.0	32.0	2.06	46	0.0811	24.0	49.0	3.57	9/64	0.1405	39.0	70.0	5.20		0.2047	52.0	86.0
0.91	64	0.0358	11.0	32.0	2.08	45	0.0818	24.0	49.0	3.57	28	0.1405	39.0	70.0	5.22	5	0.2055	52.0	86.0
0.92		0.0362	11.0	32.0	2.10		0.0826	24.0	49.0	3.60		0.1417	39.0	70.0	5.25		0.2066	52.0	86.0

SHERWOOD QUALITY CUTTING TOOLS

HSS Jobber Drills
Metric - Steam Tempered

HSS

METRIC

DIN 338 / BS 328

For Dimensions See Pages 31 - 32

General purpose drills for steels, cast steel, grey cast iron, malleable cast iron, nickel brass, aluminium alloy and graphite.

- Point angle: 118°,
- Helix angle: normal
- Web thickness: standard
- Relief angle: 10° - 20°
- Tolerance of diameter: h8
- Tolerance of shank: f11

Manufactured to **BS 328/DIN 338RN**.

Black Finish (W-Finish)

This is the most common surface finish and is the result of a steam tempering operation in which steam is passed over the product during a controlled tempering cycle, producing a black oxide layer. Black tools are generally recommended for ferrous applications where the oxide layer aids chip flow, helps to dissipate heat by retaining some coolant on the tool surface and also helps to prevent the tool from staining.

For Bright Finish Jobber Drills see page 35

Dia. (mm)	Flute Length (mm)	Overall Length (mm)	Order Code SHR-025 Series J100
0.25	3	19	-0010X
0.3	3	19	-0012A
0.35	4	19	-0014F
0.4	5	20	-0016L
0.42	5	20	-0017N
0.5	6	22	-0020R
0.55	7	24	-0022T
0.6	7	24	-0024W
0.65	8	26	-0026Y
0.7	9	28	-0028A
0.72	9	28	-0029B
0.75	9	28	-0030C
0.78	10	30	-0031D
0.8	10	30	-0032E
0.82	10	30	-0033F
0.85	10	30	-0034G
0.88	11	32	-0035H
0.9	11	32	-0036J
0.95	11	32	-0038L
0.98	12	34	-0039M
1	12	34	-4574A
1.05	12	34	-4575B
1.1	14	36	-4576C
1.15	14	36	-4577D
1.2	16	38	-4578E
1.25	16	38	-4579F
1.3	16	38	-4580G
1.35	18	40	-4581H
1.4	18	40	-4582J
1.45	18	40	-4583K
1.5	18	40	-4584L
1.55	20	43	-4585M
1.6	20	43	-4586N
1.65	20	43	-4587P
1.7	20	43	-4588Q
1.75	22	46	-4589R
1.8	22	46	-4590S
1.85	22	46	-4591T
1.9	22	46	-4592V
1.95	24	49	-4593W
2	24	49	-4594X
2.05	24	49	-4595Y
2.1	24	49	-4596Z
2.15	27	53	-4597A
2.2	27	53	-4598B
2.25	27	53	-4599C
2.3	27	53	-4600D

Dia. (mm)	Flute Length (mm)	Overall Length (mm)	Order Code SHR-025 Series J100
2.35	27	53	-4601E
2.4	30	57	-4602F
2.45	30	57	-4603G
2.5	30	57	-4604H
2.55	30	57	-4605J
2.6	30	57	-4606K
2.65	30	57	-4607L
2.7	33	61	-4608M
2.75	33	61	-4609N
2.8	33	61	-4610P
2.85	33	61	-4611Q
2.9	33	61	-4612R
2.95	33	61	-4613S
3	33	61	-4614T
3.1	36	65	-4615V
3.15	36	65	-4616W
3.2	36	65	-4617X
3.25	36	65	-4618Y
3.3	36	65	-4619Z
3.4	39	70	-4620A
3.45	39	70	-4621B
3.5	39	70	-4622C
3.6	39	70	-4623D
3.65	39	70	-4624E
3.7	39	70	-4625F
3.75	39	70	-4626G
3.8	43	75	-4627H
3.9	43	75	-4628J
4	43	75	-4629K
4.05	43	75	-4630L
4.1	43	75	-4631M
4.2	43	75	-4632N
4.25	43	75	-4633P
4.3	47	80	-4634Q
4.4	47	80	-4635R
4.5	47	80	-4636S
4.6	47	80	-4637T
4.7	47	80	-4638V
4.75	47	80	-4639W
4.8	52	86	-4640X
4.85	52	86	-4641Y
4.9	52	86	-4642Z
5	52	86	-4643A
5.1	52	86	-4644B
5.2	52	86	-4645C
5.25	52	86	-4646D
5.3	52	86	-4647E
5.4	57	93	-4648F
5.5	57	93	-4649G
5.6	57	93	-4650H
5.7	57	93	-4651J
5.75	57	93	-4652K

JOBBER DRILLS

SHERWOOD QUALITY CUTTING TOOLS

HSS Jobber Drills
Metric - Steam Tempered

HSS

METRIC

DIN 338 / BS 328

For Dimensions See Pages 31 - 32

General purpose drills for steels, cast steel, grey cast iron, malleable cast iron, nickel brass, aluminium alloy and graphite.
- Point angle: 118°,
- Helix angle: normal
- Web thickness: standard
- Relief angle: 10° - 20°
- Tolerance of diameter: h8
- Tolerance of shank: f11

Manufactured to **BS 328/DIN 338RN**.

Black Finish (W-Finish)
This is the most common surface finish and is the result of a steam tempering operation in which steam is passed over the product during a controlled tempering cycle, producing a black oxide layer. Black tools are generally recommended for ferrous applications where the oxide layer aids chip flow, helps to dissipate heat by retaining some coolant on the tool surface and also helps to prevent the tool from staining.

For Bright Finish Jobber Drills see page 35

Series J100

Dia. (mm)	Flute Length (mm)	Overall Length (mm)	Order Code SHR-025	Price/1 RND
0.25	3	19	-4653L	R_.__
0.3	3	19	-4654M	R_.__
0.35	4	19	-4655N	R_.__
0.4	5	20	-4656P	R_.__
0.42	5	20	-4657Q	R_.__
0.45	5	20	-4658R	R_.__
0.48	5	20	-4659S	R_.__
0.5	6	22	-4660T	R_.__
0.52	6	22	-4661V	R_.__
0.55	7	24	-4662W	R_.__
0.58	7	24	-4663X	R_.__
0.6	7	24	-4664Y	R_.__
0.62	8	26	-4665Z	R_.__
0.65	8	26	-4666A	R_.__
0.7	9	28	-4667B	R_.__
0.72	9	28	-4668C	R_.__
0.75	9	28	-4669D	R_.__
0.78	10	30	-4670E	R_.__
0.8	10	30	-4671F	R_.__
0.82	10	30	-4672G	R_.__
0.85	10	30	-4673H	R_.__
0.88	11	32	-4674J	R_.__
0.9	11	32	-4675K	R_.__
0.92	11	32	-4676L	R_.__
0.95	11	32	-4677M	R_.__
0.98	12	34	-4678N	R_.__
1	12	34	-4679P	R_.__
1.05	12	34	-4680Q	R_.__
1.1	14	36	-4681R	R_.__
1.15	14	36	-4682S	R_.__
1.2	16	38	-4683T	R_.__
1.25	16	38	-4684V	R_.__
1.3	16	38	-4685W	R_.__
1.35	18	40	-4686X	R_.__
1.4	18	40	-4687Y	R_.__
1.45	18	40	-4688Z	R_.__
1.5	18	40	-4689A	R_.__
1.55	20	43	-4690B	R_.__
1.6	20	43	-4691C	R_.__
1.7	20	43	-4692D	R_.__
1.75	22	46	-4693E	R_.__
1.8	22	46	-4694F	R_.__
1.85	22	46	-4695G	R_.__
1.9	22	46	-4696H	R_.__
1.95	24	49	-4697J	R_.__
2	24	49	-4698K	R_.__
2.05	24	49	-4699L	R_.__
2.1	24	49	-4700M	R_.__
2.15	27	53	-4701N	R_.__
2.2	27	53	-4702P	R_.__
2.25	27	53	-4703Q	R_.__

Series J100

Dia. (mm)	Flute Length (mm)	Overall Length (mm)	Order Code SHR-025	Price/1 RND
10.3	87	133	-4704R	R_.__
10.4	87	133	-4705S	R_.__
10.5	87	133	-4706T	R_.__
10.6	87	133	-4707V	R_.__
10.7	94	142	-4708W	R_.__
10.8	94	142	-4709X	R_.__
10.9	94	142	-4710Y	R_.__
11	94	142	-4711Z	R_.__
11.1	94	142	-4712A	R_.__
11.2	94	142	-4713B	R_.__
11.3	94	142	-4714C	R_.__
11.4	94	142	-4715D	R_.__
11.5	94	142	-4716E	R_.__
11.6	94	142	-4717F	R_.__
11.7	94	142	-4718G	R_.__
11.8	94	142	-4719H	R_.__
11.9	101	151	-4720J	R_.__
12	101	151	-4721K	R_.__
12.1	101	151	-4722L	R_.__
12.2	101	151	-4723M	R_.__
12.25	101	151	-4724N	R_.__
12.3	101	151	-4725P	R_.__
12.4	101	151	-4726Q	R_.__
12.5	101	151	-4727R	R_.__
12.6	101	151	-4728S	R_.__
12.7	101	151	-4729T	R_.__
12.8	101	151	-4730V	R_.__
12.9	101	151	-4731W	R_.__
13.1	101	151	-0202P	R_.__
13.2	101	151	-0203Q	R_.__
13.3	108	160	-0205S	R_.__
13.5	108	160	-0207V	R_.__
13.6	108	160	-0208W	R_.__
13.7	108	160	-0209X	R_.__
13.75	108	160	-0210Y	R_.__
13.8	108	160	-0211N	R_.__
13.9	108	160	-0212A	R_.__
14	108	160	-0213B	R_.__
14.25	114	169	-0214C	R_.__
14.5	114	169	-0215D	R_.__
14.75	114	169	-0216E	R_.__
15	114	169	-0217F	R_.__
15.25	120	178	-0218G	R_.__
15.5	120	178	-0219H	R_.__
15.75	120	178	-0220J	R_.__
16	120	178	-0221K	R_.__
16.5	125	184	-0222L	R_.__
17	125	184	-0223M	R_.__
17.5	130	191	-0224N	R_.__
18	130	191	-0225P	R_.__
18.5	135	198	-0226Q	R_.__
19	135	198	-0227R	R_.__
19.5	140	205	-0228S	R_.__
20	140	205	-0229T	R_.__

SHERWOOD QUALITY CUTTING TOOLS HSS Jobber Drills - Bright Finish

General purpose drills for steels, cast steel, grey cast iron, malleable cast iron, nickel brass, aluminium alloy and graphite.
Point angle: 118°, helix angle: normal, web thickness: standard, relief angle: 10° - 20°, tolerance of diameter: h8, tolerance of shank: f11.
Manufactured to **BS 328/DIN 338RN**.

Bright Finish
Drills with a bright finish are supplied
in the as-ground condition and such tools are used generally in the machining of non-ferrous materials.

DIN 338 / BS 328 — For Dimensions See Pages 31 - 32

PRICED PER 1

Drill Dia. Metric mm	Order Code SHR-025	Drill Dia. Metric mm	Order Code SHR-025	Drill Dia. Metric mm	Order Code SHR-025	Drill Dia. Metric mm	Order Code SHR-025	Drill Dia. Metric mm	Order Code SHR-025	Drill Dia. Metric mm	Order Code SHR-025
1	-4752A	2.6	-4769T	4.3	-4786M	6	-4803F	8.2	-4825E	12.3	-4860S
1.1	-4753B	2.7	-4770V	4.4	-4787N	6.1	-4804G	8.3	-4826F	12.4	-4861T
1.2	-4754C	2.8	-4771W	4.5	-4788P	6.2	-4805H	8.5	-4828H	12.5	-4862V
1.3	-4755D	2.9	-4772X	4.6	-4789Q	6.3	-4806J	8.7	-4830K	13	-4865Y
1.4	-4756E	3	-4773Y	4.7	-4790R	6.4	-4807K	8.8	-4831L	13.20	-0240T
1.5	-4757F	3.1	-4774Z	4.8	-4791S	6.5	-4808L	9	-4833N	14.00	-0241C
1.6	-4758G	3.2	-4775A	4.9	-4792T	6.6	-4809M	9.1	-4834P	14.50	-0241E
1.7	-4759H	3.3	-4776B	5	-4793V	6.7	-4810N	9.4	-4837S	15.00	-0241G
1.8	-4760J	3.4	-4777C	5.1	-4794W	6.8	-4811P	9.5	-4838T	16.00	-0241L
1.9	-4761K	3.5	-4778D	5.2	-4795X	6.9	-4812Q	9.6	-4839V	16.50	-0241P
1.95	-4762L	3.6	-4779E	5.3	-4796Y	7	-4813R	10	-4843Z	17.00	-0241R
2	-4763M	3.7	-4780F	5.4	-4797Z	7.1	-4814S	10.2	-4845B	17.50	-0241T
2.1	-4764N	3.8	-4781G	5.5	-4798A	7.2	-4815T	10.5	-4847D	18.00	-0241V
2.2	-4765P	3.9	-4782H	5.6	-4799B	7.3	-4816V	11	-4851H	18.50	-0241X
2.3	-4766Q	4	-4783J	5.7	-4800C	7.4	-4817W	11.5	-4854L	19.00	-0241Z
2.4	-4767R	4.1	-4784K	5.8	-4801D	7.5	-4818X	11.8	-4856N	20.00	-0242D
2.5	-4768S	4.2	-4785L	5.9	-4802E	8	-4823C	12	-4857P		

SHERWOOD QUALITY CUTTING TOOLS HSS Jobber Drill Sets

Industrial quality. Ground flute, blue finish. Supplied in indexing metal cases.
Manufactured to **BS 328 : Part 1 DIN 338N & ANSI B94 - 11M**.

25 PIECES

x 0.5mm
1.0 ~ 13.0

(mm)	2.5	4.5	6.5	8.5	10.5	12.5
1.0	3.0	5.0	7.0	9.0	11.0	13.0
1.5	3.5	5.5	7.5	9.5	11.5	
2.0	4.0	6.0	8.0	10.0	12.0	

Number of Pieces	Order Code SHR-025
25	-8500K

SHERWOOD QUALITY CUTTING TOOLS HSS Jobber Drill Sets - Bright Finish

Industrial quality. Ground flute.
Supplied in indexing metal cases.
Manufactured to **BS 328 : Part 1 : 1986, DIN 338N & ANSI B94 - 11M**.

DIN 338 / BS 328 — For Dimensions See Pages 31 - 32

Bright Finish

25 PIECES

x 0.5mm
1.0 ~ 13.0

(mm)	2.5	4.5	6.5	8.5	10.5	12.5
1.0	3.0	5.0	7.0	9.0	11.0	13.0
1.5	3.5	5.5	7.5	9.5	11.5	
2.0	4.0	6.0	8.0	10.0	12.0	

Number of Pieces	Order Code SHR-025
25	-8520K

Stub Drills

See our range

Scan the QR code

Jobber Drills

See our range

Scan the QR code

HSS Straight Shank Long Series Drills - Steam Tempered

HSS

General purpose drills which are designed to drill steels with tensile strength up to 1,000N/mm², cast steel, grey cast iron, malleable cast iron, nickel brass and graphite. Point angle: 118°, helix angle: normal, web thickness: normal, relief angle: 10° - 20°, tolerance of diameter: h8, tolerance of f11.
Manufactured to **BS 328; Part 1: 1986, DIN 340 RN, ISO 494**.

Series L100

Dia. (mm)	Flute Length	Overall Length	Order Code SHR-025
3.90	78.0	119.0	**-1464Y**
4.00	78.0	119.0	**-1465N**
4.10	78.0	119.0	**-1466A**
4.20	78.0	119.0	**-1467B**
4.30	82.0	126.0	**-1469D**
4.50	82.0	126.0	**-1471F**
4.70	82.0	126.0	**-1473H**
4.80	87.0	132.0	**-1475K**
4.90	87.0	132.0	**-1476L**
5.00	87.0	132.0	**-1477M**
5.10	87.0	132.0	**-1478N**
5.20	87.0	132.0	**-1479P**
5.30	87.0	132.0	**-1481R**
5.40	91.0	139.0	**-1482S**
5.50	91.0	139.0	**-1483T**
5.90	91.0	139.0	**-1488N**
6.00	91.0	139.0	**-1489A**
6.10	79.0	148.0	**-1490B**
6.20	97.0	148.0	**-1491C**
6.30	97.0	148.0	**-1493E**
6.40	97.0	148.0	**-1494F**
6.50	97.0	148.0	**-1495G**
6.60	97.0	148.0	**-1496H**
6.70	97.0	148.0	**-1497J**
6.80	102.0	156.0	**-1499L**

Dia. (mm)	Flute Length	Overall Length	Order Code SHR-025
6.90	102.0	156.0	**-1500M**
7.00	102.0	156.0	**-1501N**
1.00	33.0	56.0	**-1420A**
1.50	45.0	70.0	**-1425F**
1.60	50.0	76.0	**-1426G**
1.70	50.0	76.0	**-1427H**
1.80	53.0	80.0	**-1429K**
1.90	53.0	80.0	**-1431M**
2.00	56.0	85.0	**-1433P**
2.10	56.0	85.0	**-1435R**
2.30	59.0	90.0	**-1439W**
2.40	62.0	95.0	**-1441Y**
2.50	62.0	95.0	**-1443A**
2.60	62.0	95.0	**-1445C**
2.80	66.0	100.0	**-1449G**
2.90	66.0	100.0	**-1451J**
3.00	66.0	100.0	**-1453L**
3.10	69.0	106.0	**-1454M**
3.20	69.0	106.0	**-1455N**
3.30	69.	106.0	**-1457Q**
3.40	73.0	112.0	**-1458R**
3.50	73.0	112.0	**-1459S**
3.60	73.0	112.0	**-1460T**
3.70	73.0	112.0	**-1461V**
3.80	78.0	119.0	**-1463X**

Dia. (mm)	Flute Length	Overall Length	Order Code SHR-025
7.20	102.0	156.0	**-1503Q**
7.50	102.0	156.0	**-1507V**
7.70	109.0	165.0	**-1509X**
8.00	109.0	165.0	**-1513B**
8.20	109.0	165.0	**-1515D**
8.30	109.0	165.0	**-1517F**
8.50	109.0	165.0	**-1519H**
8.70	115.0	175.0	**-1521K**
9.00	115.0	175.0	**-1525P**
9.50	115.0	175.0	**-1531W**
10.00	121.0	184.0	**-1537C**
10.10	121.0	184.0	**-1538D**
10.20	121.0	184.0	**-1539E**
10.40	121.0	184.0	**-1542H**
10.50	121.0	184.0	**-1543J**
11.00	128.0	195.0	**-1549Q**
11.50	128.0	195.0	**-1555X**
11.80	128.0	195.0	**-1559B**
12.00	134.0	205.0	**-1561D**
12.50	134.0	205.0	**-1567K**
13.00	134.0	205.0	**-1573R**

HSS Straight Shank Long Series Drills Bright Finish

HSS

General purpose drills to drill steels with tensile strength up to 1,000N/mm², cast steel, grey cast iron, malleable cast iron, nickel brass and graphite. Point angle: 118°, helix angle: normal, web thickness: normal, relief angle: 10° - 20°, tolerance of diameter: h8, tolerance of f11. Manufactured to **BS 328; Part 1: 1986, DIN 340 RN, ISO 494**. Drills with a bright finish are supplied in the as-ground condition and such tools are used generally in the machining of non-ferrous materials.

Series L100 - Bright Finish

Dia. (mm)	Flute Length	Overall Length	Order Code SHR-025
1.00	33.0	56.0	**-1630A**
1.20	41.0	65.0	**-1630E**
1.50	45.0	70.0	**-1630J**
2.00	56.0	85.0	**-1630Q**
2.50	62.0	95.0	**-1630Y**
2.80	66.0	100.0	**-1631B**
3.00	66.0	100.0	**-1631H**
3.20	69.0	106.0	**-1631N**

Dia. (mm)	Flute Length	Overall Length	Order Code SHR-025
3.30	69.0	106.0	**-1631Q**
3.50	73.0	112.0	**-1631V**
4.00	78.0	119.0	**-1632C**
4.20	78.0	119.0	**-1632F**
4.50	82.0	126.0	**-1632L**
5.00	87.0	132.0	**-1632W**
6.00	91.0	139.0	**-1633P**
6.30	97.0	148.0	**-1633S**

Dia. (mm)	Flute Length	Overall Length	Order Code SHR-025
6.50	97.0	148.0	**-1633X**
6.80	120.0	156.0	**-1634D**
7.00	120.0	156.0	**-1634H**
8.00	109.0	165.0	**-1635A**
8.50	109.0	165.0	**-1635L**
10.00	121.0	184.0	**-1636N**
12.00	134.0	205.0	**-1637P**

SHERWOOD QUALITY CUTTING TOOLS

HSS Taper Shank Drills Metric

To drill steels with a tensile strength up to 1,000 N/mm², cast steel, grey cast iron, malleable cast iron, nickel brass and graphite. Point angle: 118°, helix angle: normal, relief angle: normal, tolerance of diameter: h8.
Manufacturing Standard: **DIN 345**.

DIN 345

≥ 4.00 mm
≤ 15.75 mm

Series T100

Dia. (mm)	Flute Length	Overall Length	Order Code SHR-025
1 Morse Taper			
4.00	43	123	**-2646S**
4.10	43	123	**-2647T**
4.20	43	123	**-2648V**
4.50	47	123	**-2652N**
5.00	52	133	**-2658F**
5.50	57	138	**-2664M**
6.00	57	138	**-2670T**
6.50	63	144	**-2676A**
6.60	63	144	**-2677B**
6.80	69	150	**-2680E**
7.00	69	150	**-2682G**
7.50	69	150	**-2688N**
8.00	75	156	**-2694W**
8.20	75	156	**-2696Y**
8.50	75	156	**-2700C**
8.60	81	162	**-2701D**

Series T100

Dia. (mm)	Flute Length	Overall Length	Order Code SHR-025
9.00	81	162	**-2706J**
9.50	81	162	**-2712Q**
10.00	87	168	**-2718X**
10.20	87	168	**-2720N**
10.50	87	168	**-2724D**
11.00	94	175	**-2730K**
11.50	94	175	**-2736R**
12.00	101	182	**-2742Y**
12.20	101	182	**-2744A**
12.50	101	182	**-2748E**
13.00	101	182	**-2754L**
13.50	108	189	**-2760S**
14.00	108	189	**-2766N**
2 Morse Taper			
14.50	114	212	**-2768B**
15.00	114	212	**-2770D**
15.50	120	218	**-2772F**

DIN 345

≥ 16.00 mm
≤ 50.00 mm

Series T100

Dia. (mm)	Flute Length	Overall Length	Order Code SHR-025
2 Morse Taper			
16.00	120	218	**-2774H**
16.50	125	223	**-2776K**
17.00	125	223	**-2778M**
17.50	130	228	**-2780P**
18.00	130	228	**-2782R**
18.50	135	233	**-2784T**
19.00	135	233	**-2786W**
19.50	140	238	**-2788Y**
20.00	140	238	**-2790A**
20.50	145	243	**-2793D**
21.00	145	243	**-2795F**
21.50	150	248	**-2797H**
22.00	150	248	**-2799K**
22.50	150	248	**-2801M**
23.00	150	248	**-2803P**
3 Morse Taper			
23.50	150	248	**-2805R**
24.00	160	281	**-2807T**
24.50	160	281	**-2809W**

Series T100

Dia. (mm)	Flute Length	Overall Length	Order Code SHR-025
25.00	160	281	**-2811Y**
26.00	165	286	**-2815C**
27.00	170	291	**-2819G**
28.00	170	291	**-2823L**
29.00	175	296	**-2827Q**
30.00	175	296	**-2831V**
31.00	180	301	**-2835N**
4 Morse Taper			
32.00	185	334	**-2839D**
33.00	185	334	**-2842G**
34.00	190	339	**-2844J**
35.00	190	339	**-2846L**
36.00	195	344	**-2848N**
37.00	195	334	**-2850Q**
38.00	200	349	**-2852S**
39.00	200	349	**-2854V**
40.00	200	349	**-2856X**
45.00	210	359	**-2866H**
50.00	220	369	**-2876T**

REDUCED SHANK DRILLS

HSS Reduced Shank Drills (Blacksmiths)

HSS

General purpose drills for light duty work, for drilling steels, cast iron, nickel brass and graphite. Reduced parallel shank ½". Point angle: 118°, helix angle: normal, web thickness: standard, tolerance of diameter: h8, tolerance of shank: 0.01/0.08. Manufactured to works standard.

Metric

Dia. (mm)	Flute Length	Overall Length	Order Code SHR-025
13.0	78	150	**-1805A**
13.5	78	150	**-1805B**
14.0	78	150	**-1806C**
14.5	78	150	**-1806D**
15.0	78	150	**-1807E**
15.5	78	150	**-1807F**
16.0	78	150	**-1808G**
16.5	78	150	**-1808H**
17.0	78	150	**-1809J**

Dia. (mm)	Flute Length	Overall Length	Order Code SHR-025
17.5	78	150	**-1809K**
18.0	78	150	**-1810L**
18.5	78	150	**-1810M**
19.0	78	150	**-1811N**
19.5	85	150	**-1811P**
20.0	85	150	**-1812Q**
21.0	85	150	**-1813R**
22.0	85	150	**-1814S**
23.0	85	150	**-1815T**

Dia. (mm)	Flute Length	Overall Length	Order Code SHR-025
24.0	85	150	**-1816V**
25.0	85	150	**-1817W**
26.0	85	150	**-1818X**
27.0	85	150	**-1819Y**
28.0	85	150	**-1820Z**
29.0	85	150	**-1821A**
30.0	85	150	**-1822B**
32.0	85	150	**-1824D**

Bright Finish - TiN Tipped

HSS TiN-tip

Metric

Dia. (mm)	Flute Length	Overall Length	Order Code SHR-025
14.0	78	150	**-1736C**
15.0	78	150	**-1737E**
16.0	78	150	**-1738G**

Dia. (mm)	Flute Length	Overall Length	Order Code SHR-025
17.0	78	150	**-1739J**
18.0	78	150	**-1740L**
19.0	78	150	**-1741P**

Dia. (mm)	Flute Length	Overall Length	Order Code SHR-025
20.0	85	150	**-1742Q**
22.0	85	150	**-1744S**
25.0	85	150	**-1747W**

HSS Spotting Drills

HSS-E

Special drill for accurate and fast spotting on NC machines, jig drills and other capital-intensive boring machines.
For countersinking and chamfering of tapping holes in one operation. Only suitable for shallow depth drilling.

90° Point - Series C520

Diam. (mm)	Flute Length	Overall Length	Order Code SHR-025
3.00	12.0	46.0	**-2528Y**
4.00	12.0	46.0	**-2528Z**
5.00	14.0	62.0	**-2529B**
6.00	16.0	66.0	**-2529A**
8.00	21.0	79.0	**-2530B**

Diam. (mm)	Flute Length	Overall Length	Order Code SHR-025
10.00	24.0	89.0	**-2531C**
12.00	30.0	102.0	**-2532D**
14.00	33.0	107.0	**-2532N**
16.00	35.0	115.0	**-2533E**
20.00	40.0	131.0	**-2534F**

90° Point Set
Contents: 4.00, 6.00, 8.00, 10.00 and 12.00mm.

5 PIECES

Number of Pieces	Order Code SHR-025
5	**-9200K**

120° Point - Series C530

Diam. (mm)	Flute Length	Overall Length	Order Code SHR-025
6.00	20.0	66.0	**-2535G**
8.00	16.0	79.0	**-2536H**
10.00	21.0	89.0	**-2537J**

Diam. (mm)	Flute Length	Overall Length	Order Code SHR-025
12.00	30.0	102.0	**-2538K**
16.00	35.0	115.0	**-2539L**
20.00	40.0	131.0	**-2540M**

Spotting Drills - Metric

Scan the QR code

Spotting Drills - Inch

Scan the QR code

HSS Centre Drills

HSS

INCH

Designed with spiral flutes and various lengths and forms to give high quality centre holes that suit most applications. 60° inclusive angle.
Manufactured to **BS 328 : Part 2 : 1986, DIN 333A, ISO 866, ISO 2540, ISO 2541.**

Inch Series
Series C100

Size	Diameter Body	Diameter Pilot	Pilot Length Min.	Pilot Length Max.	Overall Length	Order Code SHR-025
BS00	1/8"	0.025"	0.025"	0.030"	1 1/8"	**-1827L**
BS0	1/8"	1/32"	3/64"	1/16"	1 1/4"	**-1828M**
BS1	1/8"	3/64"	1/16"	5/64"	1 1/2"	**-1829A**
BS2	3/16"	1/16"	5/64"	3/32"	1 3/4"	**-1830B**
BS3	1/4"	3/32"	1/8"	5/32"	2"	**-1831C**
BS4	5/16"	1/8"	5/32"	3/16"	2 1/4"	**-1832D**
BS5	7/16"	3/16"	1/4"	9/32"	2 1/2"	**-1833E**
BS6	5/8"	1/4"	5/16"	3/8"	3"	**-1835G**

HSS Centre Drills

HSS

METRIC

Designed with spiral flutes and various lengths and forms to give high quality centre holes that suit most applications. 60° inclusive angle. Manufactured to **BS 328 : Part 2 : 1986, DIN 333A, ISO 866, ISO 2540, ISO 2541.**

C100 Series - Metric

Diameter Body	Diameter Pilot	Pilot Length Min	Pilot Length Max	Overall Length	Order Code SHR-025
3.15	0.80	1.1	1.5	31.5	**-1843X**
3.15	1.00	1.3	1.9	31.5	**-1844A**
3.15	1.25	1.6	2.2	31.5	**-1845B**
4.00	1.60	2.0	2.8	35.5	**-1846C**
5.00	2.00	2.5	3.3	40.0	**-1847D**
6.30	2.50	3.1	4.1	45.0	**-1848E**
8.00	3.15	3.9	4.9	50.0	**-1849F**
10.00	4.00	5.0	6.2	56.0	**-1850G**
12.50	5.00	6.3	7.5	63.0	**-1851H**
16.00	6.30	8.0	9.2	71.0	**-1852J**
20.00	8.00	10.0	11.5	83.0	**-1852M**
25.00	10.00	12.8	14.2	103.0	**-1852N**

HSS Metric Set

HSS

60° inclusive angle.
Manufactured to
BS 328 : Part 2 : 1986, DIN 333A, ISO 866, ISO 2540, ISO 2541.
Sizes: 5 x 2mm, 6.3 x 2.5mm, 8 x 3.15mm 10 x 4mm and 12.5 x 5mm.

Weight each	Order Code SHR-025
120g	**-9150K**

HSS BS Set

HSS

60° inclusive angle.
Manufactured to
BS 328 : Part 2 : 1986, DIN 333A, ISO 866, ISO 2540,ISO 2541.
Sizes: BS1, BS2, BS3, BS4 and BS5.

Weight each	Order Code SHR-025
114g	**-9160K**

Vent & Micro Precision Drills

Scan the QR code

LONG/EXTRA LENGTH DRILLS

HSS Long Series Drill Set

Used for deep hole drilling in most materials. (Not suitable for the drilling of holes in crankshafts.)
Manufactured to **BS 328 : Part 1 : 1986**.

10 PIECES

mm
2.0 ~ 10.0

2.0 x 85mm	4.0 x 119mm	8.0 x 165mm
2.5 x 95mm	4.5 x 126mm	10.0 x 184mm
3.0 x 100mm	5.0 x 132mm	
3.5 x 112mm	6.0 x 139mm	

Number of Pieces	Order Code SHR-025
10	-8540K

HSS Extra Length Drill Set

HSS

Used for deep hole drilling in most materials. (Not suitable for the drilling of holes in crankshafts.) Manufactured to **BS 328 : Part 1 : 1986**.

6 PIECES

mm
3.0 ~ 10.0

3.0 x 160mm	6.0 x 200mm
4.0 x 160mm	8.0 x 250mm
5.0 x 200mm	10.0 x 250mm

Number of Pieces	Order Code SHR-025
6	-8600K

HSS Ground Flute Jobber Drill Set

General purpose drills for steels, cast steel, grey cast iron, malleable cast iron, nickel brass, aluminium alloy and graphite. Industrial quality. Ground flute, blue finish. Supplied in indexing metal cases.
Point angle: 118
Helix angle: normal
Web thickness: standard
Relief angle: 10-20
Tolerance of diameter: h8
Tolerance of shank: f11.
Manufactured to **BS328 : Part 1 DIN 338N & ANSI B94 - 11M.**
Set contains: Gauge 1-60.

GAUGE
No.1 to 60
Inclusive

60 PIECES

Number of Pieces	Order Code SHR-025
60	-8880K

SHERWOOD QUALITY CUTTING TOOLS

HSS Jobber Drills
Inch/Metric - Bright Finish

HSS

General purpose drills for steels, cast steel, grey cast iron, malleable cast iron, nickel brass, aluminium alloy and graphite.
Point angle: 118°
Helix angle: normal
Web thickness: standard
Relief angle: 10° - 20°
Tolerance of diameter: h8
Tolerance of shank: f11.

Manufactured to **BS 328/DIN338RN**.

Bright Finish
Drills with a bright finish are supplied in the as-ground condition and such tools are used generally in the machining of non-ferrous materials.

PRICED PER 1

INCH

Dia. (mm)	Order Code SHR-025
13/64"	-4885K
7/32"	-4886L
15/64"	-4887M
17/64"	-4889P
9/32"	-4890Q
21/64"	-4893T
11/32"	-4894V
23/64"	-4895W
3/8"	-4896X
25/64"	-4897Y
13/32"	-4898Z
7/16"	-4899A
29/64"	-4900B
1/2"	-4901C

DIN 338 BS 328

For Dimensions See Pages 31 - 32

PRICED PER 1

METRIC

Dia. (mm)	Order Code SHR-025
7.60	-4819Y
7.70	-4820Z
7.80	-4821A
7.90	-4822B
8.10	-4824D
8.40	-4827G
8.60	-4829J
8.90	-4832M
9.20	-4835Q
9.30	-4836R
9.70	-4840W
9.80	-4841X

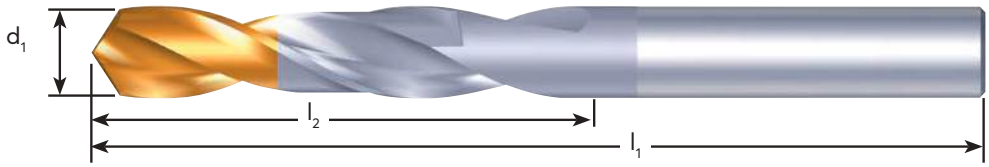
Dia. (mm)	Order Code SHR-025
9.90	-4842Y
10.10	-4844A
10.30	-4846C
10.70	-4848E
10.80	-4849F
10.90	-4850G
11.20	-4852J
11.40	-4853K
11.70	-4855M
12.10	-4858Q
12.20	-4859R
12.70	-4863W

Dia. (mm)	Order Code SHR-025
12.90	-4864X
13.70	-0240Z
13.80	-0241A
14.25	-0241D
14.75	-0241F
15.25	-0241H
15.50	-0241J
15.75	-0241K

STUB DRILLS

Dimensions - Stub Drills to BS 328 / DIN 1897

The majority of stub drills featured in this catalogue comply with the above standards in terms of overall and working dimensions. The tables of sizes below apply to all of these products. In order to save space in the catalogue we are not repeating these dimensions after this page. Any drills which are made to different standards/dimensions will have them printed accordingly in the tables for those products.



d_1 mm h_8	Inch	Inch Dec.	l_2 mm	l_1 mm
0.50		0.0196	3.0	20.0
0.60		0.0236	3.5	21.0
0.70		0.0275	4.5	23.0
0.79	1/32	0.0312	5.0	24.0
0.80		0.0314	5.0	24.0
0.90		0.0354	5.5	25.0
1.00		0.0393	6.0	26.0
1.10		0.0433	7.0	28.0
1.19	3/64	0.0468	8.0	30.0
1.20		0.0472	8.0	30.0
1.30		0.0511	8.0	30.0
1.40		0.0551	9.0	32.0
1.50		0.0590	9.0	32.0
1.59	1/16	0.0625	10.0	34.0
1.60		0.0629	10.0	34.0
1.70		0.0669	10.0	34.0
1.80		0.0708	11.0	36.0
1.90		0.0748	11.0	36.0
1.98	5/64	0.0779	12.0	38.0
2.00		0.0787	12.0	38.0
2.10		0.0826	12.0	38.0
2.20		0.0866	13.0	40.0
2.25		0.0885	13.0	40.0
2.30		0.0905	13.0	40.0
2.38	3/32	0.0937	14.0	43.0
2.40		0.0944	14.0	43.0
2.50		0.0984	14.0	43.0
2.60		0.1023	14.0	43.0
2.65		0.1043	14.0	43.0
2.70		0.1062	16.0	46.0
2.78	7/64	0.1094	16.0	46.0
2.80		0.1102	16.0	46.0
2.90		0.1141	16.0	46.0
3.00		0.1181	16.0	46.0
3.10		0.1220	18.0	49.0
3.18	1/8	0.1251	18.0	49.0
3.20		0.1259	18.0	49.0
3.25		0.1279	18.0	49.0
3.30		0.1299	18.0	49.0
3.40		0.1338	20.0	52.0
3.50		0.1377	20.0	52.0
3.57	9/64	0.1405	20.0	52.0
3.60		0.1417	20.0	52.0
3.70		0.1456	20.0	52.0

d_1 mm h_8	Inch	Inch Dec.	l_2 mm	l_1 mm
3.80		0.1496	22.0	55.0
3.90		0.1535	22.0	55.0
3.97	5/32	0.1562	22.0	55.0
4.00		0.1574	22.0	55.0
4.10		0.1614	22.0	55.0
4.20		0.1653	22.0	55.0
4.30		0.1692	24.0	58.0
4.37	11/64	0.1720	24.0	58.0
4.40		0.1732	24.0	58.0
4.50		0.1771	24.0	58.0
4.60		0.1811	24.0	58.0
4.70		0.1850	24.0	58.0
4.76	3/16	0.1874	26.0	62.0
4.80		0.1889	26.0	62.0
4.90		0.1929	26.0	62.0
5.00		0.1968	26.0	62.0
5.10		0.2007	26.0	62.0
5.16	13/64	0.2031	26.0	62.0
5.20		0.2047	26.0	62.0
5.30		0.2086	26.0	62.0
5.40		0.2125	28.0	66.0
5.50		0.2165	28.0	66.0
5.56	7/32	0.2188	28.0	66.0
5.60		0.2204	28.0	66.0
5.70		0.2244	28.0	66.0
5.80		0.2283	28.0	66.0
5.90		0.2322	28.0	66.0
5.95	15/64	0.2342	28.0	66.0
6.00		0.2362	28.0	66.0
6.10		0.2401	31.0	70.0
6.20		0.2440	31.0	70.0
6.30		0.2480	31.0	70.0
6.35	1/4	0.2500	31.0	70.0
6.40		0.2519	31.0	70.0
6.50		0.2559	31.0	70.0
6.60		0.2598	31.0	70.0
6.70		0.2637	31.0	70.0
6.80		0.2677	34.0	74.0
6.90		0.2716	34.0	74.0
7.00		0.2755	34.0	74.0
7.10		0.2795	34.0	74.0
7.14	9/32	0.2811	34.0	74.0
7.20		0.2834	34.0	74.0
7.30		0.2874	34.0	74.0

d_1 mm h_8	Inch	Inch Dec.	l_2 mm	l_1 mm
7.40		0.2913	34.0	74.0
7.50		0.2952	34.0	74.0
7.60		0.2992	37.0	79.0
7.70		0.3031	37.0	79.0
7.80		0.3070	37.0	79.0
7.90		0.3110	37.0	79.0
7.94	5/16	0.3125	37.0	79.0
8.00		0.3149	37.0	79.0
8.10		0.3188	37.0	79.0
8.20		0.3228	37.0	79.0
8.30		0.3267	37.0	79.0
8.40		0.3307	37.0	79.0
8.50		0.3346	37.0	79.0
8.60		0.3385	40.0	84.0
8.70		0.3425	40.0	84.0
8.73	11/32	0.3437	40.0	84.0
8.80		0.3464	40.0	84.0
8.90		0.3503	40.0	84.0
9.00		0.3543	40.0	84.0
9.10		0.3582	40.0	84.0
9.20		0.3622	40.0	84.0
9.30		0.3661	40.0	84.0
9.40		0.3700	40.0	84.0
9.50		0.3740	40.0	84.0
9.53	3/8	0.3751	43.0	89.0
9.60		0.3779	43.0	89.0
9.70		0.3818	43.0	89.0
9.80		0.3858	43.0	89.0
9.90		0.3897	43.0	89.0
10.00		0.3937	43.0	89.0
10.10		0.3976	43.0	89.0
10.20		0.4015	43.0	89.0
10.30		0.4055	43.0	89.0
10.32	13/32	0.4062	43.0	89.0
10.40		0.4094	43.0	89.0
10.50		0.4133	43.0	89.0
10.60		0.4173	43.0	89.0
10.70		0.4212	47.0	95.0
10.80		0.4251	47.0	95.0
10.90		0.4291	47.0	95.0
11.00		0.4330	47.0	95.0
11.10		0.4370	47.0	95.0
11.11	7/16	0.4374	47.0	95.0
11.20		0.4409	47.0	95.0

d_1 mm h_8	Inch	Inch Dec.	l_2 mm	l_1 mm
11.30		0.4448	47.0	95.0
11.50		0.4527	47.0	95.0
11.60		0.4566	47.0	95.0
11.70		0.4606	47.0	95.0
11.80		0.4645	47.0	95.0
11.90		0.4685	51.0	102.0
12.00		0.4724	51.0	102.0
12.10		0.4763	51.0	102.0
12.20		0.4803	51.0	102.0
12.50		0.4921	51.0	102.0
12.70	1/2	0.5000	51.0	102.0
13.00		0.5118	51.0	102.0
13.50		0.5314	54.0	107.0
14.00		0.5511	54.0	107.0
14.29	9/16	0.5625	56.0	111.0
14.50		0.5708	56.0	111.0
15.00		0.5905	56.0	111.0
15.50		0.6102	58.0	115.0
15.88	5/8	0.6251	58.0	115.0
16.00		0.6299	58.0	115.0
16.50		0.6496	60.0	119.0
17.00		0.6692	60.0	119.0
17.46	11/16	0.6874	62.0	123.0
17.50		0.6889	62.0	123.0
18.00		0.7086	62.0	123.0
18.50		0.7283	64.0	127.0
19.00		0.7480	64.0	127.0
19.05	3/4	0.7500	66.0	131.0
19.50		0.7677	66.0	131.0
20.00		0.7874	66.0	131.0
20.50		0.8070	68.0	136.0
20.64	13/16	0.8125	68.0	136.0
21.00		0.8267	68.0	136.0
22.00		0.8661	70.0	141.0
22.23	7/8	0.8751	70.0	141.0
23.00		0.9055	72.0	146.0
23.81	15/16	0.9374	75.0	151.0
24.00		0.9448	75.0	151.0
25.00		0.9842	75.0	151.0
25.40	1"	1.0000	78.0	156.0
26.99	1 1/16	1.0625	81.0	162.0
28.58	1 1/8	1.1251	84.0	168.0
30.16	1 3/16	1.1874	87.0	174.0
31.75	1 1/4	1.2500	90.0	180.0

Bright Stub Drills

Scan the QR code

Black Oxide Stub Drills

Scan the QR code

HSS Straight Shank Long Series Drills - Steam Tempered

HSS

General purpose drills to drill steels with tensile strength up to 1,000N/mm², cast steel, grey cast iron, malleable cast iron, nickel brass and graphite. Point angle: 118°, helix angle: normal, web thickness: normal, relief angle: 10° - 20°, tolerance of diameter: h8, tolerance of f11.

Manufactured to **BS 328; Part 1: 1986, DIN 340 RN, ISO 494**.

Series L100 - Metric

Dia (mm)	Flute Length	Overall Length	Order Code **SHR-025**
2.20	59	90	**-1437T**
2.70	66	100	**-1447E**
3.25	69	106	**-1456P**
4.40	82	126	**-1470E**
4.60	82	126	**-1472G**
5.60	91	139	**-1484V**
5.70	91	139	**-1485W**
5.80	91	139	**-1487Y**
7.30	120	156	**-1505S**
7.80	109	165	**-1511N**
7.90	109	165	**-1512A**
8.10	109	165	**-1514C**

Dia (mm)	Flute Length	Overall Length	Order Code **SHR-025**
8.60	115	175	**-1520J**
8.80	115	175	**-1523M**
9.20	115	175	**-1527R**
9.80	115	175	**-1535A**
10.70	128	195	**-1545L**
10.80	128	195	**-1547N**
11.70	128	195	**-1557N**
12.20	134	205	**-1563F**
12.70	134	205	**-1569M**

HSS Straight Shank Long Series Drills - Bright Finish

HSS

General purpose drills to drill steels with tensile strength up to 1,000N/mm², cast steel, grey cast iron, malleable cast iron, nickel brass and graphite. Point angle: 118°, helix angle: normal, web thickness: normal, relief angle: 10° - 20°, tolerance of diameter: h8, tolerance of f11.

Manufactured to **BS 328; Part 1: 1986, DIN 340 RN, ISO 494**. Drills with a bright finish are supplied in the as-ground condition and such tools are used generally in the machining of non-ferrous materials.

Series L100B - Metric

Dia (mm)	Flute Length	Overall Length	Order Code **SHR-025**
2.10	56	85	**-1630R**
2.20	59	90	**-1630S**
2.30	62	95	**-1630T**
2.40	62	95	**-1630W**
3.40	73	112	**-1631T**
3.80	78	119	**-1631Y**
4.30	82	126	**-1632G**
4.40	82	126	**-1632J**
5.10	87	132	**-1632X**
5.20	87	132	**-1632Y**
5.50	91	139	**-1633F**
5.80	91	139	**-1633J**

Dia (mm)	Flute Length	Overall Length	Order Code **SHR-025**
7.20	102	156	**-1634K**
7.50	102	156	**-1634N**
8.20	109	165	**-1635C**
9.00	115	175	**-1635Z**
9.50	115	175	**-1636E**
9.80	121	184	**-1636L**
10.20	121	184	**-1636Q**
10.50	121	184	**-1636T**
11.00	128	195	**-1637A**
11.50	128	195	**-1637F**
12.50	134	205	**-1637V**
13.00	134	205	**-1638Q**

STRAIGHT SHANK DRILLS

HSS Heavy Duty Straight Shank Jobber Drills

HSS-Co

The Sherwood range of HSS-Co heavy duty straight shank jobber drills offers durable and reliable cutting performance, boasting 5% cobalt alloy for enhanced strength and longevity in high-temperature, high-speed operations. These drills excel in drilling steels with tensile strength up to 1,400 N/mm², very hard bronze, stainless steels, as well as heat and acid-resistant steels. The cutting edges maintain sharpness for extended periods, minimising the need for frequent sharpening and maximising productivity, while also resisting corrosion effectively.

Manufactured to **BS 328, DIN 338B**.

METRIC

Dia (mm)	Overall Length (mm)	Order Code SHR-026
1.00	34	-1210A
1.10	36	-1212B
1.20	38	-1214C
1.30	38	-1216D
1.40	40	-1218E
1.50	40	-1220F
1.60	43	-1222G
1.70	43	-1224H
1.80	46	-1226J
1.90	46	-1228K
2.00	49	-1230L
2.10	49	-1232M
2.20	53	-1234N
2.30	53	-1236P
2.40	57	-1238Q
2.50	57	-1240R
2.60	57	-1242S
2.70	61	-1244T
2.80	61	-1246V
3.00	61	-1248W
3.10	65	-1250X
3.20	65	-1252Y
3.30	65	-1254Z
3.40	70	-1256A
3.50	70	-1258B
3.60	70	-1260C
3.70	70	-1262D
3.80	75	-1264E
3.90	75	-1266F
4.00	75	-1268G
4.10	75	-1270H
4.20	75	-1272J
4.30	80	-1274K
4.50	80	-1276L
4.60	80	-1278M
4.70	80	-1280N
4.80	86	-1282P
4.90	86	-1284Q
5.00	86	-1286R
5.10	86	-1288S
5.20	86	-1290T
5.30	86	-1292V
5.50	93	-1294W
5.60	93	-1296X
5.70	93	-1298Y
5.80	93	-1300Z
6.00	93	-1302A
6.10	101	-1304B
6.20	101	-1306C
6.30	101	-1308D
6.50	101	-1310E
6.60	101	-1312F
6.70	101	-1314G
6.80	109	-1316H
7.00	109	-1318J
7.20	109	-1320K
7.50	109	-1322L
7.70	117	-1324M
8.00	117	-1326N
8.50	117	-1328P
9.00	125	-1330Q
9.50	125	-1332R
10.00	133	-1334S
10.20	133	-1336T
10.50	133	-1338V
11.00	142	-1340W
11.50	142	-1342X
12.00	151	-1344Y
12.50	151	-1346Z
13.00	151	-1348A

INCH

Dia (mm)	Overall Length (mm)	Order Code SHR-026
1/16"	43	-1364A
5/64"	49	-1366B
3/32"	57	-1368C
7/64"	61	-1370D
1/8"	65	-1372E
9/64"	79	-1374F
5/32"	75	-1376G
11/64"	80	-1378H
3/16"	86	-1380J
7/32"	93	-1382K
1/4"	93	-1384L
17/64"	109	-1386M
9/32"	109	-1388N
5/16"	117	-1390P
3/8"	133	-1392Q

HSS-Co Straight Shank Drill Sets

Inch & Metric Sets
Straight Shank.
Manufactured to **BS 328, DIN 338B**

x 0.5mm
1.0 ~ 10.0

x 1/32"
1/16" ~ 1/2"

Type	Number of Pieces	Order Code SHR-026
Metric	19	-1436D
Inch	15	-1440H

Taper Shank Drills

See our range

Scan the QR code

KENNEDY PROFESSIONAL Engineer's Hand Files Hand Files

Manufactured from T12 CH-Moly alloy tool steel, hardened and tempered. **BS498:1990 and American Federal Standard GGG-F325B.**

Flat

Hand

Round

Half Round

Intelligent design for maximum control and reduced fatigue

Overall Length	Shape	Smooth Order Code KEN-030	Second Order Code KEN-030	Bastard Order Code KEN-030
150mm (6")	Hand	-2060K	-2070K	-2080K
	Flat	-2160K	-2170K	-2180K
	Round	-2260K	-2270K	-
	Half Round	-2360K	-2370K	-2380K
	Square	-	-2470K	-2480K
200mm (8")	Hand	-4060K	-4070K	-4080K
	Flat	-4160K	-4170K	-4180K
	Round	-4260K	-4270K	-
	Half Round	-4360K	-4370K	-4380K
	Square	-	-4470K	-
250mm (10")	Hand	-6060K	-6070K	-6080K
	Flat	-6160K	-6170K	-6180K
	Round	-6260K	-6270K	-
	Half Round	-6360K	-6370K	-6380K
	Square	-	-6470K	-

KENNEDY PROFESSIONAL Triangular 'Three-cut' Files with Handles

Each face has a different cut.
Overall length: 200mm (8").

Cut	Shape	Order Code KEN-030
Smooth Second Bastard	Triangular	-4540K

KENNEDY PROFESSIONAL Engineer's File Sets

Contains Hand, Flat, Round and Half Round files. In a woven wallet for easy storage.

4 PIECES

Overall Length	Cut	Order Code KEN-030
150mm (6")	Second	-9740K
200mm (8")		-9760K
250mm (10")		-9780K

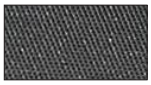
KENNEDY PROFESSIONAL Industrial Quality Engineer's Hand Files

Available in a comprehensive range of shapes and sizes.
BS 498 : 1990 and American Federal Standard GGG-f-325b.

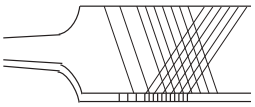
Bastard Cut

Second Cut

Smooth Cut



Double Cut
Two sets of diagonal rows of teeth used with heavier pressure than single cut remove material faster from the workpiece.



Flat - Edges taper towards front. Applications as for hand files. Preferred where taper allows access into tight corners and angles. For general work on iron, steel, etc.

Hand - Parallel edges, one edge uncut. For flat filing, corner filing and deburring. Multi-purpose and for other work where a 'safe' or uncut edge is needed. Double cut.

Round - Diameter tapers towards point. Suitable for internal and external concave surfaces.

Half-Round - Edges and surfaces taper towards point. Dual application; suitable for concave surfaces and flat filing. For rapid removal of metal.

Square - Parallel edges, surfaces taper towards point. For groove, rectangular hole and internal corner filing. Preferable to a Flat File because of its heavier section.

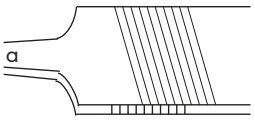
Three Square - Equilateral section (60° angles). Tapered towards point. For filing acute angles, internal corners and flat filing, clearing out square corners.

Knife - Two equal surfaces, tapered to knife point. For filing and deburring narrow grooves, slits and gear-teeth. Used principally by tool and die makers on work having acute angles.

Warding - Parallel surfaces, edges tapered to a point. For narrow grooves, keyways, slots etc. Warding Files are used by locksmiths in repairing or filing ward notches in keys. Also suited for use in narrow spaces. All sides double cut.

Pillar - Parallel edges, surfaces tapered towards end. Narrow version of hand file. For use where access is restricted. These files are designed for millwrights and mechanics for use in enlarging key-ways, slots, etc., close to the shoulder.

Single Cut
Single set of parallel diagonal rows of teeth. Often used with light pressure to produce a smooth surface finish or put a keen edge on knives, shears and saws.



Double Ended Saw - Edges taper towards point. For filing and sharpening saws. Points are left uncut. Instead of having a tang, both ends are tapered. They are used for sharpening saws having a 60° angle. The teeth are cut from each end towards the centre.

Taper Saw - Edges taper towards point. For filing and sharpening hand saws. Points are left uncut. Taper Saw Files are used for filing every type of handsaw which have 60° angle teeth. These files are single cut with edges that are set and cut for filing the gullet between the saw teeth.

Mill Saw - Available with one or two round edges. Parallel edges, both edges cut for filing and sharpening saws.

ENGINEER'S FILES

KENNEDY QUALITY INDUSTRIAL TOOLING

Industrial Quality Engineer's Hand Files - Handles Supplied Separately

Available in a comprehensive range of shapes and sizes. Manufactured to **BS 498 : 1990 and American Federal Standard GGG-f-325b.**

		Smooth Cut		Second Cut		Bastard Cut	
Overall Length	Type	Weight per 10	Order Code KEN-030	Weight per 10	Order Code KEN-030	Weight per 10	Order Code KEN-030
100mm (4")	Hand	0.27kg	**-0010K**	0.27kg	**-0020K**	0.27kg	**-0030K**
	Flat	0.27kg	**-0110K**	0.26kg	**-0120K**	0.26kg	**-0130K**
	Round	0.09kg	**-0210K**	0.09kg	**-0220K**	0.09kg	**-0230K**
	Half Round	0.29kg	**-0310K**	0.29kg	**-0320K**	0.29kg	**-0330K**
	Square	0.10kg	**-0410K**	0.10kg	**-0420K**	0.12kg	**-0430K**
	3 Square	0.27kg	**-0510K**	0.29kg	**-0520K**	0.31kg	**-0530K**
	Warding	0.11kg	**-0710K**	0.12kg	**-0720K**	0.12kg	**-0730K**
150mm (6")	Hand	0.73kg	**-2010K**	0.73kg	**-2020K**	0.77kg	**-2030K**
	Flat	0.74kg	**-2110K**	0.71kg	**-2120K**	0.71kg	**-2130K**
	Round	0.35kg	**-2210K**	0.34kg	**-2220K**	0.35kg	**-2230K**
	Half Round	0.72kg	**-2310K**	0.72kg	**-2320K**	0.72kg	**-2330K**
	Square	0.37kg	**-2410K**	0.40kg	**-2420K**	0.40kg	**-2430K**
	3 Square	0.86kg	**-2510K**	0.82kg	**-2520K**	0.82kg	**-2530K**
	Knife	0.59kg	**-2610K**	0.62kg	**-2620K**	0.62kg	**-2630K**
	Warding	0.35kg	**-2710K**	0.36kg	**-2720K**	0.36kg	**-2730K**
	Pillar	0.35kg	**-2810K**	0.35kg	**-2820K**	0.36kg	**-2830K**
	Double Ended		-	0.33kg	**-2930K**		-
	Taper Saw		-	0.88kg	**-2940K**		
175mm (7")	Double Ended	-		0.34kg	**-3930K**	-	
200mm (8")	Hand	1.70kg	**-4010K**	1.75kg	**-4020K**	1.60kg	**-4030K**
	Flat	1.35kg	**-4110K**	1.35kg	**-4120K**	1.35kg	**-4130K**
	Round	0.60kg	**-4210K**	0.60kg	**-4220K**	0.60kg	**-4230K**
	Half Round	1.50kg	**-4310K**	1.50kg	**-4320K**	1.55kg	**-4330K**
	Square	0.81kg	**-4410K**	0.85kg	**-4420K**	0.83kg	**-4430K**
	3 Square	2.00kg	**-4510K**	1.80kg	**-4520K**	1.90kg	**-4530K**
	Knife	1.35kg	**-4610K**	1.40kg	**-4620K**	1.30kg	**-4630K**
	Warding	1.00kg	**-4710K**	0.90kg	**-4720K**	0.76kg	**-4730K**
	Pillar	0.67kg	**-4810K**	0.85kg	**-4820K**	0.70kg	**-4830K**
	Millsaw		-	1.90kg	**-4920K**		-
	Double Ended		-	0.50kg	**-4930K**		-
	Taper Saw		-	0.72kg	**-4940K**		-
225mm (9")	Double Ended	-		0.75kg	**-5930K**	-	
255mm (10")	Hand	3.00kg	**-6010K**	3.10kg	**-6020K**	3.10kg	**-6030K**
	Flat	2.90kg	**-6110K**	2.90kg	**-6120K**	2.70kg	**-6130K**
	Round	1.30kg	**-6210K**	1.30kg	**-6220K**	1.25kg	**-6230K**
	Half Round	2.55kg	**-6310K**	2.55kg	**-6320K**	2.60kg	**-6330K**
	Square	1.60kg	**-6410K**	1.70kg	**-6420K**	1.75kg	**-6430K**
	3 Square	1.85kg	**-6510K**	-2.70kg	**-6520K**	3.00kg	**-6530K**
	Millsaw		-	2.10kg	**-6910K**		-
	Double Ended		-	0.97kg	**-6930K**		-
305mm (12")	Hand	4.30kg	**-7010K**	4.35kg	**-7020K**	4.40kg	**-7030K**
	Flat	4.20kg	**-7110K**	4.30kg	**-7120K**	4.50kg	**-7130K**
	Round	2.50kg	**-7210K**	2.40kg	**-7220K**	2.45kg	**-7230K**
	Half Round	4.60kg	**-7310K**	4.35kg	**-7320K**	4.40kg	**-7330K**
	Square	3.20kg	**-7410K**	3.25kg	**-7420K**	1.40kg/5	**-7430K**
	3 Square	4.50kg	**-7510K**	4.95kg	**-7520K**	4.55kg	**-7530K**
	1 Round Edge Mill		-	1.20kg/5	**-7910K**		-
355mm (14")	Hand	3.70kg/5	**-8010K**	3.70kg/5	**-8020K**	3.40kg/5	**-8030K**
	Flat	2.23kg/5	**-8110K**	3.45kg/5	**-8120K**	3.30kg/5	**-8130K**
	Round	2.45kg/5	**-8210K**	2.50kg/5	**-8220K**	2.55kg/5	**-8230K**
	Half Round	2.90kg/5	**-8310K**	3.50kg/5	**-8320K**	3.55kg/5	**-8330K**
	Square		-	3.00kg/5	**-8420K**	3.07kg/5	**-8430K**
	3 Square		-	3.35kg/5	**-8520K**	3.50kg/5	**-8530K**
(16")	Hand		-		-	5.30kg/5	**-9030K**
	Flat		-	5.10kg/5	**-9120K**	5.00kg/5	**-9130K**
	Half Round		-	4.85kg/5	**-9320K**		-
	Square		-		-	4.45kg/5	**-9430K**

KENNEDY QUALITY INDUSTRIAL TOOLING — Engineer's Second Cut File Sets

Contents (1 of each):
flat, hand, round, half-round three-square and square. Plus two file handles, supplied in PVC wallet. Manufactured to **BS498 : 1990 & US Federal Standards**.

8 PIECES

Number of Pieces	Set Size	Handle Size	Weight each	Order Code KEN-030
8	150mm (6")	75mm (3")	0.44kg	-9860K
8	200mm (8")	100mm (4")	0.89kg	-9880K
8	255mm (10")	125mm (5")	1.65kg	-9900K

KENNEDY QUALITY INDUSTRIAL TOOLING — Engineer's Double Cut File Set

Bastard cut one side and 2nd cut on other.
Contents (1 of each): three square, half round and round bastard cut files, flat, hand and square 'double cut'. 200mm (8").Supplied with two file handles in plastic wallet.

8 PIECES

Number of Pieces	Order Code KEN-030
8	-9930K

SENATOR QUALITY TOOLING — Engineer's File Sets

A selection of popular engineer's files suitable for filing and deburring on a wide variety of materials. Double cut teeth for rapid metal removal. Ideal for workshop or garage. Manufactured to **BS498:1990** and American Federal Standard **GGG-F-3256**.

Contents (1 of each):
bastard cut hand, second cut flat, round and half round.

4 PIECES

Number of Pieces	Size	Order Code SEN-030
4	150mm (6")	-9510K
4	200mm (8")	-9520K
4	255mm (10")	-9530K

KENNEDY QUALITY INDUSTRIAL TOOLING — Second Cut File Set

Contents (1 of each):
- 3x 150mm flat files
- 3x 255mm flat files
- 2x 150mm half round file
- 2x 255mm half round file
- 1x 150mm round file
- 1x 255mm round file
- 1x 6-piece needle file set (supplied in a PVC wallet)

Needle file set in PVC wallet.

18 PIECES

Number of Pieces	Order Code KEN-030
18	-9990K

SENATOR QUALITY TOOLING — Engineer's File Set

A selection of popular engineer's files suitable for filing and deburring on a wide variety of materials. Ideal for workshop or garage. Double cut teeth for rapid metal removal.

Contents: (1 of each)

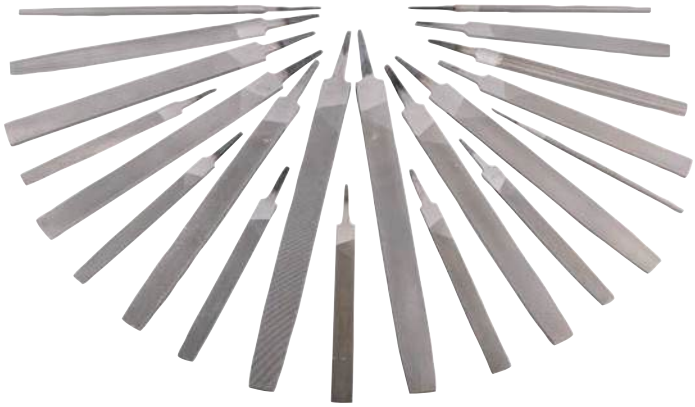
20 PIECES

150mm (6"):
Hand: smooth, second.
Flat: smooth, second, bastard.
Half Round: second.
Round: bastard.

200mm (8"):
Hand: second.
Flat: second.
Half Round: second.
Round: second.

255mm (10"):
Hand: second, bastard.
Flat: smooth, second, bastard.
Half Round: second.
Round: bastard.

305mm (12"):
Flat: second, bastard.

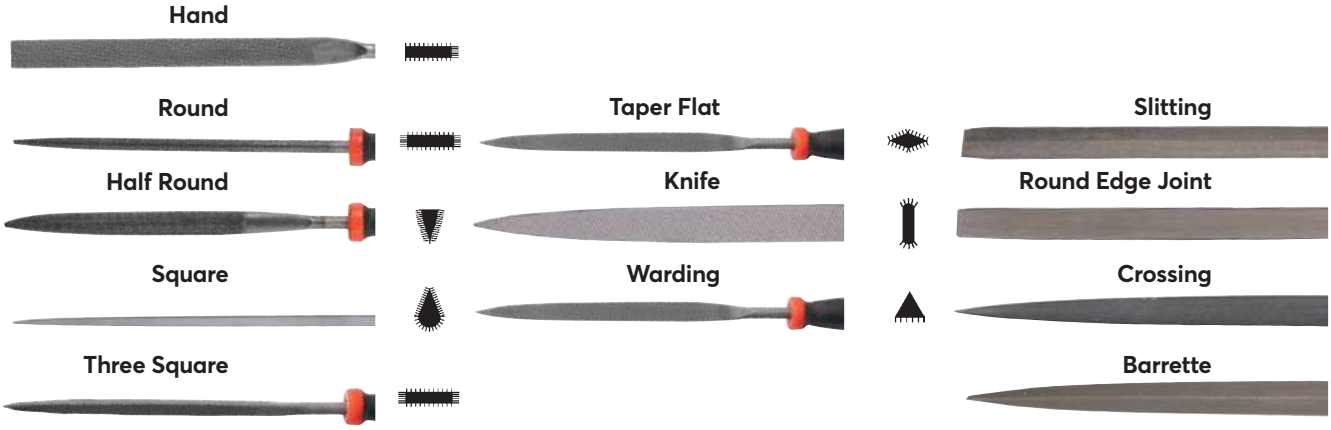


Number of Pieces	Order Code SEN-030
20	-9840K

NEEDLE FILES

KENNEDY QUALITY INDUSTRIAL TOOLING Precision Hand Files Needle Pattern (Round Handle)

Available in 14cm and 16cm lengths and a complete range of shapes. Manufactured to **BS 498:1990**.



Overall Length	Type	Weight per 10	Cut 0 Order Code KEN-031	Cut 2 Order Code KEN-031	Cut 4 Order Code KEN-031
160mm (6½")	Hand	80g	**-6000K**	**-6020K**	**-6040K**
	Round	75g	**-6200K**	**-6220K**	**-6240K**
	Half Round	75g	**-6300K**	**-6320K**	**-6340K**
	Square	80g	**-6400K**	**-6420K**	-
	Three Square	70g	**-6500K**	**-6520K**	**-6540K**
	Taper Flat	70g	-	**-6560K**	-
	Knife	70g	**-6600K**	**-6620K**	-
	Warding	70g	**-6700K**	**-6720K**	-
	Slitting	80g	-	-	-
	Round Edge Joint	80g	-	-	-
	Crossing	75g	-	**-6920K**	-
	Barrette	80g	-	**-6960K**	-

KENNEDY PROFESSIONAL File Handles

Polypropylene file handles with integral hanging hole and covered with a ribbed rubber grip for increased purchase and added comfort.

Available in three sizes: 0, 1 and 2.

Size	Suitable File Length (mm)	Order Code KEN-531
No. 0	100 - 150	**-5000K**
No. 1	200 - 250	**-5010K**
No. 2	300 - 400	**-5020K**

KENNEDY QUALITY INDUSTRIAL TOOLING Standard Wooden File Handles

Suitable for traditionally tanged engineer's files. With steel ferrule.

Handle Length	Suitable File Length	Weight each	Order Code KEN-531
75mm	4" - 6"	20g	**-5300K**
100mm	8"	25g	**-5400K**
125mm	10"	45g	**-5500K**
150mm	12" - 16"	60g	**-5600K**

KENNEDY QUALITY INDUSTRIAL TOOLING Needle File Sets

Supplied in PVC Wallet. Manufactured to **BS 498:1990. Cut 2.**

6 Piece Set (1 of each):
Flat, Hand, Half Round, Round, Square, Three Square

12 Piece Set (1 of each):
Hand, Flat, Knife, Round, Half Round, Square, Three Square, Crossing, R/Edge Joint, Slitting, Warding, Barrette.

6 PIECES

Number of Pieces	Weight each	Order Code KEN-031
	Length - 140mm	
6	50g	**-5980K**
12	120g	**-5990K**
	Length - 160mm	
6	70g	**-6980K**
12	150g	**-6990K**

KENNEDY QUALITY INDUSTRIAL TOOLING Riffler File Sets

Set A 15cm - Cut 2
Contents (1 of each):
900, 911, 914, 916, 918, 940, 952, 957, 981, 983, 985 and 987.

12 PIECES

Number of Pieces	Weight Set	Order Code KDY-031
12	310g	**-9110K**

Set B 15cm - Cut 2
Contents (1 of each):
905, 913, 915, 917, 931, 943, 955, 963, 982, 984, 986 and 996.

12 PIECES

Number of Pieces	Weight Set	Order Code KDY-031
12	310g	**-9120K**

SENATOR QUALITY TOOLING Needle File Sets

Supplied in PVC Wallet. Manufactured to **BS 498:1990.** Cut 2.

6 Piece Set (1 of each):
Warding, Hand, Half Round, Round, Square, Three Square.

12 Piece Set (1 of each):
Hand, Flat, Knife, Round, Half Round, Square, Three Square, Crossing, R/Edge Joint, Slitting, Warding, Barrette.

6 PIECES

Number of Pieces	Weight each	Order Code SEN-031
	Length - 160mm	
6	50g	**-6980K**
12	120g	**-6990K**

Needle Files

See our range

Scan the QR code

Milled Tooth Hand Files

Manufactured from alloy steel and featuring undercut teeth that produce a more aggressive cut than conventional files and require less operator effort. Suitable for use on a wide variety of materials including aluminium, steels, alloys, brass, copper, wood, plastics etc. Available as standard cut in four blade lengths and two tooth forms. Other styles are available on request.

Please note: Handles are not supplied as standard and should be ordered separately as required. Refer to page 756 for selection of handles

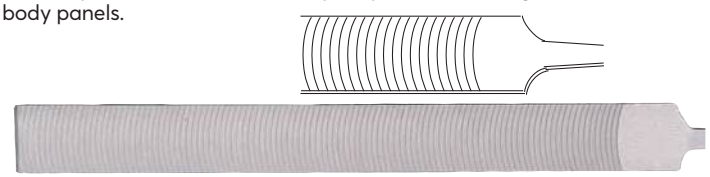
Straight Tooth

Overall Length	Weight per 10	Order Code KEN-032
200mm (8")	1.30kg	**-2080K**
255mm (10")	2.10kg	**-2100K**
305mm (12")	2.90kg	**-2120K**
355mm (14")	5.30kg	**-2140K**

Curved Tooth Files

Curved Cut

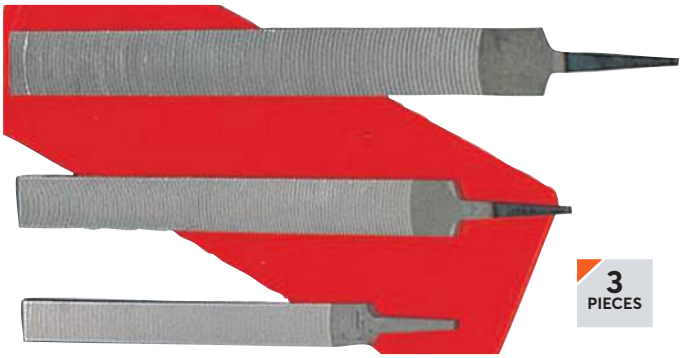
Teeth are arranged in curved contours across the file face. Normally used in automotive body shops for smoothing body panels.



Overall Length	Weight per 10	Order Code KEN-032
200mm (8")	1.30kg	**-1080K**
255mm (10")	2.00kg	**-1100K**
305mm (12")	4.00kg	**-1120K**
355mm (14")	5.90kg	**-1140K**

Curved Tooth File Set

Contents: (1 of each) Flat, 200mm (8"), 255mm (10") and 305mm (12") standard cut.



Number of Pieces	Weight each	Order Code KEN-032
3	765g	**-1830K**

Hand Rasps

Scan the QR code

Half Round Rasps

Scan the QR code

Cabinet Rasps

Scan the QR code

Round Rasps

Scan the QR code

DIAMOND FILES

SENATOR QUALITY TOOLING Diamond Needle File Set

16cm
150 grain (medium grade). With tapered handles.
Supplied in PVC wallet.
Suitable for light duty and workshop use.
Contents: hand, half round, three square, round, square and knife.

DIAMOND

6 PIECES

Number of Pieces	Weight each	Order Code SEN-033
6	115g	-0600K

SENATOR QUALITY TOOLING Diamond Riffler & Needle File Set

14cm
Contains the most commonly used shapes, supplied in a vinyl wallet.
Contents: 1 of each needle file: flat, three square, slitting, and 1 of each style riffler: 985, 911, 905, 940, 952, 961 and 963.

10 PIECES

Number of Pieces	Order Code SEN-033
10	-2700K

KENNEDY QUALITY INDUSTRIAL TOOLING Diamond Needle File Set

16cm 120/140 grain.
Contents:
hand, half round, three square, round, square and knife.

DIAMOND

6 PIECES

Number of Pieces	Weight each	Order Code KEN-033
6	60g	-0500K

KENNEDY QUALITY INDUSTRIAL TOOLING Industrial Diamond Coated Needle Files

DIAMOND

16cm
Available in seven shapes and two grain sizes offering the solution to finishing problems where material hardness makes conventional files ineffective. Plated with finely selected diamond powder, 120 - 150 mesh. Can be used on tungsten carbide, ceramics, carbon, glass, fibreglass and hardened steels such as stainless steel, nimonics, titanium etc.

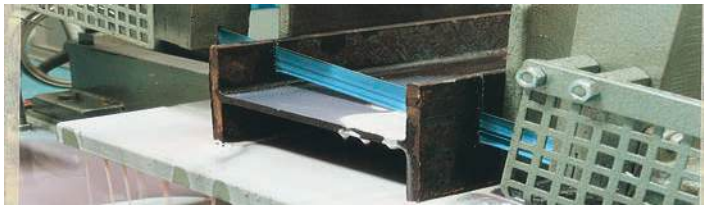
Type	Weight per 6	120/140 Grain Order Code KEN-033	325/400 Grain Order Code KEN-033
Hand	70g	-0020K	-0220K
H/Round	60g	-0040K	-0240K
3 Square	60g	-0060K	-0260K
Round	60g	-0080K	-0280K
Square	60g	-0100K	-0300K
Knife	60g	-0120K	-0320K
Flat	60g	-0140K	-0340K

KENNEDY QUALITY INDUSTRIAL TOOLING HSS All Hard Power Saw Blades

Recommended for cutting thin cross-sections such as tubing, small bars and light angle iron. Because blades are relatively thin they should be used only on light machines.

Power Saw Hacksaw Blade Tooth Recommendations

TPI	Suitable for Section Width
18	up to 13mm (up to ½")
14	6 to 19mm (¼" to ¾")
10	8 to 25mm (5/16" to 1)
6	13 to 38mm (½" to 1 ½")
4	19mm and above (¾" and above)



Length	Width	Thickness	TPI	Order Code KEN-040
12"	5/8"	.032"	18T	-4630K
12"	1"	.050"	10T	-5030K
12"	1"	.050"	14T	-5040K
14"	1"	.050"	10T	-5130K
14"	1"	.050"	14T	-5140K
14"	1¼"	.062"	6T	-5200K
14"	1¼"	.062"	10T	-5220K
14"	1¼"	.062"	14T	-5230K
16"	1¼"	.062"	6T	-5390K
16"	1¼"	.062"	10T	-5410K
16"	1¼"	.062"	14T	-5420K
16"	1½"	.062"	4T	-5490K
16"	1½"	.062"	6T	-5500K
17"	1¼"	.062"	10T	-5530K
18"	1¼"	.062"	6T	-5550K
18"	1¼"	.062"	10T	-5570K
18"	1½"	.075"	6T	-5650K
20"	1½"	.075"	6T	-5750K
21"	1½"	.075"	6T	-5770K
21"	1½"	.075"	10T	-5790K
21"	1¾"	.088"	6T	-5820K
24"	2"	.100"	6T	-5960K

KENNEDY QUALITY INDUSTRIAL TOOLING Junior Hacksaw Blades

- Manufactured from a low alloy steel to increase resistance to corrosion
- Supplied as a pack of 10 blades to ensure you always have an ample amount of spares to hand
- Ideal for use when cutting ferrous and non-ferrous metals with either a mini hand saw or junior hacksaw
- Conforms to **BS 6271 : 1990**
- Blades only, hacksaw body sold separately

-0620K — 10 PIECES

-0650K — 10 PIECES

Type	Length (mm)	TPI	Order Code KEN-040
Metal	150	32	-0620K
Wood	150	14	-0650K

KENNEDY QUALITY INDUSTRIAL TOOLING HSS All Hard Hacksaw Blades

Fully hardened for extra long tooth life and maximum straightness of cut. For use where workpiece is held securely in place. Made to **BS 1919 : Part 1: 1993**.

Length	Width	Thickness	TPI	Order Code KEN-040
10"	½"	.025	18T	-3130K
10"	½"	.025	24T	-3250K
12"	½"	.025	14T	-3510K
12"	½"	.025	18T	-3630K
12"	½"	.025	24T	-3750K
12"	½"	.025	32T	-3870K

KENNEDY QUALITY INDUSTRIAL TOOLING Spare Tile Saw Blade

- Grit size: Medium
- For cutting and shaping ceramic tiles
- Overall length: 175mm (7")
- Pack of 10

Length (mm)	Weight each	Order Code KEN-040
150	4g	-1400K

KENNEDY QUALITY INDUSTRIAL TOOLING Flexible Back Bi-metal Hacksaw Blades

The perfect combination of shatter resistant spring steel, used as the backing material, and tough, wear-resistant HSS teeth - Electron-beam welded together. Ideal for interrupted cuts in cramped places or where the blade is subject to stress caused by twisting or bending. Provides optimum tooth strength/life and reduced breakage and fracture when compared to traditional all-hard blades.

Made to BS 1919 : Part 1: 1993.

Length	Width	Thickness	TPI	Order Code KEN-040
10"	½"	.025	18T	-2130K
10"	½"	.025	24T	-2250K
10"	½"	.025	32T	-2320K
12"	½"	.025	14T	-2510K
12"	½"	.025	18T	-2630K
12"	½"	.025	24T	-2750K
12"	½"	.025	32T	-2870K

TPI Selection Guide

Group	Materials	Brinell Hardness HB	Rockwell Hardness HRC	Tensile Strength N/mm2	Number of Teeth per Inch Section thickness or diameter Below 2mm	2 - 5 mm	Above 5mm
1.1	Mild steel	<200	-	<700	32	24	18
1.4 to 1.5	Alloy steel & tool steel low to medium	<260	<26	<850	32	24	18 - 24
1.6	High alloy steel	>340	>36	>1200	32	24	24
2.1	Stainless steels	<290	<30	<1000	32	24	18
3.1	Grey cast iron	<300	-	-	24 - 32	18 - 24	18
6.1	Asbestos and copper	-	-	<500	24 - 32	18 - 24	18
6.3	Brass and bronze	-	-	<500	24 - 32	18 - 24	18
7.1	Aluminium	-	-	<500	24 - 32	18 - 24	18
8.1	Hard plastic	-	-	-	24 - 32	18 - 24	18

KENNEDY QUALITY INDUSTRIAL TOOLING

CONSTANT PITCH FOR SHEET UP TO 3mm

Constant Pitch Bi-Metal HSS Holesaws

For cutting thin sheet materials up to 3mm thick. For producing high quality holes in wood, steel, brass, bronze, cast iron, aluminium and plastic. Featuring a hardened HSS cutting edge welded to a tough alloy steel body. Heavy duty shatter-resistant construction.
6 teeth per inch.
38mm (1½") cutting depth.

Holesaw Sizes	Use Arbor
14 to 30mm	K1 or K4
32 to 210mm	K2 or K10

Cutting Dia. (mm)	Weight each	Order Code KEN-050
14 (9/16")	27g	-0140K
16 (5/8")	28g	-0160K
17 (11/16")	35g	-0170K
19 (3/4")	34g	-0190K
20 (25/32")	39g	-0200K
21 (13/16")	39g	-0210K
22 (7/8")	46g	-0220K
24 (15/16")	57g	-0240K
25 (1")	61g	-0250K
27 (1 1/16")	74g	-0270K
29 (1 1/8")	83g	-0290K
30 (1 3/16")	93g	-0300K
32 (1 1/4")	75g	-0320K
33 (1 5/16")	81g	-0330K
35 (1 3/8")	93g	-0350K
37 (1 7/16")	100g	-0370K
38 (1 1/2")	86g	-0380K
40 (1 9/16")	91g	-0400K
41 (1 5/8")	100g	-0410K
43 (1 11/16")	100g	-0430K
44 (1 3/4")	100g	-0440K
46 (1 13/16")	110g	-0460K
48 (1 7/8")	110g	-0480K
51 (2")	120g	-0510K
52 (2 1/16")	120g	-0520K
54 (2 1/8")	130g	-0540K
56 (2 3/16")	135g	-0560K
57 (2 1/4")	140g	-0570K
59 (2 5/16")	150g	-0590K
60 (2 3/8")	160g	-0600K
64 (2 1/2")	170g	-0640K
65 (2 9/16")	180g	-0650K
67 (2 5/8")	190g	-0670K
68 (2 11/16")	200g	-0680K
70 (2 3/4")	210g	-0700K
73 (2 7/8")	230g	-0730K
76 (3")	230g	-0760K
79 (3 1/8")	260g	-0790K
83 (3 1/4")	310g	-0830K
86 (3 3/8")	330g	-0860K
89 (3 1/2")	330g	-0890K
92 (3 5/8")	330g	-0920K
95 (3 3/4")	365g	-0950K
102 (4")	365g	-1020K
105 (4 1/8")	400g	-1050K
108 (4 1/4")	400g	-1080K
111 (4 3/8")	435g	-1110K
114 (4 1/2")	465g	-1140K
121 (4 3/4")	500g	-1210K
127 (5")	565g	-1270K
133 (5 1/4")	600g	-1330K
140 (5 1/2")	650g	-1400K
152 (6")	800g	-1520K
168 (6 5/8")	1000g	-1680K
177 (6 31/32")	1050g	-1770K
210 (8 9/32")	1200g	-1540K

KENNEDY QUALITY INDUSTRIAL TOOLING

VARIABLE PITCH FOR IMPROVED ACTION

Variable Pitch Bi-Metal HSS Holesaws

For wood, steel, brass, bronze, cast iron, aluminium and plastic. Aggressive cutting action and M3 HSS cutting teeth to give a very smooth finish. Tooth life is greatly extended, as is battery life when used with a cordless drill.
4 to 6 teeth per inch.
28.5mm (1⅛") cutting depth.

Cutting Dia. (mm)	Weight each	Order Code KEN-050
14 (9/16")	30g	-5140K
16 (5/8")	40g	-5160K
17 (11/16")	40g	-5170K
19 (3/4")	40g	-5190K
20 (25/32")	50g	-5200K
21 (13/16")	50g	-5210K
22 (7/8")	60g	-5220K
24 (15/16")	70g	-5240K
25 (1")	80g	-5250K
27 (1 1/16")	80g	-5270K
29 (1 1/8")	90g	-5290K
30 (1 3/16")	100g	-5300K
32 (1 1/4")	100g	-5320K
33 (1 5/16")	110g	-5330K
35 (1 3/8")	120g	-5350K
37 (1 7/16")	130g	-5370K
38 (1 1/2")	80g	-5380K
40 (1 9/16")	90g	-5400K
41 (1 5/8")	90g	-5410K
43 (1 11/16")	100g	-5430K
44 (1 3/4")	110g	-5440K
46 (1 13/16")	110g	-5460K
48 (1 7/8")	130g	-5480K
51 (2")	140g	-5510K
52 (2 1/16")	150g	-5520K
54 (2 1/8")	150g	-5540K
56 (2 3/16")	160g	-5560K
57 (2 1/4")	170g	-5570K
59 (2 5/16")	170g	-5590K
60 (2 3/8")	180g	-5600K
64 (2 1/2")	200g	-5640K
65 (2 9/16")	210g	-5650K
67 (2 5/8")	220g	-5670K
68 (2 11/16")	225g	-5680K
70 (2 3/4")	230g	-5700K
73 (2 7/8")	240g	-5730K
76 (3")	260g	-5760K
79 (3 1/8")	280g	-5790K
83 (3 1/4")	300g	-5830K
86 (3 3/8")	330g	-5860K
89 (3 1/2")	340g	-5890K
92 (3 5/8")	370g	-5920K
95 (3 3/4")	390g	-5950K
102 (4")	430g	-6020K
105 (4 1/8")	460g	-6050K
108 (4 1/4")	470g	-6080K
111 (4 3/8")	500g	-6110K
114 (4 1/2")	540g	-6140K
121 (4 3/4")	590g	-6210K
127 (5")	650g	-6270K
133 (5 1/4")	710g	-6330K
140 (5 1/2")	770g	-6400K
152 (6")	900g	-6520K
168 (6 5/8")	1060g	-6680K
177 (6 31/32")	1100g	-6770K

KENNEDY QUALITY INDUSTRIAL TOOLING

Holesaw Arbors

Precision machined and threaded, guaranteeing a smooth secure fit to all popular brands of holesaws. Made from alloy steel. Suitable for use with all power tools.

For Saw Sizes upto 32mm

K4 6.5mm

K1 8.75mm

K1-SDS
Pilot supplied separately.

Product Number	For Saw Size	Order Code KEN-050
K4	14-30mm	-1750K
K1	14-30mm	-1600K
K1-SDS	14-32mm	-1550K

For Saw Sizes upto 152mm

K10
8.75mm

K2
12.7mm

K10-SDS

Pilot supplied separately.

Product Number	For Saw Size	Order Code KEN-050
K10	32-152mm	-1850K
K2	32-152mm	-1650K
K10-SDS	33-152mm	-1560K

KENNEDY QUALITY INDUSTRIAL TOOLING

Pilot Drills

HSS, ground flute.

K14C

K14D

Product Number	To Suit Arbors	Order Code KEN-050
K14C	All except K4	-1930K
K14D	K4 only	-1960K

KENNEDY QUALITY INDUSTRIAL TOOLING

Ejector Spring

Manufactured from hardened spring steel. Presses over pilot to give quick release of core piece after cut.

K7

Product Number	To Suit Saw Diameter	Order Code KEN-050
K7	14 to 210mm	-1970K

KENNEDY QUALITY INDUSTRIAL TOOLING Variable Pitch Bi-Metal HSS Holesaw Kits

For producing high quality holes in wood, steel, brass, bronze, cast iron, aluminium and plastic. Featuring a very aggressive cutting action and M3 HSS cutting teeth to give a very smooth finish. The varying tooth pitch gives substantial reductions in noise by disrupting harmonics produced when sawing materials such as tubing, angle etc. Tooth life is greatly extended, as is battery life when used with a cordless drill.

4 to 6 teeth per inch. 28.5mm (1⅛") cutting depth.

Service Engineer's Kit
9 Piece
Comprises of 22, 29, 35, 44, 51 and 64mm variable pitch bi-metal high speed steel holesaws with hardened cutting edges, K7 spring, K4 and K10 arbors with pilot drills.
Supplied in a robust plastic carry case.

9 PIECES

Number of Pieces	Order Code KEN-050
9	-2400K

Electrician's Kit
9 Piece
Comprises of 16, 20, 25, 32, 40 and 51mm variable pitch bi-metal high speed steel holesaws with hardened cutting edges, K7 Spring, K1 and K10 arbors with pilot drills.
Supplied in a robust plastic carry case.

VARIABLE PITCH FOR IMPROVED ACTION

9 PIECES

Number of Pieces	Order Code KEN-050
9	-2300K

KENNEDY QUALITY INDUSTRIAL TOOLING Tradesman's Compact Kits

High quality variable pitch bi-metal high speed steel holesaws with hardened cutting edges. Supplied in a handy storage tube. Ideal size to fit into power tool cases and tool boxes.

5 Piece: Comprises of 16, 20, 25 and 30mm holesaws with K1 arbor.

11 Piece: Comprises of 16, 19, 20, 22, 25, 30, 32, 38 and 51mm holesaws with K1 and K10 arbors.

5 PIECES

VARIABLE PITCH FOR IMPROVED ACTION

11 PIECES

Storage tubes fit into power tool cases and tool boxes

Number of Pieces	Order Code KEN-050
5	-2100K
11	-2500K

KENNEDY QUALITY INDUSTRIAL TOOLING Constant Pitch Bi-Metal HSS Holesaw Kit

Featuring a constant pitch - First choice for cutting thin sheet materials up to 3mm thick. For producing high quality holes in wood, steel, brass, bronze, cast iron, aluminium and plastic. Featuring a hardened HSS cutting edge welded to a tough alloy steel body. Heavy duty shatter-resistant construction; virtually unbreakable.

6 teeth per inch. 38mm (1½") cutting depth.

9 Piece Service Engineer's Kit
Comprises of 22, 29, 35, 44, 51 and 64mm constant pitch bi-metal high speed steel holesaws with hardened cutting edges.
Complete with K4 and K10 arbors and K7 Spring.
Supplied in a robust plastic carry case.

9 PIECES

Number of Pieces	Order Code KEN-050
9	-2000K

SHANK MILLING CUTTERS/DRILLS

KENNEDY QUALITY INDUSTRIAL TOOLING — Rotary Masonry Drill Bit Sets

7 Piece - Standard Length
Standard Length: No.6 x 75, No.8 x 85, No.10 x 85, No.10A x 100, No.12 x 100, No.16 x 120, No.20 x 120mm.

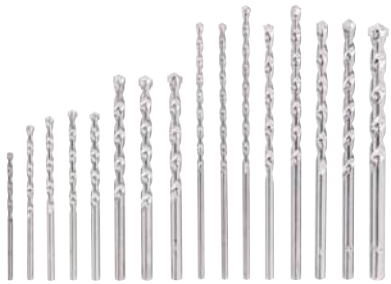
7 PIECES

7 Piece - Standard & Medium Length
Standard Length:
No.10 x 85, No.12 x 100, No.14 x 100, No.16 x 120, No.20 x 120.
Medium Length:
No.24 x 150, No.26 x 150mm.

7 PIECES

16 Piece - Standard & Medium Length
Standard Length:
No.6 x 75, No.8 x 85, No.10 x 85, No.10A x 100, No.14 x 100, No.16 x 120, No.18 x 120, No.20 x 120.
Medium Length:
No.8 x 150, No.10 x 150,No.10A x 150, No.14 x 150, No.16 x 150, No.18 x 150, No.20 x 150, No.24 x 150mm.

16 PIECES



Number of Pieces	Order Code KEN-055
7 - Standard	-5070K
7 - Standard & Medium	-5170K
16 - Standard & Medium	-5320K

KENNEDY QUALITY INDUSTRIAL TOOLING — SDS-Style Fitting Drill Bit Sets

Tungsten carbide tipped and suitable for all SDS direct fitting hammer drills. High performance drill bits that withstand extreme heat generation ensuring maximum performance coupled with wear resistance. Manufactured to **DIN 8035**.

7 Piece
5, 6 and 8mm x 110mm overall length.
6, 8, 10 and 12mm x 160mm overall length.

7 PIECES

9 Piece
5, 5.5, 6 and 7mm x 160mm overall length.
8 x 210mm, 8 x 260mm,
12 x 216mm, 12 x 316mm,
16 x 250mm overall length.

9 PIECES

Number of Pieces	Order Code KEN-057
7	-7000K
9	-7020K

SHERWOOD QUALITY CUTTING TOOLS — 4 Flute HSS-E Weldon Shank End Mills

HSS-E

- High-speed steel with cobalt (HSSE) construction ensures durability and wear resistance
- Compatible with spindle tooling holders for enhanced machining precision
- Tested by the manufacturer to guarantee quality and performance
- Compliance with DIN 844 and DIN 1835B standards ensuring reliability

Manufactured to **BS 328, DIN 338B**.

Cutter Dia (mm)	Shank Dia (mm)	Flute Length (mm)	Order Code SHR-061	Cutter Dia (mm)	Shank Dia (mm)	Flute Length (mm)	Order Code SHR-061
3.00	6	8	-8001A	13.00	12	26	-8001L
4.00	6	11	-8001B	14.00	12	26	-8001M
5.00	6	13	-8001C	15.00	12	26	-8001N
6.00	6	13	-8001D	16.00	16	32	-8001P
7.00	10	16	-8001E	17.00	16	32	-8001Q
8.00	10	19	-8001F	18.00	16	32	-8001R
10.00	10	22	-8001H	19.00	16	32	-8001T
11.00	12	22	-8001J	20.00	20	38	-8001U
12.00	12	26	-8001K	25.00	25	45	-8001V

Milling Tools

See our range

Scan the QR code

Masonry Drills

See our range

Scan the QR code

SDS Hammer Drills

See our range

Scan the QR code

Straight Shank Machine Reamers

HSS

Left hand spiral flute, right hand cutting.
Manufactured to **BS 328-4**.

Tolerances (to H7)						
Diameter Metric	Tolerance +	Tolerance -	Diameter Inch	Tolerance +	Tolerance -
up to 3.00	0.008	0.004	up to 1/8"	0.0003	0.0001
Over 3.00 ~ up to 6.00	0.010	0.005	Over 1/8" ~ up to 15/64"	0.0004	0.0002
Over 6.00 ~ up to 10.00	0.012	0.006	Over 15/64" ~ up to 3/8"	0.0005	0.0002
Over 10.00 ~ up to 18.00	0.015	0.008	Over 3/8" ~ up to 5/8"	0.0006	0.0003

METRIC

Dia. (mm)	Flute Length (mm)	Overall Length	Order Code SHR-065
2.00	25.0	50.0	**-2220A**
3.00	31.0	62.0	**-2222C**
4.00	38.0	76.0	**-2224E**
5.00	44.0	87.0	**-2226G**
6.00	47.0	93.0	**-2228J**
7.00	54.0	107.0	**-2229K**
8.00	58.0	115.0	**-2230L**
9.00	62.0	124.0	**-2231M**
10.00	66.0	133.0	**-2232N**
11.00	71.0	142.0	**-2232R**
12.00	76.0	152.0	**-2233P**
13.00	78.0	152.0	**-2234Q**
14.00	81.0	163.0	**-2235R**

INCH

Dia. (mm)	Flute Length	Overall Length	Order Code SHR-065
1/16"	13/16"	1 3/4"	**-2200A**
3/32"	1 1/8"	2 1/4"	**-2201B**
1/8"	1 5/16"	2 5/8"	**-2202C**
5/32"	1 1/2"	3"	**-2204E**
3/16"	1 3/4"	3 7/16"	**-2206G**
7/32"	1 7/8"	3 11/16"	**-2208J**
1/4"	2"	3 15/16"	**-2210L**
9/32"	2 1/8"	4 3/16"	**-2211M**
5/16"	2 1/4"	4 1/2"	**-2212N**
3/8"	2 5/8"	5 1/4"	**-2214Q**
13/32"	2 5/8"	5 1/4"	**-2215R**
7/16"	2 13/16"	5 5/8"	**-2216S**
1/2"	3"	6"	**-2217T**

Cobalt Straight Shank Chucking Reamers

HSS-E

Manufactured to **DIN 212**.

Tolerances (to H7)		
Diameter Metric	Tolerance +	Tolerance -
Up to 5.50	0.004	0.000
Over 5.50	0.005	0.000

METRIC

Dia. (mm)	Flute Length	Overall Length	Order Code SHR-065
2.00	11.0	49.0	**-2655K**
3.00	15.0	61.0	**-2659P**
4.00	19.0	75.0	**-2662S**
5.00	23.0	86.0	**-2664V**
6.00	26.0	93.0	**-2665W**
7.00	31.0	109.0	**-2666X**
8.00	33.0	117.0	**-2667Y**
9.00	36.0	125.0	**-2668Z**
10.00	38.0	133.0	**-2669A**
11.00	41.0	142.0	**-2670B**
12.00	44.0	151.0	**-2671C**
13.00	44.0	151.0	**-2672D**
14.00	47.0	160.0	**-2673E**
15.00	50.0	162.0	**-2674F**

Taper Shank Machine Reamers

HSS

Used to produce a close tolerance surface finish by enlarging pre-drilled holes to a finished size. 45° bevelled lead.
Manufactured to **BS 328-4**.

Diameter Metric	Tolerance +	Tolerance -	Diameter Inch	Tolerance +	Tolerance -
~ up to 3.00	0.008	0.004	Over 7/64" ~ up to 7/64"	0.0003	0.0001
Over 3.00 ~ up to 6.00	0.010	0.005	Over 7/64" ~ up to 15/64"	0.0004	0.0002
Over 6.00 ~ up to 10.00	0.012	0.006	Over 15/64" ~ up to 25/64"	0.0005	0.0002
Over 10.00 ~ up to 18.00	0.015	0.008	Over 25/64 ~ up to 43/64"	0.0006	0.0003
Over 18.00 ~ up to 30.00	0.017	0.009	Over 43/64 ~ up to 1 1/8"	0.0007	0.0004
Over 30.00 ~ up to 50.00	0.021	0.012	Over 1 1/8" ~ up to 1 1/2"	0.0008	0.0004
Over 50.00 ~ up to 80.00	0.025	0.014	Over 1 1/2" ~ up to 2"	0.0010	0.0005
Over 80.00 ~ up to 120.00	0.029	0.016			

METRIC

Dia. (mm)	Flute Length (mm)	Overall Length (mm)	Morse Taper	Order Code SHR-065
3.00	33.0	112.0	1	**-2350A**
4.00	38.0	117.0	1	**-2352C**
5.00	44.0	124.0	1	**-2354E**
6.00	47.0	127.0	1	**-2356G**
7.00	54.0	134.0	1	**-2358J**
8.00	58.0	124.0	1	**-2360L**
9.00	62.0	142.0	1	**-2362N**
10.00	66.0	134.0	1	**-2364Q**
11.00	71.0	151.0	1	**-2366S**
12.00	81.0	156.0	1	**-2368V**
13.00	76.0	156.0	1	**-2370X**
14.00	81.0	163.0	1	**-2372Z**
15.00	81.0	181.0	2	**-2375B**
16.00	87.0	187.0	2	**-2377D**
17.00	87.0	163.0	2	**-2379F**
18.00	93.0	193.0	2	**-2380G**
19.00	93.0	193.0	2	**-2381H**
20.00	100.0	200.0	2	**-2382J**
21.00	100.0	200.0	2	**-2383K**
22.00	107.0	207.0	2	**-2384L**
23.00	107.0	207.0	2	**-2385M**
24.00	115.0	242.0	3	**-2386N**
25.00	115.0	242.0	3	**-2387P**
30.00	124.0	251.0	3	**-2392V**

SHERWOOD QUALITY CUTTING TOOLS Straight Shank Parallel Hand Reamers

HSS

Used to produce a close tolerance surface finish by hand in almost any environment i.e. on site or in a workshop.
Manufactured to **BS 328-4 and DIN 206B**. Tolerance to **H7**.

METRIC

Diameter (mm)	Flute Length	Overall Length	Order Code SHR-065
1.50	20.0	41.0	**-2100A**
2.00	25.0	50.0	**-2103D**
2.50	29.0	58.0	**-2105F**
3.00	31.0	62.0	**-2107H**
3.50	35.0	71.0	**-2109K**
4.00	38.0	76.0	**-2110L**
4.50	41.0	81.0	**-2111M**
5.00	44.0	87.0	**-2112N**
5.50	47.0	93.0	**-2113P**
6.00	47.0	93.0	**-2114Q**
6.50	50.0	100.0	**-2115R**
7.00	54.0	107.0	**-2116S**
7.50	54.0	107.0	**-2117T**
8.00	58.0	115.0	**-2118V**
8.50	58.0	115.0	**-2119W**
9.00	62.0	124.0	**-2120X**
9.50	62.0	124.0	**-2121Y**
10.00	66.0	133.0	**-2122Z**
10.50	66.0	133.0	**-2124A**
11.00	71.0	142.0	**-2125B**

Diameter (mm)	Flute Length	Overall Length	Order Code SHR-065
11.50	71.0	142.0	**-2126C**
12.00	76.0	152.0	**-2127D**
12.50	76.0	152.0	**-2128E**
13.00	76.0	152.0	**-2129F**
13.50	81.0	163.0	**-2130G**
14.00	81.0	163.0	**-2131H**
14.50	90.0	163.0	**-2132J**
15.00	81.0	163.0	**-2133K**
16.00	87.0	175.0	**-2134L**
17.00	87.0	175.0	**-2135M**
18.00	93.0	188.0	**-2136N**
19.00	93.0	188.0	**-2137P**
20.00	100.0	201.0	**-2138Q**
22.00	107.0	215.0	**-2140S**
23.00	107.0	215.0	**-2141T**
24.00	115.0	231.0	**-2142V**
25.00	115.0	231.0	**-2143W**
30.00	124.0	247.0	**-2148B**

SHERWOOD QUALITY CUTTING TOOLS Straight Shank Hand Taper Pin Reamers

HSS

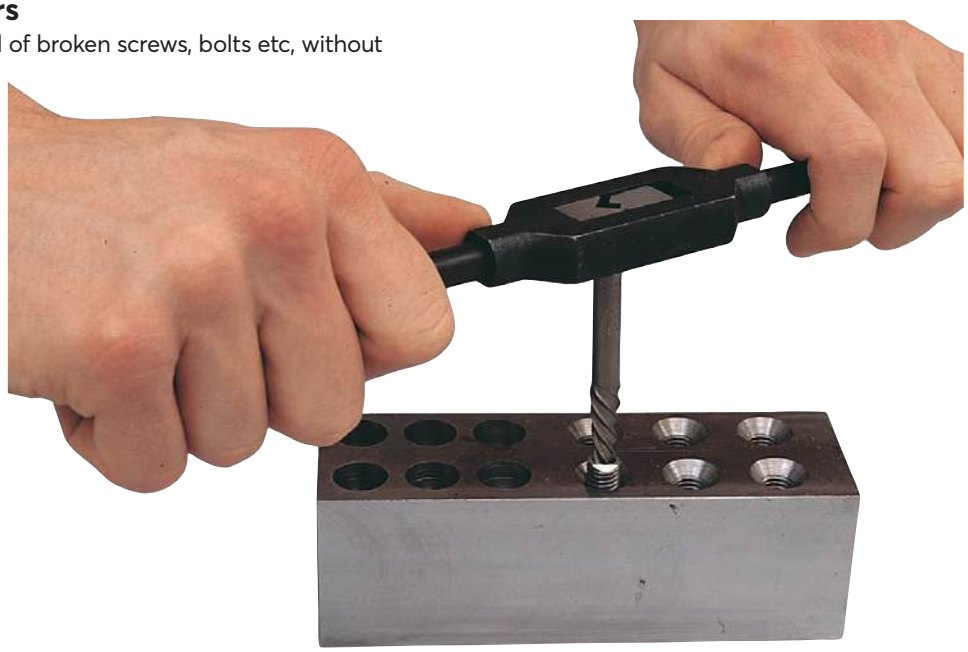
Used to produce a close tolerance surface finish in taper holes to allow the fitting of hardened and ground taper pins in the building of jigs, fixtures and dies.
Manufactured to **BS 328-4 and DIN 9A**.

Tolerances					
Diameter Metric	**Tolerance** +	-	**Diameter** Inch	**Tolerance** +	-
Over 1.50 ~ up to 5.00	0.075	0.000	Over 1/16" ~ up to 7/32"	0.0003	0.0000
Over 5.00 ~ up to 20.00	0.125	0.000	Over 7/32" ~ up to 7/8"	0.0005	0.0000

Dia. (mm)	Dia. Range min	Dia. Range max	Flute Length	Overall Length	Order Code SHR-065
2.00	1.9	2.86	48	68	**-2801B**
3.00	2.9	4.06	58	80	**-2803D**
4.00	3.9	5.26	38	93	**-2804E**
5.00	4.9	6.36	73	100	**-2805F**
6.00	5.9	8.00	105	135	**-2806G**
8.00	7.9	10.80	145	180	**-2807H**
10.00	9.9	13.40	175	215	**-2808J**
12.00	11.8	16.00	210	255	**-2809K**

KENNEDY QUALITY INDUSTRIAL TOOLING Industrial Quality Screw Extractors

Recommended for simple, low cost removal of broken screws, bolts etc, without damaging the threads of the component.

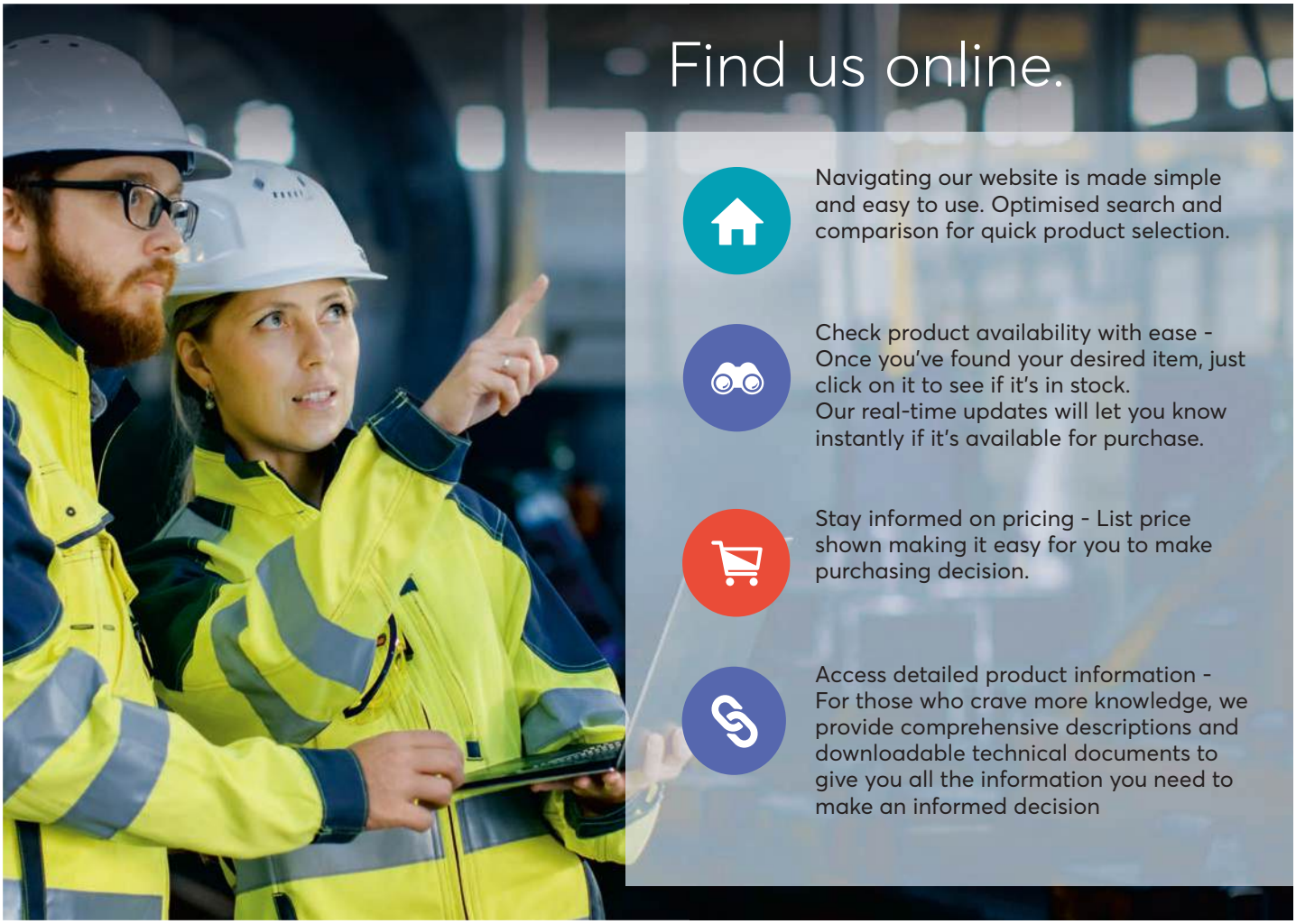


Extractor Number	Inch diameter for removing screws sized	Weight each	Order Code KEN-075
1	3/32 to 5/32	40g	-1010K
2	5/32 to 7/32	80g	-1020K
3	7/32 to 9/32	160g	-1030K
4	9/32 to 3/8	40g	-1040K
5	3/8 to 5/8	70g	-1050K
6	5/8 to 7/8	130g	-1060K
7	7/8 to 1 1/8	210g	-1070K
8	1 1/8 to 1 3/8	410g	-1080K
9	1 3/8 & above	690g	-1090K

Screw Extractor Sets
4 Piece Sizes: No. 2, 3, 4 and 5.
6 Piece Sizes: No. 1, 2, 3, 4, 5 and 6.

4 PIECES 6 PIECES

No. of Pieces	Weight each	Order Code KEN-075
4	130g	-1140K
6	250g	-1160K



SHERWOOD QUALITY CUTTING TOOLS Metric Coarse HSS Ground Thread Taps

METRIC COARSE HSS

Straight Flute Individual Sizes

ISO 529

Page 64

(1) Diameter and pitch not mentioned in ISO.

Sets of Three
1 each, taper, second and plug lead

Size - Pitch (mm)	Thread Length	Overall Length	Shank Diameter	Weight each	Taper Order Code SHR-085	Second Order Code SHR-085	Plug Order Code SHR-085	Set of 3 Order Code SHR-085
M1.0 x 0.25	5.5	38.5	2.50	3g	-	-	-	-0100D
M1.6 x 0.35	8.0	41.0	2.50	3g	-	-	-	-0130D
M2.0 x 0.40	8.0	41.0	2.50	3g	-	-	-	-0160D
M2.5 x 0.45	9.5	44.5	2.80	4g	-	-	-	-0200D
M3.0 x 0.50	11.0	48.0	3.15	4g	-	-	-	-0230D
M3.0 x 0.60 (1)	14.5	48.0	3.15	4g	-	-	-	-0240D
M3.5 x 0.60	13.0	50.0	3.55	4g	-	-	-	-0260D
M4.0 x 0.70	13.0	53.0	4.00	6g	-	-	-	-0280D
M4.5 x 0.75	12.0	53.0	4.50	6g	-	-	-	-0310D
M5.0 x 0.80	12.0	58.0	5.00	8g	-0330A	-0330B	-0330C	-0330D
M6.0 x 1.00	19.0	66.0	6.30	14g	-0370A	-0370B	-0370C	-0370D
M8.0 x 1.25	22.0	72.0	8.00	23g	-0410A	-0410B	-0410C	-0410D
M10.0 x 1.50	24.0	80.0	10.00	39g	-0450A	-0450B	-0450C	-0450D
M12.0 x 1.75	23.0	89.0	9.00	48g	-0480A	-0480B	-0480C	-0480D
M14.0 x 2.00	25.0	95.0	11.20	76g	-0510A	-0510B	-0510C	-0510D
M16.0 x 2.00	25.0	102.0	12.50	100g	-0530A	-0530B	-0530C	-0530D
M18.0 x 2.50	30.0	112.0	14.00	133g	-0550A	-0550B	-0550C	-0550D
M20.0 x 2.50	30.0	112.0	14.00	144g	-0570A	-0570B	-0570C	-0570D
M24.0 x 3.00	36.0	130.0	18.00	260g	-0610A	-0610B	-0610C	-0610D
M27.0 x 3.00	36.0	135.0	20.00	256g	-	-	-	-0640D
M30.0 x 3.50	42.0	138.0	20.00	380g	-0660A	-0660B	-0660C	-0660D
M36.0 x 4.00	48.0	162.0	25.00	646g	-	-	-	-0690D

SHERWOOD QUALITY CUTTING TOOLS Metric Fine HSS Ground Thread Taps

HSS

METRIC FINE

ISO 529
Straight Flute Individual Sizes

Sets of Three
1 each, taper, second and plug lead.

Size - Pitch (mm)	Thread Length	Overall Length	Shank Diameter	Set of 3 Order Code SHR-085
Metric Fine				
M3.0 x 0.35	11.0	48.0	3.15	-0220D
M3.5 x 0.35	13.0	50.0	3.55	-0250D
M4.0 x 0.50	13.0	53.0	4.00	-0270D
M5.0 x 0.50	16.0	58.0	5.00	-0320D
M6.0 x 0.75	19.0	66.0	6.30	-0360D
M8.0 x 1.00 (1)	19.0	72.0	8.00	-0400D
M10.0 x 1.25 (1)	20.0	80.0	10.00	-0440D
M12.0 x 1.25	29.0	89.0	9.00	-0470D
M14.0 x 1.00	30.0	95.0	11.20	-0485D
M14.0 x 1.50	30.0	95.0	11.20	-0500D
M16.0 x 1.50	32.0	102.0	12.50	-0520D
M18.0 x 1.50	45.0	95.0	14.00	-0540D
M20.0 x 1.50	37.0	112.0	14.00	-0560D
M24.0 x 2.00	45.0	130.0	18.00	-0600D
M30.0 x 1.50	37.0	127.0	20.00	-0645D
ISO Metric Special Pitch				
M2.0 x 0.45	8.0	41.0	2.50	-
M6.0 x 0.50	15.0	55.0	6.00	-0355D
M8.0 x 0.75	19.0	72.0	8.00	-0395D
M10.0 x 1.00 (1)	24.0	80.0	10.00	-0430D
M12.0 x 1.50	29.0	89.0	9.00	-0475D
M14.0 x 1.25	30.0	95.0	11.20	-0490D
M16.0 x 1.00	32.0	102.0	12.50	-0515D
M18.0 x 1.00	37.0	112.0	14.00	-0535D
M20.0 x 1.00	37.0	112.0	14.00	-0555D
M24.0 x 1.50	45.0	130.0	18.00	-0595D
M25.0 x 1.50	45.0	130.0	18.00	-0620D

SHERWOOD QUALITY CUTTING TOOLS UNC (Unified Coarse) HSS Ground Thread Taps

HSS

UNC

ISO 529

Sets of Three
1 each, taper, second and plug lead.

Size - Pitch (mm)	Thread Length	Overall Length	Shank Diameter	Set of 3 Order Code SHR-085
No.4 x 40	11.0	48.0	3.15	-0790D
No.6 x 32	13.0	50.0	3.55	-0810D
No.8 x 32	13.0	53.0	4.50	-0820D
No.10 x 24	16.0	58.0	5.00	-0830D
No.12 x 24	17.0	62.0	5.60	-0840D
1/4" x 20	19.0	66.0	6.30	-0850D
5/16" x 18	22.0	72.0	8.00	-0860D
3/8" x 16	24.0	80.0	10.00	-0870D
7/16" x 14	25.0	85.0	8.00	-0880D
1/2" x 13	29.0	89.0	9.00	-0890D
9/16" x 12	30.0	95.0	11.20	-0900D
5/8" x 11	32.0	102.0	12.50	-0910D
3/4" x 10	37.0	112.0	14.00	-0920D
7/8" x 9	38.0	118.0	16.00	-0930D
1" x 8	45.0	130.0	18.00	-0940D

Machine Taps

See our range

Scan the QR code

Metric Coarse HSS Ground Thread Taps

Spiral Flute

METRIC COARSE | HSS

Size - Pitch (mm)	Shank Dia.	A/F Square	Order Code SHR-085
2.00 - 0.40	2.50	2.00	-0160F
2.50 - 0.45	2.80	2.24	-0200F
3.00 - 0.50	3.15	2.50	-0230F
3.50 - 0.60	3.55	2.80	-0260F
4.00 - 0.70	4.00	3.15	-0280F
5.00 - 0.80	5.00	4.00	-0330F
6.00 - 1.00	6.30	5.00	-0370F
8.00 - 1.25	8.00	6.30	-0410F
10.00 - 1.50	10.00	8.00	-0450F
12.00 - 1.75	9.00	7.10	-0480F
14.00 - 2.00	11.20	9.00	-0510F
16.00 - 2.00	12.50	10.00	-0530F
18.00 - 2.50	14.00	11.20	-0550F
20.00 - 2.50	14.00	11.20	-0570F
24.00 - 3.00	18.00	14.00	-0610F

Spiral Point/Gun Nose

METRIC COARSE | HSS

Size - Pitch (mm)	Shank Dia.	A/F Square	Order Code SHR-085
M2.0 x 0.40	2.50	2.00	-0160E
M2.5 x 0.45	2.80	2.24	-0200E
M3.0 x 0.50	3.15	2.50	-0230E
M3.5 x 0.60	3.55	2.80	-0260E
M4.0 x 0.70	4.00	3.15	-0280E
M5.0 x 0.80	5.00	4.00	-0330E
M6.0 x 1.00	6.30	5.00	-0370E
M8.0 x 1.25	8.00	6.30	-0410E
M10.0 x 1.50	10.00	8.00	-0450E
M12.0 x 1.75	9.00	7.10	-0480E
M14.0 x 2.00	11.20	9.00	-0510E
M16.0 x 2.00	12.50	10.00	-0530E
M18.0 x 2.50	14.00	11.20	-0550E
M20.0 x 2.50	14.00	11.20	-0570E
M24.0 x 3.00	18.00	14.00	-0610E

Metric Fine HSS Ground Thread Taps

ISO 529

Spiral Point/Gun Nose

HSS

METRIC FINE

Size - Pitch (mm)	Shank Diameter	A/F Square	Order Code SHR-085
Metric Fine			
M5.0 x 0.50	5.00	4.00	-0320E
M6.0 x 0.75	6.30	5.00	-0360E
M8.0 x 1.00	8.00	6.30	-0400E
M10.0 x 1.25	10.00	8.00	-0440E
M14.0 x 1.50	11.20	9.00	-0500E
M16.0 x 1.50	12.50	10.00	-0520E
M18.0 x 1.50	14.00	11.20	-0540E
M20.0 x 1.50	14.00	11.20	-0560E
ISO Metric Special Pitch			
M10.0 x 1.00	10.00	8.00	-0430E
M12.0 x 1.25	9.00	7.10	-0470E
M12.0 x 1.50	9.00	7.10	-0475E

Spiral Flute

HSS

METRIC FINE

Size - Pitch (mm)	Shank Diameter	A/F Square	Order Code SHR-085
Metric Fine			
M20.0 x 1.50	14.00	11.20	-0560F
ISO Metric Special Pitch			
M5.0 x 0.50	5.00	4.00	-0320F
M8.0 x 1.00	8.00	6.30	-0400F
M10.0 x 1.00	10.00	8.00	-0430F
M10.0 x 1.25	10.00	8.00	-0440F
M12.0 x 1.25	9.00	7.10	-0470F
M12.0 x 1.50	9.00	7.10	-0475F
M14.0 x 1.50	11.20	9.00	-0500F
M16.0 x 1.50	12.50	10.00	-0520F
M18.0 x 1.50	14.00	11.00	-0540F

BSPT (British Standard Pipe Taper) HSS Ground Thread Taps

ISO 529
Straight Flute

BSPT HSS

Size - Pitch	Thread Length	Shank Diameter	Overall Length	Plug Order Code SHR-085
1/8" x 28	15.0	8.0	59.0	-2200C
1/4" x 19	19.0	10.0	67.0	-2210C
3/8" x 19	21.0	12.5	75.0	-2220C
1/2" x 14	26.0	16.0	87.0	-2230C
3/4" x 14	28.0	20.0	96.0	-2240C
1" x 11	33.0	25.0	109.0	-2250C

NPT (National Pipe Taper) HSS Ground Thread Taps

ANSI 94.9
Straight Flute

NPT HSS

Left Hand Also Available

Size - Pitch	Thread Length	Shank Diameter	Overall Length	Order Code SHR-085
1/16" x 27	11/16"	0.312	2 1/8"	-3010C
1/8" x 27	3/4"	0.437	2 1/8"	-3020C
1/4" x 18	1 1/16"	0.562	2 7/16"	-3030C
3/8" x 18	1 1/16"	0.700	2 9/16"	-3040C
1/2" x 14	1 3/8"	0.687	3 1/8"	-3050C
3/4" x 14	1 3/8"	0.906	3 1/4"	-3060C
1" x 11.5	1 3/4"	1.125	3 3/4"	-3070C

Straight Flute Individual Sizes

HSS

METRIC COARSE

(1) Diameter and pitch not mentioned in ISO.

Size Pitch (mm)	Thread Length	Overall Length	Shank Diameter	Taper. Order Code SHR-085	Second Order Code SHR-085	Plug Order Code SHR-085
M36.0 x 4.00	48.0	162.0	25.00	-0690A	-0690B	-0690C

UNF (Unified Fine) HSS Ground Thread Taps

ISO 529
Straight Flute Individual Sizes

UNF HSS

Sets of Three
1 each, taper, second and plug lead.

Size - Pitch	Thread Length	Overall Length	Shank Diameter	Set of 3 Order Code SHR-085
7/8" x 14	38.0	118.0	18.0	-1190D
1" x 12	45.0	130.0	18.0	-1200D

BA (British Association) HSS Ground Thread Taps

ISO 529
Straight Flute Individual Sizes

BA HSS

Sets of Three
1 each, taper, second and plug lead.

Size - Pitch	Shank Diameter	Set of 3 Order Code SHR-085
No.2 x 0.0319	5.00	-1820D
No.4 x 0.0260	3.55	-1840D
No.6 x 0.0209	2.80	-1860D

UNC (Unified Coarse) HSS Ground Thread Taps

ISO 529
Straight Flute Individual Sizes

UNC HSS

Sets of Three
1 each, taper, second and plug lead.

Size - Pitch (mm)	Thread Length	Overall Length	Shank Diameter	Set of 3 Order Code SHR-085
Metric Fine				
M3.0 x 0.35	11.0	48.0	3.15	-0800D

Metric Fine HSS Ground Thread Taps

ISO 529
Straight Flute Individual Sizes

HSS

METRIC FINE

Sets of Three
1 each, taper, second and plug lead.

Size - Pitch (mm)	Thread Length	Overall Length	Shank Diameter	Set of 3 Order Code SHR-085
ISO Metric Special Pitch				
M2.0 x 0.45	8.0	41.0	2.50	-0170D

BSF (British Standard Fine) HSS Ground Thread Taps

ISO 529
Straight Flute Individual Sizes

BSF HSS

Sets of Three
1 each, taper, second and plug lead.

Size - Pitch (mm)	Thread Length	Overall Length	Shank Diameter	Set of 3 Order Code SHR-085
7/8" x 11	38.0	118.0	16.0	-1700D

BSW (British Standard Whitworth) HSS Ground Thread Taps

ISO 529
Straight Flute Individual Sizes

BSW HSS

Sets of Three
1 each, taper, second and plug lead.

Size - Pitch (mm)	Thread Length	Overall Length	Shank Diameter	Set of 3 Order Code SHR-085
3/4" x 10 37.0	37.0	112.0	14.0	-1440D

SHERWOOD QUALITY CUTTING TOOLS HSS Ground Thread Taps

ISO 529

Sets of Three
1 each, taper, second and plug lead.

UNF HSS

Size - Pitch	Thread Length	Overall Length	Shank Diameter	Set of 3 Order Code SHR-085
No.10 x 32	16.0	58.0	5.00	**-1090D**
No.12 x 28	17.0	62.0	5.60	**-1110D**
5/16" x 24	19.0	69.0	8.00	**-1120D**
3/8" x 24	20.0	76.0	10.00	**-1130D**
7/16" x 20	25.0	85.0	8.00	**-1140D**
1/2" x 20	29.0	89.0	9.00	**-1150D**
9/16" x 18	30.0	95.0	11.20	**-1160D**
5/8" x 18	32.0	102.0	12.50	**-1170D**
3/4" x 16	37.0	112.0	14.00	**-1180D**

Sets of Three
1 each, taper, second and plug lead.

BSW HSS

Size - Pitch	Thread Length	Overall Length	Shank Diameter	Set of 3 Order Code SHR-085
1/8" x 40	16.0	48.0	3.15	**-1320D**
3/16" x 24	16.0	58.0	5.00	**-1340D**
1/4" x 20	19.0	66.0	6.30	**-1360D**
5/16" x 18	22.0	72.0	8.00	**-1370D**
3/8" x 16	24.0	80.0	10.00	**-1380D**
7/16" x 14	25.0	85.0	8.00	**-1390D**
1/2" x 12	29.0	89.0	9.00	**-1400D**
5/8" x 11	32.0	102.0	12.50	**-1420D**
3/4" x 10	37.0	112.0	14.00	**-1430D**
1" x 8	45.0	130.0	18.00	**-1450D**

Sets of Three
1 each, taper, second and plug lead.

BSP HSS

Size - Pitch	Thread Length	Overall Length	Shank Diameter	Set of 3 Order Code SHR-085
1/8" x 28	15.0	59.0	8.0	**-2010D**
1/4" x 19	19.0	67.0	10.0	**-2020D**
3/8" x 19	21.0	75.0	12.5	**-2030D**
1/2" x 14	26.0	87.0	16.0	**-2040D**
5/8" x 14	26.0	91.0	18.0	**-2050D**
3/4" x 14	28.0	96.0	20.0	**-2060D**
1" x 11	33.0	109.0	25.0	**-2080D**

Sets of Three
1 each, taper, second and plug lead.

LEFT HAND
METRIC COARSE HSS

Size - Pitch	Thread Length	Overall Length	Shank Diameter	Set of 3 Order Code SHR-087
M4.0 x 0.70	13.0	53.0	4.00	**-0280P**
M5.0 x 0.80	16.0	58.0	5.00	**-0330P**
M6.0 x 1.00	19.0	66.0	6.30	**-0370P**
M8.0 x 1.25	22.0	72.0	8.00	**-0410P**
M10.0 x 1.50	24.0	80.0	10.00	**-0450P**
M12.0 x 1.75	23.0	89.0	9.00	**-0480P**
M14 x 2.00	25.0	95.0	11.2	**-0510P**
M16.0 x 2.00	25.0	102.0	12.50	**-0530P**

Sets of Three
1 each, taper, second and plug lead.

BSF HSS

Size - Pitch	Thread Length	Overall Length	Shank Diameter	Set of 3 Order Code SHR-085
1/4" x 26	19.0	66.0	6.3	**-1610D**
5/16" x 22	22.0	72.0	8.0	**-1630D**
3/8" x 20	24.0	80.0	10.0	**-1640D**
7/16" x 18	25.0	85.0	8.0	**-1650D**
1/2" x 16	29.0	89.0	9.0	**-1660D**
5/8" x 14	32.0	102.0	12.5	**-1680D**
3/4" x 12	37.0	112.0	14.0	**-1690D**

THREADING SETS

SHERWOOD QUALITY CUTTING TOOLS Metric Threading Set

HSS

METRIC COARSE

M2 - M16:

HSS Ground Thread
Taper and Second Taps:
M2 x 0.40, M3 x 0.50, M4 x 0.70, M5 x 0.80, M6 x 1.00, M8 x 1.25, M10 x 1.50 and M12 x 1.75. Manufactured to **ISO 529.**
Bar Type Tap Wrenches: 1/16" - 1/4" and 3/16" - 1/2".
Tapping Drills to Suit: 1.6, 2.5, 3.3, 4.2, 5.0, 6.8, 8.5 and 10.2mm. Made to **BS 328/DIN 338N.**
13/16" O/D Split Dies: M2 x 0.40, M3 x 0.50, M4 x 0.70, M5 x 0.80 and M6 x 1.00.
1" O/D Split Dies: M8 x 1.25 and M10 x 1.50.
Manufactured to **BS 1127.**
Diestocks: 13/16" O/D and 1" O/D.
HSS Die Nuts: M12 x 1.75 and M16 x 2.00.
Manufactured to **BS 1127.**

37 PIECES

Range	Number of pieces	Order Code SHR-086
M2 - M16	37	-9990K

SHERWOOD QUALITY CUTTING TOOLS BSP(F) Threading Set

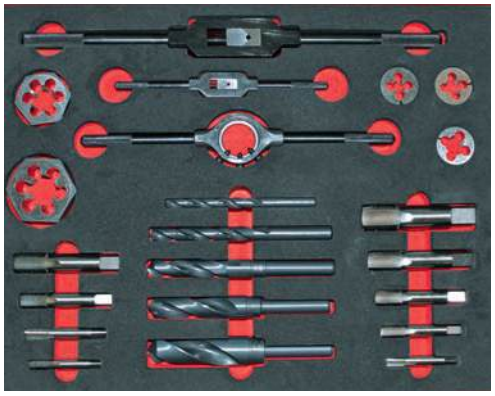
HSS

BSP

HSSGT Straight Flute Taps:
Taper: 1/8" x 28, 1/4" x 19, 3/8" x 19, 1/2" x 14.
Second: 3/4" x 14
Plug: 1/8" x 28, 1/4" x 19, 3/8" x 19, 1/2" x 14.
Outside Diameter HSS Dies BSPF x 1 5/16":
1/8" x 28, 1/4" x 19, 3/8" x 19
BSPF HSS Hexagon Die Nut: 1/2" x 14, 3/4" x 14
HSS Straight Shank Jobber Drill: 8.80mm, 11.80mm,
Parallel Shank Drill 1/2": 15.25mm, 19.00mm, 24.50mm
Holders: 1 5/16" Outside diameter Diestock.

1/16" - 1/4" &
1/4" - 3/4"
Traditional
Tap Wrenches.

22 PIECES



Range	Number of pieces	Order Code SHR-086
1/8" - 3/4" BSP(F)	22	-9989K

SHERWOOD QUALITY CUTTING TOOLS UNC Threading Set

UNC

No.10 - 3/4" UNC:

HSSGT Straight Flute Taps:
Taper and Plug: No.10 x 24, 1/4" x 20, 5/16" x 18, 3/8" x 16.
Second: 7/16" x 14, 1/2" x 13, 5/8" x 11, 3/4" x 10.
Bar Type Tap Wrenches: 1/16" - 1/4" and 1/4" - 3/4".
Tapping Drills to suit: HSS S/S. 3.90, 5.10, 6.60, 8.00, 9.40, 10.80mm
HSS 1" O/D Dies: 1/4" x 20, 5/16" x 18, 3/8" x 16.
Diestock: 1" O/D.
HSS Die Nuts: 7/16" x 14, 1/2" x 13, 5/8" x 11, 3/4" x 10.

UNF Threading Set

UNF

No.10 - 3/4" UNF:
HSSGT Straight Flute Taps:
Taper and Plug: No.10 x 32, 1/4" x 28, 5/16" x 24, 3/8" x 24.
Second: 3/4" x 16, 7/16" x 20, 5/8" x 18, 1/2" x 20.
Bar Type Tap Wrenches: 1/16" - 1/4" and 1/4" - 3/4".
Tapping Drills to Suit: HSS S/S. 4.10, 5.50, 6.90, 8.50, 9.50, 11.50mm
HSS 1" O/D Dies: 1/4" x 28, 5/16" x 24, 3/8" x 24.
Diestock: 1" O/D.
HSS Die Nuts: 7/16" x 20, 1/2" x 20, 5/8" x 18, 3/4" x 16.

28 PIECES

Range	Number of Pieces	Order Code SHR-086
10 - 3/4"UNC	28	-9994K
10 - 3/4" UNF	28	-9993K

SHERWOOD QUALITY CUTTING TOOLS BSW Threading Set

BSW

3/16" - 3/4" BSW:

HSSGT Straight Flute Taps:
Taper: 3/16" x 24, 1/4" x 20, 5/16" x 18, 3/8" x 16.
Second: 7/16" x 14, 1/2" x 12, 5/8" x 11, 3/4" x 10.
Plug: 3/8" x 16, 5/16" x 18, 1/4" x 20, 3/16" x 24.
Bar Type Tap Wrenches: 1/4" - 3/4" and 1/16" - 1/4".
Tapping Drills to Suit: HSS S/S. 3.70, 5.10, 6.50, 7.90, 9.30, 10.50mm
HSS 1" O/D Dies: 1/4" x 2, 5/16" x 18 and 3/8" x 16.
Diestock: 1" O/D.
HSS Die Nuts: 7/16" x 14, 1/2" x 12, 5/8" x 11 and 3/4" x 10.

BSF Threading Set

BSF

3/16" - 3/4" BSF:

HSSGT Straight Flute Taps:
Taper: 3/16" x 32, 1/4" x 26, 5/16" x 22, 3/8" x 20.
Second: 3/4" x 12, 7/16" x 18, 5/8" x 14, 1/2" x 16.
Plug: 3/16" x 32, 1/4" x 26, 5/16" x 22, 3/8" x 20.
Bar Type Tap Wrenches: 1/16" - 1/4" and 1/4" - 3/4".
Tapping Drills to Suit: HSS S/S. 4.00, 5.30, 6.80, 8.30, 9.70, 11.10mm.
HSS 1" O/D Split Dies: 1/4" x 26, 5/16" x 22 and 3/8" x 20.
Diestock: 1" O/D.
HSS Die Nuts: 7/16" x 18, 1/2" x 16, 5/8" x 14 and 3/4" x 12.

28 PIECES

Range	Number of Pieces	Order Code SHR-086
3/16 -3/4" BSW	28	-9992K
3/16 - 3/4" BSF	28	-9991K

SENATOR QUALITY TOOLING Metric Threading Set

CARBON STEEL

Metric M3 - M12
32 piece set of machine ground carbon steel taps and dies supplied in a metal box. For general workshop and maintenance use only.

Contents:
O/D Split Dies: M3, M4, M5, M6, M8, M10 and M12.
Ground Thread Taps (1 of each, taper, second and plug lead): M3, M4, M5, M6, M8, M10 and M12.
Bar Type Tap Wrenches: M1 - M12 x 210mm.
Die Stock: 25 x 9 x 210mm.
Metric Thread Pitch Gauge.
Flat Bladed Screwdriver: 6mm.

32 PIECES

Range	Number of Pieces	Order Code SEN-086
M3 - M12	32	-3990K

SENATOR QUALITY TOOLING Metric Threading Set

HSS

Metric M3 - M12
Comprehensive threading set containing machine ground HSS Taps and Dies in a metal box.

Contents:
O/D Split Dies: M3, M4, M5, M6, M8, M10 and M12.
Ground Thread Taps (1 of each, taper, second and plug lead): M3, M4, M5, M6, M8, M10 and M12.
Bar Type Tap Wrench: M1 - M12 x 210mm.
Die Stock: 25 x 9 x 210mm.
Metric Thread Pitch Gauge.
Flat Bladed Screwdriver: 6mm.

32 PIECES

Range	Number of Pieces	Order Code SEN-086
M3 - M12	32	-9980K

SENATOR QUALITY TOOLING Metric Threading Set

CARBON STEEL

- Coarse and fine combined set
- Machine ground carbon steel taps and dies
- For general workshop and maintenance use only
- Supplied in a robust plastic carrying case

Contents:
Tap & Die Sizes: Coarse: from M6 to M24, Fine: from M6 to M24
Tap Wrench, 'T' Type Tap Wrench, Die Holder, Die Adaptor, Flat Bladed Screwdriver

45 PIECES

Range	Number of Pieces	Order Code SEN-086
M3 - M12	45	-9910K

SENATOR QUALITY TOOLING Metric Threading Set

HSS

Machine ground HSS taps and dies. Conforms to **ISO529** and **BS1127.**

Contents:
Tap & Die Sizes (M3 to M6): M3 x 0.50, M4 x 0.70, M5 x 0.80 and M6 x 1.00mm. 'T' Type Tap Wrench (capacity M3 - M6).
Die Holder 1" O/D.

10 PIECES

Range	Number of Pieces	Order Code SEN-086
M3 - M6	10	-9920K

Metric Coarse HSS Ground Thread Dies

METRIC COARSE

HSS

BS 1127
For use in diestocks to produce external screw threads.

Size - Pitch (mm)	Outside Diameter	Thickness	Order Code SHR-086
M2.0 x 0.40	13/16"	1/4"	-0110K
M2.5 x 0.45	13/16"	1/4"	-0130K
M3.0 x 0.50	13/16"	1/4"	-0140K
M3.5 x 0.60	13/16"	1/4"	-0150K
M4.0 x 0.70	13/16"	1/4"	-0160K
M4.0 x 0.70	1"	3/8"	-0410K
M5.0 x 0.80	1"	3/8"	-0430K
M5.0 x 0.80	13/16"	1/4"	-0180K
M6.0 x 1.00	13/16"	1/4"	-0200K
M6.0 x 1.00	1"	3/8"	-0440K
M6.0 x 1.00	15/16"	7/16"	-0590K
M7.0 x 1.00	13/16"	1/4"	-0210K
M8.0 x 1.25	1"	3/8"	-0460K
M8.0 x 1.25	15/16"	7/16"	-0610K
M8.0 x 1.25	1 1/2"	1/2"	-0790K
M10.0 x 1.50	1"	3/8"	-0480K
M10.0 x 1.50	15/16"	7/16"	-0630K
M10.0 x 1.50	1 1/2"	1/2"	-0810K
M11.0 x 1.50	15/16"	7/16"	-0640K
M12.0 x 1.75	15/16"	7/16"	-0650K
M12.0 x 1.75	1 1/2"	1/2"	-0830K
M12.0 x 1.75	2"	5/8"	-1020K
M14.0 x 2.00	15/16"	7/16"	-0660K
M14.0 x 2.00	1 1/2"	1/2"	-0840K
M14.0 x 2.00	2"	5/8"	-1030K
M16.0 x 2.00	1 1/2"	1/2"	-0850K
M16.0 x 2.00	2"	5/8"	-1040K
M18.0 x 2.50	1 1/2"	1/2"	-0860K
M20.0 x 2.50	1 1/2"	1/2"	-0870K
M20.0 x 2.50	2"	5/8"	-1060K
M24.0 x 3.00	2"	5/8"	-1080K
M37.0 x 3.00	2"	5/8"	-1090K
M30.0 x 3.50	3"	7/8"	-1220K

SHERWOOD QUALITY CUTTING TOOLS

METRIC FINE

HSS

Metric Fine HSS Ground Thread Dies

BS 1127
For use in diestocks to produce external screw threads.

Size - Pitch (mm)	Outside Diameter	Thickness	Order Code SHR-086
Metric Fine			
M4.0 x 0.50	13/16"	1/4"	-1930K
M5.0 x 0.50	13/16"	1/4"	-1950K
M6.0 x 0.50	13/16"	1/4"	-0190K
M6.0 x 0.75	13/16"	1/4"	-1980K
M8.0 x 1.00	1"	3/8"	-2040K
M10.0 x 1.25	1"	3/8"	-2080K
M10.0 x 1.25	15/16"	7/16"	-2130K
M12.0 x 1.25	15/16"	7/16"	-2150K
M14.0 x 1.50	15/16"	7/16"	-2180K
M16.0 x 1.50	1 1/2"	1/2"	-2220K
M18.0 x 1.50	1 1/2"	1/2"	-2230K
M20.0 x 1.50	1 1/2"	1/2"	-2250K
M20.0 x 1.50	2"	5/8"	-2330K
M24.0 x 2.00	2"	5/8"	-2380K
ISO Metric Special Pitch			
M5.0 x 0.90	13/16"	1/4"	-0185K
M8.0 x 0.75	1"	3/8"	-2030K
M14.0 x 1.25	15/16"	7/16"	-2170K
M25.0 x 1.50	2"	5/8"	-2390K

SHERWOOD QUALITY CUTTING TOOLS

Metric Coarse HSS Ground Thread Die Nuts

METRIC COARSE

HSS

BS 1127
For use with spanners to clean and repair existing external screw threads.

Size - Pitch (mm)	Width	Thickness	Order Code SHR-086
M3.0 x 0.50	0.71"	1/4"	-1310K
M4.0 x 0.70	0.71"	1/4"	-1330K
M5.0 x 0.80	0.71"	1/4"	-1350K
M6.0 x 1.00	0.71"	1/4"	-1360K
M7.0 x 1.00	0.82"	5/16"	-1440K
M8.0 x 1.25	0.82"	5/16"	-1450K
M10.0 x 1.50	0.92"	3/8"	-1500K
M12.0 x 1.75	1.10"	1/2"	-1570K
M14.0 x 2.00	1.30"	5/8"	-1600K
M16.0 x 2.00	1.30"	5/8"	-1610K
M18.0 x 2.50	1.48"	11/16"	-1640K
M20.0 x 2.50	1.48"	11/16"	-1650K
M24.0 x 3.00	2.05"	15/16"	-1720K
M30.0 x 3.50	2.22"	11/16"	-1760K
M36.0 x 4.00	2.76"	1 1/4"	-1790K

SHERWOOD QUALITY CUTTING TOOLS

Metric Fine HSS Ground Thread Die Nuts

METRIC FINE

HSS

BS 1127
For use with spanners to clean and repair existing external screw threads.

Size - Pitch (mm)	Width	Thickness	Order Code SHR-086
Metric Fine			
M6.0 x 0.75	0.71"	1/4"	-2550K
M8.0 x 1.00	0.82"	5/16"	-2590K
M10.0 x 1.25	0.92"	3/8"	-2640K
M12.0 x 1.25	1.10"	1/2"	-2660K
M14.0 x 1.50	1.30"	5/8"	-2770K
M16.0 x 1.50	1.30"	5/8"	-2790K
M18.0 x 1.50	1.48"	11/16"	-2810K
M20.0 x 1.50	1.48"	11/16"	-2830K
M24.0 x 2.00	2.05"	15/16"	-2890K

Die Nuts

See our range

Scan the QR code

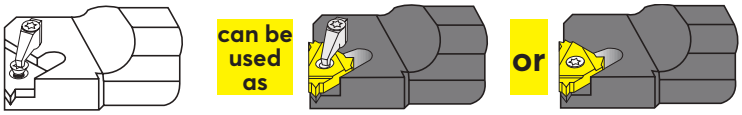
Brazed Tools

See our range

Scan the QR code

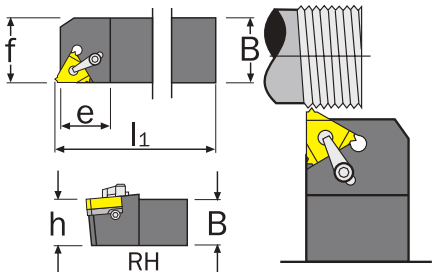
INDEXA™ Threading Toolholders - Dual Top Clamp & Screw-on

Example shows **DIR -** Internal,
but clamping is identical to **DER/L -** External.
Standard Helix is 1.5°.



External

Dual DER/L -
External.

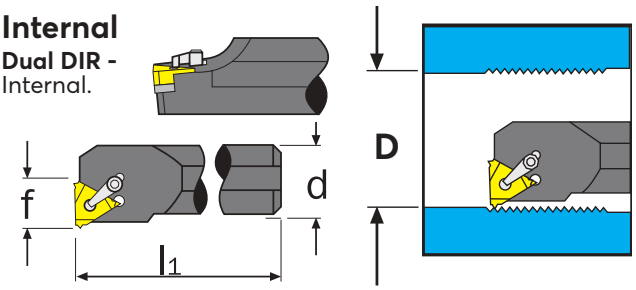


Suitable Inserts
ER = Right Hand **EL** = Left Hand
Sizes **16** = 16ER/L
22 = 22ER/L

ISO Designation		Dimensions h	B	l_1	f	e	Order Code IND-106
DER 1616H	**16**	16	16	100	16	22	**-8100K**
DER 2020K	**16**	20	20	125	20	22	**-8000K**
DER 2525M	**16**	25	25	150	25	22	**-8020K**
DEL 2525M	**16**	25	25	150	25	22	**-8030K**
DER 2525M	**22**	25	25	150	25	28	**-8040K**

Internal

Dual DIR -
Internal.

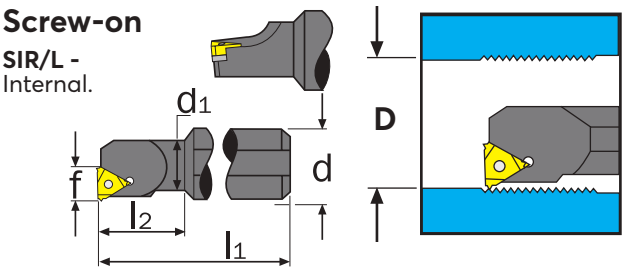


Suitable Inserts
IR = Right Hand
Sizes **16** = 16IR
22 = 221R

ISO Designation		Dimensions (mm) d	l_1	f	Dmin	Order Code IND-106
DIR 0020P	**16**	20	170	13.7	24	**-8240K**
DIR 0025R	**16**	25	200	16.2	29	**-8260K**

Screw-on

SIR/L -
Internal.



Suitable Inserts
IR = Right hand **IL** = Left Hand
Sizes **06** = 06IR/L
08 = 08IR/L
11 = 11IR/L
16 = 16IR/L
22 = 22IR/L

ISO Designation			Dimensions d_1	d	l_1	l_2	f	DMin	Order Code IND-106
SIR	0010H	**11**	10	10	100	-	7.4	12.0	**-8360K**
SIR	0013M	**16**	16	13	150	32	10.2	16.0	**-8400K**
SIR	0016P	**16**	20	16	170	40	11.7	19.0	**-8420K**
SIL	0016P	**16**	20	16	170	40	11.7	19.0	**-8430K**
SIR	0020P	**22**	20	20	170	-	15.6	24.0	**-8440K**

Indexable Milling Cutters

See our range

Scan the QR code

Power. Precision. Perfection.

KOBE™

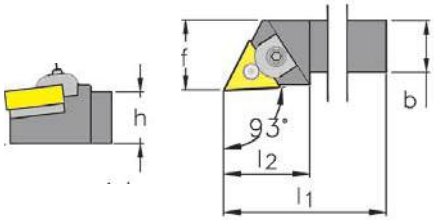
INDEXA Combination Top Clamp & Pinlock External Toolholders

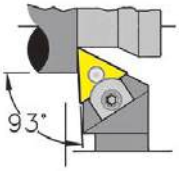
MTJN R

93° approach for negative triangular inserts.

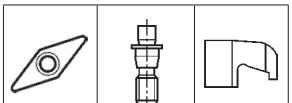
Inserts See Group 120
Sizes : **16** = 1604

TN_A TN_G





Spares to Suit Contact your authorised reseller for prices



Shim	Lock Pin	Clamp

Designation MTJN....	Dimensions (mm) h=h_1	b	l_1	l_2	f	Order Code IND-106	Order Code IND-107		
R 2020K **16**	20	20	125	34	25	**-1300K**	**-2087K**	**-1480K**	**-0943K**
R 2525M **16**	25	25	150	34	32	**-1320K**	**-2087K**	**-1480K**	**-0943K**

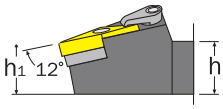
INDEXA

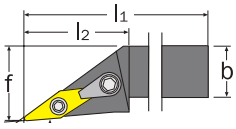
MVJN R/L

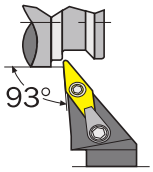
93° approach for negative 35° rhombic inserts.

Inserts See Group 120
Sizes **16** = 1604__

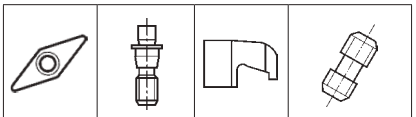
VN_A VN_G







Spares to Suit Contact your authorised reseller for prices



Shim	Lock Pin	Clamp	Clamp Screw

Designation MVJN....	Dimensions (mm) h=h_1	b	l_1	l_2	f	Order Code IND-106	Order Code IND-107			
R 2020K **16**	20	20	125	37	25	**-1500K**	**- 2100K**	**- 1600K**	**- 0600K**	**- 0900K**
L 2020K **16**	20	20	125	37	25	**-1510K**	**- 2100K**	**- 1600K**	**- 0600K**	**- 0900K**
R 2525M **16**	25	25	150	37	32	**-1520K**	**- 2100K**	**- 1600K**	**- 0600K**	**- 0900K**
L 2525M **16**	25	25	150	37	32	**-1530K**	**- 2100K**	**- 1600K**	**- 0600K**	**- 0900K**

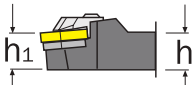
INDEXA

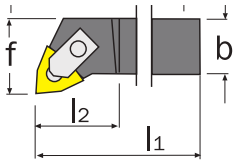
MWLN R/L

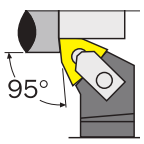
95° approach for negative 80° trigon inserts.

Inserts See Group 120
Sizes **08** = 0804__

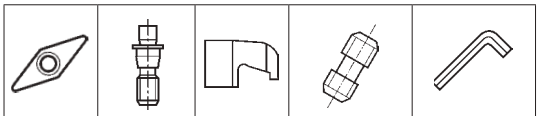
WN_A WN_G WN_M







Spares to Suit Contact your authorised reseller for prices



Shim	Lock Pin	Clamp	Clamp Screw	Clamp Key

Designation MWLN....	Dimensions (mm) h=h_1	b	l_1	l_2	f	Order Code IND-106	Order Code IND-107				
R 2020K **16**	20	20	125	34	25	**-1680K**	**- 2920K**	**- 1680K**	**- 0940K**	**- 0080K**	**- 1500K**
L 2020K **16**	20	20	125	34	25	**-1690K**	**- 2920K**	**- 1680K**	**- 0940K**	**- 0080K**	**- 1500K**
R 2525M **16**	25	25	150	34	32	**-1700K**	**- 2920K**	**- 1680K**	**- 0940K**	**- 0080K**	**- 1500K**
L 2525M **16**	25	25	150	34	32	**-1710K**	**- 2920K**	**- 1680K**	**- 0940K**	**- 0080K**	**- 1500K**

INDEXA

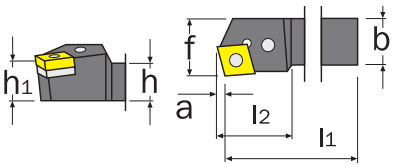
Lever Lock External Toolholders

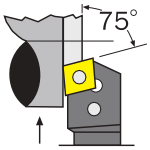
PCKN R/L

75° approach for negative 80° rhombic inserts.

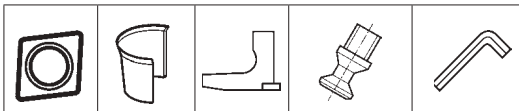
Inserts See Group 120
Sizes **12** = 1204__

CN_A CN_G





Spares to Suit Contact your authorised reseller for prices



Designation PCKN....	Dimensions (mm) h=h1	b	l1	l2	f	a	Order Code IND-106	Order Code IND-107 Shim	Shim Pin	Lever	Lever Screw	Hex Key
R 2020K **12**	20	20	125	28	25	3.1	**-1820K**	**-2150K**	**-3100K**	**-1050K**	**-1400K**	**-1300K**
L 2525M **12**	25	25	150	34	22	3.8	**-1860K**	**-2150K**	**-3100K**	**-1050K**	**-1400K**	**-1300K**

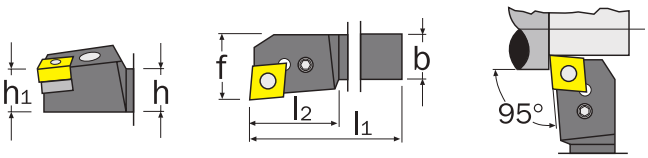
INDEXA

PCLN R/L

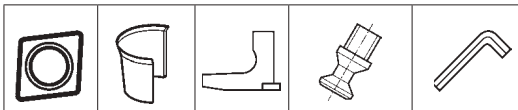
95° approach for negative 80° rhombic inserts.

Inserts See Group 120
Sizes **09** = 0903__
Sizes **12** = 1204__
Sizes **16** = 1606__
Sizes **19** = 1906__

CN_A CN_G



Spares to Suit Contact your authorised reseller for prices



Designation PCLN....	Dimensions (mm) h=h1	b	l1	l2	f	Order Code IND-106	Order Code IND-107 Shim	Shim Pin	Lever	Lever Screw	Hex Key
R 1616H **12**	16	16	100	26	20	**-1960K**	**- 2150K**	**- 3100K**	**- 1260K**	**- 1500K**	**- 1300K**
R 2020K **09**	20	20	125	28	25	**-**	**- 2130K**	**- 3050K**	**- 0950K**	**- 1300K**	**- 1250K**
R 2020K **12**	20	20	125	28	25	**-2000K**	**- 2150K**	**- 3100K**	**- 1050K**	**- 1400K**	**- 1300K**
L 2020K **12**	20	20	125	28	25	**-2010K**	**- 2150K**	**- 3100K**	**- 1050K**	**- 1400K**	**- 1300K**
R 2525M **09**	25	25	150	28	32	**-2020K**	**- 2130K**	**- 3050K**	**- 0950K**	**- 1300K**	**- 1250K**
R 2525M **12**	25	25	150	28	32	**-2040K**	**- 2150K**	**- 3100K**	**- 1050K**	**- 1400K**	**- 1300K**
L 2525M **12**	25	25	150	28	32	**-2050K**	**- 2150K**	**- 3100K**	**- 1050K**	**- 1400K**	**- 1300K**
R 3225P **12**	32	25	170	28	32	**-2100K**	**- 2150K**	**- 3100K**	**- 1050K**	**- 1400K**	**- 1300K**

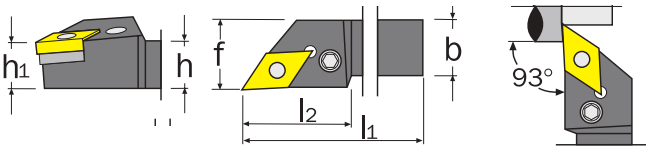
INDEXA

PDJN R/L

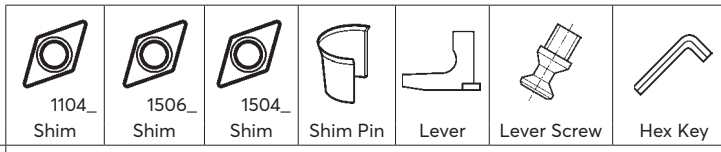
93° approach for negative 55° rhombic inserts.

Inserts See Group 120
Sizes **11** = 1104__
Sizes **15** = 1506__
= 1504__ (optional)

DN_A DN_G



Spares to Suit Contact your authorised reseller for prices



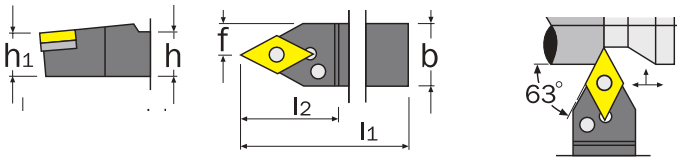
Designation PDJN....	Dimensions (mm) h=h1	b	l1	l2	f	Order Code IND-106	Order Code IND-107 1104_ Shim	1506_ Shim	1504_ Shim	Shim Pin	Lever	Lever Screw	Hex Key
R 2020K **11**	20	20	125	30	25	**-2380K**	**- 2800K**	**-**	**-**	**- 3050K**	**- 0950K**	**- 1300K**	**- 1250K**
L 2020K **11**	20	20	125	30	25	**-2390K**	**- 2800K**	**-**	**-**	**- 3050K**	**- 0950K**	**- 1300K**	**- 1250K**
R 2020K **15**	20	20	125	34	25	**-2400K**	**-**	**- 2250K**	**- 2270K**	**- 3100K**	**- 1100K**	**- 1410K**	**- 1300K**
L 2020K **15**	20	20	125	34	25	**-2410K**	**-**	**- 2250K**	**- 2270K**	**- 3100K**	**- 1100K**	**- 1410K**	**- 1300K**
R 2525M **11**	25	25	150	33	32	**-2420K**	**- 2800K**	**-**	**-**	**- 3050K**	**- 0950K**	**- 1300K**	**- 1250K**
L 2525M **11**	25	25	150	33	32	**-2430K**	**- 2800K**	**-**	**-**	**- 3050K**	**- 0950K**	**- 1300K**	**- 1250K**
R 2525M **15**	25	25	150	34	32	**-2440K**	**-**	**- 2250K**	**- 2270K**	**- 3100K**	**- 1100K**	**- 1410K**	**- 1300K**
L 2525M **15**	25	25	150	34	32	**-2450K**	**-**	**- 2250K**	**- 2270K**	**- 3100K**	**- 1100K**	**- 1410K**	**- 1300K**

INDEXA Lever Lock External Toolholders

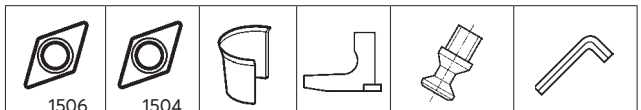
PDNN R

63° approach for negative 55° rhombic inserts

Inserts See Group 120
Sizes **15** = 1506__
= 1504__ (optional)
DN_A **DN_G**



Spares to Suit Contact your authorised reseller for prices

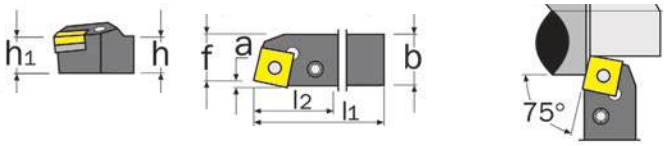


Designation PDNN...	Dimensions (mm) h=h1	b	l1	l2	f	Order Code IND-106	1506_ Shim	1504_ Shim	Shim Pin	Lever	Lever Screw	Order Code KEN-601 Hex Key
R 2525M **15**	25	25	150	34	12.5	**-2580K**	**-2250K**	**-2270K**	**- 3100K**	**- 1100K**	**- 1410K**	**- 1300K**

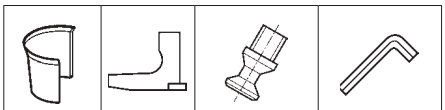
INDEXA PSBN R/L

75° approach for negative square inserts.

Inserts See Group 120
Sizes **09** = 0903__
Sizes **12** = 1204__
Sizes **19** = 1906__
SN_A **SN_G**



Spares to Suit Contact your authorised reseller for prices

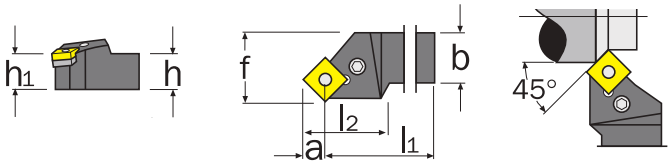


Designation PSBN...	Dimensions (mm) h=h1	b	l1	l2	f	a	Order Code IND-106	Shim Pin	Lever	Lever Screw	Order Code KEN-601 Hex Key
R 2020K **12**	20	20	125	28	17	3	**-2940K**	**- 3100K**	**- 1050K**	**- 1400K**	**- 1300K**
L 2020K **12**	20	20	125	28	17	3	**-2950K**	**- 3100K**	**- 1050K**	**- 1400K**	**- 1300K**

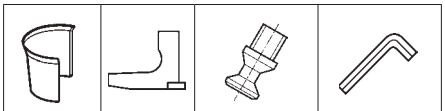
INDEXA PSSN R/L

45° offset approach for negative square inserts.

Inserts See Group 120
Size **12** = 1204__
Size **19** = 1906__
SN_A **SN_G**



Spares to Suit Contact your authorised reseller for prices



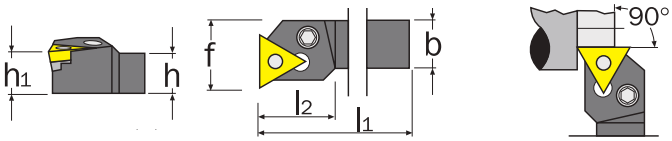
Designation PSSN...	Dimensions (mm) h=h1	b	l1	l2	f	a	Order Code IND-106	Shim Pin	Lever	Lever Screw	Order Code KEN-601 Hex Key
R 2020K **12**	20	20	125	28	25	8.3	**-3540K**	**- 3100K**	**- 1050K**	**- 1400K**	**- 1300K**
L 2020K **12**	20	20	125	28	25	8.3	**-3550K**	**- 3100K**	**- 1050K**	**- 1400K**	**- 1300K**

INDEXA™ Lever Lock External Toolholders

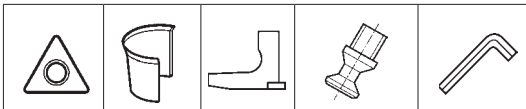
PTFN R

90° approach for negative triangular inserts.

Inserts See Group 120
Sizes **16** = 1604__
TN_A TN_G



Spares to Suit Contact your authorised reseller for prices



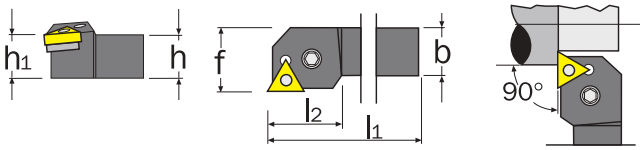
Designation PTFN...	Dimensions (mm) h=h1	b	l1	l2	f	Order Code IND-106	Order Code IND-107 Shim	Shim Pin	Lever	Lever Screw	Order Code KEN-601 Hex Key
R 2020K **16**	20	20	125	22	25	**-3680K**	**-2450K**	**- 3050K**	**- 0950K**	**- 1300K**	**- 1250K**

INDEXA™

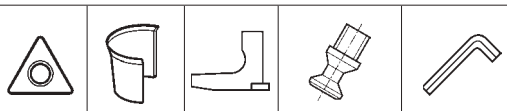
PTGN R/L

90° approach for negative triangular inserts.

Inserts See Group 120
Size **16** = 1604__
Size **22** = 2204__
TN_A TN_G



Spares to Suit Contact your authorised reseller for prices

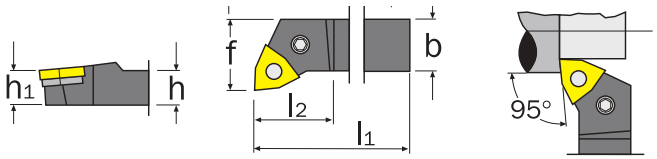


Designation PTGN...	Dimensions (mm) h=h1	b	l1	l2	f	Order Code IND-106	Order Code IND-107 Shim	Shim Pin	Lever	Lever Screw	Order Code KEN-601 Hex Key
R 1616H **16**	16	16	100	22	20	**-3900K**	**-2450K**	**- 3050K**	**- 0950K**	**- 1300K**	**- 1250K**
R 2020K **16**	20	20	125	22	25	**-3940K**	**-2450K**	**- 3050K**	**- 0950K**	**- 1300K**	**- 1250K**
L 2020K **16**	20	20	125	22	25	**-3950K**	**-2450K**	**- 3050K**	**- 0950K**	**- 1300K**	**- 1250K**
R 2525M **16**	25	25	150	22	32	**-3960K**	**-2450K**	**- 3050K**	**- 0950K**	**- 1300K**	**- 1250K**
L 2525M **16**	25	25	150	22	32	**-3970K**	**-2600K**	**- 3100K**	**- 1050K**	**- 1400K**	**- 1300K**
R 2525M **22**	25	25	150	28	32	**-3980K**	**-**	**-**	**-**	**-**	**-**

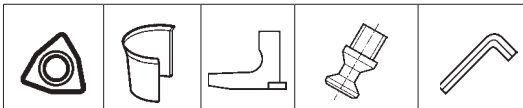
INDEXA™ PWLN R/L

95° approach for negative 80° trigon inserts.

Inserts See Group 120
Size **06** = 0604__
Size **08** = 0804__
WN_A WN_G



Spares to Suit Contact your authorised reseller for prices



Designation PWLN..	Dimensions (mm) h=h1	b	l1	l2	f	Order Code IND-106	Order Code IND-107 Shim	Shim Pin	Lever	Lever Screw	Order Code KEN-601 Hex Key
R 1616H **06**	16	16	100	21	20	**-4080K**	**-2083K**	**- 3050K**	**- 0950K**	**- 1300K**	**- 1250K**
R 2020K **06**	20	20	125	25	25	**-4090K**	**-2083K**	**- 3050K**	**- 0950K**	**- 1300K**	**- 1250K**
L 2020K **06**	20	20	125	25	25	**-4092K**	**-2083K**	**- 3050K**	**- 0950K**	**- 1300K**	**- 1250K**
R 2020K **08**	20	20	125	25	25	**-4100K**	**-2084K**	**- 3100K**	**- 1050K**	**- 1400K**	**- 1300K**
L 2020K **08**	20	20	125	25	25	**-4110K**	**-2084K**	**- 3100K**	**- 1050K**	**- 1400K**	**- 1300K**
R 2525M **08**	25	25	150	34	32	**-4120K**	**-2084K**	**- 3100K**	**- 1050K**	**- 1400K**	**- 1300K**
L 2525M **08**	25	25	150	34	32	**-4130K**	**-2084K**	**- 3100K**	**- 1050K**	**- 1400K**	**- 1300K**

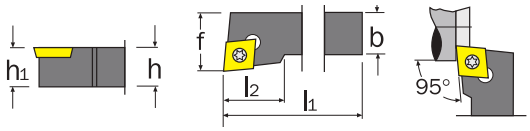
INDEXA Screw-On External Toolholders

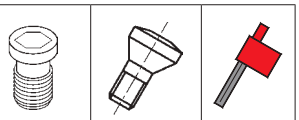
SCLC R/L

95° approach for 7° positive 80° rhombic inserts.

Inserts See Group 120
Size **06** = 0602__
Size **09** = 09T3__
Size **12** = 1204__
CC_T

Spares to Suit Contact your authorised reseller for prices





Designation SCLC..	Dimensions (mm) h=h1	b	l1	l2	f	Order Code IND-106	Order Code IND-107		
R 1010E **06**	10	10	70	10	12	**-4420K**	-	**- 3250K**	**- 5070K**
R 1212F **09**	12	12	80	16	16	**-4460K**	-	**- 3270K**	**- 5070K**
R 1616H **09**	16	16	100	16	20	**-4480K**	-	**- 3270K**	**- 5150K**
L 1616H **09**	16	16	100	16	20	**-4490K**	-	**- 3270K**	**- 5150K**
R 2020K **09**	20	20	125	20.5	25	**-4500K**	-	**- 3270K**	**- 5150K**
L 2020K **09**	20	20	125	20.5	25	**-4505K**	-	**- 3270K**	**- 5150K**
R 2525M **12**	25	25	150	25	32	**-4520K**	**- 1575K**	**- 1275K**	**- 5150K**
L 2525M **12**	25	25	150	25	32	**-4525K**	**- 1575K**	**- 1275K**	**- 5150K**

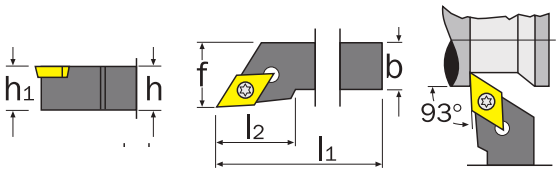
INDEXA

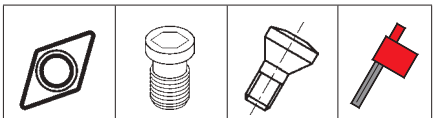
SDJC R/L

93° approach for 7° positive 55° rhombic inserts.

Inserts See Group 120
Size **07** = 0702__
Size **11** = 11T3__
DC_T

Spares to Suit Contact your authorised reseller for prices





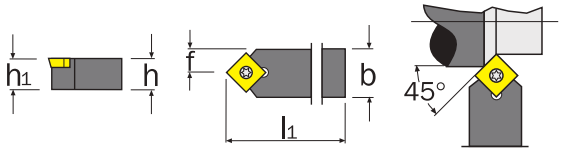
Designation SDJC..	Dimensions (mm) h=h1	b	l1	l2	f	Order Code IND-106	Order Code IND-107		
R 1212F **11**	12	12	80	18	16	**-4580K**		**-**	**- 3400K**	**- 5150K**
R 2020K **11**	20	20	125	22	25	**-4640K**		**-**	**- 3400K**	**- 5150K**
L 2020K **11**	20	20	125	22	25	**-4650K**		**-**	**- 3400K**	**- 5150K**
R 2525M **11**	25	25	150	22	32	**-4660K**	**- 2246K**	**- 1570K**	**- 3400K**	**- 5150K**
L 2525M **11**	25	25	150	22	32	**-4670K**	**- 2246K**	**- 1570K**	**- 3400K**	**- 5150K**

INDEXA

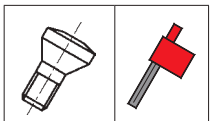
SSDC N

45° approach for 7° positive square inserts.

Inserts See Group 120
Sizes **09** = 09T3___
Sizes **12** =1204___
SC_T



Spares to Suit Contact your authorised reseller for prices



Designation SSDC..	Dimensions (mm) h=h1	b	l1	l2	f	Order Code IND-106	Order Code IND-107	
N 1212F **09**	12	12	80	-	6	**-5160K**	**- 3270K**	**- 5150K**

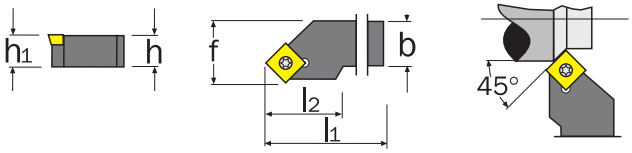
INDEXA

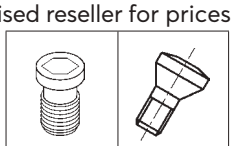
SSSC R

45° approach for 7° positive square inserts.

Inserts See Group 120
Size **09** = 09T3___
Size **12** =1204___
SC_T

Spares to Suit Contact your authorised reseller for prices





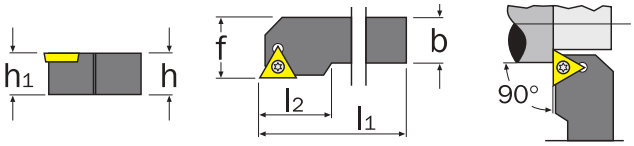
Designation SSSC..	Dimensions (mm) h=h1	b	l1	l2	f	Order Code IND-106	Order Code IND-107	
R 2020K **12**	20	20	125	22	25	**-5390K**	**- 1570K**	**- 1275K**

INDEXA™ Screw-On External Toolholders

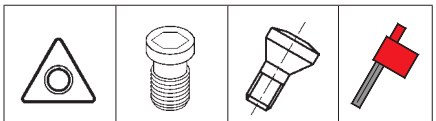
STGC R

90° approach for 7° positive triangular inserts.

Inserts See Group 120
Sizes **11** = 1102__
Sizes **16** = 16T3__
TC_T



Spares to Suit Contact your authorised reseller for prices



Shim	Shim Screw	Insert Screw	Torx Key

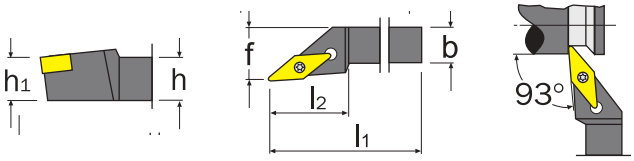
Designation STGC..	h=h1	b	l1	l2	f	Order Code IND-106	Order Code IND-107			
R 2020K **16**	20	20	125	22	25	**-5740K**	**- 2087K**	**- 1570K**	**- 3400K**	**- 5150K**
R 2525M **16**	25	25	150	22	32	**-5760K**	**- 2087K**	**- 1570K**	**- 3400K**	**- 5150K**

INDEXA™

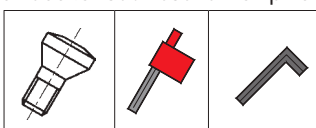
SVJN R/L

93° approach for 35° negative rhombic inserts.

Inserts See Group 120
Size **12** = 12T3___
VN_G



Spares to Suit Contact your authorised reseller for prices



Insert Screw	Torx Key	Hex Key

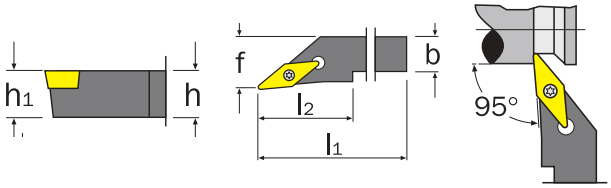
Designation SVJN..	h=h1	b	l1	l2	f	Order Code IND-106	Order Code IND-107		Order Code KEN-601
R 2020K **12**	20	20	125	22	25	**-5830K**	**- 3520K**	**- 5090K**	**- 0080K**
L 2020K **12**	20	20	125	22	25	**-5840K**	**- 3520K**	**- 5090K**	**- 0080K**
R 2525M **12**	25	25	150	31	32	**-5850K**	**- 3520K**	**- 5090K**	**-**

INDEXA™

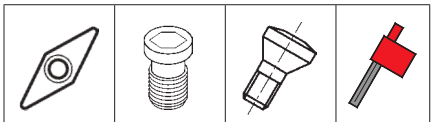
SVLB R/L

95° approach for 5° positive 35° rhombic inserts.

Inserts See Group 120
Size : **16** = 1604
VB_T **VB_A** **VB_M**



Spares to Suit Contact your authorised reseller for prices



Shim	Shim Screw	Insert Screw	Torx Key

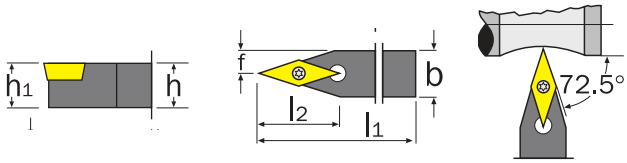
Designation SVLB..	h=h1	b	l1	l2	f	Order Code IND-106	Order Code IND-107			
R 2020K **16**	20	20	125	42	25	**-5940K**	**- 2910K**	**- 1570K**	**- 3400K**	**- 5150K**
L 2020K **16**	20	20	125	42	25	**-5950K**	**- 2910K**	**- 1570K**	**- 3400K**	**- 5150K**
R 2525M **16**	25	25	150	42	32	**-6020K**	**- 2910K**	**- 1570K**	**- 3400K**	**- 5150K**
L 2525M **16**	25	25	150	42	32	**-6030K**	**- 2910K**	**- 1570K**	**- 3400K**	**- 5150K**

INDEXA™

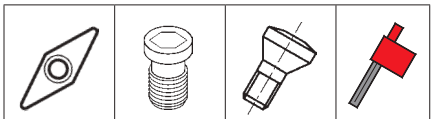
SVVB N

72.5° approach for 5° positive 35° rhombic inserts.

Inserts See Group 120
Size : **16** = 1604
VB_T **VB_A** **VB_M**



Spares to Suit Contact your authorised reseller for prices



Shim	Shim Screw	Insert Screw	Torx Key

Designation SVVB..	h=h1	b	l1	l2	f	Order Code IND-106	Order Code IND-107			
N 2020K **16**	20	20	125	28	10.6	**-6080K**	**- 2910K**	**- 1570K**	**- 3400K**	**- 5150K**
N 2525M **16**	25	25	150	28	13.1	**-6100K**	**- 2910K**	**- 1570K**	**- 3400K**	**- 5150K**
N 3225P **16**	32	25	170	28	13.1	**-6120K**	**- 2910K**	**- 1570K**	**- 3400K**	**- 5150K**

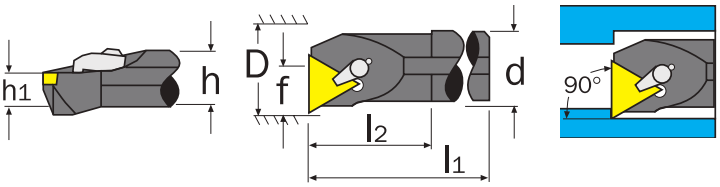
INDEXA Top Clamp Boring Bars

CTFP R/L

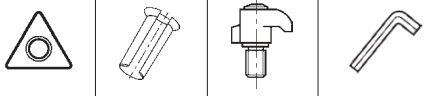
90° approach for 11° positive triangular inserts.

Inserts See Group 120
Sizes **11** = 1103__
Sizes **16** = 1603__

TP_R TP_N



Spares to Suit Contact your authorised reseller for prices



ISO Designation	dg7	h_1	h	l_1	l_2	f	Dmin	Order Code IND-106	Order Code IND-107 Shim	Shim Pin	Clamp Set	Order Code KEN-601 Hex Key
S12M CTFPR **11**	12	11	5.5	150	25	9	16	**-6400K**	-	-	- 4250K	- 1250K
S16R CTFPR **11**	16	15	7.5	200	30	11	20	**-6410K**	-	-	- 4210K	- 1250K
S20S CTFPR **11**	20	18	9.0	250	35	13	24	**-6420K**	-	-	- 4210K	- 1250K
S25T CTFPR **16**	25	23	11.5	300	40	17	31	**-6460K**	-	-	- 4220K	- 1300K
S32U CTFPR **16**	32	30	15.0	350	50	22	39	**-6480K**	- 2050K	- 2950K	- 4300K	- 1300K

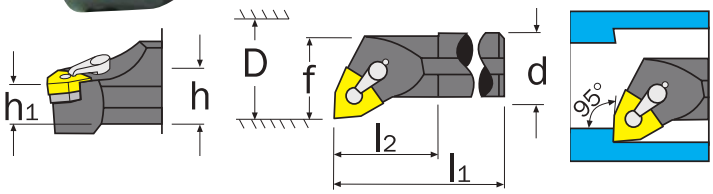
INDEXA Top Clamp & Pin Lock Boring Bars

MWLN R/L

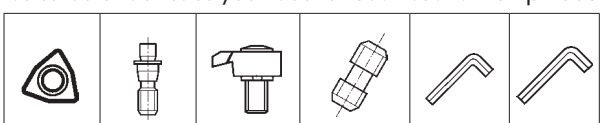
95° approach for 80° negative trigon inserts.

Inserts See Group 120
Sizes **08** = 0804__

WN_A WN_G



Spares to Suit Contact your authorised reseller for prices



ISO Designation	dg7	h_1	h	l_1	l_2	f	Dmin	Order Code IND-106	Order Code IND-107 Shim	Lock Pin	Clamp Set	Clamp Screw	Order Code KEN-601 Shim Key	Hex Key
S40V MWLNR **08**	40	37	18.5	400	60	27	48	**-6782K**	- 2920K	- 1680K	- 0940K	- 1880K	- 1250K	- 1500K

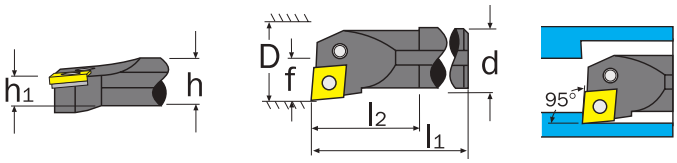
INDEXA Lever Lock Boring Bars

PCLN R/L

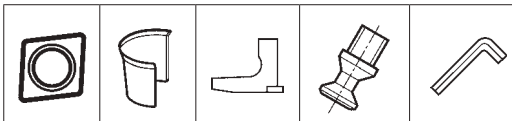
95° approach for 80° negative rhombic inserts.

Inserts See Group 120
Sizes **09** = 0903__
Sizes **12** = 1204__
Sizes **16** = 1606__

CN_A CN_G



Spares to Suit Contact your authorised reseller for prices



ISO Designation	dg7	h_1	h	l_1	l_2	f	Dmin	Order Code IND-106	Order Code IND-107 Shim	Shim Pin	Lever	Lever Screw	Order Code KEN-601 Hex Key
S25T PCLNR **12**	25	23	11.5	300	40	17.0	31	**-6820K**	-	- 3100K	- 1150K	- 1450K	- 1250K
S32U PCLNR **12**	32	30	15.0	350	50	22.0	39	**-6840K**	- 2150K	- 3100K	- 1260K	- 1500K	- 1300K

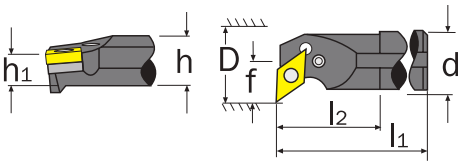
INDEXA™ **Lever Lock Boring Bars**

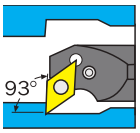
PDUN R

93° approach for 55° negative rhombic inserts.

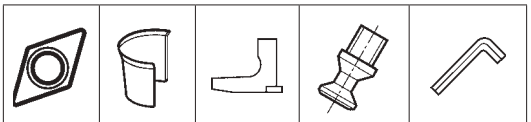
Inserts See Group 120
Sizes **11** = 1104__
Sizes **15** = 1506__

DN_A **DN_G**





Spares to Suit Contact your authorised reseller for prices



ISO Designation	Dimensions (mm) dg7	h_1	h	l_1	l_2	f	Dmin	Order Code IND-106	Order Code IND-107				Order Code KEN-601
S25T PDUNR **11**	25	25	15.0	300	50	22	30	**-6940K**	**- 2800K**	**- 3050K**	**- 0950K**	**- 1300K**	**- 1250K**
S32U PDUNR **15**	32	30	15.0	350	50	22	39	**-6960K**	**- 2250K**	**- 3100K**	**- 1100K**	**- 1500K**	**- 1300K**

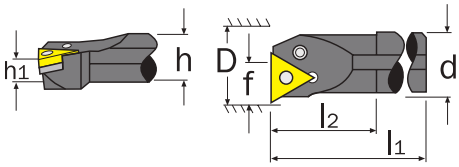
INDEXA™

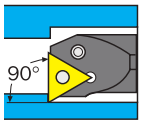
PTFN R

90° approach for negative triangular inserts.

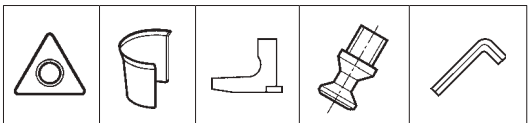
Inserts See Group 120
Sizes **16** = 1604__
Sizes **22** = 2204__

TN_G





Spares to Suit Contact your authorised reseller for prices



ISO Designation	Dimensions (mm) dg7	h_1	h	l_1	l_2	f	Dmin	Order Code IND-106	Order Code IND-107				Order Code KEN-601
S25T PTFNR **16**	25	23	11.5	300	40	17	31	**-7200K**	**-**	**-**	**- 1000K**	**- 1350K**	**- 1250K**
S32U PTFNR **16**	32	30	15.0	350	50	22	39	**-7240K**	**- 2450K**	**- 3050K**	**- 0950K**	**- 1300K**	**-**

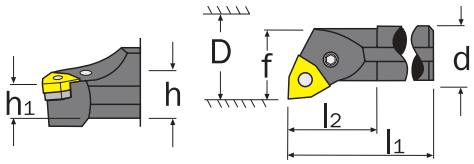
INDEXA™

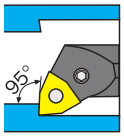
PWLN R

95° approach for negative 80° Trigon inserts.

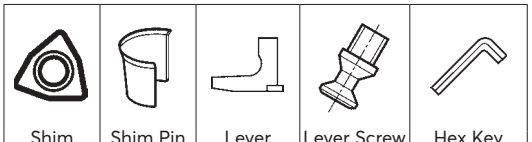
Inserts See Group 120
Sizes **06** = 0604__
Sizes **08** = 0804__

WN_G





Spares to Suit Contact your authorised reseller for prices



ISO Designation	Dimensions (mm) dg7	h_1	h	l_1	l_2	f	Dmin	Order Code IND-106	Order Code IND-107				Order Code KEN-601
S16R PWLNR **06**	16	15	9	200	44	10	19	**-7320K**	**-**	**-**	**- 1000K**	**- 1350K**	**- 1250K**
S20S PWLNR **06**	20	18	9	250	42	12	23	**-7324K**	**-**	**- 3050K**	**- 1000K**	**- 1350K**	**- 1250K**
S25T PWLNR **06**	25	23	15	300	45	15.5	30	**-7328K**	**- 2083K**	**- 3050K**	**- 0950K**	**- 1300K**	**- 1250K**

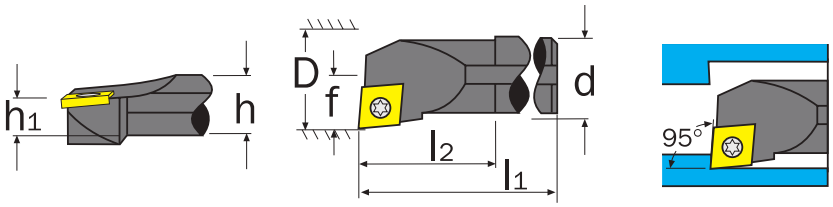
INDEXA™ Screw-On Boring Bars

SCLC R/L

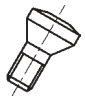
95° approach for 7° positive
80° rhombic inserts.

Inserts See Group 120
Sizes **06** = 0602 __
Sizes **09** = 09T3__

CC_T



Spares to Suit Contact your authorised reseller for prices


Insert Screw

Torx Key

ISO Designation	Dimensions (mm) dg7	h 1	h	l1	l2	f	Dmin	Order Code IND-106		Order Code IND-107 Insert Screw	Torx Key
S08K SCLCR **06**	8	7	3.5	125	16	5	11	**-7380K**		**- 3250K**	**- 5070K**
S10M SCLCR **06**	10	9	4.5	150	25	7	13	**-7400K**		**- 3250K**	**- 5070K**
S12M SCLCR **06**	12	11	5.5	150	30	9	17	**-7435K**		**- 3250K**	**- 5070K**
S12Q SCLCR **09**	12	11	5.5	180	30	9	17	**-7440K**		**- 3350K**	**- 5150K**
S16R SCLCR **09**	16	15	7.5	200	30	11	20	**-7480K**		**- 3350K**	**- 5150K**
S20S SCLCR **09**	20	18	9	250	35	13	24	**-7500K**		**- 3350K**	**- 5150K**
S25T SCLCR **09**	25	23	11.5	300	40	17	31	**-7520K**		**- 3350K**	**- 5150K**

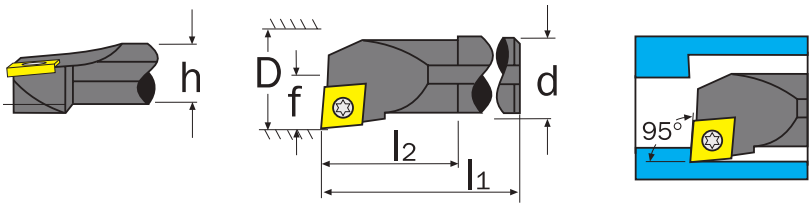
INDEXA™ Screw-on Boring Bars (Through Coolant)

95° approach. Uses CCMT 06 inserts.

WITH THROUGH COOLANT

Inserts See Group 120
Sizes **06** = 0602 __

CC_T



Spares to Suit Contact your authorised reseller for prices

Insert Screw

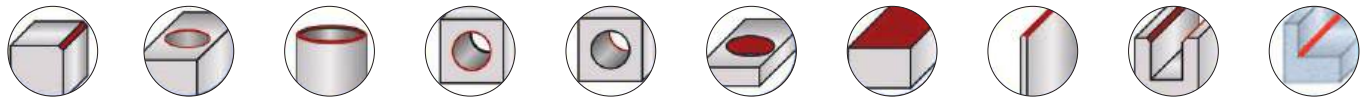
Torx Key

ISO Designation	Dimensions (mm) dg7	h 1	l1	l2	f	Dmin	Order Code IND-106		Order Code IND-107 Insert Screw	Torx Key
A0608H SCLC **06**	6	7	100	25	4	8	**-7530K**		**-**	**-**
A0810J SCLC **06**	8	9	110	32	6	12	**-7532K**		**-**	**-**
A01012K SCLC **06**	10	11	125	38	7	14	**-7534K**		**-**	**-**
A01216M SCLCR **06**	12	15	150	50	9	18	**-7536K**		**- 5420K**	**- 5070K**

SWISS+BURR Modular Deburring Tools

An interchangeable system of handle, holders and blades designed to cover all hand applications of deburring.
Made up of HSS and carbide blades, countersinks and scrapers along with ergonomically designed handles.
This is one of the most comprehensive ranges available.
Blades are interchangeable with commonly available brands including Kennedy®, Noga®, Ruko®, Seco®, Snap-Tap® and Stellram®.

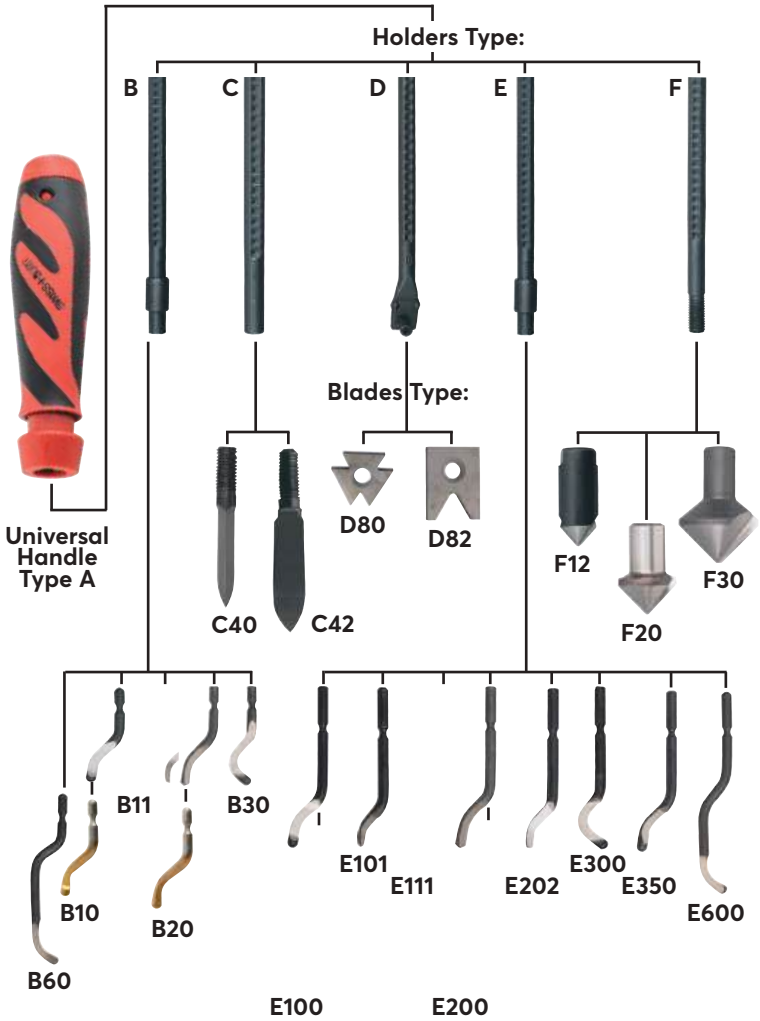
Application Range



Straight Edge | Hole Edge | Outer Edge | Cross Hole Both Edges | Hole Back Edge | Hole Inner Surface | Flat Surface | Sheets | Slot/ Keyway | Inner Straight Corners

Industry Sectors

Mould & Dies | Construction & Trade | Railways | Automotive | General Engineering | Energy & Power | Aerospace | Agriculture | Oil & Gas | Medical



Material Range

Steel | Aluminium | Copper | Brass | Stainless Steel | Sheet Metal | Hard Metal | Plastics | Cast | Rubber

SWISS+BURR Universal Ergonomic Handle

Modern ergonomic handle design, with an easy to use spring release mechanism. Pulling back on the locking head collar releases the telescopic blade holder for optimal length.
Works with all **SWISS+BURR** holders and blades.

Type	To Suit	Order Code SWT-109
A	B, C, D, E & F Holders	-1010A

Holders

Type	Suitable For Type	Order Code SWT-109
B	B Blades	-1020B
C	C Scrapers	-1200K
E	E Blades	-1400A
F	F Countersinks	-1600P

SWISS+BURR Heavy Duty Slim Grip Handle SB2000

SWISS+BURR hand deburring tools are a fast effective and efficient way of deburring holes, slots and edges. **SWISS+BURR** is a totally modular system of interchangeable handles, holders and blades designed to cover all applications. A choice of HSS or carbide blades, countersinks and scrapers are available to suit your specific application. **SWISS+BURR** blades are also interchangeable with commonly available brands including Kennedy®, Noga®, Ruko®, Seco®, Snap-Tap® and Stellram®.

Type	Suitable For Type	Order Code SWT-109
SB2000	E Blades	-6010A

SWISS+BURR Modular Deburring Tools

Application Table (by Material)

Material Blade	Steel	Aluminium	Copper	Brass	Cast Iron	Plastics	Stainless Steel	Hardened Steels
B10	●	●	●			●		
B10 TiN	●	●	●			●	●	
B10 HSSCo	●	●	●			●	●	
B11	●	●	●			●		
B20				●	●	●		
B20 TiN				●	●	●		
B30	●	●	●			●		
B60	●	●	●			●		
C40/C42	●	●	●	●	●	●	●	
D80/D82	●	●	●	●	●	●	●	●
E100/E101	●	●	●			●		
E100 TiN	●	●	●				●	●
E111	●	●	●			●		
E200/E202				●	●	●		
E200 TiN				●	●	●		
E300	●	●	●			●		
E350				●	●			
E600	●	●	●			●		
F12/F20/F30	●	●	●	●	●	●	●	
N80	●	●	●	●	●	●		
N80K	●	●	●	●	●	●	●	

Light Duty Blades

B10
HSS Blade for straight and hole edge deburring.

B11
B10 geometry with thin nose for small diameter holes down to 2mm.

B20
HSS Blade for straight and hole edge deburring, blade design allows clockwise and anti-clockwise movement.

B30
HSS Blade for Cross-Hole and both edges, blade will simultaneously deburr the inside and outside of the hole. For use on holes up to 4mm thick.

B60
HSS Blade for deburring back edges on holes, will remove burrs from the back edge of holes up to 20mm thick.

Type	Description	Order Code SWT-109
B10	Steel & Aluminium	-1030C
B10 TiN	Steel & Aluminium	-1031B
B10 HSSCo	Steel & Aluminium	-1031M
B11	Steel & Aluminium	-1032C
B20 TiN	Steel & Aluminium	-1041B
B20	Brass & Cast Iron	-1040D
B30	Sheet & Tubing,	-1050E
B30	Front & Rear Cut	-
B60	Rear Cut - Extra Length	-1060F

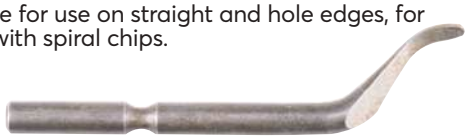
SWISS+BURR Modular Deburring Tools

Heavy Duty Blades

E100

HSS heavy duty blade for use on straight and hole edges, for deburring materials with spiral chips.

E101



HSS heavy duty blade for use on straight and hole edges, E style shank with B10 cutting geometry, for use on materials with spiral chips and holes with minimum diameter of 2mm.

E111

HSS heavy duty blade is for straight and hole edge deburring, for use on materials with spiral chips, steel, aluminium, copper and plastic.

E200

HSS heavy duty blade for use on straight and hole edges, blade design allows clockwise and anti-clockwise movement for use on materials with powdery chips.

E202

HSS heavy duty blade for use on straight and hole edges, E style shank with B20 cutting geometry, blade design allows clockwise and anti clockwise movement for use on materials with powdery chips.

E300

HSS heavy duty blade for use on cross-hole and both edges, blade will simultaneously deburr the inside and outside of the hole up to 6.mm thick. For use on materials with spiral chips.

E350

HSS heavy duty blade for use on straight and hole edges, blade design allows clockwise and anti-clockwise movement for use on materials with powdery chips.

E600

Heavy duty blade for removing burrs from the back edges of holes up to 20mm thick.

Type	Description	Order Code SWT-109
E100	Steel & Aluminium	-1420C
E100 TiN	Steel & Aluminium	-1421B
E100S	Deburring Blade	-1422C
E101	Steel & Aluminium,	-1430D
E101	Extra Fine Point	-
E111	Steel & Aluminium	-1431B
E200	Brass & Cast Iron	-1440E
E200 TiN	Steel & Aluminium	-1441B
E202	Brass & Cast Iron,	-1450F
E101	Extra Fine Point	-
E300	Sheet & Tubing,	-1460G
E300	Front & Rear Cut	-
E350	For Deburring Grooves	-1480J
E600	Rear Cut - Extra Length	-1500L

SWISS+BURR B4 Hand Deburring Set

The **SWISS+BURR™** B4 deburring set is a popular choice for deburring holes, slots and edges on metals and plastics.

The B4 set contains: SWISS+BURR™ 1x Universal handle, 1x B-holder, B10 and B20 blades.

Number of Pieces	Description	Order Code SWT-109
4	B4 Hand Deburring Set	-5020B

SWISS+BURR B & C Standard Duty Deburring & Scraping Set

The **SWISS+BURR™** B & C Standard Duty Deburring and Scraping Set is ideal for general deburring and scraping use on holes, slots and edges.

The set contains: SWISS+BURR™ 1x Type A Universal handle, 1x Type B Blade holder, 1x B10, 1x B11, 1x B20 TiN, 1x B30, 1x B60, 1x B70 carbide tipped, 1x Type C scraper and 1x C40 Triangular scraper.

11 PIECES

Number of Pieces	Description	Order Code SWT-109
11	B & C Deburring Set	-5021B

SWISS+BURR E & C Heavy Duty Deburring & Scraping Set

The **SWISS+BURR™** E & C Standard Duty Deburring and Scraping Set is ideal for intense deburring and scraping use on holes, slots and edges.

The set contains: SWISS+BURR™ 1x Type A Universal handle, 1x Type C scraper, 1x C42 triangular scraper, 1x Type E blade holder, 1x E100 TiN blade, 1x E111 blade, 1x E200 blade, 1x E300 two sided blade, 1x E600 rear cutting blade and 1x E700 blade.

Number of Pieces	Description	Order Code SWT-109
11	E & C Heavy Duty Set	-5061B

SWISS+BURR E5 Heavy Duty Hand Deburring Set

For holes, slots and edges.
The **SWISS+BURR™** E-Type modular hand deburring system is supplied with high speed steel blades, and scrapers along with an ergonomically designed handle and blade holder.

The E5 set contains: SWISS+BURR™ 1x Universal handle, 1x E-holder, 1x E100 blade, 1x E101 blade, 1x E200 blade.

Number	Description of pieces	Order Code SWT-109
5	E5 Hand Deburring Set	-5050E

SWISS+BURR E7 Heavy Duty Hand Deburring Set

For holes, slots and edges.
Modern ergonomic handle design, with an easy to use spring release mechanism. Pulling back on the locking head collar releases the telescopic blade holder for optimal length.
Works with all **SWISS+BURR™** holders and blades.

The E7 set contains: SWISS+BURR™ 1x Universal handle, 1x E-holder, 1x E100 blade, 1x E101 blade, 1x E200 blade, 1x E202 blade, 1x E300 blade.

Number of Pieces	Description	Order Code SWT-109
7	E Hand Deburring Set	-5060F

SWISS+BURR Diamond Coated Filing & Deburring Set

The set contains: SWISS+BURR™
1x Extra Close handle, 1x E100S and 1x E400 blades plus five different shaped diamond coated files:
rectangular, square, triangular, round and half round.

Number of Pieces	Description	Order Code SWT-109
8	Filing & Deburring Set	-1350Z

SWISS+BURR C3 Hand Scraper Set

3 cutting edges which when combined with a telescopic holder allow easy access to deburr small holes in difficult positions.

The C3 set contains: SWISS+BURR™ 1x ergonomic handle, 1x **C** type blade holder, and 1x **C42** blade.

3 PIECES

Type	Description	Order Code SWT-109
3	C3 Scraper Set	-5030C

Scraper Blades

C40 HSS Small Triangular Scraper (4.00mm)
For precision work on back edge and inner surface of holes and flat surfaces.

C42 HSS Small Triangular Scraper (8.00mm)
For precision work on back edge and inner surface of holes and flat surfaces.

Type	Description	Order Code SWT-109
C40	Triangular 4 x 20mm	-1220M
C42	Triangular 8 x 30mm	-1230N

SWISS+BURR D3 Hand Deburring Set

For scraping surfaces & deburring sheet metal up to 3mm thick.

The D3 set contains: SWISS+BURR™ 1x ergonomic handle, 1x **D** type blade holder and 1x **D80** blade.

3 PIECES

Type	Description	Order Code SWT-109
3	D3 Hand Deburring Set	-5040D

SWISS+BURR Corner Chamfering Blades

D80 Solid Carbide Blade
For sheet metal and flat surfaces, for scraping surfaces and deburring sheet metal up to 3mm thick.

D82 Solid Carbide Heavy Duty Blade
With double edge for deburring sheet metal, for deburring sheet metal up to 9mm thick.

Type	Description	Order Code SWT-109
D80	Sheet up to 3mm	-1340V
D82	Sheer up tp 8mm	-1350W

SWISS+BURR Mini Burr Set

Lightweight reinforced plastic handle with easy grip and pocket clip. Handle will hold all **E** style heavy duty blades, supplied with 1x **E100** blade. Removable cap for blade storage.

2 PIECES

Number of pieces	Description	Order Code SWT-109
2	Mini Burr Set	-2600P

SWISS+BURR Deburring Holders

- Modular system of interchangeable handles, holders & blades
- For deburring holes, slots and edges on metals and plastics
- Interchangeable with commonly available brands

Type	Suitable For Type	Weight each	Order Code SWT-109
D	D Corner Chamfering Blades	40g	-1300R

SWISS+BURR F3 Hand Chamfering & Countersinking Set

For hole edges up to 20.00mm.

The F3 set contains:
SWISS+BURR™ 1x ergonomic handle,
1x **F** type blade holder and
1x **F20** countersink.

3 PIECES

Type	Description	Order Code SWT-109
3	B4 Deburring Set	-5070G

SWISS+BURR Countersinks - 90° Included Angle

F12
HSS countersink for hole edges up to 12mm dia.

F20
HSS countersink for hole edges up to 20mm dia.

F30
HSS countersink for hole edges up to 30mm dia.

Type	Description	Order Code SWT-109
F12 (C12)	Drilled holes up to 12mm Diameter	-1610Q
F20 (C20)	Drilled holes up to 20mm Diameter	-1620R
F30 (C30)	Drilled holes up to 30mm Diameter	-1630S

SWISS+BURR DB3 Double Burr Hand Deburring Set

For deburring materials with single or double straight edges up to 14.00mm thick, blade holder fitted with safety hand guard.

The DB3 set contains: SWISS+BURR™ 1x ergonomic handle, 1x blade holder and 2x **N80** blades.

3 PIECES

Number of pieces	Description	Order Code SWT-109
2	DB3 Double Burr Hand Deburring Set	-2400K

Replacement Blades
N80 - HSS double edged round blade for straight edge and sheet metal deburring on materials with spiral chips.
N80K - HSS blade with eight cutting edges for slots and keyways up to 15.00mm wide.

Type	Description	Order Code SWT-109
N80	Blade for type DB3	-2079K
N80K	Blade for Type KB3	-2090N

SWISS+BURR KB3 Set of Wedge Groove Deburrers

Set of 3
For deburring and cleaning the edges of inner and outer wedge and dovetail grooves up to 15mm.
The set includes: 1x ergonomic handle SWISS BURR™, 1x holder and 1x knife N80K.

Number of Pieces	Order Code SWT-109
3	-2500M

3 PIECES

YAMALOY
YAMALOY TOOLING · JAPAN

K10 **Insert Grade**
K10 (ISO **K05-K15**) Micrograin uncoated. For cast iron, aluminium alloy, other non-ferrous materials including titanium and nickel alloy.

K20 **K20** (ISO **K05-K20**) Micrograin uncoated. For cast iron, aluminium alloy, other non-ferrous materials including titanium and nickel alloy.

QK25C **QK25C (K15 - K30)** Coated. For milling cast irons.

QM3535 **QM3535 (P20 - P35)** PVD TiAlN Coated for milling of steel. Comprehensive grade which covers wide application range due to substrate providing optimal wear resistance and toughness.

QP25 **QP25 (P25)** Uncoated. For medium and finish milling of steels.

QP25C **QP25C (P10 - P35)** CVD coated. Milling grade for steel and some stainless steels.

QP30P **QP30P (P10 - P35)** PVD Coated. Milling grade for steel and some stainless steels.

QP40 **QP40 (P40)** Uncoated. For rough medium and finish milling of tough Steels and Stainless Steels including interrupted cutting.

QX530 **QX530 (P20 - P40, M20 - M30)** Coated. A good general purpose steel grade for roughing. Use on steels, cast steel and stainless steel.

Chipbreaker

Chip Breaker	Application
AL	Aluminium & non Ferrous (Polished)
EM	Medium
MF	Finish/Light
MM	Medium/Light Roughing

APKT

Insert Size **APKT**	Chip-breaker	Grade	Order Code **YML-120**
1003PDR	EM	QP30P	**-0028W**
1604PDR	AL	K10	**-0029K**
160PDTR	-	QP30P	**-0030W**
160PDTR	-	QK25C	**-0030X**
160PDTR	-	K20	**-0031V**

OFKR

Insert Size **OFKR**	Chip-breaker	Grade	Order Code **YML-120**
05T308	MF	QP25C	**-2388W**

OFKT

Insert Size **OFKT**	Chip-breaker	Grade	Order Code **YML-120**
05T308	MM	QP25C	**-2384W**

SDMT

Insert Size **SDMT**	Chip-breaker	Grade	Order Code **YML-120**
12T308	-	QX530	**-4280E**

SEHT

Insert Size **SEHT**	Chip-breaker	Grade	Order Code **YML-120**
1204AFTN	-	K20	**-4430V**
1204AFTN	-	QP25C	**-4430W**

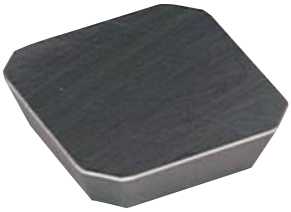
SEHT

Insert Size **SEHT**	Chip-breaker	Grade	Order Code **YML-120**
120408	-	QP25C	**-4432W**

SEHW

Insert Size **SEHW**	Chip-breaker	Grade	Order Code **YML-120**
120AFTN05	-	K20	**-4445V**
120AFTN05	-	**QP25C**	**-4445W**

SEKN



Insert Size **SEKN**	Chip-breaker	Grade	Order Code **YML-120**
1203AFFN	-	K20	**-4517V**
1203AFTN	-	QP40	**-4527S**

SEKR

Insert Size **SEKR**	Chip-breaker	Grade	Order Code **YML-120**
1203AFTN05	-	K20	**-4617V**
1203AFTN05	-	QP25C	**-4627W**

SNKN

Insert Size **SNKN**	Chip-breaker	Grade	Order Code **YML-120**
1204-ENN	-	QP25	**-5227P**

SPKN

Insert Size **SPKN**	Chip-breaker	Grade	Order Code **YML-120**
1203EDR	-	K20	**-6328V**
1203EDTR	-	QM3535	**-6338M**
1203EDTR	-	QP40	**-6338S**
1504EDTR	-	QP25	**-6368P**

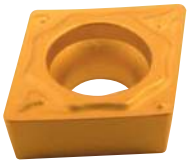
TPKN

Insert Size **TPKN**	Chip-breaker	Grade	Order Code **YML-120**
1603PRP	-	K20	**-8428V**
1603PPTR	-	QP25	**-8438P**
1603PPTR	-	QP40	**-8438S**
2204PDR	-	K20	**-8458V**
2204PDSR	-	QM3535	**-8468M**
2204PDTR	-	QP40	**-8468S**

YAMALOY YAMALOY TOOLING · JAPAN **Think POSITIVE... and NEGATIVE** YAMALOY YAMALOY TOOLING · JAPAN

CCGT

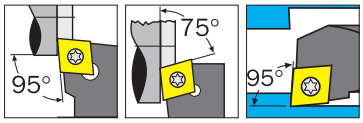
P	STEEL
M	STAINLESS STEEL
K	CAST IRON
N	ALUMINIUM
S	SUPER ALLOYS
H	HARDENED STEEL



Chip Breaker	Application
PF	Finish
AL	Med Cut (Alum)

Grade	ISO Designation P	M	K	P	M	K	N	S	H
K10	-	-	05 - 20				✓		
QX500	10 - 25	-	-	✓	✓	✓	✓		
QX520	10 - 35	10 - 30	10 - 30	✓	✓	✓			

Suitable for External/Internal Toolholders:



SCLC- SCKC- S_ _ _SCLC-

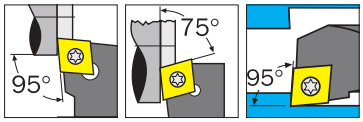
Insert Size CCGT	Chip-breaker	Grade	Order Code YML-120
060202	AL	K10	-0121N
060204	AL	K10	-0131N
060204	PF	QX500	-0223A
060204	PF	QX520	-0223D
09T302	AL	K10	-0151N
09T304	PF	QX500	-0263A
09T304	PF	QX520	-0263D
09T304	AL	K10	-0161N
09T308	AL	K10	-0169N
120402	AL	K10	-0171N
120404	AL	K10	-0181N
120408	AL	K10	-0191N

CCMT

Chip Breaker	Application
PM	Med Cut

Grade	ISO Designation P	M	K	P	M	K	N	S	H
QX500	05 - 15	-	-	✓	✓	✓	✓		
QX520	10 - 35	10 - 30	10 - 30	✓	✓	✓			
QX5020	10 - 35	10 - 30	10 - 30	✓	✓	✓			
QX5030	25 - 35	15 - 25	-	✓	✓				

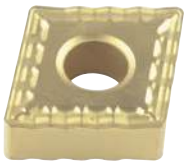
Suitable for External/Internal Toolholders:



SCLC- SCKC- S_ _ _SCLC-

Insert Size CCMT	Chip-breaker	Grade	Order Code YML-120
060202	PM	QX500	-0351A
060202	PM	QX5020	-0351G
060202	PM	QX500	-0355A
060204	PM	QX520	-0355D
060204	PM	QX5030	-0355H
060204	PM	QX500	-0403A
09T304	PM	QX520	-0403D
09T304	PM	QX5030	-0403H
09T304	PM	QX500	-0406A
09T308	PM	QX5020	-0406G
120404	PM	QX5020	-0410G

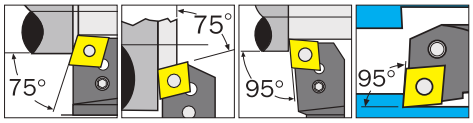
CNMG



Chip Breaker	Application
NF3	Finish
NSA	Light Cut
NM5	Med Cut
NM6	Med Cut
ST	Med Cut
NM7	Med/Rough
NR9	Rough

Grade	ISO Designation P	M	K	P	M	K	N	S	H
QX520	10 - 35	10 - 30	10 - 30	✓	✓	✓			
QX530	20 - 40	20 - 30	-	✓	✓				
QX5030	25 - 35	15 - 25	-	✓	✓				
QX535S	-	10 - 30	-		✓				
QX8010	10	10	10	✓	✓	✓	✓		

Suitable for External/Internal Toolholders:



PCBN- PCKN- PCLN- S_ _ _PCLN-

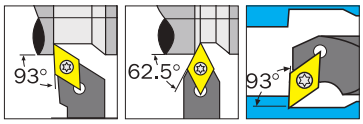
Insert Size CNMG	Chip-breaker	Grade	Order Code YML-120
120404	NM6	QX5030	-0711H
120408	NSA	QX8010	-0724K
120408	NM6	QX5030	-0716H

DCGT

Chip Breaker	Application
PF	Finish
AL	Med Cut (Alum)

Grade	ISO Designation P	M	K	P	M	K	N	S	H
K10	-	-	05 - 20				✓		
QX500	10 - 25	-	-	✓	✓	✓	✓		
QX520	10 - 35	10 - 30	10 - 30	✓	✓	✓			
QX530	20 - 40	20 - 30	-	✓	✓				

Suitable for Internal/External Toolholders:



SDJC- SDNC- SDUC-

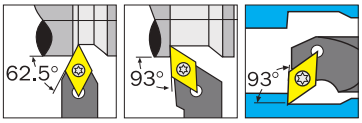
Insert Size DCGT	Chip-breaker	Grade	Order Code YML-120
070202	AL	K10	-1021N
070204	AL	K10	-1031N
11T302	AL	K10	-1051N
11T304	PF	QX530	-1263E
11T304	AL	K10	-1061N
11T308	AL	K10	-1071N

DCMT

Chip Breaker	Application
PM	Med Cut

Grade	ISO Designation P	M	K	P	M	K	N	S	H
QX520	10 - 35	10 - 30	10 - 30	✓	✓	✓			
QX5020	10 - 35	10 - 30	10 - 30	✓	✓	✓			
QX5030	25 - 35	15 - 25		✓	✓				

Suitable for Internal/External Toolholders:



SDNC- SDJC- S_ _ _SDUC-

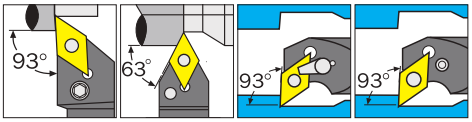
Insert Size DCMT	Chip-breaker	Grade	Order Code YML-120
070204	PM	QX520	-1314D
11T304	PM	QX520	-1328D
11T304	PM	QX5030	-1328H
11T308	PM	QX5030	-1335H
11T308	PM	QX5020	-1335G

DNMG

Chip Breaker	Application
NF3	Finish
NSS	Light/Med Cut
NM4	Med Cut
NM5	Med Cut
NM6	Med Cut
ST	Med Cut
NM7	Med/Rough
NR8	Rough
NR9	Rough

Grade	ISO Designation P	M	K	P	M	K	N	S	H
QX505	-	-	05 - 15	✓		✓			
QX520	10 - 35	10 - 30	10 - 30	✓	✓	✓			
QX530	20 - 40	20 - 30	-	✓	✓				
QX5020	10 - 35	10 - 30	10 - 30	✓	✓	✓			
QX5030	25 - 35	15 - 25	-	✓	✓				
QX535S	-	10 - 30	-		✓				
QX8010	10	10	10	✓	✓	✓	✓		

Suitable for Internal/External Toolholders:



PDJN PDNN S_ _ _MDUN- S_ _ _PDUN-

Insert Size DNMG	Chip-breaker	Grade	Order Code YML-120
110404	NM4	QX5020	-1574G
110408	NM4	QX5020	-1575G
150604	NM6	QX520	-1696E
150608	NM6	QX5030	-1716H

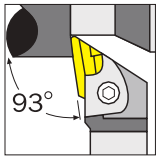
YAMALOY YAMALOY TOOLING • JAPAN — Think POSITIVE... and NEGATIVE — YAMALOY YAMALOY TOOLING • JAPAN

KNUX

Chip Breaker	Application
R11	Rough

Grade	ISO Designation P	M	K	P	M	K	N	S	H
QX520	10 - 35	10 - 30	10 - 30	✓	✓	✓			
QX530	20 - 40	20 - 30	-	✓	✓				

Suitable for External Toolholders:



CKJN-

Insert Size KNUX	Chip-breaker	Grade	Order Code YML-120
160405	L11	QX5030	-2223H
160405	R11	QX520	-2213D
160405	R11	QX530	-2213E

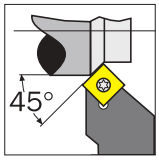
SCMT

Chip Breaker	Application
PM	Medium

Grade	ISO Designation P	M	K	P	M	K	N	S	H
QX520	10 - 35	10 - 30	10 - 30	✓	✓	✓			

Suitable for External Toolholders:

SSDC-



SSSC-

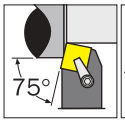
Insert Size SCMT	Chip-breaker	Grade	Order Code YML-120
09T304	PM	QX520	-0425D

SPMR

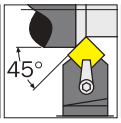
Chip Breaker	Application
PG	Medium

Grade	ISO Designation P	M	K	P	M	K
QX520	10 - 35	10 - 30	10 - 30	✓	✓	✓
QX5020	10 - 35	10 - 30	10 - 30	✓	✓	✓
QX5030	25 - 35	15 - 25		✓	✓	

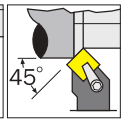
Suitable for Internal/External Toolholders:



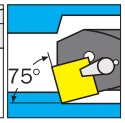
CSBP-



CSDP-



CSSP-

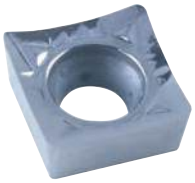


S___CSKP

Insert Size SPMR	Chip-breaker	Grade	Order Code YML-120
120304	PG	QX520	-6642D
120308	PG	QX5030	-6662H
120308	PG	QX5020	-6662G

SCGT

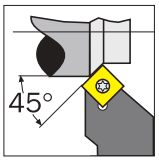
Chip Breaker	Application
AL	Medium (Alum)



Grade	ISO Designation P	M	K	P	M	K	N	S	H
K10	-	-	05 - 20				✓		

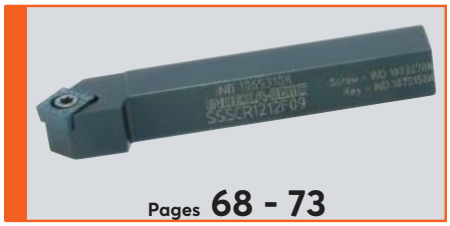
Suitable for External Toolholders:

SSDC-



SSSC-

Insert Size SCGT	Chip-breaker	Grade	Order Code YML-120
09T308	AL	K10	-4169N



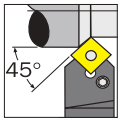
SNMG

Chip Breaker	Application
NM6	Med Cut
ST	Med Cut
NM7	Med/Rough
NR8	Rough
NR9	Rough

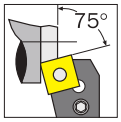
Grade	ISO Designation P	M	K	P	M	K	N	S	H
QX520	10 - 35	10 - 30	10 - 30	✓	✓	✓			
QX530	20 - 40	20 - 30	-	✓	✓				
QX5030	25 - 35	15 - 25		✓	✓				

Suitable for Internal/External Toolholders:

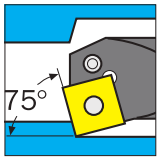
PSBN-



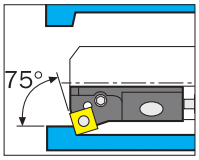
PSDN-



PSKN-



S___PSKN-

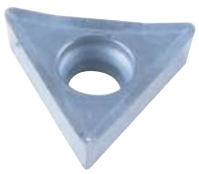


PSKN-

Insert Size SNMG	Chip-breaker	Grade	Order Code YML-120
120404	NM6	QX5030	-5336H

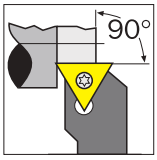
TCGT

Chip Breaker	Application
PF	Finish
AL	Medium

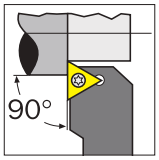


Grade	ISO Designation P	M	K	P	M	K
K10	-	-	05 - 20			✓
QX520	10 - 35	10 - 30	10 - 30	✓	✓	✓
QX5020	10 - 35	10 - 30	10 - 30	✓	✓	✓

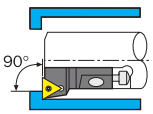
Suitable for Internal/External Toolholders:



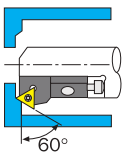
STFC-



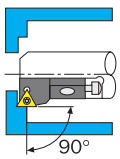
STGC-



STFC-



STTC-



STGC-

Insert Size TCGT	Chip-breaker	Grade	Order Code YML-120
110202	AL	K10	-6931N
110204	AL	K10	-6941N
16T304	AL	K10	-6971N
16T304	PF	QX5020	-7073G
16T308	AL	K10	-6981N

YAMALOY YAMALOY TOOLING · JAPAN

Think POSITIVE... and NEGATIVE

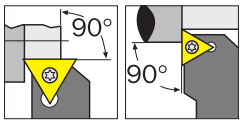
YAMALOY YAMALOY TOOLING · JAPAN

TCMT

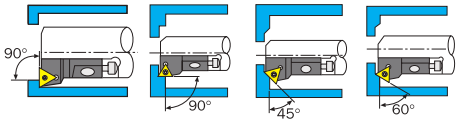
Chip Breaker	Application
PM	Med Cut

Grade	ISO Designation P	M	K	P	M	K	N	S	H
QX500	10 - 25	-	-	✓	✓	✓			
QX520	10 - 35	10 - 30	10 - 30	✓	✓	✓			
QX5020	10 - 35	10 - 30	10 - 30	✓	✓	✓			

Suitable for Internal/External Toolholders:



STFC- STGC-

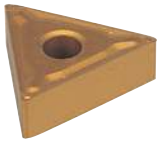


STFC- STGC- STSC- STTC-

Insert Size TCMT	Chip-breaker	Grade	Order Code YML-120
090204	PM	QX5020	**-7110G**
110204	PM	QX500	**-7120A**
110204	PM	QX520	**-7120D**
16T304	PM	QX500	**-7140A**
16T304	PM	QX5020	**-7140G**
16T308	PM	QX5020	**-7145G**

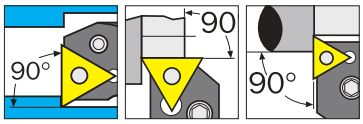
TNMG

Chip Breaker	Application
NF3	Finish
NM5	Med Cut
NM6	Med Cut
ST	Med Cut
NM7	Med Cut
NR8	Rough
NR9	Rough

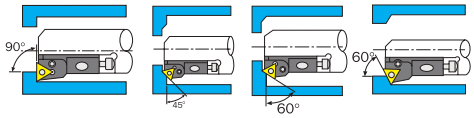


Grade	ISO Designation P	M	K	P	M	K	N	S	H
QX520	10 - 35	10 - 30	10 - 30	✓	✓	✓			
QX5030	25 - 35	15 - 25	-	✓	✓				
QX535S	-	10 - 30	-		✓				
QX8010	10	10	10	✓	✓	✓	✓		

Suitable for Internal/External Toolholders:



S_ _ _PTFN- PTFN- PTGN-



PTFN PTSN- PTTN- PTWN-

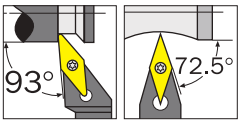
Insert Size TNMG	Chip-breaker	Grade	Order Code YML-120
160404	NM6	QX5030	**-7516H**
160408	NM6	QX5030	**-7526H**

VCGT

Chip Breaker	Application
AL	Med Cut

Grade	ISO Designation P	M	K	P	M	K	N	S	H
K10	-	-	05 - 20				✓		

Suitable for External Toolholders:



SVJC- SVVCN

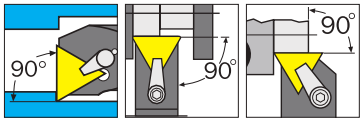
Insert Size VCGT	Chip-breaker	Grade	Order Code YML-120
110302	AL	K10	**-9101N**
110304	AL	K10	**-9111N**
160404	AL	K10	**-9141N**
160408	AL	K10	**-9151N**
160412	AL	K10	**-9161N**

TPMR

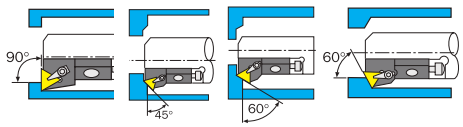
Chip Breaker	Application
PG	Med/Cut

Grade	ISO Designation P	M	K	P	M	K	N	S	H
QX520	10 - 35	10 - 30	10 - 30	✓	✓	✓			
QX530	20 - 40	20 - 30		✓	✓				
QX5020	10 - 35	10 - 30	10 - 30	✓	✓	✓			
QX5030	25 - 35	15 - 25		✓	✓				

Suitable for Internal/External Toolholders:



S_ _ _CTFR- CTCP- CTFP-

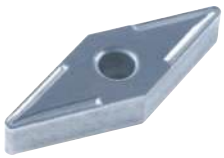


CTFP- CTSP- CTTP- CTWP-

Insert Size TPMR	Chip-breaker	Grade	Order Code YML-120
110304	PG	QX5020	**-8742G**
110304	PG	QX5030	**-8742H**
160304	PG	QX520	**-8772D**
160308	PG	QX520	**-8782D**
160308	PG	QX5030	**-8782H**

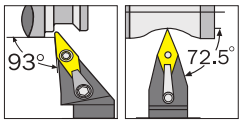
VNMG

Chip Breaker	Application
NFI	Finish
VF	Finish
NSS	Light/Medium



Grade	ISO Designation P	M	K	P	M	K	N	S	H
QX500	10 - 25	-	-	✓	✓	✓	✓		
QX520	10 - 35	10 - 30	10 - 30	✓	✓	✓			
QX530	20 - 40	20 - 30	-	✓	✓				
QX5030	25 - 35	15 - 25	-	✓	✓				
QX8010	10	10	10	✓	✓	✓	✓		

Suitable for External Toolholders:



MVJNL- MVVN-

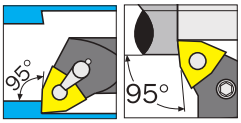
Insert Size VNMG	Chip-breaker	Grade	Order Code YML-120
12T302	NFI	QX530	**-9402E**
12T304	NFI	QX500	**-9404A**
12T304	NFI	QX530	**-9404E**

WNMG

Chip Breaker	Application
NF3	Finish
NSA	Light Cut
NSS	Light/Medium
NM4	Med Cut
NM5	Med Cut
NM6	Med Cut
NSM	Med/Rough

Grade	ISO Designation P	M	K	P	M	K	N	S	H
QX500	10 - 25	-	-	✓	✓	✓	✓		
QX520	10 - 35	10 - 30	10 - 30	✓	✓				
QX5030	25 - 35	15 - 25	-	✓	✓				
QX8010	10	10	10	✓	✓	✓			

Suitable for Internal/External Toolholders:



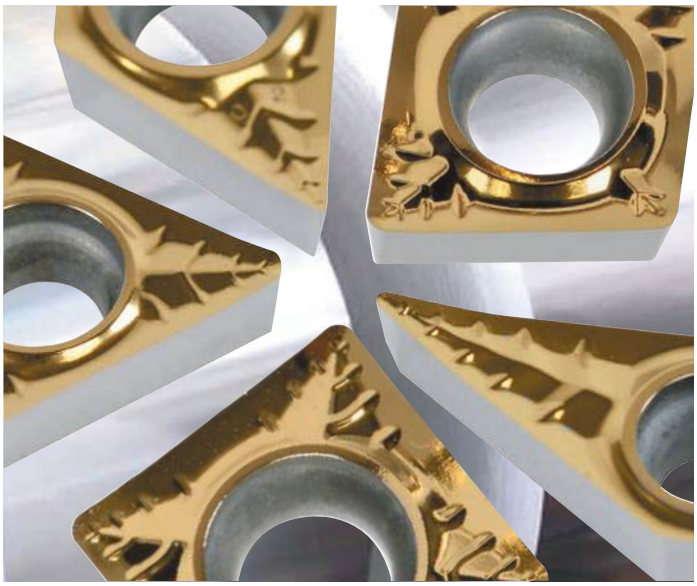
S_ _ _MWLN- PWLN-

Insert Size WNMG	Chip-breaker	Grade	Order Code YML-120
060404	NM4	QX520	**-9774D**
060408	NSS	QX8010	**-9780K**
080408	NM6	QX5030	**-9836H**

YAMALOY YAMALOY TOOLING · JAPAN **Think POSITIVE... and NEGATIVE** YAMALOY YAMALOY TOOLING · JAPAN

Insert Geometry for Finishing and Semi-finishing of Aluminium and Aluminium Alloys

- Optimised edge and radius geometry.
- Improved surface finish.
- Improved chip control.
- 'G' Tolerance for high repeatability.
- First choice for machining pure aluminium.
- 30% longer insert life compared to uncoated grade.



Grade K10C

ISO N05-N15 PVD Coated. Micrograin carbide for machining aluminium and aluminium alloys, 30% higher tool life against uncoated grade. Smooth coating and polished surface gives better chip control.

ALC Geometry

For finishing & semi finishing of aluminium and aluminium alloys. A unique breaker design gives a sharp cutting edge and positive rake angle. Special edge preparation and surface treatment produce better surface quality and greater chip control, reduced friction and vibration. 'G' tolerance inserts for higher repeatability.

CCGX

Fits the same Internal/External Toolholders as CCGT

Insert Size **CCGX**	Chip-breaker	Grade	Order Code **YML-120**
060202	ALC	K10C	**-0312N**
060204	ALC	K10C	**-0314N**
09T308	ALC	K10C	**-0320N**
120404	ALC	K10C	**-0324N**
120408	ALC	K10C	**-0326N**

SCGX

Fits the same Internal/External Toolholders as SCGT

Insert Size **SCGX**	Chip-breaker	Grade	Order Code **YML-120**
120408	ALC	K10C	**-4173N**

Feed Rates

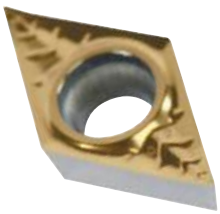
For Machining Pure Aluminium
Ap. DOC = 0.02 ~ 4.80 (mm)
F = 0.05~0.50 (mm/r)

For Machining Aluminium Alloys
Ap. DOC = 0.02 ~ 3.50 (mm)
F = 0.05~0.40 (mm/r)

30% LONGER INSERT LIFE COMPARED TO UNCOATED GRADE

DCGX

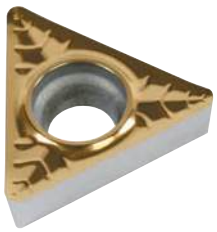
Fits the same Internal/External Toolholders as DCGT



Insert Size **DCGX**	Chip-breaker	Grade	Order Code **YML-120**
070204	ALC	K10C	**-1282N**
11T304	ALC	K10C	**-1291N**

TCGX

Fits the same Internal/External Toolholders as TCGT



Insert Size **TCGX**	Chip-breaker	Grade	Order Code **YML-120**
16T308	ALC	K10C	**-7096N**

VCGX

Fits the same Internal/External Toolholders as VCGT

Insert Size **VCGX**	Chip-breaker	Grade	Order Code **YML-120**
110302	ALC	K10C	**-9201N**
110304	ALC	K10C	**-9203N**
160404	ALC	K10C	**-9233N**

SWISS+TECH HSS Straight Shank TiN Tipped Jobber Drills

Bright body with TiN coating on working part. For drilling in steel, cast steel alloyed and non-alloyed, grey cast iron, graphite and malleable cast iron. Point angle: 118°, helix angle: normal, web thickness: standard, relief angle: normal, tolerance of diameter: h8, tolerance of shank: f11. Manufactured to **DIN 338**.

DIN 338 — For Dimensions See Pages 31 - 32

HSS | TiN-tip

Series 1004 - Metric

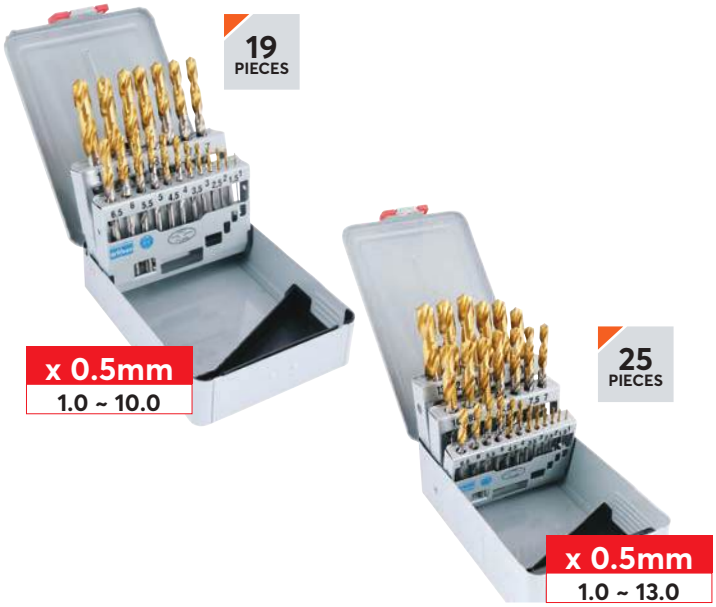
Dia. (mm)	Order Code SWT-125
1.00	-5010A
1.10	-5011A
1.20	-5012A
1.30	-5013A
1.40	-5014A
1.50	-5015A
1.60	-5016A
1.70	-5017A
1.80	-5018A
1.90	-5019A
2.00	-5020A
2.10	-5021A
2.20	-5022A
2.30	-5023A
2.40	-5024A
2.50	-5025A
2.60	-5026A
2.70	-5027A
2.80	-5028A
2.90	-5029A
3.00	-5030A
3.10	-5031A
3.20	-5032A
3.30	-5033A
3.40	-5034A
3.50	-5035A
3.60	-5036A
3.70	-5037A
3.80	-5038A
3.90	-5039A
4.00	-5040A
4.10	-5041A
4.20	-5042A
4.30	-5043A
4.40	-5044A
4.50	-5045A

Dia. (mm)	Order Code SWT-125
4.60	-5046A
4.70	-5047A
4.80	-5048A
4.90	-5049A
5.00	-5050A
5.10	-5051A
5.20	-5052A
5.30	-5053A
5.40	-5054A
5.50	-5055A
5.60	-5056A
5.70	-5057A
5.80	-5058A
5.90	-5059A
6.00	-5060A
6.10	-5061A
6.20	-5062A
6.30	-5063A
6.40	-5064A
6.50	-5065A
6.60	-5066A
6.70	-5067A
6.80	-5068A
6.90	-5069A
7.00	-5070A
7.10	-5071A
7.20	-5072A
7.50	-5075A
7.80	-5078A
8.00	-5080A
8.10	-5081A
8.20	-5082A
8.30	-5083A
8.40	-5084A
8.50	-5085A
8.60	-5086A

Dia. (mm)	Order Code SWT-125
8.70	-5087A
8.80	-5088A
9.00	-5090A
9.20	-5092A
9.50	-5095A
9.60	-5096A
9.80	-5098A
10.00	-5100A
10.20	-5102A
10.30	-5103A
10.50	-5105A
10.80	-5108A
11.00	-5110A
11.10	-5111A
11.20	-5112A
11.50	-5115A
11.70	-5118A
12.00	-5120A
12.50	-5125A
13.00	-5130A

HSS TiN Tipped Jobber Drill Sets

19 & 25 Piece Metric Sets



Number of Pieces	Order Code SWT-125
19	-9010A
25	-9020A

SWISS+TECH HSS-Co 8% Straight Heavy Duty Drills

HSS-Co 8%

The addition of up to 8% cobalt allows higher speeds to be used without reducing the life of the tool, increasing productivity. 28° helix and 135° point.
Manufactured to **DIN 338 RN**. Point to **DIN 1412C**.

DIN 338 / BS 328 — For Dimensions See Pages 31 - 32

Series 1020

Dia. (mm)	Order Code SWT-125
1.00	-0410A
1.40	-0414A
1.50	-0415A
1.60	-0416A
1.70	-0417A
1.80	-0418A
1.90	-0419A
2.00	-0420A
2.10	-0421A
2.20	-0422A
2.40	-0424A
2.50	-0425A
2.80	-0428A
2.90	-0429A
3.00	-0430A
3.10	-0431A
3.20	-0432A

Dia. (mm)	Order Code SWT-125
3.30	-0433A
3.40	-0434A
3.50	-0435A
3.70	-0437A
3.80	-0438A
4.00	-0440A
4.10	-0441A
4.20	-0442A
4.30	-0443A
4.50	-0445A
4.80	-0448A
4.90	-0449A
5.00	-0450A
5.10	-0451A
5.20	-0452A
5.30	-0453A
5.50	-0455A

Dia. (mm)	Order Code SWT-125
5.80	-0458A
6.00	-0460A
6.20	-0462A
6.40	-0464A
6.50	-0465A
6.70	-0467A
6.80	-0468A
7.00	-0470A
7.10	-0471A
7.20	-0472A
7.50	-0475A
7.80	-0478A
8.00	-0480A
8.20	-0482A
8.50	-0485A
9.00	-0490A
9.50	-0495A

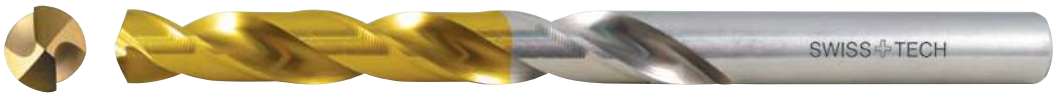
Dia. (mm)	Order Code SWT-125
10.00	-0500A
10.20	-0502A
10.50	-0505A
10.80	-0508A
11.00	-0510A
11.50	-0515A
11.70	-0517A
11.80	-0518A
11.90	-0519A
12.00	-0520A
12.50	-0525A
13.00	-0530A
13.50	-0535A
14.00	-0540A

SWISS+TECH HSS-Co Straight Shank Heavy Duty TiN Tipped Drills

HSS-Co | TiN-tip

DIN 338 / BS 328 — For Dimensions See Pages 31 - 32

Heavy-duty drill used to drill steels with a tensile strength up to 1,400 N/mm². Stainless steels, heat and acid resistant steels and phosphor bronze. TiN coating provides longer tool life.
Point angle: 135°. Helix angle: normal. Web thickness: strengthened. Relief angle: normal.
Tolerance of diameter: h8.
Manufactured to **DIN 338 RN**.



DIN 1412A 135°

Series 1024 - Metric

Dia. (mm)	Order Code SWT-125	Dia. (mm)	Order Code SWT-125	Dia. (mm)	Order Code SWT-125	Dia. (mm)	Order Code SWT-125
1.00	-1710A	3.50	-1735A	6.50	-1765A	10.50	-1805A
1.50	-1715A	4.00	-1740A	6.80	-1768A	11.00	-1810A
1.60	-1716A	4.20	-1742A	7.00	-1770A	12.00	-1820A
2.00	-1720A	4.50	-1745A	7.50	-1775A	12.50	-1825A
2.50	-1725A	4.90	-1749A	8.00	-1780A	13.00	-1830A
3.00	-1730A	5.00	-1750A	8.50	-1785A		
3.20	-1732A	5.50	-1755A	9.00	-1790A		
3.30	-1733A	6.00	-1760A	10.00	-1800A		

SWISS+TECH HSS-Co Straight Shank Heavy Duty TiN Coated Drills

HSS-Co | TiN

DIN 338 / BS 328 — For Dimensions See Pages 31 - 32

Heavy-duty drill used to drill steels with a tensile strength up to 1,400 N/mm². Stainless steels, heat and acid resistant steels and phosphor bronze. TiN coating provides longer tool life. Point angle: 135°. Helix angle: normal. Web thickness: strengthened.
Relief angle: normal. Tolerance of diameter: h8.
Manufactured to **DIN 338 RN**.

DIN 1412C 135°

Series 1033

Dia. (mm)	Order Code SWT-125	Dia. (mm)	Order Code SWT-125	Dia. (mm)	Order Code SWT-125	Dia. (mm)	Order Code SWT-125
1.00	-0610A	3.00	-0630A	5.10	-0651A	9.50	-0695A
1.10	-0611A	3.20	-0632A	5.20	-0652A	10.00	-0700A
1.20	-0612A	3.30	-0633A	6.00	-0660A	10.20	-0702A
1.50	-0615A	3.40	-0634A	6.30	-0663A	10.90	-0709A
1.60	-0616A	3.50	-0635A	6.50	-0665A	11.90	-0719A
1.70	-0617A	4.00	-0640A	6.80	-0668A	12.00	-0720A
2.00	-0620A	4.20	-0642A	7.00	-0670A	12.40	-0724A
2.10	-0621A	4.30	-0643A	8.00	-0680A	12.80	-0728A
2.30	-0623A	4.50	-0645A	8.50	-0685A	13.00	-0730A
2.50	-0625A	4.80	-0648A	8.70	-0687A		
2.60	-0626A	4.90	-0649A	9.00	-0690A		
2.70	-0627A	5.00	-0650A				

SWISS+TECH HSS-Co Straight Shank Long Series Drills

HSS-Co

HEAVY DUTY

Heavy duty drill used for deep holes in steels with a tensile strength up to 1,400 N/mm². Stainless steels, heat and acid-resistant steels and hard bronze. Point angle: 135°. Helix angle: normal. Web thickness: strengthened.
Relief angle: normal. Tolerance of diameter: h8. Tolerance of shank: f11.
Manufacturing Standard: **DIN 340/BS328**.

Series 4000 - Metric

Diameter (mm)	Flute Length	Overall Length	Weight per 10	Order Code SWT-125	Diameter (mm)	Flute Length	Overall Length	Weight per 10	Order Code SWT-125
3.00	66.0	100.0	51g	-4030A	5.50	91.0	139.0	213g	-4055A
3.20	69.0	106.0	65g	-4032A	6.00	91.0	139.0	238g	-4060A
3.50	73.0	112.0	68g	-4035A	6.50	97.0	148.0	300g	-4065A
4.00	78.0	119.0	106g	-4040A	8.00	109.0	165.0	496g	-4080A
5.00	87.0	132.0	184g	-4050A	8.50	109.0	165.0	548g	-4085A
5.20	87.0	132.0	180g	-4052A					

TiN Tipped Jobber Drills

Scan the QR code

TiN Coated Jobber Drills

Scan the QR code

TiN Coated Stub Drills

Scan the QR code

SWISS+TECH HSS TiN Tipped Centre Drills

TiN-tip

HSS

Designed with spiral flutes and various lengths and forms to give high quality centre holes that suit most applications. TiN coating on working parts. 60° inclusive angle.
Manufactured to **BS 328 : Part 2 : 1986, DIN 333A, ISO 866, ISO 2540, ISO 2541.**

Metric Series

Diameter		Pilot Length		Overall	Order Code
Body	Pilot	Min.	Max.	Length	**SWT-125**
3.15	1.0	1.3	1.9	31.5	**-5142A**
4.00	1.60	2.0	2.8	35.5	**-5143A**
5.00	2.00	2.5	3.3	40.0	**-5144A**
6.30	2.50	3.1	4.1	45.0	**-5145A**
8.00	3.15	3.9	4.9	50.0	**-5146A**
10.00	4.00	5.0	6.2	56.0	**-5147A**
12.50	5.00	6.3	7.5	63.0	**-5148A**

SWISS+TECH HSS TiN Tipped Spotting Drills

HSS

TiN-tip

Special drill for accurate and fast spotting on NC machines, jig drills and other capital-intensive boring machines. For countersinking and chamfering of tapping holes in one operation. Only suitable for shallow depth drilling.
90° Point - Metric

Diam. (mm)	Flute Length	Overall Length	Order Code **SWT-125**
4.00	12.0	46.0	**-5180A**
5.00	14.0	62.0	**-5181A**
6.00	16.0	66.0	**-5182A**
8.00	21.0	79.0	**-5183A**
10.00	24.0	89.0	**-5184A**
12.00	30.0	102.0	**-5185A**
16.00	35.0	115.0	**-5187A**

90° Point 5 Piece Set
Contents: 4.00, 6.00, 8.00, 10.00 and 12.00

Number of Pieces	Order Code **SWT-125**
5	**-5190A**

SWISS+TECH Centre Drill Sets

TiN-tip

HSS

5 PIECES

Designed with spiral flutes and various lengths andforms to give high quality centre holes. TiN coating on working parts. 60° inclusive angle.
Manufactured to **BS 328 : Part 2 : 1986, DIN 333A, ISO 866, ISO 2540, ISO 2541.**
Metric Sizes: 4.00, 6.00, 8.00, 10.00 and 12.00mm.
Imperial Sizes: BS1, BS2, BS3, BS4 and BS5.

Number of Pieces	Type	Order Code **SWT-125**
5	Metric	**-5155A**
5	Imperial	**-5140A**

Centre Drills

Scan the QR code

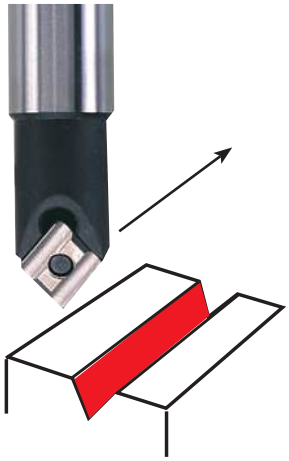
INDEXA-SEIKI Multi-Pro Spot Drills & Chamfer Mills

A spotting drill with all the advantages of indexable inserts - reduced tool maintenance time, increased performance, lower inventory cost and no regrinding requirements. The insert clamping method ensures accurate and secure location with quick change-over times. Multi-pro has a unique geometry which allows cutting over the centre line, using carbide, without chipping of the cutting edge. This versatile tool may be used to 'spot' holes prior to drilling, as a means to guide the drill and keep the hole straight, to keep size and accurately position, relative to the datum.
NB. The 118° inclusive tool is recommended for 'spotting' prior to drilling with 118° point drills. Countersinks may be produced prior to drilling to provide a corner break on a drilled hole, a chamfer conforming to drawing specifications, a lead in for a subsequent tapping operation, or a full countersink to accommodate a screw head. Corner chamfers on edges, contours and bores can be machined as light de-burring operations or full depth chamfers. Multi-pro may be used to produce vee grooves for fluid channels, locations for round components and grip pattern or serrations on jaws and clamp pads.

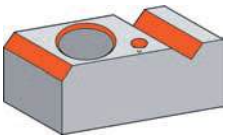
SCM1045C SC1645C SC1630C

Hole Chamfer

Vee Groove Milling



Application Range

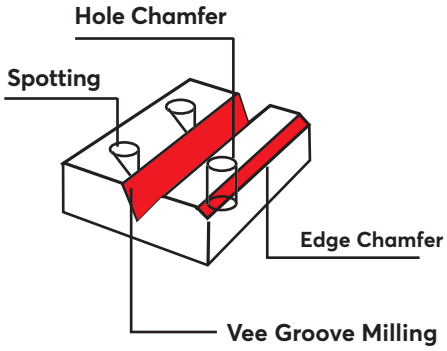


'Multi Pro Mini' - Uses C22 GUX Inserts

Designation	Cutting Diameter	Overall Length	Included Angle	Shank Diameter	Order Code IND-139
SCM 1045C	8mm	105mm	90°	10mm	-8050K

'Multi Pro Standard' - Uses C32 GUX Inserts

Designation	Cutting Diameter	Overall Length	Included Angle	Shank Diameter	Order Code IND-139
SC 1645C	13mm	110mm	90°	16mm	-8545K

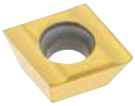


Insert Grade Description

QM10 **(ISO P10/M10/K10)** Tin Coated Multi-purpose grade for general use, can cut the majority of ferrous and non-ferrous materials used in industry.

QS20 **(ISO P20)** Uncoated Grade for steel and stainless steel application.

QC10 **(ISO K10)** Uncoated Grade for cast irons, aluminiums, and non-ferrous materials.



Speed & Feed Recommendations for Multi-Pro

Group	Materials	Rockwell Hardness HRC	Recommended Grade		Cutting Speed M/min	Type of Operation	Feed/Rev Pro Mini 105mm	Feed/Rev Pro Standard 110mm	Feed/Rev Pro Mini 165mm
1.1 to 1.3	Alloy Steels and castings	from 36 up to 45	QS20	QM10	80~100	Spot Drilling Chamfer Milling	0.020 0.050	0.026 0.070	0.013 0.040
1.4 to 1.6	Tool and die steels	from 45 up to 55	QS20	QM10	55~65	Spot Drilling Chamfer Milling	0.012 0.030	0.016 0.050	0.008 0.020
2.1 to 2.3	Stainless steels	up to 36	QS20	QM10	70~90	Spot Drilling Chamfer Milling	0.020 0.040	0.026 0.060	0.013 0.030
3.1 to 3.4	Cast irons	-	QC10	QM10	100~120	Spot Drilling Chamfer Milling	0.034 0.050	0.045 0.070	0.022 0.040
6.1 to 6.6	Copper alloys brass and bronze	-	QC10	QM10	120~150	Spot Drilling Chamfer Milling	0.034 0.050	0.045 0.070	0.022 0.040
7.1 to 7.4	Aluminium alloys	-	QC10	QM10	120~150	Spot Drilling Chamfer Milling	0.034 0.050	0.045 0.070	0.022 0.040

INDEXA™ Milling Cutters

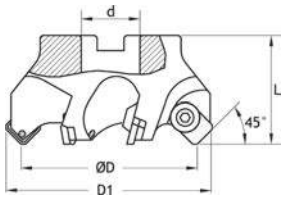
Super Positive 45° approach milling cutter, angle decreases cutting forces and allows a quick feed in a limited capacity machine. Plasma Ion coating offers longer tool life and greater hardness that is more resistant to wear. Through coolant as standard.

XP-45C 'Face Hog' Milling Cutters

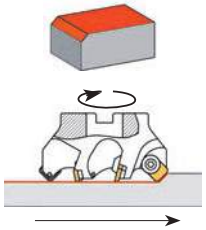
Clamp style insert pocket with shim seats to protect the body in case of accident.

Feed Per Tooth (mm)
0.05 - 0.20

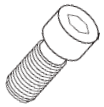
Inserts SEKN 1203 or SEKR 1203
See Page 176



Application Range



Spares to suit



Arbor Screw
Order Code **IND-107**
-5353K

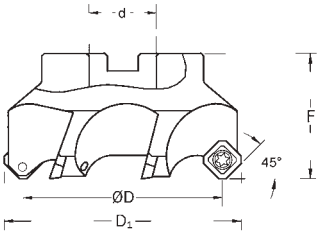
Dia (mm)	D_1	d	L	Z	Order Code **IND-139**
63	76	22	50	5	**-7600K**

INDEXA™ XP-45C 'Hi Shear' Milling Cutters

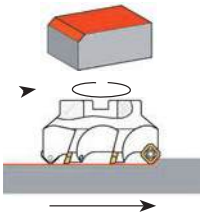
Torx screws allow for good chip evacuation.

Feed Per Tooth (mm)
0.05 - 0.20

Inserts SEHT 1204
See Page 176



Application Range



Spares to suit

Arbor Screw	Driver
Order Code **IND-107**	Order Code **KEN-603**
-	**-0220D**
-5354K	**-**

XP XTRA PLASMA COATED BODY

Dia (mm)	D_1	d	F	Z	Order Code **IND-139**
63	75	22	50	5	**-7400K**
80	92	27	50	6	**-7420K**

INDEXA XP-90C 'APT' 90° Shell Mills

Positive 90° approach milling cutter, using size 10/16 inserts allowing depth passes and high feed per teeth. Torx screw allows for good chip evacuation. Plasma Ion coating offers longer tool life and greater hardness that is more resistant to wear. Through coolant as standard.

XP XTRA PLASMA COATED BODY

Inserts APKT See 81

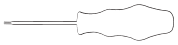
Insert Size	Feed Per Tooth (Fz) mm
APXT 10	0.05 - 0.20
APXT 16	0.10 - 0.30

XP-90C End Mills For AP_T 10 Inserts

APKT1003 or APXT1003

D	Z	H	C	L	Order Code IND-139
16	2	25	20	90	-4860K
20	3	25	20	110	-4900K

Spares to suit

Clamp Screw	 Driver
Order Code IND-107	Order Code KEN-603
-5240K	-0080D
-5240K	-0080D

XP-90C End Mills For AP_T 16 Inserts

APKT1604 or APXT1604

D	Z	H	C	L	Order Code IND-139
20	1	37	20	100	-5000K
25	2	40	25	117	-5020K
40	4	50	32	136	-5060K

Spares to suit

Clamp Screw	Flag Torx Key	Driver
Order Code IND-107	Order Code IND-107	Order Code KEN-603
-5270K	-5150K	-0150D
-5270K	-5150K	-0150D
-5270K	-5150K	-0150D

INDEXA XP-90C 'APT' 90° Shell Mills

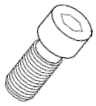
Positive 90° approach milling cutter, using size 16 inserts allowing depth passes and high feed per teeth. Torx screw allows for good chip evacuation. Plasma Ion coating offers longer tool life and greater hardness that is more resistant to wear. Through coolant as standard.

XP XTRA PLASMA COATED BODY

Inserts APKT 1604 See Page

Feed Per Tooth (Fz) mm
0.10 - 0.30

Spares to suit

 Arbor Screw	Clamp Screw	Driver
Order Code IND-107	Order Code IND-107	Order Code KEN-603
-5354K	-5270K	-0150D
-5354K	-5270K	-0150D
-5354K	-5270K	-0150D

XP-90C Shell Mills For APKT 16 Inserts

APKT1604

D	Z	H	C	L	Order Code IND-139
50	4	22	10.4	50	-3920K
63	5	22	10.4	50	-3940K
80	6	27	12.7	50	-3960K

INDEXA Tool Locking Fixtures

Universal
Made from cast aluminium with
machined carbon steel fittings, these fixtures are an invaluable asset in your machine shop. Universal in use, suitable for BT, DIN and CAT tool holders. Designed to give maximum protection for your tool holder whilst enabling strong gripping power to be exerted in both horizontal and vertical positions. It is tough but remains light in weight and its compact design makes it ideal for mounting on a work table or tool cart.

Overall dimensions (L x W x H)
Taper size 40: 200 x 155 x 100mm.
Taper size 50: 270 x 210 x 145mm.

Horizontal

Vertical

Taper Size BT-DIN-CAT	Weight each	Order Code IND-140
30	1.9kg	**-6630K**
40	1.9kg	**-6640K**
50	4.2kg	**-6650K**

INDEXA-SEIKI ER Industrial Hook Wrench

For ER8/ER40 collet nuts. Adjustable size, drop forged steel. Single hand adjustment. One spanner will cover 35 - 105 collet nuts.

To suit collets: ER 8, 16, 25, 32 and 40.
Metric sizes: 35, 50, 60, 70, 80, 90 and 105mm.

Description	Weight each	Order Code IND-140
Adjustable	500g	**-8100K**

Spindle Tooling Collets

Scan the QR code

INDEXA™ Tapping Head Sets

Each set is supplied complete with two rubber flex collets, two Morse arbors, kick bar and wrenches. Suitable for use with ISO, DIN and ANSI taps. Suitable for light and medium duty applications not for production machining. Range capacity is nominal sizes only and is dependent on tap shank dimensions (ISO or DIN).

Model JSN-7
IND-144-8040K

Model JSN-12
IND-144-8050K

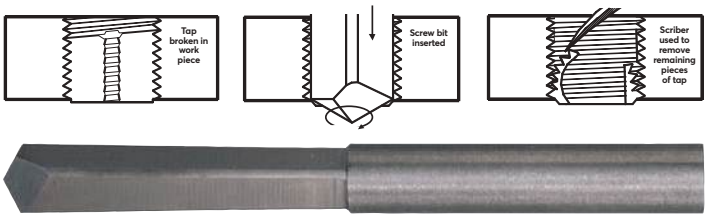
Model JSN-20
IND-144-8060K

Model	Range	Morse Taper	Recom-mended Max. Speed	Reverse Ratio	Body Diameter	Overall Length	Clockwise Compres-sion	Self Feed*	Clockwise Expansion	Order Code **IND-144**
JSN-7	M2-7	1 & 3	1500 RPM	01:01.6	52mm	130mm	5.0mm	3.5mm	10.0mm	**-8040K**
JSN12	M4-12	3 & 4	1000 RPM	01:01.8	75mm	156mm	5.0mm	4.5mm	14.0mm	**-8050K**
JSN-20	M8-20	3 & 4	600 RPM	01:01.7	90mm	205mm	6.0mm	6.0mm	14.0mm	**-8060K**

KENNEDY® QUALITY INDUSTRIAL TOOLING Solid Carbide Screw Drills

CARBIDE

Primarily designed for removing broken taps or bolts without damaging the component surface.
By drilling the core of a tap it is possible to remove the remaining pieces with a scriber. Screw drills are also suitable for drilling other hard materials including: hardened steels, glass, stellite etc. Select screw drill as per tap diameter. Steady manual feed component and spindle stability are vital. Drills should be running between 1,500 and 3,500 revs/min.
A steady and continuous manual feed should be applied.
No cutting fluid required.



*Or inch equivalent

Type	Size	Weight each	Order Code **KEN-154**
SD2	2mm for M3*	10g	**-1020K**
SD3	3mm for M4 - M5*	10g	**-1030K**
SD4	4mm for M6 - M7*	20g	**-1040K**
SD5	5mm for M8 - M10*	30g	**-1050K**
SD6	6mm for M10 - M12*	30g	**-1060K**

Solid Carbide Screw Drill Set
Contents: SD2, SD3, SD4, SD5 and SD6

5 PIECES

No. of Pieces	Weight per set	Order Code **KEN-154**
5	80g	**-1100K**

Flexible Rubber Collet Sets

Scan the QR code

Solid Carbide Jobber Drills

CARBIDE

General purpose drills for drilling a wide variety of metallic and non-metallic materials.
Point angle: 118°. Tolerance of diameter: h7. Tolerance of shank: h6. Supply unit. All diameters - 1 pce.
Manufacturing Standard: **BS 328, DIN 338**.

DIN 338 BS 328

For Dimensions See Pages 31 - 32

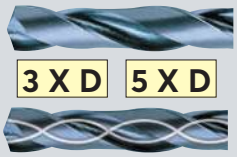
Series J102 - Metric

Dia. (mm)	Order Code SHR-158
1.00	-5100K
1.10	-5110K
1.20	-5120K
1.30	-5130K
1.40	-5140K
1.50	-5150K
1.60	-5160K
1.70	-5170K
1.80	-5180K
1.90	-5190K
2.00	-5200K
2.10	-5210K
2.20	-5220K
2.30	-5230K
2.40	-5240K
2.50	-5250K
2.60	-5260K
2.70	-5270K
2.80	-5280K
2.90	-5290K
3.00	-5300K
3.10	-5310K

Dia. (mm)	Order Code SHR-158
3.20	-5320K
3.30	-5330K
3.40	-5340K
3.50	-5350K
3.70	-5370K
3.80	-5380K
4.00	-5400K
4.10	-5410K
4.20	-5420K
4.40	-5440K
4.50	-5450K
4.60	-5460K
4.80	-5480K
5.00	-5500K
5.10	-5510K
5.20	-5520K
5.30	-5530K
5.40	-5540K
5.50	-5550K
5.60	-5560K
5.70	-5570K
5.80	-5580K

Dia. (mm)	Order Code SHR-158
6.00	-5600K
6.10	-5610K
6.20	-5620K
6.30	-5630K
6.50	-5650K
6.70	-5670K
6.80	-5680K
7.00	-5700K
7.20	-5720K
7.50	-5750K
8.00	-5800K
8.20	-5820K
8.30	-5830K
8.50	-5850K
8.60	-5860K
9.00	-5900K
9.50	-5950K
10.00	-6000K
10.20	-6020K
10.50	-6050K
11.00	-6100K
12.00	-6200K

Dia. (mm)	Order Code SHR-158
12.50	-6250K
13.00	-6300K
14.00	-6400K



3 X D 5 X D

THROUGH COOLANT

SWISS+TECH

Page 95

Solid Carbide Stub Drills

CARBIDE

For drilling into steel, cast steel, cast iron, chilled cast iron, malleable cast iron, non-ferrous materials and abrasive plastic. Point angle: 118°, helix angle: 30°, tolerance of diameter: h7, tolerance of shank: h6.
Manufactured to **Works Standard**.

Metric

Dia. (mm)	Flute Length	Overall Length	Order Code SHR-158
1.0	11.0	30.0	-3100K
1.3	13.0	30.0	-3130K
1.5	13.0	30.0	-3150K
1.6	17.5	40.0	-3160K
1.7	17.5	40.0	-3170K
1.8	17.5	40.0	-3180K
2.0	17.5	40.0	-3200K
2.4	17.5	40.0	-3240K
2.5	17.5	40.0	-3250K
3.0	20.0	45.0	-3300K
3.2	22.0	50.0	-3320K
3.3	22.0	50.0	-3330K
3.5	22.0	50.0	-3350K
4.0	22.0	50.0	-3400K
4.2	25.0	50.0	-3420K
4.5	25.0	50.0	-3450K
4.8	25.0	50.0	-3480K
5.0	25.0	50.0	-3500K
5.5	25.0	50.0	-3550K
6.0	25.0	50.0	-3600K
6.3	30.0	65.0	-3630K
6.5	30.0	65.0	-3650K
6.8	30.0	65.0	-3680K
7.0	30.0	65.0	-3700K
8.0	34.0	70.0	-3800K
8.1	34.0	70.0	-3810K
10.0	34.0	75.0	-4100K

Carbide Printed Circuit Board Drills

Scan the QR code

Carbide Spotting Drills

CARBIDE

Designed for close tolerance hole location. Suitable for continuous production on aluminium, plastics, free cutting steels, cast iron, titanium and some aerospace materials. The stability of carbide makes the tool more rigid and less likely to deflect, maintaining a higher level of accuracy. Operators should note that continuous heavy shock loading may cause the tool to fail due to its brittleness.

90° Point - Metric

Metric Series

Diam. (mm)	Flute Length	Overall Length	Order Code SHR-158
4.00	10.0	40.0	**-8540K**
6.00	16.0	50.0	**-8560K**
8.00	23.0	60.0	**-8580K**
10.00	24.0	70.0	**-8600K**
12.00	25.0	70.0	**-8620K**

Carbide Centre Drills

CARBIDE

Used to produce 60° centres in components for subsequent manufacturing operations to be carried out. Tool life is extended and difficult materialsmay be drilled. 60° included angle. 118° drill point.
Manufactured to **BS 328**.

Tolerances
Cutting Diameter +0.0005"
Shank Diameter +0.0010"

Metric Series

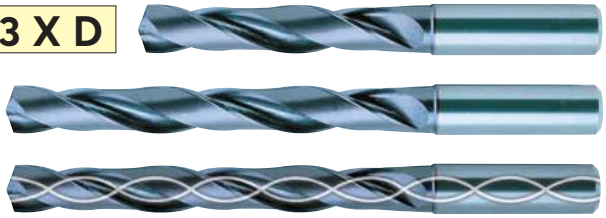
Diameter Body	Diameter Pilot	Pilot Length Min.	Pilot Length Max.	Overall Length	Order Code SHR-158
4.00	1.60	2.0	2.8	35.5	**-8110K**
5.00	2.00	2.5	3.3	40.0	**-8120K**
6.30	2.50	3.1	4.1	45.0	**-8130K**
8.00	3.15	3.9	4.9	50.0	**-8140K**
10.00	4.00	5.0	6.2	56.0	**-8150K**
12.50	5.00	6.3	7.5	63.0	**-8160K**

Solid Carbide Drill

For drilling into general steel, cast steel, cast iron, chilled cast iron, malleable cast iron, non-ferrous heavy and light metal, and abrasive plastic, self-centring.
Point angle: 140°, tolerance of diameter: m7, tolerance of shank: h6.
Manufactured to **DIN 6537**.

3 X D

5 X D



CARBIDE

Q-Coat

DIN 6537

Diameter (mm)	Order Code SWT-158 3 x D Solid	Order Code SWT-158 5 x D Solid	Order Code SWT-158 5 x D Through Coolant
3.00	**-3530S**	-	-
3.20	**-3532S**	**-5532S**	-
3.30	**-3533S**	**-5533S**	-
3.50	**-3535S**	-	-
4.00	**-3540S**	**-5540S**	-
4.20	**-3542S**	-	-
4.50	-	-	**-5045C**
5.00	**-3550S**	**-5550S**	-
5.50	-	**-5555S**	-
6.00	**-3560S**	**-5560S**	-
6.20	-	-	-
6.50	-	**-5565S**	-
6.80	**-3568S**	-	-
7.00	**-3570S**	-	-
7.50	**-3575S**	-	-
8.00	**-3580S**	-	-
8.50	-	**-5585S**	**-5085C**
9.00	-	**-5590S**	**-5090C**
10.00	**-3600S**	**-5600S**	**-5100C**
10.20	-	-	**-5102C**
11.00	**-3610S**	-	**-5110C**
12.00	**-3620S**	**-5620S**	-
12.50	-	-	-
13.00	**-3630S**	**-5630S**	**-5130C**
13.50	**-3635S**	-	-
16.00	**-3660S**	-	-

Solid Carbide Jobber Drills - Inch

Series J102
General purpose drills for drilling a wide variety of metallic and non-metallic materials. Point angle: 118°.Tolerance of diameter: h7. Tolerance of shank: h6. **BS 328, DIN 338**

Drill Diameter	Order Code SHR-158
1/8"	**-4580K**

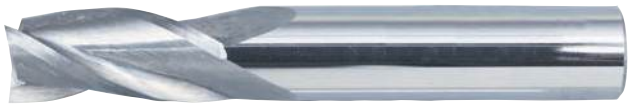
SHERWOOD QUALITY CUTTING TOOLS

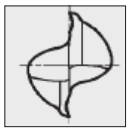
Carbide Micrograin Plain Shank Milling Cutters

CARBIDE

For optimum performance and maximum swarf removal when plunging, slotting and routing in light alloys, brass, aluminium, non-ferrous and other soft materials.
Manufactured to **ANSi Standards**.
Two flute for maximum swarf clearance. Four flute for maximum rigidity. (Three flute offer a combination of the advantages achieved with two and four flutes.)

Tolerances		
Diameter Metric	**Tolerance** +	-
Over 1.00 ~ up to 6.00	0.000	0.050
Over 6.00 ~ up to 25.00	0.000	0.080





Regular Series

Diameter (mm)	Flute Length	Overall Length	Shank Dia.	2 FLUTE Order Code SHR-161	4 FLUTE Order Code SHR-161
1.00	3.0	39.0	3.0	**-0020K**	-
1.50	5.0	39.0	3.0	**-0030K**	-
2.00	7.0	39.0	3.0	**-0040K**	**-6040K**
2.50	8.0	39.0	3.0	**-0050K**	**-6050K**
3.00	10.0	39.0	3.0	**-0060K**	**-6060K**
3.50	12.0	51.0	4.0	**-0070K**	-
4.00	14.0	51.0	4.0	**-0080K**	**-6080K**
4.50	14.0	51.0	5.0	-	**-6090K**
5.00	16.0	51.0	5.0	**-0100K**	**-6100K**
5.50	19.0	64.0	6.0	-	-
6.00	19.0	64.0	6.0	**-0120K**	**-6120K**
6.50	19.0	70.0	8.0	-	**-6130K**
7.00	19.0	64.0	8.0	**-0140K**	**-6140K**
8.00	21.0	64.0	8.0	**-0160K**	**-6160K**
9.00	22.0	70.0	10.0	**-0180K**	**-6180K**
10.00	25.0	70.0	10.0	**-0200K**	**-6200K**
11.00	25.0	70.0	11.0	-	**-6220K**
12.00	25.0	76.0	12.0	**-0240K**	**-6240K**
14.00	30.0	89.0	14.0	**-0280K**	**-6280K**
16.00	32.0	89.0	16.0	**-0320K**	**-6320K**
20.0	38.0	102.0	20.0	**-0400K**	**-6400K**

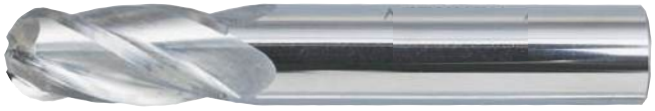
SHERWOOD QUALITY CUTTING TOOLS

CARBIDE

Solid Carbide Micrograin Plain Shank End Mills 4 Flute Ball Nosed

For maximum strength when milling harder materials where rapid swarf removal is not needed. Four flute milling cutters have one of the strongest tooth structures available in solid cutters. Centre cutting as standard.
Manufactured to **ANSI Standards**.

Tolerances		
Diameter Metric	**Tolerance** +	-
Over 1.00 ~ up to 6.00	0.000	0.050
Over 6.00 ~ up to 25.00	0.000	0.080



Regular Series

Diameter (mm)	Flute Length	Overall Length	Shank Dia.	Order Code SHR-161
2.00	6.3	38.0	3.0	**-7040K**
3.00	12.0	38.0	3.0	**-7060K**
4.00	14.0	50.0	4.0	**-7080K**
5.00	16.0	50.0	6.0	**-7100K**
6.00	19.0	50.0	6.0	**-7120K**
8.00	20.0	63.0	8.0	**-7160K**
10.00	22.0	75.0	10.0	**-7200K**
12.00	25.0	75.0	12.0	**-7240K**
16.00	32.0	89.0	16.0	**-7320K**
20.00	38.0	100.0	20.0	**-7400K**

SWISS+TECH

Carbide Plain Shank Milling Cutters

Centre cutting. To **Manufacturers Standards**.

HSS-Co 8% Uncoated For general production machining.

HSS-Co 8% TiCN Coated Extends cutter tool life and improves work material surface finish.

HSS-Co 8% TiALN Coated Dissipates and resists heat, reduces surface friction coupled with high surface hardness.

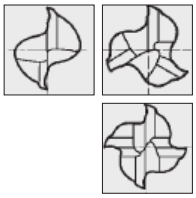
Series 50
4 Flute - Short Series

CARBIDE TiCN

Diameter (mm)	Flute Length	Overall Length	Shank Diameter	EMC-4PS Carbide Order Code SWT-161
2.00	8.0	32.0	2.0	**-5002A**
2.50	8.0	32.0	2.5	**-5002L**
3.00	12.0	32.0	3.0	**-5003A**
4.00	12.0	40.0	4.0	**-5004A**
5.00	14.0	50.0	5.0	**-5005A**
6.00	16.0	50.0	6.0	**-5006A**
6.50	20.0	50.0	8.0	**-5006L**
8.00	20.0	60.0	8.0	**-5008A**
10.00	20.0	70.0	10.0	**-5010A**
12.00	22.0	70.0	12.0	**-5012A**
14.00	25.0	75.0	14.0	**-5014A**
16.00	25.0	75.0	16.0	**-5016A**
20.00	32.0	100.0	20.0	**-5020A**

6 Piece Sets
Dimensions to **DIN 844.** Cutting diameter to **js12**. Shank diameter to **h6**.
Contents: 3, 4, 5, 6, 8 and 10mm.

CARBIDE



6 PIECES

Number of Flutes	Series Number	Order Code SWT-161
3	48	**-4890A**
4	50	**-5028A**

KENNEDY QUALITY INDUSTRIAL TOOLING Carbide Micrograin Plain Shank Milling Cutters

For optimum performance and maximum swarf removal when plunging, slotting and routing in light alloys, brass, aluminium, non-ferrous and other soft materials.
Manufactured to **Works Standards**.

Diameter Metric	Tolerance +	Tolerance -	Diameter Inch	Tolerance +	Tolerance -
Over 1.00 ~ up to 6.00	0.000	0.050	Over 1/16" ~ up to 1/4"	0.000	0.002
Over 6.00 ~ up to 25.00	0.000	0.080	Over 1/4" ~ up to 1"	0.000	0.003

4 Flute

Regular Series - Metric

Diameter (mm)	Flute Length	Overall Length	Shank Dia.	Weight each	Order Code KEN-161
1.00	3.0	40.0	4.0	15g	**-6020K**
2.00	8.0	32.0	2.0	15g	**-6040K**
3.00	12.0	32.0	3.0	15g	**-6060K**
4.00	14.0	40.0	4.0	20g	**-6080K**
5.00	14.0	50.0	5.0	30g	**-6100K**
6.00	16.0	50.0	6.0	35g	**-6120K**
7.00	20.0	60.0	8.0	40g	**-6140K**
8.00	20.0	60.0	8.0	40g	**-6160K**
9.00	20.0	60.0	9.0	60g	**-6180K**
10.00	22.0	70.0	10.0	100g	**-6200K**
11.00	22.0	70.0	11.0	120g	**-6220K**
12.00	22.0	70.0	12.0	130g	**-6240K**
16.00	25.0	75.0	16.0	230g	**-6320K**
20.00	32.0	100.0	20.0	240g	**-6400K**

KENNEDY QUALITY INDUSTRIAL TOOLING Carbide Micrograin Plain Shank Slot Drills

Long Series - 2 Flute

For optimum performance and maximum swarf removal when plunging, slotting and routing in most materials including brass, aluminium, non-ferrous and other soft materials.
Manufactured to **USCTi Standards**.

Diameter Metric	Tolerance +	Tolerance -	Diameter Inch	Tolerance +	Tolerance -
Over 1.00 ~ up to 6.00	0.000	0.050	Over 1/16" ~ up to 1/4"	0.000	0.002
Over 6.00 ~ up to 25.00	0.000	0.080	Over 1/4" ~ up to 1"	0.000	0.003

Long Series - 4 Flute

CARBIDE

Long Series - Metric

Diameter (mm)	Flute Length	Overall Length	Shank Dia.	Weight each	Order Code KEN-161
3.00	20.0	60.0	3.0	15g	**-9203K**
4.00	20.0	60.0	4.0	20g	**-9204K**
5.00	25.0	75.0	5.0	30g	**-9205K**
6.00	30.0	75.0	6.0	35g	**-9206K**
8.00	30.0	75.0	8.0	40g	**-9208K**
10.00	40.0	100.0	10.0	100g	**-9210K**
12.00	45.0	100.0	12.0	130g	**-9212K**
16.00	65.0	150.0	16.0	230g	**-9216K**

KENNEDY QUALITY INDUSTRIAL TOOLING Carbide Micrograin Plain Shank Slot Drills

Long Series - 2 Flute

For optimum performance and maximum swarf removal when plunging, slotting and routing in most materials including brass, aluminium, non-ferrous and other soft materials.
Manufactured to **USCTi Standards**.

Diameter Metric	Tolerance +	Tolerance -	Diameter Inch	Tolerance +	Tolerance -
Over 1.00 ~ up to 6.00	0.000	0.050	Over 1/16" ~ up to 1/4"	0.000	0.002
Over 6.00 ~ up to 25.00	0.000	0.080	Over 1/4" ~ up to 1"	0.000	0.003

3 Flute

CARBIDE

Long Series - Metric

Diameter (mm)	Flute Length	Overall Length	Shank Dia.	Weight each	Order Code KEN-161
4.00	25.0	75.0	4.0	20g	**-4004K**
5.00	25.0	75.0	6.0	30g	**-4005K**
6.00	25.0	75.0	6.0	35g	**-4006K**
8.00	25.0	75.0	8.0	40g	**-4008K**
10.00	38.0	100.0	10.0	100g	**-4010K**
12.00	50.0	100.0	12.0	130g	**-4012K**
16.00	75.0	150.0	16.0	230g	**-4016K**

Slot Drills

See our range

Scan the QR code

SWISS+TECH HSS-Co 8% Threaded Shank End Mills 4 & 6 Flute

HSS-Co 8%

Centre cutting.
Threaded shank to **DIN 1835D**.
Shank cutting diameter to +0.04 -0.0.

HSS-Co 8% Uncoated For general production machining.

Series 36
Regular Series Dimensions to **DIN 844**

Diameter (mm)	Flute Length	Shank Diameter	Overall Length	EMH-4TR HSS-Co 8% Order Code SWT-163
3.00	8.0	6.0	52.0	**-3603A**
4.00	11.0	6.0	55.0	**-3604A**
5.00	13.0	6.0	57.0	**-3605A**
6.00	13.0	6.0	57.0	**-3606A**
7.00	16.0	10.0	66.0	**-3607A**
8.00	19.0	10.0	69.0	**-3608A**
10.00	22.0	10.0	70.0	**-3610A**
12.00	26.0	12.0	83.0	**-3612A**
14.00	26.0	12.0	83.0	**-3614A**
16.00	32.0	16.0	92.0	**-3616A**
18.00	32.0	16.0	92.0	**-3618A**
20.00	38.0	20.0	104.0	**-3620A**

SWISS+TECH HSS-Co 8% Weldon Shank End Mills 4 & 6 Flute

HSS-Co 8% TiCN TiALN

Centre cutting. Weldon shank to **DIN 1835B**.
Shank cutting diameter
3 - 6mm to +0.04 -0.0.
8 - 20mm to +0.05 -0.0.

HSS-Co 8% Uncoated For general production machining.

HSS-Co 8% TiCN Coated Extends cutter tool life and improves work material surface finish.

HSS-Co 8% TiALN Coated Dissipates and resists heat, reduces surface friction coupled with high surface hardness.

Series 09
Regular Series Dimensions to **DIN 844**

Diameter (mm)	Flute Length	Shank Diameter	Overall Length	No. of Flutes	EMH-4WR HSS-Co 8% Order Code SWT-163	EMN-4WR TiCN Coated Order Code SWT-163	EML-4WR TiALN Coated Order Code SWT-163
2.00	7.0	6.0	51.0	4	**-0902A**	-	**-0962A**
3.00	8.0	6.0	52.0	4	-	**-0933A**	**-0963A**
4.00	11.0	6.0	55.0	4	-	**-0934A**	**-0964A**
5.00	13.0	6.0	57.0	4	-	-	**-0965A**
6.00	13.0	6.0	57.0	4	-	**-0936A**	**-0966A**
8.00	19.0	10.0	69.0	4	-	**-0938A**	**-0968A**
10.00	22.0	10.0	72.0	4	-	**-0940A**	**-0970A**
12.00	26.0	12.0	83.0	4	-	**-0942A**	**-0972A**
14.00	26.0	12.0	83.0	4	-	**-0944A**	**-0974A**
16.00	32.0	16.0	92.0	4	-	**-0946A**	**-0976A**
18.00	32.0	16.0	92.0	4	-	-	**-0978A**
20.00	38.0	20.0	104.0	4	-	-	**-0980A**
25.00	45.0	20.0	121.0	4	-	**-0955A**	-

SWISS+TECH

Carbide Q-Coat Cutters Coated

Q-Coat has been specifically developed to give carbide cutters the 'edge' when faced with severe machining conditions.

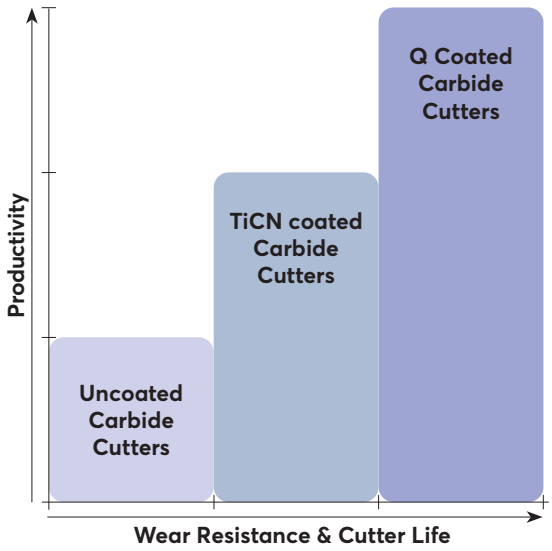
- **Materials up to 66HRC.**
- **Dry Cutting.**
- **Die and Mould Machining**
- **Improved Productivity.**
- **Reduced coolant usage and disposal.**
- **Up to 100% longer cutter life.**
- **Reduced manufacturing costs.**

A multi-layer coating capable of operating at higher speed and feed.

- **Excellent oxidisation resistance.**
- **High speed machining.**
- **Surface hardness 3300HV.**
- **Surface coefficient against steel 0.25.**
- **Thickness of coating 3 - 5µm.**
- **Maximum working temperature 850°C.**
- **Re-coating service also available.**

A Step Beyond Carbide . . .

For Extreme Conditions - High Cutting Speeds



Die & Mould Shank Milling Cutters

See our range

Scan the QR code

SWISS+TECH

Carbide Plain Shank End Mills 4 Flute

Centre cutting.
To **Manufacturers Standards**. Cutting diameter to **h10**.
Shank diameter to **h6**.
EMQ-4PS/L Carbide Q-Coat.

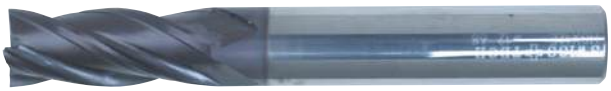
Series 66 Short Series Dimensions to **DIN 844**

Diameter (mm)	Flute Length	Overall Length	Shank Diameter	RHH-3WR HSS-Co 8% Order Code SWT-165
2.00	6.0	40.0	4.0	**-6602A**
3.00	8.0	45.0	6.0	**-6603A**
4.00	10.0	45.0	6.0	**-6604A**
5.00	13.0	50.0	6.0	**-6605A**
6.00	13.0	50.0	6.0	**-6606A**
7.00	16.0	60.0	8.0	**-6607A**
8.00	19.0	60.0	8.0	**-6608A**
10.00	22.0	70.0	10.0	**-6610A**
11.00	22.0	75.0	12.0	**-6611A**
12.00	26.0	75.0	12.0	**-6612A**
16.00	32.0	100.0	16.0	**-6616A**
20.00	38.0	105.0	20.0	**-6620A**

SWISS+TECH

Carbide Plain Shank End Mills 4 Flute

Centre cutting. To **Manufacturers Standards**.
Cutting diameter to **h10**. Shank diameter to **h6**.
EMQ-4PS/L Carbide Q-Coat.



Series 68 Long Series Dimensions to **DIN 844**

Diameter (mm)	Flute Length	Overall Length	Shank Diameter	EMQ-4PL Carbide Q-Coat Order Code SWT-165
3.00	12.0	50.0	6.0	**-6803A**
4.00	15.0	50.0	6.0	**-6804A**
5.00	20.0	60.0	6.0	**-6805A**
6.00	20.0	60.0	6.0	**-6806A**
8.00	25.0	70.0	8.0	**-6808A**
10.00	30.0	90.0	10.0	**-6810A**
12.00	30.0	90.0	12.0	**-6812A**

SWISS+TECH HSS-E PM Coarse Pitch Ripper Peak Power Set

Weldon Shank - 5 Piece Set

HSS-E PM

PEAK POWER

Centre cutting.
To **Manufacturers Standards.**
Weldon shank to **DIN 1835B.**
Shank diameter to **h6.**
Dimensions to **DIN 844.**

Contents:
8, 10, 12, 16 and 20mm.

5 PIECES

Series 99

Number of Pieces	Contents	Order Code SWT-165
5	8, 10, 12, 16 and 20mm.	-9950A

SWISS+TECH HSS-E PM High Helix Fine Pitch Ripper Peak Power Set

Weldon Shank - 6 Piece Set

HSS-E PM

PEAK POWER

Centre cutting.
To **Manufacturers Standards.**
Weldon shank to **DIN 1835B.**
Shank diameter to **h6.**
Dimensions to **DIN 844.**

Contents:
5, 6, 8, 10,
12 and 16mm.

6 PIECES

Series 98

Number of Pieces	Contents	Order Code SWT-165
6	5, 6, 8, 10, 12 and 16m	-9850A

SWISS+TECH HSS-E PM 2 Flute Slot Drill Peak Power Set

Weldon Shank - 7 Piece Set

HSS-E PM

PEAK POWER

Centre cutting.
To **Manufacturers Standards.**
Weldon shank to
DIN 1835B.
Shank diameter to **h6.**
Dimensions to
DIN 844.

Contents:
3, 4, 5, 6, 8,
10 and 12mm.

7 PIECES

Series 91

Number of Pieces	Contents	Order Code SWT-165
7	3, 4, 5, 6, 8, 10, & 12mm	-9150A

SWISS+TECH HSS-E PM 2 Flute Ball Nose Slot Drill Peak Power Set

Weldon Shank - 7 Piece Set

HSS-E PM

PEAK POWER

Centre cutting.
To **Manufacturers Standards.**
Weldon shank to **DIN 1835B.**
Shank diameter to **h6.**
Dimensions to
DIN 844.

Contents: 3, 4, 5, 6,
8, 10 and 12mm.

7 PIECES

Series 97

Number of Pieces	Contents	Order Code SWT-165
7	3, 4, 5, 6, 8, 10 & 12mm	-9750A

SWISS+TECH HSS 'Blue Ring' Taps

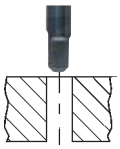
Manufactured to **DIN 371/376**

Suitable for the following Material Groups

Group	Materials	Brinell Hardness HB	Tensile Strength N/mm²	TappingSpeed M/min
2.1	Soft and generally easy to machine ferritic & martensitic stainless steel and castings	up to 230	up to 800	4 - 6
2.2	Medium strength & reasonable to machine austenitic stainless steel and castings	up to 290	up to 1000	4 - 6
2.3	Hard & generally difficult to machine ferritic & austenitic stainless steel & castings	up to 340	up to 1200	3 - 6

Note: Fluteless taps may also be used on stainless steel. See 'Green Ring' **FLUTELESS** on page 185.

Spiral Point/Gun Nose - HSS-EV Oxidised Finish
For through holes.
Taper lead to **DIN form B** (3.5 x P to 5.5 x P).
Tapping tolerance to **6HX**.



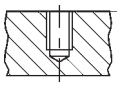
HSS-EV

SPIRAL POINT FOR THROUGH HOLES

ISO Metric Coarse

Size - Pitch (mm)	Overall Length	Thread Length	Shank Dia.	A/F Square	Order Code SWT-185
M2.0 x 0.40	45.0	8.0	2.8	2.1	**-2003B**
M3.0 x 0.50	56.0	11.0	3.5	2.7	**-2009B**
M4.0 x 0.70	63.0	13.0	4.5	3.4	**-2015B**
M5.0 x 0.80	70.0	15.0	6.0	4.9	**-2018B**
M6.0 x 1.00	80.0	17.0	6.0	4.9	**-2021B**
M8.0 x 1.25	90.0	20.0	8.0	6.0	**-2027B**
M10.0 x 1.50	100.0	22.0	10.0	8.0	**-2030B**
M12.0 x 1.75	110.0	24.0	9.0	7.0	**-2033B**
M16.0 x 2.00	110.0	27.0	12.0	9.0	**-2039B**

Spiral Flute (BLT) - HSS-EV Oxidised Finish
For deep blind holes.
Taper lead to **DIN form C** (2 x P to 3 x P).
Tapping tolerance to **6H**.



DIN 371/6

SPIRAL FLUTE FOR BLIND HOLES

HSS-EV

'Biteless Taper' ISO Metric Coarse - Helix angle 45°

Size - Pitch (mm)	Overall Length	Thread Length	Shank Dia.	A/F Square	Order Code SWT-185
M2.0 x 0.40	45.0	8.0	2.8	2.1	**-2503B**
M3.0 x 0.50	56.0	6.0	3.5	2.7	**-2509B**
M4.0 x 0.70	63.0	7.0	4.5	3.4	**-2515B**
M5.0 x 0.80	70.0	8.0	6.0	4.9	**-2518B**
M6.0 x 1.00	80.0	11.0	6.0	4.9	**-2521B**
M8.0 x 1.25	90.0	13.0	8.0	6.2	**-2527B**
M10.0 x 1.50	100.0	15.0	10.0	8.0	**-2530B**
M12.0 x 1.75	110.0	18.0	9.0	7.0	**-2533B**
M16.0 x 2.00	110.0	20.0	12.0	9.0	**-2539B**

SWISS+TECH HSS 'Yellow Ring'Taps

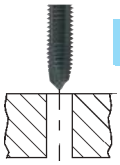
Manufactured to **DIN 371/376**
Suitable for the following Material Groups

DIN 371/6

Group	Materials	Brinell Hardness HB	Tensile Strength N/mm²	Tapping Speed M/min
1.1	Mild soft steel & free machining non-alloy low carbon steel	up to 130	up to 400	10 - 20
1.2	Non-alloy case hardening, structural & low to medium carbon steel	up to 200	up to 700	10 - 15
1.3	Non-alloy, plain and medium carbon steel and castings	up to 260	up to 850	5 - 10

Group	Materials	Brinell Hardness HB	Tensile Strength N/mm²	Tapping Speed M/min
1.4	Generally low to medium alloy steel and castings	up to 260	up to 850	4 - 9
2.1	Soft & generally easy to machine ferritic, martensitic stainless steel & castings	up to 230	up to 880	4 - 6
6.3	Brass (beta - short chip) & soft bronze	-	up to 500	15 - 20

Spiral Point/Gun Nose - HSS-EV Oxidised Finish
For through holes.
Taper lead to **DIN form B**.
(3.5 x P to 5.5 x P).
Tapping tolerance to **6H**.



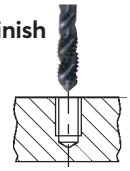
HSS-EV

SPIRAL POINT FOR THROUGH HOLES

ISO Metric Coarse

Size - Pitch (mm)	Overall Length	Thread Length	Shank Dia.	A/F Square	Order Code SWT-185
M2.0 x 0.40	45.0	8.0	2.8	2.1	**-0003Y**
M3.0 x 0.50	56.0	11.0	3.5	2.7	**-0009Y**
M4.0 x 0.70	63.0	13.0	4.5	3.4	**-0015Y**
M5.0 x 0.80	70.0	15.0	6.0	4.9	**-0018Y**
M6.0 x 1.00	80.0	17.0	6.0	4.9	**-0021Y**
M8.0 x 1.25	90.0	20.0	8.0	6.0	**-0027Y**
M10.0 x 1.50	100.0	22.0	10.0	8.0	**-0030Y**
M12.0 x 1.75	110.0	24.0	9.0	7.0	**-0033Y**
M16.0 x 2.00	110.0	27.0	12.0	9.0	**-0039Y**

Spiral Flute - HSS-EV Oxidised Finish
For blind holes.
Taper lead to **DIN form C** (3 x P).
Tapping tolerance:
Spiral flute to **6H**.



HSS-EV

SPIRAL FLUTE FOR BLIND HOLES

ISO Metric Coarse - Helix angle 40°. Tapping depth **2.5 x D.**

Size - Pitch (mm)	Overall Length	Thread Length	Shank Dia.	A/F Square	Order Code SWT-185
M2.0 x 0.40	45.0	8.0	2.8	2.1	**-0503Y**
M3.0 x 0.50	56.0	6.0	3.5	2.7	**-0509Y**
M4.0 x 0.70	63.0	7.0	4.5	3.4	**-0515Y**
M5.0 x 0.80	70.0	8.0	6.0	4.9	**-0518Y**
M6.0 x 1.00	80.0	10.0	6.0	4.9	**-0521Y**
M8.0 x 1.25	90.0	13.0	8.0	6.2	**-0527Y**
M10.0 x 1.50	100.0	15.0	10.0	8.0	**-0530Y**
M12.0 x 1.75	110.0	18.0	9.0	7.0	**-0533Y**
M16.0 x 2.00	110.0	20.0	12.0	9.0	**-0539Y**

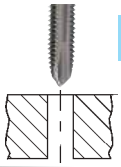
SWISS+TECH HSS 'Red Ring' Taps

Manufactured to **DIN 371/376**

Suitable for the following Material Groups

Group	Materials	Brinell Hardness HB	Tensile Strength N/mm²	Tapping Speed M/min
1.4	Generally low to medium alloy steel and castings	up to 260	up to 850	5 - 10
1.5	Medium to high alloy steel tool steel and steel castings	up to 340	up to 1200	4 - 8

Spiral Point/Gun Nose - HSS-Co Bright Finish
For through holes.
Taper lead to **DIN form B** (3.5 x P to 5.5 x P).
Tapping tolerance to **6HX**.



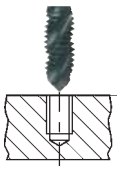
HSS-Co

SPIRAL POINT FOR THROUGH HOLES

ISO Metric Coarse

Size - Pitch (mm)	Overall Length	Thread Length	Shank Dia.	A/F Square	Order Code SWT-185
M2.0 x 0.40	45.0	8.0	2.8	2.1	**-1003R**
M3.0 x 0.50	56.0	11.0	3.5	2.7	**-1009R**
M4.0 x 0.70	63.0	13.0	4.5	3.4	**-1015R**
M5.0 x 0.80	70.0	15.0	6.0	4.9	**-1018R**
M6.0 x 1.00	80.0	17.0	6.0	4.9	**-1021R**
M8.0 x 1.25	90.0	20.0	8.0	6.2	**-1027R**
M10.0 x 1.50	100.0	22.0	10.0	8.0	**-1030R**
M12.0 x 1.75	110.0	24.0	9.0	7.0	**-1033R**
M16.0 x 2.00	110.0	27.0	12.0	9.0	**-1039R**

Spiral Flute - HSS-EV Oxidised Finish
For blind holes.
Taper lead to **DIN form C** (3 x P).
Tapping tolerance:
spiral flute to **6H**.



HSS-EV

SPIRAL FLUTE FOR BLIND HOLES

ISO Metric Coarse Helix angle 40°. Tapping depth 2.5 x D.

Size - Pitch (mm)	Overall Length	Thread Length	Shank Dia.	A/F Square	Order Code SWT-185
M4.0 x 0.70	63.0	7.0	4.5	3.4	**-1515R**
M5.0 x 0.80	70.0	8.0	6.0	4.9	**-1518R**
M6.0 x 1.00	80.0	10.0	6.0	4.9	**-1521R**
M8.0 x 1.25	90.0	13.0	8.0	6.2	**-1527R**
M10.0 x 1.50	100.0	15.0	10.0	8.0	**-1530R**
M16.0 x 2.00	110.0	20.0	12.0	9.0	**-1539R**

SWISS+TECH HSS 'Green Ring' Taps

DIN 371/6

HSS-EV FLUTELESS

Manufactured to **DIN 371/376**

Suitable for the following Material Groups

Group	Materials	Brinell Hardness HB	Tensile Strength N/mm²	Tapping Speed M/min
7.1	Unalloyed aluminium, magnesium and zinc	-	up to 150	20 - 30
7.2	Aluminium alloy less than 5% silicon magnesium & zinc alloys (long chip)	-	up to 1200	20 - 30

Group	Materials	Brinell Hardness HB	Tensile Strength N/mm²	Tapping Speed M/min
7.3	Aluminium alloy 5% to 10% silicon	-	up to 500	15 - 20
7.4	Aluminium alloy 5% to 10% silicon	-	up to 500	15 - 20

Spiral Point/Gun Nose - HSS-EV Nitride Finish

SPIRAL POINT FOR THROUGH HOLES

For through holes. Taper lead to **DIN form B** (3.5 x P to 5.5 x P).
Tapping tolerance to **6HX**.

METRIC COARSE

ISO Metric Coarse

Size - Pitch (mm)	Overall Length	Thread Length	Shank Dia.	A/F Square	Order Code SWT-185
M3.0 x 0.50	56.0	11.0	3.5	2.7	**-6509G**
M4.0 x 0.70	63.0	13.0	4.5	3.4	**-6515G**
M5.0 x 0.80	70.0	16.0	6.0	4.9	**-6518G**
M6.0 x 1.00	80.0	19.0	6.0	4.9	**-6521G**
M8.0 x 1.25	90.0	22.0	8.0	6.2	**-6527G**
M10.0 x 1.50	100.0	24.0	10.0	8.0	**-6530G**
M12.0 x 1.75	110.0	29.0	9.0	7.0	**-6533G**

Spiral Flute - HSS-EV Nitride Finish

SPIRAL POINT FOR THROUGH HOLES

For blind holes. Taper lead to **DIN form C** (2 x P to 3 x P). Tapping tolerance to **6H**.

METRIC COARSE

ISO Metric Coarse Helix angle 45°. Tapping depth 2.5 x D.

Size - Pitch (mm)	Overall Length	Thread Length	Shank Dia.	A/F Square	Order Code SWT-185
M2.5 x 0.45	50.0	9.0	2.8	2.1	**-7006G**
M3.0 x 0.50	56.0	11.0	3.5	2.7	**-7009G**
M4.0 x 0.70	63.0	13.0	4.5	3.4	**-7015G**
M5.0 x 0.80	70.0	16.0	6.0	4.9	**-7018G**
M6.0 x 1.00	80.0	19.0	6.0	4.9	**-7021G**
M8.0 x 1.25	90.0	22.0	8.0	6.2	**-7027G**
M10.0 x 1.50	100.0	24.0	10.0	8.0	**-7030G**
M12.0 x 1.75	110.0	29.0	9.0	7.0	**-7033G**

SWISS+TECH HSS 'Green Ring' Fluteless Taps

HSS-EV FLUTELESS

Lubrication grooves are a feature of all taps of M3.0 and over. Manufactured to **DIN 371/376**.

Suitable for the following Material Groups

Group	Materials	Brinell Hardness HB	Tensile Strength N/mm²	Tapping Speed M/min
6.1	Copper	-	up to 500	8 - 12
6.2	Brass (alpha - long chip)	-	up to 800	15 - 20

Group	Materials	Brinell Hardness HB	Tensile Strength N/mm²	Tapping Speed M/min
7.1	Unalloyed aluminium, magnesium and zinc	-	up to 150	20 - 30
7.2	Aluminium alloy less than 5% silicon magnesium & zinc alloys (long chip)	-	up to 1200	20 - 30

Fluteless - HSS-EV Bright Finish

FLUTELESS FOR THROUGH AND BLIND HOLES

For through and blind holes.
Taper lead to **DIN form B**
(3.5 x P to 5.5 x P). Tapping tolerance to **6H**.

METRIC COARSE

ISO Metric Coarse

Size - Pitch (mm)	Overall Length	Thread Length	Shank Dia.	A/F Square	Order Code SWT-185
M2.0 x 0.40	45.0	8.0	2.8	2.1	**-7503G**
M3.0 x 0.50	56.0	11.0	3.5	2.7	**-7509G**
M4.0 x 0.70	63.0	13.0	4.5	3.4	**-7515G**
M5.0 x 0.80	70.0	15.0	6.0	4.9	**-7518G**
M6.0 x 1.00	80.0	17.0	6.0	4.9	**-7521G**
M8.0 x 1.25	90.0	20.0	8.0	6.2	**-7527G**

Fluteless - HSS-EV (TiN Coated)

FLUTELESS FOR THROUGH AND BLIND HOLES

For through and blind holes.
Taper lead to **DIN form B**
(3.5 x P to 5.5 x P). Tapping tolerance to **6H**.

METRIC COARSE

ISO Metric Coarse

Size - Pitch (mm)	Overall Length	Thread Length	Shank Dia.	A/F Square	Order Code SWT-185
M3.0 x 0.50	56.0	11.0	3.5	2.7	**-8009G**
M4.0 x 0.70	63.0	13.0	4.5	3.4	**-8015G**
M5.0 x 0.80	70.0	15.0	6.0	4.9	**-8018G**
M6.0 x 1.00	80.0	17.0	6.0	4.9	**-8021G**
M8.0 x 1.25	90.0	20.0	8.0	6.2	**-8027G**
M10.0 x 1.50	100.0	22.0	10.0	8.0	**-8030G**

Machine Taps

See our range

Scan the QR code

SWISS+TECH HSS-E 'Black Ring' Taps

MULTI APPLICATION

The tool geometry (with up to 138 parameters) has been developed and optimised during long-term tests in co-operation with users for the different sections of structural steel, aluminum casting, machining steel, VA steels, heat-resistant steels and tool steels. Selected hard coatings increase the range of applications. The objective of developing Swiss+Tech's 'Black Ring' Taps was the realisation of narrower tolerances and more efficient cutting times for the thread production.
The unique general purpose properties of these taps guarantee high productivity by reducing the amount of time spent changing taps for different materials and at the same time reduces the number of taps required by the machine shop.
Swiss+Tech 'Black Ring' machine taps with their wide range of applications are the result of years of experience in metal cutting. Responsible for our developments were the following demands from our main customers:

- Increase of a tap's versatility.
- Reducing the confusing type variety.
- Reducing the storage costs for the tools.
- Reducing the tool changing times.

For general tapping applications. For production tapping of specific materials a specia tap may be more suitable.
Manufactured to **DIN 371/376.**

Suitable for the following Material Groups

Group	Materials Colour defines similar machineability	Hardness Brinell HB	Hardness Rockwell HRC	Tensile Strength N/mm²	Tapping M/min
1.1	Mild Steel	<130	-	<400	10 - 15
1.2	Case Hardening & Structural Steel	<200	-	<700	10 - 15
1.3	Medium Carbon Steel	<260	<26	<850	5 - 10
1.4	Low Alloy Steel	<260	<26	<850	4 - 8
2.1	Free Machining Stainless	<230	<20	<800	2 - 5
2.2	Medium Strength Austenitic Stainless	<260	<26	<850	2 - 5
7.1	Unalloyed Aluminium Zinc - Magnesium	-	-	<150	15 - 20
7.2	Aluminium Alloy less than 5% Si	-	-	150 - 300	15 - 20
7.3	Aluminium Alloy 5% to 10% Si	<230	<20	<800	5 - 10

Spiral Point/Gun Nose - HSS-E Bright Finish

SPIRAL POINT FOR THROUGH HOLES | HSS-E

For through holes.
Taper lead to **DIN form B**. Tapping tolerance to **6H**.

Spiral point 'Eminent' chamfer form B through holes all round **ISO 2 (6H)**

ISO Metric — METRIC

Size - Pitch (mm)	(d2) Shank Dia.	A/F Square	(l1) Overall Length	(l2) Thread Length	Order Code SWT-185
M3 x 0.50	3.5	2.7	56	10	**-8509X**
M4 x 0.70	4.5	3.4	63	12	**-8515X**
M5 x 0.80	6.0	4.9	70	14	**-8518X**
M6 x 1.00	6.0	4.9	80	16	**-8521X**
M8 x 1.25	8.0	6.2	90	17	**-8527X**
M10 x 1.50	10.0	8.0	100	20	**-8530X**
M12 x 1.75	9.0	7.0	110	24	**-8533X**
M16 x 2.00	12.0	9.0	110	26	**-8539X**
M20 x 2.50	16.0	12.0	140	32	**-8542X**

Spiral Flute

SPIRAL FLUTE FOR BLIND HOLES | HSS-E

For blind holes.
Taper lead to **DIN form C**.
Tapping tolerance to **6H**.

RH spiral flutes 40° 'Supra Extra' chamfer form C blind holes <1,5 d all round **ISO 2 (6H)**

ISO Metric — METRIC

Size - Pitch (mm)	(d2) Shank Dia.	A/F Square	(l1) Overall Length	(l2) Thread Length	Order Code SWT-185
M3 x 0.50	3.5	2.7	56	6.0	**-8559X**
M4 x 0.70	4.5	3.4	63	7.5	**-8565X**
M5 x 0.80	6.0	4.9	70	8.5	**-8568X**
M6 x 1.00	6.0	4.9	80	11.0	**-8571X**
M8 x 1.25	8.0	6.2	90	14.0	**-8577X**
M10 x 1.50	10.0	8.0	100	16.0	**-8580X**
M12 x 1.75	9.0	7.0	110	18.5	**-8583X**
M16 x 2.00	12.0	9.0	110	20.0	**-8589X**
M20 x 2.50	16.0	12.0	140	25.0	**-8592X**

SWISS+TECH

SPIRAL POINT FOR THROUGH HOLES | HSS-E

Spiral Point/Long Series

For blind holes.
Taper lead to **DIN 13 form B**
(with gun nose chamber lead 4/5 thread)
Tapping tolerance to **6H**.
Thread angle 60°

METRIC

ISO Metric

Size - Pitch (mm)	(d2) Shank Dia.	A/F Square	(l1) Overall Length	(l2) Thread Length	Order Code SWT-185
M8 x 1.25	6.0	4.9	180	20.0	**-9808X**
M10 x 1.50	7.0	5.5	200	22.0	**-9810X**
M12 x 1.75	9.0	7.0	220	24.0	**-9812X**

SWISS+TECH HSS-E 'Black Ring' M3 - M8 5 Piece Tap Sets

'Black Ring' machine taps for general tapping applications suitable for steels, low alloy steels, stainless steels and non-ferrous materials.

Manufactured to **DIN371/376**.
Tapping tolerance to **6H**.

-9900X

M3 - M8 Spiral Point/Gun Nose
Spiral Point/Gun Nose - HSS-E Bright Finish
For through holes. Taper lead to **DIN form B**.

M3 - M8 Spiral Flute
Spiral Flute - HSS-E Bright Finish
For blind holes. Taper lead to **DIN form C**.

Contents for each set:

Pitch sizes	Thread length
M3 x 0.5mm	2.5mm
M4 x 0.7mm	3.3mm
M5 x 0.8mm	4.2mm
M6 x 1.0mm	5.0mm
M8 x 1.25mm	6.8mm

5 PIECES

-9910X

Type	Number of Pieces	Order Code SWT-185
Spiral Point	5	**-9900X**
Spiral Flute	5	**-9910X**

Abrasives, Air Tools & Accessories

Keeping Industry Working™

Product Groups

200 - 295

Contents

Description	Group	Page
COATED ABRASIVES		
Discs for Angle Grinders & Sanders		
Sanding discs - Fibre backed	202	**111**
Sanding discs - Hook-N-Loop backed	203	**111**
Flap discs	220	**121**
Backing pads & spanners	280	**153**
Belts		
Sanding belts	204	**112**
Cartridge Rolls	205	**115**
Hand Pads		
Fibre abrasives	245	**124**
Sheets		
Abrasive sheets & coils	200	**110**
Spirabands		
Sanding bands	205	**113**
Sponge		
Abrasive coated sponges	201	**110**
Wheels		
Flap wheels	220	**122**
Fibre abrasives	245	**124**
BONDED ABRASIVES		
Cutting Off & Grinding Discs	230	**123**
Mounted Points	250	**127 - 128**
Sharpening Stones		
Oil Stones	255	**129 - 130**
POLISHING		
Polishing & Lapping	247	**126**

Description	Group	Page
AIR & POWER TOOLS		
Airline Fittings	259	**134 - 135**
Air Preparation	259/280	**135, 156**
Bench & Floor Tools	277	**151**
Blow Guns	259	**132**
Balancers	280	**131**
Chisels	289	**157**
Core Drills	280	**152**
Drills	270	**137 - 138**
Engraver	279	**152**
Grinders	270	**139 - 142**
Hammers	270	**144**
Heat Guns	279	**152**
Hoses	258	**131**
Multi-Tools Accessories	279	**152**
Multi-Tooth Drilling Cutters	288	**157**
Nibblers, Saws & Shears	270	**143**
Pneumatic Fittings	291	**136**
Ratchets	270	**148**
Riveters	270	**145**
Sanders	270	**145 - 146**
Screwdrivers	270	**147**
Spray Guns	259	**133**
Tyre Inflators & Gauges	259	**134**
Wire Wheels & Brushes	295	**158 - 159**
Wrenches	270	**149 - 150**
DEBURRING		
Carbide Burrs	210	**116 - 120**
Diamond Burrs	210	**120**

Abrasives selection guide

The abrasive selection guide below is designed to help you select the right abrasive for the application with the right tool. Further information can be found on the product page to help you choose the best abrasive for your requirements.

	Tool								
	Right Angle Grinder	File Belt Sander	Linear Finishing Machine	Back-stand Machine	Random Orbital Sander	Die Grinder	Angle Die Grinder	Skill Saw	Polisher
Cutting	✓							✓	
Deburring	✓	✓		✓		✓	✓		
Weld grinding and stock removal	✓	✓		✓		✓	✓		
Edge preparation/ bevelling	✓	✓		✓					
Refining	✓	✓	✓	✓	✓	✓			
Cleaning	✓	✓	✓	✓					✓
Surface preparation	✓	✓	✓	✓	✓	✓	✓		✓
Blending/satin finishing	✓	✓	✓	✓	✓	✓			
Fine finishing/ pre-polish	✓	✓	✓	✓	✓	✓			✓
Paint denibbing					✓				

What's the difference between a cordless and electric grinder?

Type	Speed	Run time	Power	Performance
Corded grinder	12,000 RPM	Unlimited	Up to 1.9 KW	Depending on your abrasive choice and application, an electric grinder will give you consistent and continuous use and is especially suited for heavy duty applications
Cordless grinder	9,000 RPM	Up to 30 minutes depending on machine model, disc choice and application	8V 4Ah	Choosing the right abrasive and good quality batteries is crucial to getting the most out of your cordless grinder. Using specially recommended abrasive products will help prolong battery life and get the best results in your application.

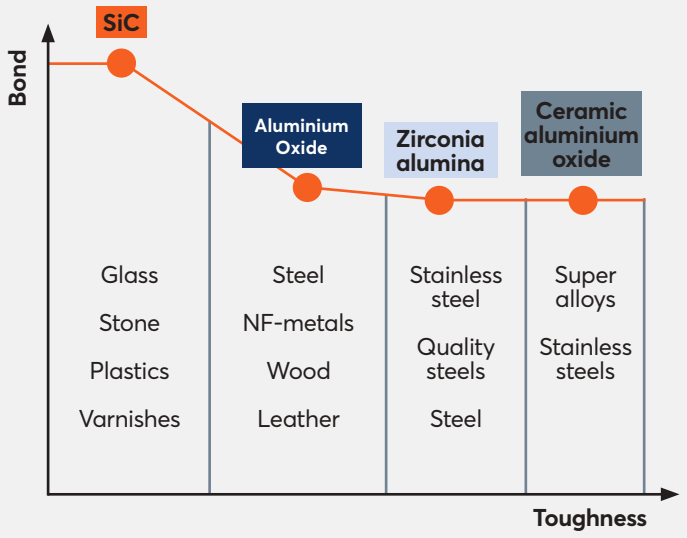
Grit application table

This table shows typical grit grades for each stage of the application process. Grades are insersely proportional to grit size, so fine abrasives are higher grades using smaller types of grit.

Coarse (Grinding) → Fine (Finishing)

Grit or Grade					Extra Coarse	Coarse	Medium	Fine	Very Fine
	24	36	40	50	60	80	120	150-180	180-240
Cutting & Grinding Discs	Cutting								
	Heavy Duty Grinding								
Coated & Non-Woven		Stock Removal							
					Blending & Refining				
					Deburring				
							Surface Preparation & Cleaning		
								Finishing	

Abrasive Grain Type



Grit classification in relation to bond, toughness and their primary applications

Cutting Discs	Known as cutting off, these discs are used to shape the material to the correct dimension in very short cutting time and minimal burr formation.
Grinding Discs & Wheels	With the metal fabrication process grinding discs are used to remove welds and burrs. They offer a good stock removal rate and service life.
Linishing / Sanding Belt	Available in paper and cloth backing. Different sizes to suit portable and static machines.
Fibre Disc	Fast stock removal rate. Best use when material has flat areas or contours to follow.
Flap Disc	Longer abrasive life and versatile. Low vibration than altenative abrasives for stock removal.
Flap Wheels	Suitable for use in hard to reach areas. Adapts well to the work piece due to fan shapes abrasive flaps.
Surface conditioning discs, Belts & spindle mounted	Suitable for removing surface defects and allowing for a paintable finish without defecting the base material.
Rolls and Sheets	Hand sanding allows for the abrasive to be torn to the size and length required and used in hard to reach areas and materials containing complex contours.
Spiral Bands	Suitable for deburring and finishing in hard to reach curvered or contoured areas. Use with drum holder.
Non woven Hand Pads & Rolls	Conforms to the work piece irespective of shape and size. Provides a finish to the product without defecting the matrial.
Sanding Discs	Surface prep and to finish material before paint or weld. Plain discs and hole patterns for dust extraction. To be used with backing pad.
Quick Change Abrasive Discs	To use for grinding, deburring and blending. Flexible in smaller areas and allows for fast tool change.
Mounted Points	Deburring. Mounted points are very small bonded abrasives or superabrasive wheels with a ball, point, cone, cylinder, or bullet shape.
Polishing mops and felt bobs	Enhance the appearance of an item and/or piece of material.

1 Stock removal

Cutting discs

See pages 123

Grinding discs

See pages 123

Finishing/ Sanding belt

See pages 112

Fibre discs

See pages 111

Flap discs

See page 121

Flap wheels

See page 122

Spiral bands

See page 115

Mounted points

See pages 127-128

2 Surface Preparation

Surface conditioning

See page 114

Non-woven hand pads

See pages 125

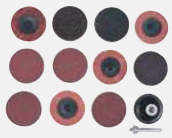
Sanding Discs

See page 111

Sheets & Rolls

See page 110

Quick change discs



See page 114

3 Finishing/Polishing

Felt mops

See pages 155

Polish

See pages 126

Using Abrasives - Safety PPE guide

Hearing protection

Protect your hearing from noise from machinery and tool use.

Eye protection

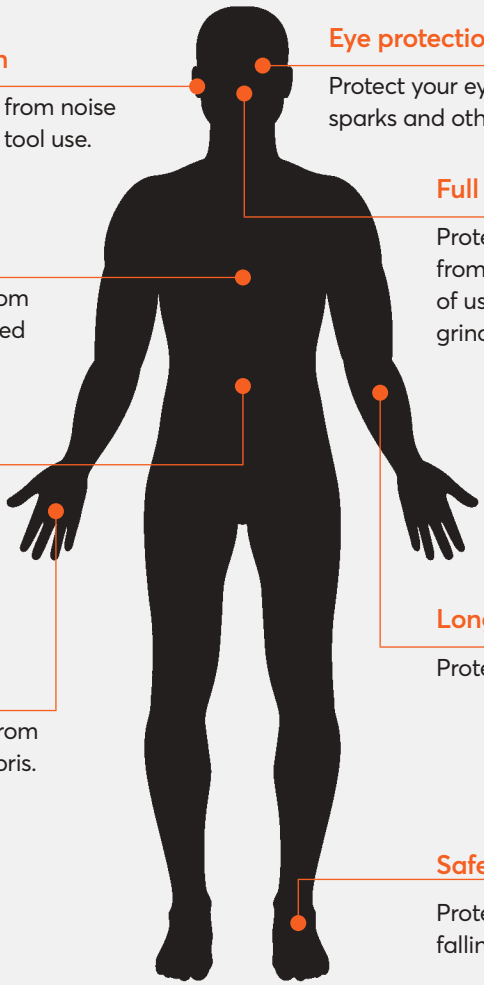
Protect your eyes from from sparks and other airbourne debris.

Respirator

Protect your lungs from fine particles produced using abrasives.

Full face visor

Protect your whole face from the added dangers of using cutting and grinding products.



Apron

Additional protection must be worn to protect operator from sparks created by cutting and grinding products.

Long sleeved clothing

Protect bare skin from airbourne debris.

Hand protection

Protect your hands from sparks and other debris.

Safety footwear

Protect your feet from falling heavy objects.

Cutting & Grinding Disc types

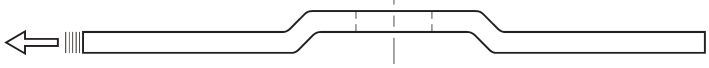
1 Flat

TYPE 41 CUTTING WHEEL

A type 41 cut-off wheel, is completely flat. It is typically considered the most efficient type of wheel for general all-purpose cutting. Because it lacks a depressed centre, it provides more cutting surface and minimizes interference with the workpiece.

The flat profile helps create deep 90-degree cuts into a workpiece. It allows for the maximum depth of a 90-degree cut at the expense of a small amount of visibility for the operator. Though their straight profile and the way they mount close to the guard can diminish visibility for the operator, type 41 cutting wheels are exceptionally useful in grinders, die grinders, high-speed saws, stationary saws, and chop saws.

2 Depressed



TYPE 27 & TYPE 42 CUTTING WHEEL

Instead of being completely flat, a type 27 and type 42 cut-off wheel, has a depressed centre. The depressed centre allows for added clearance when the operator is working at a constrained angle, though it gives the wheel limited cutting ability when working around corners, profiles, or extrusions. The depressed shape allows for a raised hub as well to hold the wheel securely in place.

The profile of a depressed- centre cutting wheel gives the operator a better view of the cut, and it provides the ability to flush-cut because the raised hub means the locking nut can be recessed. Type 27 cutting wheels are designed for right angle grinders.

3 INOX Discs

INOX cut-off discs are an abrasive disc that contains no iron and therefore has the ability to cut both stainless steel and mild steel.

Flap Disc types

1 GRIND AT FLATTER ANGLES 0°-15°

TYPE 27 FLAP DISC

Type 27 flap discs are flat. They typically grind best at shallower angles between 0 and 15 degrees. They are optimal for smooth finishing and blending on flat surfaces, and they can handle slight contours.

2 GRIND AT FLATTER ANGLES 15°-25°

TYPE 29 FLAP DISC

Type 29 flap discs have an angled profile associated with conical flap discs. They are ideal for grinding at angles between 15 and 25 degrees. Their angled design make them ideal for operators looking for aggressive stock removal while also conforming to irregular workpiece surfaces.

ABRASIVES SHEETS, SPONGES & COILS

YORK ABRASIVES Superflex Cloth

Al-Ox

- Superflex Aluminium Oxide is resin bonded over resin on a very flexible J-weight blue twill cloth
- Moisture resistant and electrostatically coated for polishing flat and contoured surfaces of most materials

Grade	Grit	Order Code YRK-200
25mm wide x 50m long		
Coarse	P40	-7896K
	P60	-7894K
	P80	-7892K
Medium	P100	-7890K
	P120	-7888K
	P150	-7886K
	P180	-7884K
Fine	P220	-7882K
	P240	-7880K
	P320	-7878K
38mm wide x 50m long		
Coarse	P60	-7916K
	P80	-7914K
Medium	P100	-7912K
	P120	-7910K
	P150	-7908K
Fine	P220	-7906K
50mm wide x 50m long		
Coarse	P60	-7942K
	P80	-7940K
Medium	P100	-7938K
	P120	-7936K
	P150	-7934K
	P180	-7932K
Fine	P220	-7930K
	P240	-7928K
	P320	-7926K

YORK ABRASIVES Flexible Abrasive Sponges & Pads

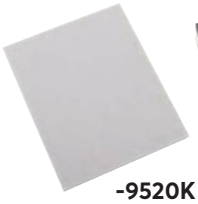
Double Sided

- For general-purpose sanding on wood (**-9000K, -9320K**)
- Suitable for sanding 90°

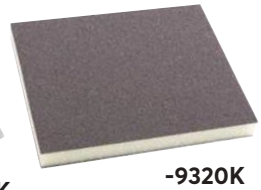
Single Sided

- Single-sided highly flexible abrasive coated sponge pad (**-9520K**)

-9000K



-9520K



-9320K

Abrasive Material	Grade	Length	Width	Depth	Order Code YRK-201
Al-Ox	Fine	96mm	69mm	25mm	-9000K
SiC	Fine	140mm	110mm	5mm	-9520K
	Fine	120mm	98mm	13mm	-9320K

YORK ABRASIVES Wet or Dry Paper Sheets

SiC

280mm x 230mm

- Silicon carbide waterproof-resin bonded to paper
- Suitable for wet and dry production
- Can be used for polishing and finishing
- For use on metals, plastics, paintwork, ceramics etc.
- C weight paper

Grade	Grit	Order Code YRK-200
Coarse	P60	-7410K
	P80	-7420K
Medium	P100	-7430K
	P120	-7440K
	P150	-7450K
	P180	-7460K
Fine	P220	-7470K
	P240	-7480K
	P280	-7490K
	P320	-7500K
	P360	-7510K
Very fine	P400	-7520K
	P500	-7530K
	P600	-7540K
	P800	-7550K
	P1000	-7560K
	P1200	-7570K

Abrasives Sheets

See our range

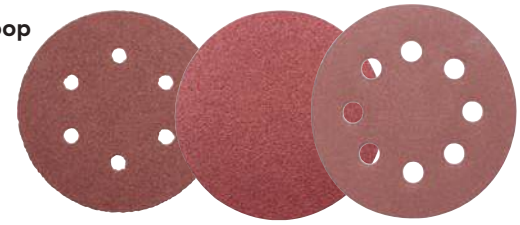
Scan the QR code

Sanding Discs

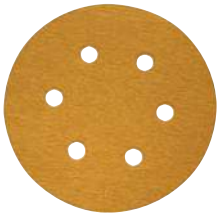
- Can be removed and re-applied and unaffected by dust or moisture
- Aluminium oxide abrasive 'resin-bonded over resin'

Random Orbital Sander

Hook-n-Loop



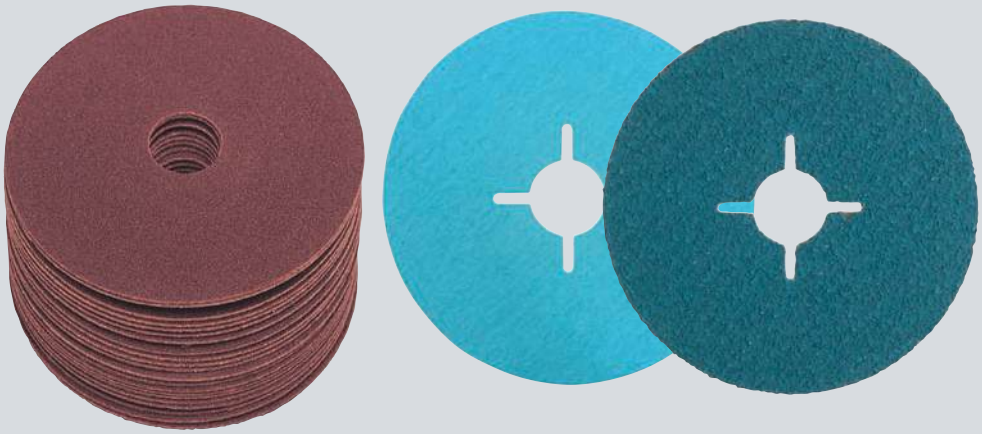
Self Adhesive



Holes	Abrasive Material	Mounting Type	For use on	Diameter	Grade	Grit	Max RPM	Pack Qty	Order Code YRK-203
No Holes	Al-Ox	Hook-n-Loop	Wood Plastic Ceramic	112mm	Coarse	P40	12,000	50	-2712E
				115mm	Medium	P60			-2714J
						P80			-2716L
					Fine	P120			-2720Q
				125mm	Coarse	P40			-2732E
					Medium	P60			-2734J
						P80			-2736L
					Fine	P120			-2740Q
				150mm	Coarse	P40			-2752E
					Medium	P60			-2754J
						P80			-2756L
					Fine	P120			-2760Q
8 Holes	Al-Ox	Hook-n-Loop	Wood Plastic Ceramic	115mm	Medium	P80	12,000	50	-2796L
					Fine	P120			-2800Q
6 Holes	Al-Ox	Hook-n-Loop	Wood Plastic Ceramic	150mm	Coarse	P40	12,000	50	-2832E
					Medium	P60			-2834J
						P80			-2836L
					Fine	P120			-2840Q

Holes	Abrasive Material	Mounting Type	For use on	Diameter	Grade	Grit	Max RPM	Pack Qty	Order Code YRK-202
6 Holes	Al-Ox	Self Adhesive	Wood Plastic Ceramic	150mm	Medium	P60	12,000	50	-6360K
						P80			-6370K
					Fine	P100			-6380K
						P120			-6390K
					Very Fine	P150			-6400K
						P180			-6410K
						P220			-6420K

Sanding Discs



See our range

Scan the QR code

SANDING BELTS

YORK ABRASIVES Sanding & Linishing Belts

Al-Ox

- Poly/cotton backing material
- High cutting performance
- Designed for a wide range of power files
- Suitable for hard wood, low & high carbon steel, stainless steel & non ferrous metals

Priced per 100.
Belts are packed and supplied in multiples of 10.

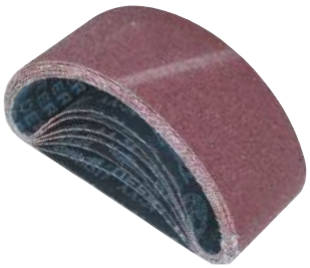
Machine	Width	Length	Grade	Grit	Order Code YRK-204
Mini File Belt Sander	6mm	330mm	Coarse	P36	-4060K
				P60	-4120K
				P80	-4140K
			Medium	P100	-4160K
				P120	-4180K
				P150	-4200K
			Fine	P240	-4240K
		457mm	Medium	P150	-3202K
		610mm	Coarse	P60	-3240K
Mini File Belt Sander	10mm	330mm	Coarse	P40	-3260K
				P50	-3265K
				P60	-3270K
				P80	-3275K
		457mm	Medium	P120	-3282K
				P150	-3301K
Mini File Belt Sander	12mm	420mm	Coarse	P60	-4280K
			Medium	P120	-4300K
			Fine	P240	-4340K
Mini File Belt Sander	13mm	305mm	Coarse	P40	-3302K
				P60	-3304K
				P80	-3306K
			Medium	P120	-3308K
		457mm	Coarse	P36	-3310K
				P40	-3320K
				P60	-3330K
				P80	-3342K
		610mm	Coarse	P36	-4360K
				P40	-4370K
				P50	-4380K
				P60	-4420K
				P80	-4440K
			Medium	P100	-4460K
				P120	-4480K
				P150	-4500K

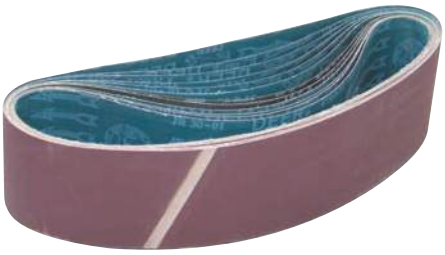
Machine	Width	Length	Grade	Grit	Order Code YRK-204
Mini File Belt Sander	19mm	457mm	Coarse	P80	-3390K
	20mm	457mm	Coarse	P60	-3422K
				P80	-3442K
			Medium	P120	-3450K
		480mm	Coarse	P40	-4660K
				P50	-4670K
				P60	-4680K
		50mm	Coarse	P36	-4860K
				P40	-4870K
				P60	-4920K
				P80	-4940K
			Medium	P100	-4960K
				P120	-4980K
				P150	-5000K
			Fine	P240	-5040K
File Belt Sander	25mm	760mm	Coarse	P36	-5100K
				P60	-5130K
				P80	-5140K
			Medium	P120	-5160K
		1370mm	Medium	P100	-5320K
		1525mm	Coarse	P50	-5420K
File Belt Sander	50mm	1525mm	Coarse	P60	-5920K
		1830mm	Coarse	P40	-6010K
			Medium	P100	-6040K
		2000mm	Coarse	P50	-6150K
File Belt Sander	75mm	2000mm	Medium	P100	-7180K
		2500mm	Coarse	P60	-7260K
	100mm	289mm	Coarse	P60	-7320K
				P80	-7330K
			Medium	P120	-7350K

KENNEDY QUALITY INDUSTRIAL TOOLING Portable Sanding & Linisher Belts

Al-Ox

- Resin bond aluminium oxide sanding belts are designed for industrial applications
- Durability combined with flexibility ensures a long life and first class performance
- Suitable for wood and metal work
- Backing - Poly/cotton





Floor Mounted Belt Sander

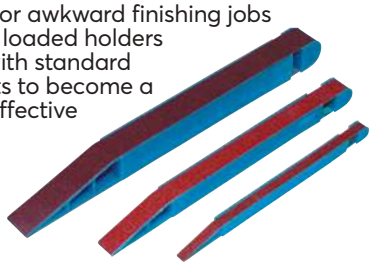
Width	Length	Grade	Grit	Order Code KEN-204
100mm	610mm	Coarse	P24	-0540K
			P36	-0560K
			P40	-0580K
			P50	-0600K
			P60	-0620K
			P80	-0640K
		Medium	P100	-0660K
			P120	-0680K
			P150	-0700K
			P180	-0720K
		Fine	P240	-0760K
			P320	-0780K

Width	Length	Grade	Grit	Order Code KEN-204
100mm	915mm	Coarse	P24	-1040K
			P36	-1060K
			P40	-1080K
			P50	-1100K
			P60	-1120K
			P80	-1140K
		Medium	P100	-1160K
			P120	-1180K
			P150	-1200K
			P180	-1220K
		Fine	P220	-1240K
			P240	-1260K
			P320	-1280K

YORK ABRASIVES Sanding Sticks

Al-Ox

- Ideal tool for awkward finishing jobs
- The spring loaded holders combined with standard sanding belts to become a simple but effective lapping tool
- Belts are suitable for use on wood and metal



Width	Length	Grade	Grit	Order Code YRK-204
6mm	330mm	Coarse	P36	-9060K
12mm	420mm		P60	-9120K
20mm	520mm		P80	-9190K

Sanding Belts

See our range

Scan the QR code

YORK ABRASIVES Sanding Bands

Al-Ox

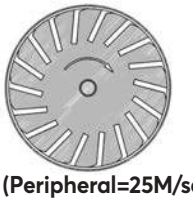
For grinding and finishing edges, profiles, welded joints on most metals
• Spiral wound with tear-resistant backing fabric

Diameter x Width	Grit	Max (rpm)	Order Code YRK-205
10 x 10mm	P60	38,000	-0520K
	P80		-0550K
	P150		-0580K
10 x 20mm	P60	38,000	-0720K
	P80		-0750K
	P150		-0780K
13 x 10mm	P60	30,000	-0920K
	P80		-0950K
	P150		-0980K
13 x 25mm	P60	30,000	-1120K
	P80		-1150K
	P150		-1180K
15 x 10mm	P60	26,000	-1320K
	P80		-1350K
	P150		-1380K
15 x 30mm	P60	26,000	-1520K
	P80		-1550K
	P150		-1580K
19 x 25mm	P60	20,000	-1720K
	P80		-1750K
	P150		-1780K
22 x 20mm	P60	17,000	-1920K
	P80		-1950K
	P150		-1980K
25 x 25mm	P60	15,000	-2120K
	P80		-2150K
	P150		-2180K
30 x 20mm	P60	13,000	-2320K
	P80		-2350K
	P150		-2380K
30 x 30mm	P60	13,000	-2520K
	P80		-2550K
	P150		-2580K
38 x 25mm	P60	10,000	-2720K
	P80		-2750K
	P150		-2780K
45 x 30mm	P60	8,500	-2920K
	P80		-2950K
	P150		-2980K
51 x 25mm	P60	7,500	-3120K
	P80		-3150K
	P150		-3180K
60 x 30mm	P60	6,500	-3320K
	P80		-3350K
	P150		-3380K
75 x 30mm	P60	5,000	-3520K
	P80		-3550K
	P150		-3580K
100 x 40mm	P60	4,000	-3720K
	P80		-3750K
	P150		-3780K

Fitting/Removal Of Bands

Spindle Rotation During Use
(Holder expands)

Band Rotation
(Holder stationary)



Max Operating Speeds (Peripheral=25M/sec)

Band Dia. (mm)	Max. (rpm)
10	47,500
13	36,500
15	31,500
19	25,000
22	21,500
25	19,000
30	15,800
38	12,500
45	10,500
51	9,300
60	7,900
75	6,300
100	4,700

YORK ABRASIVES Sanding Bands Kits

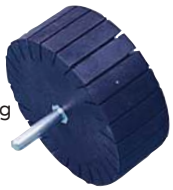
21 Piece Kits

Al-Ox

For grinding and finishing edges, profiles, welded joints on most metals
• Spiral wound with tear-resistant backing fabric

Size (mm)	Contents	Order Code YRK-205
15 x 30	10 x P60 6 x P80 4 x P150 1 x 6mm Shank Holder	-9360K
25 x 25	10 x P60 6 x P80 4 x P150 1 x 6mm Shank Holder	-9320K
51 x 25	10 x P60 6 x P80 4 x P150 1 x 6mm Shank Holder	-9340K

YORK ABRASIVES Drum Holders



Suitable for use with chucks/collets on all portable power and air tools. Self expanding when in use for a secure grip on abrasive sanding bands. All shanks are 6mm, except where marked * which has an 8mm shank.

Diameter x Width	Order Code YRK-205
10 x 20mm	-4130K
13 x 25mm	-4190K
15 x 10mm	-4220K
15 x 30mm	-4250K
19 x 25mm	-4280K
22 x 20mm	-4310K
25 x 25mm	-4340K
30 x 20mm	-4370K
30 x 30mm	-4400K
38 x 25mm	-4430K
45 x 30mm	-4460K
51 x 25mm	-4490K
60 x 30mm	-4520K

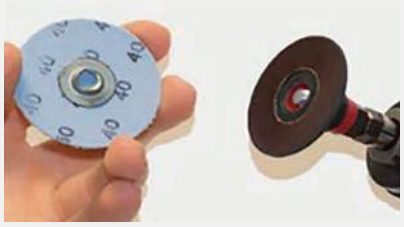
YORK ABRASIVES Hook-N-Loop Backed File Handle

Handle length	File length	Order Code YRK-205
30mm	195mm	-8940K

Sanding Bands

See our range

Scan the QR code



1 Make sure you have the correct holder pad for your disc

2 Put the disc on the holder pad

3 Screw it on the threaded pin

YORK ABRASIVES Surface Preparation

Quick change screw fitting ensures that the disc is always perfectly centred without adhesive, moving parts or centre screw damage to the workpiece. All discs are compatible with 3M Roloc™ system holders.

YORK ABRASIVES Aluminium Oxide Abrasive Discs

For general-purpose use on steel and non-ferrous metals

Angle Die Grinder

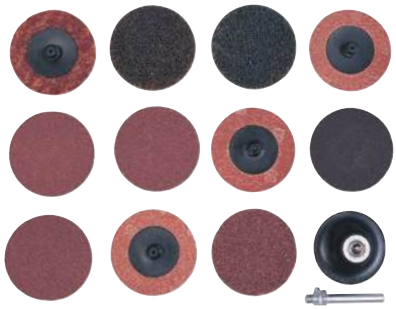
Al-Ox

Diameter	Grit	Order Code YRK-205
25mm	P36	-5010K
	P40	-5020K
	P50	-5030K
	P60	-5040K
	P80	-5050K
	P100	-5060K
	P120	-5070K
	P180	-5080K
38mm	P40	-5120K
	P50	-5130K
	P80	-5150K
	P100	-5160K
	P180	-5180K
50mm	P36	-5210K
	P40	-5220K
	P50	-5230K
	P60	-5240K
	P80	-5250K
	P100	-5260K
	P120	-5270K
	P180	-5280K
75mm	P36	-5310K
	P40	-5320K
	P50	-5330K
	P60	-5340K
	P80	-5350K
	P100	-5360K
	P120	-5370K
	P180	-5380K

YORK ABRASIVES Quick Change Screw Fitting Disc Kits

- Multi-purpose kit containing: one of each surface preparation disc fine, medium and coarse
- Two of each abrasive disc grades P36, P60, P80 and P120
- One 6mm diameter shank to fit the backing pad

Angle Die Grinder

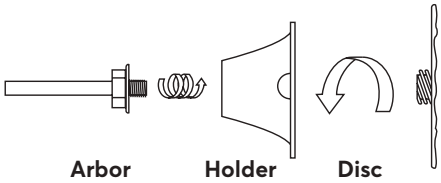


Al-Ox | Ceramic | Zirc

Disc Dia.	Order Code YRK-205
75mm	-9600K

YORK ABRASIVES Screw Fitting Disc Holders

- Rubber holders to suit screw fitting discs
- Supplied complete with 6mm diameter shank



To Suit Disc Size	Order Code YRK-205
38mm	-6820K
50mm	-6830K
75mm	-6840K

YORK ABRASIVES Surface Preparation Discs

- Designed for cleaning and finishing on all metals
- Leaves a burr-free surface ready for painting or coating
- Can also be used for the removal of light rust, oxides and coatings

Angle Die Grinder

Al-Ox

For use	Dia	Grade	Max RPM	Order Code YRK-205
Cleaning and finishing on all metals	50mm	Very Fine	23,000	-6210K
		Medium		-6220K
		Coarse		-6230K
	75mm	Very Fine	18,000	-6310K
		Medium		-6320K
		Coarse		-6330K

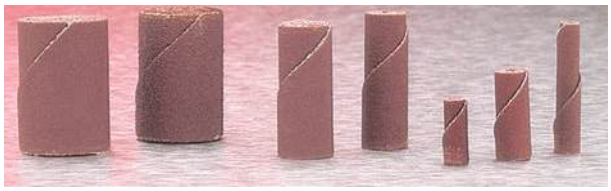
Type R Quick Change Discs

Scan the QR code

York Cartridge Rolls

Al-Ox

Spirally wound aluminium oxide cloth rolls that wear in use constantly exposing new abrasive. Used for weld flash removal, deburring, blending and polishing applications. Available in two types.
A steel mandrel must be used to secure the abrasive to the tool.

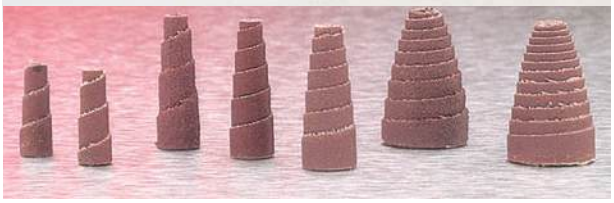


Tip
Your mandrel should be at least 13mm longer than your cartridge roll.

Mandrels

Straight Type Cartridge Roll

Type	Shank Diameter	Length	Grit	Max RPM	Weight per 100	Order Code YRK-205	Type	Order Code YRK-205
CR1	3mm	19mm	P80	22,000	100g	-7010K	CRM1	-7510K
			P120			-7020K		
CR3	6mm	19mm	P80	22,000	150g	-7050K	CRM3	-7530K
CR4	6mm	25mm	P80	22,000	200g	-7070K	CRM4	-7540K
			P120			-7080K		
		38mm	P80			-7250K		
			P120			-7260K		
CR5	9.5mm	25mm	P80	22,000	265g	-7090K		
CR6	9.5mm	38mm	P80	22,000	400g	-7110K	CRM5	-7550K
			P120			-7120K		
CR8	12mm	38mm	P60	22,000	670g	-7150K		
			P80			-7155K		
			P120			-7160K		
CR10	19mm	38mm	P60	10,000	1500g	-7190K	CRM7	-7570K
			P120			-7200K		



Al-Ox

Tip
Your mandrel should be at least 13mm longer than your cartridge roll.

Tapered Type Cartridge Rolls

Tapered for angles, corners and irregular or concave surfaces.

Mandrels

Type	Shank Dia	Length	Grit	Max RPM	Weight per 100	Order Code YRK-205	Type	Order Code YRK-205
CRT1	9.5mm	25mm	P60	22,000	235g	-7310K	CRM4	-7540K
			P120			-7320K		
		38mm	P80	22,000	256g	-7315K		
CRT2	9.5mm	25mm	P60	22,000	270g	-7330K		
CRT3	12mm	38mm	P60	22,000	460g	-7350K	CRM5	-7550K
			P80			-7355K		
			P120			-7360K		

Cartridge Roll Kit

Spirally wound aluminium oxide cloth roll that wears in use, constantly exposing new abrasive. Used for weld flash removal, deburring, blending and polishing applications.

Contents:
Straight type rolls:
6 - 10 x 38mm P80 and P120
4 - 13 x 38mm P80 and P120
12 - 6 x 38mm P80 and P120
16 - 6 x 25mm P80 and P125
6 - 10 x 25mm P80 and P120.

Taper type rolls:
6 - 10 x 38mm P80
6 - 13 x 38mm P80.

Mandrels:
1 - 3 x 25 x 6mm.
1 - 3 x 19 x 6mm.

122 PIECES

Order Code YRK-205
-9800K

CARBIDE BURRS

Carbide Burrs

Cut 3 - Rapid Cut
For use on softer non-ferrous and plastic materials,
i.e. aluminium, fibreglass, plastics, hard rubber and zinc alloy.

Cut 6 - Double Cut
Crosscut and double cut to improve control and chipbreaks.
Manufactured from high grade tungsten carbide for general-purpose use.

Cut 9 - Chipbreaker
Chipbreaker fast stock removal for improved control and reduced chips for use on hard materials,
i.e. steel alloy 50RC, 60RC, carbon and cast iron.

Suitable for deburring and polishing of cast iron, cast steel, carbon steel, alloy steel and stainless steel etc. up to HRC65 hardness.

Please note:
- Workpiece and tools should always be steady and well supported.
- Carbide burrs are not suitable for 'milling' large amounts of material, they are for light stock removal at high rpm's **'LOW FEED - HIGH SPEED'**.
- Always ensure that at least 70% of the shank length is clamped by the collet or chuck of the tool being used.
- Always ensure that the tool is rated to the recommended operating speed of the burr.

List Diameter	Recommended Operating Speeds (rpm)	Surface Speed
3	64,000 - 75,000	600 - 700 m/min
6	32,000 - 38,000	
8	24,000 - 28,000	
10	19,000 - 22,000	
12	16,000 -18,750	
16	12,000 - 14,000	

KENNEDY QUALITY INDUSTRIAL TOOLING Carbide Burrs

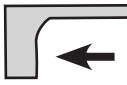
Cylindrical-End Cutting
All sizes are nominal. Sizes marked * are 3mm shank, all others are 6mm shank.

Head Size ∅ x L (mm)	Cut 3 - Rapid Cut Order Code KEN-210	Cut 9 - Chipbreaker Order Code KEN-210
3 x 14*	-	-0080K
6 x 12*	-	-0120K
6 x 18	-	-0160K
8 x 20	-	-0200K
10 x 20	-0220K	-0240K
12 x 20	-	-0280K
12 x 25	-	-0360K

Cylindrical Plain End
All sizes are nominal. Sizes marked * are 3mm shank, all others are 6mm shank.

Head Size ∅ x L (mm)	Cut 3 - Rapid Cut Order Code KEN-210	Cut 9 - Chipbreaker Order Code KEN-210
3 x 14*	-	-0580K
12 x 20	-	-0780K
16 x 25	-	-0900K
19 x 25	-0980K	-

Cylindrical Ball Nosed
All sizes are nominal. Sizes marked * are 3mm shank, all others are 6mm shank.



Head Size ∅ x L (mm)	Cut 3 - Rapid Cut Order Code KEN-210	Cut 9 - Chipbreaker Order Code KEN-210
3 x 12*	-	-1080K
6 x 12*	-	-1120K
6 x 18	-1140K	-1160K
8 x 20	-	-1200K
10 x 20	-	-1240K
12 x 25	-	-1320K

YORK ABRASIVES Carbide Burrs

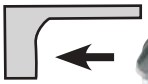
Cylindrical-End Cutting
All sizes are nominal. Sizes marked * are 3mm shank, all others are 6mm shank.

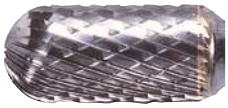
Head Size ∅ x L (mm)	Cut 3 - Rapid Cut Order Code YRK-210	Cut 6 - Double Cut Order Code YRK-210	Cut 9 - Chipbreaker Order Code YRK-210
3 x 12*	-	-	-0129K
3 x 14*	-	-	-0089K
6 x 16	-	-0166K	-0169K
6 x 19	-0143K	-	-
8 x 19	-	-	-0209K
10 x 19	-	-	-0249K
13 x 25	-	-	-0289K
16 x 25	-0383K	-	-0409K

Cylindrical Plain End
All sizes are nominal. Sizes marked * are 3mm shank, all others are 6mm shank.

Head Size ∅ x L (mm)	Cut 3 - Rapid Cut Order Code YRK-210	Cut 6 - Double Cut Order Code YRK-210	Cut 9 - Chipbreaker Order Code YRK-210
3 x 14*	-	-	-0589K
4 x 13*	-	-	-0629K
6 x 13*	-	-0626K	-
6 x 16	-	-	-0669K
6 x 19	-0643K	-	-
8 x 19	-	-	-0709K
10 x 19	-0723K	-	-0749K
13 x 25	-	-	-0789K
16 x 25	-	-	-0909K

Cylindrical Ball Nosed
All sizes are nominal.
Sizes marked * are 3mm shank, all others are 6mm shank.





Head Size ∅ x L (mm)	Cut 3 - Rapid Cut Order Code YRK-210	Cut 6 - Double Cut Order Code YRK-210	Cut 9 - Chipbreaker Order Code YRK-210
3 x 14*	-	-1086K	-1089K
6 x 13*	-	-1126K	-1129K
6 x 16	-	-	-1169K
8 x 19	-	-	-1209K
10 x 19	-	-	-1249K
11 x 25	-	-	-1329K
13 x 25	-	-	-
16 x 25	-	-	-1409K

YORK ABRASIVES Carbide Burrs

Round Tree

All sizes are nominal.
Sizes marked * are 3mm shank, all others are 6mm shank.

Head Size Ø x L (mm)	Cut 9 - Chipbreaker Order Code YRK-210
3 x 13*	-3089K
6 x 16	-3169K
6 x 19	-
10 x 19	-3249K
13 x 25	-3329K

Flame Shape

All sizes are nominal.
Sizes marked * are 3mm shank, all others are 6mm shank.

Head Size Ø x L (mm)	Cut 9 - Chipbreaker Order Code YRK-210
3 x 6*	-2129K
8 x 19	-2169K
13 x 32	-2329K

Pointed Tree

All sizes are nominal.
Sizes marked * are 3mm shank, all others are 6mm shank.

Head Size Ø x L (mm)	Cut 6 - Double Cut Order Code YRK-210	Cut 9 - Chipbreaker Order Code YRK-210
3 x 13*	-	-4129K
6 x 13*	-4166K	-4169K
10 x 19	-	-4249K
13 x 19	-	-4289K
13 x 25	-	-4329K
16 x 25	-	-4409K

Ball Shape

All sizes are nominal.
Sizes marked * are 3mm shank, all others are 6mm shank.

Head Size Ø x L (mm)	Cut 6 - Double Cut Order Code YRK-210	Cut 9 - Chipbreaker Order Code YRK-210
3 x 3*	-	-6089K
5 x 4*	-6126K	-6129K
6 x 5	-	-6169K
8 x 6	-6206K	-6209K
11 x 10	-	-6249K
13 x 11	-6326K	-6329K
16 x 14	-	-6369K

Oval

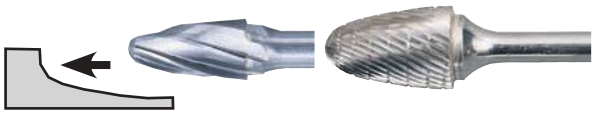
All sizes are nominal.
Sizes marked * are 3mm shank, all others are 6mm shank.

Head Size Ø x L (mm)	Cut 6 - Double Cut Order Code YRK-210	Cut 9 - Chipbreaker Order Code YRK-210
6 x 10*	-5166K	-5169K
10 x 16	-	-5209K
13 x 22	-	-5249K
16 x 25	-	-5329K

KENNEDY QUALITY INDUSTRIAL TOOLING Carbide Burrs

Round Tree

All sizes are nominal. Sizes marked * are 3mm shank, all others are 6mm shank.



Head Size Ø x L (mm)	Cut 3 - Rapid Cut Order Code KEN-210	Cut 9 - Chipbreaker Order Code KEN-210
10 x 20	-3220K	-3240K
12 x 25	-3300K	-3320K
16 x 25	-3380K	-

Flame Shape

All sizes are nominal. Sizes marked * are 3mm shank, all others are 6mm shank.

Head Size Ø x L (mm)	Cut 9 - Chipbreaker Order Code KEN-210
8 x 20	-2160K
12 x 32	-2320K

Pointed Tree

All sizes are nominal. Sizes marked * are 3mm shank, all others are 6mm shank.

Head Size Ø x L (mm)	Cut 9 - Chipbreaker Order Code KEN-210
6 x 12*	-4160K
10 x 20	-4240K

Ball Shape

All sizes are nominal. Sizes marked * are 3mm shank, all others are 6mm shank.

Head Size Ø x L (mm)	Cut 9 - Chipbreaker Order Code KEN-210
4 x 4*	-6120K
6 x 6*	-6160K

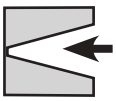
Oval Shape

All sizes are nominal. Sizes marked * are 3mm shank, all others are 6mm shank.

Head Size Ø x L (mm)	Cut 3 - Rapid Cut Order Code KEN-210	Cut 9 - Chipbreaker Order Code KEN-210
6 x 10*	-	-5160K
9.5 x 15	-	-5200K
16 x 25	-5300K	-

KENNEDY QUALITY INDUSTRIAL TOOLING Carbide Burrs Conical

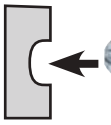
All sizes are nominal. Sizes marked * are 3mm shank, all others are 6mm shank.



Head Size Ø x L (mm)	Cut 9 - Chipbreaker Order Code KEN-210
3 x 11*	-7120K
10 x 20	-7240K
12 x 25	-7320K

Conical 14°

All sizes are nominal. Sizes marked * are 3mm shank, all others are 6mm shank.



Head Size Ø x L (mm)	Cut 3 - Rapid Cut Order Code KEN-210	Cut 9 - Chipbreaker Order Code KEN-210
3 x 11*	-	-8120K
12 x 28	-	-8320K

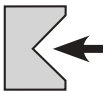
Conical 60° Inc. Angle

All sizes are nominal. Sizes marked * are 3mm shank, all others are 6mm shank.

Head Size Ø x L (mm)	Cut 9 - Chipbreaker Order Code KEN-210
6 x 4	-8620K
16 x 14	-8660K

Conical 90° Inc. Angle

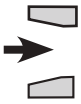
All sizes are nominal. Sizes marked * are 3mm shank, all others are 6mm shank.



Head Size Ø x L (mm)	Cut 9 - Chipbreaker Order Code KEN-210
10 x 4	-8930K

Inverted Cone

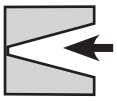
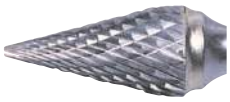
All sizes are nominal. Sizes marked * are 3mm shank, all others are 6mm shank.



Head Size Ø x L (mm)	Cut 9 - Chipbreaker Order Code KEN-210
6 x 8	-9160K
13 x 12	-9320K

YORK ABRASIVES Carbide Burrs Conical

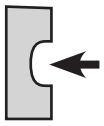
All sizes are nominal. Sizes marked * are 3mm shank, all others are 6mm shank.

Head Size Ø x L (mm)	Cut 6 - Double Cut Order Code YRK-210	Cut 9 - Chipbreaker Order Code YRK-210
3 x 11*	-	-7129K
6 x 13*	-7166K	-
6 x 19	-7206K	-7209K
10 x 16	-	-7249K
13 x 22	-	-7329K

Conical 14°

All sizes are nominal. Sizes marked * are 3mm shank, all others are 6mm shank.



Head Size Ø x L (mm)	Cut 6 - Double Cut Order Code YRK-210	Cut 9 - Chipbreaker Order Code YRK-210
5 x 13*	-	-8129K
6 x 16*	-	-8168K
6 x 16	-	-8169K
8 x 22	-	-8209K
6 X 19	-8180K	-
10 x 27	-	-8249K
13 x 28	-	-8329K
16 x 30	-	-8409K

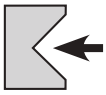
Conical 60° Inc. Angle

All sizes are nominal. Sizes marked * are 3mm shank, all others are 6mm shank.

Head Size Ø x L (mm)	Cut 9 - Chipbreaker Order Code YRK-210
10 x 8	-8649K
16 x 14	-8669K

Conical 90° Inc. Angle

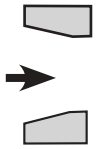
All sizes are nominal. Sizes marked * are 3mm shank, all others are 6mm shank.



Head Size Ø x L (mm)	Cut 9 - Chipbreaker Order Code YRK-210
6 x 3	-8919K
13 x 6	-8959K

Inverted Cone

All sizes are nominal. Sizes marked * are 3mm shank, all others are 6mm shank.



Head Size Ø x L (mm)	Cut 9 - Chipbreaker Order Code YRK-210
12.7 x 12.7	-9329K
19 x 16	-9489K

CARBIDE DOUBLE CUT BURRS

Ball Nosed Cylinder

- Manufactured from high grade carbide for improved toughness
- Crosscut and double cut to improve control and chip-breaks
- Ball nosed design

Head Dia. mm	Head Length mm	Shank Dia.	Order Code SHR-210
10	20	6mm	-0004A
12	25	6mm	-0004B
16	25	6mm	-0004C
6	18	6mm	-0004D
8	20	6mm	-0004E

Cone Head Cylinder

- Manufactured from high grade carbide for improved toughness
- Crosscut and double cut to improve control and chip-breaks
- Cone head design

Head Dia. mm	Head Length mm	Shank Dia.	Order Code SHR-210
3	11	3mm	-0004Y
6	20	6mm	-0004Z
10	20	6mm	-0004V
12	26	6mm	-0004W
16	25	6mm	-0004X

Cylinder Shaped - Without End Cut

- Manufactured from high grade carbide for improved toughness
- Crosscut and double cut to improve control and chip-breaks

Head Dia. mm	Head Length mm	Shank Dia.	Order Code SHR-210
3	14	3mm	-0000L
16	25	6mm	-0001A
6	18	6mm	-0001B
8	20	6mm	-0001C
10	20	6mm	-0002D
12	25	6mm	-0002R

Ball-Nosed Cone Head Cylinder

- Manufactured from high grade carbide for improved toughness
- Crosscut and double cut to improve control and chip-breaks
- Ball-nosed cone head design

Head Dia. mm	Head Length mm	Shank Dia.	Order Code SHR-210
3	14	3mm	-0003X
6	18	6mm	-0003Y
8	25	6mm	-0003Z
10	20	6mm	-0003T
12	30	6mm	-0003V
16	33	6mm	-0003W

Ball Nosed

- Manufactured from high grade carbide for improved toughness
- Crosscut and double cut to improve control and chip-breaks
- Ball-nosed design

Head Dia. mm	Head Length mm	Shank Dia.	Order Code SHR-210
3	14	3mm	-0004J
10	20	6mm	-0004F
12	25	6mm	-0004G
16	25	6mm	-0004H
6	18	6mm	-0004K

Flame-Shaped Head Cylinder

- Manufactured from high grade carbide for improved toughness
- Crosscut and double cut to improve control and chip-breaks
- Flame head design

Head Dia. mm	Head Length mm	Shank Dia.	Order Code SHR-210
3	6	3mm	-0009M
8	20	6mm	-0005F
12	30	6mm	-0005C
16	35	6mm	-0005D

Oval Shaped

- Manufactured from high grade carbide for improved toughness
- Crosscut and double cut to improve control and chip-breaks
- Oval-shaped

Head Dia. mm	Head Length mm	Shank Dia.	Order Code SHR-210
3	6	3mm	-0005K
6	10	6mm	-0005L
10	15	6mm	-0005G
12	20	6mm	-0005H

Pointed Tree Burr - Double Cut

- Manufactured from high grade carbide for improved toughness
- Crosscut and double cut to improve control and chip-breaks
- Pointed tree design

Head Dia. mm	Head Length mm	Shank Dia.	Order Code SHR-210
3	14	3mm	-0008A
10	20	6mm	-0006M
12	25	6mm	-0007A
16	25	6mm	-0007M

Cylinder Shaped - With End Cut

- Manufactured from high grade carbide for improved toughness
- Crosscut and double cut to improve control and chip-breaks
- End cut

Head Dia. mm	Head Length mm	Shank Dia.	Order Code SHR-210
3	14	3mm	-0000M
6	18	6mm	-0001D
8	20	6mm	-0001Q
10	20	6mm	-0002E
12	25	6mm	-0002T
16	25	6mm	-0003F

Ball Shape

- Manufactured from high grade carbide for increased toughness
- Cut 6 double cut improves cutting control and chipbreaks
- Suitable for deburring and polishing applications

Head Dia. mm	Head Length mm	Shank Dia.	Order Code SHR-210
3	2.5	3mm	-0004Q
12	11	6mm	-0004N

Burr Sets

- Sherwood Deburring Set: Precision-crafted with double-cut geometry for optimal control and reduced chip size
- Tailored for general-purpose ferrous applications, ensuring superior performance
- Upgrade your deburring experience with Sherwood's commitment to quality and efficiency

No. Pieces	Order Code SHR-210
8	-0010C

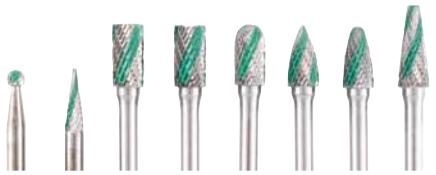
CARBIDE DOUBLE CUT BURRS

YORK ABRASIVES 'Speedway' Burr Sets

Unique flute design: fine pitch and coarse pitch flutes for rapid material removal, while maintaining a smooth surface finish.

Contains 1x each:
10 x 19mm cylindrical end cutting, cylindrical plain end, cylindrical ball end, round tree, pointed tree,
6 x 5mm spherical,
6 x 19mm conical,
10 x 27 conical 14°.

UNIQUE 'DUAL CUT' DESIGN



8 PIECES

Shank Size	Order Code YRK-210
3mm	-9940K
6mm	-9920K

YORK ABRASIVES Carbide Burr Sets

Sets of various style burrs now in a metal case. Ideal for the shop floor workman with various deburring tasks.

Operating speeds: 6,000 - 40,000rpm.

Cut 6 - 6mm Shank Contents 1x each:
10 x 19mm cylindrical end cutting, cylindrical plain end, cylindrical ball end, round tree, pointed tree, 6 x 5mm spherical, 6 x 19mm conical, 10 x 27 conical 14°.

Cut 6 - 3mm Shank Contents 1x each:
3 x 14mm cylindrical end cutting,
3 x 14mm cylindrical plain end,
3 x 14mm cylindrical ball end,
6 x 13mm pointed tree, 6 x 10mm oval,
3 x 3mm spherical, 3 x 11mm conical,
6 x 19mm conical 14°.

8 PIECES

Shank Size	Order Code YRK-210
3mm	-9896K
6mm	-9886K

YORK ABRASIVES Diamond Coated Burrs

3mm shank. Overall length 45mm. Diamond grip mesh is 120/140. Recommended operating speeds 15,000 - 30,000rpm. Suitable for precision grinding of carbide gems, ceramics, tough alloys, cermets, tool steels etc.

Cylindrical

DIAMOND

Head Dia. x Length (mm)	Order Code YRK-210
1.0 x 9	-9010K
1.5 x 9	-9015K
2.0 x 10	-9020K
2.5 x 10	-9025K
3.0 x 10	-9030K
4.0 x 10	-9040K
5.0 x 10	-9050K

Ball Nosed

DIAMOND

Head Dia. x Length (mm)	Order Code YRK-210
1.0 x 1.0	-9310K
2.0 x 2.0	-9320K
3.0 x 3.0	-9330K
4.0 x 4.0	-9340K
5.0 x 5.0	-9350K

Cylindrical Ball Nosed

DIAMOND

Head Dia. x Length (mm)	Order Code YRK-210
1.5 x 9	-9115K
2.0 x 10	-9120K
2.5 x 10	-9125K
3.0 x 10	-9130K
4.0 x 10	-9140K
5.0 x 10	-9150K

Round Tree

DIAMOND

Head Dia. x Length (mm)	Order Code YRK-210
2.0 x 10	-9510K
3.0 x 10	-9570K
3.3 x 10	-9610K
3.3 x 10	-9620K

Pointed Tree

DIAMOND

Head Dia. x Length (mm)	Order Code YRK-210
2.0 x 9	-9220K
3.0 x 9	-9230K
4.0 x 10	-9240K
5.0 x 10	-9250K

Conical

DIAMOND

Included Angle	Head Dia. x Length	Order Code YRK-210
7°	2 x 12	-9770K
10°	3 x 15	-9800K

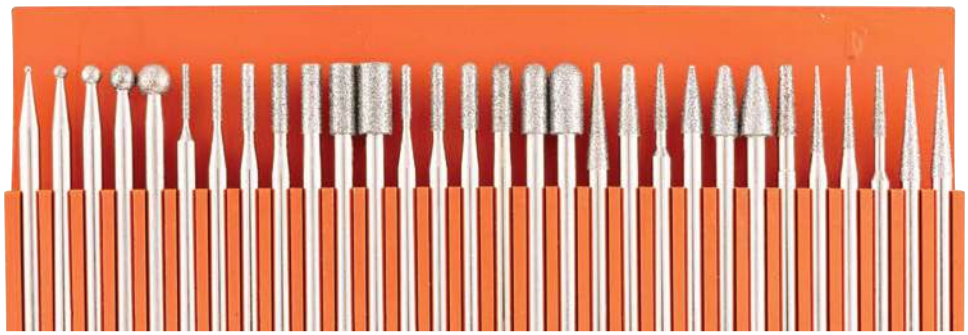
YORK ABRASIVES Diamond Coated Burr Set

DIAMOND

Set of various style burrs packaged in a handy pocket 'glasses case' style plastic holder. Ideal for the shop floor workman with various deburring tasks. Assorted sizes of ball shape, cylindrical, ball nose cylindrical, tree shape and conical. Up to 4.5mm diameter. 3m shank.

Overall length: 45mm.

30 PIECES



Order Code YRK-210
-9900K

YORK ABRASIVES Flap Discs

High performance alternative to sanding discs. Overlapped abrasive strips slowly wear away revealing fresh abrasive, ensuring the disc always cuts effectively, reducing clogging. No backing pads needed. Safe to use at 80m/s on any grinder. Tested at 150m/s and approved by the German Grinding Wheel Authority (DSA). Available in two grades and with two types of backing.
For use on steel and non ferrous metals.

Aluminium Oxide Grade Glass Fibre-Backed
(General-purpose, non-scratch).

Type 29

Precision Layered

Al-Ox

Right Angle Grinder

Grit	Order Code YRK-220
100mm Dia x 16mm Bore 15,300 MOS (rpm)	
P36	**-9410K**
P40	**-9420K**
P60	**-9430K**
P80	**-9440K**
P120	**-9450K**
115mm Dia x 22mm Bore 13,300 MOS (rpm)	
P36	**-9510K**
P40	**-9520K**
P60	**-9530K**
P80	**-9540K**
P120	**-9550K**
125mm Dia x 22mm Bore 12,000 MOS (rpm)	
P36	**-9610K**
P40	**-9620K**
P60	**-9630K**
P80	**-9640K**
P120	**-9650K**
180mm Dia x 22mm Bore 8,600 MOS (rpm)	
P36	**-9710K**
P40	**-9720K**

YORK ABRASIVES Conical Fibre Backed Flap Discs

Flap discs grind like depressed centre wheels and finish like fibre discs.

- Backing material: Fibre glass
- No thread
- Engineered for stock removal, blending and finishing all in one application
- Ideal to eliminate the use of conventional grinding wheels, sanding or fibre discs in many application
- For use on steel and non-ferrous metals
- **EN12413**

Type 29

Right Angle Grinder

Zirc

Diameter	Grit	Order Code YRK-220
100mm	P40	**-7310E**
	P60	**-7310J**
	P80	**-7310L**
	P120	**-7310Q**
115mm	P36	**-7314C**
	P40	**-7314E**
	P60	**-7314J**
	P80	**-7314L**
	P120	**-7314Q**
125mm	P40	**-7317E**
	P60	**-7317J**
	P120	**-7317Q**
180mm	P40	**-7320E**
	P60	**-7320J**

SENATOR® QUALITY TOOLING

Built to Perform.
Designed to Last.

Engineered to excel and crafted to endure, tool after tool. Includes an extensive range of products from Tool Kits and Socket Sets to Hammers and Tool Chests.

York Flap Wheels

Al-Ox

Shaft mounted flap wheels can be used in portable air or electric power tools. Manufactured from highest quality industrial cloth. Used for removal of rust, cleaning up welds and sanding wood prior to painting. Boxed in 10s except for 60 x 50 and 80 x 50 which are packed in 6's.

Applications
Final finishing of metal surfaces. Mis-match removal and deburring on machined components. Blending and finishing tool, tubes, dies, moulds, channels. Edge blending and cleaning. Surface preparation prior to painting and plating. Can be used on wood, plastic and fibreglass.

3mm Shank

Grit	Order Code YRK-220
30mm Dia x 10mm Height 23,000 MOS (rpm)	
P60	-1010K
P80	-1020K
P120	-1030K
P150	-1040K
P180	-1050K
P240	-1080K
P320	-1100K
30mm Dia x 15mm Height 23,000 MOS (rpm)	
P60	-1510K
P80	-1520K
P120	-1530K
P180	-1550K

6mm Shank

Grit	Order Code YRK-220
30mm Dia x 10mm Height 23,000 MOS (rpm)	
P40	-1570K
P60	-1572K
P80	-1574K
P120	-1576K
30mm Dia x 15mm Height 23,000 MOS (rpm)	
P40	-1600K
P60	-1610K
P80	-1620K
P120	-1630K
P150	-1640K
40mm Dia x 10mm Height 19,100 MOS (rpm)	
P80	-1920K
40mm Dia x 15mm Height 19,100 MOS (rpm)	
P40	-2000K
P60	-2010K
P80	-2020K
P120	-2030K
40mm Dia x 20mm Height 19,100 MOS (rpm)	
P40	-2200K
P60	-2210K
P80	-2220K
P120	-2230K
P180	-2250K
40mm Dia x 25mm Height 19,100 MOS (rpm)	
P40	-2400K
P60	-2410K
P80	-2420K
P120	-2430K
P180	-2450K
40mm Dia x 30mm Height 19,100 MOS (rpm)	
P40	-2600K
P60	-2610K
P80	-2620K
50mm Dia x 10mm Height 15,200 MOS (rpm)	
P40	-2800K
P60	-2810K
P80	-2820K
P120	-2830K
50mm Dia x 15mm Height 15,200 MOS (rpm)	
P40	-3000K
P60	-3010K
P80	-3020K
P120	-3030K
50mm Dia x 20mm Height 15,200 MOS (rpm)	
P40	-3500K
P60	-3510K
P80	-3520K
P120	-3530K
50mm Dia x 25mm Height 15,200 MOS (rpm)	
P40	-3800K
P60	-3810K
P80	-3820K
P120	-3830K
P150	-3850K
50mm Dia x 30mm Height 15,200 MOS (rpm)	
P40	-3900K
P60	-3910K
P80	-3920K
P120	-3930K
P180	-3940K
50mm Dia x 40mm Height 15,200 MOS (rpm)	
P40	-3950K
P60	-3960K
P80	-3970K
P120	-3980K
P180	-3990K
60mm Dia x 20mm Height 12,000 MOS (rpm)	
P40	-4000K
P60	-4010K
P80	-4020K
P120	-4030K
60mm Dia x 30mm Height 12,000 MOS (rpm)	
P40	-4500K
P60	-4510K
P80	-4520K
P120	-4530K
P150	-4540K
P180	-4550K
P240	-4580K
60mm Dia x 40mm Height 12,000 MOS (rpm)	
P40	-5000K
P60	-5010K
P80	-5020K
P120	-5030K
P180	-5050K
P240	-5080K
60mm Dia x 50mm Height 12,000 MOS (rpm)	
P60	-5110K
P80	-5120K
P120	-5130K
P180	-5140K
80mm Dia x 20mm Height 8,900 MOS (rpm)	
P40	-5200K
P60	-5210K
P80	-5220K
80mm Dia x 30mm Height 8,900 MOS (rpm)	
P40	-5500K
P60	-5510K
P80	-5520K
P120	-5530K
P320	-5600K
80mm Dia x 40mm Height 8,900 MOS (rpm)	
P40	-6000K
P60	-6010K
P80	-6020K
P120	-6030K
80mm Dia x 50mm Height 8,900 MOS (rpm)	
P40	-6500K
P60	-6510K
P80	-6520K
P120	-6530K

5 Piece Set Contents:
30 x 15mm: P80,
40 x 15mm: P80,
50 x 15mm: P60,
50 x 20mm: P80,
60 x 30mm: P60.

6mm Shank

Order Code YRK-220	
-6950K	Al-Ox

8 Piece Set Contents:
30 x 15mm: P60,
30 x 15mm: P120,
40 x 15mm: P60,
40 x 15mm: P120,
50 x 20mm: P80,
50 x 25mm: P60,
60 x 30mm: P40,
60 x 30mm: P80.

6mm Shank

Order Code YRK-220		
-6980K	Al-Ox	Angle Die Grinder

8 Piece 'Mini' Set Contents: (*6mm Shank) :
10 x 10mm: P60,
10 x 10mm: P120,
15 x 15mm: P80*,
15 x 15mm: P120,
20 x 10mm: P60*,
20 x 10mm: P120*,
25 x 15mm: P80,
25 x 25mm: P80*.

Order Code YRK-220	
-7000K	Al-Ox

YORK ABRASIVES

Flat Reinforced Cutting Discs

Right Angle Grinder

For metal cutting. Sharp Aluminium Oxide grains.
Longer life and higher material removal rates. Non-polluting of stainless Steels (Fe, S, Cl <0.1%) Iron, Sulphur and Chlorine content <0.1%.
oSA: EN12413

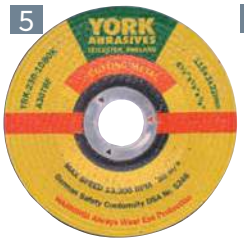
*For use on Tiles, natural stone and some building materials.

1

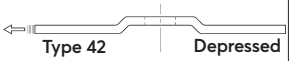
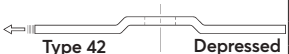
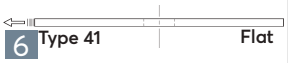
2

3

4

5


6

Type	Abrasive Material	For	Grit	Grade	Grade Designation	Diameter	Max RPM	Width	Bore	Order Code YRK-230
1  Type 42 Depressed	Al-Ox	general purpose use on metals	30	Medium/Coarse	A30	100mm	15,500	3mm	16mm	-0085K
						115mm	13,300		22mm	-1085K
						125mm	13,300		22mm	-2085K
						180mm	8,600		22mm	-3085K
						230mm	6,600		22mm	-4085K
2 Type 41 Flat	Al-Ox	general purpose use on metals	30	Medium/Coarse	A30S	100mm	15,500	3mm	16mm	-5085K
		genereal purpose use on metals			A30S	115mm	13,300		22mm	-6085K
		Tiles, natural stone and some building materials			C30S	115mm	13,300		22mm	-6805K
		general purpose use on metals			A30S	125mm	13,300		22mm	-6955K
		general purpose use on metals			A30S	180mm	8,600		22mm	-7085K
		general purpose use on metals			A30S	230mm	6,600		22mm	-8085K
3 Type 41 Flat	Al-Ox	INOX/stainless steel	60	Fine	A60S	115mm	13,300	1mm	22mm	-4435K
		INOX/stainless steel	46	Fine/Medium	A46S	115mm	13,300	1.6mm		-4440K
		INOX/stainless steel	60	Fine	A60S	125mm	12,500	1mm		-4465K
		INOX/stainless steel	46	Fine/Medium	A46S	125mm	12,500	1.6mm		-4470K
		INOX/stainless steel	46	Fine/Medium	AS46	180mm	8,600	1.6mm		-4500K
		INOX/stainless steel	46	Fine/Medium	A46S	230mm	6,600	1.8mm		-4540K
4 Type 41 Flat	Al-Ox	general purpose use on metals	30	Medium/Coarse	A30RBF	100mm	15,200	3mm	16mm	-5110K
		stone & non-ferrous materials	30	Medium/Coarse	C24RBF	100mm	15,200		16mm	-5120K
		general purpose use on metals	30	Medium/Coarse	A30TBF	115mm	13,300		22mm	-5150K
		general purpose use on metals	30	Medium/Coarse	A30RBF	125mm	12,200		22mm	-5200K
		stone & non-ferrous materials	30	Medium/Coarse	C24TBF	125mm	12,200		22mm	-5210K
		general purpose use on metals	30	Medium/Coarse	A30TBF	180mm	8,600		22mm	-5250K
		general purpose use on metals	30	Medium/Coarse	A30TBF	230mm	6,600		22mm	-5300K
		general purpose use on metals	30	Medium/Coarse	A30RBF	300mm	5,100		20mm	-5350K
		stone & non-ferrous materials	30	Medium/Coarse	C24RBF	300mm	5,100		20mm	-5360K
		general purpose use on metals	30	Medium/Coarse	A30RBF	300mm	5,100		22mm	-5380K
		stone & non-ferrous materials	30	Medium/Coarse	C24RBF	300mm	5,100		22mm	-5390K
			24	Coarse	A24NBF	355mm	3,800		25mm	-5420K
5  Type 42 Depressed	Al-Ox	general purpose use on metals	30	Medium/Coarse	A30TBF	100mm	15,200	3mm	16mm	-0650K
					A30TBF	115mm	13,300		22mm	-0670K
					A30RBF	125mm	12,200		22mm	-0690K
					A30TBF	180mm	8,600		22mm	-0710K
					A30TBF	230mm	6,600		22mm	-0730K
6  Type 41 Flat	Al-Ox	Stainless Steel & Mild Steel	60	Fine	A60TBF	100mm	15,200	1mm	16mm	-4750K
			60	Fine	A60TBF	115mm	13,300	1mm	22mm	-4770K
			60	Fine	A60TBF	115mm	13,300	1.6mm	22mm	-4780K
			60	Fine	A60TBF	125mm	12,200	1mm	22mm	-4800K
			60	Fine	A60TBF	125mm	12,200	1.6mm	22mm	-4810K
			36	Medium	A36SBF	180mm	8,600	1.8mm	22mm	-4830K
			36	Medium	A36SBF	230mm	6,600	1.8mm	22mm	-4850K

Grinding Wheels

See our range

Scan the QR code

Cutting Discs

See our range

Scan the QR code

YORK ABRASIVES Clean & Strip Unitised Wheels

Al-Ox

Cleans surfaces faster and more effectively than wire brushes, scrapers or pickling pastes. High stock removal producing a very good finish. Ideally suitable for preparation and cleaning of welds, rust removal and removal of discolouration.

6mm Mandrel for clean strip wheel

Order Code YRK-280
-5010K

Requires Mandrel

Diameter	Bore	Grade	Maximum RPM	Order Code YRK-245
100mm	12mm	X/Coarse	5500	-5020K
150mm			3500	-5040K
200mm			2500	-5060K

YORK ABRASIVES Clean & Strip Unitised Discs

Al-Ox

-5310K

-3510K

Diameter	Grade	Maximum RPM	Order Code YRK-245
75mm	X/Coarse	10000	-5310K
		Backing Pad M14 Thread	-3510K

YORK ABRASIVES Rust & Paint Removal Strippa Disc

Al-Ox

- Made of intertwined nylon fibres which are then immersed in synthetic resin and gently hardened
- Ideal for removing old paint, rust and welding splatter, polishing of stainless steel and removal of thermal bluing
- **DIN EN 13743**

Diameter	Width	Bore	Grade	Max. RPM	Order Code YRK-245
115mm	25mm	22.23mm	X-Coarse	10,500	-3800K

York XL Unitised Wheels

Scan the QR code

YORK ABRASIVES Clean & Strip Unitised Wheels

Al-Ox

Shaft mounted
- Shank diameter: 6mm
- Alternate flaps of abrasive are interleaved with a versatile high quality nylon
- Deburring
- Producing cosmetic finishes
- Rust removal and blending
- Ideal for use on wood and metal

Non-woven Flap Wheels

Diameter	Thickness	Grit	Grade	Order Code YRK-245
50mm	50mm	100-150	Medium	-7571K
60mm	30mm	100-150	Medium	-7621K
50mm	25mm	50-80	Coarse	-8311K
50mm	25mm	100-150	Medium	-8321K
50mm	25mm	240-360	Very Fine	-8341K
76mm	50mm	100-150	Medium	-8421K
76mm	50mm	240-360	Very Fine	-8440K

Interleaved Flap Wheels

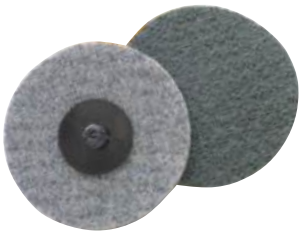
Diameter	Thickness	Grade	Order Code YRK-245
50mm	50mm	Coarse	-7961K
50mm	50mm	Medium	-7971K
50mm	50mm	Fine	-7981K
50mm	50mm	Very Fine	-7990K
60mm	30mm	Medium	-8021K
100mm	50mm	Medium	-8171K
50mm	25mm	Coarse	-8711K
50mm	25mm	Medium	-8721K
50mm	25mm	Fine	-8731K
76mm	50mm	Coarse	-8811K

YORK ABRASIVES Surface Preparation & Finishing Discs

A complete range of flexible surface preparation discs from coarse grit through to a fine polishing disc allows you to rapidly and consistently achieve the finish you require. Ideal for rust removal, preparing and cleaning welds.

Angle Die Grinder

Die Grinder



M14 Threaded Backing Pad
(supplied separately)

Diameter	Density Grade	Order Code YRK-245
75mm	Polishing	-3700K
Backing Pad M14 Thread		-3510K

YORK ABRASIVES Surface Preparation & Polishing Kit

Contents:
1x M14 backing pad
1x surface conditioning disc Brown (CRS)
1x surface conditioning disc in Maroon (medium), 1 x Blue (very fine) and 1 x Grey (ultra fine)
1x felt disc (White)
1x bar of compound (Yellow).

7 PIECES

Order Code YRK-245
-9200K

Non-woven Web Hand Pads & Rolls

For manual or portable machine use

Brown - Aluminium Oxide Grain Grade 80 = Extra Cut Coarse
- Heaviest duty pad in the range
- A stiff product with high aggression
- A high mineral content makes these pads cut fast to remove contaminants and oxides
- Used for light deburring, cleaning and finishing applications, e.g. deburring edges of sheet materials to improve handling
- Produces excellent Matte Finish

Al-Ox

Black - Silicone Carbide Grain Grade 110 = Medium S
- For fast medium to coarse finishing and blending
- Gives a bright surface finish on stainless steel
- Low clogging
- Great for cleaning mild steel

SiC

Green - Aluminium Oxide Grain Grade 100 = General Purpose Fine
- Extra surface Grain For Clean Cutting Action
- Ideal all round product for multiple applications
- Can also be used for lacquer de-nibbing and matt finishing on solid surfaces
- Cleaning and finishing applications

Al-Ox

Maroon - Aluminium Oxide Grain Grade 320 = X Fine
- Extra surface Grain For Clean Cutting Action
- Consistent Fine Finish
- Ideal for Satin Finishing on Stainless Steel and Non-Ferrous Metals

Al-Ox

Grey - Silicone Carbide Grain Grade 600 = XX Fine
- High Durability
- Ideal for Scuffing Paint and Lacquer
- Super Fine Finish

SiC

White - Non-Abrasive Grade 0 = cleaning & Polishing
- For the removal of oxides and coatings, produces a scratch-free finish
- Ideal for Gentle Cleaning of Glass, Ceramics andstainless Steel

YORK ABRASIVES Fibre Hand Pads
155 x 225mm, Pack of 10

A range of non-woven fibre hand pads for cleaning, blending and finishing applications.
Size: 155 x 225mm. Supplied in packs of 10.

White - non-abrasive: For the removal of oxides and coatings, produces a scratch-free finish.

Grey - XX-fine pad: for light finishing on all minerals as well as lacquer de-nibbing.

Maroon - X-fine: A general-purpose conformable hand pad which gives a finer finish than the Green hand pad.

Green - fine: General-purpose hand pad for cleaning and finishing. It can also be used for lacquer de-nibbing and matt finishing on solid surfaces.

Black - medium: For medium to coarse finishing and blending.

Brown - coarse: Heaviest duty pad in the range. Used for light deburring, cleaning and finishing applications, e.g. deburring edges of sheet materials to improve handling.

Abrasive Material	Colour	Grade	Order Code YRK-245
SiC	Grey	XX-Fine	-2100K
Al-Ox	Maroon	X-Fine	-2060K
Al-Ox	Green	Fine	-2040K
SiC	Black	Medium	-2000K
Al-Ox	Brown	Coarse	-2020K
Non Abrasive	White	Non Abrasive	-2080K
Pack of 6 1 x Grey, Maroon, Green, Black, Brown, White			-3000K

YORK ABRASIVES Non-woven Roll

Non-woven roll for cleaning, blending and finishing.

Colour	Grade	Size	Order Code YRK-245
Black	Medium	100mm x 10m	-1620K
Black	Medium	150mm x 10m	-1720K
Green	Fine	150mm x 10m	-1740K

POLISHING & FINISHING BARS

YORK ABRASIVES Pre-Finish & Polishing Bars

-8000K

-8040K

-8020K

-8060K

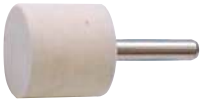
-8080K

-8100K

Weight	Type	For use on: Non Ferrous Metals	Plastics	Stainless Steel	Chrome Plate	Nitro-Cellulose Lacquers	Finish	Order Code YRK-247
800g	Synthetic Gloss Polishing Bar	•	•				Mirror	-8100K
	Birght Shine Pre-finish bar	•	•				Bright Shine	-8040K
	Fast Cutting Pre-Finish Bar	•		•			Matt Finish without drag lines	-8020K
1000g	Fast Cutting Polishing Bar	•		•	•		Commercial	-8060K
	Mirror Finish Polishing Bar	•		•	•		Mirror	-8080K
	General purpose polishing bar	•	•				Mirror	-8000K
110g	Blue Pre-Polishing	•		•	•		Polished	-8420K
	White Pre-Polishing	•		•			Mirror	-8470K

YORK ABRASIVES Felt Bobs

- Made of pure wool in a variety of sizes, shapes
- The mandrels are exactly centred for true-running operation
- Suitable for product finishing/polishing



Plain End Cylinder (Bob)

Ball Nose

Ball Nose (Cone)

Tapered Plain End

Shape	Dia.	Length	Shank Size	Max. rpm	Order Code YRK-247
Plain End Cylinder (Bob)	6mm	10mm	3mm	15,000	-1040K
		14mm			-1060K
	12mm	7mm	3mm	15,000	-1100K
		24mm	3mm		-1120K
			6mm		-1140K
	12.7mm	15mm	3mm	10,000	-1150K
	13mm	13mm	3mm	10,000	-1160K
	18mm	20mm	3mm	10,000	-1190K
		38mm	6mm		-1200K
	19mm	19mm	6mm	10,000	-1220K
	24mm	24mm	6mm	8,000	-1250K
	25mm	7mm	3mm	8,000	-1300K
Ball Nose	12.7mm	12.7mm	3mm	8,000	-3940K
Ball Nose (Cone)	9mm	14mm	3mm	15,000	-3080K
	12.7mm	12.7mm		10,000	-3120K
	25mm	25mm	6mm	8,000	-3220K
Tapered Plain End	12mm	20mm	3mm	15,000	-3560K
	19mm	25mm	6mm	8,000	-3720K
	25mm	30mm	6mm	5,000	-3820K

Polishing & Lapping

See our range

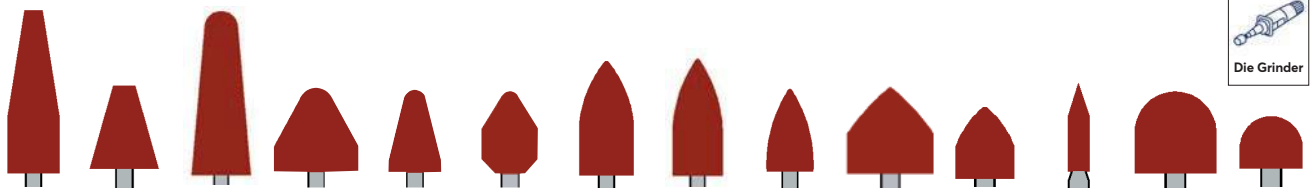
Scan the QR code

KENNEDY QUALITY INDUSTRIAL TOOLING

Mounted Points & Wheels

- Suitable for portable die and straight hand grinders
- All points are aluminium oxide with 'rubenite™' as standard for all general-purpose grinding and deburring on steels and most metals
- Maximum speeds are quoted assuming that collet to back of point does not exceed 12.7mm (1/2") and are for guidance only.

'A' Shape Shank Diameter 6mm



Shape	A11	A2	A3	A4	A5	A6	A8	A11	A12	A13	A14	A15	A21	A22
Grade	RA46	RA46	RA46	RA46	RA46	RA46	RA46	RA46	RA46	RA60	RA60	RA80	RA60	RA60
Diameter	20mm	25mm	25mm	32mm	20mm	19mm	21mm	21mm	18mm	28mm	18mm	6mm	25mm	19mm
Length	63mm	32mm	70mm	32mm	28mm	28mm	45mm	50mm	32mm	28mm	22mm	27mm	25mm	16mm
Max RPM	20,000	38,000	16,000	30,000	45,000	39,000	20,000	20,000	48,000	34,000	55,000	55,000	34,000	51,000
	Order Code KEN-250 -0010K	Order Code KEN-250 -0020K	Order Code KEN-250 -0030K	Order Code KEN-250 -0040K	Order Code KEN-250 -0050K	Order Code KEN-250 -0060K	Order Code KEN-250 -0080K	Order Code KEN-250 -0110K	Order Code KEN-250 -0120K	Order Code KEN-250 -0130K	Order Code KEN-250 -0140K	Order Code KEN-250 -0150K	Order Code KEN-250 -0210K	Order Code KEN-250 -0220K

'A' Shape Shank Diameter 6mm

Shape	A23	A24	A25	A26	A31	A32	A33	A34	A35	A36	A37	A39
Grade	RA60	RA80	RA60	RA60	RA46	RA46	RA46	RA46	RA46	RA80	RA80	RA60
Diameter	19mm	6mm	25mm	16mm	35mm	25mm	25mm	38mm	25mm	40mm	32mm	19mm
Length	25mm	20mm	25mm	16mm	25mm	16mm	13mm	9mm	10mm	10mm	6mm	19mm
Max RPM	39,000	70,000	35,000	60,000	25,000	38,000	38,000	25,000	38,000	23,000	30,000	47,000
	Order Code KEN-250 -0230K	Order Code KEN-250 -0240K	Order Code KEN-250 -0250K	Order Code KEN-250 -0260K	Order Code KEN-250 -0310K	Order Code KEN-250 -0320K	Order Code KEN-250 -0330K	Order Code KEN-250 -0340K	Order Code KEN-250 -0350K	Order Code KEN-250 -0360K	Order Code KEN-250 -0370K	Order Code KEN-250 -0390K

'B' Shape Shank Diameter 3mm

Shape	B41	B42	B43	B44	B45	B46	B47	B51	B52	B53	B54	B55	B61	B62	B63
Grade	RA80	RA80	RA100	RA100	RA100	RA120	RA120	RA80	RA80	RA100	RA100	RA100	RA80	RA80	RA100
Diameter	16mm	13mm	6mm	6mm	5mm	3mm	3mm	12mm	10mm	8mm	6mm	3mm	19mm	13mm	6mm
Length	16mm	19mm	8mm	10mm	8mm	8mm	4mm	19mm	20mm	16mm	13mm	6mm	8mm	10mm	5mm
Max RPM	34,000	33,000	80,000	68,000	100,000	100,000	100,000	45,000	45,000	60,000	60,000	100,000	38,000	41,000	92,000
	Order Code KEN-250 -0410K	Order Code KEN-250 -0420K	Order Code KEN-250 -0430K	Order Code KEN-250 -0440K	Order Code KEN-250 -0450K	Order Code KEN-250 -0460K	Order Code KEN-250 -0470K	Order Code KEN-250 -0510K	Order Code KEN-250 -0520K	Order Code KEN-250 -0530K	Order Code KEN-250 -0540K	Order Code KEN-250 -0550K	Order Code KEN-250 -0610K	Order Code KEN-250 -0620K	Order Code KEN-250 -0630K

'B' Shape Shank Diameter 3mm

Shape	B65	B70	B73	B81	B82	B83	B84	B91	B92	B95	B96	B101	B102
Grade	RA120	RA120	RA120	RA120	RA120	RA120	RA120	RA120	RA120	RA120	RA100	RA100	RA180
Diameter	3mm	19mm	13mm	19mm	13mm	10mm	8mm	13mm	6mm	3mm	3mm	16mm	16mm
Length	3mm	3mm	3mm	5mm	6mm	5mm	5mm	16mm	6mm	5mm	6mm	18mm	13mm
Max RPM	100,000	50,000	73,000	50,000	76,000	87,000	100,000	34,000	81,000	100,000	100,000	33,000	44,000
	Order Code KEN-250 -0650K	Order Code KEN-250 -0700K	Order Code KEN-250 -0730K	Order Code KEN-250 -0810K	Order Code KEN-250 -0820K	Order Code KEN-250 -0830K	Order Code KEN-250 -0840K	Order Code KEN-250 -0910K	Order Code KEN-250 -0920K	Order Code KEN-250 -0950K	Order Code KEN-250 -0960K	Order Code KEN-250 -1010K	Order Code KEN-250 -1020K

'B' Shape Shank Diameter 3mm

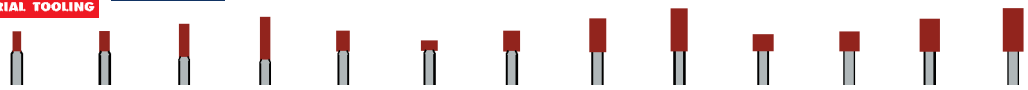
Shape	B103	B104	B105	B106	B111	B112	B113	B114	B121	B122	B123	B124	B131	B132	B135
Grade	RA80	RA100	RA120	RA100	RA100	RA120	RA80	RA80	RA120	RA120	RA80	RA120	RA80	RA80	RA120
Diameter	16mm	8mm	6mm	3mm	12mm	10mm	6mm	6mm	13mm	10mm	5mm	3mm	13mm	10mm	6mm
Length	5mm	10mm	6mm	3mm	18mm	13mm	6mm	10mm	13mm	10mm	5mm	3mm	13mm	13mm	13mm
Max RPM	61,000	68,000	100,000	100,000	33,000	45,000	70,000	68,000	45,000	61,000	100,000	100,000	34,000	45,000	60,000
	Order Code KEN-250 -1030K	Order Code KEN-250 -1040K	Order Code KEN-250 -1050K	Order Code KEN-250 -1060K	Order Code KEN-250 -1110K	Order Code KEN-250 -1120K	Order Code KEN-250 -1130K	Order Code KEN-250 -1140K	Order Code KEN-250 -1210K	Order Code KEN-250 -1220K	Order Code KEN-250 -1230K	Order Code KEN-250 -1240K	Order Code KEN-250 -1310K	Order Code KEN-250 -1320K	Order Code KEN-250 -1350K

MOUNTED POINTS

KENNEDY QUALITY INDUSTRIAL TOOLING

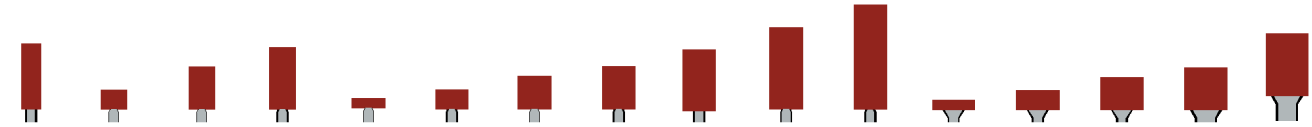
Al-Ox

'W' Shape Shank Dia. 3mm



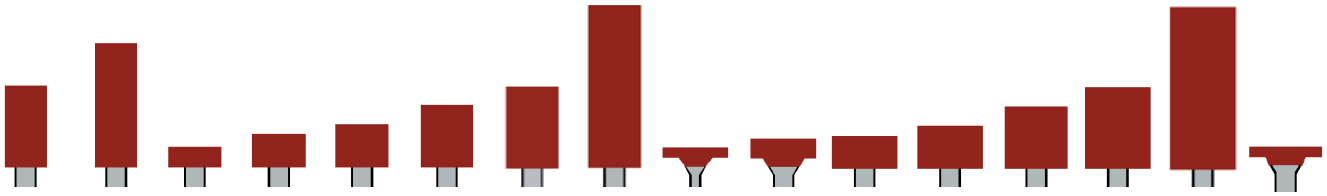
Shape	W142	W144	W145	W146	W149	W151	W152	W153	W154	W159	W160	W162	W163
Grade	RA120	RA100	RA80	RA80	RA120	RA120	RA122	RA120	RA80	RA100	RA80	RA80	RA80
Diameter	2.5mm	3mm	3mm	3mm	4mm	5mm	5mm	5mm	5mm	6mm	6mm	6mm	6mm
Length	6mm	6mm	10mm	13mm	6mm	3mm	6mm	10mm	13mm	5mm	6mm	10mm	13mm
Max RPM	100,000	100,000	100,000	100,000	100,000	100,000	100,000	80,000	70,000	92,000	81,000	68,000	60,000
	Order Code KEN-250 -1420K	Order Code KEN-250 -1440K	Order Code KEN-250 -1450K	Order Code KEN-250 -1460K	Order Code KEN-250 -1490K	Order Code KEN-250 -1510K	Order Code KEN-250 -1520K	Order Code KEN-250 -1530K	Order Code KEN-250 -1540K	Order Code KEN-250 -1590K	Order Code KEN-250 -1600K	Order Code KEN-250 -1620K	Order Code KEN-250 -1630K

'W' Shape Shank Dia. 3mm except * = 6mm



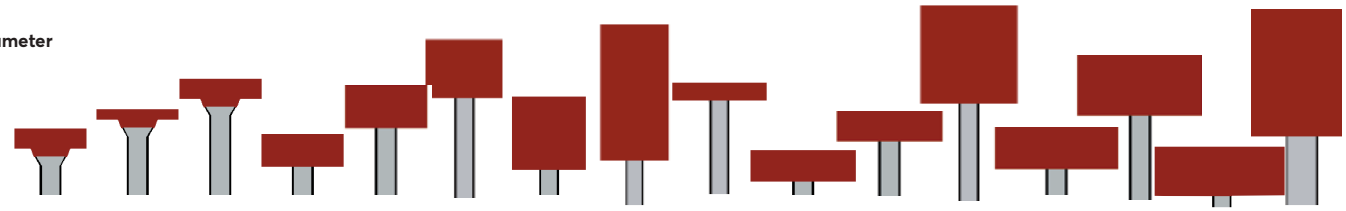
Shape	W164	W167	W170	W171*	W173	W174	W175	W176	W177*	W178*	W179*	W182	W183	W184	W185	W186*
Grade	RA80	RA60	RA60	RA60	RA80	RA60	RA60	RA60	RA60	RA60	RA60	RA60	RA80	RA80	RA60	RA60
Diameter	6mm	8mm	8mm	8mm	10mm	10mm	10mm	10mm	10mm	10mm	10mm	13mm	13mm	13mm	13mm	13mm
Length	20mm	6mm	13mm	19mm	3mm	6mm	10mm	13mm	20mm	25mm	32mm	3mm	6mm	10m	13mm	20mm
Max RPM	55,000	60,000	40,000	36,000	70,000	60,000	50,000	45,000	33,000	26,000	25,000	70,000	70,000	70,000	34,500	51,000
	Order Code KEN-250 -1640K	Order Code KEN-250 -1670K	Order Code KEN-250 -1700K	Order Code KEN-250 -1710K	Order Code KEN-250 -1730K	Order Code KEN-250 -1740K	Order Code KEN-250 -1750K	Order Code KEN-250 -1760K	Order Code KEN-250 -1770K	Order Code KEN-250 -1780K	Order Code KEN-250 -1790K	Order Code KEN-250 -1820K	Order Code KEN-250 -1830K	Order Code KEN-250 -1840K	Order Code KEN-250 -1850K	Order Code KEN-250 -1860K

'W' Shape Shank Dia. 6mm except * = 3mm



Shape	W187	W188	W192	W193	W194	W195	W196	W197	W200*	W201	W202	W203	W204	W205	W208	W211*
Grade	RA60	RA60	RA80	RA60	RA60	RA60	RA60	RA60	RA80	RA60	RA60	RA60	RA60	RA36	RA46	RA80
Diameter	13,mm	13mm	16mm	16mm	16mm	16mm	16mm	16mm	20mm	20mm	20mm	20mm	19mm	20mm	20mm	22mm
Length	25mm	38mm	6mm	10mm	13mm	19mm	25mm	50mm	3mm	6mm	10mm	13mm	19mm	25mm	50mm	3mm
Max RPM	40,500	30,370	61,000	61,000	56,000	46,000	32,000	21,000	50,000	40,000	30,000	25,000	42,000	34,000	18,000	43,000
	Order Code KEN-250 -1870K	Order Code KEN-250 -1880K	Order Code KEN-250 -1920K	Order Code KEN-250 -1930K	Order Code KEN-250 -1940K	Order Code KEN-250 -1950K	Order Code KEN-250 -1960K	Order Code KEN-250 -1970K	Order Code KEN-250 -2000K	Order Code KEN-250 -2010K	Order Code KEN-250 -2020K	Order Code KEN-250 -2030K	Order Code KEN-250 -2040K	Order Code KEN-250 -2050K	Order Code KEN-250 -2080K	Order Code KEN-250 -2110K

'W' Shape Shank Diameter 6mm except W244 = 10mm & W211 = 3mm



Shape	W212	W215	W216	W217	W218	W219	W220	W222	W225	W226	W227	W230	W236	W238	W242	W244*
Grade	RA60	RA80	RA46	RA46	RA80	RA46	RA46	RA46	RA46	RA46	RA46	RA46	RA46	RA46	RA46	RA46
Diameter	22mm	25mm	25mm	25mm	25mm	25mm	25mm	25mm	32mm	32mm	32mm	32mm	38mm	**38mm**	50mm	50mm
Length	6mm	3mm	6mm	10mm	13mm	19mm	25mm	50mm	6mm	9.5mm	13mm	32mm	**13mm**	38mm	25mm	50mm
Max RPM	33,000	38,000	38,000	38,000	38,000	35,000	25,000	15,900	30,000	30,000	30,000	20,000	25,000	15,000	11,000	**11,000**
	Order Code KEN-250 -2120K	Order Code KEN-250 -2150K	Order Code KEN-250 -2160K	Order Code KEN-250 -2170K	Order Code KEN-250 -2180K	Order Code KEN-250 -2190K	Order Code KEN-250 -2200K	Order Code KEN-250 -2220K	Order Code KEN-250 -2250K	Order Code KEN-250 -2260K	Order Code KEN-250 -2270K	Order Code KEN-250 -2300K	Order Code KEN-250 -2360K	Order Code KEN-250 -2380K	Order Code KEN-250 -2420K	Order Code KEN-250 -2440K

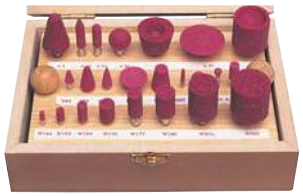
KENNEDY QUALITY INDUSTRIAL TOOLING

Assorted Mounted Point Sets

- Selected shapes suitable for a range of internal grinding operations
- For use with air and electric die grinders, drills etc.
- 3mm and 6mm shank sizes
- 'Rubenite' aluminium oxide grade for general use on metals

Al-Ox

24 Piece
- A5, A15, A24, A26, A32, A37, A38, B44, B52, B53, B81, B91, B97, B122, B123, B135, W144, W153, W163, W176, W177, W186, W205 and W220
- Supplied in fitted wooden bench case



5 Piece
- A5, A24, A26, W217 and W205
- Supplied in clear bag with header

Order Code **KEN-250** **-2950K**

8 Piece
- A5, A24, A25, A26, A39, W177, W186 and W205
- Supplied in clear bag with header

Order Code **KEN-250** **-2980K**

Order Code **KEN-250** **-3240K**

KENNEDY QUALITY INDUSTRIAL TOOLING

Oilstones

- A comprehensive range of bench stones and sharpening stones to cover a wide variety of sharpening and honing applications
- Most of the shapes and sizes are available in fine, medium and coarse grades
- All stones can be used wet or dry to produce sharp cutting edges or to remove burrs

Silicon Carbide

SiC

- Man-made abrasive with very hard, sharp particles
- This makes it ideal for non-ferrous metals, hard surfaces, alloys and cemented carbides
- Also used on stone, marble, glass and plastics
- A superior abrasive that is able to penetrate and cut quickly with only light pressure being applied

Aluminium Oxide

Al-Ox

- Man-made abrasive which is extremely tough enabling high speed penetration of high tensile materials without causing excessive fracturing
- This resistance to fracturing makes it a versatile material suitable for general sharpening and honing applications

Scythe Stones
Flat Tapered Aluminium Oxide

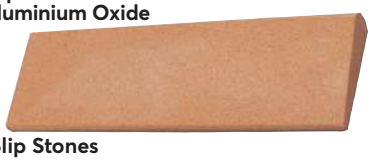
Scythe Stones
Round Aluminium Oxide

Scythe Stones
Round Silicon Carbide

Reamer Stones

Silversmith Stones

Slip Stones
Aluminium Oxide



Slip Stones
Silicon Carbide

Knife Stone

Sharpening Stone Set

Set of 6

- Selected to cover the majority of sharpening applications.
- All stones are 13 x 100mm medium grit

Contents:
2x square
2x 3 square
2x round

Order Code KEN-255
-9000K

Type	Abrasive Material	Shape	Length	Width	Depth	Grade	Order Code KEN-255
Scythe Stones	Al-Ox	Flat Tapered	235mm	15-35mm	15-35mm	Coarse	-3620K
			305mm	20-36mm	20-36mm		-3720K
	Al-Ox	Round	100mm	6mm	6mm	Fine	-2100K
						Medium	-2110K
						Coarse	-2120K
				10mm	10mm	Fine	-2200K
						Medium	-2210K
						Coarse	-2220K
				13mm	13mm	Fine	-2300K
						Medium	-2310K
	SiC	Round	100mm	6mm	6mm	Fine	-5400K
						Medium	-5410K
						Coarse	-5420K
				10mm	10mm	Fine	-5500K
						Medium	-5510K
						Coarse	-5520K
				13mm	13mm	Fine	-5600K
						Medium	-5610K
						Coarse	-5620K
	Al-Ox	Oval	100mm	13mm	13mm	Fine	-2400K
						Medium	-2410K
						Coarse	-2420K
Slip stones	Al-Ox	Tapered	100mm	25mm	5-11mm	Fine	-3000K
						Medium	-3010K
			115mm	45mm	1.5-6mm		-3110K
					5-13mm	Fine	-3200K
						Medium	-3210K
	SiC		115mm	45mm	1.5-6mm	Fine	-5800K
						Medium	-5810K
					5-13mm		-5910K
Silversmith Stone	Al-Ox	Rectangle	100mm	13mm	2mm	Fine	-2500K
						Medium	-2510K
Knife Stone	Al-Ox	Rectangle	100mm	25mm	3mm	Medium	-2710K
Reamer Stone	Al-Ox	Rectangle	125mm	25mm	5mm	Medium	-3410K

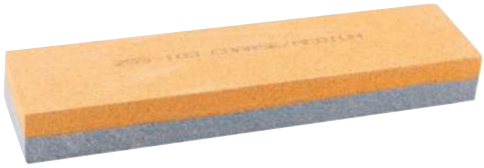
OILSTONES

Abrasive & Bench Stones

KENNEDY QUALITY INDUSTRIAL TOOLING

Type	Abrasive Material	Shape	Length	Width	Depth	Grade	Grit	Order Code KEN-255
Bench Stones	Al-Ox	Rectangle	100mm	25mm	13mm	Medium/ Coarse	Single	-1050K
			150mm	50mm	25mm			-1010K
			200mm					-1030K
			100mm	25mm	13mm	Fine		-1300K
						Medium		-1310K
						Coarse		-1320K
			150mm	50mm	25mm	Fine		-1100K
						Medium		-1110K
			200mm			Fine		-1200K
						Medium		-1210K
						Coarse		-1220K
	SiC		100mm	25mm	6mm	Fine		-4000K
						Medium		-4010K
					13mm	Fine		-4100K
						Medium		-4110K
Abrasive Stones	Al-Ox	Square	100mm	6mm		Fine	Single	-1500K
						Medium		-1510K
				10mm		Fine		-1600K
						Medium		-1610K
						Coarse		-1620K
				13mm		Fine		-1700K
						Medium		-1710K
						Coarse		-1720K
Abrasive Stones	SiC	Square	100mm	6mm		Fine	Single	-4300K
						Medium		-4310K
						Coarse		-4320K
			100mm	10mm		Fine		-4400K
						Medium		-4410K
						Coarse		-4420K
			100mm	13mm		Fine		-4500K
						Medium		-4510K
						Coarse		-4520K
			150mm	13mm		Fine		-4600K
						Medium		-4610K
						Coarse		-4620K
			150mm	19mm		Fine		-4700K
						Medium		-4710K
						Coarse		-4720K
			150mm	25mm		Fine		-4800K
						Medium		-4810K
						Coarse		-4820K
Abrasive Stones	Al-Ox	3 Square	100mm	6mm		Fine	Single	-1800K
						Medium		-1810K
						Coarse		-1820K
			100mm	10mm		Fine		-1900K
						Medium		-1910K
						Coarse		-1920K
			100mm	13mm		Fine		-2000K
						Medium		-2010K
						Coarse		-2020K
Abrasive Stones	SiC	3 Square	100mm	6mm		Fine	Single	-4900K
						Medium		-4910K
						Coarse		-4920K
			100mm	10mm		Fine		-5000K
						Medium		-5010K
						Coarse		-5020K
			100mm	13mm		Fine		-5100K
						Medium		-5110K
						Coarse		-5120K
			150mm			Medium		-5210K
			150mm	19mm		Medium		-5310K
Pocket Stone	Al-Ox	Rectangle	80mm	22mm	10mm	Medium	Single	-1410K

Bench Stone Rectangle Al-Ox Mix



Bench Stone Rectangle Al-Ox

Bench Stone Rectangle SiC

Abrasive Stone Square Al-Ox

Abrasive Stone Square SiC

Abrasive Stone 3 Square Al-Ox

Abrasive Stone 3 Square SiC

Pocket Stone Al-Ox

York Grinding Compound

Scan the QR code

KOBE PU Air & Water Hose Reels

Auto layering mechanism to prevent jamming. Working pressure 8 bar (120 PSI). Suitable for water up to 45°C. 180° pivoting wall bracket included. 1/4 BSPT.
BS EN ISO 12100: 2010.

Hose Size Bore x Length	Order Code KBE-258
6mm x 12m	-1050K
8mm x 12m	-1060K
10mm x 10m	-1070K

KOBE Hybrid Air & Water Hose Reels

NEW

Designed for professional garages/workshops. Controlled slow rewind with auto layering mechanism to prevent jamming. Suitable for water up to 45°C. Working pressure 18 bar (260 PSI). 180° pivoting wall bracket included - can be fixed to walls or ceilings. 1/4 BSPT.
BS EN ISO 12100 : 2010.

Hose Size Bore x Length	Order Code KBE-258
10mm x 15m	-1160K
10mm x 20m	-1170K
10mm x 30m	-1180K

KOBE Retractable Air Hose Balancer

With adjustable tension return, it retracts when the air tool is released, leaving the work place clear of unwanted lengths of air hose. Ideally suited for in-line production. With spring loaded safety clip for overhead fixing.

Hose length: 1.5m.
Hose I.D.: 5mm.
Hose O.D.: 8mm.
Maximum pressure: 200psi.
Hoist range: 0-1.5kg.

Maximum Tool Weight	Weight each	Order Code KBE-280
1.5kg	850g	-1000K

KENNEDY QUALITY INDUSTRIAL TOOLING Through Flow Air Hose

Open drum 20m air hose reel. Easy wind reel mechanism. 3/8" air hose fitted with two ear hose clips and standard PCL couplings. 15bar working pressure. The axial supply allows the hose to be wound and unwound during operation. Supplied with 1.5m supply connection hose and wall mounting hooks.

20 METRE

Weight each	Order Code KEN-258
4.5kg	-5100K

KOBE Retracting Airline Hoses

With brass 360° swivel couplings, ideal for use in awkward access areas.
Extended length: 7.5m.
Pressure rating: 6.0mm diameter - 250psi
9.5mm diameter - 150psi.

7.5 METRE

Heavy Duty Nylon

Thread (BSPT)	Bore Dia.	Weight each	Order Code KBE-280
Heavy Duty Nylon Air Hose			
1/4"	6.0mm	850g	-1140K
3/8"	9.5mm	850g	-1300K

KOBE Whip Hose Adaptor

Supplies air between supply point and air tool. Prevents vibration damage to couplings and the tool user.
Quick release coupling.
Overall length: 650mm.

0.65 METRE

Thread (BSPT)	Bore Dia.	Weight each	Order Code KBE-280
1/4	6.0mm	145g	-1360K

KENNEDY QUALITY INDUSTRIAL TOOLING Industrial PVC Airline Hose

Reinforced with a polyester fibre braid. Used in pneumatic airline systems, crop spraying, transportation of gases and liquids, decanting of acids, salts and many other chemicals. Fully approved for food contact applications. Operating temperature range of -20°C to +60°C.

30 METRE

Maximum pressure ratings:
6.35mm - 250psi
9.50mm - 150psi
12.7mm - 130psi
19.0mm - 100psi

Supplied in 30m (100ft) reels.

Bore Size (mm)	Weight each	Order Code KEN-258
6.35 (1/4")	3.6kg	-1010K
9.50 (3/8")	4.5kg	-1030K
12.70 (1/2")	5.9kg	-1050K
19.00 (3/4")	9.0kg	-1070K

BLOW GUNS

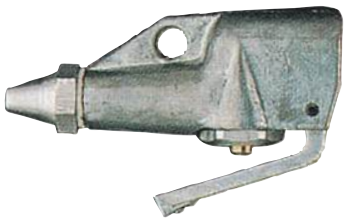
KENNEDY QUALITY INDUSTRIAL TOOLING — Mini Metal Blow Gun

Manufactured from bright nickel chrome plated die cast alloy for a long trouble free life. Complete with safety nozzle as standard. 1/4" NPT air inlet. Normal working pressure with safety nozzle intact is 90psi. If safety nozzle is removed a safe working pressure of 30psi is recommended.

Overall Length	Weight each	Order Code KEN-259
100mm	140g	-5050K

PCL — Mini Metal Blow Gun

Made from die cast alloy for long trouble-free life. Inlet thread 1/4" BSPT. Health and safety regulations dictate that an in-line regulator should be used to restrict pressure to 28psi. With safety nozzle.



Product Reference	Weight each	Order Code PCL-259
BG106	200g	-2106A

KENNEDY QUALITY INDUSTRIAL TOOLING — Flexible Extension

Can be bent into any position to allow you to direct the air flow to exactly the area you require it in. Suitable for use with metal and plastic blow guns.

Overall Length	Weight each	Order Code KEN-259
250mm	10g	-5100K

PCL — Rigid Extension Nozzle

For use with both metal or plastic guns.

Overall Length	Weight each	Order Code PCL-259
230mm	30g	-2466K

PCL — Air Vacuum Gun AirVac

- Includes vacuum and blow functions
- Comes complete with numerous attachments to keep your workspace clean and free of debris

Order Code PCL-259
-2052F

KOBE — Blow Gun

Ideal for awkward and general air dusting jobs with 110mm long angled nozzle allowing projection of airflow directly to required area. Supplied with interchangeable coupling. Trigger style operation. **Minimum working pressure:** 3bar/43psi. **Safe working pressure:** 10bar/150psi.

Temperature Range	Order Code KBE-259
-10 to 50°C	-2500K

PCL — Low Noise Ergo Blowguns

- Reinforced webbing for extra strength
- Easy storage with multiple hanging points
- Air release valve built into the body enables the trigger/airflow to be feathered

Product number	Order Code PCL-259
BG7006	-7006A

PCL — Ergo Safety Blowguns

- Reinforced webbing for extra strength
- Easy storage with multiple hanging points
- Air release valve built into the body enables the trigger/airflow to be feathered
- Extended models have a nozzle which can be adjusted to suit individual applications

bar	psi	Order Code PCL-259
10	140	-8001A

PCL — Blowgun with Conical and Safety Nozzles

- Suited for dispensing both air and water
- Robust and compact design ensures product durability and portability
- Supplied with both a conical and safety
- Manufactured from die cast alloy for resilience
- Powerful delivery of both air and water

Product number	Order Code PCL-259
BG605	-2330D

PCL — Pistol Grip Blow Gun BGN461

Replacement safety nozzle to suit the PCL BG405 pistol grip blow gun.

Model Number	Order Code PCL-259
BGN461	-2461H

KOBE — Pistol Grip Blow Gun

Ideal for general air dusting jobs. Supplied with safety nozzle and interchangeable coupling. Ergonomically designed and impact resistant body with integral air control valve and trigger style operation. **Minimum working pressure:** 3bar/43psi. **Safe working pressure:** 10bar/150psi.

Temperature Range	Order Code KBE-259
-17 to 37°C	-2550K

PCL — Plastic Blow Gun

Special acetalic resin moulded body to resist damage, staining and contamination with a 100% brass inner valve. Adjusts the airflow gradually for delicate working. The 230mm extension nozzle version can be cut and bent to suit user applications. Suitable for use with air or water.

Safe Working Pressure: 2bar/30psi.

Product Number	Nozzle Length	Order Code PCL-259
BG5002	110mm	-2402G
BG5007	230mm	-2407M

PCL — BG105 Blow Gun with Conical Nozzle

The Palm Grip Blowguns are manufactured from high quality die-cast alloy, giving the tool a long trouble-free life.
PCL's Palm Grip Blowguns have a robust and compact design.
-Robust and compact design
-Extensive, easy to fit with additional nozzle range
-Display packed for convenience

Product number	Order Code PCL-259
BG105	-2105K

PCL — Plastic Blow Gun

Anti-slip body made from a special acetalic resin to resist damage, staining and contamination with a 100% brass inner valve. The blow gun adjusts the airflow gradually for delicate working. With 110mm long safety nozzle for access into awkward areas. Suitable for use with both air and water.

Safe Working Pressure: 2bar/30psi.

Nozzle Length	Weight each	Order Code PCL-259
110mm	105g	-2404H

KOBE STAR Spare Pots

Only suitable with Kobe Star spray guns.

Feed Type	Weight each	Order Code STA-259
Gravity (600cc)	100g	**-1500A**
Suction (1000cc)	50g	**-1510B**
Set of No. 4 Baffles & No. 7 Cup Gaskets	10g	**-2500A**

Spare Air Caps

Feed Type	Size (mm)	Weight each	Order Code STA-259
Gravity	1.5	50g	**-2020H**
Suction	1.4 & 1.8	100g	**-2000F**
Suction	1.4	50g	**-2010G**
Suction	2.0	50g	**-2030J**

KOBE STAR Suction Feed Spray Guns

Standard/Professional
Well balanced with large, responsive triggers, and adjustable width of spray. For horizontal or vertical use with cellulose enamel or acrylic paints etc. Both with ¼" NPT male fittings. 30 - 70psi, 7 - 12cfm. Standard model is suitable for applying base coats. Professional is suitable for applying finishing coats.

Weight: 1.3kg.

Nozzle (mm)	Max.Spray Pattern	Order Code STA-259
	Standard	
1.4	240mm	**-1000A**
1.8	280mm	**-1010B**
	Professional	
1.5	255mm	**-1200D**
2.0	265mm	**-1210E**

KOBE STAR Spray Gun Accessories

Spare Needles

Feed Type	Size (mm)	Weight each	Order Code STA-259
Gravity	1.4	10g	**-2120M**
Suction	1.4	15g	**-2100K**
Suction	1.8	16g	**-2110L**
Suction	1.5	15g	**-2130N**
Suction	2.0	15g	**-2140P**

KOBE STAR Gravity Feed Spray Gun

Professional
Well balanced with large, responsive trigger and adjustable width of spray. For horizontal or vertical use with cellulose enamel or acrylic paints etc. With ¼" NPT male fittings. 40 - 60psi, 6 - 12cfm. Screw top.

Weight: 1.10kg.

Nozzle (mm)	Max. Spray Pattern	Order Code STA-259
1.4	195mm	**-1100C**
Spare Filter for STA259-1100C		**-2060S**

Spare Nozzles

Feed Type	Size (mm)	Weight each	Order Code STA-259
Gravity	1.4	35g	**-2220S**
Suction	1.4	30g	**-2200Q**
Suction	1.5	25g	**-2230N**
Suction	2.0	25g	**-2240P**

Repair Kit

Includes replacement air valve, valve spring, needle spring and O-rings.

Feed Type	Size (mm)	Weight each	Order Code STA-259
Gravity	1.5	14g	**-2310V**
Suction	1.4 & 1.8	11g	**-2300T**
Suction	1.5 & 2.0	15g	**-2320W**

Tyre Inflation Equipment

Airforce Tyre Inflator
Clear dial display, modern, lightweight and shock resistant construction. Direct valve design increasing inflation and deflation rates. Built-in swivel and hanging device. Conforms to BSEN 12645:1999.
Calibration type:
0 - 170ibf/in² and 0 - 12bar.
Air inlet: 1/4" BSP.

Guaranteed accuracy - individual testing

Product Reference	Connector Type	Hose Length	Order Code PCL-259
AFG1HO3	Twin Hold-on	21"	**-2004A**

Mini Speed Regulator

Designed to reduce the free speed of air tools with a 1/4" male thread. Ideal product for enabling the user to turn a powerful sander into a precision buffing tool.
-Standard 1/4" male threaded end
-Heavy duty steel material
-Speed wheel allows simple increase or decrease of free speed
-All steel design
-Heavy duty
-Simple operation

Thread size	Order Code PCL-259
1/4in.	**-2028H**

Airforce AFG Tyre inflators

- Large window gives a greater field of viewing
- Biomorphic Shape - Ergonomic, easier to use and less prone to damage when dropped
- Lightweight - Gauge body weighs 923g, less work strain and easier for repetitive use

Model Number	Order Code PCL-259
AFG4H04	**-2010H**
AFG4H05	**-2010M**
AFG4H06	**-2010R**

Airforce MK4 Tyre Inflator

AFG4H03
A robust and highly accurate inflator. Cycle tests now give over 400,000 inflation cycles at 100% accuracy.

Maximum Pressure	Hose Length	Order Code PCL-259
9.6 bar	0.53m	**-2010D**

Tyre Valve Inflator Connector

Twin hold on connector for standard bore tyre valves. Access both inner and outer valves of twin wheel assemblies on commercial vehicles. Open connection for use with tyre inflation gauges. Black rubber handle. 1/4" female air inlet thread.
Overall length: 250mm.

Product Reference	Weight Each	Order Code PCL-259
C01A03	100g	**-3001A**

9" & 21" Hose Tyre Inflator

Scan the QR code

6" Hose Tyre Inflator

Scan the QR code

Tailpieces & Connectors

Case hardened with zinc finish.

Male Threaded Tailpieces

For connecting a hose to a female threaded fitting.

Product Number	Thread Size	Bore Size	Order Code PCL-259
HC5656	G¼"	¼"	-3368N N/A
HC1206	G¼"	5/16"	-3355T N/A
HC1217	G¼"	⅜"	-3360M N/A
HC2479	G¼"	½"	-3362A N/A
HC6904	G⅜"	¼"	-3371T N/A
HC2951	G⅜"	⅜"	-3365D N/A
HC2808	G⅜"	½"	-3364C N/A
HC2954	G½"	½"	-3365H N/A

Reducing Unions

For connecting female threaded fittings of different sizes.

Product Number	Bore Diameter	Order Code PCL-259
HC6899	⅜ x ¼	-3370K N/A
HC6900	½ x ¼	-3370M N/A
HC6901	½ x ⅜	-3370S N/A

Parallel Socket

Female to Female.

Product Number	Thread Size	Order Code PCL-259
HC6889	Rp¼	-3369R N/A

Hose Connector

For joining two lengths of hose or repairing a hose.

Product Number	Bore Diameter	Order Code PCL-259
HC2983	¼ x ¼	-3365P N/A
HC2985	⅜ x ⅜	-3365T N/A
HC2986	½ x ½	-3365W N/A

Double Unions Nuts

For connecting female threaded fittings of the same size.

Product Number	Thread Size	Order Code PCL-259
HC6560	¼ x ¼	-3368X N/A
HC4281	⅜ x ⅜	-3366R N/A
HC6898	½ x ½	-3370G N/A

Reducing Bush - Male to Female

For connecting female threaded fittings to male threaded fittings of a smaller size.

Product Number	Thread Size	Order Code PCL-259
HC6895	R⅜ x R¼	-3370A N/A
HC6896	R½ x R¼	-3370C N/A
HC6897	R½ x R⅜	-3370E N/A

Coned Tailpieces

For use in conjunction with union nuts to connect hose to male threaded fittings.

Product Number	Bore Diameter	Order Code PCL-259
HC5275	¼	-3367W N/A
HC1225	⅜	-3360W N/A

Union Nuts

For use in conjunction with coned tailpieces to connect hose to male threaded fittings.

Product Number	Bore Diameter	Order Code PCL-259
HC5194	¼	-3367H N/A
HC1226	⅜	-3360Y N/A

Y-Piece Connector - Female

For providing two airlines from a single supply.

Product Number	Thread Size	Order Code PCL-259
SPR4279	¼	-4420D N/A

NPT Thread Converter

Specially designed to allow PCL couplings and adaptors to be fitted to 1/4 NPT threads

Product Number	Order Code PCL-259
HC9560	-3451K N/A

Hose Connectors & Accessories

- Allows you to replace various parts of your PCL tyre inflator
- Ensures longevity of your equipment with PCL's 80 years experience

Hosetail	Order Code PCL-259
7.9mm (5/16")	-3367Y N/A

Emergency Coupling Kit

Incudes couplings, adaptors, hose tails, hose connectors, hose clips and PTFE tape to convert or repair an airline connection. Ideal to keep in workshop or van.

Product Number	Order Code PCL-259
ACKIT01	-5020K

KENNEDY QUALITY INDUSTRIAL TOOLING Air Filter Regulator Lubricator

Manometer - supplied separately. See right.

Manual/semi-auto drain as standard.
Rolling membrane regulator with secondary bleed and adjustable knob. 20µm element as standard. Constant oil flow. Fully assembled units comprise a combined filter - regulator - lubricator in modular configuration.

Body: technopolymer.
Bowl: polycarbonate with protector.
Filtration size: 20µm.

Port Size	Flow Rate	Order Code KEN-259
G¼	260ltr/min	-5830K
G⅜	1100ltr/min	-5840K
G½	2500ltr/min	-5850K

KOBE Mini Oiler

Feeds oil directly into the airline ensuring your air tool is well lubricated at all times preventing corrosion. The clear body reservoir allows immediate inspection of the oil level. All brass construction.

Thread (BSP)	Weight each (g)	Order Code KBE-280
¼	130	-1400K

KOBE Water Separator

Continuously removes moisture from the air supply helping to prevent corrosion to the internal components of the air tool. The spring valve allows immediate draining of reservoir without any down time.

Thread (BSP)	Weight each	Order Code KBE-280
¼	110g	-1900K

Pneumatic Fittings

See our range

Scan the QR code

KOBE™

PROFESSIONAL AIR TOOLS

Red Line

Maintenance

Offers high quality and superb value, combined with the design elements of a modern industrial classic. This includes Industrial quality and classically styled products at an affordable price.

Green Line

Ergonomic

Operator friendly features for improved comfort throughout longer periods of use. These products are packed with features made with professional quality in mind.

Blue Line

Industrial

Designed with a higher specification offering user comfort and maximum durability. Including operator friendly features for extra heavy duty use and longer running time.

KOBE 10mm Straight Air Drill

10mm

BCSD10

Exhaust outlet adjusts 360° to direct air flow away from the operator. Keyless chuck and safety lever throttle.

CONTINUOUS USE Designed & Rated For Continuous Use

Motor power: 0.45hp.
Chuck size: 10mm.
Air inlet thread: 1/4" BSP.
Operating pressure: 90psi/6.2bar.
Minimum air hose size (ID): 3/8" (10mm).
Sound pressure level: 92dBA.
Sound power level: 110dBA.
Vibration level: 0.49m/s²
Overall length: 215mm.

Free Speed (rpm)	Weight each	Order Code KBE-270
1,800	1.80kg	-6050K

KOBE 10mm Straight Drill

10mm CHUCK

DS4510L

Stall-resistant, safety lever throttle, high performance, planetary gearing, 3/8" - 24 spindle thread.

Air inlet thread: 1/4" NPT.
Chuck capacity: 10mm.
Minimum air hose size (ID): 3/8" (10mm).
Air pressure: 90psi/6.3bar.
Air consumption: 4cfm* (144ltr/min).
Sound pressure level: 88dBA.
Sound power level: 95dBA.
Vibration level: 2.5m/s².
Overall length: 206mm.

*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
4,500	0.90kg	-1450N

KOBE 10mm Reversible Angle Drill

10mm CHUCK

DAR1510

Fingertip control of reverse, reverse exhaust, 3/8"- 24 spindle thread.

Air inlet thread: 1/4" NPT.
Chuck capacity: 10mm.
Minimum hose size: 3/8"(10mm).
Air pressure: 90psi/6.3bar.
Air consumption: 4cfm*
Sound pressure level: 94dBA.
Sound power level: 106dBA.
Vibration level: 2.6m/s².
Overall length: 178mm.
Overall head height: 94mm.

Free Speed (rpm)	Weight each	Order Code KBE-270
1,500	1.80kg	-1425M

KOBE Pistol Drill

10mm CHUCK

DP2210

Stall resistant, heavy duty bearings, 1/2hp motor, 3/8"- 24 spindle thread.

Air inlet thread: 1/4" NPT.
Minimum air hose size (ID): 3/8" (10mm).
Chuck capacity: 10mm.
Air pressure: 90psi/6.3bar.
Air consumption: 4cfm* (144ltr/min).
Sound pressure level: 87dBA.
Sound power level: 103dBA.
Vibration level: 1.5m/s².
Overall length: 180mm.

*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
2,200	1.10kg	-1375C

KOBE Heavy Duty Pistol Drill

10mm CHUCK

HEAVY DUTY

DP2610

Stall resistant, directional front exhaust, hammer finish casing, needle bearing gears, 3/8" - 24 spindle thread.

Air inlet thread: 1/4" NPT.
Minimum air hose size (ID): 3/8" (10mm).
Chuck capacity: 10mm.
Air pressure: 90psi/6.3bar.
Air consumption: 4cfm* (144ltr/min).
Sound pressure level: 87dBA.
Sound power level: 103dBA.
Vibration level: 2.5m/s².
Overall length: 180mm.

*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
2,600	0.90kg	-1390D

KOBE Reversible Pistol Drill

10mm CHUCK

DPR1810

Stall resistant, heavy duty bearings, thumb switch for reverse, suitable for screwdriving.

Air inlet thread: 1/4" NPT.
Minimum air hose size (ID): 3/8" (10mm).
Spindle: 3/8"- 24.
Chuck capacity: 10mm.
Spindle thread: 3/8" - 24.
Air pressure: 90psi/6.3bar.
Air consumption: 4cfm* (144ltr/min).
Sound pressure level: 85dBA.
Sound power level: 101dBA.
Vibration level: 5.4m/s².
Overall length: 165mm.
*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
1,800	1.40kg	-1400L

KOBE 10mm Reversible Pistol Drill

10mm

Suitable for drilling and screwdriving. Rubber handle. 3/8" keyless chuck. Stall resistant. Short gear case design. Heavy duty gearing system with oil-less bushing. Spring loaded rotor vanes. Rear exhaust.

Chuck capacity: 10mm.
Spindle thread: 3/8" - 24.
Air inlet thread: 1/4" NPT.
Minimum air hose size (ID): 3/8" (10mm).
Air pressure: 90psi/6.2bar.
Air consumption: 3.35cfm*.
Sound pressure level: 95dBA.
Sound power level: 100dBA.
Vibration level: 0.7m/s².
Overall length: 188mm.

*Based on a 15 second cycle per minute average use.

Operator Friendly Composite Handle Grip

Free Speed (rpm)	Order Code KBE-270
1800	-2152K

KOBE 10mm Reversible Pistol Grip Drill

Use for drilling and screwdriving. Two speed trigger. Directional lever accessible from both sides for left/right handed use. 10mm (3/8") chuck included. Planetary gears for longer life and smoother running. Ergonomic comfortable grip.

Recommended air pressure: 6.2bar (90psi).
Air consumption: 4cfm* (113ltr/min).
Air inlet thread: 1/4" NPT.
Spindle thread: 3/8" - 24.
Minimum air hose size (ID): 3/8" (10mm).
Noise level†: 85dBA.
Sound power level†: 96dBA.
Vibration level #: 0.4m/s².
Overall length: 185mm.
†Per EN ISO 15744:2002.
#Per EN 28927-5.

*Based on a 15 second cycle per minute average use.

CONTINUOUS USE
Designed & Rated For Continuous Use

Free Speed (rpm)	Weight each	Order Code KBE-270
1,800	1.10kg	-4310K

KOBE 13mm Reversible Pistol Grip Drill

13mm CHUCK

B2842
Use for drilling and screwdriving.

Recommended air pressure: 6.2bar (90psi).
Air consumption: 4cfm* (113ltr/min).
Air inlet thread: 1/4" NPT.
Spindle thread: 3/8" - 24.
Minimum air hose size (ID): 3/8" (10mm).
Vibration level #: 0.4m/s².
Overall length: 218mm.
†Per EN ISO 15744:2002.
#Per EN 28927-5.

*Based on a 15 second cycle per minute average use.

Operator Friendly Composite Handle Grip

Free Speed (rpm)	Weight each	Order Code KBE-270
800	1.30kg	-4330K

KOBE 13mm Heavy Duty Pistol Drill

13mm CHUCK
HEAVY DUTY

DP513
High reduction gearbox, high torque, 1/2hp motor.

Air inlet thread: 1/4" NPT.
Minimum hose: 3/8" (10mm).
Spindle thread: 3/8" - 24.
Air pressure: 90psi/6.3bar.
Air consumption: 4cfm*.
Sound pressure level: 85dBA.
Sound power level: 101dBA.
Vibration level: 5.4m/s².
Overall length: 180mm.

*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
500	1.80kg	-1500E

KOBE 13mm Reversible Pistol Drill

13mm CHUCK
HEAVY DUTY

FPD500
Suitable for high torque drilling applications as well as screwdriving, hole sawing and cylinder honing.
Heavy duty gearing system with oil-less bushing. Spring loaded rotor vanes. Rear exhaust.

Spindle thread: 3/8" - 24.
Air inlet thread: 1/4" NPT.
Minimum air hose size (ID): 3/8" (10mm).
Air pressure: 90psi/6.2bar.
Air consumption: 3.65cfm*.
Vibration level: 0.4m/s².
Overall length: 240mm.

*Based on a 15 second cycle per minute average use.

Operator Friendly Composite Handle Grip

Free Speed (rpm)	Order Code KBE-270
500	-2142K

KOBE 13mm Reversible Heavy Duty Pistol Drill

13mm CHUCK
HEAVY DUTY

DPR813
Thumb switch for reverse, suitable for screwdriving, heavy duty planetary gearing.

Air inlet thread: 1/4" NPT.
Minimum hose : 3/8" (10mm).
Spindle thread: 3/8" - 24.
Air pressure: 90psi/6.3bar.
Air consumption: 4cfm*.
Sound pressure level: 89dBA.
Sound power level: 101dBA.
Vibration level: 2.5m/s².
Overall length: 178mm.

*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
800	1.80kg	-1525F

KOBE Angle Grinder (100 mm)

GA1011L
Adjustable safety guard, safety lever throttle. Supplied with auxiliary side handle, flanges and spanners. 100 x 3 x 16mm cut-off disc.

Air inlet thread: ¼" NPT. **Spindle thread:** ⅜" - 24. **Minimum air hose size:** 10mm (⅜"). **Air pressure:** 6.3bar (90psi). **Air consumption:** 6cfm* (216ltr/min). **Motor power:** 0.7hp.
Sound pressure level: 89dBA.
Sound power level: 96dBA.
Vibration level: 4.0m/s².
Overall length: 230mm.

*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
11,000	1.80kg	-2050P

KOBE Angle Grinder (115 mm)

GA1211L
Suitable for grinding, cutting-off and sanding. Safety lever throttle. Supplied with auxiliary side handle, flanges and spanners. 115 x 3 x 22mm cut off disc.

Air inlet thread: ¼" NPT. **Spindle thread:** M10 x 1.5mm. **Minimum air hose size:** 10mm (⅜"). **Air pressure:** 6.3bar (90psi). **Air consumption:** 6cfm* (216ltr/min). **Motor power:** 0.7hp.
Sound pressure level: 89dBA.
Sound power level: 96dBA.
Vibration level: 4.0m/s².
Overall length: 240mm.

*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
11,000	1.80kg	-2060Q

KOBE Heavy Duty Angle Grinder (180 mm)

GA1807L
Supplied with front exhaust, safety lever throttle, auxiliary side handle and adjustable safety guard. For grinding only.

Air inlet thread: ¼" NPT. **Spindle thread:** ⅝" UNC. **Minimum air hose size (ID):** 10mm.
Air pressure: 90psi.
Air consumption: 6˝cfm*.
Sound pressure level: 103dBA.
Sound power level: 109dBA.

Vibration level: 2.6m/s².
Overall length: 340mm.

*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
7,000	3.50kg	-5323V

KOBE 50mm Mini Angle Grinder (50 mm)

FAG050m
Disc size: 50 x 4 x 9.6mm. **Air inlet thread:** ¼" NPT. **Minimum air hose size (ID):** ⅜" (10mm). **Air pressure:** 90psi/6.3bar. **Air consumption:** 4cfm*. **Sound pressure level:** 83dBA. **Sound power level:** 92dBA.
Vibration level: 1.7m/s².
Overall length: 140mm.

Operator Friendly Composite Handle Grip

*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
20,000	530g	-2090K

KOBE Reversible Cut-off Tool (76 mm)

FCT076
Disc size: 76 x 1.8 x 9.6mm.
Minimum air hose size (ID): ⅜" (10mm).
Air inlet thread: ¼" NPT.
Air pressure: 90psi/6.2bar.
Air consumption: 4cfm*. **Sound pressure level:** 98dBA. **Sound power level:** 103dBA. **Vibration level:** 0.5m/s². **Overall length:** 185mm.

Operator Friendly Composite Handle Grip

*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
18,000	950g	-1200K

KOBE 115 & 125mm Angle Grinder (115 mm, 125 mm)

Suitable for metal dressing, rust removal, weld preparation and automotive bodywork fabrication. Rubber-cushioned side handle.

Air inlet thread: ¼" NPT.
Spindle thread: M14 x 2.0mm.
Minimum air hose size: 10mm (⅜").
Air pressure: 6.2bar (90psi).
Air consumption: 4cfm* (113ltr/min).
Motor power: 0.7hp.
Sound pressure: 89dBA.
Sound power level: 92dBA.
Vibration level: 1.2m/s².
Overall length: 240mm.
Free speed: 10,000 rpm.

Operator Friendly Composite Handle Grip

*Based on a 15 second cycle per minute average use.

Model Number	Disc Size	Weight each	Order Code KBE-270
FGA120g	115mm	1.95kg	-1960K
FGA130g	125mm	1.96kg	-1980K

KOBE 180mm Angle Polisher (180 mm)

PA1825
For high performance buffing and polishing on bodywork and paintwork. Built-in regulator for consistent performance. Can be used with compounding heads and polishing sponges.

Spindle thread: ⅝" - 11 NPT.
Air inlet thread: ¼" NPT.
Minimum air hose size (ID): ⅜" (10mm).
Air pressure: 6.3bar/90psi.
Air consumption: 4cfm* (144 ltr/min).
Pad size: 180mm.
Sound pressure level: 96dBA.
Sound power level: 103dBA.
Vibration level: 8.2m/s².
O/all length: 380mm.

*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
2,500	2.30kg	-5964F

Spanners

For use with locknuts on angle grinders

Pitch Diameter	Pin	Order Code KEN-280
28	3.4	-2590K

KOBE High Speed Mini Die Grinder

GD2806L

For precision engineers' mould making etc. Safety lever throttle, front exhaust, ultra compact and lightweight.

Collet size: 6mm. **Air inlet thread:** 1/4" NPT.
Minimum air hose size (ID): 10mm (3/8"). **Air pressure:** 90psi.
Air consumption: 4cfm*. **Sound pressure level:** 94dBA.
Sound power level: 103dBA. **Vibration level:** 5.0m/s².
Overall length: 121mm.

Uses Long Collet Nut

*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
25,000	300g	-2035M

KOBE Extended Spindle Die Grinder

GES2506L

For extra reach in 'hard to get at' areas, extended spindle housing allowing two-handed operation, rear exhaust, safety lever throttle.

Collet size: 6mm. **Air inlet thread:** 1/4" NPT.
Minimum air hose size (ID): 10mm (3/8"). **Air pressure:** 90psi.
Air consumption: 4cfm*.

Uses Long Collet Nut

Additional Collets
To suit Kobe and similar grinders.

Collet Size	Order Code KBE-280
3mm	-0073A
1/8" (3.175mm)	-0079A
6mm	-0070A
1/4" (6.35mm)	-0076A
Collet Nut (Short)	-0064A
Collet Nut (Long)	-0067A

Sound pressure level: 93dBA.
Sound power level: 103dBA.
Vibration level: 5.4m/s².
Overall length: 248mm.

*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
25,000	850g	-2040N

KOBE Surface Conditioning & Finishing Kit

SCF2206K

Multi-purpose kit containing: one of each of the following surface preparation discs - fine, medium and coarse. 2x abrasive disc grades - P36, P60, P80 and P120. 1x 6mm diameter shank to fit the backing pad. Includes: GDA2206L, Angle Die Grinder as shown right. Supplied in a sturdy plastic c arry case.

*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
22,000	1.25kg	-7000K

KOBE Straight Die Grinder

GD2206L

Ideally suitable for polishing, buffing and grinding. The robust and durable single piece aluminium body houses the 1/2hp motor and precision balanced bearings provide reliability.
The trigger has a safety catch to prevent accidental starts.

Collet size: 6mm. **Air inlet thread:** 1/4" NPT.
Minimum air hose size (ID): 10mm (3/8"). **Air pressure:** 90psi.
Air consumption: 4cfm*. **Sound pressure level:** 93dBA.
Sound power level: 103dBA. **Vibration level:** 5.4m/s².
Overall length: 170mm.

Uses Short Collet Nut

*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
23,000	500g	-2024K

KOBE Die Grinder Kit

GD22LK

Includes: GD2206L, as shown above. With 3 and 6mm collets, 10 assorted mounted points and robust blow moulded case.

Free Speed (rpm)	Weight each	Order Code KBE-270
23,000	600g	-2030L

KOBE 90 ° Angle Die Grinder

GDA2206L

Safety lever throttle, reverse exhaust, Ideal for polishing, grinding and buffing, suitable for use in confined areas.

Collet size: 6mm. **Air inlet thread:** 1/4" NPT.
Minimum air hose size: 10mm (3/8"). **Air pressure:** 90psi/6.2bar.
Air consumption: 4cfm*. **Sound pressure level:** 85dBA.
Sound power level: 99dBA. **Vibration level:** 7.0m/s².
Overall length: 160mm.

Uses Long Collet Nut

*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
22,000	500g	-2020H

KOBE Straight Die Grinder

FDG180m
For polishing, buffing, deburring and grinding. Rubber handle. Speed regulator, safety release throttle, rear exhaust, ball bearing construction for long tool life.

Contents: mini die grinder, two collet spanners and instructions.
Collet size: ¼" (6mm).
Air inlet thread: ¼" NPT.
Minimum air hose size (ID): ⅜" (10mm).
Air pressure: 90psi/6.3bar.
Air consumption: 4cfm* (144ltr/min).
Sound pressure level: 91dBA.
Sound power level: 98dBA.
Vibration level: 4.53m/s².
Overall length: 158mm.

*Based on a 15 second cycle per minute average use.

Speed regulator

Safety release throttle

Uses Long Collet Nut

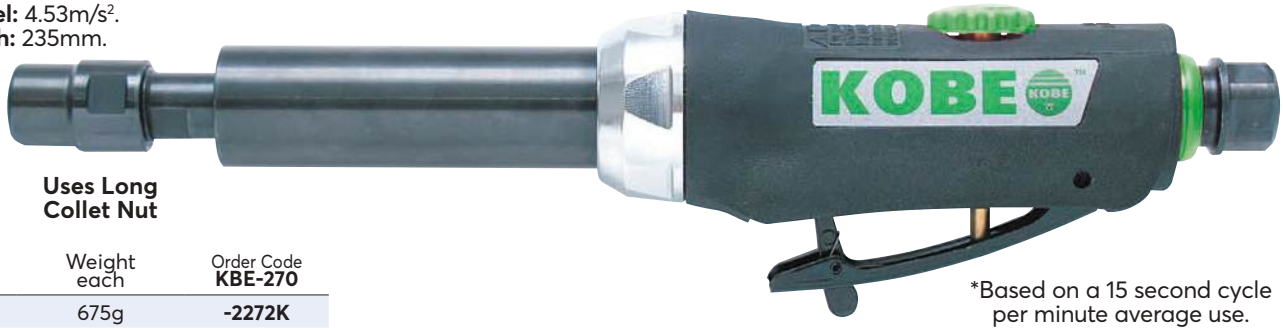
Free Speed (rpm)	Weight each	Order Code KBE-270
25,000	600g	-2262K

KOBE Extended Spindle Die Grinder

HEAVY DUTY

FDG180e
For polishing, buffing, deburring and grinding. Rubber handle. Extended head for flexibility in tight areas. Speed regulator. Safety release throttle. Rear exhaust. Ball bearing construction for long tool life.

Collet size: 6mm. **Air inlet thread:** ¼" NPT.
Minimum air hose size (ID): ⅜" (10mm). **Air pressure:** 90psi/6.2bar.
Air consumption: 4cfm*.
Sound pressure level: 91dBA.
Sound power level: 98dBA.
Vibration level: 4.53m/s².
Overall length: 235mm.


Uses Long Collet Nut

*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
25,000	675g	-2272K

KOBE 90° Angle Die Grinder

FDG090
For polishing, buffing, deburring and grinding. Rubber handle provides grip and operator comfort. Speed regulator. Safety release throttle. Rear exhaust. Ball bearing construction for long tool life.

Collet size: 6mm.
Air inlet thread: ¼" NPT.
Minimum air hose size (ID): ⅜" (10mm).
Air pressure: 90psi/6.2bar. **Air consumption:** 4cfm*.
Sound pressure level: 90dBA.
Sound power level: 97dBA.
Vibration level: 1.24m/s².
Overall length: 160mm.

Uses Long Collet Nut

Operator Friendly Composite Handle Grip

*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
22,000	500g	-2222K

KOBE 115° Angle Die Grinder

FDG115
For polishing, buffing, deburring and grinding. Rubber handle provides grip and operator comfort. 115° angle head for flexibility in tight areas. Speed regulator. Safety release throttle. Rear exhaust. Ball bearing construction for long tool life.

Collet size: 6mm.
Air inlet thread: ¼" NPT. **Minimum air hose size:** ⅜" (10mm).
Air pressure: 90psi/6.2bar. **Air consumption:** 4cfm*.
Sound pressure level: 90dBA.
Sound power level: 97dBA.
Vibration level: 1.05m/s².
Overall length: 195mm.

Uses Long Collet Nut

*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
22,000	524g	-2242K

KOBE Straight Continuous Use Die Grinder

HEAVY DUTY

B3456
Reversible hardened steel ¼" collet. Short body length allowing access into hard to reach areas. Planetary gears for longer life and smoother running. Low profile teasing throttle for precise speed control. Rotating air inlet to prevent the air hose tangling.

Drive size: ¼" (6mm), ⅛" (3mm).
Air pressure: 6.2bar (90psi).
Air consumption: 4cfm* (113ltr/min).
Air inlet thread: ¼" NPT.
Minimum air hose size (ID): 10mm (⅜").
Sound pressure level: 91dBA.
Sound power level: 98dBA.
Vibration level: 4.53m/s².
Overall length: 160mm.

Uses Short Collet Nut

*Based on a 15 second cycle per minute average use.

CONTINUOUS USE Designed & Rated For Continuous Use

Free Speed (rpm)	Weight each	Order Code KBE-270
25,000	0.60kg	-4090K

KOBE Angle Die Grinder

HEAVY DUTY

B3144
Short body length allowing access into hard to reach areas. Planetary gears for longer life and smoother running. Low profile teasing throttle for precise speed control. Rotating air inlet to prevent the air hose tangling.

Collet size: ¼" (6mm), ⅛" (3mm).
Air pressure: 6.2bar (90psi). **Air consumption:** 4cfm* (113ltr/min).
Air inlet thread: ¼" NPT. **Minimum air hose Size (ID):** 10mm (⅜").
Sound pressure level: 90dBA. **Sound power level:** 97dBA.
Vibration level: 1.24m/s².
Overall length: 165mm.

*Based on a 15 second cycle per minute average use.

CONTINUOUS USE Designed & Rated For Continuous Use

Free Speed (rpm)	Weight each	Order Code KBE-270
20,000	0.50kg	-4080K

KOBE 115° Angle Die Grinder

HEAVY DUTY

B3244
Reversible hardened steel ¼" collet. Short body length allowing access into hard to reach areas. Planetary gears for longer life and smoother running. Low profile teasing throttle for precise speed control. Rotating air inlet to prevent the air hose tangling.

Collet size: ¼" (6mm), ⅛" (3mm).
Recommended air pressure: 6.2bar (90psi).
Air consumption: 4cfm* (113ltr/min). **Air inlet thread:** ¼" NPT.
Minimum air hose size (ID): 10mm (⅜").
Sound pressure level: 90dBA. **Sound power level:** 97dBA.
Vibration level: 1.24m/s².
Overall length: 200mm.

Uses Long Collet Nut

*Based on a 15 second cycle per minute average use.

CONTINUOUS USE Designed & Rated For Continuous Use

Free Speed (rpm)	Weight each	Order Code KBE-270
20,000	0.55kg	-4110K

KOBE Extended Straight Die Grinder

HEAVY DUTY

B3555
Use for grinding, polishing, buffing and deburring. The extra length allows you to reach more confined areas. Reversible hardened steel ¼" collet. Planetary gears for longer life and smoother running. Low profile teasing throttle for precise speed control. Rotating air inlet to prevent the air hose tangling.

CONTINUOUS USE Designed & Rated For Continuous Use

Collet size: ¼" (6mm), ⅛" (3mm).
Free speed: 25,000rpm.
Recommended air pressure: 90psi/6.2bar.
Air consumption: 4cfm* (113ltr/min).
Air inlet thread: ¼" NPT.
Minimum air hose size (ID): 10mm (⅜").
Sound pressure level: 91dBA.
Sound power level: 98dBA.
Vibration level: 4.53m/s².
Overall length: 260mm.

*Based on a 15 second cycle per minute average use.

Uses Long Collet Nut

Free Speed (rpm)	Weight each	Order Code KBE-270
25,000	0.68kg	-4140K

KOBE Micro Die Grinder

GM5603
For precision grinding etc. With hose and silencer, ¼" NPT air inlet thread for 5mm air hose, 90psi air pressure, 7cfm* air consumption.

Collet size: 3mm.
Free speed: 56,000rpm.
Sound pressure level: 76dBA.
Sound power level: N/A dBA.
Vibration level: 4.80m/s².
Overall length: 156mm.

*Based on a 15 second cycle per minute average use.

Collets
For Kobe and similar micro grinders.

Collet Size	Order Code KBE-280
⅛"	-0088A
3mm	-0091A
3/32"	-0094A
Collet nut	-0097A

Free Speed (rpm)	Weight each	Order Code KBE-270
56,000	210g	-2543K

KOBE Air Nibbler

NB160
Produces burr free cuts without distortion. Ideal for body shop and sheet metal work, teasing throttle for precise control, ¼" NPT air inlet thread for 10mm air hose, 90psi air pressure, 4cfm* air consumption and a cutting capacity of 1.6mm (steel) to 2.0mm (aluminium).

Sound pressure level: 91dBA.
Sound power level: 104dBA.
Vibration level: 5.9m/s².
Overall length: 180mm.

*Based on a 15 second cycle per minute average use.

Cutting Rate Per Min.	Weight each	Order Code KBE-270
2.6m	900g	**-3400K**

KOBE Punches & Dies for Nibblers

- Burr-free cuts
- Ideal for body shop and sheet metal work
- For use with Kobe NB160 (KBE-270-3400K)

Downstroke

Type	To Suit Model	Weight each	Order Code KBE-280
Punch	NB160	5g	**-0025A**
Die	NB160	75g	**-0028A**

KOBE Shear Head

Produces burr free cuts without distortion. Ideal for body shop and sheet metal work.

To Suit Model	Weight each	Order Code KBE-280
SH120	360g	**-0022A**

KOBE Rapid Cutting Metal Shear

SH120
Produces burr-free cuts without distortion. Ideal for body shop and sheet metal work. Teasing throttle for precise control, ¼" NPT air inlet thread for 10mm air hose, 90psi air pressure, 4cfm* air consumption, cutting capacity of 1.2mm steel to 1.6mm aluminium.

Sound pressure level: 82dBA.
Sound power level: N/A dBA.
Vibration level: 4.2m/s².
Overall length: 200mm.

*Based on a 15 second cycle per minute average use.

Strokes Per Min.	Weight each	Order Code KBE-270
2,200	2.30kg	**-3900K**

KOBE Multi-Purpose Body Saw

BS920L
Produces burr free cuts without distortion. Ideal for body shop and sheet metal work. Teasing throttle for precise control, ¼" NPT air inlet thread, 90psi air pressure, 4cfm* air consumption and a cutting capacity of 1.6mm (steel) to 2mm (aluminium).

Sound pressure level: 91dBA. **Sound power level:** 102dBA.
Vibration level: 5.1m/s². **Overall length:** 235mm.

*Based on a 15 second cycle per minute average use.

Accepts most square-ended blades up to 1mm thick x 12mm wide

Free Speed (rpm)	Weight each	Order Code KBE-270
9,000	550g	**-3500K**

Jigsaw Blades (PK-5)

Product Number	Teeth Per Inch	Order Code CPT-280
CA146720	24	**-1611M**

KOBE Shatter Resistant Body Saw Blades

HSS body saw blade with two tooth pitch variations. 24 tooth (medium) and 32 tooth (fine) to suit a wide range of applications.
Sold in packs of two.

All Hard - For Straight Cuts

Teeth Per Inch	Pack Quantity	Order Code KBE-280
24	2	**-5670K**
32	2	**-5672K**

Bi-Metal - For Curved Cuts

Teeth Per Inch	Pack Quantity	Order Code KBE-280
24	2	**-5674K**
32	2	**-5676K**

KOBE Hammer & Chisel Kit

NEW

HP5040K
Supplied with flat chisel, spot weld breaker, taper punch and rivet cutter. Variable power regulator. Accepts all standard 0.401" shank tools. ¼" NPT air inlet thread for 10mm air hose, 90psi air pressure, 4cfm* air consumption.

Stroke length: 40mm.
Sound pressure level: 112dBA.
Sound power level: 119dBA.
Vibration level: 14.8m/s².
Overall length: 135mm.

*Based on a 15 second cycle per minute average use.

Blows Per Minute	Weight each	Order Code KBE-270
5,000	1.60kg	-3151R

KOBE Pistol Grip Hammer

HP4540
Suitable for use with cutters, punches, spot weld breakers and flat chisels. Supplied with retainer spring. Accepts all standard 0.401" shank tools, ¼" NPT air inlet thread for 10mm air hose, 90psi air pressure, 4cfm* air consumption.
Stroke length: 40mm.
Sound pressure level: 112dBA.
Sound power level: 121dBA.
Vibration level: 15.5m/s².
Overall length: 145mm.

*Based on a 15 second cycle per minute average use.

Group 259

Blows Per Minute	Weight each	Order Code KBE-270
4,500	1.40kg	-3000K

KOBE Heavy Duty Needle Scaler

HEAVY DUTY

NS4030
10 needles for quick removal of rust, paint, scale, flux and corrosion. Slimline body. Lightweight. (For replacement scaling needles, please refer to parts drawing supplied with tool), ¼" NPT air inlet thread for 10mm air hose, 90psi air pressure, 4cfm* air consumption.

Needle diameter: 3mm.
Sound pressure level: 95dBA.
Sound power level: 109dBA.
Vibration level: 12.8m/s².
Overall length: 250mm.

*Based on a 15 second cycle per minute average use.

Blows per minute	Weight each	Order Code KBE-270
5,000	1.25kg	-3300K

Scaler Needles

For use with Kobe Needle Scaler NS4030.

Number of needles	Weight each	Order Code KBE-280
Set 10	140g	-0019A

KOBE Retainers

Suitable for use with all Kobe air hammers.

Type	Weight each	Order Code KBE-280
Quick Change	60g	-0001A
Beehive	80g	-0004A
Zip Change	70g	-0007A

KOBE Air Hammer Chucks

Suitable for use with all Kobe air hammers. Cannot accidentally be released.

Safety Chuck
Spring loaded retainer, that must be unscrewed to allow tool release.

Quick Change Chuck
Spring loaded front collar, that must be pulled forward to allow tool release.

Type	Weight each	Order Code KBE-280
Safety	530g	-0010A
Quick Change	530g	-0013A

KOBE Needle Scaler Attachment

Converts a pneumatic hammer into a needle scaler.

To Suit	Weight each	Order Code KBE-280
All Kobe Air Hammers	865g	-0116A

KOBE Heavy Duty Pistol Grip Hammer

HEAVY DUTY

For a wide range of workshop and automotive uses. Supplied with retainer spring. Accepts all standard 0.401" shank tools, ¼" NPT air inlet thread for 10mm air hose, 90psi air pressure, 4cfm* air consumption.
Stroke length: 90mm.
Sound pressure level: 109dBA.
Sound power level: 119dBA.
Vibration level: 11.2m/s².
Overall length: 225mm.
*Based on a 15 second cycle per minute average use.

Blows Per Minute	Weight each	Order Code KBE-270
2,100	2.00kg	-5513N

KOBE Hammer & Chisel Kit

Supplied with flat chisel, spot weld breaker, taper punch, rivet cutter and sheet metal cutter. Hard hitting long stroke. Accepts all standard 0.401" shank tools. ¼" NPT air inlet thread for 10mm air hose, 90psi air pressure, 4cfm* air consumption.

Stroke length: 90mm.
Sound pressure level: 105dBA.
Sound power level: 118dBA.
Vibration level: 11.5m/s².
Overall length: 230mm.

*Based on a 15 second cycle per minute average use.

Blows per minute	Weight each	Order Code KBE-270
2,000	3.0kg	-3416W

KOBE Air Riveter

RPP480
For blind rivets with 3/32", 1/8", 5/32" and 3/16" nozzles. Comes with a plastic bottle to collect ejected pins.
Air inlet thread: 1/4" NPT.
Minimum air hose size: 10mm (3/8").
Air consumption: 4cfm (113ltr/min)*.
Sound pressure level: 50dBA.
Sound power level: 61dBA.
Vibration level: 0.55m/s2.
Overall height: 274mm.

*Based on a 15 second cycle per minute average use.

Air Pressure	Weight each	Order Code KBE-270
70 - 90psi	1.5kg	-6970K

KOBE Air Rivet Nut Tool

KHRN01
one-step rocker type trigger, quick and easy stroke adjustment, left and right side air inlet for ease of operational control. Suitable for rivet nuts M4-M12

Comes with:
Oiler, 5mm Hex Wrench, 2mm Hex Wrench, 10x11 Wrench, 27x30 Wrench and Rivet nut heads: M4, M5, M6, M7, M8, M9, M10, M11, M12.

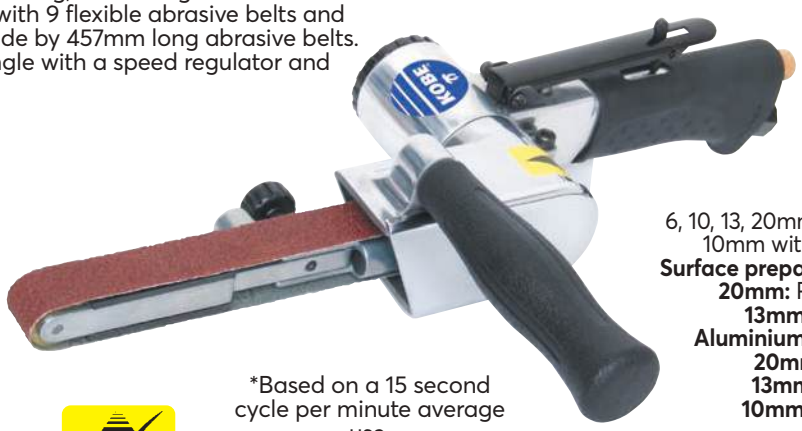
Air inlet thread: 1/4" NPT.
Minimum air hose size: 10mm (3/8").
Min/Max air pressure: Min : 90psi / 6.2 bar / Max :110 psi /7.5 bar.
Sound power level: 92.8dBA.
Vibration level: 0.48m/s2.
Dimensions (HxWxD): 277x118x105mm.

Model Number	Weight each	Order Code KBE-270
KHRN01	2.2kg	-1150K

KOBE Mini Belt Sander Kit

MBS025-X
Suitable for shaping, paint removal, weld sanding, smoothing and rust removal on flat or curved surfaces. Supplied with 9 flexible abrasive belts and 5 contact arms. Uses 6, 10, 13 and 20mm wide by 457mm long abrasive belts. Adjustable multi-positional sanding arm angle with a speed regulator and rear handle exhaust with noise baffler.

Air inlet thread: 1/4" NPT.
Minimum air hose size (ID): 10mm (3/8").
Air consumption: 4cfm* (113ltr/min).
Air pressure: 90psi/6.3bar.
Motor power: 0.6hp.
Sound pressure level: 84dBA.
Sound power level: 92dBA.
Vibration level: 0.80m/s².
Overall length: 390mm.



Page 112

CONTINUOUS USE
Designed & Rated For Continuous Use

*Based on a 15 second cycle per minute average use.

Kit contents:
Contact arms:
6, 10, 13, 20mm with flat roller.
10mm with rounded roller.
Surface preparation file belts:
20mm: P80 grit (coarse),
13mm: P300 grit (fine)
Aluminium oxide file belts:
20mm: P60, P80 grit,
13mm: P80, P120 grit,
10mm: P120, P150 grit,
6mm: P150 grit.
4mm hexagon key L-wrench.

Free Speed (rpm)	Weight each	Order Code KBE-270
18,000	1.36kg	-2880K

KOBE Mini Belt Sanders

Suitable for flat, concave and convex surfaces. Sanding arm can be rotated to any angle - improved access in confined spaces, saves space when storing the tool. Spare belt and hex wrench included. Ergonomic and comfortable rubber grip for reduced vibration. Low profile teasing throttle for precise speed control. Directional rear exhaust.
Air inlet thread: 1/4" NPT
Minimum air hose size (ID): 10mm (3/8").
Air consumption: 4cfm* (113ltr/min).
Air pressure: 90psi/6.2bar.
Overall length/folded length:
R5218: 305/207mm,
R5228: 470/310mm,
R5238: 420/255mm.

*Based on a 15 second cycle per minute average use.

R5238

Model Number	Belt Size W x L (mm)	No Load Speed	Weight each	Order Code KBE-270
R5218	6 x 330	18,000rpm	0.85kg	-4250K
R5228	13 x 610	18,000rpm	0.95kg	-4270K
R5238	20 x 520	16,000rpm	1.60kg	-4200K

KOBE 1/3 Sheet Heavy Duty Orbital Sander

FOS890
For use on wood, metal, plastics, fibre glass, fillers etc. Connects to 10mm hose, dust extraction, adjustable speed regulator, low noise, vibration damped.

Pad size: 165 x 90mm. **Sheet size:** 93 x 230mm. **Air inlet thread:** 1/4" NPT.
Minimum air hose size (ID): 3/8" (10mm).
Air pressure: 6.3bar/90psi.
Air consumption: 4cfm* (144ltr/min).
Sound pressure level: 91dBA.
Sound power level: 105dBA.
Vibration level: 16.6m/s².
Overall length: 175mm.

Free Speed (rpm)	Weight each	Order Code KBE-270
8,000	1.80kg	-7291Q

*Based on a 15 second cycle per minute average use.

KOBE 75mm Air Random Orbital Sander

BROS3 - Heavy Duty
High speed random orbital sander with an adjustable power regulator to match the speed to the job. Lightweight design makes it easy to use in confined areas.
Ball bearing construction for long tool life.

Motor power: 0.40hp
Air inlet thread: ¼" BSP.
Backing pad size: 75mm (3").
Sound power level: 91dBA.
Vibration level: 6.3m/s².

Backing pad: Hook-n-Loop.
Operating pressure: 90psi/6.2bar.
Minimum air hose size (ID): ⅜" (10mm).
Overall length: 125mm.

CONTINUOUS USE
Designed & Rated For Continuous Use

Free Speed (rpm)	Order Code KBE-270
18,000	-6010K

Spare Flexible Backing Pad

Diameter (mm)	Order Code KBE-280
75	-0210A

KOBE Mini Polisher Kit

GMPK3 - 75mm (3") Mini Polisher Kit
Compact and lightweight for ease of use in confined areas.
Kit contents: mini polisher, hook-n-loop backing pad, spanner, 90mm (3½") fine polishing sponge (white), 90mm (3½") coarse polishing sponge (yellow) and 90mm (3½")lambs wool polishing bonnet.

Motor power: 0.25hp.
Air inlet thread: ¼" BSP.
Backing pad size: 75mm (3").
Sound power level: 94dBA.

Vibration level: 0.77m/s².
Overall length: 115mm.
Operating pressure: 90psi/6.2bar.
Minimum air hose size (ID): ⅜" (10mm).

FRIENDLY OPERATOR
Operator Friendly Composite Handle Grip

6 PIECES

Free Speed (rpm)	Order Code KBE-270
3,200	-6740K

Spare 3 ½" Polishing Sponges

Colour/ Grade	Order Code KBE-280
White/Fine	-0160A
Yellow/Coarse	-0161A
Lamb Wool	-0162A

KOBE Mini Random Orbital Sander Kit

FO5003mk
Uses 2" and 3" backing pads. Two finger throttle for easier control and less fatigue. Adjustable power regulator to match the speed to the job. Ball bearing construction for a long tool life.

Accessories included: 2" and 3" backing pads. 10x 2" diameter sanding discs - 320, 400 and 600 grit. 10x 3" diameter sanding discs - 320, 400 and 600 Spindle key and instructions. Supplied in a robust blow-moulded carry case.

Air inlet thread: ¼" NPT.
Minimum air hose size (ID): ⅜" (10mm).
Air consumption: 4cfm*.
Vibration level: 0.9m/s².

*Based on a 15 second cycle per minute average use.

FRIENDLY OPERATOR
Operator Friendly Composite Handle Grip

Free Speed (rpm)	Weight each	Order Code KBE-270
15,000	611g	-2103K

KOBE 150mm Random Orbital Palm Sander Self-Vacuum Type

*Based on a 15 second cycle per minute average use.

R5666
Suitable for shaping, blending and smoothing of body filler and rapid material removal. Random 5mm diameter orbit for a swirl-free finish - can be used for wet sanding. 150mm diameter Hook & Loop backing pad with a 600A hole pattern. 1.6m extraction hose. Can be connected to a portable dust collection system or supplied cotton bag to help reduce airborne dust and clean-up time. One handed operation with a rubber grip.

Orbit diameter: 5mm (3/16").
Suction type: self-generating vacuum.
Spindle size: 5/16".
Recommended air pressure: 6.2bar/90psi.
Air consumption: 3cfm* (85ltr/min). **Air inlet thread:** ¼" NPT.
Minimum air hose size (ID): 10mm (⅜"). **Motor power:** 0.25hp.
Sound pressure level: 88dBA. **Sound power level:** 76dBA.
Vibration level: 5.2m/s². **Overall length:** 210mm.

Free Speed (rpm)	Weight each	Order Code KBE-270
12,000	1.47kg	-4170K

Group 203

KOBE 150mm Random Orbital Sander

FSO150
Suitable for shaping, blending, smoothing body filler and rapid material removal. Rubber handle. Random orbit. Can be used for wet sanding.
Rotating air inlet to prevent tangling.
Speed control for easy adjustment.

Free Speed (rpm)	Weight each	Order Code KBE-270
12,000	1.04kg	-2720K

KOBE Pistol Screwdriver Kit

SP1825K
¼" NPT air inlet thread for 10mm air hose, 90PSI air pressure, 4cfm* air consumption, 45 - 115lbs/inch. ¼" hex drive capacity.

Sound pressure level: 90.55dBA.
Sound power level: 102dBA.
Vibration level: 4.6m/s².
Overall length: 178mm.

Contents:
SP1825 screwdriver.
Hexagon wrench and spanner.
No.1, 2 and 3 x 50mm crosspoint bits.
4, 5 and 6mm x 50mm slotted bits.
No.2 x 100mm crosspoint double-ended bit.

*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
1800	900g	-3850K

KOBE Straight Screwdriver Kit

SS1525K
¼" NPT air inlet thread for 10mm air hose, 90PSI air pressure, 4cfm* air consumption, 10 - 30lbs/inch torque. ¼" hex drive capacity.

Sound pressure level: 91dBA.
Sound power level: 104dBA.
Vibration level: 3.2m/s².
Overall length: 210mm.

Contents:
SS1525 screwdriver.
Two clutch springs:
Clutch Spring No.06-703-13
Dia 2.3mm; 1Nm - 3Nm
Clutch Spring No.06-703-23
Dia 1.8mm; 0.3Nm - 0.7Nm
2x spanners.
Clutch adjusting wrench.
¼ NPT nipple. Mini oil bottle.
No.1 x 65mm crosspoint double ended bit.
5 x 50mm slotted bit.

*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
1700	900g	-3800K

KOBE Automatic Shut-off Screwdriver 0.6 - 5.1Nm

CSP005S
Suitable for production and assembly applications. Push to start type with auto shut-off clutch. Three interchangeable torque springs allow for easy conversion for new applications. External torque adjustment does not require disassembly of the tool. Variable speed throttle. Ergonomically contoured grip for operator comfort. Hanging ring included.

Chuck size: ¼" (6mm) hex.
Air inlet thread: ¼" NPT.
Minimum air hose size (ID): ⅜" (10mm).
Green torque spring:* 0.6 - 2.1Nm (5 - 19in/lbs).
Black torque spring: 1.1 - 4.3Nm (10 - 38in/lbs).
Yellow torque spring: 1.7 - 5.1Nm (15 - 45in/lbs).
Air pressure: 6.3bar/90psi.
Air consumption: 4cfm* (144ltr/min).
Sound pressure level: 84dBA.
Sound power level: 93dBA.
Vibration level: <0.5m/s².

*Based on a 15 second cycle per minute average use.

Overall Length	Weight each	Order Code KBE-270
210mm	815kg	-3760K

KOBE Speed Ratchets

3/8 | 1/2

SR375 3/8" square drive, 10mm bolt capacity.
SR500 1/2" square drive, 13mm bolt capacity.
Ball type retainer, disc type reversing action, compact, lightweight design, ideal for automotive work, front exhaust.

Free speed: 150rpm.
Air inlet thread: 1/4" NPT.
Minimum air hose size (ID): 10mm (3/8").
Air pressure: 6.2bar/90psi.
Air consumption: 4cfm* (113ltr/m).
Torque: 50ft/lbs.
Overall length: 255mm.

	KBE - 270 2375K	KBE - 270 2500K
Sound pressure level:	89dBA	89dBA
Sound power level:	96dBA	89dBA
Vibration level:	4.0m/s²	4.0m/s²

*Based on a 15 second cycle per minute average use.

Model Number	Square Drive	Weight each	Order Code KBE-270
SR375	3/8"	1.10kg	**-2375K**
SR500	1/2"	1.10kg	**-2500K**

KOBE Speed Ratchet 1/4" Square Drive

1/4

R7722
Suitable for the removal and installation of threaded fasteners. Reversible hardened steel 1/4" square drive. Short body length allowing access into hard to reach areas. Planetary gears for longer life and smoother running. Low profile throttle for precise speed control. Rotating air inlet to prevent the air hose tangling.

Drive size: 1/4" (6mm).
Free speed: 200rpm.
Recommended air pressure: 6.2bar/90psi.
Air consumption: 4cfm* (113ltr/min).
Working torque range: 7 ~ 27nm (5 ~ 20ft/lbs).
Air inlet thread: 1/4" NPT.
Minimum air hose size (ID): 10mm (3/8").
Sound pressure level: 80dBA.
Sound power level: 88dBA.
Vibration level: 1.8m/s².
Overall length: 200mm.

Protective rubber head cover | **Lever operated throttle** | **Directional rear exhaust** | **Forward/ Reverse lever switch** | **Adjustable air (speed) regulator** | **Vibration dampened rubber grip**

*Based on a 15 second cycle per minute average use.

Overall Length	Weight each	Order Code KBE-270
200mm	0.65kg	**-4010K**

KOBE Speed Ratchets

3/8 | 1/2

FSR375 3/8" square drive. **Working torque range:** 5 - 20ft.lbs (7 - 27Nm). **Overall length:** 205mm. **Free speed:** 200rpm.
FSR500 1/2" square drive. **Working torque range:** 10 - 50ft.lbs (14 - 68Nm). **Overall length:** 265mm. **Free speed:** 150rpm.

Suitable for the removal and installation of threaded fasteners when doing automotive and light assembly work. Reversible hardened steel square drive. Rubber handle provides grip and operator comfort with reduced hand chill. Three planetary gears for longer life and smoother running. Rubber cover protects the ratchet head and the workpiece. Short body length allows access into hard to reach areas.
Low profile teasing throttle for precise speed control. Rotating rear exhaust with baffle for reduced noise. Rotating air inlet to prevent the air hose tangling.
Adjustable air regulator.

FRIENDLY OPERATOR
Operator Friendly Composite Handle Grip

Air inlet thread: 1/4" NPT.
Minimum air hose size (ID): 10mm (3/8").
Air pressure: 6.2bar/90psi.
Air consumption: 4cfm* (113ltr/min).

	KBE - 270 2360K	KBE - 270 2300K
Sound pressure level:	84dBA	80dBA
Sound power level:	88dBA	87dBA
Vibration level:	1.8m/s²	2.6m/s²

*Based on a 15 second cycle per minute average use.

Model Number	Square Drive	Working Torque Range	Overall Length	Weight each	Order Code KBE-270
FSR375	3/8"	7-27Nm	205mm	640g	**-2360K**
FSR500	1/2"	14-68Nm	265mm	1.20kg	**-2300K**

KOBE Impact Wrench

½

B7444
Suitable for production and assembly applications. Twin hammer mechanism. Fixed inlet and exhaust.

Forward: position 1: 4000rpm,
position 2: 5000rpm,
position 3: 7000rpm.
Reverse: position 1: 3000rpm,
position 2: 5000rpm,
position 3: 7000rpm.

Collet size: ½" (13mm).
Maximum torque:
1112Nm (600ft/lbs).
Working torque:
68-786Nm
Recommended air pressure:
6.2bar/90psi.
Air consumption: 4cfm* (113ltr/min).
Air inlet thread: ¼" NPT.
Minimum air hose size (ID): 10mm (⅜").
Sound pressure level: 83dBA.
Sound power level: 90dBA.
Vibration level: 6.8m/s².
Overall length: 183mm.

CONTINUOUS USE
Designed & Rated For Continuous Use

*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
7,000	1.94g	-4040K

KOBE Impact Wrench Kit

½

IWS500
Includes: ½" impact wrench IW500.
10 metric sockets: 9 - 27mm. Threaded tailpiece, in-line mini-oiler and oil bottle. Aluminium housing, 10 position power regulator, thumb switch for reversing, ¼" NPT air inlet thread for 10mm air hose, 90psi air pressure, 300ft/lbs torque, 4cfm* air consumption, 16mm bolt capacity. Supplied in blow moulded case.

Sound pressure level:
93dBA.
Vibration level: 1.219m/s².
Overall length: 191mm.

*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
7,000	4.30kg	-2350K

KOBE Impact Wrench

½

IW500
One piece aluminium housing, 10 position power regulator, thumb switch for reversing, ¼" NPT air inlet thread for 10mm air hose, 90psi air pressure, 300ft/lbs torque, 4cfm* air consumption, 16mm bolt capacity.
Sound pressure level: 88dBA.
Vibration level: 4.2m/s².
Overall length: 191mm.

*Based on a 15 second cycle per minute average use.

Free Speed (rpm)	Weight each	Order Code KBE-270
7,000	2.30kg	-2316P

KOBE Stubby Impact Wrench - Twin Hammer

½

KSW120
Suitable for light workshop and garage use. Stubby design allows access to hard to reach work spaces and soft grip handle helps to reduce vibration. Other features include a forward/reverse speed regulator, as well as a downward facing exhaust in handle to lower noise level.

Free speed: 10,000rpm,
forward: position 1 8,000rpm,
position 2 10,000rpm,
position 3 11,000rpm,
reverse: position 1 8,000rpm,
position 2 10,000rpm,
position 3 11,000rpm.
Maximum torque: 678Nm (500ft/lbs).
Working torque range:
34-407Nm (25-300ft/lbs).
Recommended air pressure: 6.2bar(90psi).
Air consumption: 4cfm*
Air inlet thread: ¼" NPT.
Hose size (ID): 10mm (⅜").
Overall length: 120mm.
Weight: 1.54kg.

*Based on a 10 second cycle per minute average use.

Model Number	Order Code KBE-270
KSW120	-2310K

KOBE Impact Wrench

3/4

IW750
One-piece aluminium housing, 10 position power regulator, thumb switch for reversing, ¼" NPT air inlet thread for 10mm air hose, 25mm bolt capacity. 90psi air pressure, 7.5cfm* air consumption. 700ft/lbs torque.

Sound pressure level: 83dBA.
Vibration level: 0.449m/s².
Overall length: 245mm.

*Based on a 15 second cycle per minute average use.

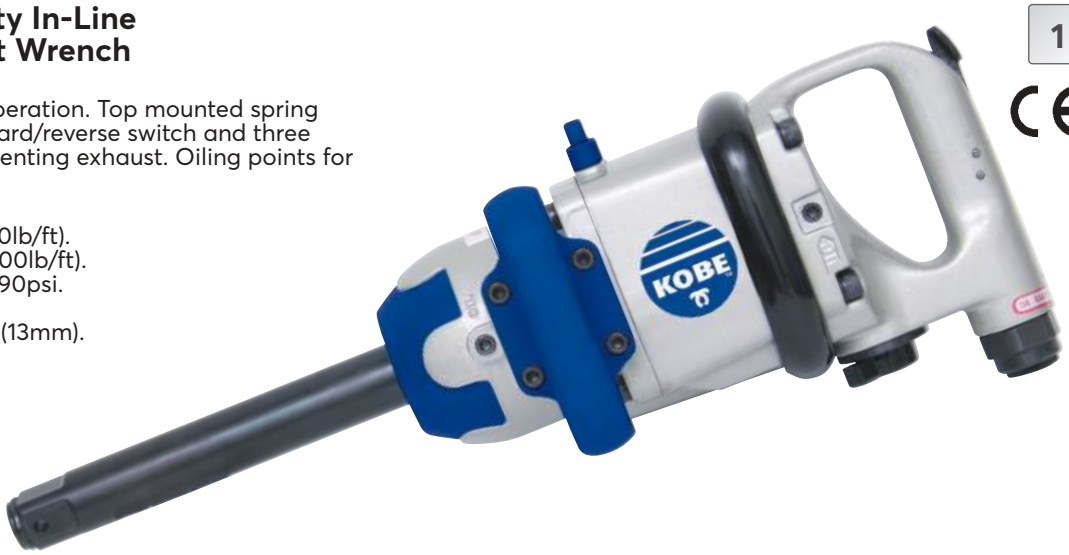
Free Speed (rpm)	Weight each	Order Code KBE-270
4,200	5.00kg	-2325S

KOBE Heavy Duty In-Line Air Impact Wrench

1

IWS100X
Side handle for two-handed operation. Top mounted spring balance loop. Easy to use forward/reverse switch and three position power regulator. Top venting exhaust. Oiling points for daily maintenance.

Final drive: 1" (25mm) hex.
Working torque: 2,030Nm (1500lb/ft).
Maximum torque: 2,300Nm (1700lb/ft).
Safe working pressure: 6.2bar/90psi.
Air inlet thread: ½" NPT.
Minimum air hose size (ID): ½" (13mm).
Air pressure: 6.3bar/90psi.
Air consumption: 7.0cfm.
Sound pressure level: 87dBA.
Vibration level: 5.9m/s².
Overall length:
500mm.



Free Speed (rpm)	Weight each	Order Code KBE-270
3,300	9.34kg	-1630B

KOBE 3/8" Impact Wrench

3/8

Suitable for smaller workshops and garages. Double hammer mechanism. Four-stage adjustable air regulator (speed) forward/backward. Ergonomic comfortable handle. Start/stop.Controllable with one finger. Downwards is an external exhaust in the handle.

Idle speed/min: 10,100
Maximum torque: 393Nm (290ft/lbs).
Working torque: 339Nm (250ft/lbs).
Air pressure: 6.2bar (90psi).
Air consumption: 3.4cfm*.
Air inlet thread: 1/4" NPT.
Minimum air clearance
Hose (ID): 10mm (3/8").
Overall length: 160mm.

*Based on a 15 second cycle per minute average use.

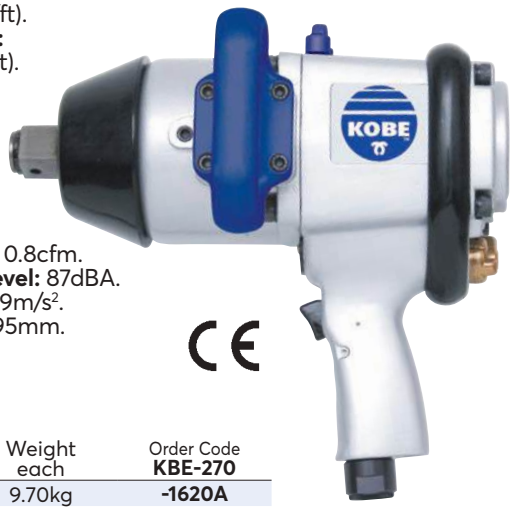
Product Number	Order Code KBE-270
G7321	-5820K

KOBE Pistol Grip Air Impact Wrench

1

IWP100-X
Front or rear mounting spring balance loop. Forward/reverse switch and three position power regulator. Forward facing exhaust. Oiling points for daily maintenance.

Final drive: 1" (25mm) hex.
Working torque:
2,240Nm (1600lb/ft).
Maximum torque:
2,712Nm (1800lb/ft).
Air inlet thread:
½" NPT.
Minimum air hose size (ID):
½" (13mm).
Air pressure:
6.3bar/90psi.
Air consumption: 0.8cfm.
Sound pressure level: 87dBA.
Vibration level: 5.9m/s².
Overall length: 295mm.



Free Speed (rpm)	Weight each	Order Code KBE-270
3,400	9.70kg	-1620A

Bench Mounted Pillar Drill, 230V

- Integrated magnetic NVR (No Volt Release) Stop/Start & Emergency Stop switch
- Telescopic drill guard
- Quick and easy speed adjustment
- Sturdy cast iron table and base
- Thermal cut out protection for prolonged life of the motor

Weight kg	Motor Power W	Order Code SIP-277
14.7	350	-0762K

Floor Pillar Drill

01705 F20-16

- Motor: 550w
- Voltage: 230V (13amp)
- Weight: 53kg
- Drill capacity: 16mm (steel)
- Keyed chuck capacity: 3mm - 16mm
- Easy lock motor adjustment
- Sturdy cast iron tilting table

Weight kg	Motor Power W	Order Code SIP-277
53	55	-0763R

Bench Grinder

07628

Featuring robust metal housing, lubricated spindle bearings and tool rest adjustment.

- 550W
- 230V
- Wheel diameter: 200mm
- For the professional user
- Supplied with wire wheel, adjustable tool rests, eye shields, spark arrestors and wheel guards

Motor Rating W	Grinding Wheel Diameter (mm)	Order Code SIP-277
550	203	-0759N

Bench Pillar Drill

01702 B16-16

16 speed settings, fan cooling for improved heat dissipation.

- 375W
- 230V
- Max. load speed: 2,770rpm
- Max. chuck capacity: 16mm
- Max. drilling: 16mm (steel)
- Table size: 420 x 250mm

Grinding Wheel Diameter (mm)	Order Code SIP-277
150	-0759P

KOBE Professional Heat Gun Kit - 2000W

For use in a variety of settings such as soldering, welding PVC, shaping, drying, shrink-fitting, stripping paint, removing sticky labels etc. Temperature and air flow controls allow for precise settings to be achieved. LCD display to show temperature and air flow settings. Ceramic heating element increases longevity and provides optimal quality. Thermal cut-out protection prevents the tool from damage due to overheating. Memory storage of last used settings for quick start-up. Can be used free-standing on a work surface facing upwards for hands-free use.

Working temperature: 50-650°C.
Accessories: 4 detachable nozzles, paint scraper and moulded carry case

2000 WATTS

LCD DISPLAY

Voltage	Order Code KBE-279
240V	-2150K

OSAKI POWER TOOLS Engraver Kit

ENG003
Electric hand held engraver with positive on/off switch and 5 position stroke adjuster for varied engraving depths. For use on metals, plastics, glass, ceramics, wood and leather.

- 5-Position adjustable engraving depth.
- Includes 2 tips and template for letters and numbers.
- Soft grip.
- Positive On/Off.
- 1.8m cable.

53 PIECES

Voltage	Weight each	Order Code OSA-279
230V	375g	-9810K

KOBE Submersible Water Pump

750 WATTS

240V

230ltr PER MIN

10m CABLE

WPS 750
Suitable for the effective draining of cellars, cisterns and the general transfer of water. Capable of continuous and reliable running, strong double insulated case with no metal parts are in contact with the water. Overload protection and easy to remove filters for cleaning and access to the impeller. Fitted with an automatic float switch and a multi hose adaptor (25, 32, 38mm), can handle solids up to 5mm diameter.

Motor: 750W.
Maximum delivery height: 8.5m.
Power cable: 10m.
Flow rate: 230ltr.

Model Number	Order Code KBE-279
WPS 750	-4470K

KOBE Multi-Tool Accessory Kit

Fitted plastic case containing 53 piece multi-tool kit for a range of surface cleaning and polishing tasks.

Contents:
1x silicon carbide sanding wheel with ⅛" diameter shank, 1x aluminium oxide sanding wheel with ⅛" diameter shank, 1x holder ¼" x ½", 1x holder ½" x ½", 1x mandrel shank dia: ⅛", 1x nylon end brush, 1x wire cup brush, 2x grinding wheel ⅛" x 13/16", 30x cutting disc 1/32" x 15/16", 6x sanding band ½" x ½", 8x sanding band ¼" x ½".

Product Number	Order Code KBE-280
KIT53PC	-3380K

COATED DISC BACKING PADS

Coated Disc Backing Pads

- Backing pads are commonly grouped by diameter
- Attachment method: the devices feature both threaded shanks and inserts for fixing the pad onto a tool
- Type of surface sanded: Thin, firm pads are preferable for flat surfaces
- Thick, medium to soft pads are recommended for curved surfaces

1

Order Code **KBE-280** **-0201A**

Order Code **KBE-280** **-0202A**

2

Order Code **YRK-280** **-4100K**

3

Order Code **KEN-280** **-3110K**

4

Order Code **KEN-280** **-3230K**

5

Order Code **KEN-280** **-3210K**

6

Order Code **KEN-280** **-3870K**

7

Order Code **KEN-280** **-3920K**

8

Order Code **KEN-280** **-3330K**

Random Orbital Sander

9

Order Code **KEN-280** **-3310K**

10

Order Code **KEN-280** **-3370K**

11

Order Code **KEN-280** **-3390K**

Image	Brand	Order Code	Attachment Type	No of Holes	Application	Thread size/ Attachment type	Suitable for disc (Dia.)
1	Kobe	KBE2800201A	Hook-n-Loop	0	Flexible	M6 male	50mm
1	Kobe	KBE2800202A			Flexible	M6 male	75mm
2	York	YRK2804100K			Flexible	M14 x 2mm	100mm
3	Kennedy	KEN2803110K			Medium	M14 x 2mm	115mm
4	Kennedy	KEN2803230K	Hook-n-Loop	0	Medium	M14 x 2mm	125mm
5	Kennedy	KEN2803210K			Medium	5/18" UNC	
6	Kennedy	KEN2803870K	Adhesive	0	Medium	5/16" UNF male	150mm
7	Kennedy	KEN2803920K		6	Medium		
8	Kennedy	KEN2803330K	Hook-n-Loop	0	Medium	M14 x 2mm	
9	Kennedy	KEN2803310K			Medium	5/8" UNC	
10	Kennedy	KEN2803370K			Medium	5/16" UNF male	
11	Kennedy	KEN2803390K		6	Medium		

FIBRE DISC BACKING PADS & DISCS

Dust is a problem

Airborne particles

The creation of airborne particles is inherent in most abrasive processes. The composition and physical cross section (quantity and distribution of particles sizes) depends on the workpiece and the properties of the abrasive product being used.

Airborne particles are hazardous to operators through contact with exposed skin or eyes, and especially by inhalation.

Extremely fine airborne particles can be particularly hazardous, as they are often invisible to the naked eye and are more easily absorbed into lungs and respiratory tracts, leading to long-term health risks.

Why dust extraction matters

Shop Cleanliness
Shop environment and operator satisfaction

Productivity / Rework
Impacts cycle time

Health & Safety
Increase focus on operator health

An extensive criterion applies to the selection of back-up pads encompassing the method of use and the product's physical characteristics. The following must be taken into consideration:

- **Size:** Backing pads are commonly grouped by diameter.
- **Attachment method:** The devices feature both threaded shanks and inserts for fixing the pad onto a tool.
- **Type of surface sanded:** Thin, firm pads are preferable for flat surfaces. Thick, medium to soft pads are recommended for curved surfaces.
- **Grit characteristics:** A lower grit number reflects a more aggressive grit. A grit disc with a 50 grit ranking, for example, would require a firmer pad while a soft to medium pad would be more appropriate for a 230 grit disc.

KENNEDY QUALITY INDUSTRIAL TOOLING — Fibre Disc Backing Pads

- The hard pads are ventilated to keep the sanding disc cooler, especially when grinding metal, making them the best choice for coarser grade discs
- Select a medium grade for a good general purpose choice
- The flexible pads are ideal for use on finer grades where the flexible rim will help avoid gouging and score marks

Order Code KEN-280	Thread size/ Attachment type	Application	Type	Suitable for disc (Dia.)
-2010K	M10 x 1.25mm	Medium	Plain	100mm
-2030K	M10 x 1.5mm			
-2050K	3/8" UNF			
-2110K	M10 x 1.5mm	Medium	Plain	115mm
-2130K	M14 x 2mm			
-2210K	5/8" UNC	Medium	Plain	125mm
-2230K	M14 x 2mm			
-2310K	5/8" UNC	Medium	Plain	178mm
-2330K	M14 x 2mm			
-2350K	5/8" UNC			

KOBE — Hook-n-Loop Backed Sanding Discs

No Holes

SiC

Random Orbital Sander

- No spanners required
- 100% of disc can be used, material removal rate is therefore increased
- Can be repeatedly removed and re-applied
- Silicon carbide abrasive especially suitable for automotive body preparation prior to spraying and for cutting back two-pack paint finishes
- Can be used wet or dry

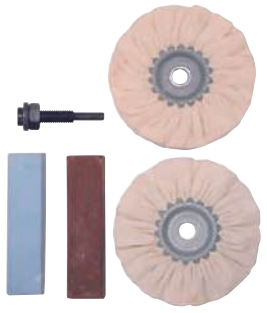
-0203A -0204A -0205A -0206A -0207A -0208A

For use on	Diameter	Grade	Grit	Max RPM	Pack Qty	Order Code KBE-280
• Automotive body preparation prior to spraying • Cutting back two-pack paint finishes	50mm	Very Fine	P320		25	-0203A
		Extra Fine	P400			-0204A
			P600			-0205A
	75mm	Very Fine	P320			-0206A
		Extra Fine	P400			-0207A
			P600			-0208A

YORK ABRASIVES Polishing Mop Kits

Polisher | Right Angle Grinder

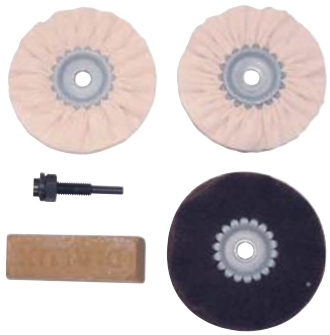
A complete high performance surface finishing solution, producing a mirror finish in three stages. For use with drills, bench grinders or die grinders. All mops are pleated to run cooler and carry more composition.



-9420K

-9440K

-9400K



-9460K

Kit For	Mops		Disc	Arbor	Polishing Bars					Order Code YRK-280
	Calico 10 Folds	Sisal 4 Sections	Denibbing 4 Sections	Secure Holding	Brown	Dark Brown	Blue	Beige	Pink	
	Unstitched 100 x 2.5mm 9.5mm Bore		Stitched 100 x 25mm 9.5mm Bore	100 x 25mm 9.5mm Bore	6mm Shank	for general polishing	for fast cutting	for mirror finish polishing	for general finishing	for general polishing	
	Hard	Soft								
Non Ferrous Metals	•	•			•	60g		60g			**-9420K**
Plastics	•	•			•	60g			100g		**-9440K**
Ferrous Metals	•	•			•		60g	60g		60g	**-9400K**
Woods	•	•		•	•				100g		**-9460K**

KENNEDY QUALITY INDUSTRIAL TOOLING Buffing Pads & Bonnets

Polisher

Merino Sheepskin Bonnets - 32mm pile Tie-on

-5120K

-5200K

Bonnets

Material	Type	For	Max RPM	Diameter	Order Code KEN-280
Merino Sheepskin Bonnets - 32mm pile	Tie-on	Metal Glass Fibre Wood Painted Surfaces	2,500	125mm	**-5000K**
				150mm	**-5020K**
				180mm	**-3900K**
100% Wool Pads - Twisted	Double Sided	Metal Glass Fibre Wood Painted Surfaces	8,500	220mm	**-5120K**
	Cupped Hook-n-Loop				**-5200K**

KENNEDY QUALITY INDUSTRIAL TOOLING Buffing & Polishing Foam M14 x 2

Polisher

- Use with all makes of power tools

Colour	Dia.	Width	Hardness	For	Order Code KEN-280
Red	150mm	30mm	Extra Soft	Final finishing & polishing	**-5380K**
Blue			Medium	Polishing & compounding on Cellulose & acrylic	**-5300K**
White	150mm	50mm	Very Hard	Finishing all modern paints including LVHM	**-5260K**

KOBE Diamond Core Drills

Manufactured from tool grade steel to ensure perfect concentricity with good weld strength. Can be used across a wide range of building materials such as: facing bricks, concrete blocks, breeze blocks, building blocks, hand made bricks and soft to medium hard natural stones.

Description	Order Code KBE-280
10 x 200mm 'A' Taper Pilotdrill	-0150A
240mm SDS Long Series Arbor	-0151A
Guide Rod	-0153A
Drift Key	-0154A
85mm SDS Short Series Arbor	-0156A

KOBE Mini Oiler

Feeds oil directly into the airline ensuring your air tool is well lubricated at all times preventing corrosion. The clear body reservoir allows immediate inspection of the oil level. All brass construction.

Thread (BSP)	Weight each (g)	Order Code KBE-280
¼	130	-1400K

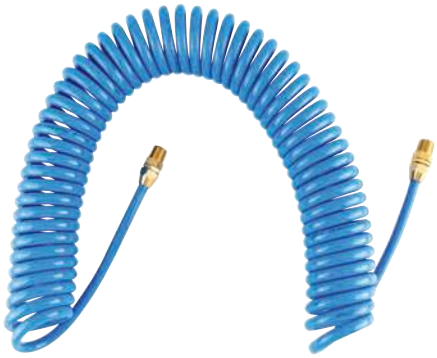
KOBE Water Separator

Continuously removes moisture from the air supply helping to prevent corrosion to the internal components of the air tool. The spring valve allows immediate draining of reservoir without any down time.

Thread (BSP)	Weight each	Order Code KBE-280
¼	110g	-1900K

KOBE Retracting Coil Airline Hoses

- Recoils to a fraction of its working length, leaving the workplace clear of entanglement hazards
- Flexible polyurethane design makes handling easy even in restricted areas
- Brass swivel couplings provide a positive fit with accessories and tooling
- Available with two sized couplings to suit your needs



psi	Inside Diameter	Order Code KBE-280
250	8.0mm	-1165K
250	9.5mm	-1325K

Individual Diamond Core Drills

Scan the QR code

Diamond Core Drill Set 12 Piece

Scan the QR code

KOBE Panel Cutter 160mm

- Compatible with most air chisels
- Durable design to smoothly cut and shape materials
- Tough SCM443 construction

Product Number	Order Code KBE-289
YM46A	-3046Y

KOBE Rivet Cutter 175 x 19mm

- Compatible with most air chisels
- Durable design to easily trim rivets
- Tough SCM442 construction

Product Number	Order Code KBE-289
YM02A	-3002Y

KOBE Taper Punch 175mm

- Compatible with most air chisels
- Durable design to accurately punch materials
- Tough SCM444 construction

Product Number	Order Code KBE-289
YM01A	-3001Y

KOBE Spot Weld 175 x 19mm

- Compatible with most air chisels
- Durable design to cut through welding
- Tough SCM446 construction

Product Number	Order Code KBE-289
YM05A	-3005Y

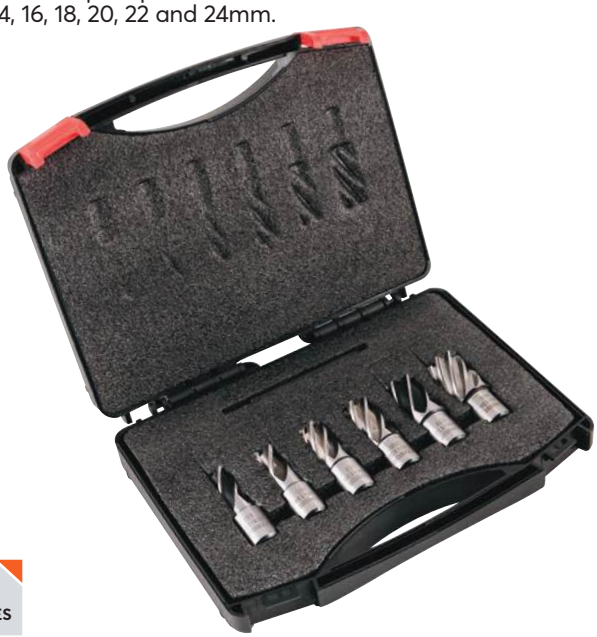
KOBE Flat Chisel 165 x 16mm

- Compatible with most air chisels
- Durable design to shape and work solid materials
- Tough SCM440 construction

Product Number	Order Code KBE-289
YM37A	-3037Y

KENNEDY QUALITY INDUSTRIAL TOOLING M2 Multi-Tooth Milling Cutter Set

Short Series
Shank diameter: 19mm/¾".
Depth of cut: 25mm.
Bore: 6mm.
Overall length: 60mm.
Compatible with all magnetic drilling and broaching units.
Complete with pilot pin and fitted case.
Sizes: 14, 16, 18, 20, 22 and 24mm.



6 PIECES

Weight each	Order Code KEN-288
800g	-3000K

Multi-Tooth Drilling Cutters & Pilot Pins

See our range

Scan the QR code

Which wire brush to use on which material

Workpiece Material	Steel	Stainless Steel	Brass	Nylon
Aluminium		X	X	X
Brass		X	X	X
Copper		X	X	X
Iron	X		X	X
Plastic			X	X
Steel/Metal	X		X	X
Stainless Steel		X	X	X
Wood	X		X	X

YORK ABRASIVES Wire Brushes

30 Standard Wire Gauge

- High-quality tempered crimp wire provides fine to medium coarse brushing action
- These wire wheels provide quick cutting action and excellent longevity

Right Angle Grinder

Notes

- Some models may also be used for cleaning rust, scale, dirt, and paint
- Arbor hole mount models attach to compatible arbors for use with power tools and machines

Bristle Material	Diameter	Width	Bore	Max. RPM	Order Code YRK-295
Steel	80mm	15mm	20mm	10,000	-0030K
	100mm	20mm	30mm	6,000	-0140K
		28mm			-0170K
	125mm	30mm	30mm	6,000	-0390K
	150mm	21mm	51mm	6,000	-0450K
		29mm			-0480K
	200mm	21mm	80mm	4,500	-0650K
		29mm			-0680K
	250mm	29mm	10mm	3,600	-0880K
Brass Coated	80mm	22mm	20mm	4,500	-1300K
	200mm	29mm	80mm	4,500	-1360K
Full Brass	80mm	22mm	20mm	4,500	-0920K
	100mm	20mm	30mm	6,000	-0940K
	200mm	29mm	80mm	4,500	-0980K

YORK ABRASIVES Twisted Knot Brushes

Steel, 35 Standard Wire Gauge

- A more aggressive circular brush
- The twist knot construction allows a higher surface speed

Right Angle Grinder

Diameter	Width	Bore	Max. RPM	Order Code YRK-295
100mm	11mm	22.23mm	12,500	-1110K
115mm			11,000	-1210K
115mm		M14	11,000	-1220K

YORK ABRASIVES Shaft Mounted Brushes

30 Standard Wire Gauge

- Suitable for use in power drills
- Most suitable for hard to reach area and grooves

Angle Die Grinder

Die Grinder

Bristle Material	Diameter	Width	Max. RPM	Order Code YRK-295
Steel	30mm	5mm	20,000	-2000K
		10mm		-2010K
		12mm		-2030K
	40mm	13.5mm	20,000	-2140K
		18mm		-2160K
	50mm	10mm	15,000	-2320K
		15mm		-2350K
		20mm		-2370K
	60mm	10mm	15,000	-2420K
		15mm		-2450K
		20mm		-2470K
	70mm	10mm	15,000	-2620K
		15mm		-2650K
		20mm		-2670K
	80mm	10mm	12,000	-2720K
		15mm		-2750K
		20mm		-2770K
Brass	50mm	10mm	15,000	-2820K
	70mm	15mm	15,000	-2940K
	80mm	20mm	12,000	-2960K
Stainless Steel	60mm	10mm	15,000	-8160K
Brass Coated	80mm	20mm	12,000	-2860K

YORK ABRASIVES Shaft Mounted Cup Brushes

30 Standard Wire Gauge

For all round use, ideal for work on larger surfaces removing burrs, rust and paint.

Angle Die Grinder

Die Grinder

Bristle Material	Diameter	Width	Max. RPM	Order Code YRK-295
Steel	45mm	10mm	11,000	-3220K
	50mm	10mm	11,000	-3320K
		50mm	12,000	-3380K
	60mm	15mm	12,000	-3450K
		60mm		-3490K
	70mm	15mm	4,500	-3650K
Brass	40mm	10mm	11,000	-3820K
	50mm			-3840K
Stainless Steel	60mm	20mm	11,000	-4060k

YORK ABRASIVES Flat End Decarbonising Brushes

30 Standard Wire Gauge

- For hard to reach areas such as drilled holes, recesses and corners
- For removal of burrs, rust and paint

Diameter	Max. RPM	Order Code YRK-295
Steel		
12mm	20,000	-6320K
17mm		-6440K
24mm		-6600K
30mm		-6800K
Brass		
12mm	20,000	-7100K
24mm		-7120K

YORK ABRASIVES Open Twist Tube Cleaning Brushes

Die Grinder

- For machine use in cleaning interior of tubes and removing soft deposits in condenser and heat exchanger equipment
- 1/4" BSW female universal thread fitting

To be used with hand held power drill or die grinder.

Brass

Dia (mm)	Brush Length	Overall Length	Order Code YRK-295
3/8"	60mm	130mm	-5710K
7/16"			-5720K
1/2"	90mm	140mm	-5730K
9/16"			-5740K
5/8"			-5750K
11/16"			-5760K
3/4"			-5770K
13/16"			-5780K
7/8"	110mm	190mm	-5790K
15/16"			-5800K
1"			-5810K

Nylon

Dia.	Brush Length	Overall Length	Order Code YRK-295
1/4"	60mm	130mm	-5860K
3/8"	80mm		-5870K
7/16"	80mm		-5880K
1/2"	90mm	140mm	-5890K
5/8"			-5910K
11/16"			-5920K
3/4"			-5930K
7/8"	110mm	190mm	-5940K
15/16"			-5950K
1"			-5960K

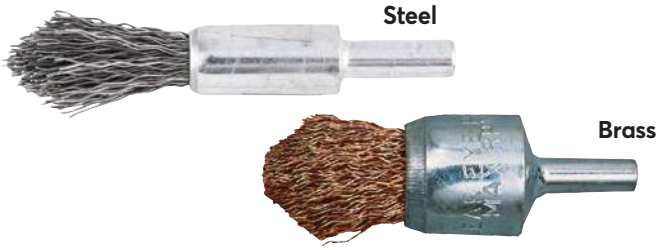
Dia.	Brush Length	Overall Length	Order Code KEN-295
14"	90mm	140mm	-5900K

YORK ABRASIVES Pointed End Decarbonising Brushes

30 Standard Wire Gauge

Die Grinder

- For use in high speed air and electrical tools
- Ideal for hard to reach areas
- For the removal of paint, carbon and for de-burring



Diameter	Max. RPM	Order Code YRK-295
Steel		
12mm	20,000	-7320K
17mm		-7440K
24mm		-7600K
30mm		-7800K
Brass		
12mm	20,000	-7980K
24mm		-8000K

YORK ABRASIVES Arbor Cup Brushes

30 Standard Wire Gauge

Right Angle Grinder

- Multi purpose brush for removal of rust, paint and burrs
- Ideally suited for use on bench machines and angle grinders

Brass 30SWG **Steel 30SWG** **Steel 50SWG**

Standard Wire Gauge	Dia	Arbor	Bristle Material	Max RPM	Order Code YRK-295
30	100mm	22mm Plain	Steel	10,000	-4420K
	100mm	5/8" BSW	Brass	10,000	-4440K
	125mm		Steel	65,00	-4540K
	75mm	M14 Threaded	Steel	12,500	-4330K
	100mm		Brass	10,000	-4180K
	75mm		Brass Coated	12,500	-4160K
	75mm		Brass	12,500	-4700K
	100mm		Steel	10,000	-4430K
	150mm		Steel	60,00	-4630K
50	75mm	22mm Plain	Steel	8,500	-5320K
	100mm		Steel	8,500	-5420K
	65mm	M14 Threaded	Steel	12,500	-5230K
	75mm		Steel	9,000	-5330K
	100mm		Steel	8,500	-5430K

KENNEDY QUALITY INDUSTRIAL TOOLING Rotary Wire Brushes

30 Standard Wire Gauge

- Very high flexibility
- Suitable for geometrically challenging parts
- Crimped wire allows for general purpose applications

Standard Wire Gauge	Dia	Arbor	Bristle Material	Max RPM	Order Code KEN-295
30	125mm	22mm Plain	Steel Wire	6,000	-0360K
	150mm	11mm Plain	Steel Wire	6,000	-0430K
	100mm	22mm Plain	Brass	10,000	-4400K

Measuring & Test Equipment

Keeping Industry Working™

Product Groups

300 - 372

Contents

Description	Group	Page
Bevel Protractors	330	**169**
Binoculars	318	**168**
Bore Gauges	335	**166**
Calipers - Dial	330	**170 - 171**
- Vernier	330	**172**
Combination Sets	330	**169**
Counters	314	**165**
Dial Gauges	300	**162 - 163**
Digital - Calipers	331	**173**
- Depth Gauges	331	**175**
Engineer's Levels & Squares	340/341	**183**

Description	Group	Page
Height Gauges	330	**170**
Magnetic Bases & Comparator Stands	333	**176 - 178**
Micrometer Heads	335	**182**
Micrometers - Depth	335	**182**
- External	335	**179 - 180**
Refractometers	336	**183**
Steel - Parallels	372	**185**
Stopwatches	314	**165**
Tally Counters	314	**165**
Thickness Gauges - Dial	330	**170**

OXFORD PRECISION Easy Read Dial Gauges Plunger Type

58mm (2¼") Diameter Dial
Matt finish chromed housing and black oxidised limit hands. Fitted with ¼" inside diameter stem.

58mm Diameter

Resolution	Travel	Reading	Order Code OXD-300
0.001"	0.5"	0-50-0	**-8100K**
0.01mm	5mm	0-50-0	**-7850K**
0.01mm	10mm	0-100	**-8500K**
0.01mm	25mm	0-100	**-8520K**

KENNEDY QUALITY INDUSTRIAL TOOLING Easy Read Dial Gauges Plunger Type

58mm (2¼") Diameter Dial
With shockproof mechanisms and clear, **'Easy Read'** dial for zero setting. All models are operational in both directions. Supplied in fitted cases with accessories storage space. Matt finish chromed housing and black oxidised limit hands. Fitted with ¼" inside diameter centre back lug and 5/16" diameter stem.

58mm Diameter

Resolution	Travel	Reading	Order Code KEN-300
0.001"	0.5"	0-50-0	**-7100K**
0.001"	0.5"	0-100	**-7110K**
0.001"	1.0"	0-100	**-7160K**
0.0005"	1.0"	0-50	**-7170K**
0.01mm	10mm	0-100	**-7500K**
0.01mm	25mm	0-100	**-7520K**

OXFORD PRECISION Easy Read Dial Gauge Plunger Type

58mm (2¼") Diameter Dial
6 Jewel
Matt finish chromed housing and black oxidised limit hands. Shockproof mechanism. Fitted with ¼" inside diameter stem.
Weight: 440g.

58mm Diameter

JEWELLED

Resolution	Travel	Reading	Order Code OXD-300
0.01mm	10mm	0-100	**-5500K**
0.01mm	25mm	0-100	**-5520K**

KENNEDY QUALITY INDUSTRIAL TOOLING Smile Dial Gauges Plunger Type

58mm (2¼") Diameter Dial
Matt finish chromed housing and black oxidised limit hands. Jewelled. Fitted with ¼" inside diameter centre back lug and 5/16" diameter stem.

JEWELLED

58mm Diameter

Resolution	Travel	Reading	Order Code KEN-300
0.01mm	10mm	0-100	**-5000K**

OXFORD PRECISION Easy Read Dial Test Indicators

32mm Diameter Dial Lever Type
Supplied with dovetail fitting and 6 and 8mm spigot.
Matt finish chromed housing.

Resolution	Travel	Reading	Order Code OXD-300
0.01mm	0.8mm	0-40-0	**-9020K**

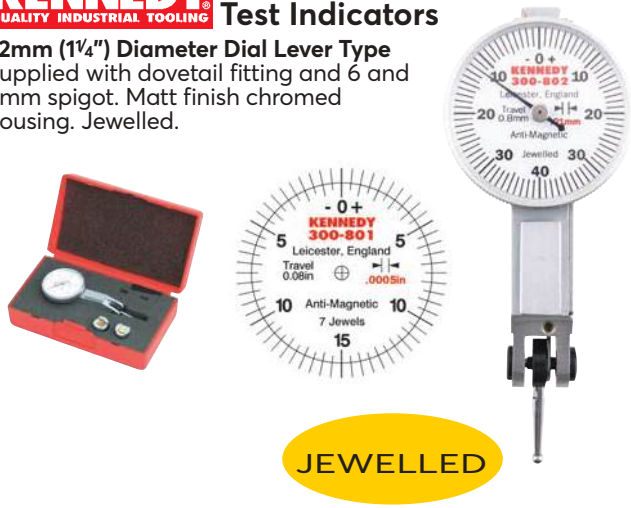
OXFORD PRECISION 32mm Dial Diameter

Spares to suit Oxford Dial Test Indicators

Resolution	Travel	Reading	Order Code OXD-300
0.0005"	0.03"	0-15-0	**-9010K**

KENNEDY QUALITY INDUSTRIAL TOOLING Easy Read Anti-Magnetic Dial Test Indicators

32mm (1¼") Diameter Dial Lever Type
Supplied with dovetail fitting and 6 and 8mm spigot. Matt finish chromed housing. Jewelled.



JEWELLED

Resolution	Travel	Reading	Order Code KEN-300
0.0005"	0.03"	0-15-0	**-8010K**
0.01mm	0.8mm	0-40-0	**-8020K**

OXFORD PRECISION Vertical Lever Dial Gauge

Anti-magnetic lever dial gauge with jewelled movement for a smooth and precise operation. Measuring direction automatically adapts on contact. Supplied with basic set of mounting accessories and case.

Range Accuracy	Graduation	Measuring Force	Reading	Order Code OXD-300
0.8mm ±0.01mm	0.01mm	0.1N-0.5N	0-40-0	**-9100K**

Dial Gauges

See our range

Scan the QR code

OXFORD PRECISION 2-in-1 Food Safety Infrared Thermometer

The IR-95 Food Safety infrared and contact thermometer for surface scans with a probe thermometer and alarm monitoring for internal temperature readings.
The Thermometer will measure the surface and inside temperature of an object. It is ideal to be used in the professional food temperature measurement. It is also a handy tool in restaurant and kitchen.

Features:
- Built-in fold-out probe for measuring internal food temperature.
- MIN/MAX temperature display for quick reference.
- Small modern housing design.

4:1 Distance to Spot
-40°c +280°

Model Number	Order Code OXD-312
IR-95	-3560K

OXFORD PRECISION DT-8861 Digital Dual Laser Infrared Thermometer

- Double Laser Target
- Keep Data Automatically
- High and Low Alarm
- Max Display
- Automatic shutdown DT-8861

Temp Range °C	Temp Range °F	Order Code OXD-312
-50 to 550	-58 to 1022	-2774F

OXFORD PRECISION UT333 Mini Temperature & Humidity Meter

- Display temperature, humidity and dew point temperature selection together
- °C/°F Selectable
- Customised measurement compensation
- Record interval, system time and sleep time settings
- MAX/MIN modes
- 100 sets data storage, manual/auto storage modes
- USB communication, PC software, data hold, LCD backlight

Temp Range °C	Temp Range °F	Order Code OXD-312
-10 to 60	14 to 140	-5666K

OXFORD PRECISION Mini Laser Thermometer

The IR-88H Pocket Infrared Thermometer are a new design. Checking all types of A/C and Heating Systems. Monitor performance of appliances such as refrigerator, dishwasher, freezer and ovens. Ensuring proper cooking, grilling and storage temperatures.

Features:
- Laser Pointer
- 6:1 Distance to Spot
- Measure up to 270°C/518°F
- Data Hold and Max Hold (IR-88H)
- Lock for continuous use (88H)
- Programmable alarm set-point (88H)

6:1 Distance to Spot
-20°c +270°

Model Number	Order Code OXD-312
IR-88H	-5675F

OXFORD PRECISION Mini Anemometer

- Data hold, LCD backlight
- °C/°F Selectable
- Auto power off (cancelable)
- 2044 sets data storage
- Auto record function with 0 .5~255s interval
- Wear-proof fan shaft for improved accuracy and reliability
- Wind speed modes: MAX, MIN, Real-time
- Wind count modes: MAX, 2/3 MAX, MIN, AVG, real-time
- 7 Selectable units: m/s, km/h, ft/min, MPH, KNOTS, CFM, CMM

Temp Range °C	Temp Range °F	Order Code OXD-312
-10 to 50	14 to 122	-5643D

RUTLAND SPORT Multi Function Digital Stopwatch - Standard

Water and shock resistant design.
Supplied with nylon neck cord.

Specification:
1/100 second precision with split times.
Calendar and time display 12hr or 24hr format.
Daily alarm. Hourly chime.
Supplied complete with 1.5V battery.

Type	Order Code RTL-314
Standard	-3020K

RUTLAND SPORT Multi Function Digital Stopwatch

Large screen, three row display. Time, date and 12/24 hr display. 80 laps and split memory at 1/100 sec. Fastest, slowest and average lap display. Countdown timer with 10 hrs working range. Pacer function with selectable pacer interval. 3 sec EL backlight. CR2032 3V lithium battery. Water and shock resistant. Back clip and lanyard included.

Type	Order Code RTL-314
Standard	-3120K

OXFORD PRECISION Electronic Tally Counter - Up

Counts up to 9999. Four-digit LCD with large push-buttons. High-impact construction with comfortable rubber keys. Optional audible counting indicator. Battery included.

Size (W x D x H):
30 x 15 x 60mm.

Height	Order Code OXD-314
60mm	-5820K

OXFORD PRECISION Chrome Tally Counters

Four digit (0-9999) metal body mechanical counters with push button actuator and reset button. Sturdy chrome plated steel construction.

Hand Tally comfortably fits in the palm of your hand, audible click, finger ring.

Desk Tally features a special mounting base designed for desk, bench or clipboard mounting.

Description	Order Code OXD-314
Hand Tally	-5500K
Desk Tally	-5520K

OXFORD PRECISION Electronic Tally Counter - Up/Down

Counts up to 9999. Four-digit LCD with large push-buttons. Reverse function to count down as well as up. High-impact construction with comfortable rubber keys. Battery included.

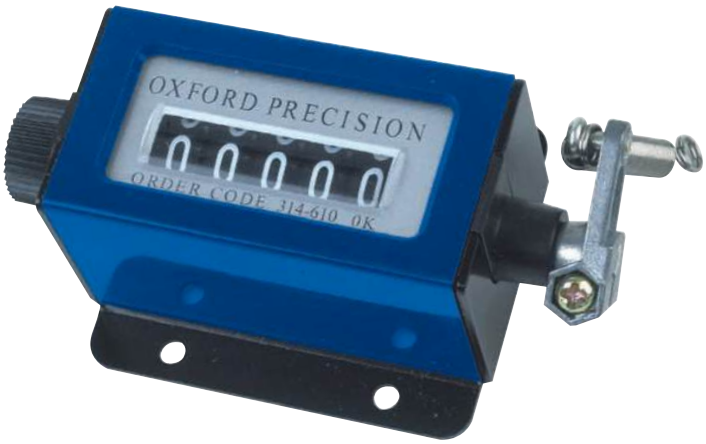
Size (W x D x H):
30 x 15 x 60mm.

Height	Order Code OXD-314
60mm	-5830K

OXFORD PRECISION Mechanical Stroke Counter

Five digit mid-range mechanical stroke counter. Tough plastic case. Excellent value.

Overall length: 80mm.
Height: 30mm.



Spindle Rotation	Order Code OXD-314
Right Hand	-6100K

OXFORD PRECISION AT6 - Tachometer

- This Digital Tachometer provides fast and accurate Non-contact RPM and surface speed measurements of rotating objects.
- This tachometer is used the CPU technique, photo-electrical technique, and junction laser technique for one instrument combined PHOTO TACH. (RPM&REV).
- Two test modes: rotate speed mode (unit: RPM) & count mode (unit: REV)

MPN	Type	Range	Display	Depth mm	Width mm	Length mm	Order Code **OXD-315**
AT-6	Tachometer - Non-contact - RPM	2 RPM to 999.9 RPM	LCD	39	58	160	**-2740F**

OXFORD PRECISION Dial Indicating Bore Gauges

29mm 1 1/8" Dial Diameter
Suitable for rapid, accurate measurement of size, concentricity, wear, taper, etc. All models have one fixed and one moving anvil and a self-adjusting centre shoe. A 'datum point' can be set. Can check a bore is within tolerance. All anvils are spring loaded to expand into the bore. All models have inter-changeable anvils to cover a range of bore sizes.

Supplied in a tough hard case.

Range (mm)	Bore Depth	Weight each	Order Code **OXD-315**
18 - 35mm	200mm	0.58kg	**-1400K**
35 - 50mm	240mm	0.95kg	**-1450K**
50 - 150mm	240mm	1.28kg	**-1500K**

OXFORD PRECISION LED Desk Magnifier Lamp

LTS600-61

With 280mm gooseneck
- 5.4W LED
- **Lens diameter:** 90cm (3.5")
- **Magnification:** 1.75x
- **Diopter:** 3
- For inspection work, laboratories, medical and dentistry, design work, jewellers, electronics

Type	Order Code OXD-316
Clamp	-2620K

OXFORD PRECISION Bench Magnifiers

89mm (3½") diameter lens.
2x magnification. Chrome plated brass frame. 180mm flexible hose length permits viewing at any angle. Suitable for viewing work requiring high precision.

With Clamp
Black powder coated clamp provides stability and convenience. Portable and easy to clip onto a bench or table.
Clamping capacity: 55mm.

With Stand
Cast horseshoe type stand provides stability and convenience.

Type	Order Code OXD-316
Clamp	-1100K
Stand	-1120K

OXFORD PRECISION Hand Magnifier

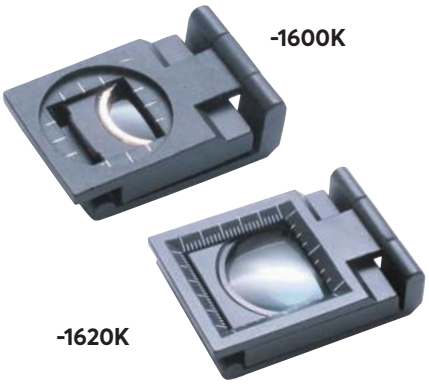
2x and 3x have chrome-plated brass frame and bakelite handle. 4x deluxe has a gilt-effect frame and hardwood handle.

Type	Diameter	Order Code OXD-316
2x	89mm	-2500K
3x	50mm	-2520K
4x	65mm	-2600K

OXFORD PRECISION Folding Pocket Magnifier

15mm Diameter
Suitable for inspecting paper, photographs, printed documents. 7x magnification. 1" working distance. ½" square field. Inch graduation. ⅛" divisions.

30mm Diameter
Suitable for inspecting paper, photographs, printed documents. 6x magnification. 38mm (1½") working distance. 25mm (1") square field. Metric and inch graduations. 1mm and ⅛" divisions.



Diameter	Order Code OXD-316
15mm	-1600K
30mm	-1620K

OXFORD PRECISION LED Bench Magnifier

LTS120-61-5D
- 9.4W LED
- **Lens diameter:** 125mm (5")
- **Magnification:** 2.25x
- **Diopter:** 5
- Suitable for the workplace, hobbies or for people with limited vision

Type	Order Code OXD-316
Stand	-2610K

OXFORD PRECISION LED Head Loupe with Removable LED Light & Interchangeable Lenses

The detachable LED light can be removed to provide an independent source of light that has two magnets for attaching to steel objects. Can be worn with spectacles and has an adjustable headband and an integral visor to cut out ambient light. It comes with four interchangeable lenses. The lenses stay firmly in position when raised or lowered, leaving both hands free to work.

Description	Order Code OXD-316
LED Head Loupe	-2560K

OXFORD PRECISION Oxford LED Light Magnifier

30mm Diameter
10x magnification.
5mm diameter LED light.
30mm diameter integral 2x optical glass lens.
Powered by 3x AAA batteries (not supplied).
Battery life = 40/50 hours under continuous use.
With plastic case and belt loop.

Diameter	Order Code OXD-316
30mm	-2010K

OXFORD PRECISION LED Desk Magnifier

LTS60002-61

With weighted base.
- 5.4W LED
- **Lens diameter:** 90cm (3.5")
- **Magnification:** 1.75x
- **Diopter:** 3
- Ideal for painting, sewing, DIY
- Can be used with a clamp

Type	Order Code OXD-316
Stand	-2640K

OXFORD PRECISION Magnifying Loupes

Suitable for precision engineers', instrument makers', watch repairers', jewellers etc.

Triplet
Provides sharp images with minimum distortion. Three separate lenses bonded together to form one compound lens.
Chrome plated finish.
Complete with leather case.

Double
21mm diameter double lenses bonded together to form one compound lens. Provides a sharp magnified image with virtually no distortion.

Type	Magnification	Order Code OXD-316
Triplet	10x	-1500K
Double	20x	-1520K

RUTLAND PRO Spotting Scope 18-36 x50

SS3650
Complete with tripod and mounting point. Includes case with shoulder strap, and cleaning cloth.

18 - 36 x50

Diopter measurement

Fold down eye cup

Tripod use

Prism type: Porro.
Magnification: 18 - 36x.
Objective lens: 50mm.
Angle of view: 26 - 43°.
Field of view at 1000m: 23 - 38m.
Exit pupil: 1.5 - 4mm.
Focusing method: Manual.
Dimensions: (W x H x D) 380 x 360 x 330mm.

Product Number	Magnification x Lens Diameter	Order Code **RTL-318**
SS3650	18-36 x 50	**-3100K**

RUTLAND PRO Traditional Binoculars 10 x 42

TP1042
These binoculars have a powerful 10 x magnification using a Porro prism. **Includes** Lens caps, case, neck strap, and cleaning cloth.

10 x 42

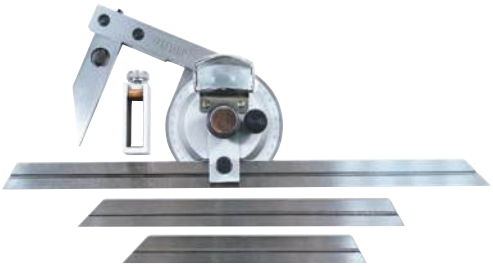
Prism type: Porro.
Magnification: 10x.
Objective lens: 42mm.
Angle of view: 6°.
Field of view at 1000m: 105m.
Exit pupil: 4.2mm.
Focusing method: Manual.
Closest focusing distance: 4m.
Dimensions: (W x H x D) 110 x 168 x 65mm.

Product Number	Order Code **RTL-318**
TP1042	**-1600K**

Bevel Protractor Set

For accurate angle measurement of machines, moulds and jigs. Made of polished and hardened stainless steel with magnifying lens for easy reading of vernier scale. Range is 4x 90° and accuracy is +½° or 5 minutes.

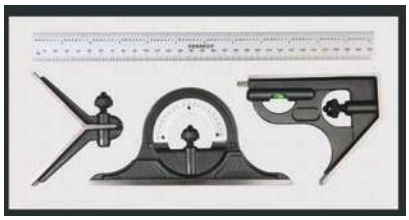
Set includes: protractor head, 150mm (6"), 200mm (8") & 300mm (12") plain rules, height gauge and acute angle attachments.



Description	Order Code OXD-330
Bevel Protractor Set	-9500K

Multi-Function Combination Set 12"/300mm

The multi-function 300mm/12" combination set is a versatile tool ideal for woodworking, metalworking, construction, DIY projects, and machining. It can be used as a square, mitre, depth, and height gauge, simplifying various measuring tasks. Made from durable stainless steel, it features a square head, protractor, and centre head. The set includes both metric and imperial measurements, ensuring accuracy and versatility for different tasks.



Number of Pieces	Order Code KEN-330
12	-1532F

Centre Head For Combination Set For KEN3301532F

The Centre Head for combination sets (KEN3301532F) is a crucial replacement part, essential for maintaining the accuracy and functionality of your tools. It is ideal for woodworking, metalworking, construction, DIY projects, and machining. This spare part ensures your combination set remains fully functional by replacing broken or worn-out components, allowing for precise measurements and reliable performance. With the Centre Head, users can continue their work without interruption, maintaining the effectiveness and longevity of their combination set.

Material	Order Code KEN-330
Steel	-4203P

Ruler For Combination Set12"/300mm

The 12"/300mm rule is a necessary spare part for the KEN3301532F combination set, ensuring accurate measurements and reliable performance. Ideal for woodworking, metalworking, construction, DIY projects, and machining, this replacement rule helps maintain the precision of your tools. By replacing broken or worn-out components, you can extend the lifespan of your combination set and ensure continuous, uninterrupted work. This durable and essential spare part keeps your tools in optimal condition for precise measurements.

Number of Pieces	Order Code KEN-330
1	-5550H

Protractor For Combination Set

The Protractor is a spare part designed for combination sets, essential for replacing broken or worn-out components. It ensures longevity and precision in various tasks such as woodworking, metalworking, construction, and DIY projects. By restoring the functionality and accuracy of the combination set, the PROTRACTOR maintains exact measurements for angle layout work, making it an indispensable tool for professionals and hobbyists.

Number of Pieces	Order Code KEN-330
1	-5990Y

Square Head For Combination Set

The Square Head is a crucial spare part ensuring tool functionality and precision maintenance, vital for productivity and accuracy in various industries. It's designed for woodworking, metalworking, and construction, ensuring precise right-angle measurements for layout and fabrication tasks. This replacement component integrates seamlessly with compatible combination sets, extending tool lifespan and enhancing operational reliability. It enables users to uphold precision and accuracy across tasks by replacing worn or damaged parts, ensuring continued performance and efficiency in demanding environments.

Number of Pieces	Order Code KEN-330
1	-9231K

OXFORD PRECISION Leg Type Dial Calipers

Leg type dial calipers used for measuring diameters and narrow grooves in hard to reach places.

Internal specifications:
range: 55 - 75mm, graduation: .01mm, groove depth: 8mm, groove width: 3mm, maximum reach: 100mm.
External specifications:
range: 0 - 20mm, graduation: 0.01mm, groove depth: 6mm, groove width: 3mm, throat depth: 60mm.
Resolution: 0.010mm
Accuracy: +/-0.010 mm

Type	Groove Depth	Reach/ Depth	Order Code **OXD-330**
External	6mm	60mm	**-0600K**
Internal	8mm	100mm	**-0750K**

OXFORD PRECISION Dial Thickness Ga

For quickly measuring the thickness of paper, film, leather, rubber etc. Measuring faces are mac of high grade tool steel, hardened, ground and lapped for accuracy.
Range: 0 - 10mm.
Resolution: 0.01mm.
Throat depth: 30mm.
Accuracy: ±0.02mm.

Type	Groove Depth	Reach/ Depth	Order Code **OXD-330**
External	6mm	60mm	**-0100K**

OXFORD PRECISION Dual Counter Height Gauges

Used in conjunction with a granite or metal surface plate, the Oxford dual counter height gauge will give you the accuracy you need when laying out work prior to machining. The height gauge can also be used in much the same way as a caliper to help you determine the dimensions of a workpiece.

- Designed for accurate marking out and taking precise measurements.
- Measuring head positioned on sturdy twin columns providing highly repeatable height measurements and stability.
- Easy reading with dual directional negative and positive reading mechanical digital counters.
- Rotating dial face.
- Independently set the counters, to zero at any position.
- Large feed wheel for rapid and precise adjustment.
- Tungsten carbide tipped scriber for accurate marking out.
- Manufactured from durable stainless steel.

Reading
Inch:
0.001"/0.1"
Metric:
0.01mm/
1mm

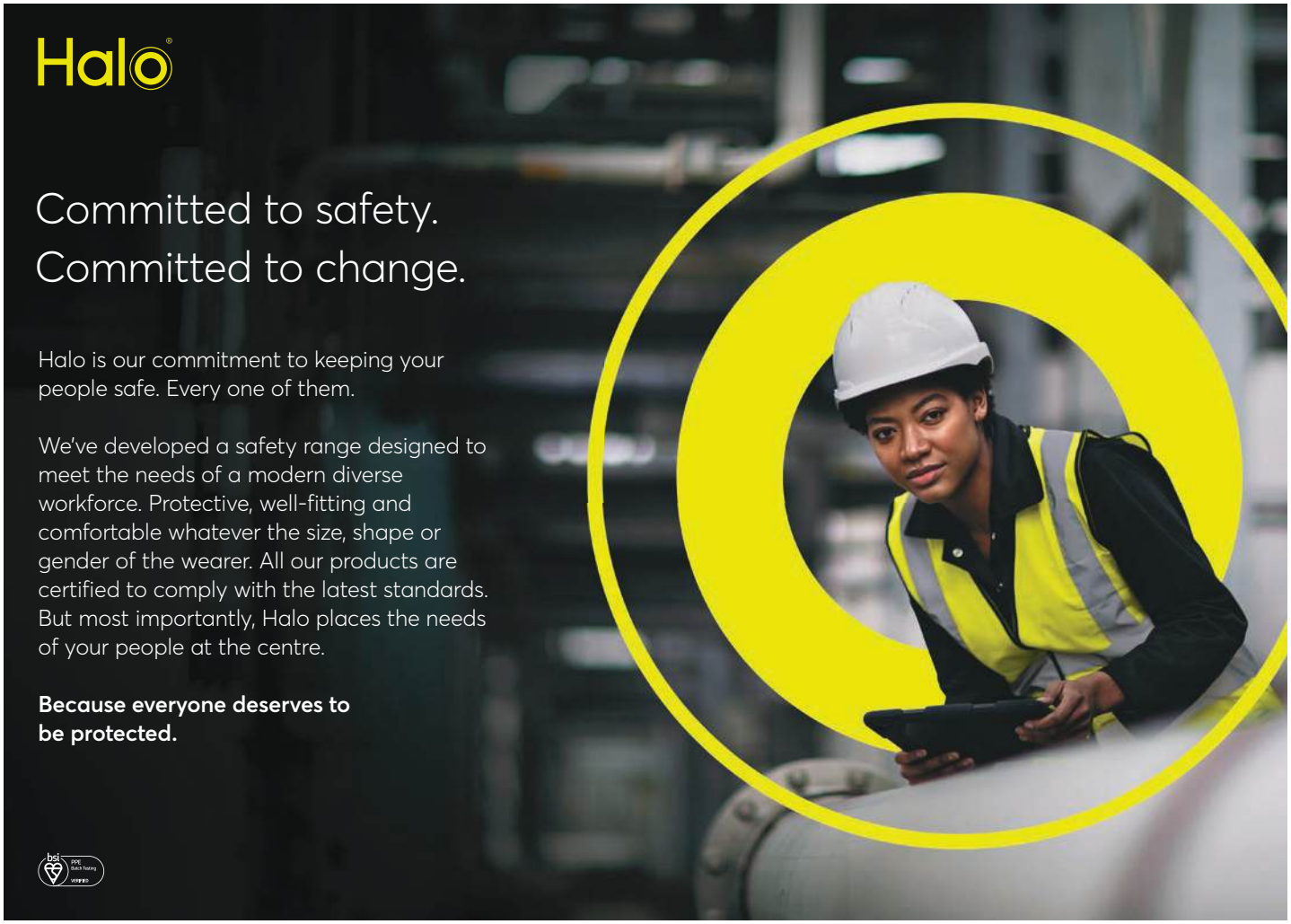
Range	Product Number	Range/ Rev	Weight each	Order Code **OXD-330**
300mm	DHG000	1mm	4.25kg	**-3620K**
600mm	DHG000	1mm	10kg	**-3740K**

OXFORD PRECISION Dial Calipers

Rack covers prevent dust from fouling teeth of racks. All measuring faces are precision ground and micro lapped for absolute inside, outside, depth and step readings. Manufactured to DIN 862.

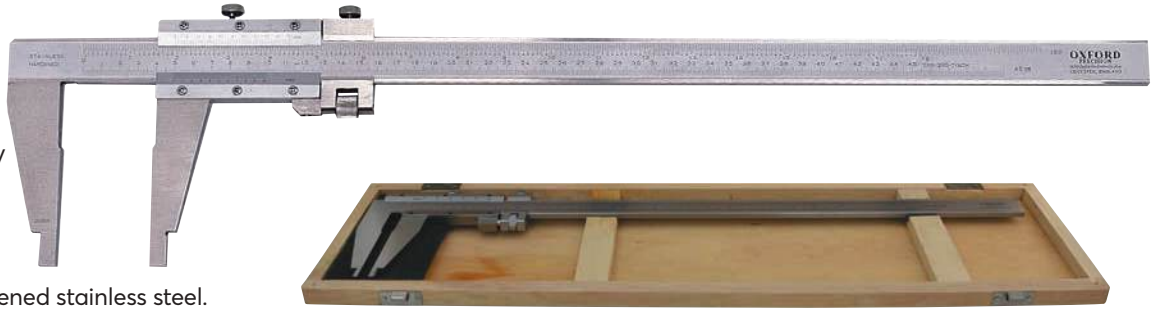
- Dial rotates for zero adjustment
- Fine adjustment thumb wheel

Range	Resolution	Accuracy (mm)	Order Code **OXD-330**
6"	0.001"	±.001"	**-6060K**
8"	0.001"	±.002"	**-6080K**
150mm	0.05mm	±.05mm	**-6320K**
200mm	0.05mm	±.05mm	**-6324K**
300mm	0.05mm	±.05mm	**-6328K**



OXFORD PRECISION Heavy Duty Vernier Calipers

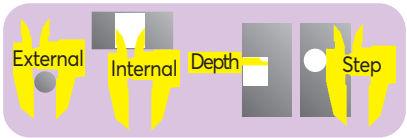
Give inside and outside readings. Dual reading scale (metric and inch) with 14° bevelled vernier scale for reduced parallax reading error, fine adjustment assembly and knurled locking nut. Internal reading edges have rounded faces for accurate bore measurement.
Manufactured from hardened stainless steel.

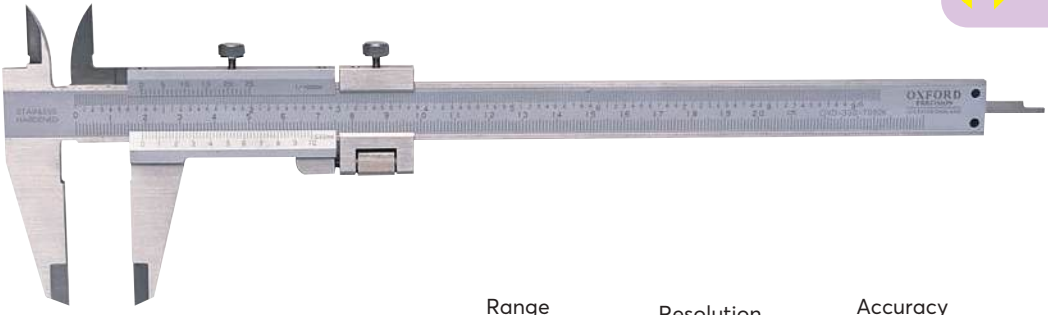


Range	Resolution	Accuracy (mm)	Weight each	Order Code **OXD-330**
450mm/18"	0.02/0.001	±0.1	2.25kg	**-7258K**
600mm/24"	0.02/0.001	±0.1	2.40kg	**-7262K**

OXFORD PRECISION Fine Adjustment Vernier Calipers

Give four types of reading, inside, outside, depth and step. Dual reading scale (metric and inch) with 14° bevelled vernier scale for reduced parallax reading error, fine adjustment assembly and knurled locking nut. Manufactured from hardened stainless steel for rigidity with satin finish. Conforms to **DIN 862**.





Range mm/inch	Resolution	Accuracy (mm)	Weight each	Order Code **OXD-330**
130/5"	0.02/.001"	±0.03	190g	**-7250K**
280/11"	0.02/.001"	±0.03	470g	**-7254K**

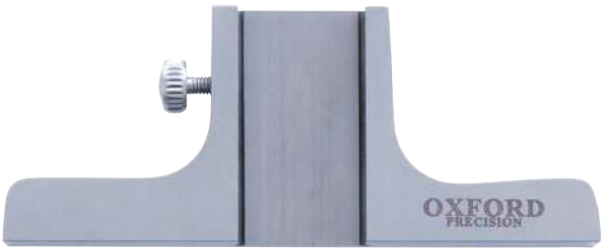
OXFORD PRECISION Standard Vernier Callipers

- Give four types of reading - inside, outside, depth and step
- Dual reading scale in metric and imperial
- 14° bevelled vernier scale to reduce parallax reading error
- Manufactured in satin finish from hardened stainless steel for rigidity

Range	Resolution	Accuracy (mm)	Weight each	Order Code **OXD-330**
6"	0.001"	±.003"	310g	**-7440K**
8"	0.001"	±.003"	480g	**-7444K**
12"	0.05mm	±.0.04"	750g	**-7448K**

OXFORD PRECISION Precision Depth Gauge Attachment

Stainless steel depth gauge attachment for use with 150 and 200mm (6" and 8") depth gauges. 16mm vernier recess width with knurled locking nut.



Size	Models suited (mm)	Order Code **OXD-330**
75mm	150/200	**-9600K**

Digital Calipers

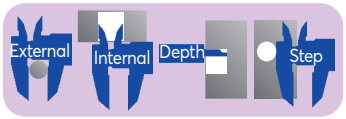
- Large display for clarity
- Fast response speed
- Zero reset
- Knurled thumb grip for precise movement
- Dual readout in mm and inch

Extra batteries available - Order Code **PAN-904-5020K**

Range	Resolution	Accuracy (mm)	Order Code **SEN-331**
150mm/6"	0.01mm	±0.03	**-1212K**
200mm/8"	0.01mm	±0.03	**-1216K**
300mm/12"	0.01mm	±0.03	**-1220K**

Polycal Digital Caliper

For taking outside, inside, step and depth measurements. Measurement conversion in inches, millimetres and fractions. Uses one CR2032 3V battery. Conforms to **EN 61000-6-3: 2007** and **EN 61000-6-1:2007**.



Measuring range:
0-150mm/0-6"
Resolution:
0.01mm/0.0005"
Accuracy:
±0.02mm/±0.008"

Battery Replacement Order Code: **PAN-904-2505E**

Range	Resolution	Accuracy (mm)	Order Code **SEN-331**
150mm/6"	0.01mm	±0.2	**-1700K**

Digital ABS Electronic Calipers

- Stainless Steel Blade and Jaws - made to last
- Metric and Imperial Scales
- LCD Display
- Highly accurate to +/- 0.02mm
- Absolute and Relative Measuring

Extra batteries available - Order Code **PAN-904-5020K**

Range mm	Range in	Order Code **OXD-331**
0 - 150	0 - 6	**-2326K**
0 - 200	0 - 8	**-2330K**
0 - 300	0 - 12	**-2334K**

Coolant-Proof Digital Calipers

- Coolant, water and dust proof to IP67 level
- Large LCD display
- Fast response speed
- Dual readout in mm and inch
- Stainless Steel
- **Resolution:** 0.01mm
- **Resolution:** 0.0005"
- **Accuracy:** ±0.02mm
- **Accuracy:** ±0.001"

IP67

Range mm	Range in.	Order Code **OXD-331**
0 - 6	0 - 150	**-7420K**
0 - 8	0 - 200	**-7424K**
0 - 12	0 - 300	**-7428K**

KENNEDY QUALITY INDUSTRIAL TOOLING Digital Protractor

Has a range of 360° split into 4 x 90° quadrants. Simple to calibrate and the intelligent display changes orientation at 90° and 270° to remain readable. It has a 'V' groove on the top and bottom for easy placement on acute angled or cylindrical objects. 3V lithium battery gives up to 2000 hours use. Complete with a leatherette pouch that has a belt loop.

Product Number	Range	Resolution	Order Code **KEN-331**
PDV360	360° (90° x 4)	0.1°	**-4020K**

OXFORD PRECISION Digital M/F Indicator

Large, easy-read 7.5mm LCD display. Inch/mm convertible.
ZERO reset button.
Absolute measuring / Relative reading.
Auto power off.

Response speed:
0.5m/s.
Travel: 12.7mm/0.5".
Resolution:
0.001mm / 0.00005".

Range	Order Code **OXD-331**
0-12.7mm/0-0.5"	**-6040K**

OXFORD PRECISION Digital External Micrometers

Featuring large digital display and carbide tipped measuring faces. With ball end cap for measuring curved surfaces, auto power on/off and mm/inch conversion. Ratchet stop for consistent measurement and locking device. Complete with case, spanner and battery.

IP65

Range	Resolution	Accuracy	Order Code OXD-331
0-25mm/0-1"	0.001mm	+/-0.002mm	**-3500K**
25-50mm/1-2"	0.001mm	+/-0.002mm	**-3510K**
50-75mm/2-3"	0.001mm	+/-0.003mm	**-3520K**
75-100mm/3-4"	0.001mm	+/-0.003mm	**-3530K**

OXFORD PRECISION Digital Depth Gauge 0-150mm/0-6in.

- Large digital display for easy reading
- Fitted with a thumb wheel for greater accuracy
- Zero set at any point

IP54 **Protected against dust ingress and fluid splash**

inch mm CONVERTIBLE | **ZERO RESET** | READING .01mm .0005" | **SPARE BATTERY**

Range mm	Range in.	Resolution mm	Resolution in.	Accuracy mm	Order Code OXD-331
0 - 150	0 - 6	0.01	0.0005	±0.03 mm / ±0.001	**-4062K**

KENNEDY QUALITY INDUSTRIAL TOOLING Permanent Mag Stand

Mini-Mag Stand
With one magnetic face. Light duty with standard clamp, 30mm diameter keeper.

Mounts: ¼" I/D lug, stem/spigot diameter: 5/16".
Column height x dia.: 120 x 6.3mm.
Clamp hole: 8mm.
Magnetic pull: 14.75kg.
Base dimensions: 30 x 35mm.

Overall Height	Weight each	Order Code KEN-333
150mm	320g	-2010K

KENNEDY QUALITY INDUSTRIAL TOOLING

Lever Switchable Universal 2 Mag Stand

With two magnetic faces and large vee. Heavy duty with universal clamp.

Mounts: ¼" I/D lug, stem/spigot diameter: ¼" and ⅛".
Column height x dia.: 175 x 12mm.
Crossbar length x dia.: 165 x 10mm.
Clamp ring: 6.35mm.
Magnetic pull: 50kg.
Base dimensions: 60 x 50 x 55mm.

Overall Height	Weight each	Order Code KEN-333
230mm	1.2kg	-2030K

KENNEDY QUALITY INDUSTRIAL TOOLING

Lever Switchable Fine Adjustable 2 Mag Stand

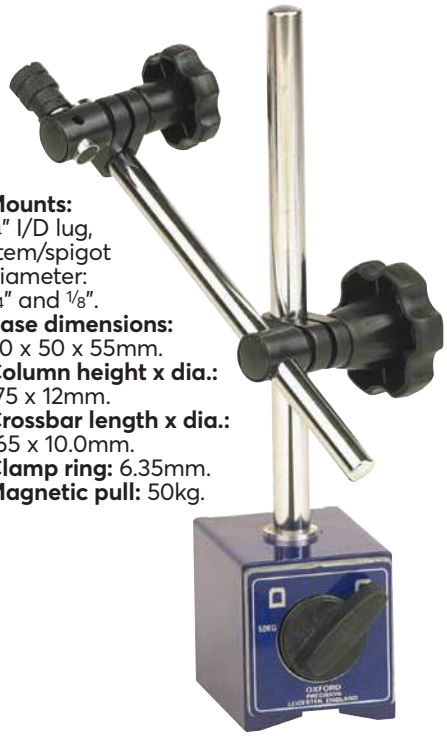
With two magnetic faces and large vee. Heavy duty with universal clamp and fine adjustment.

Mounts: ¼" I/D lug, stem/spigot diameter: 4mm, 8mm, 3/8" without bush.
Base dimensions: 60 x 50 x 55mm.
Column height x dia.: 175 x 12mm.
Crossbar length x dia.: 165 x 10mm.
Clamp ring: 6.35mm.
Magnetic pull: 50kg.

Overall Height	Weight each	Order Code KEN-333
230mm	1.2kg	-2050K

OXFORD PRECISION Universal 2 Mag Stand

Lever type, two magnetic faces and large vee. With universal clamp.



Mounts: ¼" I/D lug, stem/spigot diameter: ¼" and ⅛".
Base dimensions: 60 x 50 x 55mm.
Column height x dia.: 175 x 12mm.
Crossbar length x dia.: 165 x 10.0mm.
Clamp ring: 6.35mm.
Magnetic pull: 50kg.

Overall Height	Weight each	Order Code OXD-333
230mm	1.20kg	-7030K

OXFORD PRECISION Precision Fine Adjustment 2 Mag Stand

Lever type two magnetic faces and large vee.
Universal clamp.

Mounts: ¼" I/D lug, stem/spigot diameter: 4mm, 8mm, 3/8" without bush.
Base dimensions: 60 x 50 x 55mm.
Column height x dia.: 175 x 12mm.
Crossbar length x dia.: 150 x 10.0mm.
Clamp ring: 6.35mm.
Magnetic pull: 50kg.

Overall Height	Weight each	Order Code OXD-333
230mm	1.20kg	-7050K

OXFORD PRECISION Precision Universal 4 Mag Stand

With four magnetic faces, one at 45°. Universal clamp.

Mounts: ¼" I/D lug, stem/spigot diameter: ⅛", 5/16" and 3/8".
Base dimensions: 48 x 44 x 51mm.
Column height x dia.: 175 x 12mm.
Crossbar x dia.: 165 x 10.0mm.
Clamp ring: 6.35mm.
Magnetic pull: 30kg.

Overall Height	Weight each	Order Code OXD-333
230mm	1.20kg	-7100K

OXFORD PRECISION Precision Compact 4 Mag Stand

With four magnetic faces, one at 45°. Standard clamp.
Mounts: ¼" I/D lug, stem/spigot diameter: 5/16".

Base dimensions: 48 x 44 x 51mm.
Column height x dia.: 185 x 12mm.
Crossbar length x dia.: 165 x 6.3mm.
Clamp ring: 8mm.
Magnetic pull: 30kg.

Overall Height	Weight each	Order Code OXD-333
280mm	1.90kg	-7080K

KENNEDY QUALITY INDUSTRIAL TOOLING Lever Type Base - 50kg

Fitted as standard to **KEN-333-2030K**, **-2050K** and **-2110K** two magnetic faces, bottom and back face.
Large vee for curved surfaces.

Threaded: M8 x 1.25mm.
Base dimensions: 60 x 50 x 55mm.
Magnetic pull: 50kg.

Magnetic Pull	Weight each	Order Code KEN-333
50kg	850g	-2240K

Lever Switchable Mini Elbow Joint 2 Mag Stand

Compact in design, this stand has a magnetic pull of 30kg with positive switching, fully adjustable joints and slotted 'V' groove.

Mounts: ¼" I/D lug, dovetail stem/spigot diameter: 5/16".
Base dimensions: 36 x 30 x 35mm.
Column height x diameter: Up to 150 x 12mm.
Magnetic pull: 30kg.

Mini Elbow Joint	Weight each	Order Code KEN-333
2 Mag	420g	**-2140K**

Lever Switchable Elbow Joint 2 Mag Stand

With two magnetic faces and large vee. Medium duty special clamp with fine adjustment.
Mounts: ¼" I/D lug, dovetail stem/spigot diameter: 5/16".
Base dimensions: 60 x 50 x 55mm.
Column height x diameter: Up to 280 x 15mm.
Clamp ring: 6.35mm.
Magnetic pull: 50kg.

Elbow Joint	Weight each	Order Code KEN-333
2 Mag	1.2kg	**-2110K**

Universal 4 Mag Stand

With four magnetic faces, one at 45°. Heavy duty with universal clamp.
Mounts: ¼" I/D lug, stem/spigot diameter: ⅛", 5/16" and ⅜".
Base dimensions: 48 x 44 x 51mm.
Column height x diameter: 175 x 12mm.
Crossbar length x diameter: 165 x 10.0mm.
Clamp ring: 8mm.
Magnetic pull: 30kg.

Overall Height	Weight each	Order Code KEN-333
227mm	0.90kg	**-2100K**

Lever Switchable Large Elbow Joint 2 Mag Stand

Large stand with two powerful magnetic faces producing a magnetic pull of 80kg. Positive switching, fully adjustable joints and slotted 'V' groove for versatility.

Mounts: ¼" I/D lug, dovetail stem/spigot diameter: 5/16".
Base dimensions: 60 x 50 x 55mm.
Column height x diameter: Up to 300 x 17mm.
Magnetic pull: 80kg.

Large Elbow Joint	Weight each	Order Code KEN-333
2 Mag	1.62kg	**-2150K**

Compact 4 Mag Stand

With four magnetic faces, one at 45°. Medium duty with standard clamp.
Mounts: ¼" I/D lug, stem/spigot diameter: 5/16".
Base dimensions: 48 x 44 x 51mm.
Column height x diameter: 185 x 12mm.
Crossbar length x diameter: 150 x 6.3mm.
Clamp ring: 8mm.
Magnetic pull: 30kg.

Overall Height	Weight each	Order Code KEN-333
273mm	0.89kg	**-2080K**

KENNEDY QUALITY INDUSTRIAL TOOLING Magnetic Stand Fitments

All main columns are threaded M8 x 1.25mm and are interchangeable with Kennedy, Oxford, Mitutoyo etc. base units except mini-mag
(M6 x 1mm)
also suitable for incorporating into special fixtures or threaded pot magnets.

Light Duty Fitment - Plain
Fitted as standard to **KEN- 333-2010K**.
(See page 176.

Column: 6.3 x 120mm.
Clamp hole: 8mm.
Threaded: M5.

6.3mm Standard Clamp To Suit	Weight each	Order Code KEN-333
1/4" I/D Lug, Stem/Spigot Dia. 5/16"	90g	**-2500K**

KENNEDY QUALITY INDUSTRIAL TOOLING Medium Duty Fitment - 3 Point

Fitted as standard to **KEN-333-2110K**.
(See page page 177).

3 point adjustable column: 15 x 280mm max.
Clamp hole: 8mm.
Threaded: M8 x 1.25mm.

3 Point Special Clamp To Suit	Weight each	Order Code KEN-333
1/4" I/D Lug, Dovetails Stem/Spigot Dia. 5/16"	312g	**-2480K**

KENNEDY QUALITY INDUSTRIAL TOOLING Heavy Duty Fitment - Fine Adjusting

Fitted as standard to **KEN- 333-2050K**.
(See page page 176).

Column: 12 x 175mm.
Cross bar: 10 x 150mm with fine adjustment.
Threaded: M8 x 1.25mm.

10mm Universal Clamp To Suit	Weight each	Order Code KEN-333
1/4" I/D Lug, Stem/Spigot Dia.1/8", 1/4", 5/16" & 3/8"	442g	**-2400K**

KENNEDY QUALITY INDUSTRIAL TOOLING Heavy Duty Fitment - Plain

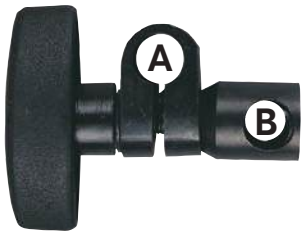
Fitted as standard to **KEN-333-2030K** and **KEN-333-2100K**. **(See pages page 176 and page 177).**

Column: 12 x 175mm.
Cross bar: 10 x 165mm.
Threaded: M8 x 1.25mm.

10mm Universal Clamp To Suit	Weight each	Order Code KEN-333
1/4" I/D Lug, Stem/Spigot Dia. 1/8", 1/4", 5/16" & 3/8"	400g	**-2420K**

Spare Knuckle Assemblies

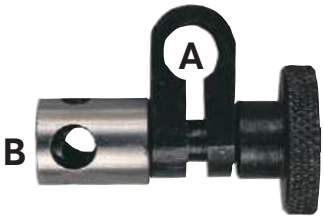
For connecting columns and crossbars.



Accepts A & B (dia.)	Weight each	Order Code KEN-333
12 & 10mm	60g	**-2920K**

Crossbar Assemblies

For connecting columns and crossbars.



Accepts A & B (dia.)	Weight each	Order Code KEN-333
1/8"& 1/4" Spigot To Fit 10mm Bar	85g	**-3640K**

Crossbar Assemblies

With lug adaptor. 1/4" I/D lug.

Accepts	Weight each	Order Code KEN-333
4 & 10mm Spigot To Fit 10mm Bar	85g	**-3020K**
4 & 8mm Spigot To Fit 12mm Bar	85g	**-3040K**

Crossbar Assemblies

With lug adaptor. 1/4" I/D lug.

Accepts	Weight each	Order Code KEN-333
5/16"& 1/4" Spigot To Fit 10mm Bar	50g	**-3000K**

Enamelled Frame External Micrometers

Enamelled frame and tungsten carbide tipped anvils.
Manufactured to **BS 870**.
Supplied in a durable plastic case.

Accuracy:
Flatness: 0.6mm.
Parallelism: (2 + L/100) µm (fraction rounded down).
Instrumental error:
±(1 + L/75) µm
(fraction rounded up).
L = maximum measuring length.

Metric

Range	Resolution	Order Code **KEN-335**
0 - 25mm	0.01mm	**-0010K**
25 - 50mm		**-0020K**
50 - 75mm		**-0030K**
75 - 100mm		**-0040K**
100 - 125mm		**-0050K**
125 - 150mm		**-0060K**

External Micrometer Sets

With enamelled frame and tungsten carbide tipped anvils and fine adjustment ratchet. Supplied in plastic fitted bench case.

Contents:
-5500K
0 - 25mm, 25 - 50mm,
50 - 75mm and 75 - 100mm external micrometers,
25mm, 50mm and 75mm micrometer setting standards,
two micrometer setting spanners.

-6600K
0 - 1", 1 - 2", 2 - 3" and 3 - 4" external micrometers,
1", 2" and 3" micrometer setting standards,
two micrometer setting spanners.

Range	Resolution	Order Code **OXD-335**
0 - 100mm	0.01mm	**-5500K**
0 - 4"	0.0001"	**-6600K**

OXFORD PRECISION Enamelled Frame External Micrometers

With enamelled frame and tungsten carbide tipped anvils. High quality fitted metal case with adjusting spanner.
Sizes 25 - 50mm/1 - 2" and over supplied with setting standard. Manufactured to **BS 870**.
All supplied in a impact resistant fitted plastic case.

Sizes 25 - 50mm/1 - 2" and over supplied with setting standard.

Range	Resolution	Order Code **OXD-335**
	Metric	
0 - 25mm	0.01mm	**-5010K**
25 - 50mm	0.01mm	**-5020K**
50 - 75mm	0.01mm	**-5030K**
75 - 100mm	0.01mm	**-5040K**
100 - 125mm	0.01mm	**-5050K**
125 - 150mm	0.01mm	**-5060K**
150 - 175mm	0.01mm	**-5070K**
175 - 200mm	0.01mm	**-5080K**
200 - 225mm	0.01mm	**-5090K**
225 - 250mm	0.01mm	**-5100K**
250 - 275mm	0.01mm	**-5110K**
275 - 300mm	0.01mm	**-5120K**
	Inch	
0 - 1"	0.001"	**-6010K**
1 - 2"	0.001"	**-6020K**
2 - 3"	0.001"	**-6030K**
3 - 4"	0.001"	**-6040K**
4 - 5"	0.001"	**-6050K**
5 - 6"	0.001"	**-6060K**

OXFORD PRECISION Mechanical Digital Micrometer - 0 - 25mm

Direct reading external micrometer for quick and easy reading. With enamelled frame and tungsten carbide precision ground micro finish measuring faces.

Measuring range: 0 - 25mm.
Resolution: 0.01mm, 0.5mm screw pitch with lock.

Supplied in a robust case with setting key, with fitted heat shield on frame.

Range	Resolution	Order Code **OXD-335**
0 - 25mm	0.01	**-4100K**

OXFORD PRECISION Blade Micrometers

Combining lightweight workshop design with enamel finished frame and blade-shaped anvil. Ratchet stop for consistent measurement. Complete with case.

Range	Resolution	Order Code **OXD-335**
0 - 25mm	0.01mm	**-5310K**

OXFORD PRECISION Interchangeable Anvil Micrometers

Carbide tipped spindle faces. Hardened and ground anvils.
Supplied in metal case with adjusting spanner.
Four anvils and three setting standards.

Accuracy: ±(4+L/75)mm.
Measuring faces flatness: ±0.6mm.
Parallelism: (2+L/100)mm.

Range	Resolution	Order Code **OXD-335**
0 - 100mm	0.01mm	**-3000K**
0 - 150mm	0.01mm	**-3020K**

KENNEDY QUALITY INDUSTRIAL TOOLING Micrometer Stand

SMS230
Made of cast iron, it is designed for use with most standard micrometers up to 100mm (4"). The clamp has positive angular and padded parallel clamping jaws.
90° pivoting in the vertical plane.

Product Number	Weight each	Order Code **KEN-335**
SMS230	980g	**-7230M**

OXFORD PRECISION 30° Anvil Micrometers

Used for measuring within small grooves or recesses and for quick comparisons of thread accuracy in screw cutting operations.
With knurled thimble, ratchet stop and thumb lock. Enamelled frame with satin chromed finish barrel and sleeve.

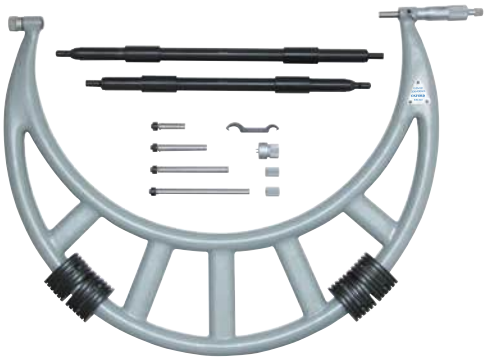
Measuring range: 0 - 25mm.
Resolution: 0.01mm.

Accuracy	Order Code **OXD-335**
+/-0.003	**-3520K**

OXFORD PRECISION Precision Interchangeable Anvil Micrometers

Oxford's versatile range of micrometers with interchangeable anvils with ratchet top, lock, setting standards and wooden case.
Rigid and stable cast iron frame that is perforated for lightness.

Accuracy: +/-0.008mm.
Graduations: 0.001mm.



Product Number	Range	Order Code **OXD-335**
2425-0400	300 - 400mm	**-3100K**
2425-0500	400 - 500mm	**-3120K**
2425-0600	500 - 600mm	**-3140K**

Micrometer Setting Standards - Metric

Scan the QR code

Micrometer Setting Standards - Imperial

Scan the QR code

3-Point Internal Micrometer Sets, Metric

Possessing an accuracy of 0.004mm and graduation of 0.0001mm, these 3 point metric internal micrometers are a simple, reliable and highly effective way of measuring the inner diameters of holes for precision working. Available as a set of 2 micrometers and 1 rod or 3 micrometers and 2 rods, each accessory and tool in the set is chrome plated to create a robust product.

Features and Benefits
- Measurement can be taken closer to the bottom of the blind bore, and can be taken into a deep hole with the accompanying extension rods
- Self-centering for easy and speedy working
- Chrome plated for bolstered resistance to corrosion as well as wear and tear
- Available as a set of 2 micrometers and 1 rod or 3 micrometers and 2 rods depending on your preferences and needs

Contents
- OXD3352540K:
- 1 x Micrometer 12-16mm
- 1 x Micrometer 16-20mm
- 2 x Spanners
- 1 x Calibration Ring 16mm
- 1 x Extension Rod
- 1 x Hex Key
- OXD3352550K:
- 1 x Micrometer 20-25mm
- 1 x Micrometer 25-30mm
- 1 x Micrometer 30-40mm
- 1 x Calibration Ring 40mm
- 1 x Calibration Ring 25mm
- 2 x Extension Rods
- 2 x Spanners
- 1 x Hex Key

Typical Applications
- Engineering
- Construction
- Manufacturing

Range mm	No. Rods	Includes	Order Code OXD-335
12 - 20	1	1 x Micrometer 12-16mm ; 1 x Micrometer 16-20mm ; 2 x Spanners ; 1 x Calibration Ring 16mm ; 1 x Extension Rod ; 1 x Hex Key	**-2540K**
20 - 40	2	1 x Micrometer 20-25mm ; 1 x Micrometer 25-30mm ; 1 x Micrometer 30-40mm ; 1 x Calibration Ring 40mm ; 1 x Calibration Ring 25mm ; 2 x Extension Rods ; 2 x Spanners ; 1 x Hex Key	**-2550K**

Fixed Rod Depth Micrometers

Ideal for low-range measurements, this non-digital depth micrometer has a 63 or 100mm hardened tool steel base and satin chrome finish. Includes a 'constant force attachment' for use when fitting the interchangeable rods and supplied in a handy case.

Accuracy	Range	Base Size	Order Code OXD-335
4 µm (microns)	0 - 25mm	63mm	**-3310K**
4 µm (microns)	0 - 25mm	100mm	**-3330K**

Micrometer Head

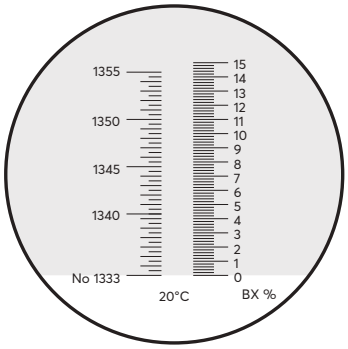
Spherical Face
Supplied with setting keys.

Spindle diameter: 5mm.
Spindle housing diameter: 9.5mm.
Main body diameter: 14mm.
Accuracy: 0.004mm.
Range: 0 - 13mm.
Resolution: 0.01mm.

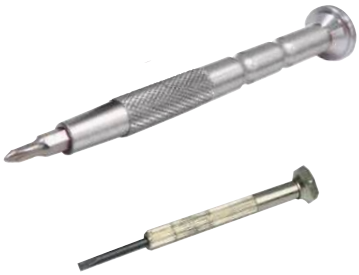
Range	Resolution	Order Code OXD-335
0 - 13mm	0.01mm	**-8200K**

OXFORD PRECISION Portable Optical Refractometer

For determining the concentration of oil in water emulsions and transparent solutions, such as machine shop coolant.
Maintaining the correct mixture in coolant systems is vital to ensure optimum performance from cutting tools.
To protect the machine and workpiece from corrosion and to reduce the risk of health hazards arising from incorrect concentrations of water soluble oils.
To economise the use of water base cutting fluids and grinding fluids.



Calibrated Refractive Scale



Specifications:
Range ND: 1.333 - 1.356. Bx: 0 - 15%.
Eyepiece magnification: 11x.
Telescopic lens magnification: 4x.
Accuracy: ±0.0003 ±0.2%.
Lattic value: 0.0005 0.2%.
Supplied in fitted plastic case complete with calibration screwdriver and operator manual.

Refractometer

Dimensions	Order Code **OXD-336**
38 x 38 x 185mm	**-1010K**

OXFORD PRECISION Engineer's Levels

Fitted with a main, cross and plumb vial. Precision ground cast base with a v-groove for cylindrical surfaces. The main vial is protected by a rotating shroud and has a sensitivity of one minute.
Resolution: 0.3mm per metre and 0.0035" per foot.

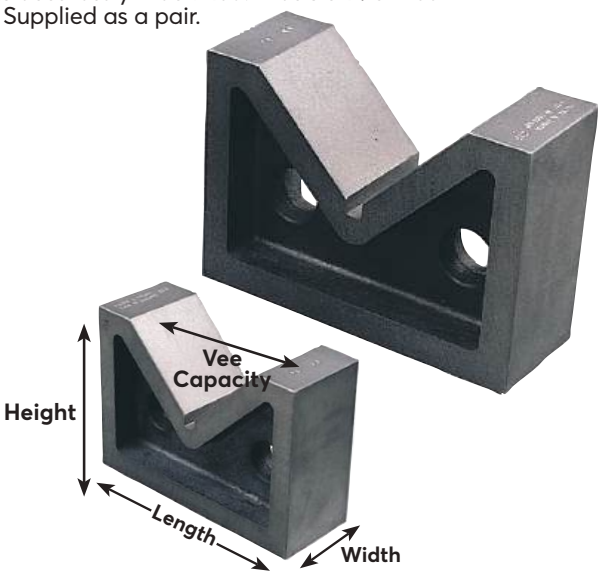
Size (mm)	Order Code **OXD-340**
165 x 34	**-4940K**
310 x 36	**-4970K**

Coarse Double-Ended Go & No Go Screw Plug Gauges

Scan the QR code

OXFORD PRECISION Vee Blocks

Matched and numbered pairs of close grained iron castings accurately machined. Precision 90° vee blocks. Supplied as a pair.



Dimensions L x W x H	Vee Capacity	Order Code **OXD-370**
75 x 33 x 60mm	45	**-2110K**
100 x 40 x 65mm	56	**-2120K**
125 x 50 x 78mm	62	**-2130K**
150 x 62 x 88mm	78	**-2140K**
200 x 100 x 140mm	113	**-2150K**
250 x 125 x 165mm	125	**-2160K**

OXFORD PRECISION Workshop Vee Blocks & Clamp

Designed for checking precision machine parts. Hardened and precision ground steel supplied in matched pairs, each with V-grooves central and parallel to the sides and base ensuring perfect alignment. Complete set with two V-blocks (one pair) and two clamps.

Dimensions Length x Width x Height	Order Code **OXD-370**
50 x 37 x 37mm	**-2300K**

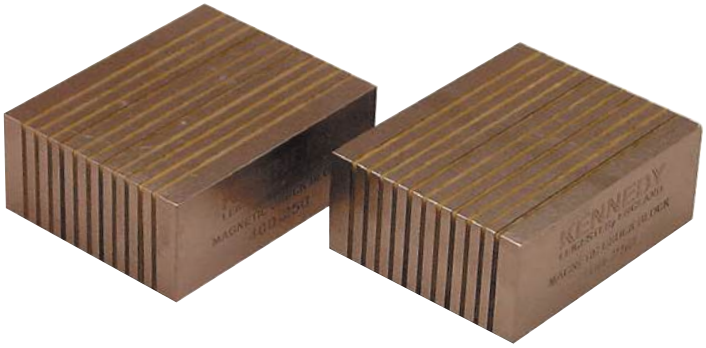
OXFORD PRECISION Workshop Grade Hollow Ground Vee Blocks & Clamp

Designed for checking precision machine parts. Hardened and precision ground steel supplied in matched pairs, each with V-grooves central and parallel to the sides and base ensuring perfect alignment. Complete set with two V-blocks (one pair) and two clamps.
Supplied with malleable iron clamps with steel screws.

Dimensions Length x Width x Height	Weight/ Pair	Order Code **OXD-370**
31.5 x 40 x 31.5mm	1.7kg	**-2310K**

OXFORD PRECISION Magnetic Chuck Blocks

For use with magnetic chucks that have parallel poles, so that the magnetic field can be extended to hold awkwardly shaped workpieces.
Supplied in matched pairs. Machinable.



Dimensions W x L x H	Weight each	Order Code **KEN-400**
60 x 75 x 30mm	1.50kg	**-2500K**

OXFORD PRECISION Steel Parallels

Hardened and ground steel parallels for workshop use. Supplied in pairs for packing or levelling components prior to machining in tool rooms or machine shops.

16 Piece Set
Contents: eight pairs of the following sizes:

5 x 16 x 100mm,
6 x 18 x 100mm,
8 x 24 x 100mm,
10 x 30 x 100mm
12 x 36 x 150mm
14 x 48 x 150mm
18 x 60 x 150mm
22 x 62 x 150mm

16 PIECES

Order Code OXD-372
-3600K

18 Piece Set
Contents: nine pairs of the following sizes:

10 x 4 x 160mm,
14 x 4 x 160mm,
18 x 4 x 160mm,
22 x 4 x 160mm,
26 x 4 x 160mm,
30 x 4 x 160mm,
34 x 4 x 160mm,
38 x 4 x 160mm,
42 x 4 x 160mm.

Supplied in wooden storage box.

18 PIECES

Order Code OXD-372
-3620K

28 Piece Set
Contents: fourteen pairs of the following sizes:

14 x 10 x 150mm,
16 x 10 x 150mm,
18 x 10 x 150mm,
20 x 10 x 150mm,
22 x 10 x 150mm,
24 x 10 x 150mm,
26 x 10 x 150mm,
28 x 10 x 150mm,
30 x 10 x 150mm,
32 x 10 x 150mm,
35 x 10 x 150mm,
40 x 10 x 150mm,
45 x 10 x 150mm,
50 x 10 x 150mm.

Supplied in wooden storage box.

28 PIECES

Order Code OXD-372
-3640K

Storage & Handling

Keeping Industry Working™

Product Groups

404 - 496

Contents

Description	Group	Page
Bin Storage Systems	404	**188 - 189**
Racking	405	**191**
Revolving & Solid Centres	488	**208**
Wheel Dressers	495/496	**209**
Workbenches & Cabinets	405	**190**

Description	Group	Page
Workholding		
Bench Vices	445	**205**
Clamping Fixtures	425	**193 - 196**
Machine Vices	443	**198 - 203**
Rack Clamps	445	**204**
Machine Vices	420	**192**
Toggle Clamps	443	**198 - 203**

MATLOCK Euro Containers

Practical Euro boxes, ideal for use wherever hygienic stackable plastic containers play an important role in transport and storage. Resistant to acids and alkaline solutions, cold and heat. Optimal handling due to ergonomic handles.
Suitable for conveyor systems.

Lids supplied separately
(No lid available for 800mm box)

Size (mm) H x W x L	Order Code MTL-404
170 x 300 x 400	-4210K
220 x 300 x 400	-4212K
170 x 400 x 600	-4234K
220 x 400 x 600	-4236K
320 x 400 x 600	-4240K
220 x 600 x 800	-4256K
325 x 600 x 800	-4258K
425 x 600 x 800	-4260K

Lids to suit foldable boxes and euro containers

Size (mm) L x W	Order Code MTL-404
400 x 300mm	-4400K
600 x 400mm	-4402K

MATLOCK Euro Foldable Boxes

Foldable storage boxes made from tough grey polypropylene. Compatible in size with the Euro containers (use the same lids) and can be stacked with or without lids. Simple to collapse for space saving storage when not in use.

Lid supplied separately see above

Size (mm) H x W x L	Order Code MTL-404
600 x 400 x 320	-4330K

Storage Bins

See our range

Scan the QR code

MATLOCK Heavy Duty Stacking Euro Containers

Our Matlock Range of blue euro stacking containers are built for industrial and commercial use. Made from high grade polypropylene these containers are food approved. They are also resistant to acid and alkaline solutions, cold and heat.
Lids supplied separately.

Lids to suit euro containers

External Size (L x W x H)	Order Code MTL-404
400 x 300mm	-1540K
600 x 400mm	-1550K

External Size (mm) (L x W x H)	Order Code MTL-404
400 x 300 x 170	-1500K
400 x 300 x 220	-1510K
600 x 400 x 220	-1520K
600 x 400 x 320	-1530K

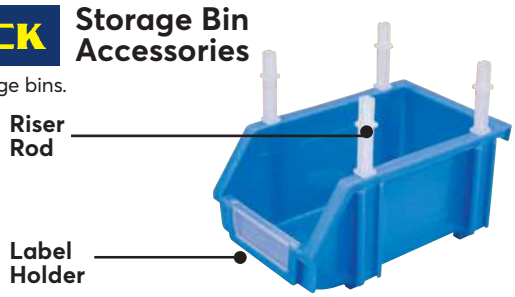
MATLOCK Heavy Duty Euro Containers Complete with Lids

Heavy duty range of attached lid euro containers available in two sizes - 49.5 litre and 68 litre. These can be nested when not in use to save space and then will stack with the lids closed. Available in black (recycled material), blue or red with black lid. All containers feature ergonomic hand grips and can be sealed using security tags.

External Size (mm) (L x W x H)	Order Code MTL-404
Black	
600 x 400 x 265	-1600K
600 x 400 x 350	-1630K
Blue	
600 x 400 x 265	-1610K
600 x 400 x 350	-1640K
Red/Black	
600 x 400 x 265	-1620K
600 x 400 x 350	-1650K

MATLOCK Storage Bin Accessories

For Matlock storage bins.



Description	Order Code MTL-404
Set of 4 Riser Rods	-9030K
Single Riser rod for No.3A, 4 & 5 Bins	-9040K
Label Holder For No.2 & 3 Bins	-3565K
Label Holder For No.1 Bins	-3560K
Label Holder For No.3A, 4 & 5 Bins	-3570K

MATLOCK Plastic Storage Bins

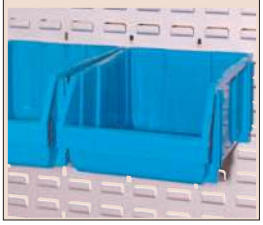
Manufactured from high strength polypropylene. Fit on standard louvre panel, interlocking design. Supplied with risers and label holders.

Nesting

Stacking

Interlocking

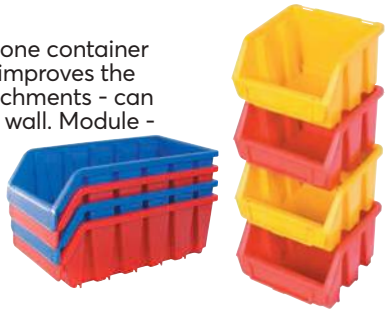
Hanging



Size	Size (mm) H x W x D	Order Code MTL-404 Blue	Green	Yellow	Red	Box Quantity
No.0	53 x 88 x 130	-1060B	-1060G	-1060Y	-1060R	300
No.1	80 x 104 x 163	-1065B	-1065G	-1065Y	-1065R	100
No.2	132 x 157 x 237	-1070B	-1070G	-1070Y	-1070R	64
No.3	165 x 222 x 278	-1075B	-1075G	-1075Y	-1075R	24
No.3A	184 x 280 x 350	-1077B	-1077G	-1077Y	-1077R	8
No.4	184 x 280 x 425	-1080B	-1080G	-1080Y	-1080R	12
No.5	260 x 280 x 425	-1085B	-1085G	-1085Y	-1085R	8

MATLOCK Heavy Duty Plastic Storage Bins

Ergonomic packing - storing one container inside another exceptionally improves the logistics of packing. Slat attachments - can be attached with screws to a wall. Module - special clasps make it possible to create a wall of module boxes. Space for a label.



Size (mm) H x W x L	Order Code MTL-404 Blue	Green	Yellow	Red
75 x 116 x 112	-2130K	-	-2160K	-2150K
75 x 116 x 161	-2170K	-	-2200K	-2190K
75 x 116 x 212	-2210K	-2220K	-2240K	-2230K
126 x 170 x 240	-2250K	-2260K	-2280K	-2270K
155 x 204 x 340	-2290K	-2300K	-2320K	-2310K
187 x 330 x 500	-2330K	-2340K	-2360K	-2350K

SENATOR QUALITY TOOLING Plastic Storage Bins

High strength polypropylene storage bins with label holders, designed for component or part storage. Bins can stand alone, be nested on top of each other or hung on louvred panels, allowing you to create the storage system to satisfy your specific requirements. Available in three sizes and four different colours blue, green, yellow and red.

Product Number	Size (mm) H x W x L	Pack Qty	Order Code SEN-404 Blue	Green	Yellow	Red
Sen1	75 x 110 x 165	35	-1010B	-1010G	-1010Y	-1010R
Sen2	125 x 155 x 240	35	-1020B	-1020G	-1020Y	-1020R
Sen3A	165 x 220 x 350	10	-1040B	-1040G	-1040Y	-1040R

MATLOCK Heavy Duty Bin/Rack Set

Each set comes with a fixing wall, a useful, wide plate which attaches to the wall with screws and can fit several containers of different sizes. Mounting of the boxes is based on an overlap system. It enables firm and stable fastening to the fixing wall, and quick removal when needed.

10 Piece Set
Contains 1 fixing wall,
3 blue bins,
3 black bins and
3 red bins.

20 Piece Set
Contains 2 fixing walls,
6 blue bins,
6 black bins and
6 red bins.

10 PIECES

Item	Overall Size (mm)	Order Code MTL-404
10 Piece Set	345 x 385 x 90	-2110K
20 Piece Set	345 x 385 x 160	-2120K

MATLOCK 'Anti-Bump' Locking Clips

Made from zinc plated spring steel. Designed for use with Matlock louvre panels and bins. Effectively locks the bin into place on the panel to avoid accidental 'knock-off'. Also ideal for use on panels fitted to vans to avoid bins coming dislodged due to the effects of cornering and bumpy ground/road surfaces.

PACK OF 10

Order Code MTL-404
-9100K

MATLOCK

Locking Cabinet with Shelf & Workbench

Lockable storage cabinet with two shelves and two open shelves for additional storage.
Max shelf/drawer capacity: 25kg.
Max cabinet capacity: 180kg.

Shelf Capacity **25 kg** Uniformly Distributed

SELF ASSEMBLY Tools Required

Size (mm) H x W x D	Weight	Order Code SEN-405
865 x 1372 x 508	48.5kg	**-5040K**

MATLOCK

5 Drawer Cabinet & Shelved Workbench

The five drawers have a smooth action sliding mechanism.Two open shelves for additional storage.
Max shelf drawer capacity: 25kg.
Max cabinet capacity: 180kg.

Shelf Capacity **25kg** Uniformly Distributed

SELF ASSEMBLY Tools Required

Size (mm) H x W x D	Weight	Order Code SEN-405
865 x 1372 x 508	61.0kg	**-5050K**

KENNEDY QUALITY INDUSTRIAL TOOLING

2 Drawer Workbench

Professional quality two drawer workbench constructed from heavy gauge steel for sturdy long-term use. Ideal for a range of workshop and industrial applications. Drawers are lockable and fitted with smooth glide drawer runners. Full length storage shelf. Quick and easy assembly. Powder coated finish.

Shelf Capacity **40kg** Uniformly Distributed

SELF ASSEMBLY Tools Required

Size (mm) H x W x D	Weight	Order Code KEN-405
865 x 1500 x 640	77.4kg	**-2320K**

MATLOCK Standard Duty Racking

5 Shelves

This racking system has uprights and beams made of medium gauge steel with a corrosion resistant powder coating and rubber feet to protect the floor.
It is easy to assemble, interlocking with no nuts and bolts to worry about. The shelves are easily adjustable and can take up to 100kg UDL (uniformly distributed load) with the rack being fixed to a wall.

Supplied with wooden shelves.

SELF ASSEMBLY
Tools Required

Size (mm) H x W x D	Max. Shelf Capacity	Number of Shelves	Order Code MTL-405
1830 x 1010 x 400	100kg	5	-1760K

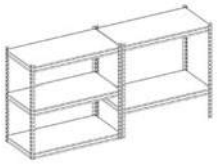
MATLOCK Heavy Duty Racking

5 Shelves

This racking system has two ways of assembly with uprights and beams made of heavy gauge steel with a corrosion resistant powder coating and rubber feet to protect the floor. It is easy to assemble, interlocking 'keyhole' slots, no nuts and bolts. The shelves are easily adjustable and can take up to 318kg UDL (uniformly distributed load) with the rack being fixed to a wall.

-1780K

Assembly options



SELF ASSEMBLY
Tools Required

Size (mm) H x W x D	Max. Shelf Capacity	Number of Shelves	Order Code MTL-405
1830 x 915 x 460	318kg	5	-1740K
1830 x 1230 x 610	318kg	5	-1780K

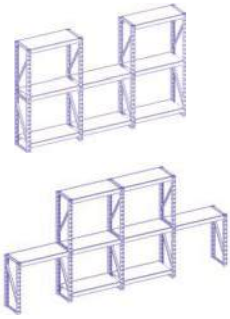
MATLOCK Heavy Duty Racking

4 Shelves

This racking system can be assembled in five ways and has uprights and beams made of heavy gauge steel with a corrosion resistant powder coating and rubber feet to protect the floor. It is easy to assemble, interlocking with just two nuts and bolts joining one upright frame to the next. The 430mm deep shelves are easily adjustable and can take up to 455kg UDL (uniformly distributed load) with the rack being fixed to a wall.

Assembly options

Extended assembly requires 2x - 1660K



SELF ASSEMBLY
Tools Required

Size (mm) H x W x D	Max. Shelf Capacity	Number of Shelves	Order Code MTL-405
1830 x 1040 x 430	455kg	4	-1660K

MATLOCK Quick Assembly Shelving

5 Shelves

Quick and easy to erect
- no nuts or bolts.
265kg (MDF) shelf capacity. Tested and certified to European GS standards. Complete with 5 shelves with strong uprights and beam profiles, finished in high quality epoxy powder coated paint.

Shelf Capacity
265kg
Uniformly
Distributed Load

SELF ASSEMBLY
Tools Required

Size (mm) H x W x D	Order Code MTL-405
1770 x 900 x 450	-1788K

KENNEDY QUALITY INDUSTRIAL TOOLING

Industrial Key Steel

High grade mild steel. Available in square or rectangular sections.
Metric manufactured from: **BS4235 Part 7 1972 grade steel** equivalent to **DIN 6885**.
Inch manufactured from:
BS46 PART 7 1958 pgrade steel.

Length: 300mm and 12".
Other sizes available on request.

Rectangular – Metric

Type	Size	Order Code KEN-421
mm	8 x 5mm	-0850K
	8 x 7mm	-0870K
	10 x 8mm	-1080K
	12 x 8mm	-1280K
	12 x 10mm	-1300K
	14 x 9mm	-1490K
	16 x 10mm	-1610K
	18 x 11mm	-1910K
	20 x 12mm	-2120K
	22 x 14mm	-2400K
	25 x 14mm	-2420K
	28 x 16mm	-2550K
	32 x 18mm	-2650K
	36 x 20mm	-2700K

Set Metric Square

Contents: 4, 5, 6, 8, 10 and 12mm Square

No.of Pieces	Weight each	Order Code KEN-421
6	850g	-0500K

Square – Metric

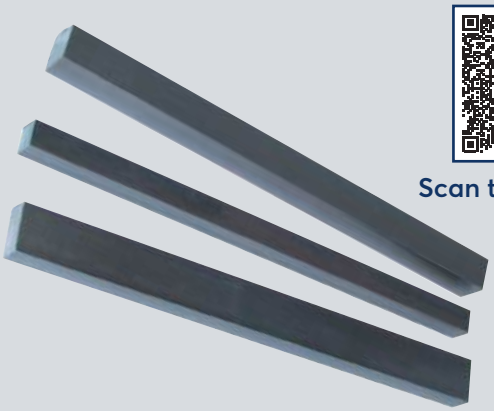
Type	Size	Order Code KEN-421
mm	2mm	-0020K
	4mm	-0040K
	5mm	-0050K
	6mm	-0060K
	7mm	-0070K
	8mm	-0080K
	10mm	-0100K
	12mm	-0120K
	14mm	-0140K
	16mm	-0160K
	18mm	-0180K
	20mm	-0200K
	22mm	-0220K
	25mm	-0250K

Standard Duty Rack Clamps

Scan the QR code

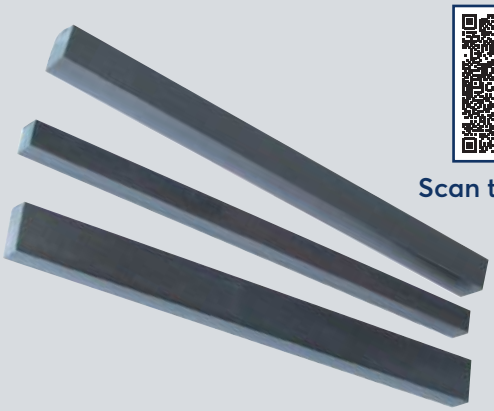
Industrial Key Steel, Square, Imperial

Scan the QR code



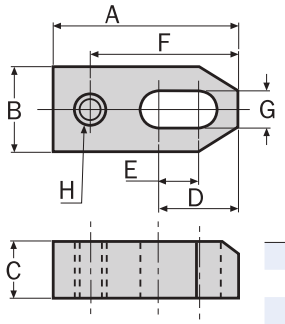
Industrial Key Steel, Rectangular - Inch

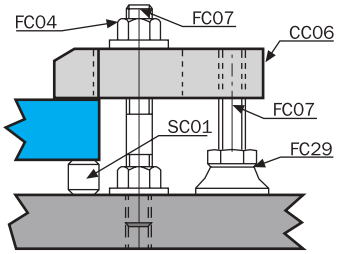
Scan the QR code



INDEXA CC06 - Tapped End Plain Clamp

For use with various knobs, jack screws, clamps and pads.



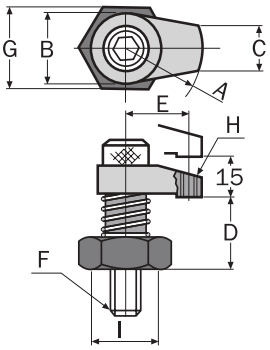


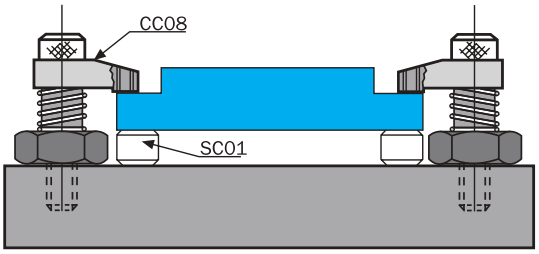
Material: Medium Carbon Steel.
Heat treated to: HRC 32 - 38.
Surface finish: Black Oxide.

Product Number	Length x Width A x B	Dimensions (mm) C	D	E	F	G	H	Order Code IND-425
CC060112	65 x 32mm	19	32	14	52	13	M12	**-1030D**
CC060212	80 x 32mm	19	48	25	69	13	M12	**-1030F**
CC060312	100 x 32mm	19	60	40	89	13	M12	**-1030H**
CC060616	125 x 38mm	25	70	45	110	17	M16	**-1030N**
CC060720	150 x 50mm	25	82	50	134	21	M20	**-1030P**
CC060820	200 x 50mm	25	112	80	184	21	M20	**-1030R**

INDEXA CC08 - Swing Clamp

A small clamp with good holding power, ideal for tight spaces, full swing away feature permits easy part loading.



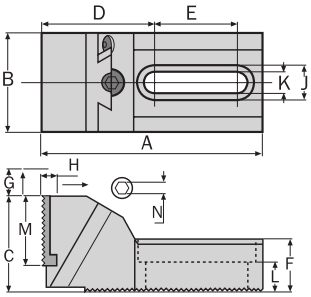


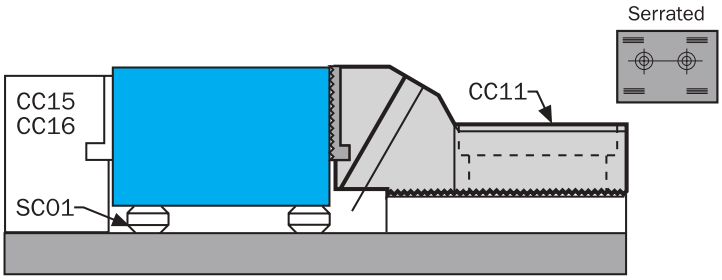
Material: Case Hardened Steel.
Hardness: HRC 38 - 42.
Surface finish: Black Oxide.

Product Number	Length x Width A x B	Dimensions (mm) C	D	E	F	G	H	I	Order Code IND-425
CC080112	30 x 28mm	16	40	-	M12	29	-	21	**-1040D**
CC080212	50 x 32mm	20	45	40	M12	36	M12	26	**-1040G**

INDEXA CC11 - Free Vice Jaw

Clamping force in two directions, with serrated jaws for holding large or irregular shapes.



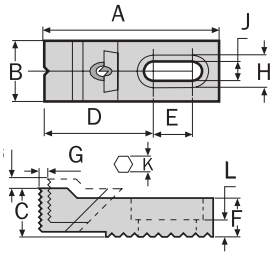


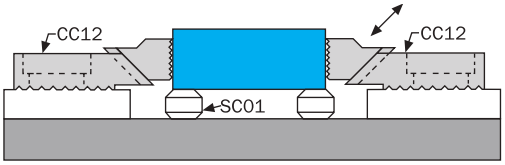
Material: Body: Grey Cast Iron.
Jaw: Medium Carbon Steel EN8D.
Hardness: Jaw Only: HRC 45 - 48.
Surface finish: Jaw: Black Oxide.

Product Number	Type	Length x Width A x B	Dimensions (mm) C	D	E	F	G	H	J	K	L	M	N	Order Code IND-425
CC110112	Serrated	133 x 60mm	54.5	68	50	32	16	6	22	13	16.8	42	10	**-1045D**

INDEXA CC12 - Adjustable Clamp

Low profile clamp that keeps top surfaces clear for machining. Ideal for rough or finished parts.





Ground Serrated

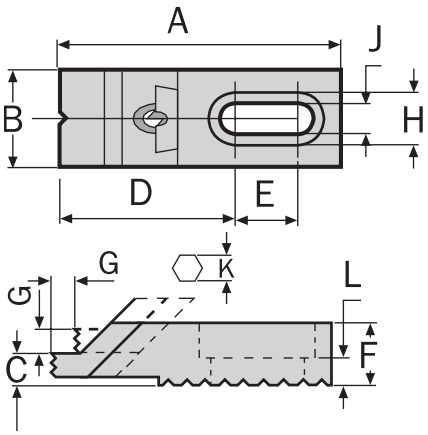
Material: Medium Carbon Steel.
Hardness: Jaw Only: HRC 38.
Surface finish: Black Oxide.
Jaws: Surface treated with high frequency quenching.

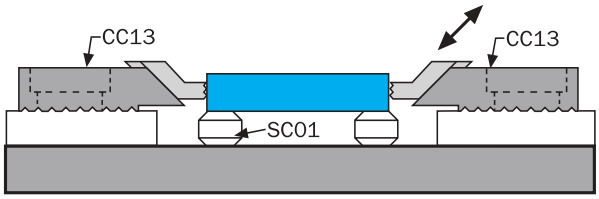
Product Number	Type	Length x Width x Height A x B x C	Dimensions (mm) D	E	F	G	H	J	K	L	Order Code IND-425
CC120108		73.45 x 25 x 18mm	46.95	16.5	16	7	14	8.5	4	7	**-1050D**
CC120212	Serrated	106.64 x 35 x 27.5mm	62.14	30.0	22	12	20	13.5	6	9	**-1050F**
CC120316		134.64 x 40 x 37.5mm	82.14	35.0	30	14	26	17.0	8	13	**-1050H**

INDEXA CC13 - Adjustable Stepped Clamp

Low profile clamp for holding thin parts and keeping top surfaces clear for machining.

Material: Medium Carbon Steel.
Heat treated to: HRC 38.
Surface finish: Black Oxide.
Jaws: Surface treated with high frequency quenching.

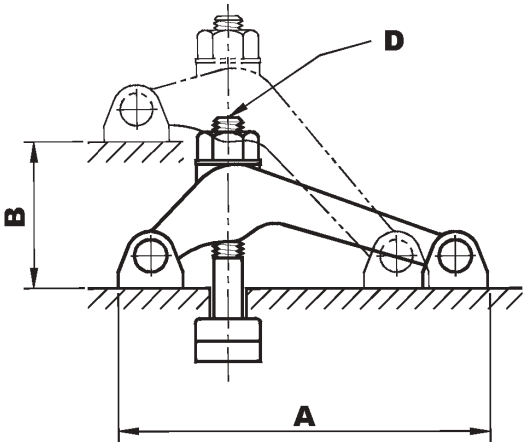


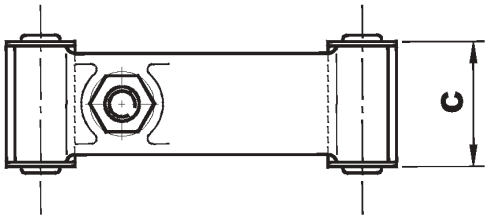


Product Number	Type	Length x Width x Height A x B x C	Dimensions (mm) D	E	F	G	H	J	K	L	Order Code IND-425
CC130212	Serrated	106.64 x 35 x 27.5mm	64.14	30.0	22.0	12	20	13.5	6	9	**-1055F**

INDEXA CC19 - Forged Swivel Clamp

Material: Medium Carbon Steel/Steel Forging.
Heat treated to: 32 - 38°.
Surface finish: Black Oxide.

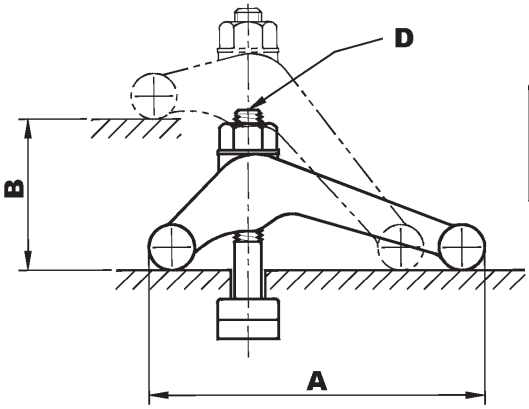


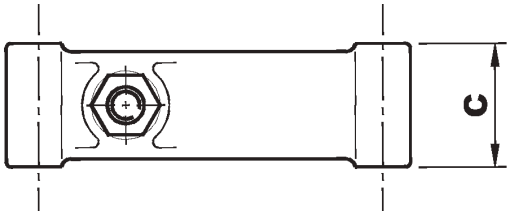


Product Number	Length x Depth A x B	Dimensions (mm) C	D	Order Code IND-425
CC19-NC50	131 x 75mm	46.5	M12-125	**-1085D**

INDEXA CC20 - Forged Swivel Clamp

Material: Medium Carbon Steel/Steel Forging.
Heat treated to: 32 - 38°.
Surface finish: Black Oxide.

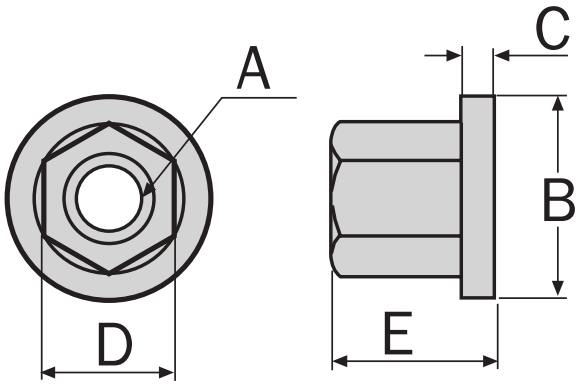




Product Number	Length x Depth A x B	Dimensions (mm) C	D	Order Code IND-425
CC20-NC6	150 x 85mm	52	M16-150	**-1090M**

FC04 - Flanged Nut

Material: Medium Carbon Steel.
Hardness: HRC 30 - 35.
Surface finish: Black Oxide.

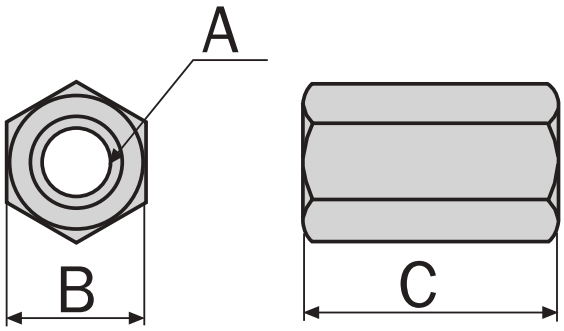


Product Number	Thread A	Dimensions (mm) B	C	D	E	Order Code IND-425
FC040110	M10	22	3	17	13	**-2025G**
FC040212	M12	28	4	19	17	**-2025K**
FC040316	M16	33	5	24	20	**-2025P**
FC040420	M20	40	6	30	25	**-2025T**

FC05 - Extension Nut

Extends the length of clamping studs.

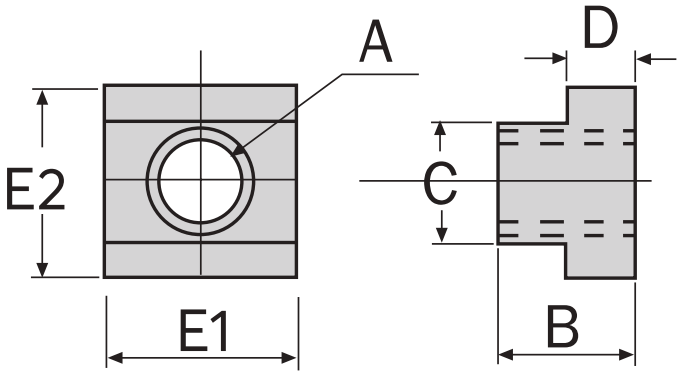
Material: Medium Carbon Steel.
Hardness: HRC 30 - 35.
Surface Finish: Black Oxide.



Product Number	Size A	Dimensions (mm) B	C	Order Code IND-425
FC050110	M10	17	30	**-2030F**
FC050212	M12	19	36	**-2030K**
FC050316	M16	24	48	**-2030N**
FC050420	M20	30	60	**-2030R**

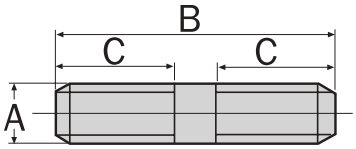
FC06 - T-Slot Nut (Milled)

Material: Medium Carbon Steel.
Hardness: HRC 30 - 35.
Surface finish: Black Oxide.



Product Number	Size A	Dimensions (mm) B	C	D	E1	E2	Order Code IND-425
FC060110	M10	14.0	11.8	7.0	22	18.0	**-2035G**
FC060212	M12	16.0	13.8	8.0	28	22.0	**-2035K**
FC060316	M16	20.0	17.7	10.5	30	28.5	**-2035P**
FC060420	M20	25.0	22.0	14.0	38	36.0	**-2035T**

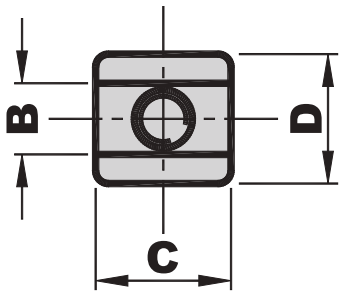
INDEXA FC07 - Engineer's Stud

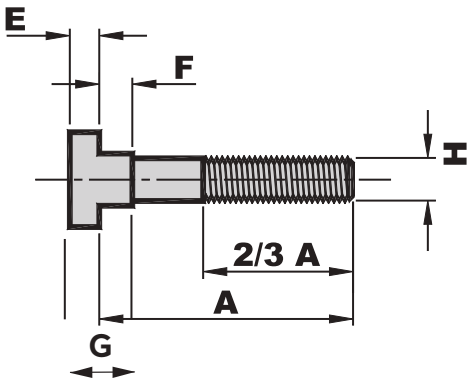


Material:
Medium Carbon Steel.
Hardness:
HRC 30 - 35.
Surface finish:
Black Oxide.

Product Number	Size A x B	Dimension C	Order Code IND-425
FC070110	M10 x 50mm	22	-2120S
FC070210	M10 x 75mm	30	-2125S
FC070310	M10 x 100mm	38	-2130S
FC070510	M10 x 150mm	50	-2140S
FC070612	M12 x 50mm	22	-2145S
FC070712	M12 x 75mm	30	-2150S
FC070812	M12 x 100mm	38	-2155S
FC070912	M12 x 125mm	38	-2160S
FC071012	M12 x 150mm	50	-2165S
FC071112	M12 x 200mm	65	-2170S
FC071212	M12 x 300mm	80	-2175S
FC071214	M14 x 75mm	30	-2176S
FC071214	M14 x 100mm	38	-2177A
FC071214	M14 x 125mm	38	-2177G
FC071214	M14 x 150mm	50	-2177K
FC071316	M16 x 75mm	20	-2180S
FC071416	M16 x 100mm	38	-2185S
FC071516	M16 x 125mm	38	-2190S
FC071616	M16 x 150mm	50	-2195S
FC071616	M16 x 175mm	50	-2197S
FC071716	M16 x 200mm	65	-2200S
FC071816	M16 x 250mm	65	-2205S
FC071916	M16 x 300mm	80	-2210S
FC072116	M16 x 500mm	100	-2220S
FC072320	M20 x 100mm	38	-2230S
FC072420	M20 x 125mm	38	-2235S
FC072520	M20 x 150mm	50	-2240S
FC072620	M20 x 200mm	65	-2245S
FC072720	M20 x 250mm	65	-2250S
FC072820	M20 x 300mm	80	-2255S
FC072920	M20 x 400mm	100	-2260S
FC073020	M20 x 500mm	100	-2265S

INDEXA FC40 - T-Slot Bolt

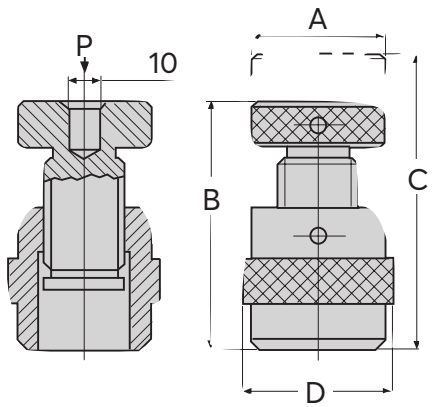


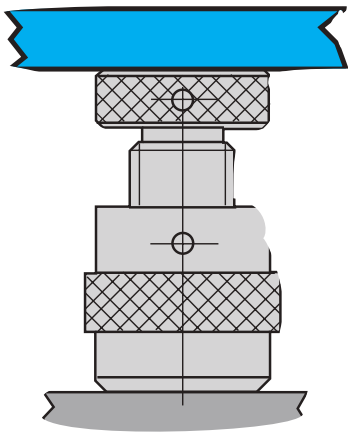


Material: Medium Carbon Steel.
Hardness: HRC 32 - 38.
Surface finish:
Black Oxide.

Product Number	Dimensions (mm) A	B	C	D	E	F	G	H	Order Code IND-425
FC40- 1250	50								-2900D
FC40- 1275	75								-2900F
FC40- 12100	100	12	26	22	7	6	13	M12	-2900H
FC40- 12125	125								-2900K
FC40- 12150	150								-2900M
FC40- 12175	175								-2900P
FC40- 1650	50								-2910D
FC40- 1675	75								-2910F
FC40- 16100	100	16	32	27	8	8	16	M16	-2910H
FC40- 16125	125								-2910K
FC40- 16150	150								-2910M
FC40- 16175	175								-2910P
FC40- 2075	75								-2920F
FC40- 20100	100								-2920H
FC40- 20125	125								-2920K
FC40- 20150	150	20	40	30	11	11	22	M20	-2920M
FC40- 20175	175								-2920P
FC40- 20200	200								-2920R
FC40- 24150	150								-2930M
FC40- 24200	200	24	50	44	16	15	31	M24	-2930R

INDEXA SC11A - Screw Jack

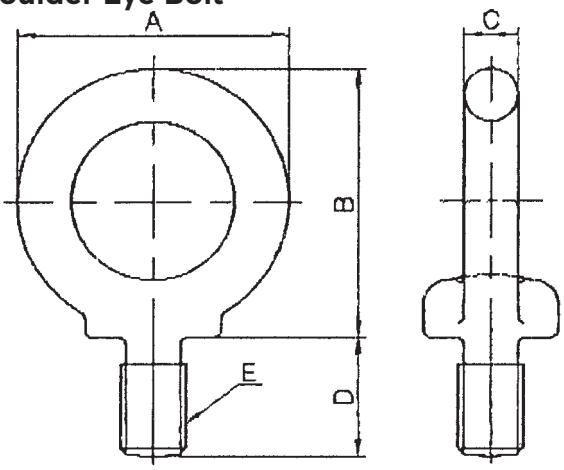




Material: Medium Carbon Steel.
Hardness: HRC 40.
Surface finish: Black Oxide.

Product Number	Diameter x Height A x B (Min)	Dimensions (mm) C	Dimensions (mm) D	Holding Load (kN)	Order Code IND-425
SC20032050	32 x 40mm	60	32	72	**-3057D**
SC20070140	65 x 100mm	150	70	135	**-3057P**

INDEXA SEB - Shoulder Eye Bolt



Product Number	Thread (E)	Dimensions (mm) A	Dimensions (mm) B	Dimensions (mm) C	Dimensions (mm) D	Load	Order Code IND-425
SEB1017	M10	41	41.5	8	18	150kg	**-3210S**
SEB1220	M12	50	51	10	22	220kg	**-3212S**
SEB1525	M16	60	60	12.5	27	450kg	**-3216S**
SEB2030	M20	72	71	16	30	630kg	**-3220S**

Drill Chuck Arbors

See our range

Scan the QR code

Clamping Sets

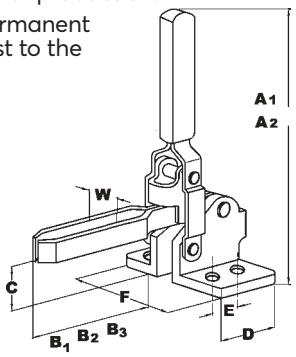
See our range

Scan the QR code

INDEXA Vertical Industrial Toggle Clamp

Designed to improve performance in fabrication and engineering clamping applications. The rapid clamping/unclamping made possible by the use of toggle clamps can greatly reduce machine/operator 'down-time' during all stages of production.

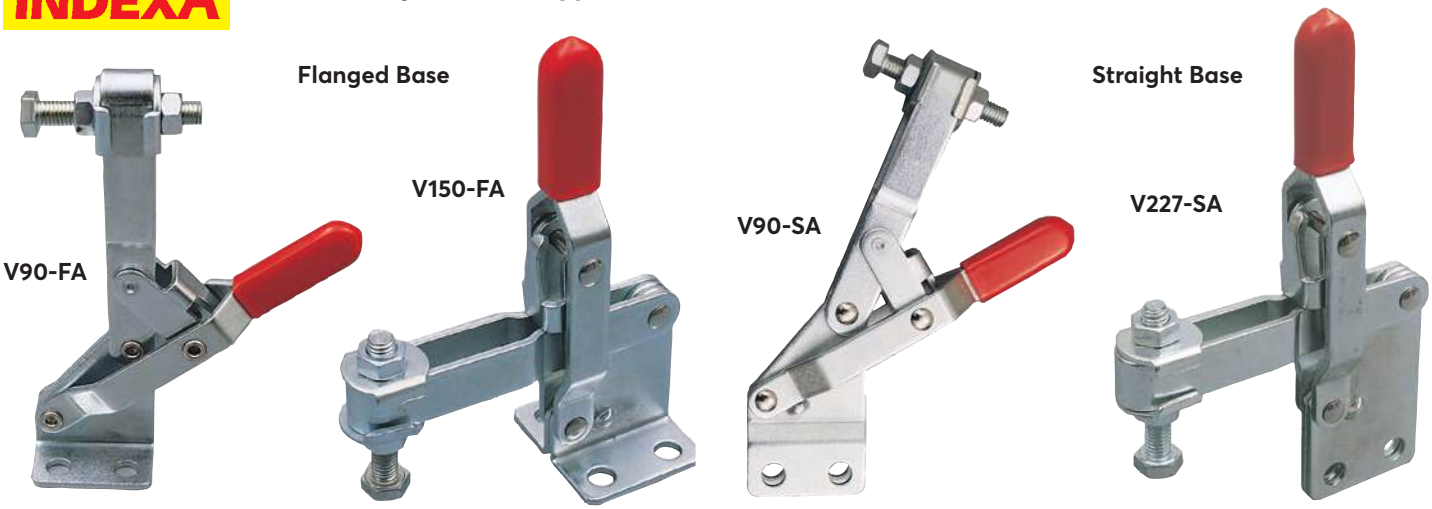
Clamping Capacity - the forces stated are the maximum loads that can be applied without causing permanent deformation. Due to leverage ratios, the holding capacity will be greatest at the point on the bar nearest to the handle of the clamp and forces stated have been achieved at this point.



Vertical Clamp Dimensions (mm)

Holding Capacity	A_1 Flanged Base	A_2 Straight Base	B_1 Adj. Bar	B_2 Fixed Bar	B_3 Solid Bar	C Flanged Base	D	E	F Flanged Base	W
50kg	75.0	83.8	24.5	–	–	19.0	25.4	15.9	33.3	5.2
90kg	95.2	107.1	33.2	33.2	–	23.0	25.4	12.7	39.7	6.4
150kg	139.0	160.0	63.0	–	–	38.0	43.0	33.0	50.0	11.0
227kg	139.7	154.0	71.4	–	57.2	31.8	34.9	31.8	46.0	8.3
300kg	285.0	330.0	120.0	–	–	50.0	60.0	30.0	77.0	13.5
450kg	225.4	257.5	125.4	–	–	50.8	50.8	31.8	64.2	13.5
550kg	304.8	352.4	153.0	–	153.0	82.6	76.2	50.8	95.2	16.7

INDEXA 'U' Bar (Adjustable) Type



Product Number	Holding Capacity	Movement Handle	Movement Bar	Base Type	Supplied With	Order Code IND-443
V50-FA	50kg	56°		100°	Tipped Spindle (No.10) and Flanged Washer	-1020K
V90-FA	90kg	60°		100°	Spindle (¼") and Flanged Washer	-1220K
V150-FA	150kg	45°		94°	Hex Head Spindle (M8) and Bolt Retainer	-1320K
V227-FA	227kg	60°		100°	Tipped Spindle (5/16") and Flanged Washer	-1420K
V300-FA	300kg	67°		140°	Hex Head Spindle (M10)	-1620K
V450-FA	450kg	70°		135°	Hex Head Spindle (½") and Flanged Washer	-1720K
V550-FA	550kg	60°		140°	Hex Head Spindle (⅝") and Flanged Washer	-1920K
V340-FA	340kg	58°		105°	Tipped Spindle (⅜") and Flanged Washer	-1590K
V90-SA	90kg	60°		100°	Spindle (¼") and Flanged Washer	-1270K
V150-SA	150kg	45°		94°	Hex Head Spindle (M8) and Bolt Retainer	-1370K
V227-SA	227kg	60°		100°	Tipped Spindle (5/16") and Flanged Washer	-1470K

INDEXA Fixed Spindle & Solid Bar Type

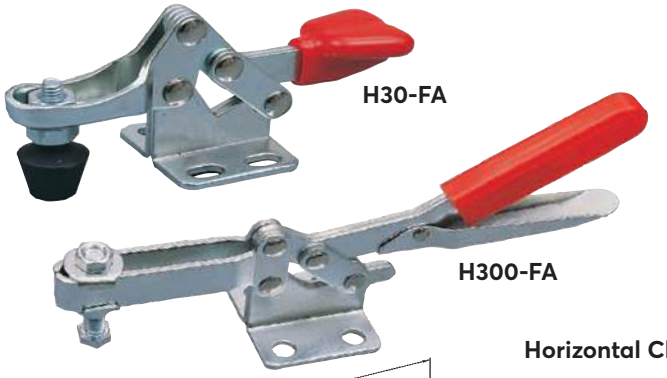
- Designed to improve performance in fabrication and engineering clamping applications
- Zinc plated body and linkage components
- Red vinyl hand grip

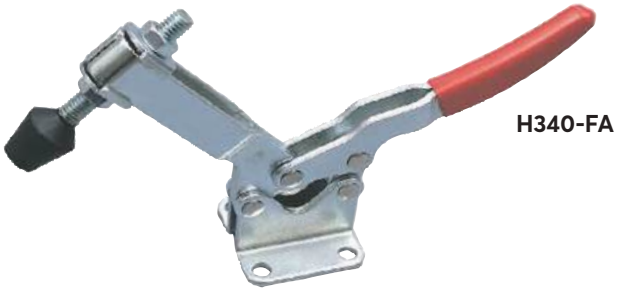
Product Number	Holding Capacity	Movement Handle	Movement Bar	Base Type	Supplied With	Order Code IND-443
V100-FF	90kg	60°	100°	Flanged	Fixed Spindle (¼")	-1120K
V227-FS	227kg	60°	100°	Straight	Solid Bar Hex Head (5/16") and Bolt Retainer*	-1520K
V450-FS	450kg	70°	135°	Flanged	Solid Bar Hex Head Spindle (½") and Bolt Retainer*	-1820K
V450-SS	450kg	70°	135°	Flanged	Solid Bar Hex Head Spindle (5/8") and Bolt Retainer*	-1870K

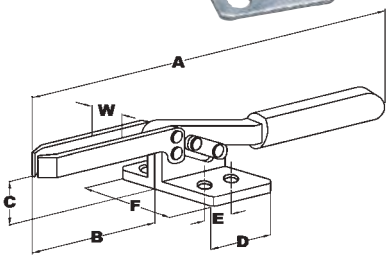
Bolt retainer supplied to be welded by user

INDEXA Horizontal Industrial Toggle Clamp

With a low profile design suitable for use in applications requiring increased access to the actual workpiece. Available in eight sizes for general application in areas where a lower profile is required. Force applied downwards 90° to bar.







Horizontal Clamp Dimensions (mm)

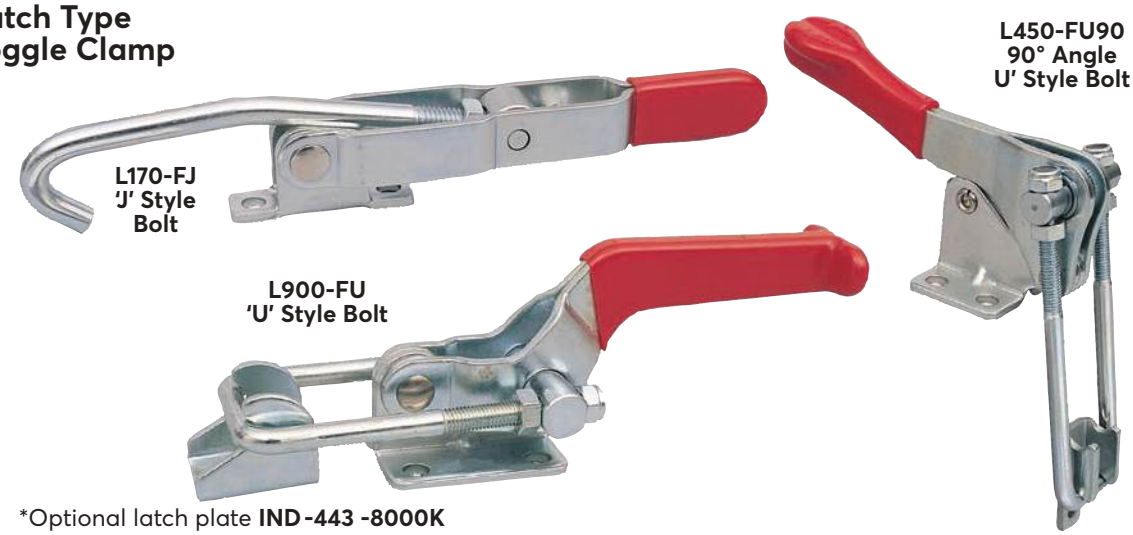
Holding Capacity	A	B	C	D	E	F	W
30kg	76.5	28.0	12.5	24.0	11.5	28.5	8.5
90kg	138.0	55.0	25.4	37.0	25.4	36.0	7.4
227kg	168.0	70.0	34.9	38.0	25.4	35.0	8.3
300kg	270.0	85.0	36.5	58.0	34.0	60.0	11.0
340kg	262.0	107.5	46.9	57.1	41.3	57.2	11.0
400kg	240.0	60.0	54.0	70.0	42.0	50.0	12.6
500kg	270.0	91.2	38.0	58.0	37.0	70.0	11.0
636kg	272.0	76.2	51.0	90.0		48.0	12.7

Product Number	Holding Capacity	Movement		Base Type	Supplied with	Order Code IND-443
		Handle	Bar			
H65-FA	75kg	76°	94°	Flanged	Hex Head Spindle (M5) Moulded PVC Handles	-1960K
H86-FA	150kg	76°	94°		Hex Head Spindle (M6) Moulded PVC Handles	-1970K
H217-FA	250kg	76°	94°		Hex Head Spindle (M8) Moulded PVC Handles	-1980K
H30-FA	30kg	88°	80°		Tipped Spindle (M4)	-2020K
H90-FA	90kg	60°	85°		Tipped Spindle (1/4") and Flanged Washer	-2120K
H227-FA	227kg	65°	90°		Tipped Spindle (5/16") and Flanged Washer	-2220K
H300-FA	300kg	85°	80°		Hexagon Head Spindle (3/8") and Flanged Washer	-2320K
H340-FA	340kg	50°	85°		Tipped Spindle (3/8") and Flanged Washer	-2420K
H400-FA	400kg	85°	84°		Tipped Spindle (3/8") and Flanged Washer	-2520K
H500-FA	500kg	85°	65°		Hexagon Head Spindle (M10) and Flanged Washer	-2620K

**Single mounting centre hole 13mm diameter for 'Tee' bolt mounting

INDEXA Latch Type Toggle Clamp

Suitable for sealing chamber doors or mould closures. The latched bolts are threaded to allow easy adjustment and provide positive connection with latch plate.



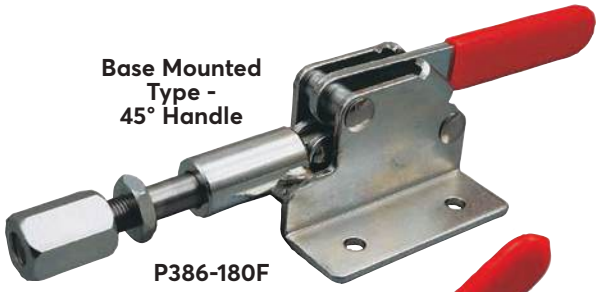
*Optional latch plate **IND-443 -8000K**

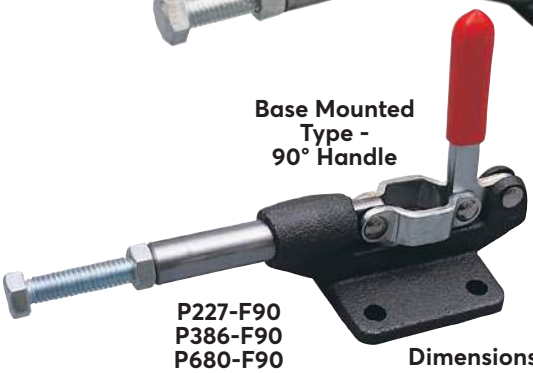
Product Number	Holding Capacity	Drawing Movement	Drawing Adjust	Base Type	Description	Order Code IND-443
L164-FU	164kg	30mm	9.9mm	Flanged	U-Style Bolt	-4070K
L318-FU	318kg	45mm	9.6mm		U-Style Bolt	-4010K
L900-FU	900kg	80mm	23.8mm		U-Style Bolt	-4130K
L1818-FU	1818kg	88.9mm	19mm		U-Style Bolt*	-4170K
L3400-FU	3400kg	55.6mm	28.6mm		U-Style Bolt*	-4210K
L170-FJ	170kg	100mm	6.5mm		J-Style Bolt	-4030K
L170-FJ	170kg	105mm	35mm		J-Style Bolt	-4050K
L225-FU90	225kg	25mm	15mm		90° Angle U-Style Bolt	-4090K
L450-FU90	450kg	65mm	33mm		90° Angle U-Style Bolt	-4110K

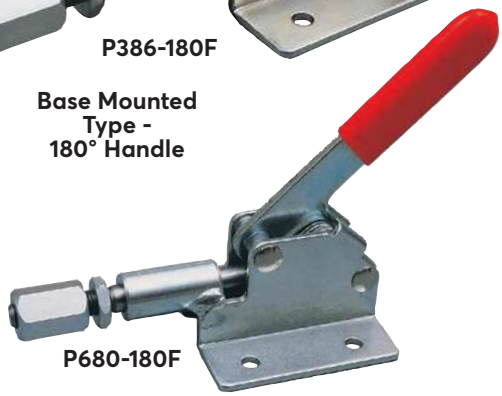
INDEXA Push Pull Industrial Toggle Clamp

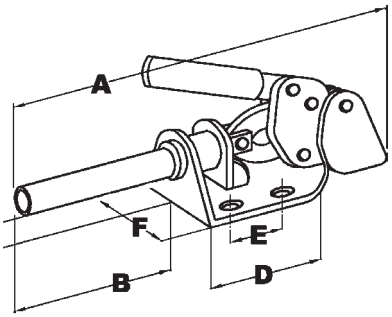
The straight line action which gives these plunger-style clamps extremely high loading capacities whilst maintaining compactness. These clamps also lock in the open position which allows a 'pull' to be exerted (for instance, in use with foam moulds). All models have tapped spindles for use with adjustable spindles.

Base Mounted Type (Flanged)







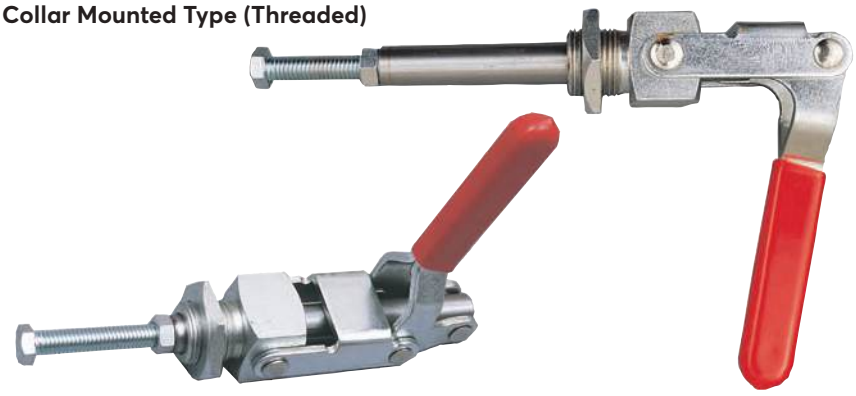


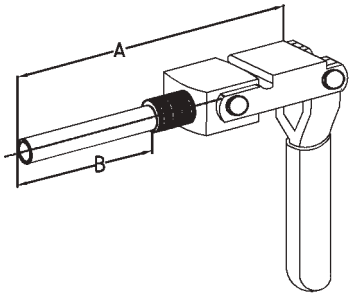
Dimensions (mm)

Holding Capacity	A – Excluding Handle	B	C	D	E	F
45kg	72.2	38.9	9.5	33.3	15.0	27.0
50kg	71.9	16.9	13.0	49.0	24.0	42.0
136kg	138.0	47.0	24.6	48.0	35.0	56.0
160kg	146.0	76.0	15.5	70.0	40.0	72.0
200kg	124.5	41.5	14.0	48.0	40.0	50.0
227kg	125.4	52.4	19.0	52.4	35.0	57.2
295kg	204.0	112.0	17.7	92.0	60.0	83.0
386kg	158.8	81.0	23.8	58.8	41.4	57.2
680kg	238.2	120.8	35.0	73.2	50.8	71.4
1136kg	178.6	50.8	12.5	127.8	34.9	56.2
1136kg	178.6	50.8	12.5	127.8	41.3 (6 holes)	56.2
1600kg	310.0	87.0	47.0	227.0	80.0	107.0

Product Number	Holding Capacity	Spindle Thread	Handle Movement	Handle Position	Base Type	Supplied With	Order Code IND-443
P45-F45	45kg	¼" UNC x 12 Deep	190°	45° Extended	Flanged	Nylon Spindle	**-3030K**
P136-F45	136kg	M8	180°	45° Extended	Flanged	Hexagon Head Spindle	**-3060K**
P200-F45	180kg	M8 x 1.25	144.5°	45° Extended	Flanged	Hexagon Head Spindle	**-3090K**
P180-FA	180kg	M8 x 1.25	145°	45° Extended	Flanged	Hexagon Head Spindle	**-3100K**
P227-F45	227kg	M8	180°	45° Extended	Flanged	Hexagon Head Spindle	**-3120K**
P386-F45	386kg	M10	180°	45° Extended	Flanged	Hexagon Head Spindle	**-3180K**
P680-F45	680kg	M12	180°	45° Extended	Flanged	Hexagon Head Spindle	**-3240K**
P1136-F45	1136kg	M10	180°	45° Extended	Flanged	Hexagon Head Spindle	**-3300K**
P227-F90	227kg	M8 x 30 Deep	180°	90° Extended	Flanged	Hexagon Head Spindle	**-3150K**
P386-F90	386kg	M10 x 40 Deep	180°	90° Extended	Flanged	Hexagon Head Spindle	**-3210K**
P680-F90	680kg	M12 x 50 Deep	180°	90° Extended	Flanged	Hexagon Head Spindle	**-3270K**
P50-180F	50kg	M5	66°	180° Extended	Flanged	Hexagon Head Spindle	**-3700K**
P386-180F	160kg	M10	45°	180° Extended	Flanged	Hexagon Head Spindle	**-3730K**
P680-180F	295kg	½" UNC	45°	180° Extended	Flanged	Hexagon Head Spindle	**-3760K**

Collar Mounted Type (Threaded)





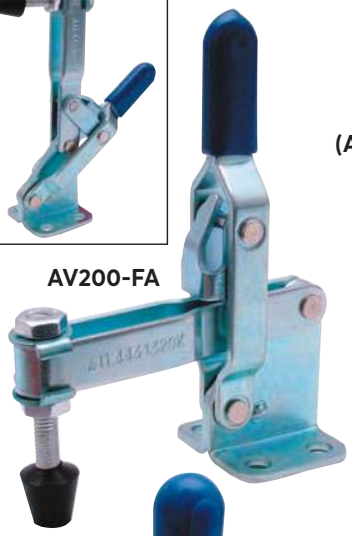
Dimensions (mm)

Holding Capacity	A – Excluding Handle	B
91kg	30.3	20.6
136kg	115.0	37.7
318kg	169.5	65.3

Product Number	Holding Capacity	Spindle Thread	Collar Thread	Handle Movement	Base Type	Supplied with	Order Code IND-443
P91-FT	91kg	¼" UNC	M16	180°		Nylon Spindle	**-3530K**
P136-FT	136kg	5/16" UNC	M20	180°	Flanged	Hexagon Head Spindle	**-3560K**
P318-FT	318kg	3/8" UNC	M27	180°		Hexagon Head Spindle	**-3590K**

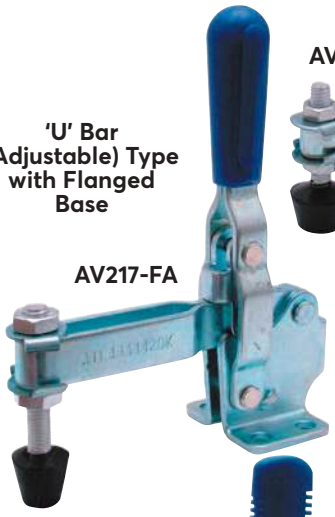
ATLAS WORKHOLDERS Vertical Industrial Toggle Clamp

Designed to improve performance in fabrication and engineering clamping applications. The rapid clamping/unclamping made possible by the use of toggle clamps can greatly reduce machine/operator 'down-time' during all stages of production.



AV200-FA

'U' Bar (Adjustable) Type with Flanged Base



AV217-FA

AV50-FA

'U' Bar (Adjustable) Type with Side Facing Flanged Base

AV90-FA

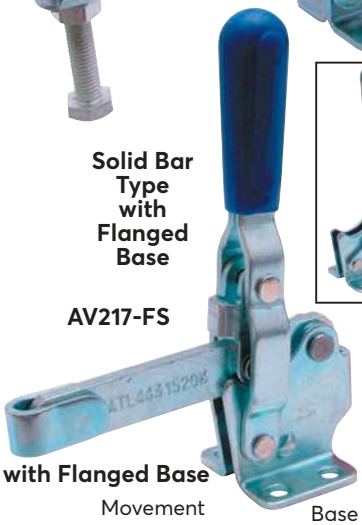
AV150-FA

AV450-FA

Fixed Spindle Type with Flanged Base

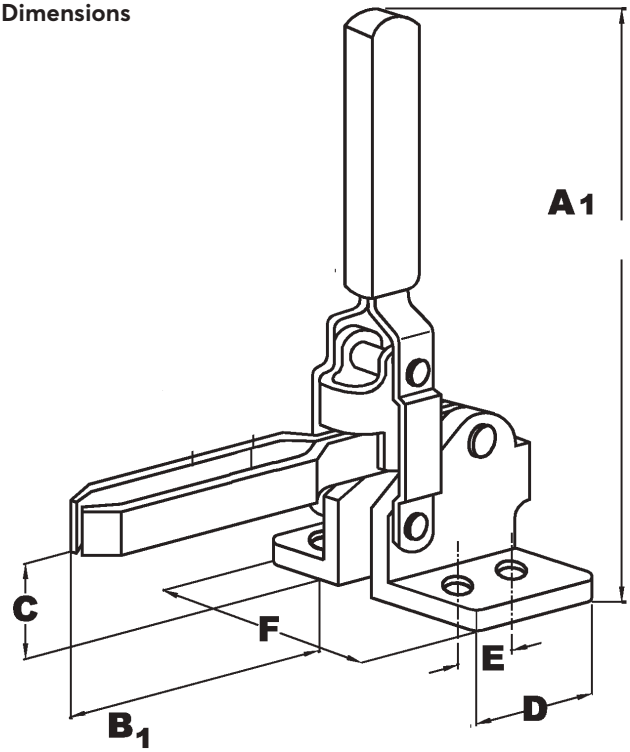
AV80-FF

Solid Bar Type with Flanged Base



AV217-FS

Dimensions



'U' Bar (Adjustable) Type with Flanged Base

Product Number	A_1 Flanged Base	B_1 Flanged Base	C Flanged Base	D	E	F Flanged Base
AV50-FA	75.0	24.5	17.0	25.4	15.9	33.0
AV90-FA	119.0	33.0	45.0	35.0	14.0	30.0
AV150-FA	143.0	44.0	31.0	35.0	12.7	42.0
AV200-FA	139.0	63.0	38.0	43.0	24.0	50.0
AV217-FA	139.7	71.4	31.8	34.9	19.0	46.0
AV450-FA	272.0	125.0	62.0	70.0	40.0	70.0

Fixed Spindle Type with Flanged Base

Product Number	A_1 Flanged Base	B_1 Flanged Base	C Flanged Base	D	E	F Flanged Base
AV80-FF	100.0	27.0	23.8	25.4	12.7	39.7
AV217-FS	139.7	57.2	31.8	34.9	19.0	46.0

'U' Bar (Adjustable) Type with Flanged Base

Product Number	Holding Capacity	Movement Handle	Movement Bar	Base Type	Supplied With	Order Code ATL-443
AV50-FA	50kg	56°	100°	Flanged	Tipped Spindle (M5) and Flanged Washers	-1020K
AV90-FA**	90kg	60°	100°		Spindle (M6) and Bolt Retainer	-1220K
AV150-FA	150kg	70°	108°		Hex Head Spindle (M6) Moulded PVC Handle	-1970K
AV200-FA	200kg	45°	94°		Hex Head Spindle (M8) and Flanged Washers	-1320K
AV217-FA	217kg	60°	100°		Tipped Spindle (M8) and Flanged Washers	-1420K
AV450-FA	450kg	70°	135°		Hex Head Spindle (M12) and Flanged Washers	-1720K

** Model AV90-FA has Side Flange - All other FA models ed have Flat Flanges

Fixed Spindle Type with Flanged Base

Product Number	Holding Capacity	Movement Handle	Movement Bar	Base Type	Supplied With	Order Code ATL-443
AV80-FF	90kg	60°	100°	Flanged	Fixed Spindle (M8)	-1120K
AV217-FS	217kg	60°	100°		Solid Bar and Bolt Retainer (M8)*	-1520K

*Please note that the bolt retainer supplied needs to be welded in to position by the user

ATLAS WORKHOLDERS Horizontal Industrial Toggle Clamps

With a low profile design suitable for use in applications requiring increased access to the actual workpiece.
Available in eight sizes for general application in areas where a lower profile is required.
Force applied downwards 90° to bar.

'U' Bar (Adjustable) Type with Flanged Base

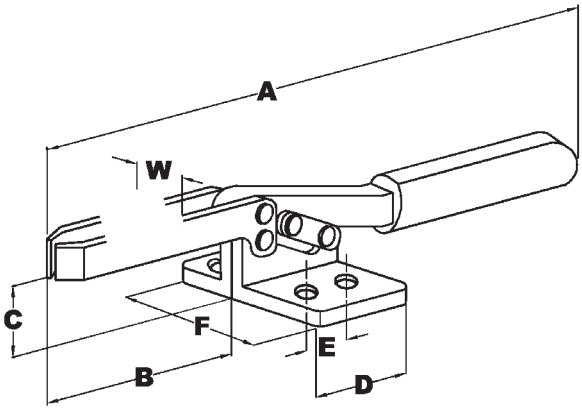
AH250-FA

AH20-FA

AH340-FA

AH80-FA

Dimensions



Product Number	A	B	C	D	E	F
AH20-FA	110.0	37.5	24.8	36.5	24.0	30.0
AH80-FA	138.1	55.0	25.4	36.5	25.4	38.0
AH217-FA	168.0	70.0	34.9	38.0	53.4	35.0
AH250-FA	274.0	108.0	45.0	59.0	41.2	59.0
AH340-FA	263.5	108.0	44.4	57.2	41.3	57.2

Product Number	Holding Capacity	Movement Handle	Movement Bar	Base Type	Supplied with	Order Code ATL-443
AH20-FA	30kg	88°	80°		Tipped Spindle (M6) and Flanged Washers	**-2020K**
AH80-FA	80kg	60°	85°		Tipped Spindle (M6) and Flanged Washers	**-2120K**
AH217-FA	217kg	65°	90°	Flanged	Tipped Spindle (M8) and Flanged Washers	**-2220K**
AH250-FA	250kg	94°	76°		Hexagon Head Spindle (M10) and Flanged Washers	**-2620K**
AH340-FA	340kg	50°	85°		Tipped Spindle ((M10) and Flanged Washers	**-2420K**

ATLAS WORKHOLDERS Latch Type Toggle Clamps

Suitable for sealing chamber doors or mould closures. The latched bolts are threaded to allow easy adjustment and provide positive connection with latch plate.

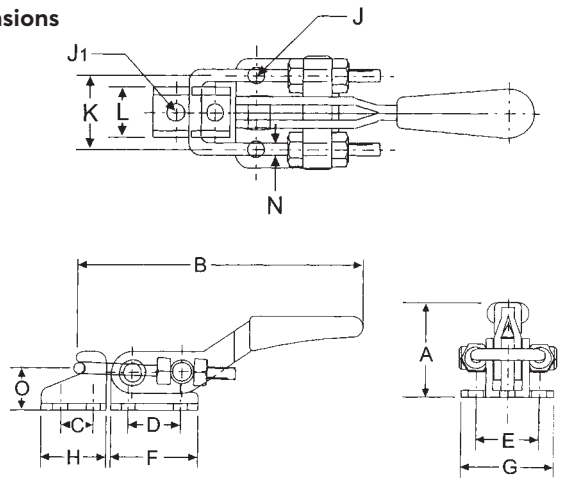
'U' Style Bolt Type with Flanged Base

AL165-FU

AL900-FU

AL320-FU

Dimensions



Product Number	A	B	C	D	E	F	G	H	J	J_1	K	L	N	O
AL165-FU	36	88	9.9	16	19	26	28	45	4.3	4.3	19	13.2	3.3	12
AL320-FU	45	151.6	14	19	31.8	39.6	44.5	25	6.8	6.8	25.4	17.5	4	17
AL900-FU	70.6	190	19	41.4	38	60.5	54	38	8.4	8.4	44.5	30.0	8	24

Product Number	Holding Capacity	Drawing Movement	Drawing Adjust	Base Type	Description	Order Code ATL-443
AL165-FU	165kg	30mm	9.9mm		U-Style Bolt	**-4070K**
AL320-FU	320kg	45mm	9.6mm	Flanged	U-Style Bolt	**-4010K**
AL900-FU	900kg	80mm	23.8mm		U-Style Bolt	**-4130K**

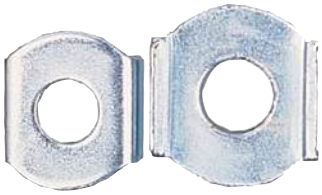
INDEXA Latch Plates

For use with latch type toggle clamps.

Base Size	Hook Width	Order Code IND-443
80 x 55mm	22mm	-8000K

INDEXA Flanged Washers

For use in conjunction with all spindles on clamps with adjustable 'U' bars.



To fit Spindle	Weight each	Order Code IND-443
1/4"	4g	-8740K
5/16" (M8)	10g	-8780K
3/8" (M10)	15g	-8800K
1/2"	37g	-8820K

INDEXA Neoprene Capped Spindles

For use with adjustable 'U' bar type clamps and solid bar type clamps that have bolt retainers.

Size	Length	Weight each	Order Code IND-443
M4 x 0.70	25mm	5g	-8020K
M8 x 1.25	63mm	34g	-8100K
M10 x 1.5	85mm	64g	-8140K
No 10UNC	1 3/8"	9g	-8200K
1/4" UNC	1 3/4"	16g	-8220K
5/16" UNC	2 1/2"	31g	-8260K

INDEXA Neoprene Caps

For standard adjustable spindles.

To fit Spindle	Weight each	Order Code IND-443
1/4"	08g	-8600K
5/16"	15g	-8620K
3/8"	24g	-8640K
1/2"	45g	-8660K

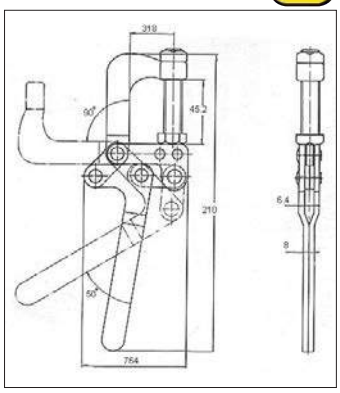
INDEXA Heavy-Duty Weldable Toggle Clamps

Hold down action suitable for high production automotive type applications. Heavy duty forged components with hardened and ground pivot points. The users provide their own handle and bar and weld them to the clamp which is then welded to a base. The flexible mounting of these clamps allows them to be used in situations where standard clamps are not effective.

Holding Capacity	Base Width	Clamp Height with Handle	Order Code IND-443
700kg	45mm	130mm	-5030K

INDEXA Cam Type Toggle G-Clamp (Pull Back Clamp)

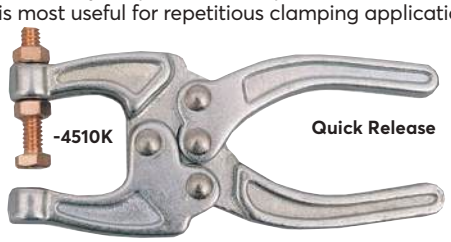
To securely fix the clamp into position the base can be welded to the work surface.



Holding Capacity	Jaw Opening	Jaw Movement	Handle Movement	Order Code IND-443
340kg	45.2mm	90°	50°	-5510K

INDEXA Toggle Pliers

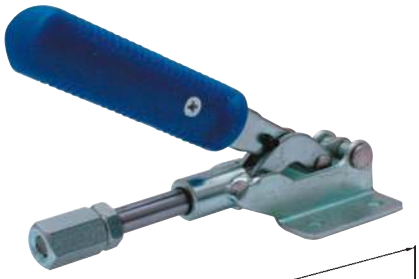
Toggle pliers have the advantage of a pivoting jaw mechanism to allow a deep throat depth to open and close easily when clamping awkward profiles such as steel angle section. The jaw spindle can be pre-set to achieve the optimum clamping distance and pressure and so is most useful for repetitious clamping applications.

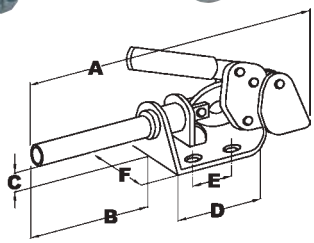


Holding Capacity	Jaw Min	Opening Max	Standard Spindle Supplied	Order Code IND-443
90kg	25.4mm	52.4mm	Hex. Head	-4510K
159kg	31.8mm	65.1mm		-4530K
318kg	44.4mm	92.0mm	Swivel	-4550K
318kg	76.2mm	123.8mm	Hex. Head & Swivel	-4570K

ATLAS WORKHOLDERS Push Pull Industrial Toggle Clamps

The straight line action which gives these plunger-style clamps extremely high loading capacities whilst maintaining compactness. These clamps also lock in the open position which allows a 'pull' to be exerted (for instance, in use with foam moulds). All models have tapped spindles for use with adjustable spindles.





Product Number	A – Excl. Handle	B	C	D	E	F
AP136	138.1	49.2	24.6	88.9	34.9	55.6
AP200	124.5	41.5	20.0	83.0	40.0	50.0
AP227	151.0	63.0	20.0	88.0	32.0	63.0

Product Number	Holding Capacity	Spindle Thread	Handle Movement	Handle Position	Base Type	Supplied With	Order Code ATL-443
AP136	136kg	M8	180°		Flanged	Hexagon Head Spindle	-3060K
AP200	200kg	M8 x 1.25	150°	45°		Hexagon Head Spindle	-3090K
AP227	227kg	M8 x 30 Deep	190°	Extended		Hexagon Head Spindle	-3150K

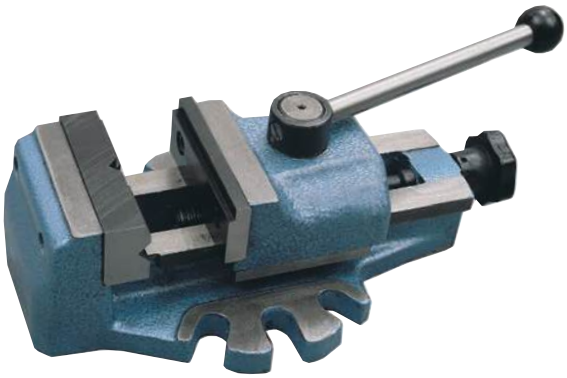
SENATOR QUALITY TOOLING Drill Press Vice

Suitable for use on pillar/bench drills to steady the workpiece in all light duty drilling applications for the garage or small workshop. Cast construction with machined slots which are spaced to fit all popular drill stand bases. Cross drilled handle with sliding T-bar for extra leverage.

Jaw Width	Maximum Opening	Jaw Height	O/all Dimensions Length x Height	Order Code **SEN-445**
75mm	55	23	200 x 45	**-0750K**
100mm	95	25	250 x 55	**-1000K**

INDEXA Quick Grip Drill Press Vices

Fixed Jaw
Quick acting cam can be set instantly to hold work. Fixed jaw with V-block to handle flat or round pieces, vertically or horizontally. Jaw inserts are hardened and ground. The heavy base can be clamped down to a milling machine or drill press.



Jaw Width	Jaw Height	Maximum Opening	Order Code **IND-445**
80mm	30mm	80mm	**-0170K**
100mm	35mm	100mm	**-0180K**

INDEXA Industrial Lathe Carriers

Available with straight tail. Manufactured from high grade, malleable cast iron with high tensile strength.
Smooth action square head clamping screw.

Straight

Type	Capacity	Weight each	Order Code **IND-445**
Straight	12.5mm	0.10kg	**-9000K**
	19.0mm	0.15kg	**-9010K**
	25.0mm	0.30kg	**-9020K**
	38.0mm	0.70kg	**-9040K**
	50.0mm	1.50kg	**-9060K**

ATLAS WORKHOLDERS Machine Vices

Machine Vices without Swivel Base
Manufactured in accordance with high quality criteria. Designed for general purpose milling, planing and drilling applications.

Machine Vices with Swivel Base Type
Also available complete with a swivel base designed for milling, planing and drilling applications.
Graduated to 1°.

Swivel Base Type

Jaws are fully ground in pairs

Jaw Width	Max. Opening	Jaw Height	O/all Dimensions L x W x H	Order Code **ATL-445**
Without Swivel Base				
100mm	80	35	245 x 115 x 89	**-0100K**
160mm	125	51	411 x 187 x 120	**-0150K**
200mm	160	63	440 x 220 x 140	**-0200K**
With Swivel Base				
100mm	80	35	195 x 145 x 110	**-1100K**
160mm	125	51	411 x 187 x 167	**-1150K**
200mm	160	63	440 x 220 x 187	**-1200K**

Spare Jaws to suit Atlas Machine Vices

Width	Order Code **ATL-445**
100mm	**-1040K**
160mm	**-1060K**
200mm	**-1080K**

ATLAS WORKHOLDERS Toolmaker's Vice - V-Groove Jaw

Made from alloy steel, case hardened. With a quick release mechanism.

Accuracy:
0.005mm.

Jaw Dimensions Width x Opening x Height	Overall Length	Order Code **ATL-445**
50 x 65 x 25mm	135	**-0310K**

ATLAS WORKHOLDERS Toolmaker's Vices

Manufactured from high carbon steel, precision ground on all faces. Phosphor bronze bush, 90° vee on clamping jaws.

Standard Precision Toolmaker's Vices
Squareness and parallelism to within **0.005mm**.

Jaw Dimensions Width x Opening x Height	Overall Length	Order Code **ATL-445**
63 x 85 x 32mm	185	**-2010K**
100 x 125 x 45mm	255	**-2050K**

KENNEDY PROFESSIONAL Steel Bench Vices

These premium quality bench vices are as good as you get, made from solid steel with replaceable jaws, integral pipe jaws and anvil for versatility.
Available in
100mm (4")
150mm (6")
200mm (8").

Model Number	Opening (mm)	Jaw Width (mm)	Weight each	Order Code KEN-445
VBS100	100 (4")	90 (3 9/16")	6.30kg	**-0500K**
VBS150	150 (6")	150 (6")	18.25kg	**-0540K**
VSB200	200 (8")	205 (8")	25.00kg	**-0300K**

KENNEDY QUALITY INDUSTRIAL TOOLING Workshop Vice - American Pattern

American pattern, bench mounting steel vice with anvil suitable for workshop, garage and machine-shop use. Fixed base directly mounts onto work bench. Cast iron body with steel jaws and a cross drilled threaded handle with adjustable T-bar for extra leverage.

Opening (mm)	Jaw Width (mm)	Weight each	Order Code KEN-445
127 (5")	100 (4")	12.3kg	**-2040K**
178 (7")	150 (6")	25.0kg	**-2060K**

Toolposts

See our range

Scan the QR code

SENATOR QUALITY TOOLING Portable Bench Vice

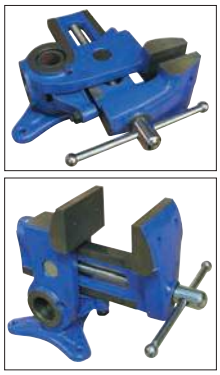
Lightweight and portable with a swivel base and light duty anvil. Ideal for model makers, DIY and light industrial use. Can be fitted to any convenient work surface. Solid cast grey iron body with steel guide rods and main screw.

Opening (mm)	Jaw Width	Weight each	Order Code SEN-445
70 (2 3/4")	60	2.8kg	**-0600K**

SENATOR QUALITY TOOLING 125mm (5") Universal Vice

Can be bench mounted either vertically or horizontally, and on either side. Unique design permits the vice to rotate a full 360° then self-lock when jaws are tightened.

Jaw height: 54mm (2 1/8").



Opening (mm)	Jaw Width	Jaw Height	Weight each	Order Code SEN-445
70 (5")	90 (3 1/2")	54 (2 1/8")	8.2kg	**-4050K**

SENATOR QUALITY TOOLING Light Duty Bench Vice

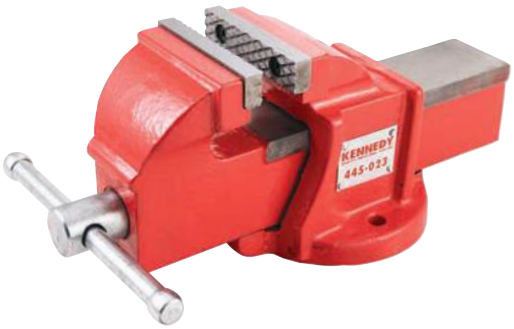
For light workshop, engineering and automotive use. Cast iron body with precision cut screw mechanism. The base bolts directly to the work bench surface for stability.

Opening (mm)	Jaw Width (mm)	Weight each	Order Code SEN-445
127 (5")	100 (4")	5.5kg	**-0510K**
170 (6 1/2")	125 (5")	11.3kg	**-0520K**
190 (7 1/2")	150 (6")	15.3kg	**-0530K**

KENNEDY Engineer's Vice

Manufactured from the highest quality castings with precision cut screw mechanisms and precision machined jaws. Suitable for workshop, automotive and engineering use.

Do Not Strike With A Hammer



Opening (mm)	Jaw Width (mm)	Weight each	Order Code KEN-445
100 (4")	75 (3")	4.50kg	**-0230K**
140 (5⅝")	100 (4")	9.50kg	**-0240K**
170 (6¾")	125 (5")	18.0kg	**-0250K**
190 (7⅝")	150 (6")	25.0kg	**-0260K**
210 (8¼")	200 (8")	40.0kg	**-0280K**

INDEXA Drill Press Vices

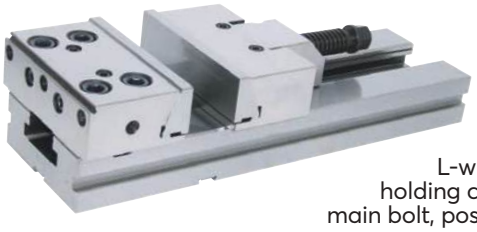
Available in four different jaw widths. For drilling, light milling, vertical and horizontal work.One grooved and one plain replaceable jaw for square and hexagonal shapes across flats or corners, thin strips and discs. Jaws and lead screw are hardened and ground.

Jaw Width	Jaw Opening	Order Code IND-445
85mm	70mm	**-0010K**
100mm	85mm	**-0020K**
120mm	120mm	**-0030K**
150mm	150mm	**-0040K**

INDEXA Modular Precision Machine Vices

Precision modular vices are designed to be used on standard and CNC machines for precision grinding and milling. The vice could be set up individually or work in multiples, on tables or palletised components depending on the machined material dimensions. Made from hardened high grade alloy steel.

Perpendicular accuracy: 0.005mm.
Parallelism: 0.005mm.



Accessories:
L-wrench, T-wrench, vice holding clamp, work stop with main bolt, positioning key-nuts etc.

Jaw Width x Opening x Height	Overall Length	Clamping Force	Weight each	Order Code IND-445
100 x 100 x 30mm	270mm	3000kg		**-0600K**
125 x 150 x 40mm	345mm	3000kg	12.70kg	**-0620K**
150 x 200 x 50mm	420mm	5000kg	25.60kg	**-0640K**
150 x 300 x 50mm	520mm	5000kg	29.50kg	**-0660K**

INDEXA Toolmaker's Vice - V-Groove Jaw

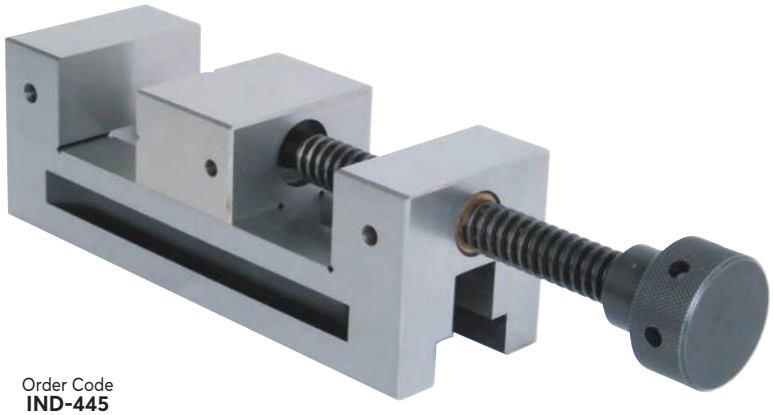
Manufactured from high quality alloy steel, case hardened to HRC 58 - 62. With a rack quick release mechanism.

Accuracy: 0.003mm.

Jaw Dimensions Width x Opening x Height	Overall Length	Weight each	Order Code IND-445
63 x 85 x 32mm	170mm	2.95kg	**-0330K**

INDEXA Precision Toolmaker's Vices

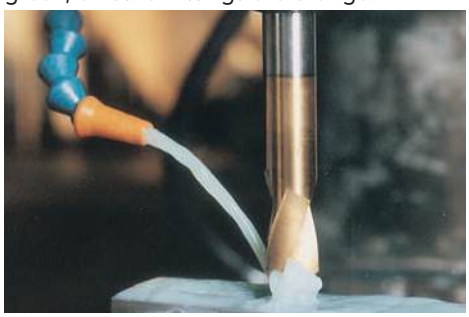
Squareness and parallelism to within **0.003mm**. Designed for precision grinding and many other tool room applications.



Jaw Dimensions Width x Opening x Height	Overall Length	Weight each	Order Code IND-445
50 x 65 x 25mm	-	-	**-0400K**
73 x 100 x 35mm	205	5.00kg	**-0430K**
100 x 125 x 45mm	255	13.00kg	**-0450K**

INDEXA™ Modular Coolant Hose System

Modular coolant hose system is ideal for coolants, fluids and air lines. Suitable for all wet machining, spark erosion and air line operations up to 50PSI air and 30PSI liquid. Flow direction is easily and accurately positioned with no spring-back. All parts are fully interchangeable and fully replaceable if a single section is damaged. Manufactured from acetal - non-conductive and chemical resistant. Available with ¼", ½" and ¾" bore. Hose is green, all other fittings are orange.



Starter Packs

Contents	Weight each	Order Code IND-447
¼" Bore		
12" Hose 4 Nozzles 2 Connectors	40g	-6910K
½" Bore		
13" Hose 3 Nozzles 2 Connectors	91g	-7910K
¾" Bore		
14" Hose 2 Nozzles 1 Connectors	126g	-8910K

Tube Segments

Bore Size	Weight each	Order Code IND-447
11" Lengths (Green)		
¼"	40g	-6210K
½"	69g	-7210K
¾"	102g	-8210K
25ft Bulk Pack (Green)		
¼"	886g	-6250K
½"	1637g	-7250K
¾"	2381g	-8250K

Modular Manifold Kits

4x T-Pieces, 2x Plug, 1x Bracket, 4x Screws

Bore Size	Weight each	Order Code IND-447
¼"	109g	-6450K

INDEXA™ Modular Coolant Hose System

Threaded Spigots

Male Spigot

Bore Size	Inlet Size	Weight each	Order Code IND-447
¼"	⅛" NPT Female	2g	-6710K
	¼" NPT Female	2g	-6730K
¼"	⅛" NPT Male	2g	-6170K
	¼" NPT Male	2g	-6190K
½"	⅜" NPT Male	7g	-7170K
	½" NPT Male	7g	-7190K
¾"	½" NPT Female	7g	-7730K
	¾" NPT Male	10g	-8170K

Nozzles

Type	Size	Weight each	Order Code IND-447
¼" Bore			
Pointed	1/16"	5g	-6610K
Pointed	⅛"	5g	-6630K
Pointed	3/16"	5g	-6640K
Pointed	¼"	5g	-6650K
Flare	1"	5g	-6670K
½" Bore			
Pointed	¼"	5g	-7610K
Pointed	⅜"	5g	-7630K
Pointed	½"	5g	-7650K
Flare	1¾"	5g	-7670K
Flare	2½"	5g	-7690K
¾" Bore			
Pointed	⅝"	10g	-8610K
Pointed	¾"	10g	-8630K
Flare	3"	10g	-8650K

Plastic Valves

¼ turn fitting.

Bore Size	Inlet Type	Weight each	Order Code IND-447
¼"	In-line	10g	-6050K
½"	In-line	30g	-7050K

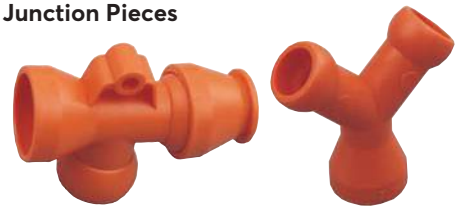
Metal Ball Valves

Threaded fitting ¼ turn.

NPT Threads Male x Female	Weight each	Order Code IND-447
⅛" x ⅛"	81g	-6070K
¼" x ¼"	80g	-6090K
⅜" x ⅜"	76g	-7070K
½" x ½"	114g	-7090K
¾" x ¾"	200g	-8070K

INDEXA™ Modular Coolant Hose System

Junction Pieces



L-Piece Y-Piece

Type	Weight each	Order Code IND-447
¼" Bore		
Y-Piece	3g	-6310K
T-Piece	3g	-6350K
L-Piece	4g	-6370K
½" Bore		
Y-Piece	9g	-7310K
T-Piece	9g	-7350K

Junction Reducers

Type	Weight each	Order Code IND-447
½" Bore		
½" to ¼"	3g	-7510K
¾" Bore		
¾" to ½"	5g	-8510K

INDEXA™ Quick Set Machine

Shields

14" (¾" bore) hose length. Suitable for small machine tools. Fully adjustable with magnetic base.

Visor Size	Weight each	Order Code IND-447
Shield (complete)		
6" x 8"	500g	-0250K
7½" x 10"	570g	-0260K

INDEXA™ Quick Action Assembly

Pliers

Bore Size	Order Code IND-447
¼"	-0010K
½"	-0020K

REVOLVING & SOLID CENTRES

Morse Taper Tooling
Drill Sleeves

Taper Inside x Outside	Length (mm)	Order Code KEN-482
1 x 2 MT	95	-2120K
1 x 3 MT	97	-2130K
1 x 4 MT	120	-2140K
1 x 5 MT	152	-2150K
2 x 3 MT	110	-2230K
2 x 4 MT	123	-2240K
2 x 5 MT	155	-2250K
3 x 4 MT	140	-2340K
3 x 5 MT	155	-2350K
4 x 5 MT	170	-2450K
4 x 6 MT	215	-2460K
5 x 6 MT	225	-2560K

Drill Drifts

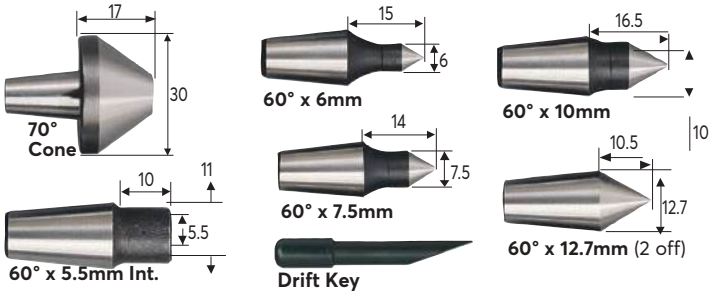
To release Morse Taper Tooling without damaging machine socket or tools.

To Release Morse Taper	Order Code KEN-482
0	-9500K
1 & 2	-9520K
3	-9530K
3 & 5	-9540K
5 & 6	-9560K

Standard Duty Interchangeable Revolving Centre Sets

Manufactured from high alloy steel, precision ground internally and externally with pre-lubricated bearings. A versatile revolving centre with interchangeable points for a wide variety of applications. Ideal for toolroom or manufacture of small turned components. Points fit into body by means of a taper and are removed by use of the drift key supplied. All mating surfaces are precision ground and the set is supplied in a varnished wooden storage box.

Morse Taper	Axial Load at 100rpm	Radial Load at 100rpm	Max rpm	Max Runout
No. 2	200Kgf	100Kgf	4000	0.005mm
No. 3	400Kgf	200Kgf	3000	0.005mm



Morse Taper	Length (mm)	Diameter (mm)	Order Code KEN-488
No.2	124	33	-1320K
No.3	152	42	-1330K

Standard Duty Revolving Centres

Manufactured from high alloy steel hardened and tempered then precision ground externally. Precision bearings are fitted as standard and the centres have a 60° point. Mounting Tapers are accurate to **DIN228** Form A, Tolerance Class AT5.

Maximum runout:
No.1 to 4 taper: 0.005mm.
No.5 to 6 taper: 0.010mm.

Morse Taper	Max rpm	Radial Load (rpm) @100 (kgf)	Radial Load (rpm) @max (kgf)	Axial Load(rpm) @100 (kgf)	Axial Load(rpm) @3000 (kgf)	Order Code KEN-488
No.1	7000	80	32	250	50	-1010K
No.2	7000	200	55	275	60	-1020K
No.3	6000	300	70	400	70	-1030K
No.4	5000	600	75	500	125	-1040K
No.5	4000	800	280	570	230	-1050K

Industrial Solid Centres

Manufactured from high quality tool steel, hardened and ground with 60° point and spanner flats as standard. Mounting Tapers are accurate to **DIN228** Form A, Tolerance Class AT5.

Morse Taper	Diameter (mm)	Across Flats	Length (mm)	Order Code KEN-487
No.1	12.20	10	78	-1010K
No.2	18.00	13	90	-1020K
No.3	24.10	19	138	-1030K
No.4	31.60	24	138	-1040K

Drill Sleeve & Drift Set

Set of three drill sleeves 1 - 2, 2 - 3, 3 - 4 MT. Fully hardened and ground inside and out. Two drill drifts to release 1 - 2 and 3 - 4 MT.

No. of Pieces	Order Code KEN-482
5	-9900K

Standard Duty Revolving Centres

Manufactured from high alloy steel hardened and tempered then precision ground externally. Precision bearings are fitted as standard and the centres have a 60° point.
Maximum runout: 0.005mm.

Morse Taper	Max rpm	Radial Load (rpm) @100 (kgf)	Radial Load (rpm) @max (kgf)	Axial Load(rpm) @100 (kgf)	Axial Load(rpm) @3000 (kgf)	Order Code ATL-488
No.2	7000	200	50	250	50	-1020K
No.3	6000	300	80	380	90	-1030K
No.4	5000	800	220	900	270	-1040K

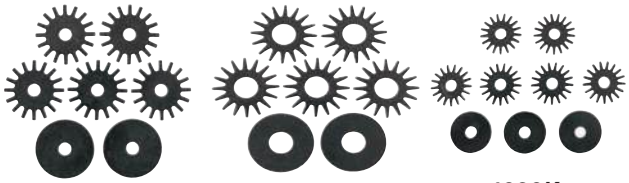
Revolving Centre Heavy Duty

- Made from high alloy steel, heat-treated and precision ground
- Heavy-duty precision taper roller and thrust bearings support radial and axial loads
- Designed for heavy load and high production applications
- Maximum runout of 0.005mm for No.2 to 5 taper

Morse Taper	Max rpm	Radial Load (rpm) @100 (kgf)	Radial Load (rpm) @max (kgf)	Axial Load(rpm) @100 (kgf)	Axial Load(rpm) @3000 (kgf)	Order Code SHR-488
2MT	4000	85	20	350	100	-6722K
3MT	3500	175	50	700	200	-6723K
4MT	3000	350	125	700	200	-6724K
5MT	2500	800	350	1200	500(1)	-6725K

KENNEDY QUALITY INDUSTRIAL TOOLING Huntington Type Wheel Dressers

- With improved quick release cutter wheel design which reduces down-time when changing wheels
- Ergonomically designed cast iron handle and case hardened, polished cutters
- Suitable for cleaning, sharpening and truing grinding wheels



-1000K -1010K -1020K

Wheel Dressers			wheel Sets
Type	For Wheel Diameter	Order Code KEN-495	Order Code KEN-495
No.0	Up to 510mm (20")	-0100K	-1000K
No.1	Up to 760mm (30")	-0110K	-1010K
No.2	Over 760mm (30")	-0120K	-1020K

Replacement Parts

Description	Order Code KEN-495
Side Bush for Type No.0	-2000K
Cutter Bush for Type No.1	-2010K
Cutter Bush for Type No.2	-2020K
Spare Spindle for Type No.0	-3000K
Spare Spindle for Type No.1	-3010K
Spare Spindle for Type No.2	-3020K
Side Washer for Type No.1	-4010K
Side Washer for Type No.2	-4020K

KENNEDY QUALITY INDUSTRIAL TOOLING Diamond Point Wheel Dressing Tools

Single-Point Tools

- For general use
- The diamond point can be reset when it 'flats', giving extended tool life
- ½" x 6" holder size

Diamond Size, Carat	For use on Wheel	Order Code KEN-496
0.50	180mm (7")	-0050K
0.75	255mm (10")	-0070K
1.00	355mm (14")	-0100K
1.50	460mm (18")	-0150K
2.00	600mm (24")	-0200K

SENATOR QUALITY TOOLING Diamond Dressers

- For truing and dressing grinding wheels which accurate and precise relative motion between the grinding wheel and the part being ground
- These tools are mainly used to true straight-faced wheels

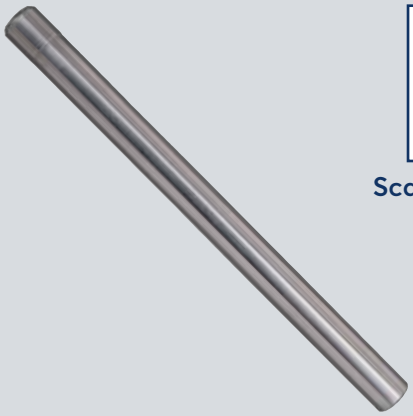
3 Piece Set
For medium duty use. ½" dia. x 6" **(-9100K)**.

Wheel Size (mm)	Carat Size	Order Code SEN-496
Up to 150	0.25	-0250K
Up to 180	0.50	-0500K
Up to 250	0.75	-0750K
Up to 350	1.00	-1000K
Up to 500	1.50	-1500K
Up to 600	2.00	-2000K
3 Piece Set 0.5, 0.75 & 1 Carat Set		-9100K

Diamond Wheel Dressing Tools - Chisel Point

Scan the QR code

Diamond Wheel Dressing Tools - Multi-Point



Scan the QR code

Hand Tools

Keeping Industry Working™

Product Groups
501 - 603

Contents

Description	Group	Page
Adjustable Wrenches	501	**212 - 213, 400**
Agricultural Tools	525	**285**
Automotive - Battery & Electrical System Tools	503/615	**233**
- Body Repair	503	**214 - 216**
- Braking System Tools	503	**234 - 236**
- Compression Testers	503	**217**
- Cylinder, Piston & Valve Tools	503	**218 - 219**
- Inspection	503	**221**
- Jacks & Stands	503	**222 - 225**
- Nut Splitters	503	**225**
- Oil Filter & Sump Tools	503	**226**
- Piston & Valve Tools	503	**220**
- Pullers & Separators	503	**227 - 230**
- Special Tools	503	**237 - 238**
- Roadside Assistance	503	**231**
- Timing Tools	503	**217**
- Tyre Care	503	**232**
Axes	525	**285**
Basin Wrenches	588	**465**
Bolt & Cable Cutters	592	**469**
Box Spanners	581	**402**
Brick Tools	512	**246**
Cable Ties	515	**251**
Cable & Wire Stripping Tools	516	**252 - 253, 337, 362**
Chain Separators	588	**457**
Chain & Strap Wrenches	588	**447**
Clamps	539	**340 - 342, 368**
Cold Chisels, Pry Bars, Utility Bars	505	**239 - 242**
Contractor's Tools	522	**276 - 280**
Crimping Tools	515	**248 - 250**
Decorating Tools	533	**302 - 311**
Drainage Equipment	588	**458**
Drawer Cabinets	593	**470**
Electrical Terminals	515	**247 - 248**
Electrical Testing Equipment	516	**257**
Engineer's Hand Tools	518	**258 - 271**
File Handles	531	**301**
Fluid Handling	540	**343 - 346**
Garden Tools	522	**272 - 275**
Grease Nipples	541	**349**
Hammer Shafts	530	**300**
Hammers	525	**286 - 296**
- Inserted Face	527	**297 - 298**
Hexagon - Keys	601	**511 - 512**
- Ball Drivers	602	**513 - 515**
Impact Sockets - 1/4" Square Drive	583	**448**
- 3/8" Square Drive	583	**448 - 449**
- 1/2" Square Drive	583	**450 - 452**
- 3/4" Square Drive	583	**453 - 454**
- 1" & 1 1/2" Square Drive	583	**456**
Insulated Service Tools	534	**314 - 323**
Knives	537	**326 - 336**
Lubrication Equipment	540	**347 - 348**
Magnetic Tooling	553	**351 - 353**
Multimeters	516	**256**

Description	Group	Page
Nut Spinners	556	**355**
Paint Brushes & Rollers	533	**305, 308 - 310**
Pipe - Benders	588	**459**
- Cutters	588	**460 - 461**
- Flaring Tools	588	**462**
- Threaders	588	**463**
- Vices	588	**463**
- Wrenches	588	**464 - 465**
Plastering Tools	512	**245**
Pliers & Grips	558	**359 - 361, 363 - 366, 371 - 376**
Punches & Stamps	560	**377 - 378**
Ratchet Spanners	582	**402, 407, 409 - 410**
Riveting Tools	569	**380 - 381**
Roller Cabinets & Tool Chests	594	**483 - 489**
Roller Cabinet Accessories	594	**490 - 491**
Roller Stands	588	**466**
Safety Tools	575	**394 - 400**
Saw Frames	538	**338 - 339**
Scaffolding Tools	580	**402**
Scissors	533	**312 - 313**
Screwdriver Bits	573	**392 - 393**
Screwdrivers	572	**382 - 391**
Service Cases	593	**471**
Service Keys & Lifters	588	**464**
Shears & Snips	591	**467 - 468**
Sockets & Accessories - 1/4" Square Drive	582	**417 - 419**
- 3/8" Square Drive	582	**420 - 422**
- 1/2" Square Drive	582	**423 - 429**
- 3/4" Square Drive	582	**430**
- 1" Square Drive	582	**431**
Sockets & Accessories - Clips, Rails & Trays	582	**432**
Socket Sets - 1/4" Square Drive	582	**434 - 435**
- 3/8" Square Drive	582	**436 - 438**
- 1/2" Square Drive	582	**440 - 443**
- 3/4" Square Drive	582	**444 - 445**
- 1" Square Drive	582	**445**
Sockets & Socket Sets - Ken-Grip®	582	**433, 439**
Soldering Tools	516	**254 - 255**
Spanners - Combination	582	**404 - 408, 446**
- Ring	582	**409 - 410, 414 - 415, 446**
- Open Ended	582	**411 - 412**
- Miniature/Spanner End Fittings	582	**413**
Spigot End Fittings	581	**403**
Spirit Levels	510	**243 - 244**
Stencils	561	**379**
Tape Measures	536	**324 - 325**
Tap Wrenches	518	**268**
Tool - Bags	593	**475 - 476**
- Boxes	593	**479 - 482**
- Cases	593	**477 - 478**
- Control	595	**492 - 496**
- Kits	595	**497 - 502**
- Pouches	593	**472 - 473**
- Rolls	593	**474**
Torque Tools	555	**354 - 357**
TX Keys	603	**516**
Vice Grips	589	**466**
Voltage Detectors	516	**257**
Water & Garden Accessories	523	**281 - 284**
Woodworking Tools	597	**505 - 510**
Workshop Spanners	580	**401**
Wrenches	558/582	**366 - 367, 446 - 447**

ADJUSTABLE WRENCHES

KENNEDY PROFESSIONAL Cushion Grip Adjustable Wrenches

Drop forged chrome vanadium steel with phosphate anti-corrosion finish. Hardened parallel opening jaws are ground and polished, laser etched with metric graduations . The wide grooved profile of the opening mechanism and coarsely knurled adjusting screw ensures smooth adjustment. Slim head profile allows easy access, the contoured jaws improve grip when used on damaged misshaped fasteners. Cushion grip improves comfort and is resistant to oil and grease.
Conforms to: **BS 6333-1995, DIN3117-1988**.

Length (mm)	Jaw Opening (mm)	Fastener Range	Order Code KEN-501
150 (6")	23.9mm	M2-M14 (1/8" - 9/16")	**-3060K**
200 (8")	28.6mm	M4-M18 (3/16" - 5/8")	**-3080K**
250 (10")	32.8mm	M6-M20 (1/4" - 3/4")	**-3100K**
300 (12")	38.1mm	M8-M24 (5/16" - 1")	**-3120K**

Twin Pack

Contents	Weight each	Order Code KEN-501
200 & 300mm	800g	**-0640K**

SENATOR QUALITY TOOLING Chromed Drop Forged Adjustable Wrenches

Tapered jaws for improved access into confined spaces. Smooth jaw adjustment. Graduated laser etched jaw for fast jaw setting. Manufactured from chromed drop forged steel.

Length (mm)	Order Code SEN-501
150 (6")	**-4360K**
200 (8")	**-4380K**
250 (10")	**-4400K**
300 (12")	**-4420K**
778 (30")	**-4600K**

Set

Number of Pieces	Contents	Order Code SEN-501
2	6"/10"	**-4750K**

KENNEDY QUALITY INDUSTRIAL TOOLING Extra Wide Jaw Adjustable Wrench

Drop forged chrome vanadium steel. Rubber comfort grip handle. Ultra thin head designed for use in confined spaces. Graduated millimetre scale. More than 50% wider jaw compared to conventional adjustable wrenches. Conforms to: **ISO 6787-1982, ASME B.107.8M-1996, BS 6333-1995, DIN3117-1988, JIS B4604-1976**.

Length (mm)	Jaw Opening (mm)	Order Code KEN-501
150 (6")	0-34	**-5060K**
200 (8")	0-38	**-5080K**
250 (10")	0-50	**-5100K**
300 (12")	0-60	**-5120K**

Set

Number of Pieces	Contents	Order Code KEN-501
2	150 x 250mm	**-5200K**

KENNEDY QUALITY INDUSTRIAL TOOLING Combi Grip Adjustable Wrenches

A quick release reversible lower jaw with a serrated side and extra hard teeth for pipe gripping, a strong handle and a phosphated corrosion resistant finish. The smooth adjusting action makes them fast and easy to use.
Conform to: **ISO 6787-1982, ASME B.107. 8M-1996, BS 6333-1995,**

DIN 3117-1988, JIS B4604-1976.

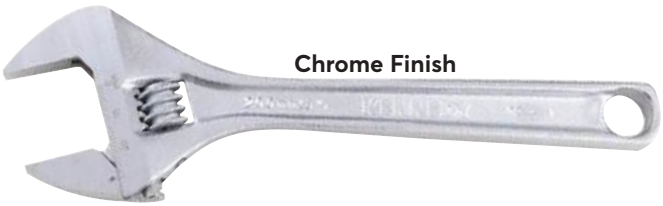
Length (mm)	Jaw Opening (mm)	Order Code KEN-501
250 (10")	30.0	**-4100K**
300 (12")	35.0	**-4120K**

KENNEDY QUALITY INDUSTRIAL TOOLING Adjustable Wrenches

Manufactured from high strength 'I' beam section chrome or phosphate vanadium steel for improved strength and rigidity, the jaws are heat treated for extended tool life. High polished corrosion-resistant finish. 15° offset head angle for positive torque control. Slimline tapered jaws for improved access into confined spaces. Parallel jaws with smooth jaw adjustment and self-locking design prevents the jaws opening unintentionally even when under full load.
Conforms to: **BS 6333-1995, DIN3117-1988**.

Tapered Jaw For Access Into Tight Spaces.

Phosphate Finish



Chrome Finish

Phosphate Finish

Length (mm)	Jaw Opening (mm)	Torque (kg/cm)	Weight each	Order Code KEN-501
100 (4")	17 (21/32")	714	60g	**-0040K**
150 (6")	24 (1")	1670	140g	**-0060K**
200 (8")	28 (13/32")	3100	260g	**-0080K**
250 (10")	33 (15/16")	5190	400g	**-0100K**
300 (12")	38 (1 3/8")	8820	650g	**-0120K**
375 (15")	50 (2")	17295	1040g	**-0150K**
450 (18")	60 (2 3/8")	23060	1670g	**-0180K**
600 (24")	70 (2 3/4")	25000	3300g	**-0240K**

Chrome Finish

Length (mm)	Jaw Opening (mm)	Torque kg/cm	Weight each	Order Code KEN-501
100 (4")	17 (21/32")	714	60g	**-1040K**
150 (6")	24 (1")	1670	140g	**-1060K**
200 (8")	28 (13/32")	3100	260g	**-1080K**
250 (10")	33 (15/16")	5190	400g	**-1100K**
300 (12")	38 (1 3/8")	8820	650g	**-1120K**
375 (15")	50 (2")	17295	1040g	**-1150K**
450 (18")	60 (2 3/8")	23060	1670g	**-1180K**

YAMOTO Chrome Vanadium Adjustable Wrench

Made of chrome vanadium with a corrosion-resistant satin finish, the Yamoto adjustable wrench delivers robust, hard wearing performance. It features a graduate laser etched jaw for fast jaw setting and is available in a range of sizes from 4"/100mm to 24"/612mm.

Length (mm)	Jaw Opening (mm)	Order Code YMT-501
100 (4")	15	**-3040K**
150 (6")	20	**-3060K**
200 (8")	25	**-3080K**
250 (10")	30	**-3100K**
300 (12")	35	**-3120K**
375 (15")	44	**-3150K**
457 (18")	50	**-3180K**
612 (24")	60	**-3240K**

Up to 20% greater jaw capacity than conventional adjustable wrenches

M24

Conventional 375mm Wrench
Jaw capacity 40mm.

M27

Kennedy® 375mm Wrench
Jaw capacity 50mm.

Phosphate Finish Sets

3 PIECES

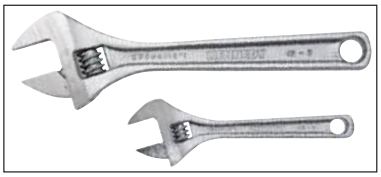
2 PIECES

Number of Pieces	Contents	Weight each	Order Code KEN-501
3	100, 200 & 300mm	1100g	**-0600K**
2	150 & 250mm	540g	**-0620K**

Chrome Finish Sets

3 PIECES

2 PIECES



Number of Pieces	Contents	Weight each	Order Code KEN-501
3	100, 200 & 300mm	1100g	**-1600K**
2	150 & 250mm	540g	**-1560K**

Sets

Number of Pieces	Contents	Order Code YMT-501
2	150 & 250mm	**-3400K**
2	200 & 300mm	**-3500K**

7-Piece Panel Beating Set

Supplied in a high quality fitted blow moulded impact resistant case. Drop forged, high carbon steel hammers with ground heads and cheeks. Hickory, octagonal section shafts. 1x: curved, utility, heel and toe dolly. 1x: 12oz shrinking hammer and flat faced bumping hammer, 1x 10oz round finishing pick.

7 PIECES

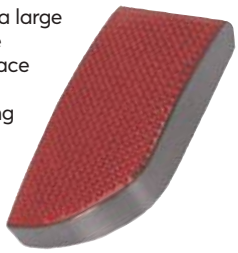
Weight each	Order Code KEN-503
7.40kg	-7650K

Panel Beating Dollies

Manufactured from drop forged medium carbon steel (SAE/AISI 1055). Heat-treated with a polished mirror finish.

Grid Dolly

For shrinking work. With a large crowned grid face on the surface and a plain flat face on the base this dolly, combined with a shrinking hammer and the use of heat, provides quick and effective shrinking.



Length (mm)	Weight per 6	Order Code KEN-503
120	7.10kg	-7500K

Utility Dolly

Double-sided multi-purpose. Use the edge most suited to the size and shape of a damaged flange.

Length (mm)	Weight per 6	Order Code KEN-503
64	7.50kg	-7540K

Curved Dolly

For raising low spots on panels. The edge can also be used to restore the shape of a roof and reform beads.

Length (mm)	Weight per 6	Order Code KEN-503
132	5.80kg	-7580K

Double-End Hand Dolly

For reshaping crowned panels and general panel beating.

Length (mm)	Weight per 6	Order Code KEN-503
75	6.90kg	-7520K

Toe Dolly (Low Crown Dolly)

For reshaping. Can be used in the hand to deliver a series of blows to the underside of the panel. Long crown enables use in hard to reach areas.

Length (mm)	Weight per 6	Order Code KEN-503
120	8.50kg	-7560K

Heel Dolly

For general reshaping of contoured panels, raising low spots and general panel beating.

Length (mm)	Weight per 6	Order Code KEN-503
81	5.80kg	-7600K

Trim Pin Remover

Designed for removing vehicle trim panels and upholstery. Also used for replacing door locks, window mechanisms and general bodywork repairs.

Overall Length	Weight each	Order Code KEN-503
230mm	155g	-1500K

Trim & Upholstery Tool Set

Set of angled lever tools designed for the easy removal of vehicle trim fasteners, mouldings and wheel hubs. Manufactured from plastic to avoid marking and scratching metal, wood or upholstery material.

Order Code KEN-503
-1510K

5 PIECES

Hydraulic Body Repair Kits

Porta Power with Ram & Spreader

Used for clamping, pulling, bending, straightening, spreading and lifting operations. Snaps together. Heavy-duty hand pump has automatic overload feature. Tough, blow moulded case. Strong flexible hose with spring guards at both ends. 10,000PSI hydraulic hand pump, ½ Tonne ram and spreader.

Kit Size	Stroke Length	Order Code KEN-503
4 Tonne	100mm	-7240K
10 Tonne	150mm	-7260K

Single Speed Hydraulic Hand Pumps

Rugged construction with an internal overload valve, a pressure rating of 10,000psi (700bar) and a ¼ NPT thread size. Operates in a vertical and horizontal position.

Model Number	Pressure Rating PSI (Bar)	Usable Oil Capacity	Oil Volume Per Stroke	Oil Port Thread	Length (mm)
HPS035	10,000 (700)	350cc	3.2cc	¼ NPT	292
HPS060	10,000 (700)	600cc	3.2cc	¼ NPT	478

Weight each	Order Code KEN-503
5.70kg	-8800K
7.10kg	-8820K

Twin Speed HydraulicHand Pumps

Rugged construction. Internal overload valve.
Operates in a vertical and horizontal position. Pump handle locks into place to be used as a carrying handle.

Model Number	Pressure Rating PSI (Bar) Stage 1	Pressure Rating PSI (Bar) Stage 2	Usable Oil Capacity	Oil Volume Per Stroke Stage 1	Oil Volume Per Stroke Stage 2	Oil Port Thread	Length (mm)
HPS060	200 (13.8)	10,000 (700)	350cc	7.0cc	1.0cc	⅜ NPT	310
HPS035	200 (13.8)	10,000 (700)	600cc	13.0cc	2.8cc	⅜ NPT	528

Weight each	Order Code KEN-503
5.30kg	-8900K
8.00kg	-8940K

Spares

Description	Order Code KEN-567
Connection Hose (1500mm x ⅜" x ¼" NPT)	-8140K

Dent Puller Set

For repairing dents in body panels. Supplied complete with self tapping pull screw for use where access to the rear of the panel is blocked by reinforcements or other parts, a range of steel hooks and pull curls for pulling the edges of panels and a chain and hook.
The long hammer shaft allows the pulling/striking force to be precisely controlled.

Contents: (1x)
hammer (10lbs cast iron), 22.5Ø x 500 and 22.5Ø x 200mm pipes, 2 hole pipes, 6 x 170, 6 x 120, 6 x 200 and 3mm x 100mm plates, chain and hook, hex nut and blow moulded storage case.

9 PIECES

Product Number	Weight each	Order Code KEN-503
DP9	9.00kg	-3460K

Hydraulic Push Rams

Rugged construction with a heavy-duty return spring. Chrome plated piston inhibits rusting. ¼ NPT thread size. Accessories easily snap on.

Model Number	Capacity (Tonne)	Stroke (mm)	Oil Cap (cc)	Cylinder Bore dia.	Length Ret.	Length Ext.	Outside dia. Piston	Outside dia. Ram	Oil Port Thread
HRP010	10	150	243	45.0mm	325	475	33	57	¼ NPT

Weight each	Order Code KEN-503
5.30kg	-7190K

3 Piece Panel Seam Splitter Set

Ideal for separating spot-welded panels during repairs.
Stainless steel coated chrome vanadium with through tang shafts allow use with hammers. Dual material soft grip handles for comfort and control. Includes 90°, curved and straight seam splitters. Cushioned handle absorbs any shock from hammer blows. Made from super tough alloy steel.

3 PIECES

Weight each	Order Code KEN-503
94g	-7710K

Lever Operated Vacuums

For use in hand lift applications only. Multiple vacuums used on a single load can only improve handling. If using more than one vacuum tool the ratio of maximum lift capacity does not increase. To lift heavier weights a larger vacuum must be used. All are fitted with a rubber suction cap which will not damage contact surface during the lifting action. For use on glass and plastic or any smooth surface material and can also be used for pulling out dents.

Single (-2620K)
Double (-2640K)
Triple (-2660K)

Cups	Max Lift	Order Code KEN-503
1x100mm	45kg	-2620K
2x120mm	70kg	-2640K
3x120mm	110kg	-2660K

Windscreen Wiper Arm Removal Tool

Windscreen wiper arm removal tool for removing stuck and stubborn taper fitting wiper arms.

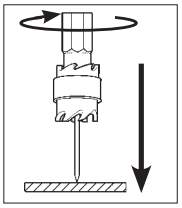
Maximum opening: 27mm.
Collar size: 15mm.

Order Code KEN-503
-1570K

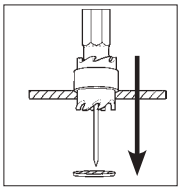
Spot Weld Remover

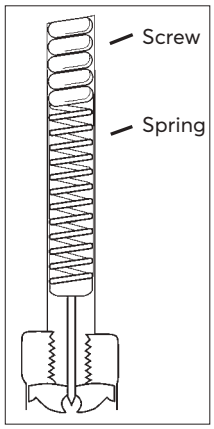
Suitable for cutting holes in steel metal, steel, plastic and brass. The hardened steel cutter is reversible increasing tool life. Adjusting the spring loaded centre point screw accurately controls the depth of cut allowing the top to be removed whilst leaving the lower panel in place.

Spring loaded centre point guides cutter crown onto spot weld.



Cutting depth by screw permits top panel to be removed leaving the lower panel.





Fine adjustment of cutting depth by screw.

Capacity	Shank	Maximum Rated Operating Speed	Weight each	Order Code KEN-503
10mm	6.5mm	900rpm	30g	-1200K

Universal Trim Pad Remover

For removing plastic interior trim retaining studs. Corrosion-resistant.

Size (mm) (W x H x D)	Weight each	Order Code KEN-503
84 x 259 x 30	135g	-2800K

Filler Applicators

100mm wide plastic spreader, suitable for the application of auto body filler.

5 PIECES

Size	Order Code KEN-503
100mm (4")	-2820K

Pneumatic Brake & Clutch Bleeder

PBB100

- 1ltr container with 1/4" NPT connection
- Operates from 90 - 145psi (6 - 10bar) air pressure
- Air consumption rate: 180ltr/min
- Extraction rate: 1.6ltr/min
- Vacuum (max): 550mm HG
- Handles non-flammable liquids between 0 and 80°C

Weight	Order Code KEN-503
470g	-1920K

Automotive Curved Hook Tools

Curved hook tools are for inserting and removing rubber seals and gaskets. They feature a long shaft and curved head for smooth operation in both directions. Manufactured from hardened and tempered chrome vanadium steel with a comfort grip.

Overall Length	Weight each	Order Code KEN-503
230mm	120g	-8760K
295mm	150g	-8770K

Hydraulic Pull Back Ram

HRP005

Rugged construction with a heavy duty return spring. For use with Porta Power/Body Dozer power units.

- Shaft is chrome plated
- 5-Tonne pulling capacity
- Cylinder bore diameter: 34mm
- Stroke length: 150mm/6"
- Oil port thread: 1/4 NPT
- Length: 740mm
- Weight: 6.7kg

Order Code KEN-503
-7180K

Pressure Tester

Cooling System & Radiator Cap Pressure Tester
Designed for the pressure testing of cooling systems and radiator caps up to 35psi (2.5bar). Suitable for use on most makes of car and commercial vehicles, including: Mercedes, Ford, Chrysler, Peugeot, Honda, Lexus, Mazda, Suzuki, Toyota, Nissan, Opel, Volkswagen, Saab, Volvo, Audi, Citroen, Fiat and BMW.

Contents:
14 radiator pressure testing caps, for use in testing cooling systems for leaks.
Two cap adaptors, sizes 2 - 3 and 4 - 5, for testing radiator cap release pressure and seal condition.
Two 200psi coolant hoses (5/16" and 3/8"), for use with T-adaptor for in-line pressure testing.
T-adaptor for creating in-line pressure testing set-up.
Two 3/4" hose clips.

22 PIECES

No. Pieces	Order Code KEN-503
22	-0960K

Compression Tester

Suitable for all types of spark plugs. Finds faults in piston rings, valves, head gaskets and cylinder bores. Suitable for use on most petrol engine vehicles and motorcycles. Can be used on crankshaft seals in two-stroke engines. 195mm flexible hose. For use on 14mm and 18mm threads. Large easy to read scale 0 - 21bar/0 - 300psi. Air release valve to allow rapid re-testing.

Weight each	Order Code KEN-503
440g	-1160K

Advance Timing Light

For checking and setting ignition timing on automotive, agricultural and marine engines. Measures ignition spark advance from 0 - 60°. For use on 12V systems. Reverse polarity protected. Accurate to 8,000rpm. 1m long removable coiled power leads. Impact resistant metal case and rubber nose cone. On/off trigger switch. Bright linear Xenon flash tube for daylight use. Focused lens provides a concentrated light. Easy to apply inductive impulse pick-up. Built in check light.

Advance dial

Order Code KEN-503
-5320K

KENNEDY QUALITY INDUSTRIAL TOOLING Floor Standing Workshop Press

Ideal for pressing, bending and extruding. The Hydraulic pump can be manually operated or by compressed air connecting the airline supplied to an air supply line or direct to a compressor providing at least 8 - 9.5bar at 4cfm. Hydraulic gauge is included. Ideal for industrial and automotive applications.

20 Tonnes
Sturdy steel frame with end braces and wide feet for extra stability. Work bed height is adjustable in 8 increments of 120mm, allowing large work pieces to be worked on with maximum flexibility.

Capacity: 20 tonnes.
Overall Height: 1800mm.
Overall Width: 770mm.
Base Size: 750 x 700mm.
Weight: 76kg.

30 Tonnes
Heavy duty steel frame with end braces and wide feet for maximum stability. Work bed height is fully adjustable in 8 increments of 140mm, giving increased flexibility when working with large work pieces.

Capacity: 30 tonnes.
Overall Height: 1835mm.
Overall Width: 770mm.
Base Size: 750 x 700mm.
Weight: 105kg.

-9480K

-9490K

Capacity	Work Bed Adjustable Height	Order Code KEN-503
20 Tonne	120mm	**-9480K**
30 Tonne	140mm	**-9490K**

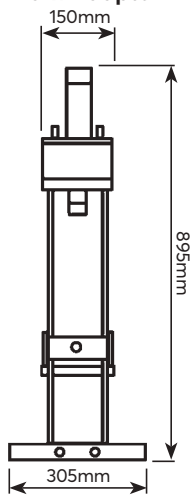
KENNEDY QUALITY INDUSTRIAL TOOLING Hydraulic Bench Press

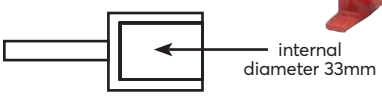
Ideal for pressing, bending and extruding. Built for tough daily use in industrial and automotive workshops, manufactured welded steel frame with two end braces for stability and a fully adjustable work bed providing flexibility and convenience. Fitted with a detachable pump and ram allowing hydraulics to be used for other purposes when the press is not being used. Hydraulic gauge is included.
Capacity: 10 tonnes.
These hydraulic presses are ideal for assembly, straightening, fabrication, quality control, maintenance, product testing, bending, forming, punching and shearing.

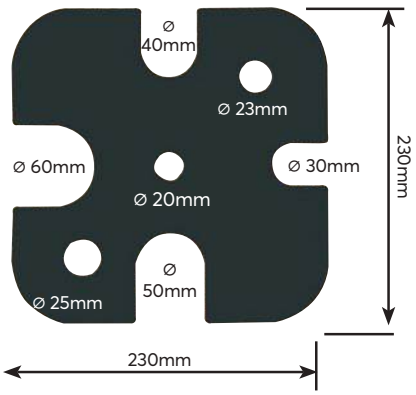
Capacity. . . . . 10 Tonne.
Ram stroke. . . . . 150mm.
Extension screw . . . . . 60mm.
Max height of ram to table . 300mm.
Min height of ram to table. . 90mm.
Table aperture . . . . . 140mm.
Working table width . . . . . 360mm.
Overall height. . . . . 895mm.

1 tonne (metric ton or t) = 1000kg
1 ton (imperial ton) = 2240lbs (1016kg)

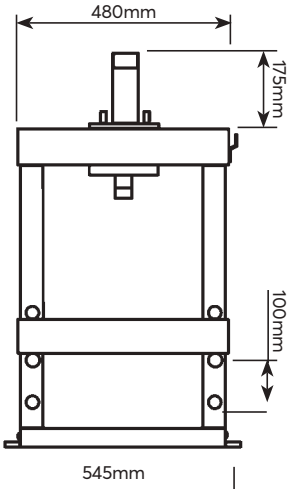
Ram Adaptor







Ram Adaptor



Spare pump available - **(KEN503-8820K)**, see page **215**

Weight each	Order Code KEN-985
47kg	**-5000K**

Accessories

Description	Order Code KEN-503
Hydraulic Ram	**-1530K**
Arbor Plate	**-7290K**

KENNEDY QUALITY INDUSTRIAL TOOLING Cylinder Hone Set

Four different honing tools in one set suitable for honing/deglazing car brake and clutch cylinders, motorcycle, lawnmower, outboard motor engine cylinders, small bore car engine cylinders with capacities between 18 - 89mm. Self-aligning flexible shaft and leg assembly for smooth operation at all speeds and easy alignment. Honing diameter and pressure is adjusted via a simple, spring and cone mechanism. Suitable for use with a variable speed electric or air drill and fits into all three jaw chucks. Supplied in a plastic blow-moulded case.

Overall length: 200mm.

Set Contents: main honing body, twin leg set - 50mm, triple leg set - 50mm, triple leg set - 60mm; three sets of medium stones: 19 x 4.5mm (x3 off), 29 x 4.5mm (x5 off) and 51 x 7.0mm (x3 off).

Twin Leg 18 - 64mm For small brake cylinders 50mm twin leg set and 2x 29mm stones. (NB Ready assembled in kit)

Triple Leg 19 - 68mm For large brake/clutch cylinders. Use medium collar, 50mm triple leg set and 3x 29mm stones.

Triple Leg 32 - 89mm For disc brake cylinders. Use large spring, 60mm triple leg set and 3x 19mm stones.

Triple Leg 32 - 89mm For small engine cylinders. Use large spring, 60mm triple leg set and 3x 51mm stones.

Replacement Stone Sets - 3 Piece, Medium

L x W (mm)	Weight each	Order Code KEN-503
19 x 4.5	83g	-2990K
29 x 4.5	89g	-2980K
51 x 7.0	99g	-3000K

Type	Weight each	Order Code KEN-503
4-in-1	248g	-2930K

KENNEDY QUALITY INDUSTRIAL TOOLING Cylinder Hone

For honing of brake cylinders and piston bores with capacities between 19 - 68mm. Self aligning flexible shaft and leg assembly for smooth operation at all speeds. Honing diameter and pressure is adjusted via a simple, spring and cone mechanism. Suitable for use with a variable speed electric or air drill and fits into all 3 jaw chucks. Supplied complete with a medium grade stone set. For storage purposes legs are retained in position by a triangular clip. This can be removed using long nose pliers or tweezers and should be retained for further use. Replacement stone sets available. Use brake fluid for cutting lubricant.

Overall length: 200mm.

Type	Weight each	Order Code KEN-503
3 Leg	105g	-2940K
Replacement Stones - 29 x 4.5mm		
Medium	83g	-2980K

KENNEDY QUALITY INDUSTRIAL TOOLING Heavy Duty Cylinder Hone

For honing of brake cylinders and piston bores with capacities between 51 - 178mm.
Self-aligning flexible shaft and leg assembly for smooth operation at all speeds. Honing diameter and pressure is adjusted via a simple, spring and cone mechanism. Suitable for use with a variable speed electric or air drill and fits into all three jaw chucks. Supplied complete with a fine grade stone set. For storage purposes legs are retained in position by a triangular clip. This can be removed using long nose pliers or tweezers and should be retained for further use. Replacement stone sets available. Use brake fluid for cutting lubricant.

Overall length: 290mm.

Type	Weight each	Order Code KEN-503
3 Leg	380g	-2920K
Replacement Stone Sets - 100 x 9mm - 3 Piece		
Fine	88g	-2950K
Medium	93g	-2960K
Coarse	97g	-2970K

Piston Ring Compressors

Compresses piston rings into position reducing the risk of damage to components. Key operated with ratchet mechanism and safety valve. Made from tempered spring steel complete with steel key.

PRC-540
For passenger car vehicle engines.
Capacity: 57 - 125mm (2¼" - 5").
Height: 80mm (3¼").

PRC-730
For car/light commercial vehicle engines.
Capacity: 90 - 175mm (3½" - 7").
Height: 100mm (4").

PRC-765
For heavy commercial vehicle engines.
Capacity: 90 - 175mm (3½" - 7").
Height: 165mm (6½").

Model Number	Capacity	Order Code KEN-503
PRC540	57 - 125mm	**-2210K**
PRC730	90 - 175mm	**-2240K**
PRC765	90 - 175mm	**-2270K**

Valve & Piston Ring Compressors

Designed for use on production lines as well as in the automotive workshop. Able to cope with occasional commercial use. Manufactured from bright nickel plated steel with PVC cushion grips.

Opening Capacity	Throat Depth	Order Code KEN-503
	Straight	
75-230	230	**-2010K**

Piston Ring Pliers

Enables fast installation or removal of piston rings. A self-adjusting spring tensioned mechanism manufactured from nickel-plated steel with PVC handles for extra grip.

Model Number	Capacity	Order Code KEN-503
PRP100	50 - 100mm	**-2090K**

Valve Spring Compressor

A unique 'direct action' compressor lever gives improved visibility and ease of use in areas of difficult access. In heavy duty steel with all rivetted joints and a slip resistant rubber handle.

VSC145
For use on large and diesel engines.
Restricted access adaptors: 25, 30mm.
Throat clearance: 250mm.

35 - 200mm Capacity

Capacity Min./Max.	Weight each	Order Code KEN-503
35-200mm	2.50kg	**-2700K**

Valve Spring Compressor

VSC175
For use on multi-valve petrol and diesel engines with deep seated valves.
Restricted access adaptors: 25, 30mm.
Throat clearance: 165mm.
Packaging dimensions (W x H x D):
430 x 205 x 40mm.

55 - 175mm Capacity

Capacity Min./Max.	Weight each	Order Code KEN-503
55-175mm	2.20kg	**-2710K**

Straight Head Valve Seal Ring Pliers

For the easy removal of most valve stem seals and lower valve spring guides in restricted areas above the cylinder head. Gripping serrations inside the jaws aid gripping the outside diameter of the valve stem seal. Steel pliers with double rivetted metal handles.

Standard Overalll length:
250mm, 50mm reach.

Extra Long Overall length: 270mm, 80mm reach.

Type	Order Code KEN-503
Standard	**-2680K**
Extra Long	**-2690K**

KENNEDY QUALITY INDUSTRIAL TOOLING 40" Car Creeper

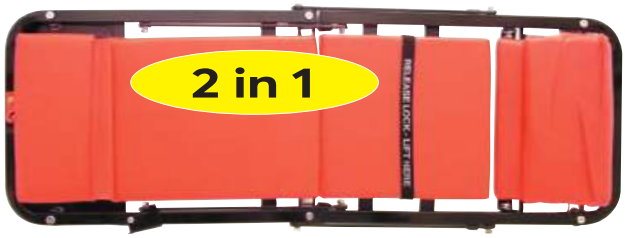
- Underside vehicle repairs can be difficult and frustrating without the right equipment
- Speed up the process, stay cleaner, more comfortable and get a better job done with this car creeper
- Dimensions (LxWxH): 1025 x 425 x 105mm

Order Code KEN-503
-7390K

KENNEDY QUALITY INDUSTRIAL TOOLING 2-in-1 Padded Creeper Board & Seat

Heavy duty steelframe with powder coat finish. Vinylcoated cushioning. Quickly converts from creeper to seat. Adjustable back and parts tray when in the seat position.

Capacity: 150kg (folded) 300kg (unfolded)



Size L x W x H (mm)	Weight each	Order Code KEN-503
1050 x 480 x 100	13.0kg	-7300K

KENNEDY QUALITY INDUSTRIAL TOOLING Creeper Board with Magnetic Trays

High-impact moulded plastic creeper board lets you work under vehicles with ease. Low profile design to provide greater clearance. Padded headrest with removable magnetic tool trays and 6x75mm PVC coated caster wheels.

Capacity:
113kg (250lbs).
Dimensions (L x W x H):
1020 x 475 x 120mm.
Weight: 5kg.

Type	Size L x W x H (mm)	Weight each	Order Code KEN-503
Board	1020 x 475 x 120	5.00kg	-7420K

KENNEDY QUALITY INDUSTRIAL TOOLING Padded Creeper Seat

The creeper seat is fitted with a parts tray for tools and components.

Type	Size L x W x H (mm)	Weight each	Order Code KEN-503
Seat	365 x 355 x 355	3.50kg	-7340K

KENNEDY QUALITY INDUSTRIAL TOOLING Mechanic's Stethoscope

Professional stethoscope provides a fast and easy way to locate noises in engines or bearings and other moving parts. High quality surgical grade PVC and rubber parts for increased sound definition, plastic ear-pieces minimise outside noise with an aluminium alloy probe/needle for finding the exact location of specific noises.
Supplied with rubber trumpet for checking vacuum and pressure flow. Useful for synchronising multi carburettors, helps to track dashboard rattles and is ideal for pinpointing unusual vibrations or suspected leaks, it is also shockproof.

Product Number	Order Code KEN-503
MSC110	-2740K

SENATOR QUALITY TOOLING Lightweight Plastic Creeper Board

Durable, lightweight moulded plastic creeper board ideal for use in garages. Padded headrest with 4x 50mm polypropylene caster wheels.

Capacity: 127kg (280lbs).
Dimensions (L x W x H):
910 x 405 x 105mm.
Weight: 3kg.

Type	Size L x W x H (mm)	Weight each	Order Code SEN-503
Board	910 x 405 x 105	3.00kg	-7378K

KENNEDY QUALITY INDUSTRIAL TOOLING Trolley Jack

Strong steel chassis provides stability when under load. Fixed direction castors and swivel castors for easier positioning under vehicles. Long reach single piece pump handle with comfort rubber for rapid raising and lowering. Safety overload protection valve prevents overload damage to hydraulic mechanism. Integral carry handle.
GS and TUV approved.
-6320K: 525 x 225 x 145mm
-6920K: 1150 x 360 x 210mm

-6320K

-6920K
Long reach

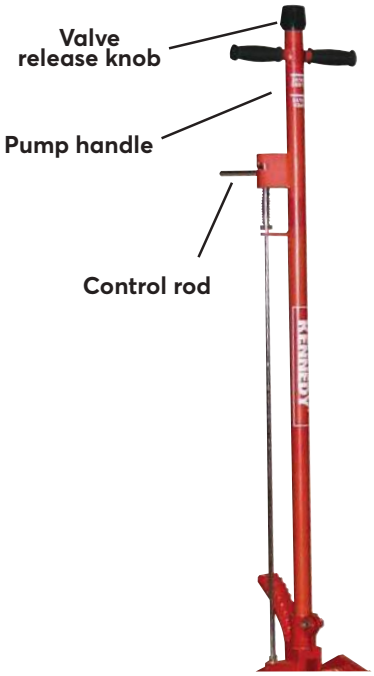
Maximum Load	Height (mm) Min. - Max.	Weight each	Order Code KEN-503
2000kg	130 - 380	12.0kg	**-6320K**
2000kg	140 - 800	58.0kg	**-6920K**

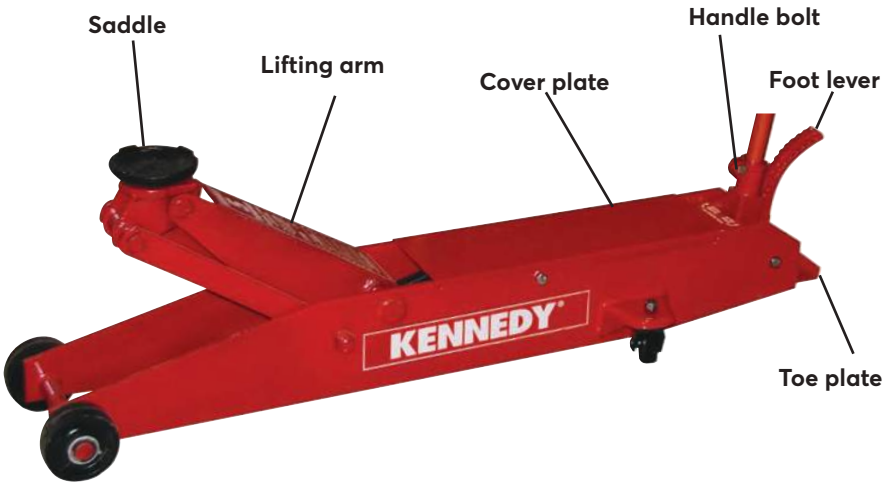
KENNEDY QUALITY INDUSTRIAL TOOLING Heavy Duty Trolley Jacks

Constructed from heavy gauge steel for heavy-duty use with a large diameter saddle for a secure hold under the jacking point. Extra long handle for easy access under bigger vehicles which also tilts and locks in three positions with a built-in handle mounted safety release to prevent accidental lowering of the load. A foot pedal pump and fine adjustment are fitted on the handle for optimum vehicle height. Automatic safety overload protection and rear toe plate for easy positioning.

Model Number	Max Load (kg/Tonne)	Min Height (mm)	Max Height (mm)	Saddle R (mm)	Handle Pieces (mm)	Handle Length (mm)	Chassis Length (mm)	Chassis Width (mm)	Chassis Height (mm)	Net Weight (kg)
-6380K	5,000/5	150	560	130	1	1,200	1,420	370	200	95.0
-6420K	10,000/10	160	560	150	1	1,200	1,555	490	255	145.0

1 tonne (metric ton or t) = 1000kg. *1 ton (imperial ton) = 2240lbs (1016kg).*





Capacity	Order Code KEN-503
5 Tonne	**-6380K**
10 Tonne	**-6420K**

3 Tonne Quick Lift Trolley Jack

3 tonne capacity. One stroke instant lift foot pedal, raises the saddle up to jack point to increase productivity. Constructed from heavy gauge steel. 1m, two-piece handle. 120mm diameter saddle.
Automatic safety overload protection. Positive twist, lock and release mechanism. Heavy duty rear swivelling castor wheels.
Maximum load: 3000kg.
Minimum height: 145mm.
Maximum height: 490mm.

QUICK LIFT

Dimensions
-7100K: 685 x 346 x 180mm

Maximum Load	Height (mm) Min. - Max.	Weight each	Order Code KEN-503
3000kg	145 - 490	37.2kg	**-7100K**

Low Profile Service Trolley Jacks

Low Profile Trolley Jacks have strong, robust steel chassis to provide stability when under load. A low entry height. Heavy duty fixed direction castors and swivel castors ensure easy positioning under the vehicle prior to lifting. The pump handle with comfort rubber grip is to rapidly raise and lower the load arm and the vehicle. For use on firm level surfaces. **DO NOT** work under the raised vehicle until another means of support, such as axle stands are in place.

2 Tonne

3 Tonne

Maximum Load	Height (mm) Min. - Max.	Weight each	Order Code KEN-503
2000kg	89 - 359	14.5kg	**-6520K**
3000kg	85 - 450	29.3kg	**-8350K**

2.5 Tonne Low Profile Quick Lift Lightweight Trolley Jack

3 tonne capacity. Made of a lightweight aluminium and steel construction. Its low profile makes it ideal for any type of car, including sports and race cars, and its swivel castor wheels enable easier positioning under vehicles. It also has a quick lift with dual pump and a rubber hand grip for user comfort.

QUICK LIFT

Dimensions
-6540K: 685 x 345 x 180mm

Maximum Load	Height (mm) Min. - Max.	Weight each	Order Code KEN-503
2500kg	100 - 460	28.5kg	**-6540K**

2 Tonne Low Profile Long Reach Trolley Jacks

A low entry height Trolley Jack. Heavy duty fixed direction castors, swivel castors and inside wheel ensure excellent manoeuvrability and easy positioning under the vehicle prior to lifting. The foot pedal is to rapidly raise and lower the load arm and the vehicle. The long reach pump handle has a comfort rubber grip. Includes a practical tray for carrying tools and a rubber pad for the saddle. For use on a firm level surfaces.

Dimensions
-6570K: 1010 x 365 x 135mm
-6580K: 1150 x 350 x 180mm

Maximum Load	Height (mm) Min. - Max.	Weight each	Order Code KEN-503
2000kg	76 - 510	42kg	**-6570K**
3000kg	140 - 525	50kg	**-6580K**

Hydraulic Trolley Jack, 2 Tonne

- Safety bypass system prevents over loading
- Equipped with pump piston dust shields and wiper seals
- Designed to fit under low vehicles and in confined spaces
- Quick and easy jack removal
- Swivel castors and a carry handle for optimum manoeuvrability
- Minimum lifting height: 135mm
- Maximum lifting height: 340mm
- Dimensions: 447 x 196 x 135mm

Maximum Load	Height (mm) Min. - Max.	Weight each	Order Code SEN-503
2000kg	135 - 340	8.7kg	**-6410K**

Hydraulic Trolley Jacks - 3 Tonne

Featuring steel chassis for stability, swivel castors for easier positioning and 1 piece handle with rubber grip for extra comfort. With overload protection valve, separate release mechanism and integral carry handle.

Maximum Load	Height (mm) Min. - Max.	Weight each	Order Code SEN-503
3000kg	130 - 410	15.8kg	**-6360K**

AUTOMOTIVE - JACKS & STANDS

KENNEDY QUALITY INDUSTRIAL TOOLING Maximum Height Bottle Jack

- Cast iron bases with a steel cylinder housing and an adjusting notched saddle
- Fitted with an overload protection valve
- Handle also operates hydraulic release
- Complies with the EC Machinery Directive
- GS and TUV approved

Capacity Tonne	Lifting Height Min. mm	Weight each	Order Code KEN-503
2	140	2.40kg	**-8032K**
3	168	3.10kg	**-8034K**
5	185	4.10kg	**-8036K**
8	190	4.90kg	**-8038K**
12	227	7.70kg	**-8040K**
15	227	7.70kg	**-8042K**
20	217	9.80kg	**-8044K**
32	230	15.89kg	**-8046K**
50	240	25.38kg	**-8048K**

KENNEDY QUALITY INDUSTRIAL TOOLING Scissor Jack

Made from heavy-duty steel with a rubber saddle which provides a positive grip and prevents damage to jacking points. Designed to safely raise vehicles. Easy to use and compact for easy storage.
1 Tonne (1000kg) safe working load. Wide base plate for extra stability.

Lifting range: 88 - 383mm.
Base plate size: 150 x 90mm.
Spindle thread: 12.5 x 2.5mm.

Capacity	Weight each	Order Code KEN-503
1000kg	2.80kg	**-5920K**

KENNEDY QUALITY INDUSTRIAL TOOLING Ratcheting Axle Stands

Suitable for supporting raised vehicles or equipment. Protective red enamel coating. 10-position ratchet design that automatically locks when raised.

Capacity/pair	Per Stand	Min.-Max. Height	Order Code KEN-503
4 Tonne (4000kg)	2T	265-418mm	**-5520K**
6 Tonne (6000kg)	3T	280-420mm	**-5530K**
12 Tonne (12000kg)	6T	390-608mm	**-5560K**

KENNEDY QUALITY INDUSTRIAL TOOLING 500kg Engine Support Beam

For supporting and accurately positioning engines during maintenance operations and as an aid for the removal of gearboxes and transmissions. 500kg (½ tonne) capacity. Adjustable width to bridge various engine compartments. Fitted with soft rubber feet to protect the bodywork. Supplied with a 92cm long chain. Supporting legs can be tilted.

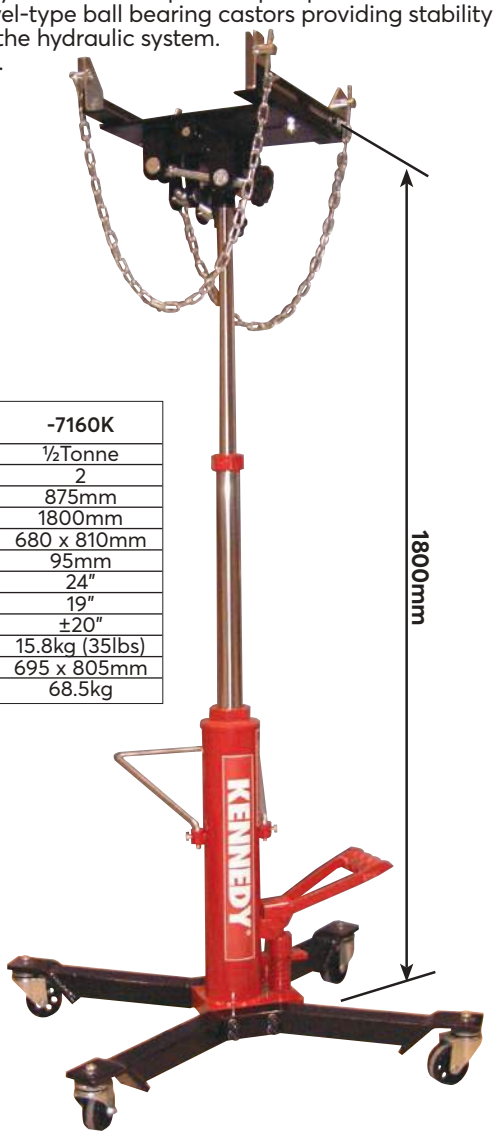
Group 582

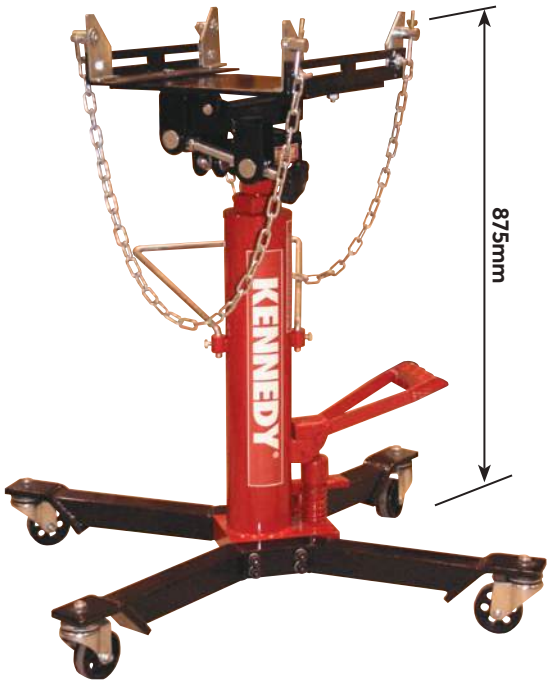
Capacity	Order Code KEN-503
500kg	**-8100K**

KENNEDY QUALITY INDUSTRIAL TOOLING Telescopic Transmission Jack

Ideal for car and light commercial transmission removal and installation. Fully adjustable universal rotary saddle with adjustable corner brackets and safety chains. Foot operated pump and release valve leaves both hands free to manoeuvre transmission. Wide base with four 3" dia. swivel-type ball bearing castors providing stability and easy manoeuvring. Two-stage flash chromed rams inhibit rust from entering the hydraulic system.
Lifts from 875 to 1800mm.

Contents	-7160K
Capacity	½Tonne
Ram Extensions	2
Minimum Saddle Height	875mm
Maximum Saddle Height	1800mm
Saddle Size	680 x 810mm
Chain Length	95mm
Saddle Tilt Forward	24"
Saddle Tilt Back	19"
Saddle Tilt Side	±20"
Saddle Return Weight	15.8kg (35lbs)
Base	695 x 805mm
Weight	68.5kg





Order Code KEN-503
-7160K

KENNEDY QUALITY INDUSTRIAL TOOLING Hydraulic Nut Splitter Set

The hydraulic ram provides up to 10 tonnes of direct non-twisting application of thrust that is more effective and secure than a mechanical thrust screw. Fully threaded body allows for quick and easy height adjustment. The splitter bodies are manufactured from carbon steel.

8 Piece Set contents:
1x hydraulic ram.
1x splitter body ⅜" diameter capacity.
1x splitter body ½" diameter capacity.
1x splitter body ⅝" diameter capacity.
1x splitter body ¾" diameter capacity.
1x splitter body 1" diameter capacity.
1x threaded attachment sleeve.
1x oil bottle.

Weight each	Order Code KEN-503
4.45kg	-4300K

KENNEDY QUALITY INDUSTRIAL TOOLING Nut Splitters

Mechanical drop forged, hardened and tempered plated steel. Ideal for releasing seized/damaged nuts etc.

4 Piece Set
Contents (1 of each): No.1, No.2, No.3, No.4.

Weight each	Order Code KEN-503
1.40kg	-4290K

Oil Drain Plug Key Set

A comprehensive set of quality 3/8" sq. drive oil drain plug keys with tommy bar. Made from satin finished chrome vanadium.

Contents: Male Square: 7mm, 8mm (5/16"), 9mm, (3/8"), 10mm, 11mm, 12mm and 13mm. Female Square: 10mm. Male Hex: 8, 9, 10, 12, 14 and 17mm. Male Triangular 10mm. Tommy bar.

17 PIECES

Order Code KEN-503
-1720K

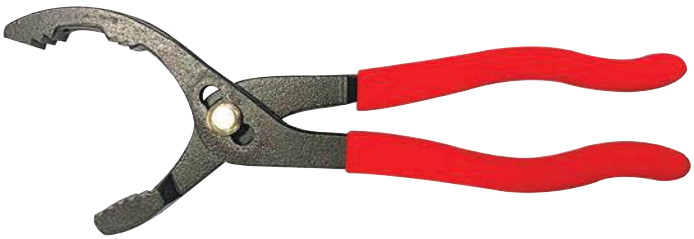
Three Jaw Oil Filter Wrench

For use with ratchet handles, extension bars, flexible drives etc. With 3/8" square drive and hexagon adaptor, or use with 19mm/3/4" AF spanners or sockets. All steel construction, chrome plated with milled teeth on gripping arms for positive action when loosening or tightening.

Spread/ Range	Weight each	Order Code KEN-503
60 to 120mm	600g	-1800K

Oil Filter Pliers

Manufactured from hardened and tempered chrome vanadium with chemically blackened corrosion resistant finish and vinyl grip. Three position rapid jaw adjustment with high grip tooth profile, ensures the minimum amount of effort is required to remove or fit oil filters.



Size	Capacity (mm)	Order Code KEN-503
255mm (10")	69 - 80	-1760K
305mm (12")	50 - 114	-1780K

Oil Filter Wrench

Articulated filter wrench with swivel action tightener. Suitable for oil filters with limited access.

Capacity:
75 - 110mm.

Weight each	Order Code SEN-503
320g	-1800K

AUTOMOTIVE - PULLERS & SEPARATORS

KENNEDY QUALITY INDUSTRIAL TOOLING Double Ended Mechanical Pullers

- All sizes have double-ended, adjustable, reversible legs
- Mechanical pullers that are ideal for the removal of gears, ball races, bearings, pulleys and sprockets from a drive shaft

2 Jaw Pullers

3 Jaw Pullers

Combined 2+3 Jaw Pullers

Spread mm	Reach mm	Thread Length mm	Order Code KEN-503
2 Jaw Pullers - Supplied with both 2-legged yoke			
76mm	65mm	125mm	**-3010K**
102mm	86mm	162mm	**-3011K**
153mm	140mm	202mm	**-3012K**
203mm	200mm	317mm	**-3013K**
3 Jaw Pullers - Supplied with both 3-legged yoke			
76mm	65mm	125mm	**-3014K**
102mm	86mm	162mm	**-3015K**
153mm	140mm	202mm	**-3016K**
203mm	200mm	317mm	**-3017K**
Combined 2+3 Jaw Pullers			
76mm	65mm	125mm	**-3018K**
120mm	82mm	122mm	**-3019K**
177mm	139mm	174mm	**-3020K**
203mm	177mm	174mm	**-3021K**

KENNEDY QUALITY INDUSTRIAL TOOLING Bearing Separators

For removing bearings, gears and bushes from shafts where access with a mechanical puller is restricted. Separators have tapered edge for insertion behind close fitting bearings, gears and bushes.

Jaw hardness:
42° - 45° HRC.

UP TO 150mm CAPACITY

Capacity (mm)	Order Code KEN-503
30 - 50	**-4520K**
50 - 75	**-4540K**
75 - 105	**-4560K**
105 - 150	**-4580K**

KENNEDY QUALITY INDUSTRIAL TOOLING Extra Long Reach Mechanical Puller - 2 Jaw

Reversible
Manufactured from drop forged hardened alloy steel. Three position extra long legs to be used where access is limited. The puller legs are securely located on the bearing by screwing down the tapered nut to lock the arms in position. The legs are then retracted with the bearing by turning the T-bar to extend the
thrust bolt on to fixed shaft.

Spread: 10 - 50mm.
Reach: 300mm.

UP TO 300mm REACH

2 JAW

Reach	Weight each	Order Code KEN-503
300mm	1.20kg	**-3320K**

KENNEDY QUALITY INDUSTRIAL TOOLING Mechanical Separator Set

30 - 75mm
For removing bearings, gears, sprockets and bushes.
Metal storage case.

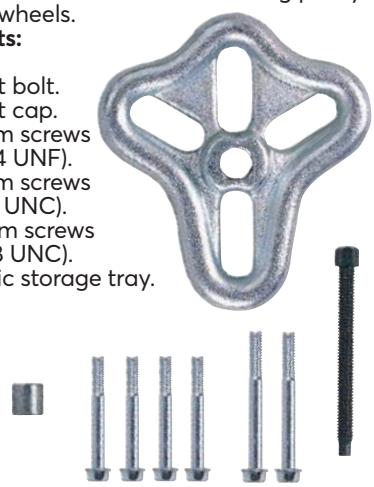
Contents:
1x 7" thrust bolt.
1x 30 - 50mm separator.
1x 50 - 75mm separator.
2x 80 and 100mm main rods.
2x 90 and 110mm extension rods.
1x beam.

8 PIECES

Weight each	Order Code KEN-503
4.95kg	**-4750K**

KENNEDY QUALITY INDUSTRIAL TOOLING Mechanical Puller Sets

-3400K Steering Wheel
Suitable for GM, Ford and Chrysler vehicles. Also suitable for removing pulleys and fly wheels.
Contents:
1x yoke,
1x thrust bolt.
1x thrust cap.
2x 75mm screws (5/16" x 24 UNF).
2x 75mm screws (3/8" x 16 UNC).
2x 90mm screws (5/16" x 18 UNC).
1x plastic storage tray.



-3420K Harmonic Balance
For harmonic balance removal, timing gears and other parts with bolt circle diameters from 38 to 117mm (1½" to 4⅝").
Ductile steel yoke.
Contents:
1x yoke.
1x thrust bolt.
1x ram nut.
3x 75mm screws (3/8" x 24 UNF).
3x 75mm screws (3/8" x 16 UNC).
1x plastic storage tray.

-3440K Combination
Steering wheel puller suitable for GM, Ford and Chrysler vehicles.
For harmonic balance removal, timing gears and other parts with bolt circle diameters from 38 to 117mm (1½" to 4⅝").
Contents:
As 3400K and 3420K above.

Weight each	Order Code KEN-503
1.00kg	-3400K
1.80kg	-3420K
2.75kg	-3440K

KENNEDY QUALITY INDUSTRIAL TOOLING Slide Hammer Puller Set

Multi-function
Fully hardened and chromed carbon steel slide hammer with a 1.2kg weight.
Slide hammer design for removing bearings from blind housings. Suitable for use where a shaft or other solid surface is not available for a thrust bolt or hydraulic ram to push against. The bearing is removed by the impact action of the slide hammer weight hitting the stop at the end of the bar. The puller legs are securely located on the bearing by screwing down the tapered nut to lock the arms in position. Blow moulded storage case.

Contents:
1x T-bar.
1x hammer.
1x two jaw head.
1x three jaw head.
1x leg locking nut.
1x grip wrench adaptor.
1x tapping adaptor and hook.
2x axle pullers.
3x 120mm puller legs,
3x screw and nut assemblies.
1x blow moulded storage case.

Weight each	Order Code KEN-503
8.20kg	-3480K

KENNEDY QUALITY INDUSTRIAL TOOLING Slide Hammer Puller Set

3 Jaw Internal & External
Multi-function Slide Hammer Puller Set
Fully hardened and chromed carbon steel slide hammer with a 1.2kg weight.
Slide hammer design for removing bearings from blind housings.
Suitable for use where a shaft or other solid surface is not available for a thrust bolt or hydraulic ram to push against. The bearing is removed by the impact action of the slide hammer weight hitting the stop at the end of the bar. The puller legs are securely located on the bearing by screwing down the tapered nut to lock the arms in position.
Blow moulded case.

6 Piece Set Contents:
1x T-bar.
1x hammer 1.2kg.
1x 3 jaw internal puller 15 - 30mm.
1x 3 jaw internal puller 30 - 80mm.
1x 3 jaw external puller 15 - 80mm.
1x blow moulded case.

Weight each	Order Code KEN-503
4.95kg	-3340K

6 Way Hydraulic Puller Set

10 ton capacity hydraulic ram with tommy bar. Supplied with three position puller legs covering a spread of 50 - 250mm and reach of 0 - 250mm. Can be used as a two or three legged puller with the same head.

Contents:
1x combination head.
1x hydraulic ram.
3x three position puller legs.
6x leg connectors.
6x screw nuts, bolts and washers.
1x 32mm extension rod.
1x ram nut.
1x blow moulded storage case.

2&3 JAW
250mm REACH

Weight each	Order Code KEN-503
4.90kg	-3500K

Hydraulic Separator Sets

-4700K 105 - 150mm
-4720K 75 - 105mm

For removing bearings, gears, sprockets and bushes. 10 ton capacity hydraulic ram with tommy bar. Metal storage case.

Both sets contain:
1x hydraulic ram.
1x separator.
2x 200mm main rods.
2x 230mm extension rods.
1x beam.
1x ram nut.

-4700K (only) also contains
1x 80mm push plate.
1x 50mm ram extension.
1 x 100mm ram extension.

8 PIECES

-4700K Set Illustrated

Weight each	Order Code KEN-503
15.0kg	-4700K
9.30kg	-4720K

Hydraulic Ram

10 ton capacity grease filled hydraulic ram with spring loaded plunger. Provides direct non-twisting application of thrust that is more effective and secure than a mechanical thrust screw.
Fully threaded body allows for quick and easy height adjustment.

Capacity: 10 ton.
Length (excluding handle): 190mm.
Diameter of ram: 38mm.
Thread pitch: 16 gauge x 3/8" BSW

Weight each	Order Code KEN-503
1.40kg	-7200K

Hydraulic Puller/ Separator Set

10 ton capacity hydraulic ram with tommy bar.
Suitable for agricultural machines, garage and industrial use.

Contents:
1x hydraulic ram (KEN- 503-7200K).
3x 4", 6" and 8" puller legs.
1x twin head.
1x triple head.
1x 50mm ram extension.
1x 100mm ram extension.
2x 200mm main rods.
2x 230mm extension rods.
1x 75 - 105mm separator.
1x bolt.
1x ram ring. 1x ram nut.
Blow moulded storage case.

Weight each	Order Code KEN-503
16.0kg	-3520K

Ball Joint Servicing Kit

Made from cast iron and hardened carbon steel, this kit is designed for the removal of press fit type ball joints without having to remove the control arm from the vehicle. The kit can also be used for removing brake anchor pins and the servicing of universal joint bearings.

Description	Weight each	Order Code KEN-503
Ball Joint Servicing Kit	7.60kg	-1300K

Ball Joint Separators

Manufactured from drop forged alloy steel with slim tapered fork jaw for easier access into confined areas. For use on most car and light commercial vehicle ball joints.

100mm Overall Length - Restricted Access
Designed for use in hard to reach and confined areas.
Mainly for use on Asian import cars.

160mm overall length

100mm overall length

Overall Length	Capacity	Throat Depth	Throat Width	Weight each	Order Code KEN-503
100mm	22mm	22mm	22mm	740g	-1400K
160mm	45mm	22mm	18mm	1120g	-4400K

Spring Compressor Sets

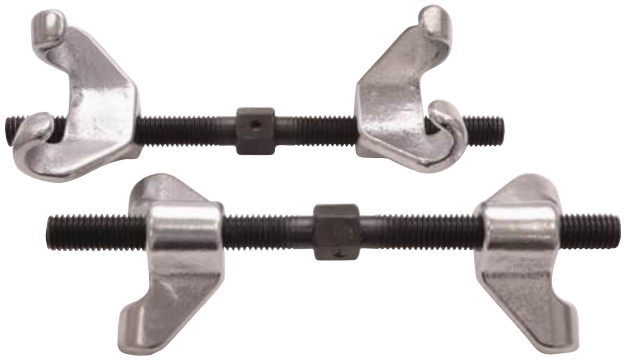
Hardened steel screws and cast steel claws.

2 Legged
Central hexagonal drive with wrap over coil claws which can be reversed for spreading applications. Use with 21mm/13/16" AF open ended spanner.

Maximum jaw opening: 250mm.

3 Legged
Each leg has one free moving claw and one threaded claw with a ½" square drive or 24mm hexagon drive - can be used with air tools or spanners. Fitted with safety hooks.

Maximum jaw opening: 240mm.



Number of Legs	Weight each	Order Code KEN-503
2	1.20kg	-2410K
3	3.00kg	-2420K

4000kg Elasticated Tow Rope

Two zinc plated steel safety hooks. Elasticated core minimises drag on overrun. Heavy duty stitched webbing. On tow sign. Manufactured to **BS AU 187 1983.**

Extended length: 4m.

Extended Length	Order Code KEN-503
4m	-8240K

2000kg Tow Rope

Zinc plated steel safety hook. Looped one end. Manufactured from tough high visibility polypropylene. On tow sign. Manufactured to **BS AU 187 1983.**

Length: 3.6m.

Length	Order Code KEN-503
3.6m	-8220K

Fluorescent Warning Triangle

Manufactured from ABS plastic. This simple folding design combines a sturdy four footed base with its rubber grip feet and a high visibility interlocking triangle conforming to European Standard **ECE R27** and tested to **E1** specifications. Supplied in a low profile plastic carrying case.

Triangle dimensions: 440mm (each side).
Triangle height: 380mm.

Description	Order Code KEN-503
Warning Triangle	-8400K

Telescopic Wheel Wrench

Manufactured from drop forged chrome vanadium steel. Supplied with 17/19mm double ended socket that will fit the majority of car wheel nuts. Can be used with any other ½" drive accessories. Extends to 500mm overall to give maximum leverage. **GS and TUV approved.**

Drive	Weight each	Order Code SEN-503
½"	1.00kg	-9000K

Steel Fuel Can

Manufactured from heavy gauge steel with an epoxy coated finish. Supplied with a flexible polythene vented pouring spout. Suitable for storage and transportation of petroleum spirit.
Tested to **DIN 7274, complies with UN Class 3**.

Capacity	Weight each	Order Code KEN-503
10ltr	1.90kg	-9200K

5ltr Fuel Container

Suitable for transporting and storage of petroleum spirit and diesel. UN approved, conforms with **S.I. 1982/630 Petroleum Spirit Plastic Container Regulations 1982.** Colour coded for use with different fuel types.

Colour	Weight each	Order Code KEN-503
Red	630g	-9010K
Green	630g	-9020K
Black	630g	-9030K

Steel Jerry Cans

Manufactured from 16 swg steel. Suitable for storing petrol. Suitable for storing and transportation of diesel, paraffin and motor oil. With lever type safety sealing cap and integral carrying handle. Painted outside and phosphated internally. **UN Approved, Class 3.**

Capacity	Order Code KEN-503
5ltr	-9230K
10ltr	-9240K
20ltr	-9250K

Spouts For Jerry Cans

Capacity	Order Code KEN-503
5 & 10	-9300K
20ltr	-9320K

Non-Approved Fuel Container

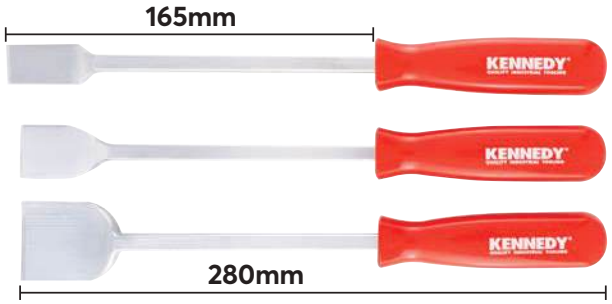
Durable polyethylene containers. petrol, chemical and oil resistant. rigid dispensing spout.

Capacity	Weight each	Order Code KEN-503
5ltr	320g	-9100K
10ltr	500g	-9120K
20ltr	755g	-9140K

Gasket Scraper Set

Long Handled Gasket Scraper Set
For cleaning cylinder heads and removing old sealants and carbon build up. Hardened and tempered carbon steel shanks and heads are 'offset to edge' to allow easy scraping of flat surfaces. Simple 'firmer' style bevelled points with longer head lengths allow for scrapers to be re-ground several times for maximum service life. Impact resistant square section handle for secure grip even when greasy. Set includes blade widths: 19mm (¾"), 25mm (1") and 38mm (1½").

Overall length:
280mm (11").



Weight each	Order Code KEN-503
530g	-1700K

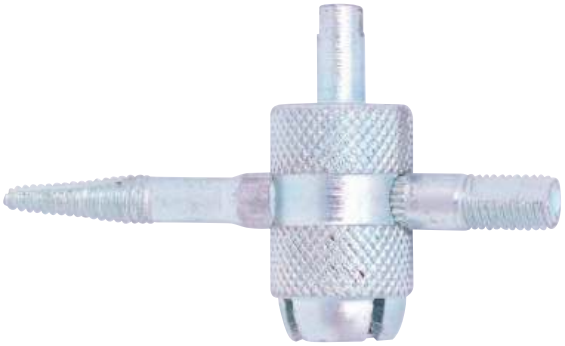
Tyre Tread Depth Gauge

This handy sized tyre depth gauge is graduated in mm and 1/32", with a pen type pocket clip.

Graduation	Weight each	Order Code KEN-503
mm & 1/32"	25g	-8450K

4-Way Tyre Valve Service Tool

This case hardened tool is for the internal and external repair of valve threads, insertion and removal of valve cores.



Type	Order Code KEN-503
4-Way Tyre Valve Service Tool	-8500K

Air Line Tyre Inflator

Push on type tyre inflator is robust and has a dial type pressure gauge reading up to a maximum of 170psi.
The pressure gauge is protected from accidental damage by a rubber shock guard.

Max. Pressure Reading	Weight each	Order Code KEN-503
170psi	720g	-8480K

Heavy Duty Air Line Tyre Inflator with Gauge

A heavy duty push on inflator of rugged construction and with a clear view integral pressure gauge.

Min - Max Pressure Reading	Weight each	Order Code KEN-503
10 - 120psi	635g	-8520K

Pencil Type Tyre Pressure Gauge

Suitable for cars, vans and light commercials, where readings of up to 120psi are necessary. Chrome plated brass construction with a pen type pocket clip.

Max. Pressure Reading	Weight each	Order Code KEN-503
120psi	43g	-8460K

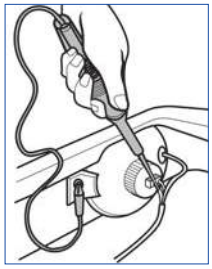
Dial Type Tyre Pressure Gauges

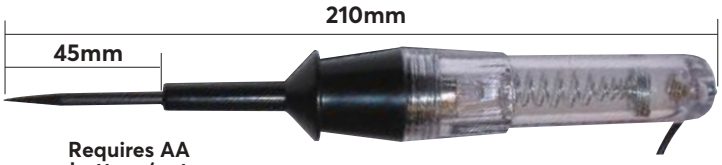
This push-on type pressure gauge is graduated in psi and bar up to a maximum of 64psi (4.5bar). The reading is held until the release button is pressed.

Max. Pressure Reading	Weight each	Order Code KEN-503
64psi	125g	-8440K

Circuit Continuity Tester

For testing circuit continuity on non-live systems.
Locates broken circuits in fuses, switches, sockets and wires.
1m lead. Super sharp tempered steel probe to test through wire insulation.





Requires AA battery (not supplied).

Model Number	Weight each	Order Code KEN-503
CCT001	90g	-1000K

Standard Circuit Tester

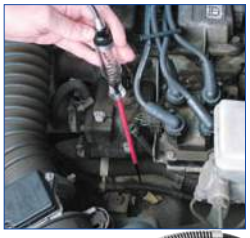
Suitable for use with power on. For 6 and 12V automotive systems only. Locates shorts, earth and open circuits. 1m lead. Super sharp tempered steel probe to test through wire insulation.

Probe length: 45mm.

For use on 6 and 12V

Model Number	Weight each	Order Code KEN-503
SCT012	80g	-1020K

Commercial Duty Circuit Tester



Suitable for use with power on. For 6, 12 and 24V automotive systems only. Locates shorts, earths and open circuits.
1.4m heavy duty lead with spring strain relief.
Super sharp stainless steel probe to test through wire insulation.
Probe length: 100mm.

Model Number	Weight each	Order Code KEN-503
CDT024	215g	-1060K

Standard Automotive Fuse Set

An assortment of standard automotive bladed fuses supplied in transparent storage box. Colour coded transparent fuse bodies.
Rated to 32V.

Fuse material: zinc.
Plug-in fuse type: 3A, 5A, 7.5A, 15A, 20A, 30A (15 of each).
Plug-in fuse type: 10A (30pcs).

120 PIECES

Order Code KEN-503
-9900K

Quick Splice Set

For fast, simple and strong splicing of automotive electrical wires. Easy-to-use, no wire strippers or crimper required.

Maximum electrical rating: 600V.
Maximum temperature: 105°C.
Terminal material: brass.
Plating: tin insulation.
Material: PP.
Red: 0.5mm² x 1.0mm² (25pcs).
Blue: 1.5mm² x 2.5mm² (25pcs).

50 PIECES

Order Code KEN-503
-9930K

Battery Fluid Tester

Tests 6, 12 and 24V batteries. Tough glass tube construction with colour coded float for easy reading which indicates the state of charge in each cell.

Scale Range	Order Code KEN-503
1.1-1.3	-1120K

Battery & Alternator Tester

Indicates condition of battery and the output of an alternator. For automotive use on 12V DC systems only. Magnetic back.

Test Voltage	Cable Length	Order Code KEN-503
12V	0.8m	-1080K

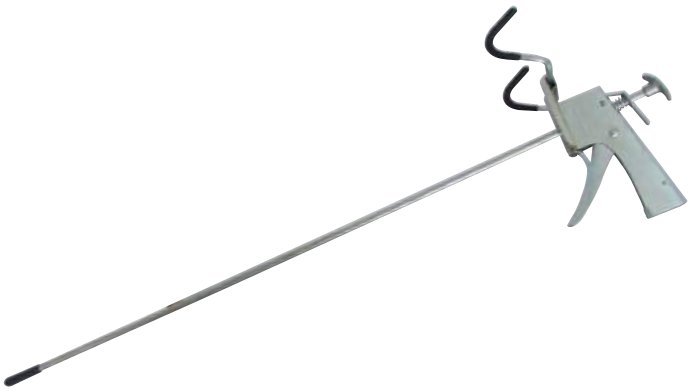
Brake Caliper Spreader

Retracting brake caliper pistons can be used with ½" square drive ratchet and 21mm hex wrench or spanner and is suitable for use on most cars and motorcycles. Constructed from hardened steel with phosphate finished spreader plates for corrosion protection.

Product Number	Weight each	Order Code KEN-503
BCS065	830g	-1900K

Brake Pedal Depressor

Ingenious tool for depressing and holding down the brake pedal whilst carrying out maintenance.



Order Code KEN-503
-1910K

Brake Spring Cup Washer Tool

Removes and replaces T-slot anti-rattle spring washers found in drum brake assemblies. Hardened and tempered carbon steel shank and cup with oxidised finish for protection against corrosion, bevelled and notched cup fits 16 - 22mm (⅝" - ⅞") diameter. Impact resistant square section handle for secure grip even when greasy.

Overall length: 152mm (6").

Product Number	Weight each	Order Code KEN-503
BST122	110g	-4940K

Brake Pad Key

8mm hexagon key. 140mm handle for optimum leverage and grip. Suitable for disc brake caliper retaining bolts on many modern cars. Manufactured from chrome vanadium steel with corrosion resistant phosphated finish.

Size	Weight each	Order Code KEN-503
8mm Hex	245g	-2880K

Universal Caliper Wind-Back Tool Kits

Winds back disc brake calipers when replacing brake pads. Professional quality, allows the easy return of brake piston into the caliper. Suitable for most braking systems. Includes left and right handed thrust bolt assemblies, reaction plate and adaptors. Both kits supplied in carry cases.

Number of Pieces	Order Code KEN-503
12	-2770K

Vacuum Testing & Brake Bleeding Kit

Vacuum testing kit that helps to locate and identify faults on cars, motorcycles and commercial vehicles. Supplied in robust blow moulded case.

Contents: serviceable metal bodied vacuum pump, reservoir jar, transfer lid, storage lid, 4x lengths of 6mm ID tubing, 1x length of 4mm ID tubing adaptor. Set of brake bleeding adaptors, rubber cup adaptor.
Maximum vacuum: 550mm Hg.
Reservoir capacity: 150ml.

Order Code KEN-503
-2720K

Heavy Duty Hose Clip Pliers - Clic Compatible

With steel jaws and PVC coated handles. These spring loaded dual purpose pliers are designed for fitting and removing Clic and Clic-R® hose clips.

Overall Length	Weight each	Order Code KEN-503
260mm	230g	-4810K

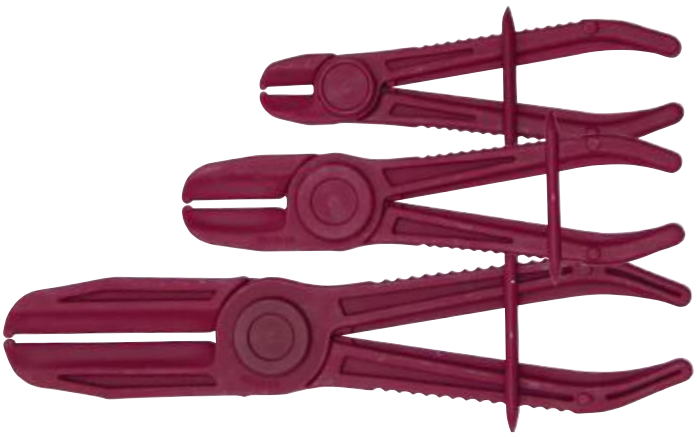
Angled Flat Band Hose Clamp Pliers

Removes and installs flat band hose clamps. Swivel tips to grip at any angle. Locking handle allows user to maintain 'open' position and hold clamp in place.

Overall Length	Weight each	Order Code KEN-503
215mm	200g	-1960K

Hose Pinch Clamp Set

HPS003
These professional tools are for clamping flexible hoses from 11mm to 60mm in diameter. Made from a composite of glass reinforced nylon, they are lightweight, tough and have smooth rounded jaws to prevent damage to internal reinforcement.



3 PIECES

Hose Range	Weight each	Order Code KEN-503
11-60mm	330g	-1940K

Remote Hose Clamp Pliers

For the removal and replacement of fuel, oil and water hoses. Flexible 530mm long reach ratchet mechanism allows the pliers to release and lock hose clamps in the opened position. Supplied with cable clamping nipple for use when replacing the cable.

Capacity	Weight each	Order Code KEN-503
55mm	575g	-1970K

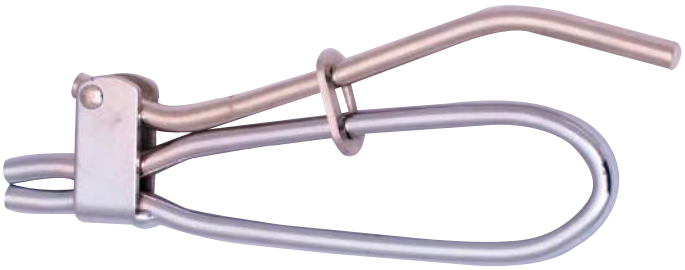
Extra Heavy Duty Ear Type Clip Pliers

These pliers have steel jaws, PVC coated handles and a ½" sq for use with torque wrenches and bar breakers. Suitable for all ear type CVJ boot clips.

Product Number	Order Code KEN-503
AT4185	-4820K

Spring Type Hose Pinch Tool

For clamping flexible brake lines, fuel lines, vacuum hose and other fluid lines up to 12mm diameter. Allows servicing to be carried out without the need for system draining. Sliding lock collar allows hoses to be fully or partly closed. Smooth rounded jaw edges avoid damage to hoses. All steel construction with corrosion-resistant chrome finish.



Maximum Diameter	Weight each	Order Code KEN-503
12mm	160g	-2840K

Ratcheting Hose Pinch Pliers

For clamping flexible brake lines, fuel lines, vacuum hose and other fluid lines. Heavy duty serrated jaw edges provide excellent clamping whilst avoiding damage to hoses. Jaws pivot and self-level to ensure parallel clamping. Fine-adjusting ratchet action allows hoses to be fully or partly closed. Cocking mechanism holds pivot jaws firmly in position. All steel construction with corrosion-resistant finish.

Overall Length	Weight each	Order Code KEN-503
250mm	435g	-2860K

Cleaning & Decarbonising Brush Set

20-Piece
This cleaning brush set is very versatile in use as it comes with three different material bristles and can be used either manually or with a power drill.

Contents:
Quick release screwdriver, quick release extension bar,
9, 11, 13, 15, 17 & 19mm Ø Brass Brushes,
9, 11, 13, 15, 17 & 19mm Ø Steel Brushes,
9, 11, 13, 15, 17 & 19mm Ø Nylon Brushes.

20 PIECES

Order Code KEN-503
-4990K

Standard Length Gasket Scraper Set

Rigid carbon scrapers ideal for cleaning cylinder heads, removing old sealants, carbon build up and a variety of general multi-purpose automotive applications.

Set includes blade lengths:
205 x 13mm (8" x ½"),
205 x 25mm (8" x 1"),
93 x 25mm (3½" x 1"),
97 x 15mm (3¾" x ⅝").

4 PIECES

Weight each	Order Code KEN-503
1.10kg	-1980K

Professional Glow Plug Connector Pliers

Suitable for the removal of hard to reach glow plug connectors found on the latest generation of engines. Made from chrome vanadium steel. Composite handle provides added comfort and control.
Blade length: 125mm.

Straight

Angled

Jaw Type	Order Code KEN-503
Straight	-1240K
Angled	-1260K

Spark Plug Hole Thread Chaser

Double ended for 14mm and 18mm plug hole threads. Cleans corrosion and carbon build-up from female spark plug threads and sensor sockets. Repairs minor cross threading damage. Use with 21mm deep socket.

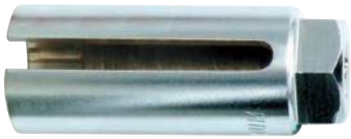
Order Code KEN-503
-2750K

Oxygen 'EGO', 'O2', 'Lambda' Sensor Socket Set

Three piece universal set. Essential for servicing today's computer-controlled vehicle systems. Easily removes exhaust gas oxygen sensors (known as 'EGO', 'O2' or 'Lambda' sensors), vacuum switches and pressure switches. Also suitable for diesel injectors found on Mitsubishi, Nissan, Opel, Vauxhall and VW vehicles. Made from heat treated cast steel.

Set contains:
22mm (7/8") hex, 1/2" square drive socket with 7.5mm side slot for sensor wire clearance. Socket has 22mm hex for use with a spanner.

Overall length: 80mm.
22mm (7/8") hex, crow's foot style wrench, 1/2" square drive (double square for easy access). With full length 11mm slot for total clearance of switch/sensor wire. 22mm (7/8") hex, crow's foot style wrench, 3/8" square drive. With full length 8.6mm slot for total clearance of switch/sensor wire.



3 PIECES

Order Code KEN-503
-8020K

Anti-Freeze Tester

Suitable for use with Ethylene Glycol or Methanol type anti-freezes. Shows lowest temperature at which the cooling system is protected against freezing. Tough glass tube construction with an easy to read scale. For use on hot or cold engines.

Maximum Diameter	Weight each	Order Code KEN-503
AFT001	140g	-1100K

Seal Puller Tool

Two size tips allow you to remove oil or grease seals from virtually anything including wheel bearings, transmission housings, etc. Hardened and tempered carbon steel shank and head with oxidised finish tips, chrome plated shank for protection against corrosion. Impact resistant square section handle for secure grip even when greasy.

Overall length: 310mm (12¼").

Model Number	Weight each	Order Code KEN-503
SPT312	365g	-2900K

Diesel Injector Seat Cutter Set

Specifically designed for the cleaning and recutting of injector seats. For use with Bosch, Delphi, Iveco, Fiat and other universal applications.

Includes: five cutting reamers, pilot post, T-bar and a hexagon key.

8 PIECES

Order Code KEN-503
-1830K

Exhaust Doughnut Puller

To enable fast Installation or removal of rubber anti-vibration mounting rings found on modern exhaust systems. Puller has offset hook for easier application and dipped vinyl handle for added comfort and extra grip. Manufactured from hardened steel.

Length: 290mm.

Product Number	Weight each	Order Code KEN-503
EPD290	225g	-1600K

Oxygen Sensor Socket

1/2" square drive. 22mm hex. x 90mm length. Cutaway section allows socket to pass over wiring.

Order Code KEN-503
-2760K

KENNEDY QUALITY INDUSTRIAL TOOLING Cold Chisels - Chrome Vanadium

Manufactured from high quality octagonal chrome vanadium steel with a ground cutting edge. For use on brickwork, masonry and cold metals. Manufactured to **ASME B107.47M-1998.**

Flat
Used for cutting and chipping cold metals and brickwork.

Width x Length (mm)	Octagon (mm)	Order Code KEN-505
6 x 100	6	-1600K
6 x 150	6	-1620K
9 x 125	9	-2410K
9 x 150	9	-2460K
12 x 150	9	-3220K
12 x 200	9	-3240K
12 x 255	9	-3260K
12 x 305	9	-3280K
16 x 150	12	-4020K
16 x 200	12	-4040K
18 x 200	16	-4840K
18 x 230	16	-4850K
18 x 255	16	-4860K
18 x 305	16	-4870K
18 x 455	16	-4890K
25 x 200	22	-6440K
25 x 230	22	-6450K
25 x 255	22	-6460K
25 x 305	22	-6470K
25 x 355	22	-6480K
25 x 455	22	-6490K

Flat Chisel Set

Number of Pieces	Contents (mm)	Order Code KEN-505
3	6 x 150 12 x 200 18 x 255	-7150K
3	12 x 150 18 x 200 25 x 255	-7160K

Brick Bolster - Chrome Vanadium
Used for splitting bricks.

Width x Length (mm)	Octagon (mm)	Order Code KEN-505
75 x 240	22	-7030K
100 x 240	22	-7040K

Flooring - Chrome Vanadium
Used for prising floorboards and cutting part of the board prior to lifting.

Width x Length (mm)	Octagon (mm)	Order Code KEN-505
56 x 230	16	-7120K

KENNEDY QUALITY INDUSTRIAL TOOLING Protector Sleeves

Contoured high impact resistant plastic grips redirects the force of miss-hits safely away from your hands preventing injury. Suitable for use with octagonal cold chisels.

To Suit Octagon Size	Length (mm)	Order Code KEN-505
13mm	120	-9040K
16mm	120	-9050K
19mm	120	-9060K
22mm	120	-9070K

Half Round - Chrome Vanadium
Used for channelling concrete floors.

Width x Length (mm)	Octagon (mm)	Order Code KEN-505
6 x 150	12	-6620K
18 x 200	18	-6640K

Cross Cut - Chrome Vanadium
Used for channelling brickwork.

Width x Length (mm)	Octagon (mm)	Order Code KEN-505
6 x 150	12	-6720K
9 x 200	18	-6740K

Diamond Point - Chrome Vanadium
Used for channelling brickwork.

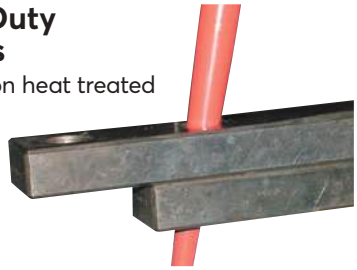
Width x Length (mm)	Octagon (mm)	Order Code KEN-505
8 x 200	18	-6840K

Plugging - Chrome Vanadium
For removing cement mortar from between bricks.

Width x Length (mm)	Octagon (mm)	Order Code KEN-505
5 x 255	16	-7100K

COLD CHISELS & PRY BARS

KENNEDY QUALITY INDUSTRIAL TOOLING Heavy Duty Pry Bars



Manufactured from forged carbon heat treated steel with ground points. These traditional designs are ideal for use by tradesmen in any industrial environment.

Rolling Head
Suitable for use in confined spaces.

Length x Width	Order Code KEN-505
150 x 10mm	-8400K
300 x 13mm	-8420K
450 x 16mm	-8440K

Line Type
Angled blade provides greater leverage.

Length x Section	Order Code KEN-505
400 x 16mm	-8520K
600 x 20mm	-8560K

Rolling Head Set

3 PIECES

Contents	Order Code KEN-505
150mm Rolling head 300mm Rolling head 450mm Rolling head	-8780K

Line Type Set

2 PIECES

Contents	Order Code KEN-505
400mm Line Type 600mm Line Type	-8770K

YAMOTO Chisel & Punch Set

Chrome Vanadium Steel
Contents:
Pin punches: 3/16" x 6", 3/32" x 4 1/4", 1/8" x 4 3/4", 3/16" x 5 1/4" and 1/4" x 5 3/4".
Centre punches: 5/32" x 5".
Chisels: 1/2" x 6", 5/8" x 6 1/2", 3/4" x 7 1/2" and 7/8" x 8".
Taper punches: 3/16" x 10", 7/32" x 10", 5/16" x 10" and 3/8" x 10".

14 PIECES

Order Code YMT-505
-9010K

KENNEDY QUALITY INDUSTRIAL TOOLING Plastic Handled Pry Bars

Made from square section chrome vanadium with ground points. Impact resistant plastic handles offer a more comfortable and secure grip to make these pry bars user friendly. Handles are oil and acid resistant.
Suitable for a wide range of general duty applications within the packing, automotive, maintenance and assembly industries.

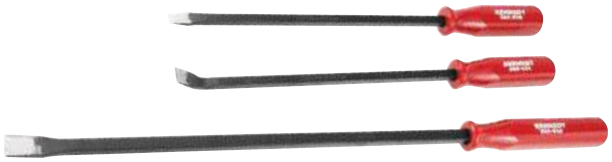
Straight Blade
For general duty usage.

Blade Length x Width	Order Code KEN-505
300 x 10mm	-8300K
450 x 13mm	-8320K

Curved Blade
The curved blade provides greater leverage.

Blade Length x Width	Order Code KEN-505
300 x 10mm	-8340K
450 x 13mm	-8360K
600 x 13mm	-8380K

Sets



Number of Pieces	Contents	Order Code KEN-505
3	300mm Straight 300mm Curved 450mm Curved	-8330K

KENNEDY QUALITY INDUSTRIAL TOOLING Spot Weld Chisel & Bar

The Right Angled Rascal Bar with three sharpened edges is designed to allow two-directional hammer use on quarter panels, rockers and any other pinchweld. The sharp end allows for penetration between the panels and the two lower edges allows for side impact to drive the panels apart. The chisel tip can be used for starting seam separation.

Features & benefits
- Easily separates hard-to-reach spot welded or bonded panels.
- 90° end for use in hard-to-reach pinchweld areas.
- Made from a super tough alloy steel.
- Will save the technician up to 15 minutes per panel replacement.

Order Code KEN-505
-1200K

KENNEDY QUALITY INDUSTRIAL TOOLING Wrecking & Pry Bars

Manufactured from heat treated carbon steel. Ideal for dismantling timber constructions, opening packing cases and removing nails (depending on the type of bar).

Chisel and V-Notch Wrecking Bar
For general dismantling and stripping applications, within a wide range of industries.

Length	Order Code KEN-505
450mm	-7180K
600mm	-7240K
750mm	-7300K

Detachable Bit

Scan the QR code

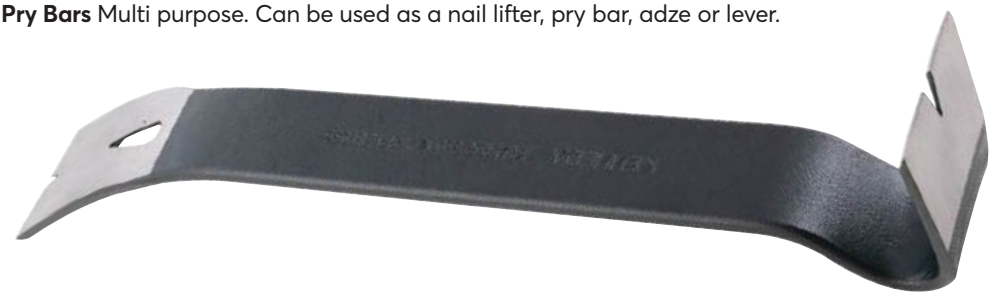
Chisel and Point Crowbar For heavy duty work.

Length x Width	Order Code KEN-505
900 x 38mm	-7360K
1200 x 42mm	-7480K
1500 x 42mm	-7600K

Heel and Point Crowbar For heavy duty dismantling.

Length x Width	Order Code KEN-505
900 x 38mm	-7690K
1180 x 42mm	-7720K
1500 x 45mm	-7750K

Super Lever Pry Bars Multi purpose. Can be used as a nail lifter, pry bar, adze or lever.



Length x Width	Order Code KEN-505
325 x 33mm	-8200K
375 x 33mm	-8250K

COLD CHISELS

SITESAFE Contractor Flat Cold Chisels

Manufactured from high quality octagonal chrome vanadium steel with a ground cutting edge, in accordance with **BS 3066**. For use on brickwork, masonry and cold metals.

Width x Length (mm)	Octagon (mm)	Order Code SSF-505
12 x 200	11	-1060K
12 x 200 c/w guard		-1070K
18 x 200	16	-1100K
18 x 200 c/w guard		-1110K
18 x 255	16	-1120K
18 x 255 c/w guard		-1130K
25 x 200	22	-1160K
25 x 200 c/w guard		-1170K
25 x 255	22	-1180K
25 x 255 c/w guard		-1190K
25 x 305	22	-1200K
25 x 305 c/w guard		-1210K

SITESAFE Contractor Electrician's Floor Chisels

Chrome vanadium - hardened and tempered cutting edge. For cutting the tongue in tongued and grooved floorboards.

-1360K

-1370K

Width x Length (mm)	Octagon (mm)	Order Code SSF-505
55 x 230	16	-1360K
55 x 230 c/w guard		-1370K

SITESAFE Contractor Cross Cut Chisel

Chrome vanadium - used for channelling brickwork.

Width x Length (mm)	Octagon (mm)	Order Code SSF-505
6 x 150	12	-1260K

SITESAFE Contractor Brick Bolster Chisels

Chrome vanadium - used for splitting bricks.

Width x Length (mm)	Octagon (mm)	Order Code SSF-505
75 x 230	22	-1300K
75 x 230 c/w guard		-1310K
100 x 230	22	-1320K
100 x 230 c/w guard		-1330K

KENNEDY QUALITY INDUSTRIAL TOOLING Scutch Holders Carbon Steel

Used for chasing out and general masonry work.

Width x Length (mm)	Octagon (mm)	Order Code KEN-505
38 x 200	18	-6870K

KENNEDY QUALITY INDUSTRIAL TOOLING I-Beam Spirit Levels

Lightweight aluminium body with powder coat finish. 1 horizontal, 2 vertical plumb vials. Shock absorbing end caps. Milled working faces for precise measurement. Beam structure makes it strong and durable.
Rule scale for ease of marking out.

Accuracy: 1.0mm/m

Length (mm)	Number of Vials	Order Code KEN-510
300 (12")	3	**-3620K**
400 (16")	3	**-3660K**
600 (24")	3	**-3740K**
900 (36")	3	**-3860K**
1000 (40")	3	**-3900K**
12600 (48")	3	**-3980K**

KENNEDY QUALITY INDUSTRIAL TOOLING Box Profile Spirit Levels

Lightweight aluminium body with powder coat finish. 1 horizontal, 2 vertical plumb vials. Shock absorbing end caps.
Milled working faces for precise measurement.

Accuracy: 0.75mm/m

Length (mm)	Number of Vials	Order Code KEN-510
600 (24")	3	**-4240K**
900 (36")	3	**-4360K**
1000 (40")	3	**-4400K**
1200 (48")	3	**-4480K**
15000 (60")	3	**-4600K**

KENNEDY PROFESSIONAL Box Section Spirit Levels

Extruded aluminium body. Powder coated finish. Three high visibility vials: horizontal, plumb and 45°. Two rubberised handle grips and two milled working faces.
Accuracy: 0.5mm/m.

Length (mm)	Number of Vials	Order Code KEN-510
300 (12")	3	**-3300K**
600 (24")	3	**-3360K**
800 (32")	3	**-3380K**
1000 (40")	3	**-3400K**
1200 (48")	3	**-3420K**
1800 (72")	3	**-3480K**

SENATOR QUALITY TOOLING ABS Plastic Girder Section Level

Manufactured from impact resistant ABS plastic.
Three vials horizontal, vertical and 45°.
Metric and Inch graduated face.

Accuracy: 1mm/1000mm.

Length (mm)	Number of Vials	Weight each	Order Code SEN-510
610 (24")	3	290g	**-2240K**

SENATOR QUALITY TOOLING Torpedo Level

With magnetic base. Made from impact resistant ABS plastic.
Three vials horizontal, vertical and 45°.

Accuracy: ±1.0mm/m.

Length	Weight each	Order Code SEN-510
230 (9")	140g	**-2090K**

KENNEDY QUALITY INDUSTRIAL TOOLING Boat Levels

Construction Boat Level
Die-cast aluminium frame with a milled measuring face for accuracy. 1 vertical, 1 horizontal vial for normal and upside down measuring. A very popular level with scaffolders. Includes leather belt pouch.

Accuracy: 1.0mm/m.

-0100K

-0160K

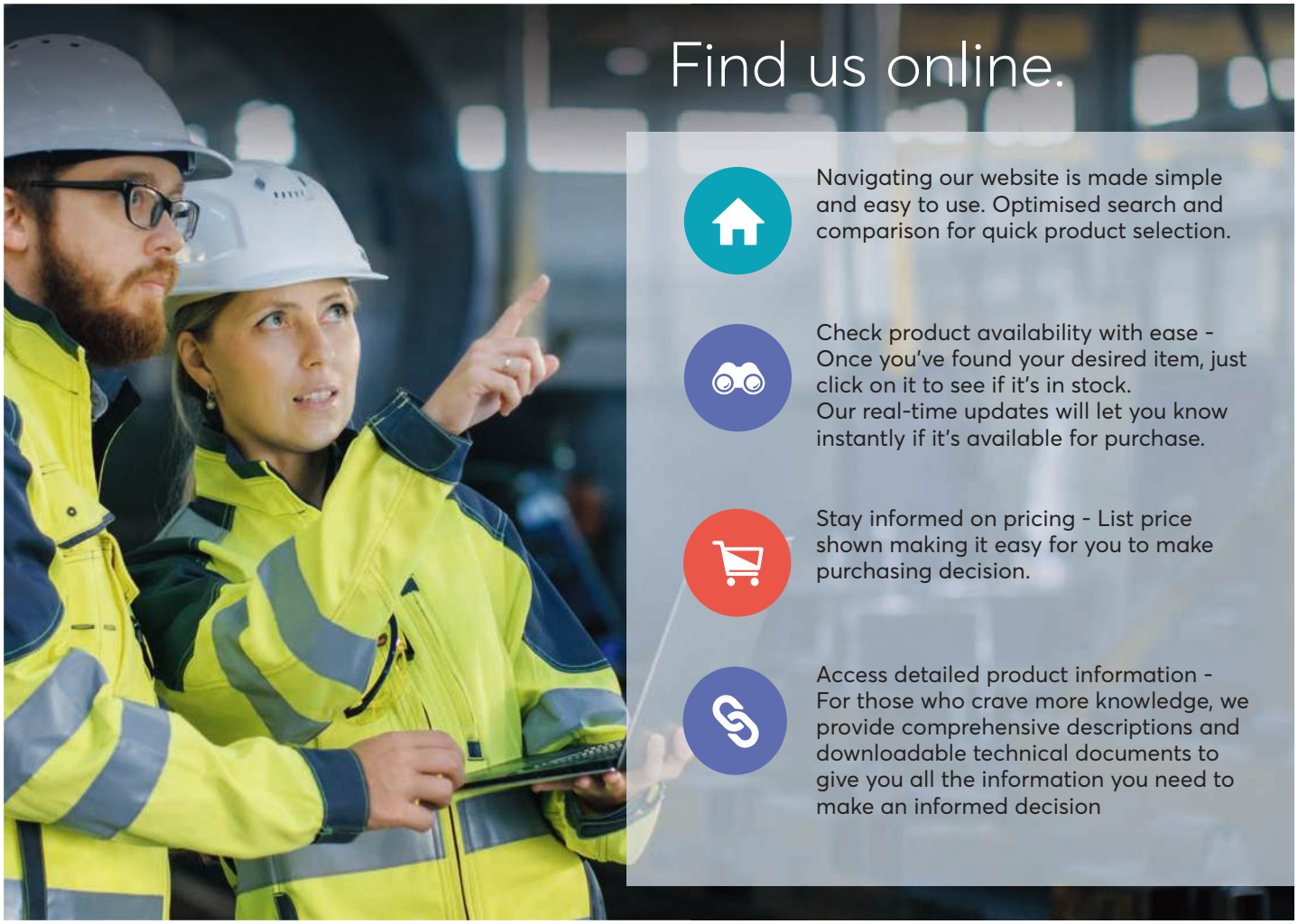
Base Type	Length (mm)	Weight each	Order Code KEN-510
Non-magnetic	250 (10")	185g	**-0100K**
Magnetic	250 (10")	185g	**-0160K**

KENNEDY QUALITY INDUSTRIAL TOOLING Magnetic Post Levels

Made from hard wearing plastic this special level designed to ensure both square and round posts are upright prior to permanent fixing. The right angle plate has two horizontal vials and one vertical vial with flush magnets for metal posts and an integrated elastic fixing strap for other materials.

Accuracy: ±1.0mm/m.

Overall Size	Weight each	Order Code KEN-510
80 x 123mm	87g	**-2800K**



KENNEDY PROFESSIONAL Plasterer's Bath

Manufactured from polyethylene, unbreakable. Guaranteed not to rot, rust, crack or distort. Strong, light and easily carried.

Capacity	Order Code KEN-512
165ltr	-3000K

SITESAFE Builder's Flexible Bucket

Extremely versatile and virtually indestructible. it can be used for mixing plaster or cement, moving rubble and various other jobs around a building site.

Size	Order Code SSF-512
Yellow Buckets	
26ltr	-2980K
40ltr	-3000K
75ltr	-3040K
Blue Buckets	
26ltr	-3080K
42ltr	-3100K

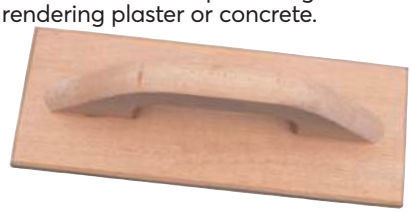
KENNEDY QUALITY INDUSTRIAL TOOLING Adhesive Trowel

High quality moulded and contoured handle. Large base with two coarse pitched edges and two fine pitched edges. Suitable for use with all tile and carpet adhesives.

Size	Weight per 10	Order Code KEN-512
270 x 110mm	190g	-0400K

KENNEDY QUALITY INDUSTRIAL TOOLING Wooden Skimming Float

Manufactured from selected timber. Ideal for producing a sandy surface finish when rendering plaster or concrete.



Size	Weight per 10	Order Code KEN-512
290 x 100mm	190g	-0950K

KENNEDY PROFESSIONAL Paint & Plaster Mixer

Used for mixing plaster, concrete, filler, epoxy resin, emulsion paint and wallpaper paste.
The stirring end should be fully immersed before the shaft is turned.

Light duty shaft: 8mm hex.
Overall length: 400mm.
Heavy duty shaft: 12mm hex.
Overall length: 600mm.

Shaft	Weight per 10	Order Code KEN-512
Light Duty	680g	-2780K
Heavy Duty	860g	-2800K

KENNEDY PROFESSIONAL Plasterer's Trowel

Aluminium shank single tang banana pattern. Six rivet construction 'cross ground' to prevent drag. For laying on and finishing plaster. Manufactured to the high standards expected by today's trade.

Size	Weight per 10	Order Code KEN-512
280mm (11")	4.00kg	-0100K

SENATOR QUALITY TOOLING Plasterer's Trowel

Economy
Single tang, banana shaped handle with six concealed welded rivets to securely fix 'cross ground', hardened and tempered blade.

Size	Weight per 10	Order Code SEN-512
280mm (11")	4.60kg	-0100K

SENATOR QUALITY TOOLING Broad Heel Brick Trowel, 12in.

- Varnished hardwood handle
- Carbon steel blade provides unrivaled strength and durability
- Clean the trowel with water and thoroughly dry off after use
- Lightly oil the blade before storing in a cool dry location

Overall Length	Order Code SEN-512
300mm	-0065R

KENNEDY QUALITY INDUSTRIAL TOOLING Plumb Bobs

Corrosive resistant epoxy coated with brass screw cap. For establishing vertical datum line without the use of a level.

Weight each	Order Code KEN-512
5oz	-2050K
10oz	-2100K

KENNEDY QUALITY INDUSTRIAL TOOLING Line Pins

Construction quality, hand, chrome plated line pins. Supplied in pairs.

Size	Weight	Order Code KEN-512
150mm (6")	140g	-2160K

SENATOR QUALITY TOOLING Pointing Trowel

Ground polished, hardened and tempered high carbon steel alloy blade, high angle handle. Chromed ferrule holds the forged tang firmly. London pattern, a smooth rounded end wooden handle with integral tang.

Overall Length	Width	Order Code SEN-512
150mm (6")	75mm	-0020K

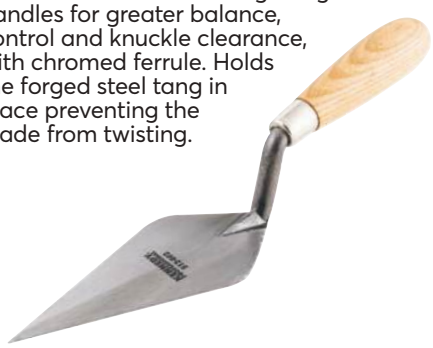
KENNEDY PROFESSIONAL London Pattern Brick Trowel

- Blade is manufactured from high carbon steel for ultimate durability
- Hardened and ground with a polished finish for highly accurate working
- Tapered blade is designed to remain rigid all the way to the tip for superb control
- Handle is constructed from wood, polished and varnished for bolstered user comfort and grip
- Chromed ferrule effectively holds the tang in place to prevent the blade from twisting

Width	Overall Length	Order Code KEN-512
140mm	254mm	-0060K

KENNEDY PROFESSIONAL Professional Pointing Trowel

Made from high carbon tempered and hardened steel with a ground and polished finish. Tapered to remain rigid to the tip. Polished and varnished high angle handles for greater balance, control and knuckle clearance, with chromed ferrule. Holds the forged steel tang in place preventing the blade from twisting.



Overall Length	Width	Order Code KEN-512
150mm (6")	75mm	-0020K

SENATOR QUALITY TOOLING Gauging Trowel

London pattern, a smooth rounded end wooden handle with integral tang.

Overall Length	Width (mm)	Order Code SEN-512
180mm (7")	90	-0040K

KENNEDY QUALITY INDUSTRIAL TOOLING Double Ended Brick Jointer

Heavy duty steel. Used to produce ½" and ⅝" concave joints between bricks.

Overall Length	Order Code KEN-512
580	-0440K

KENNEDY QUALITY INDUSTRIAL TOOLING Brick Jointer

Suitable for half round finishing of the joints between bricks. London pattern smooth wooden handle with integral tang.

Size	Weight per 10	Order Code KEN-512
150 x 12mm	1.50kg	-0420K

Standard Industrial Terminals

Durable low cost copper or brass connectors. Manufactured as single piece connectors. Electro tinned to protect from corrosion.
Insulated with flared entry, colour coded vinyl sleeves.
All disconnect terminals supplied with anti-vibration copper sleeve.
Push-on Female and Male Tab Connector Terminals
Pack quantity: 100.

Type	Colour	Tab Size (mm)	Order Code KEN-515
Push-on	Red	6.3 x 0.8	-3000K
	Blue	6.3 x 0.8	-3010K
	Yellow	6.3 x 0.8	-3020K
Tab	Red	6.3 x 0.8	-3700K
	Blue	6.3 x 0.8	-3710K
	Yellow	6.3 x 0.8	-3720K

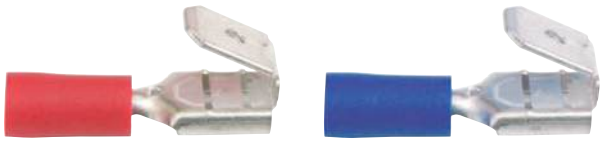
Push-on Fully Insulated Female Connector Terminals

Pack quantity: 100.

Type (Female)	Colour	Tab Size (mm)	Order Code KEN-515
Push-on	Red	6.3	-1520K
	Blue	6.3	-1500K
	Yellow	6.3	-1540K

Push-on Piggy Back Terminals

Pack quantity: 100.



Type (Female)	Colour	Tab Size (mm)	Order Code KEN-515
Push-on	Red	6.3	-3730K
	Blue	6.3	-3740K

Heat Shrink Tubing Kits

Suitable for connecting, end handling, electric wire insulating and harnessing, corrosion proofing metal rods and tubes, antenna protection. Made from halogen-free environmentally friendly polyolefin which is flame retardant and RoHS compliant. It's operating temperature is from 55°C to 125°C and shrinking starts at 70°C and becomes totally shrunk at 110°C. It's shrink ratio is 2:1 and has a maximum electrical rating of 600V. Assorted colours. For use with heat guns and gas torches.

-6800K

-6900K

-6910K

Number of Pieces	Tube Dia. (mm)	Order Code KEN-515
32	4.8 (16), 6.4 (12), 9.5 (4)	-6800K
171	2 - 18 (Assorted)	-6900K
181	2 - 9 (Assorted)	-6910K

Blade Connector Terminals

Pack quantity: 100.

Type	Colour	Size (mm) Dia. x L	Order Code KEN-515
Blade	Red	2.3 x 10.4	-2000K
	Red	1.9 x 18.4	-2010K
	Blue	2.8 x 9.0	-2050K
	Blue	2.3 x 18.4	-2060K
	Yellow	2.8 x 10.0	-2100K

Fork and Ring Connector Terminals

Pack quantity: 100.

Type	Colour	Tab Size (mm)	Order Code KEN-515
Fork	Red	3.2	-2200K
	Red	4.0	-2220K
	Red	5.0	-2230K
	Red	6.0	-2240K
Fork	Blue	3.2	-2260K
	Blue	4.0	-2280K
	Blue	5.0	-2290K
	Blue	6.0	-2300K
Fork	Yellow	3.0	-2320K
	Yellow	4.0	-2330K
	Yellow	5.0	-2340K
	Yellow	6.0	-2350K
Ring	Red	3.0	-2400K
	Red	4.0	-2420K
	Red	5.0	-2430K
	Red	6.0	-2440K
	Red	8.0	-2450K
	Red	10.0	-2460K
Ring	Blue	4.0	-2520K
	Blue	5.0	-2530K
	Blue	6.0	-2540K
	Blue	8.0	-2550K
	Blue	10.0	-2560K
	Blue	12.0	-2570K
Ring	Yellow	3.0	-2600K
	Yellow	4.0	-2620K
	Yellow	5.0	-2630K
	Yellow	6.0	-2640K
	Yellow	8.0	-2650K
	Yellow	10.0	-2660K
	Yellow	12.0	-2670K

Butt Connector Terminals

Pack quantity: 100.

Type	Colour	Pack Quantity	Order Code KEN-515
Butt	Red	100	-2900K
	Blue	100	-2910K
	Yellow	100	-2920K

Female Socket and Male Bullet Connector Terminals

Pack quantity: 100.

Type	Colour	Bullet Dia. (mm)	Order Code KEN-515
Socket	Red	4.0	-3100K
	Blue	4.0	-3110K
	Blue	5.0	-3120K
	Yellow	5.0	-3130K
Bullet	Red	4.0	-3500K
	Blue	4.0	-3510K
	Blue	5.0	-3520K
	Yellow	5.0	-3530K

KENNEDY QUALITY INDUSTRIAL TOOLING Multi-Purpose Crimping Plier Kit

Made from heavy gauge carbon steel heat treated to HRa 65/70. Chemically blackened with cushion grip handles for operator comfort.
Kit comes complete with 100 assorted insulated and non-insulated terminals in a neat plastic see through box.

Strip range: 0.75 - 6.
Crimp/cut capacity: 1.5 - 16mm.

100 PIECES

Description	Order Code KEN-515
Plier only	-5050K
100 Piece Kit	-5090K

KENNEDY QUALITY INDUSTRIAL TOOLING Terminals - Spades/ Bullets/Butt Connectors

Contents:
Butt connectors: red, blue and yellow.
Spade connectors (push-on female): 6.3mm - red, blue and yellow.
Female bullet connectors: 4mm - red, and blue.
Male bullet connectors: 4mm - red and blue.
Average quantity: 240 pieces.

Average Quantity	Weight each	Order Code KEN-515
240	0.40kg	-5610K

KENNEDY QUALITY INDUSTRIAL TOOLING Terminals - Rings/Forks

Red ring 4BA, 2BA and ¼. Blue ring 2BA, ¼ and 5/16.
Yellow ring ¼, 5/16 and ⅜. Spade blue, red and yellow.
Average quantity: 300 pieces.

Average Quantity	Weight each	Order Code KEN-515
300	0.60kg	-5620K

KENNEDY QUALITY INDUSTRIAL TOOLING 5-Way Stripping & Crimping Kit

240mm heavy gauge hardened carbon steel wire crimper with anvil action cutters and PVC grip.

Insulation terminals: 1.5mm, (red), 2.5mm, (blue) and 6.0mm, (yellow).
Wire cutters: M2.6, M3.0, M3.5, M4.0 and M5.0mm.
Non insulated terminals: 1.5mm, 2.5mm, 4.0 - 6.0mm.
Wire strippers: 0.75, 1.0, 1.5, 2.5, 4.0 and 6.0mm.
Kit Contents: 40mm 5-Way Crimping Tool.
Blade connectors:
red - 2.3 x 10.4mm, blue - 2.8 x 9.0mm.
Push-on spade connectors - male:
red - 6.3 x 0.8mm, blue - 6.3 x 0.8mm.
Push-on spade connectors - female:
red - 6.3 x 0.8mm, blue - 6.3 x 0.8mm.
Butt connectors:
red - 0.5 x 1.5mm², blue - 1.5 x 2.5mm².
Bullet connectors -
red - 4.0mm², blue - 4.0mm².
Bullet connectors - female:
red - 4.0mm, blue - 4.0mm.
Fork connectors:
red - 4.0mm, blue - 4.0mm, yellow - 4.0mm.
Ring connectors:
red - 4.0mm, blue - 4.0mm, yellow - 6.0mm.

male:

361 PIECES

Pieces	Order Code KEN-515
361	-5530K

KENNEDY QUALITY INDUSTRIAL TOOLING Heavy Duty Ratchet Crimping Tool Kit

Heavy duty 220mm ratchet crimper with a selection of pre-insulated red, blue and yellow electrical connector terminals, cable ties and insulation tape.
Ratchet crimper has laminated steel jaws with strengthened PVC handle grips.
Suitable for crimping insulated terminals as follows: red channel: 0.5 - 1.00mm, blue channel: 1.5 - 2.5mm, yellow channel: 4.0 - 6.0mm.
Supplied in a fitted case with slide locking clips and handle.

Kit contents: Heavy duty ratchet crimper, black insulation tape (19mm x 9m), black cable ties (2.5 x 100mm).
Ring connectors: red - 3.7, 4, 5mm, blue - 3.7, 4, 5, 6mm, yellow - 4, 5mm.
Butt connectors: red - 1.5 x 1.5mm², blue - 1.5 x 2.5mm².
Push-on spade connectors - male: red, blue, yellow - 6.3 x 0.8mm.
Push-on spade connectors - female: red, blue, yellow - 6.3 x 0.8mm.
Push-on spade covered connectors - female: red, blue - 6.3 x 0.8mm.
Push-on piggy back connectors - female: red, blue - 6.3 x 0.8mm.
Bullet connectors - male: red, blue - 4mm.
Bullet connectors - female: red, blue - 4mm.

552 PIECES

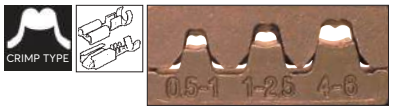
Pieces	Order Code KEN-515
552	-5540K

Uninsulated Terminal Crimp Tool

Full cycle ratcheting crimp frame and adjustable crimp pressure.

- Carbon steel jaws with a chemically blacked finish
- PVC handles

Tab width: 6.3mm.
Capacity: 0.5 - 1.0, 1.0 - 2.5 and 4.0 - 6.0mm².



Order Code KEN-515
-5400K

Model Number	Order Code KEN-515
Replacement Jaws	-6400K

Uninsulated Terminal Crimp Tool

Full cycle ratcheting crimp frame and adjustable crimp pressure.

- Carbon steel jaws with a chemically blacked finish
- PVC handles

Capacity: DIN 1 - 2, 6, 10 and 16mm².
AWG 14, 10, 8 and 6.

Order Code KEN-515
-5420K

Model Number	Order Code KEN-515
Replacement Jaws	-6420K

Ferrule Crimp Tool

Full cycle ratcheting crimp frame and adjustable crimp pressure.

- Carbon steel jaws with a chemically blacked finish
- PVC handles.

Model 5200K
Capacity: 0.5, 0.75, 1.0, 1.5, 2.5 and 4mm².
AWG 20, 18, 17, 16, 13 and 11.

Model 5210K
Capacity: 6, 10 and 16mm².
AWG 10, 8 and 6.

Capacity	Order Code KEN-515
0.5-4mm	-5200K
6-16mm	-5210K

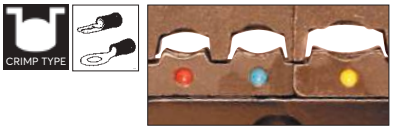
Model Number	Order Code KEN-515
Replacement Jaws (-5200K)	-6200K
Replacement Jaws (-5210K)	-6300K

Insulated Terminal Crimp Tool

Model 5220K
Full cycle ratcheting crimp frame and colour coded jaws.

- Adjustable and preset crimp pressure
- Carbon steel, hardened and tempered jaws
- chemically blacked finish and PVC handles

Capacity:
Red: 0.5 - 1.5mm², AWG 20 - 16.
Blue: 2.5mm², AWG 14.
Yellow: 4.0 - 6.0mm², AWG 12 - 10.



Order Code KEN-515
-5220K

Model Number	Order Code KEN-515
Replacement Jaws	-6220K

Replacement Jaw for Crimping Tools

- To suit Kennedy ratcheting frame crimping tools.

TCF016
Capacity: 6mm² - 16mm²

Compatible Connector	Overall Length	Order Code KEN-515
Ferrule Terminal	40mm	-6300K

Coaxial Crimp Tool

Full cycle ratcheting crimp frame and adjustable crimp pressure.

- Carbon steel jaws with a chemically blacked finish
- PVC handles

Suitable for RG cable: 6, 58, 59 and 62. Hexagonal crimp of 1.72, 2.5, 5.4, 6.48 and 8.22mm.

Order Code KEN-515
-5340K

Product Type	Order Code KEN-515
Replacement Jaws	-6340K

Modular Plug Crimp Tool

Complete with wire cutting and stripping facilities.

- Manufactured from hardened and tempered carbon steel
- Chemically blacked finished and tempered jaws
- PVC handles

Capacity: 8P8C/RJ-45, 6P/RJ-12, RJ-11 and 6P2C.

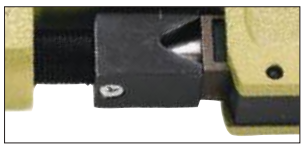
Order Code KEN-515
-5460K

Heavy Duty Crimp Tool

For uninsulated terminals.

- Tool steel jaws
- Manufactured from ductile iron

Capacity: cable lugs: 10mm² - 95mm². Aluminium AWG to 4/0. Copper 8WG to 250 MCM.



Order Code KEN-515
-5440K

Product type	Order Code KEN-515
Replacement Jaws	-6440K

Adjustable Ratchet Crimping Tool Set, 8 Pieces

- Soft grip handles bolster user comfort and control when using
- Manufactured from heat treated steel and a zinc phosphated surface finish making for a durable product
- Tension adjustment wheel allows you to set and adjust tension
- Ratchet handle allows the user to exert a consistent pressure
- Quick-release jaw changing is tool free to get you back working swiftly
- Supplied with 7 easy change jaws to allow you to customise the tool to suit your needs
- Comes in a plastic moulded carry case to easily store your tools

No. Pieces	Order Code KEN-515
8	-5740K

Replacement Jaws For Crimping Tools

To suit Kennedy ratchet frame crimping tools.

- Replacement jaws for KRC05 and KRC07

Crimp Type	Order Code KEN-515			
Insulated Terminals 0.5mm² - 6.0mm²	-5100K	CRIMP TYPE		
Non-Insulated Terminals 1.5mm² - 10mm²	-5110K	CRIMP TYPE		
Open Barrel Terminals 0.5mm² - 0.6mm²	-5120K	CRIMP TYPE		
Cord End Terminals Small AWG 0.5mm² - 4.0mm²	-5130K	CRIMP TYPE		
RG Type Coaxial Cable Connectors RG58-6/6.48-mm	-5140K			

EDISON Black Cable Ties

- Suitable for securing or retaining cable pipe bundles and objects of various shapes and sizes
- High quality nylon: UL approved poly-amide 6.6, 94V-2
- Heat resistant up to 85°C
- Flame-retardant
- Supplied in a pack of 100
- Dimensions are approximate
- Nylon
- Black

PACK OF 100

Length mm	Width mm	Pack Qty	Order Code EDI-515
100	2.5	100	**-0000K**
160	2.5	100	**-0010K**
200	2.5	100	**-0020K**
140	3.6	100	**-0100K**
200	3.6	100	**-0110K**
300	3.6	100	**-0120K**
370	3.6	100	**-0130K**
120	4.8	100	**-0200K**
200	4.8	100	**-0210K**
300	4.8	100	**-0220K**
370	4.8	100	**-0230K**
430	4.8	100	**-0240K**
200	7.6	100	**-0300K**
300	7.6	100	**-0310K**
370	7.6	100	**-0320K**
450	7.6	100	**-0330K**
530	9.0	100	**-0400K**
780	9.0	100	**-0410K**
580	12.7	100	**-0500K**

EDISON Natural Cable Ties

- Suitable for securing or retaining cable pipe bundles and objects of various shapes and sizes
- High quality nylon: UL approved poly-amide 6.6, 94V-2
- Heat resistant up to 85°C
- Flame-retardant
- Supplied in a pack of 100
- Dimensions are approximate
- Nylon
- Natural

PACK OF 100

Length mm	Width mm	Pack Qty	Order Code EDI-515
2.5	100	100	**-1000K**
2.5	160	100	**-1010K**
2.5	200	100	**-1020K**
3.6	140	100	**-1100K**
3.6	200	100	**-1110K**
3.6	300	100	**-1120K**
3.6	370	100	**-1130K**
4.8	120	100	**-1200K**
4.8	200	100	**-1210K**
4.8	300	100	**-1220K**
4.8	370	100	**-1230K**
4.8	430	100	**-1240K**
7.6	200	100	**-1300K**
7.6	300	100	**-1310K**
7.6	370	100	**-1320K**
7.6	450	100	**-1330K**
9.0	530	100	**-1400K**
9.0	780	100	**-1410K**
12.7	580	100	**-1500K**

KENNEDY QUALITY INDUSTRIAL TOOLING Cable Tie Gun

Steel jaws grip the cable with trigger action for rapid tightening, tensioning and trimming, ideal for production environments.

Capacity: 2.4 to 4.8mm width.

Capacity (mm²)	Order Code KEN-516
2.4 - 4.8	**-8400K**

EDISON Assorted Cable Tie Sets

Sets of single diameter and mixed diameter (both in packs of assorted lengths).

dIA	Pack Size	Order Code EDI-515
	Black	
Mix mm	600	**-3100K**
2.5mm	300	**-3110K**
3.6mm	400	**-3120K**
4.8mm	500	**-3130K**
	Natural	
Mix mm	600	**-3200K**
2.5mm	300	**-3210K**
3.6mm	400	**-3220K**
4.8mm	500	**-3230K**

KENNEDY QUALITY INDUSTRIAL TOOLING Magnetic Cable Guider

An innovative tool for inserting cables through brick walls, cavity walls, studwork etc.
Tested by major utilities - saves hours of engineer's time.
Includes three adaptors for 3.7 to 5.9mm cable diameters.
Drill bit not included.

Push through cable guider

Attach to guider and pull back through

NOT FOR USE WITH LIVE CABLES!

Type	Order Code KEN-516
Cable Guider	**-9600K**
Caps (Pk 6)	**-9620K**

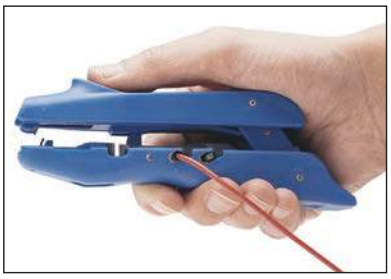
CABLE & WIRE STRIPPING TOOLS

KENNEDY QUALITY INDUSTRIAL TOOLING Wire Stripper, Cutter & Crimper

Duo Crimp
Combined stripping and crimping tool. Stripping tool adjusts automatically to the diameter of the wire.

Wire diameter range: 0.5 - 6.0mm². Two crimping ranges are available 0.5 - 1.5mm² and 2.5 - 6.0mm².
Complete with side wire cutter.

Overall length: 155mm.



Capacity (mm²)	Weight each	Order Code KEN-516
0.5 - 6.0	150g	**-8520K**

KENNEDY QUALITY INDUSTRIAL TOOLING Multi-Stripper PLUS

Cable stripper for round and continental type cables of 8 - 13mm dia (e.g. NYM 3x 1.5mm up to 5x 2.5mm²).
Flush stripping even in hard-to-reach areas, e.g. ceiling and wall areas, junction and distribution boxes, switch cabinets, etc.
The ergonomic tool design providesa sure grip and safe handling.
Needs no adjustment of the cutting depth.

Capacity (mm²)	Order Code KEN-516
0.5 - 6.0	**-8300K**

SENATOR QUALITY TOOLING Automatic Wire Stripper

For stripping single core wire up to 6mm diameter.
Also with bypass action cutting blades for wire up to 6mm diameter.

Capacity (mm²)	Order Code SEN-516
6.0	**-8240K**

KENNEDY QUALITY INDUSTRIAL TOOLING Mains Testers

With heavy duty one-piece moulded insulation sheaths covering both blade and transparent plastic handle for extra protection and safety.
Will detect 'live' electricity supply.
Suitable for AC to 125 - 250V. 3mm wide tip.
Conforms to **DIN VDE 0680 part 6:1977-04** .

Blade Length	Cap Type	Weight per 12	Order Code KEN-515
150mm	Plastic	210g	**-0500K**
190mm	Plastic	400g	**-0550K**

KENNEDY QUALITY INDUSTRIAL TOOLING Electrician's Shears

For use on soft cable up to 22mm² diameter, can also be used for stripping, cutting insulation materials, electrical tape and cable ties. Stainless steel blades with hardened edge with vanadium and molybdenum for long lasting edge.
HRC58-60 with one cutting edge serrated to reduce slipping and notched blade for tough and large diameter cuts.
Tough, lightweight nylon handles.
Supplied with handy clip-on belt pouch.

Cutting length: 45mm (1¾").

Length (mm)	Weight each	Order Code KEN-516
140	150g	**-6400K**

Super Wire Stripper & Cutter

Fully insulated for all stranded and solid conductors from 0.2 to 6mm². Automatically adjusts to the diameter of wire. Reinforced polymide construction.

Overall length: 195mm.

Capacity (mm²)	Order Code KEN-516
0.2 - 6.0	-7970K

Cable Strippers

Durable plastic bodies with hardened and ground sharpened steel blades with precise depth of cut adjustment. Spring loaded safety cover, covers the blade when not in use. For standard and solid conductors. Hardened steel blades.

-7900K
For stripping of all common round cables of 4 - 16mm. Wire stripper adjusts automatically to diameter of wire to allow quick and accurate stripping. Stripping blades are made from hardened steel.

Overall length: 125mm.

-7910K
For stripping of all common round cables of 4 - 28mm. Wire stripper adjusts automatically to diameter of wire to allow quick and accurate stripping. Stripping blades are made from hardened steel.

Overall length: 130mm.

-7920K
Complete with hook knife for splitting flat and ribbon cables along its length.

Overall length: 170mm.

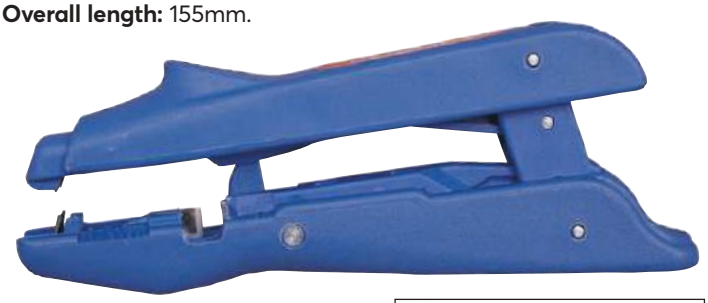
	Capacity (mm²)	Weight each	Order Code KEN-516
	4.0 - 16.0		-7900K
	8.0 - 27.0		-7910K
	4.0 - 28.0		-7920K
	Spare blade suit		
7900K, 7910K, 7920K		125g	-7950K

Wire Stripper & Cutter

Unique self-adjusting cutting action for rapid repeatable wire stripping. Hardened and tempered ground steel blades housed in durable plastic bodies contoured to fit comfortably into the hand for extended periods of use encountered in electrical assembly industries.

Mini-Duo Wire Stripper & Cutter
Fully insulated wire stripper for all common stranded and solid conductors of 0.5 - 6.0mm². Adjusts automatically to diameter of wire. Blades are made from hardened steel.

Overall length: 155mm.



Capacity (mm²)	Order Code KEN-516
0.5 - 6.0	-7980K

SENATOR QUALITY TOOLING Soldering Irons

Supplied with a double flat nickel plated tip, 1.2m power lead and 3 amp three pin plug. Manufactured to **BS EN 60335-2-45**.

Wattage	Tip Style	Voltage	Order Code SEN-516
40W	6mm Offset	230V	**-2240K**

KENNEDY QUALITY INDUSTRIAL TOOLING Butane Soldering Iron Tips

Interchangeable tips for use with Kennedy® butane soldering tools.

2.4 to 4.8mm Double Flat Tip | **Hot Air Blower Tip** | **Hot Knife Tip** | **Flame Tip**

To Suit BS075 Soldering Iron

Type	Size (mm)	Order Code KEN-516
Double Flat Tip	2.4	**-9140K**
	3.2	**-9150K**
	4.8	**-9160K**
Hot Air Tip		**-9170K**
Flame Tip		**-9180K**
Hot Knife Tip		**-9190K**

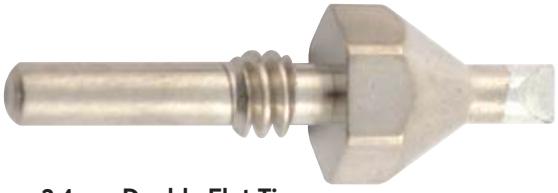
KENNEDY QUALITY INDUSTRIAL TOOLING Butane Soldering Tool Kit

Supplied in a robust plastic case.
Contents: BS075 butane soldering iron, tip cleaning sponge, tray and stand. Five interchangeable tips: 2.4 & 4.8mm double flat, flame, hot air blower and hot air deflector.

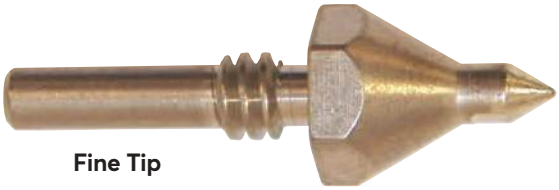
Weight each	Order Code KEN-516
280g	**-9120K**

KENNEDY QUALITY INDUSTRIAL TOOLING Butane Soldering Iron Tips

Interchangeable tips for use with Kennedy® butane soldering tools.



2.4mm Double Flat Tip



Fine Tip

Hot Knife Tip

To Suit BS050 Soldering Iron

Type	Size (mm)	Order Code KEN-516
Double Flat Tip	2.4	**-9050K**
Fine Tip		**-9060K**
Hot Knife Tip		**-9070K**

KENNEDY QUALITY INDUSTRIAL TOOLING Butane Soldering Tool

Piezo self ignition. Uses standard butane lighter fuel and is simple to refill. Fully adjustable tip temperature control with a safety fuel cut-off when cap is replaced. Textured anti-slip barrel with built-in stand for anti roll. Supplied with pointed soldering tip. Can be used with single flat, double flat, hot air, hot air deflector and hot knife, can also be used as a blow torch. Supplied without fuel.

Power rating: 50W
Soldering temperature: 375°C
Run time: 60 minutes
Overall length with cap: 195mm
Overall length with soldering tip: 180mm

-9100K

-9300K

Power rating: 25W - 125W
Soldering temperature: 580-1300°C
Run time: 60 minutes
Overall length with cap: 235mm
Overall length with soldering tip: 230mm

Weight each	Order Code KEN-516
100g	**-9100K**
145g	**-9300K**

KENNEDY QUALITY INDUSTRIAL TOOLING Professional Desoldering Tool

DSGPRM
Anodised aluminium body and steel plunger for professional use. With extraction spring located outside of the vacuum chamber and PTFE nozzle to prevent solder sticking. With safety shield.
Nozzle size: 3mm OD x 1.5mm, ID x 20mm long.

Size (mm)	Weight each	Order Code KEN-516
190 x 20	60g	**-8500K**

KENNEDY QUALITY INDUSTRIAL TOOLING Butane Soldering Iron Tips

Interchangeable tips for use with Kennedy® butane soldering tools.

Single Flat Tip | **1.0 to 4.8mm Double Flat Tip** | **Hot Air Blower Tip** | **Hot Air Deflector** | **Hot Knife Tip**

To Suit BS125 Soldering Iron

Type	Size (mm)	Order Code KEN-516
Single Flat Tip	2.4	**-9340K**
Double Flat Tip	1.0	**-9350K**
	2.4	**-9360K**
	3.2	**-9370K**
	4.8	**-9380K**
Hot Air Blower Tip		**-9390K**
Hot Air Deflector		**-9400K**
Hot Knife Tip		**-9410K**

KENNEDY QUALITY INDUSTRIAL TOOLING Multi Angle Vice

Aluminium vice with a two position lockable ball joint, cast steel clamp and swivel mechanism. Horizontal/vertical grooved jaw is designed to hold irregular shaped objects. Removable jaw rubber covers for protecting delicate components.
Will clamp to surfaces of 5 to 50mm thickness.

Jaw width: 74mm.
Upright: rotates through 360° and the vice can swivel between 45° and 135°.
Right angles: vice can be rotated through 360°.

Jaw Capacity	Weight each	Order Code KEN-516
60mm	930g	**-2000K**

KENNEDY QUALITY INDUSTRIAL TOOLING Helping Hands

Ideal for precision soldering, wiring and model making applications. With 10 movable joints for universal adjustment. 50mm diameter x 2.5 magnification. Two spring loaded crocodile clips for holding objects up to 8mm thick. Solid cast iron base for stability. All other metal parts are chrome plated and corrosion resistant.

Mag.	Mirror Size	Order Code KEN-516
2.5x	50mm Dia.	**-1800K**

KENNEDY QUALITY INDUSTRIAL TOOLING Butane Soldering Tool Kit

Butane soldering iron complete with 5 tip attachments, cleaning sponge and safety stand.

Kit contents: 1x butane soldering iron. 5x tip attachments: 2.4mm and 4.8mm double flat, hot knife, hot air blower and hot air deflector. 1x cleaning sponge, 1x safety stand.

Number of Pieces	Weight each	Order Code KEN-516
8	460g	**-9320K**

LA-1011 2-in-1 Network Tester & Multimeter

The tester is a designed and very practical tester that can easily read the correct pin configuration 10 Base-T (Category 5), 10 Base-2 cable (coax), RJ45/RJ11 modular cables, 356A, TIA-568A/5688 and Token Ring cable by comparing one transmitting end to the corresponding receiving end.

By purchasing the remote kit the tester can test cables installed far away either on wall plate or patch panel. It is easy to verify the cable continuity, open, short and cross connect. It is affordable, so you can benefit the most.

Max. Voltage: 600V .
Max. DC voltage: 600V.
Max. AC current: 0.2A.
Max. DC Current: 0.2A..

Model Number	Order Code OXD-516
LA-1011	-0225E

DT-2008 High Accuracy Digital Multimeter

Within the DT-2008 range of multimeters you will find direct reading multimeters and non-contact reading multimeters. Ideal for electrical troubleshooting and straightforward environmental testing in residential and commercial environments.

AC/DC voltage:
700V and 1000V.
AC/DC current: 20A.
Resistance: 20MΩ.
Capacitance: 200µF.
Frequency: 20kHz.
Temperature:
760°C / 1400°F.
Diode Check:
Open Voltage 2.8 V dc.
Continuity Test:
Threshold 30Ω.
Dimensions:
195mm x 92mm x 38mm

Model Number	Order Code OXD-516
DT-2008	-4320M

DT-660 AC/DC Compact Digital Multimeter

- Manual Ranging.
- Data Hold.

Max. voltage: 600V
Max. DC voltage: 600V
Max. AC current: 10A / 10000mA
Max. DC current: 10A / 10000mA

Model Number	Order Code OXD-516
DT-660	-1325K

6-in-1 Digital Multimeter with Thermometer

DT-61
This meter replaces 6 traditional meters to make your work simpler and more efficient. This newly designed digital light-weight device gives you long-lasting power with accurate measurements.

6-in-1 Multi-function includes:
Multimeter.
Light meter.
Sound Level.
Humidity meter.
Temperature meter.
NCV Indicator.

Max. Voltage: 600V .
Max. DC voltage: 600V.
Max. AC current: 10A.
Max. DC Current: 10A.

Model Number	Order Code OXD-516
DT-61	-0625D

UT120C Pocket Size Digital Multimeter

- Auto power off.
- Capacitance measurement.
- AC/DC current measurement.
- Auto range.
- 4000 display count.
- Data hold and relative mode.

Max. Voltage: 600V .
Max. DC voltage: 600V.
Max. AC current: 0.4A.
Max. DC Current: 0.4A.
Weight: 76g.

Model Number	Order Code OXD-516
UT120C	-6462E

DT-9915 Digital Multimeter

- EN61010-1 CAT IV 600V, CAT III 1000V.
- 1000V input protection on all ranges.
- 10A/1000V and 0.5A/1000V Fuses.
- Protection on current ranges.

Max. Voltage: 1000V .
Max. DC voltage: 1000V.
Max. AC current: 10A.
Max. DC Current: 10A.

Model Number	Order Code OXD-516
DT-9915	-6487F

Two-pole Voltage & Continuity Tester

DT-9232
Fast test results the way you need them, with large, easy-to-use buttons, bright back-lights, and clear audible and visible indicators designed for any work situation.
Rugged, high-quality construction design includes a heavy duty moulded case, a thicker cord with wearindicator, sturdy battery case, and well-fitting and durable probe protector.
Enhanced ergonomic design feels good in your hand, is easy to use (even with gloves) and quick, secure probe docking.
A complete family of testers with the features, functions, and price/performance to fit your applications and preferences.

Min. voltage sensed: 12Vac / 600Vdc
Max. voltage sensed: 12Vac / 1000Vdc
Indication: Audible
Ingress protection rating: IP64
Depth: 30mm

Model Number	Order Code OXD-516
DT-9232	-8260F

UT220 Series 2000A Clamp Meter (63mm Jaw)

UT220
The UT220 is a 1999 count AC&DC digital clamp meter that can ensure stable performance, higher degree of safety and reliability to users. It is designed with over-load protection for all ranges, perfect for all professionals measuring currents up to 2000A.

Order Code OXD-516
-1725D

Single Voltage Detector

AC-6
Rugged, double moulded case, audible sounds and green/red LED indicators.

Specifications:
Detection voltage range:
50V AC to 1000V AC.
Frequency range: 50/60Hz.
Operating temperature: 0°C to 50°C.
Storage temperature: -10°C - 60°C.
Humidity: 80% max.
Altitude: 2000 m.
Pollution Degree: 2.
Conforms to: CAT 111, 1000V.
Batteries: 2x AAA 1.5V batteries.

Model Number	Order Code OXD-516
AC-6	-1336M

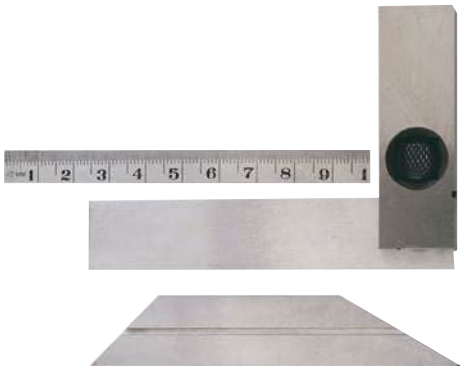
Engineer's Squares

Manufactured from hardened and tempered steel. Edges are ground parallel to give the square an exact right angle on the inside and outside.
Squareness Tolerance:
75mm, 100mm and 150mm = +/- 0.030mm
225mm and 300mm = +/- 0.040mm

Size (mm)	Order Code KEN-518
75 (3")*	-4620K
100 (4")*	-4640K
150 (6")*	-4660K
225 (9")	-4680K
300 (12")	-4700K

Adjustable Steel Squares

Made from hardened steel and precision ground. Supplied with three fully adjustable blades. One plain, parallel blade for use as a conventional engineer's square, 30° and 45° bevel edged blade for checking angles, and a narrow blade graduated metric and imperial.



Measured Length	Order Code KEN-518
100mm/4"	-4150K
150mm/6"	-4160K

Firm Joint Calipers

Manufactured from high quality steel, with a polished finish. Consisting of two legs which are held together by a large nut and screw to provide a firm friction joint. Each firm joint caliper has an adjustable ground point which can be retracted for storage and the other leg is angled at the tip.
The legs can be reversed, so the tip turns inwards or outwards.

Size (mm)	Order Code KEN-518
100 (4")	-0530K
150 (6")	-0540K

Firm Joint Calipers

Manufactured from high quality steel, with a polished finish. Consisting of two legs which are held together by a large nut and screw to provide a firm friction joint. This firm joint caliper has an adjustable ground point which can be retracted for storage and the other leg is angled at the tip. The legs can be reversed, so the tip turns inwards or outwards.

Size (mm)	Order Code KEN-518
130 (5")	-0550K

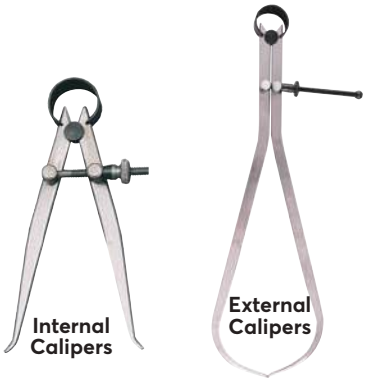
Spring Dividers

Manufactured from high quality polished steel. Ground finished points, a fine adjusting screw is mounted across the legs for setting the distance between the two points.
A circular spring bow joins the legs, with a knurled extension attached for use when pivoting the dividers.

Capacity (mm)	Order Code KEN-518
75 (3")	-0030K
100 (4")	-0040K
150 (6")	-0060K
200 (8")	-0080K
250 (10")	-0100K
300 (12")	-0120K

Internal & External Spring Calipers

Manufactured from high quality polished steel with ground finished points. A circular spring bow joins the legs and a fine adjusting screw is mounted across the legs and is used for setting the distance between the two points.

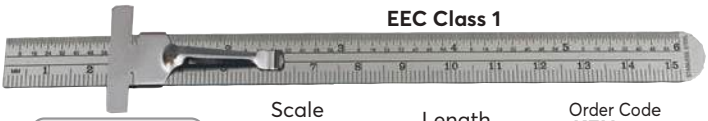


Capacity (mm)	Order Code KEN-518
Internal Calipers	
75 (3")	-0230K
100 (4")	-0240K
150 (6")	-0260K
200 (8")	-0280K
255 (10")	-0300K
305 (12")	-0320K
External Calipers	
75 (3")	-0430K
100 (4")	-0440K
150 (6")	-0460K
200 (8")	-0480K
255 (10")	-0500K
305 (12")	-0520K

KENNEDY QUALITY INDUSTRIAL TOOLING — Engineer's Rule Round End - Pocket Type

Spring tempered stainless steel blades. 13mm blade width with pocket clip/depth gauge slide. Reverse side is marked with 1/64" to mm conversion table. 12mm blade width. Can also be used as a depth gauge.

EEC Class 1

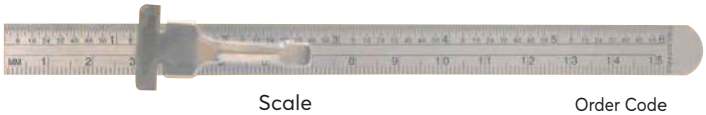


Anti Glare Satin Chrome
Rustless

Scale Type	Length	Order Code KEN-518
Metric & Inch	150mm/6"	-3510K

SENATOR QUALITY TOOLING — Engineer's Rule Round End - Pocket Type

Spring tempered stainless steel blades. 12mm blade width with pocket clip/depth gauge slide. Reverse side is marked with 1/64" to mm conversion table.



Stainless Steel
Rustless

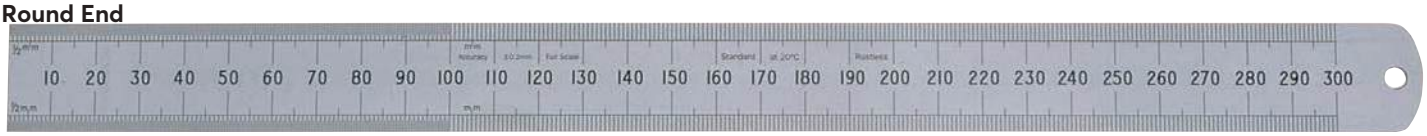
Scale Type	Length	Order Code SEN-518
Metric & Inch	150mm/6"	-3500K

KENNEDY QUALITY INDUSTRIAL TOOLING — Engineer's Steel Rules

EEC CLASS I ACCURACY

Finest quality spring tempered stainless steel. Satin chrome. Anti-glare finish with permanent black figures and graduations. Extremely easy to read. Accuracy: ± 0.2mm full scale. Constant at 20°C. Rustless.

Round End



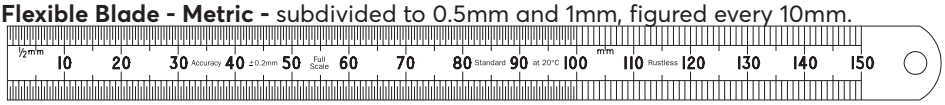
Round End - Flexible Blade

Spring tempered flexible steel blades. 12mm blade width. With hanging hole.

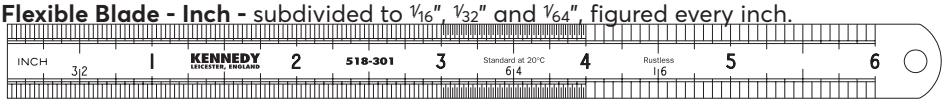
Anti Glare Satin Chrome
Rustless

Scale Type	Length	Order Code KEN-518
Metric & Inch	150mm/6"	-3010K
	300mm/12"	-3210K
Metric only	150mm	-3030K
	300mm	-3230K

Flexible Blade - Metric - subdivided to 0.5mm and 1mm, figured every 10mm.



Flexible Blade - Inch - subdivided to 1/16", 1/32" and 1/64", figured every inch.

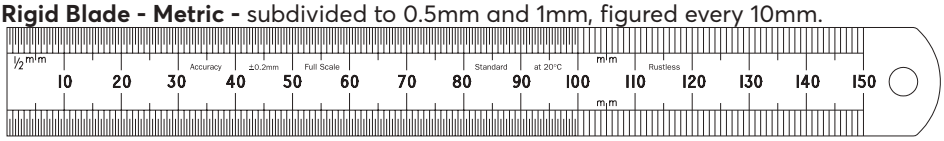


Round End - Rigid Blade

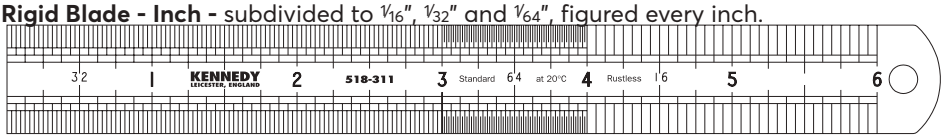
Spring tempered rigid steel blades.
150mm/6" = 19mm blade width.
Other lengths = 25mm blade width.
With hanging hole.

Scale Type	Length	Order Code KEN-518
Metric & Inch	150mm/6"	-3110K
	300mm/12"	-3310K
	600mm/24"	-3710K
	1000mm/39"	-3910K
Metric only	150mm	-3130K
	300mm	-3330K
	600mm	-3730K
	1000mm	-3930K

Rigid Blade - Metric - subdivided to 0.5mm and 1mm, figured every 10mm.



Rigid Blade - Inch - subdivided to 1/16", 1/32" and 1/64", figured every inch.



Square End

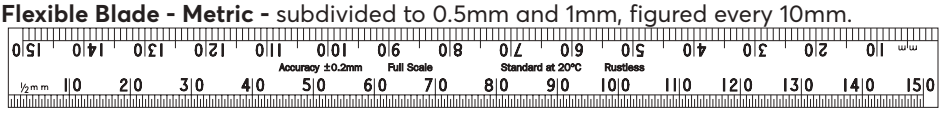
Square End - Flexible Blade

Spring tempered flexible steel blades.
12mm blade width.

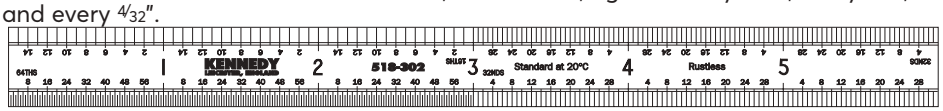
Anti Glare Satin Chrome
Rustless

Scale Type	Length	Order Code KEN-518
Metric & Inch	150mm/6"	-3020K

Flexible Blade - Metric - subdivided to 0.5mm and 1mm, figured every 10mm.



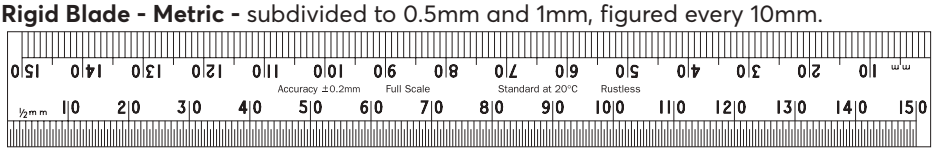
Flexible Blade - Inch - subdivided to 1/16", 1/32" and 1/64", figured every inch, every 8/64", and every 4/32".



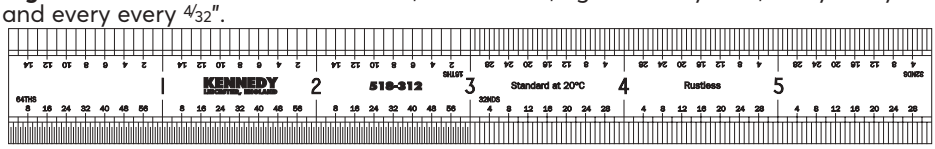
Square End - Rigid Blade

Spring tempered rigid steel blades.
150mm/6" = 19mm blade width.
300mm/12" = 25mm blade width.

Rigid Blade - Metric - subdivided to 0.5mm and 1mm, figured every 10mm.



Rigid Blade - Inch - subdivided to 1/16", 1/32" and 1/64", figured every inch, every every 8/64", and every every 4/32".



Scale Type	Length	Order Code KEN-518
Metric & Inch	150mm/6"	-3120K
	300mm/12"	-3320K

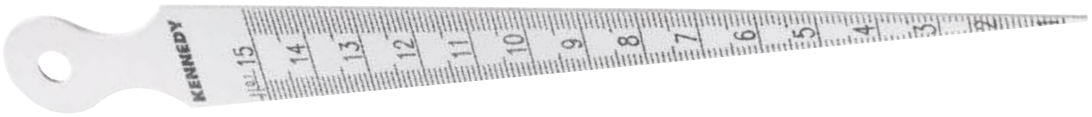
Brass Counter Measure

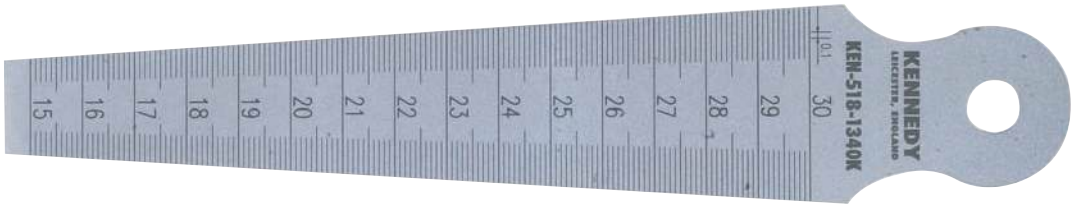
A robust measuring tool manufactured from hard rolled brass with permanent black figures and graduations. Flexible and rustless, it has a 19mm wide blade and countersunk fixing holes.

Length	Order Code KEN-518
1m/36"	-4540K

Tapered Gauges

These are called taper gauges only because of their shape - they do not measure tapers. They are ideally suited for the rapid accurate checking of the inside diameters of tubing, slot widths, hole sizes, setting calipers etc. Manufactured from spring tempered steel. 0.1mm increments. Rustless. Constant at 20°C. Satin chrome anti glare finish. Permanent black figures and graduations.





Range (mm)	Order Code KEN-518
1 - 15	-1320K
15 - 30	-1340K

Tweezers

For workshop and home use. Cross pattern types are self closing and open only under applied pressure. High quality finish supplied singly or as a six piece set.

Sharp Nose

Needle Nose

Flat Blade Cross Pattern

Bent Nose

Flat Blade

Sharp Nose Cross Pattern

Type	Length (mm)	Order Code KEN-518
Sharp Nose	115	-5100K
Needle Nose	115	-5120K
Flat Blade Cross	170	-5140K
Bent Nose	145	-5160K
Flat Blade	120	-5180K
Sharp Nose Cross	115	-5200K
Set of 6 (1 of each above)		-5250K

Folding Steel Rule

This folding steel rule is manufactured from spring tempered stainless steel with a polished finish and it is both flexible and rustlesss. A strong, solid performer for the engineer. Subdivided to mm, figured cm one side.
Inch - subdivided to 1/16", figured 1" other side.

Length	Order Code KEN-518
600mm/24"	-2950K

Line of Chords Rule

This precision tool has a line of chords scale for use in measuring angles and in determining the circumference of a circle from a diameter measurement. The rule is flexible and rustless with deep etched figures filled with black ink.

Length	Order Code KEN-518
600mm/24"	-2980K

KENNEDY QUALITY INDUSTRIAL TOOLING

Depth & Angle Gauges

Plain Type Depth Gauge
Designed for measuring flat based recesses. Consisting of a precision ground steel rule and body which are positioned at 90° to each other. The body has precision ground locating faces, with a knurled adjusting/ securing nut.

Protractor Type Depth & Angle Gauge
Ground steel with graduations from 0° - 180° in both directions for fast and accurate measurements. When the rule is positioned to 90° on the protractor it then provides accurate measurements of depth.

Plain type

Rule Length: 150mm (6")

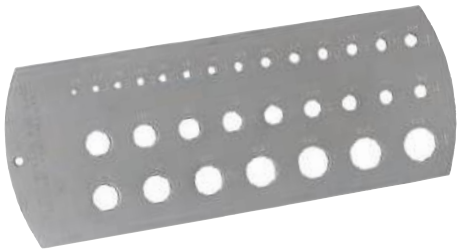
Protractor type

Type	Order Code KEN-518
Plain	-3400K
Protractor	-3450K

KENNEDY QUALITY INDUSTRIAL TOOLING

Drill Gauges

Manufactured from hardened steel with a satin finish. An ideal way to quickly measure the diameter of drills and steel wire.



Range of sizes	Order Code KEN-518
1.5 - 12.5mm	-1130K
1/16 - 1/2"	-1140K

KENNEDY QUALITY INDUSTRIAL TOOLING

Screw Cutting Gauge

Manufactured from hardened and polished steel to check BA, Whitworth and BSF, Acme and American Screw Threads.

Angles: 60° American and Metric, 55° Whit and BSF, 47½° BA and 14½° Acme.

Type	Order Code KEN-518
Screw Gauge	-0800K

KENNEDY QUALITY INDUSTRIAL TOOLING

Screw Pitch Gauges

Ideal for accurately measuring internal and external thread forms. Manufactured from hardened and polished steel, the blades are precision milled for optimum accuracy. Enclosed in a steel case.
Range of sizes: Whitworth - 4 - 62 TPI; Metric - 0.75 - 6mm; American - 4 - 42 TPI.

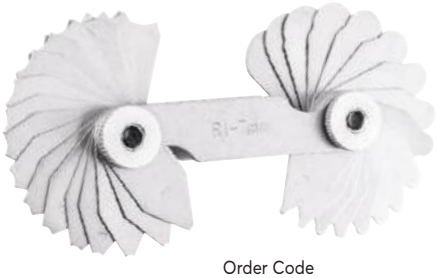
Type	No. of Blades	Order Code KEN-518
55° Whit.	28	-1000K
60° Metric	20	-1010K
60° USA	30	-1070K

KENNEDY QUALITY INDUSTRIAL TOOLING

Radius Gauges

Manufactured from hardened and polished steel, the blades are precision milled for optimum accuracy when measuring internal and external radii. Enclosed in a steel case.

Size range:
34 Blade Metric: 1.0 to 3.0 x .25 and 3.5 to 7.0 x .5
32 Blade Metric: 7.5 to 15.0 x .5
32 Blade Inch: 17/64" to 1/2" x 1/64"
30 Blade Metric: 15.5 to 20.0 x .5 and 21.0 to 25.0 x 1
30 Blade Inch: 1/32" to 1/4" x 1/64".



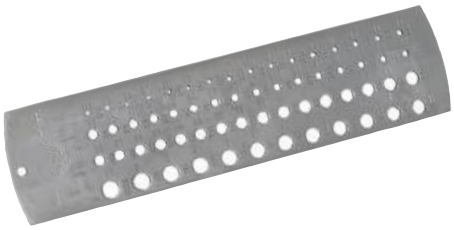
No. of Blades	Order Code KEN-518
34	-0820K
32	-0850K
32	-0940K
30	-0890K
30	-0920K

KENNEDY QUALITY INDUSTRIAL TOOLING

Drill Gauges

Manufactured from hardened steel with a satin finish. An ideal way to quickly measure the diameter of drills and steel wire.

1 - 60 Gauge
Measures drill sizes Nos 1 - 60. Holes are marked with size and decimal equivalent of drill.



Range of sizes	Order Code KEN-518
No. 1 - 60	-1100K

KENNEDY QUALITY INDUSTRIAL TOOLING

Standard Wire Gauges

Manufactured from high grade tool steel with satin brushed finish. Each slot is marked with the nominal size. Two part pivoting space saving design.

Range of sizes	Order Code KEN-518
1 - 36SWG	-1160K
0.2 - 10.0mm	-1165K

KENNEDY QUALITY INDUSTRIAL TOOLING Feeler Gauges

Hardened and polished taper blades, enclosed in a steel case. Blades are clearly marked for easy identification.
Metric:
Manufactured to **DIN 2275**.

Part 1 (Metric).
Range:
10 Blade: .05 - .80mm.
13 and
20 Blade: .05 - 1mm.

No. of Blades	Order Code KEN-518
10	**-0710K**
13	**-0740K**
20	**-0780K**

Inch: Manufactured to **DIN 2275**.
4" Blade length.
Range:
10, 18 and
26 Blade:
.0015" - .025".

No. of Blades	Order Code KEN-518
10	**-0610K**
18	**-0650K**
26	**-0690K**

KENNEDY QUALITY INDUSTRIAL TOOLING Double Ended Feeler Gauge

Hardened and polished taper blades enclosed in a steel case. Blades are clearly marked. Manufactured to **DIN 2275**.
Blade length: 75mm/3".
Range (18 blade):
Metric: 0·05 - 0·5mm.
Inch: 0.0015" - 0.025".

No. of Blades	Order Code KEN-518
18	**-0790K**

KENNEDY QUALITY INDUSTRIAL TOOLING Automatic Centre Punches

Light Duty
Delivers a punch when head is depressed. Chrome vanadium tip with rubber sheathed steel body.

Length (mm)	Impact Weight (kg)	Order Code KEN-518
140	1.5 - 5.0	-1750K
Spare Point		-1800K

Standard Duty
Strength of punch and depth of depression is adjustable by turning the knurled head. Delivers a punch between 2.25 to 13.5kg (5 to 30lb).

Length (mm)	Impact Weight (kg)	Order Code KEN-518
120	2.25 - 13.5	-1710K

Heavy Duty
Strength of punch and depth of depression is adjustable by turning the knurled head. Delivers a punch between 6.3 to 22.5kg (14 to 50lb).

Length (mm)	Impact Weight (kg)	Order Code KEN-518
149	6.30 - 22.5	-1720K

KENNEDY QUALITY INDUSTRIAL TOOLING Square Head Centre Punches

Non-roll. Manufactured from hardened and tempered steel with a knurled body for positive grip. Precision ground 60° point for accurate marking of workpiece. Conform to **BS 3066**.

Overall length: 100mm (4").

*Round headed.

Point Diameter (mm)	Order Code KEN-518
100mm (4") Overall Length	
3.2 (1/8")	-2050K
4.0 (5/32")	-2060K
4.8 (3/16")	-2070K
6.3 (1/4")	-2090K
125mm (5") Overall Length	
6.3 (1/4")	-2110K
9.5 (3/8")*	-2120K

Set
Supplied in plastic wallet.
Contents: 1x 3.2, 4, 4.8 and 6.4 x 100mm.

Number of Pieces	Order Code KEN-518
4	-2100K

KENNEDY QUALITY INDUSTRIAL TOOLING Nail Punches

Cupped and bevelled precision ground points provide accurate positioning over the nail head for efficient depression. Manufactured from hardened and tempered steel, with a knurled body for extra grip.
Conform to **BS 3066**. (Hardness: heads 42 HRC. Max: points 52 - 58 HRC).
Overall length: 100mm (4").

Point Diameter (mm)	Order Code KEN-518
1.6 (1/16")	-2220K
2.4 (3/32")	-2230K
3.2 (1/8")	-2250K
4.0 (5/32")	-2270K

Set
Supplied in plastic wallet.
Contents: 1.6, 2.4, 3.2 and 4mm.

Number of Pieces	Order Code KEN-518
4	-2300K

KENNEDY QUALITY INDUSTRIAL TOOLING Standard Length Inserted Pin Punches

Manufactured from chrome vanadium steel. Used for punching out pins and dowels.

Size (mm)	Overall Length (mm)	Order Code KEN-518
2	115	-2412K
3	125	-2413K
4	150	-2414K
5	165	-2415K
6	180	-2416K
8	200	-2418K

Set
Supplied in plastic wallet.
Contents: 2, 3, 4, 5, 6 and 8mm.

Number of Pieces	Order Code KEN-518
6	-2420K

KENNEDY QUALITY INDUSTRIAL TOOLING Extra Length Inserted Pin Punches

Manufactured from chrome vanadium steel. Used for punching out pins and dowels.

Size (mm)	Overall Length (mm)	Order Code KEN-518
2	143	-2422K
3	155	-2423K
4	185	-2424K
5	202	-2425K
6	209	-2426K
8	219	-2428K
10	230	-2430K

Set
Supplied in plastic wallet.
Contents: 2, 3, 4, 5, 6 and 8mm.

Number of Pieces	Order Code KEN-518
6	-2435K

KENNEDY QUALITY INDUSTRIAL TOOLING Centre Punches

Ideal for driving tight fitting pins out of mechanical assemblies or realigning holes to fit dowel pins. Made from chrome vanadium steel with high strength octagonal shanks and featuring cushioned grip handles with shock absorbing air pockets.
Overall length: 150mm (6").

Point Dia. (mm)	Order Code KEN-518
2.0	-2332K
3.0	-2333K
4.0	-2334K
5.0	-2335K
6.0	-2336K
8.0	-2337K
Set of 6 pieces as above	-2331K

KENNEDY QUALITY INDUSTRIAL TOOLING Long Parallel Pin Punches With Air Grip

Ideal for driving tight fitting pins out of mechanical assemblies or realigning holes to fit dowel pins. Manufactured from hardened and tempered steel. Fitted with an air grip handle that absorbs vibration as well as deflecting wayward hammer blows.

Point Dia. (mm)	Overall Length (mm)	Weight each	Order Code KEN-518
3	149	53g	-2323K
4	184	97g	-2324K
5	200	110g	-2325K
6	200	117g	-2326K
8	227	180g	-2328K

Long Parallel Punch Set

Number of Pieces	Contents	Weight each	Order Code KEN-518
5	3, 4, 5, 6 & 8mm	557g	-2330K

KENNEDY QUALITY INDUSTRIAL TOOLING Parallel Pin Punches

Ideal for driving tight fitting pins out of mechanical assemblies or realigning holes to fit dowel pins. Manufactured from hardened and tempered steel. With a knurled body for extra grip. Conform to **BS 3066**.

Point Dia. (mm)	Weight each	Order Code KEN-518
100mm (4") Overall Length		
1.9 (5/64")	30g	-2125K
2.4 (3/32")	30g	-2130K
3.2 (1/8")	30g	-2150K
3.4 (9/64")	30g	-2155K
4.0 (5/32")	30g	-2160K
4.8 (3/16")	40g	-2170K
115mm (4½") Overall Length		
5.5 (7/32")	30g	-2180K
6.3 (1/4")	40g	-2190K
7.8 (5/16")	150g	-2192K
130mm (5") Overall Length		
8.8 (11/32")	175g	-2196K
150mm (6") Overall Length		
4.0 (5/32")	60g	-2350K
4.8 (3/16")	70g	-2360K
5.5 (7/32")	175g	-2370K
6.3 (1/4")	280g	-2380K

Parallel Pin Punch Sets

Supplied in plastic wallet.

Number of Pieces	Contents (mm)	Weight each	Order Code KEN-518
100mm (4") Overall Length			
6	2.4, 3.2, 4.0, 4.8, 5.5 & 6.4	280g	-2200K
150mm (6") Overall Length			
4	4.0, 4.8, 5.5 & 6.4	585g	-2400K

KENNEDY QUALITY INDUSTRIAL TOOLING Taper Punches

Manufactured from chrome vanadium steel.
Used for aligning holes in jigs and fixtures etc.

Point Dia. (mm)	Overall Length (mm)	Weight each	Order Code KEN-518
3	210	115g	-1533K
4	215	160g	-1534K
5	225	180g	-1535K
6	240	195g	-1536K
8	270	380g	-1538K
10	355	520g	-1540K
12	355	540g	-1542K

Taper Punch Set

Contents: 1x 3, 4, 5, and 6mm.

4 PIECES

Number of Pieces	Contents	Weight each	Order Code KEN-518
4	3, 4, 5 & 6mm	683g	-1550K

KENNEDY QUALITY INDUSTRIAL TOOLING Straight Shank Hollow Punches

Manufactured from hardened carbon steel. Through body ejection of the punched material makes them ideal for punching clean edged holes in leather, wood, plastics, card and paper.

Cut Dia. (mm)	Overall Length	Order Code KEN-518
5 (3/16")	100mm	-1580K
6 (1/4")	100mm	-1581K
8 (5/16")	105mm	-1582K
10 (3/8")	117mm	-1583K
11 (7/16")	117mm	-1584K
12 (1/2")	115mm	-1585K
14 (9/16")	115mm	-1586K
16 (5/8")	115mm	-1587K
17 (11/16")	115mm	-1588K
19 (3/4")	118mm	-1589K

Hollow Punch Sets
Supplied in hardwearing PVC pocket wallets with tie fastening.

6 PIECES

Number of Pieces	Contents	Order Code KEN-518
6	5mm (3/16") 6mm (1/4") 8mm (5/16") 10mm (3/8") 11mm (7/16") 12mm (1/2")	-1600K
6	6mm (1/4") 8mm (5/16") 10mm (3/8") 12mm (1/2") 16mm (5/8") 19mm (3/4")	-1650K

KENNEDY QUALITY INDUSTRIAL TOOLING Small Hole Gauge Set

Range 3mm (1/8") to13mm (1/2")
The knurled handle allows fine adjustment of the gauge within the workpiece. Use in conjunction with a micrometer to accurately measure internal dimensions.

Contents: 90, 99, 110 and 110mm overall length.

4 PIECES

Order Code KEN-518
-1150K

KENNEDY QUALITY INDUSTRIAL TOOLING Telescopic Gauges

With knurled satin finish bodies providing positive adjustment of the hardened and radius ground plungers ensuring accurate measurement of the internal diameter when used with a micrometer. For smaller diameter measurements use the small hole gauge.

6 PIECES

Range mm	Range inch	Length (mm)	Order Code KEN-518
8 - 12	5/16"- 1/2"	115	-1174K
12 - 19	1/2"- 3/4"	115	-1175K
19 - 32	3/4"- 1 1/4"	115	-1176K
32 - 54	1 1/4"- 2 1/8"	137	-1177K
54 - 90	2 1/8"-3 1/2"	137	-1178K
90 -150	3 1/2"- 6"	137	-1179K

Set
Supplied in a size marked PVC storage wallet, with stud fastening. Contains 1 of each size A - F inclusive.

Set range: 8 - 150mm (5/16" - 6").

Order Code KEN-518
-1180K

KENNEDY QUALITY INDUSTRIAL TOOLING Reduced Shank Wad Punches

For a variety of soft materials. Can be used for cutting holes and producing clean edged discs from the material being cut.

Cut Dia. (mm)	Overall Length	Order Code KEN-518
22 (7/8")	118mm	-1591K
25 (1")	121mm	-1593K
35 (1 3/8")	205mm	-1596K
45 (1 25/32")	210mm	-1598K

KENNEDY QUALITY INDUSTRIAL TOOLING Edge & Centre Finders

Cylinder Type
For fast accurate work location. Made from tool steel and hardened all over, they can be used on flat surfaces, straight edges, shoulders, grooves, studs, dowels, centre points and scribed lines.

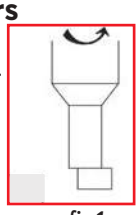


fig 1

To locate an edge first secure the finder in a collet or chuck, the work table is then traversed to cause the rotating edge finder to make contact with the workpiece. ***(fig 1)***.

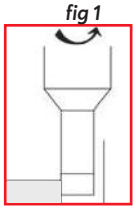


fig 2

Upon touching the workpiece the edge finder's contact point will be forced into running concentrically with the body ***(fig 2)***. Any further movement to "off-centre" will cause a distinct wobble.

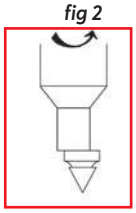


fig 3

At this point, the distance from the work edge to the centre of the finder is equal to half the diameter of the contact point.

Datum lines and centre points are located using the combination edge and centre finder ***(fig 3)***.

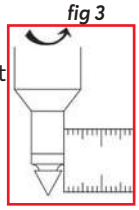


fig 4

This has a cone shaped contact point which is lowered into position barely touching the workpiece at the point you wish to measure.

The finder is made to run concentrically using a steel rule or straight edge ***(fig 4)***.

Edge Finders

Diameters		Order Code KEN-518
Shank	0.200"	-1410K
Body	0.375"	
Shank	10mm	-1420K
Body	10mm	
Shank	0.200"	-1430K
Body	0.500"	

Edge & Centre Finders Combination

Diameters		Order Code KEN-518
Shank	0.200"	-1440K
Body	0.500"	
Shank	0.200"	-1450K
Body	0.375"	
Shank	5mm	-1445K
Body	12mm	

Double Edge

Diameters		Order Code KEN-518
Shank	0.200"	-1460K
Body	0.500"	

Plain Edge

Diameters		Order Code KEN-518
Shank	0.500"	-1470K
Body	0.500"	
Shank	12mm	-1480K
Body	12mm	

KENNEDY QUALITY INDUSTRIAL TOOLING Edge & Centre Finder - 5 Piece Set

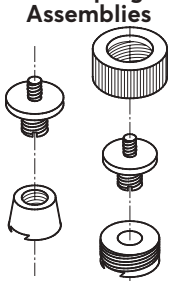
Consists of a chuck body and four contact arms. Designed to check 'run-out' or concentricity, straightness and alignment. Will indicate the position of a datum point on a component or fixture from the centre line of a machine spindle. Suitable for use on drill presses, lathes, milling machines, borers etc.

Chuck Body:
Held in the spindle using a suitable drill chuck or collet chuck ***(fig 1)***. The contact arms are retained in position using the knurled collar which lightly clamps the ball joint inside the body. Arms may be exchanged without the need to remove the body from the machine spindle.

fig 1

Universal Indicator Holder
The detachable end will allow clamping with 2 and 3 piece dovetail clamping assemblies and when removed will fit standard ¼" side clamp. This uses the spindle centre line to align component bores or spigots, check the flatness or squareness of workpieces or fixturing and check run-out of components. The spindle should only be rotated manually to avoid damaging the dial test indicator ***(fig 1)***.

Clamping Assemblies


2 Piece **3 Piece**

Needle Point
To lightly mark out lines and positions on a component as a guide to subsequent operations, using the machine's dials or digital read-out to position the scriber point *(not illustrated)*.

Ball Contact .250"

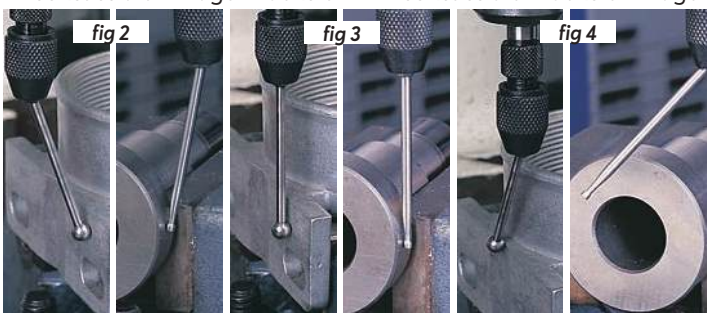
Used to find a datum point .125" ± .0005" away from a flat surface.

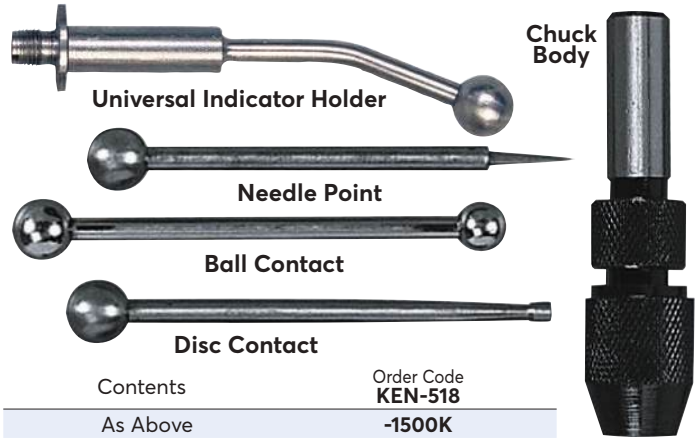
Disc Contact .100"

Used to find a datum point .050" ± .0005" away from a convex surface.

Position the contact arm in line, but slightly away from the surface to be aligned. When finding the surface of a diameter, the 'Disc' must be positioned as near to the centre of that diameter as possible. Run the spindle between 200 and 500 revs/min. The table or spindle is then moved slowly, to bring the contact arm closer to the surface to be aligned. The contact arm will tap lightly against the surface ***(fig 2)*** the movement of the arm will become less and less the nearer the datum point gets to the spindle centre line ***(fig 3)***. When the arm stops spinning in a straight line and starts to 'jump', this indicates the datum point ***(fig 4)***:

½ contact dia + Edge = Centre ½ contact dia - Centre = Edge





Contents	Order Code KEN-518
As Above	-1500K

KENNEDY QUALITY INDUSTRIAL TOOLING Telescopic Mirrors

Ball and socket universally positional joint, holds the high grade distortion free mirror at any angle. Chrome plated high polish finish telescopic shafts.

Mirror diameter: 50mm.

Length Closed/Open	Weight each	Order Code KEN-518
280/420mm	100g	**-5420K**

KENNEDY QUALITY INDUSTRIAL TOOLING Circular Mirror

With high power magnet and pocket clip.
Mirror diameter: 30mm.

Length Closed/Open	Weight each	Order Code KEN-518
180/480mm	41g	**-5380K**

KENNEDY QUALITY INDUSTRIAL TOOLING Rectangular Mirror

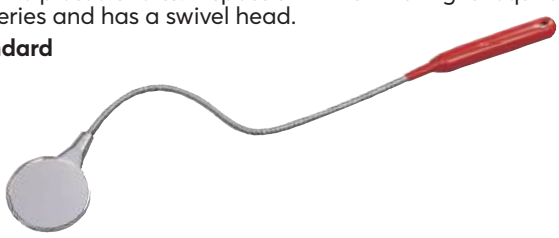
Mirror size: 90 x 50mm.

Length Closed/Open	Weight each	Order Code KEN-518
370/550mm	127g	**-5460K**

KENNEDY QUALITY INDUSTRIAL TOOLING Inspection Mirrors

With flexible shafts which can be adjusted into any position.
Available as standard or with light attachment.
Both models have high grade distortion-free glass mirrors with chrome plated shafts. Inspection mirror with light requires 2x 'AA' batteries and has a swivel head.

Standard



Mirror Diameter	Weight each	Order Code KEN-518
50mm	180g	**-5400K**

KENNEDY QUALITY INDUSTRIAL TOOLING Flexible Mirror with Light Attachment

Flexible shafts which can be adjusted into any position.

Mirror Size	Weight each	Order Code KEN-518
50 x 25mm	220g	**-5500K**

KENNEDY QUALITY INDUSTRIAL TOOLING Hand Magnifiers

Plastic lightweight magnifiers.
Used to provide a clear crisp enlarged image.
Used for inspection of finished parts, enlarging small text and pictures etc.

Diameter	Mag. Factor	Order Code KEN-518
50mm	5x	**-6040K**

KENNEDY QUALITY INDUSTRIAL TOOLING Eye Loupes

- Ideal tools for professionals and hobbyists
- Achieve high levels of precision and accuracy in detailed tasks

Typical Applications
- Watch Repair
- Jewellery Making
- Inspection of Cutting Tool Edge
- Dentistry
- Electronics

Mag. Factor	Order Code KEN-518
10x	**-5999Q**
2x	**-5999R**
3.5x	**-5999T**
3x	**-5999V**
4.5x	**-5999W**
4x	**-5999X**
5x	**-5999Y**

Eye Loupe Set of 3

Mag. Factor	Order Code KEN-518
2x 5x 10x	**-5999D**

KENNEDY QUALITY INDUSTRIAL TOOLING Chuck Style Tap Wrenches

English Type

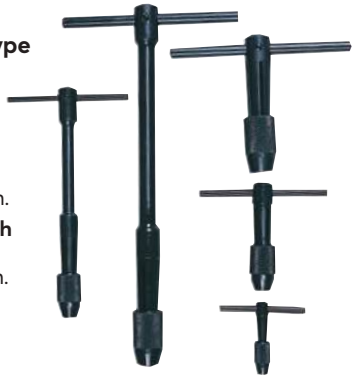
Used in hand tapping operations and provide the reach and leverage needed for accurate tapping in tight spaces. Heavy duty ductile steel body with knurled chuck, four equalising jaws to hold the tap true and sliding T-bar which can be used when tapping against a shoulder or other obstructions. Individually boxed.

Square Size (mm)	Length (mm)	Order Code KEN-518
Standard Length		
2.0 - 2.8	50	**-8860K**
3.0 - 5.0	65	**-8880K**
7.0 - 9.4	90	**-8900K**
Long Reach		
3.0 - 5.0	165	**-8920K**
7.2 - 9.0	255	**-8940K**

KENNEDY QUALITY INDUSTRIAL TOOLING Chuck Type Tap Wrench Set

English Type

Contents:
Standard length
2.0 - 2.8,
3.0 - 5.0,
7.0 - 9.4mm.
Extra length
3.0 - 5.0,
7.2 - 9.0mm.



5 PIECES

Weight each	Order Code KEN-518
895g	**-9000K**

KENNEDY QUALITY INDUSTRIAL TOOLING Japanese Type

Used in Hand Tapping operations and provide the reach and leverage needed for accurate tapping. Heavy duty ductile steel body with knurled chuck, stepped chuck jaws and four point clamping increase the range of tap sizes which can be used in the wrench fitted with a fixed T-bar. Individually boxed.

Square Size (mm)	Length (mm)	Order Code KEN-518
Slimline		
2.0 - 4.0	55	**-8520K**
Standard Length		
4.0 - 5.0	60	**-8550K**
4.0 - 5.5	70	**-8580K**
Long Reach		
3.0 - 3.9	100	**-8620K**
5.6 - 6.2	120	**-8690K**

KENNEDY QUALITY INDUSTRIAL TOOLING Engineer's Tap Wrenches

With all steel, hardened and tempered bodies, solid construction, hardened ground jaws and knurled adjustable handles for extra grip. Straight handle design provides greater leverage, especially when using larger diameter taps.
Tap sizes to **ISO 529.**

Square Size (mm)	Order Code KEN-518
2.8 - 5.0	**-8320K**
4.0 - 10.0	**-8350K**
4.0 - 12.0	**-8390K**
5.3 - 17.0	**-8470K**

Kennedy® Tap Wrench Set
Contents:
Square size: 2.8 - 5mm and 4.0 - 12mm.

2 PIECES

Order Code KEN-518
-8480K

KENNEDY QUALITY INDUSTRIAL TOOLING Bar Type Tap Wrenches

Ductile steel body with a knurled locking nut ensuring no loss of grip during use.

Square Size (mm)	Order Code KEN-518
1.5 - 5.0	**-8800K**
2.0 - 7.2	**-8820K**
2.5 - 9.0	**-8840K**

KENNEDY QUALITY INDUSTRIAL TOOLING Tap Wrench & Diestock Set

Contents
Diestocks: 1" x 13/16",1" x 1", 1" x 1 5/16".
Tap wrenches (square size):
1 x 2.8 - 5.0mm and 1 x 4.0 - 10.0mm.

5 PIECES

Order Code KEN-518
-8500K

KENNEDY QUALITY INDUSTRIAL TOOLING Ratchet Type Tap Wrenches

Manufactured from hardened and tempered steel, with chrome plated high polish finish. Switchable between forward and reverse coupled with the multi-positional sliding T-bar makes this tap wrench ideal for use in confined spaces. Individually boxed.

Square Size (mm)	Length (mm)	Order Code KEN-518
3.0 - 6.0	85	**-8720K**
6.0 - 8.0	100	**-8750K**

Replacement Jaws

To Suit	Order Code KEN-567
KEN-518-8720K	**-6500K**
KEN-518-8750K	**-6510K**

KENNEDY QUALITY INDUSTRIAL TOOLING Die Stocks

All steel drop forged solid construction for long life with knurled handles for extra grip. Designed to hold a range of different sizes of round split-adjustable dies. The three screw design easily locks die into position and maintains alignment for accurate threading resulting in clean, straight threads.

Outside Diameter	Order Code KEN-518
13/16"	**-8070K**
1"	**-8100K**
1 5/16"	**-8130K**
1½"	**-8150K**
2"	**-8200K**

Die Stock Set Contents:
1 - 13/16" x 150mm,
1 - 1" x 210mm,
1 - 1 5/16" x 280mm.

3 PIECES

Order Code KEN-518
-8210K

Scribers

Used for the marking out of fine lines on metals. Manufactured from hardened and tempered high grade steel with knurled bodies for high grip and precision ground points for accurate marking. Available with a chisel point, pocket type, machinist's standard type, double ended, which are mainly used in conjunction with surface gauges.

Machinist's
One piece single ended for marking out in confined places.

Overall length: 115mm.

Overall Length	Order Code KEN-518
115mm	-4350K

Double Ended
Double ended, ideal for marking out in hard to get places eg. grooves.

Overall length: 180mm.

Overall Length	Order Code KEN-518
180mm	-4370K

Universal Hook & Pick Set

Designed for use in automotive and engineering applications. Ideal for use in the removal of O-rings, cotter pins, seals, bushes, springs and washers. Impact resistant handles. Presented in sturdy blow moulded plastic case.

Contents; 210mm (8") hook tip, straight tip, 90° tip 135mm (5") straight tip, hook tip, combination tip, 90° tip.

7 PIECES

Order Code KEN-518
-2920K

Etching Pen Scriber

For marking, scoring and identification on hard and soft materials including alloy, copper, stainless steel, glass and ceramics.

Overall length: 180mm.

Type	Weight each	Order Code KEN-518
Fixed	35g	-4200K

Retractable Carbide Tipped Etching Pen

For marking and scribing in hard and soft materials including steel, plastics and timber.

Overall length: 180mm.

Weight each	Order Code KEN-518
35g	-4220K

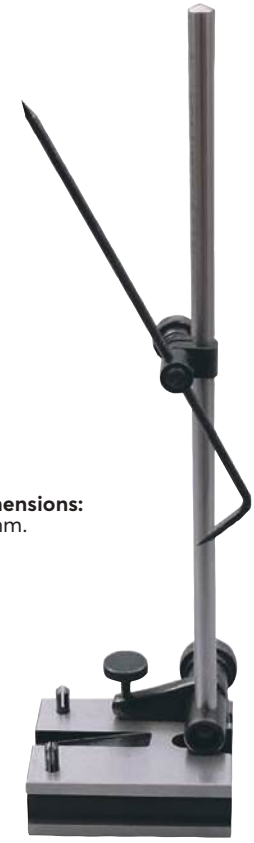
Spare Point

Weight each	Order Code KEN-518
9g	-4240K

Surface Gauges

Used for marking out lines parallel to a true edge or groove, and also to mark the centre of round bars. Machined base, two pillars, a double ended scriber and an adjustable attachment for holding scribers up to ¼" diameter on to the pillar. The base has a machined V-groove for use on pipes and round bar and two frictionally held pins which are used as a guide when sliding along the true edge or groove. The angle of the pillar can be finely adjusted with the use of a knurled thumb screw. Supplied with two pillars.

Base dimensions:
80 x 30mm.



Pillar Height (mm)	Order Code KEN-518
230 & 305	-4300K

Miniature Hook & Pick Set

Includes straight pick, full hook, 90° hook and 45° hook. Ideal for use on cotter pins, keys, 'O' rings, springs and washers. Hardened and tempered chrome vanadium steel shanks with a knurled section for precise grip. Impact resistant square section handles for secure grip even when greasy.

Overall length: 120 - 130mm (4¾" - 5⅛").

4 PIECES

Order Code KEN-518
-2900K

Flexible Pick Up Tool

4 prong steel retractable claw. Flexible steel stem with a spring loaded plunger to open and close jaws. Chrome plated and corrosion-resistant. Ideal for recovery of small objects.

Length	Order Code KEN-518
600mm (24")	-4820K
900mm (36")	-4840K

KENNEDY QUALITY INDUSTRIAL TOOLING Engineer's Scrapers

Wooden contoured handles with high grade steel blades, hardened and tempered with extremely keen cutting edges. Scrapers reduce high spots from a surface which has been previously machined or filed.

Three Square
Suitable for tool room and light engineering work.
Used on small bearings and bushes and into restricted/tight angles.

Length (mm)	Width (mm)	Weight per 5	Order Code KEN-518
100	8	320g	**-2440K**
150	10	620g	**-2460K**
205	15	1200g	**-2480K**

Flat
For use on flat surfaces and external cylindrical surfaces.

Length (mm)	Width (mm)	Weight per 5	Order Code KEN-518
100	16	360g	**-2640K**
150	19	650g	**-2660K**
205	23	1300g	**-2680K**

Half Round
For use on hollow surfaces such as bearing linings and internal cylindrical surfaces.

Length (mm)	Width (mm)	Weight per 5	Order Code KEN-518
100	11	330g	**-2540K**
150	16	600g	**-2560K**
205	16	1000g	**-2580K**

KENNEDY QUALITY INDUSTRIAL TOOLING Pin Vices

Manufactured from hardened steel. Ideal for holding drills, small files and wire. The through hole construction of the body allows lengths of wire to be held.

Capacity (mm)	Length (mm)	Order Code KEN-518
0.0 - 1.00	83	**-1210K**
0.8 - 1.50	85	**-1220K**
1.3 - 3.10	90	**-1230K**
3.0 - 4.80	100	**-1240K**

Pin Vice Set
Capacity: 0.0 - 4.8mm.

Order Code KEN-518
-1200K

4 PIECES

KENNEDY QUALITY INDUSTRIAL TOOLING Pin Chucks

For holding small drills in lathes and larger chucks. With three collets.

Range (mm)	Order Code KEN-518
0.25 - 2.5	**-1260K**

KENNEDY QUALITY INDUSTRIAL TOOLING Toolmaker's Clamps

Hardened and tempered jaws with spring tension clips.

Capacity (mm)	Length (mm)	Order Code KEN-518
32	51	**-4400K**
57	76	**-4410K**
70	101	**-4420K**
90	127	**-4430K**

Feeler Stock Strip

Inch sizes are 12" long, ½" wide. Millimetre sizes are furnished in 300mm lengths, 12.7mm wide. Rounded ends. Each piece marked with thickness and with convenient 3/16" (5mm) hole for hanging.

Thickness (mm)	Order Code KEN-519
12.7mm x 300mm	
0.03	-1030K
0.04	-1040K
0.05	-1050K
0.06	-1060K
0.08	-1080K
0.10	-1100K
0.15	-1150K
0.20	-1200K
0.25	-1250K
0.30	-1300K
0.40	-1400K
0.50	-1500K
½" x 12"	
0.0010"	-0020K
0.0015"	-0030K
0.0020"	-0040K
0.0025"	-0050K
0.0030"	-0060K
0.0040"	-0080K
0.0050"	-0100K
0.0060"	-0120K
0.0070"	-0140K
0.0080"	-0160K
0.0090"	-0180K
0.0100"	-0200K
0.0120"	-0240K
0.0150"	-0300K
0.0200"	-0400K
0.0250"	-0500K

Feeler Stock Coil

- Supplied in a compact, sturdy plastic rewindable dispenser case
- Made of the finest tempered steel
- Marked every 6" or 150mm with a line, thickness in thousandths of an inch or in hundredths of a mm

Thickness (mm)	Order Code KEN-519
12.7mm x 7.6m	
0.03	-3030K
0.04	-3040K
0.05	-3050K
0.10	-3100K
0.20	-3200K
0.50	-3500K
½" x 25ft	
0.0010"	-2020K
0.0015"	-2030K
0.0020"	-2040K
0.0030"	-2060K
0.0040"	-2080K
0.0050"	-2100K
0.0060"	-2120K
0.0150"	-2300K
½" x 20ft	
0.0200"	-2400K
0.0250"	-2500K

RUTLAND™ Quality Gardening Tools Garden Spades

Digging
4311K
Deep socket
Swan neck
Wooden shaft
Polypropylene
"YD" handle
Overall length:
1010mm

Digging
4411K
Deep socket
Swan neck
Plastic shaft
Polypropylene
"YD" handle
Overall length:
1080mm

Border
4361K
Deep socket
Swan neck
Wooden shaft
Polypropylene
"YD" handle
Overall length:
940mm

CARBON STEEL

Order Code RTL-522
-4311K
-4411K
-4361K

RUTLAND™ Quality Gardening Tools Stainless Steel Garden Spades

Digging
2511K
Deep socket
Swan neck
Polypropylene shaft
"YD" handle
Overall length:
1030mm

STAINLESS STEEL

Border
2561K
Deep socket
Swan neck
Polypropylene shaft
"YD" handle
Overall length:
910mm

Order Code RTL-522
-2511K
-2561K

RUTLAND™ Quality Gardening Tools Garden Forks

Digging
4301K
Wooden shaft and plastic handle
Overall length:
1010mm

Digging
4401K
Plastic shaft and handle
Overall length:
1080mm

Border
4351K
Wooden shaft and plastic handle
Overall length:
955mm

CARBON STEEL

Type	Order Code RTL-522
Digging	-4301K
Digging	-4401K
Border	-4351K

RUTLAND™ Quality Gardening Tools Stainless Steel Garden Forks

Digging
2501K
Deep sockets
Swan neck
Polypropylene 'YD' handle and shafts
Overall length:
1000mm

STAINLESS STEEL

Border
2551K
Deep sockets
Swan neck
Polypropylene 'YD' handle and shafts
Overall length:
910mm

Type	Order Code RTL-522
Digging	-2501K
Border	-2551K

RUTLAND™ Quality Gardening Tools Garden Tools

Dutch Hoe
-2751K
Stainless steel head and steel shaft
PVC grip
Width: 128mm
Overall length: 1600mm

3-Prong Cultivator
-2841K
Stainless steel head and steel shaft
PVC grip
Width: 90mm
Overall length: 1620mm

Lawn Edging Knife
-2701K
Stainless steel head and steel shaft
PVC grip
Width: 215mm
Overall length: 930mm

STAINLESS STEEL

Description	Order Code RTL-522
Lawn Edging Knife	-2701K
Dutch Hoe	-2751K
3-Prong Cultivator	-2841K

RUTLAND™ Quality Gardening Tools ¼" Mesh Riddle

Made of steel mesh to provide superior durability. This 1/4" mesh riddle is used to bring soil to a suitable condition by removing large clumps to bring the soil to perfect potting condition.

Diameter mm	Order Code RTL-522
360	-8401K

RUTLAND CONTRACTORS TOOLS Round Shovel

- Carbon Steel with a tough epoxy coating to help against rust and soil adhesion
- Hardwood shaft and polypropylene 'YD' handle provides durability and comfort when in use

-5591K
Handle Type: YD polypropylene.
Shaft: hardwood.
Blade material: carbon steel with epoxy coating.
Blade size: (W)230mm x (H)300mm.
Overall length: 1010mm.

Description	Order Code RTL-522
Round Shovel	-5591K

RUTLAND CONTRACTORS TOOLS Square Mouth Shovels

High-tensile tubular steel construction with 'YD' handle which is designed for heavy industrial and professional use. Shovel head is finished in a tough epoxy powder coating which prevents rusting and reduces soil adhesion.

4501K
Handle type: YD polypropylene.
Shaft: metal.
Blade material: carbon steel, epoxy coated.
Blade: (W)245mm x (H)300mm.
Overall length: 965mm.

5581K
Handle type: YD polypropylene.
Shaft: hardwood.
Blade material: carbon steel, epoxy coated.
Blade: (W)215mm x (H)300mm.
Overall length: 1020mm.

Description	Order Code RTL-522
Square Mouth Shovel	-4501K
Square Mouth Shovel	-5581K

CARBON STEEL

RUTLAND™ Quality Gardening Tools — Draw Hoe Stainless Steel, Steel Shaft

- Stainless Steel head and steel shaft provides greater durability
- PVC grips allows for comfort holding and precise action

Head width	Total length	Order Code RTL-522
140mm	1550mm	-2771K

RUTLAND™ Quality Gardening Tools — Garden Rake 12 Tine, Steel Rake and Shaft

- Steel rake and shaft for increased strength and durability
- PVC grip for comfort and manoeuvrability

Head width	Total length	Order Code RTL-522
300mm	1570mm	-2801K

RUTLAND™ Quality Gardening Tools — Country Gardening Set

Contents:
Hand trowel, weeding fork and bulb planter, digging spade and fork. Garden rake, dutch hoe and lawn rake all with carbon steel heads, aluminium handles and soft rubber grips. Bypass secateurs - maximum cutting diameter 25mm. Heavy duty polythene garden bag with 170ltr capacity. Heavy duty Canadian rigger gloves size 10.

CARBON STEEL

11 PIECES

Order Code RTL-522
-9100K

RUTLAND™ Quality Gardening Tools — 3 Piece Stainless Steel Garden Set

- Wooden Handles and stainless steel heads
- This handheld garden trowel set contains a hand trowel, a weeding fork and a graduated bulb planter
- This 3 piece garden set is ergonomically designed to provide maximum comfort and durability

3 PIECES

Number of Pieces	Order Code RTL-522
3	-1013W

RUTLAND™ Quality Gardening Tools Garden Forks

Dutch Hoe -4801K
Carbon steel head
Aluminium shaft
Soft rubber grips
Width: 128mm
Overall length: 1530mm

Draw Hoe -4821K
Carbon steel head
Aluminium shaft
Soft rubber grips
Width: 140mm
Overall length: 1410mm

Garden Rake 12 Tine -4901K
Carbon steel rake
Aluminium shaft
Soft rubber grips
Overall length: 1530mm

Garden Rake 16 Tine -4921K
Carbon steel rake
Aluminium shaft
Soft rubber grips
Overall length: 1530mm

Description	Order Code RTL-522
Dutch Hoe	**-4801K**
Draw Hoe	**-4821K**
Garden Rake 12 Tine	**-4901K**
Garden Rake 16 Tine	**-4921K**

RUTLAND™ Quality Gardening Tools Square Mouth Shovel

High-tensile tubular steel construction with 'YD' handle which is designed for heavy industrial and professional use. Shovel head is finished in a tough epoxy powder coating which prevents rusting and reduces soil adhesion.
Type: open socket
Handle type: YD polypropylene.
Shaft: metal.
Blade a: carbon steel, epoxy coated.
Blade: (W)190mm x (H)300mm.
Overall length: 975mm.

CARBON STEEL

Description	Order Code RTL-522
Drainage Shovel	**-4511K**

SITESAFE Square Mouth Shovels

General purpose contractor's shovel for digging out and refilling trenches, mixing concrete and moving tarmac. All blades are hardened and tempered with an epoxy coating.

-7770A
Type: open socket.
Handle Type: YD polypropylene.
Shaft: hardwood.
Blade material: carbon-manganese steel.
Blade size: (W)240mm x (H)310mm.
Overall length: 980mm.

-7770A

-7780A
Type: solid socket.
Handle Type: T wooden.
Shaft: hardwood.
Blade material: carbon-manganese steel.
Blade size: (W)240mm x (H)300mm.
Overall length: 985mm.

-7780A

-7810A
Type: solid socket.
Handle Type: MYD metal framed.
Shaft: metal.
Blade material: carbon-manganese steel.
Blade size: (W)240mm x (H)300mm.
Overall length: 1000mm.

-7810A

-7790A
Type: solid socket.
Handle Type: MYD metal framed.
Shaft: hardwood.
Blade material: carbon-manganese steel.
Blade size: (W)240mm x (H)300mm.
Overall length: 980mm.

-7790A

Order Code SSF-522
-7770A
-7780A

Order Code SSF-522
-7810A
-7790A

SITESAFE Taper Mouth Shovels

General purpose shovel with tapered blade. All blades are hardened and tempered with an epoxy coating.

-7781B
Type: solid socket.
Handle Type: T wooden.
Shaft: hardwood.
Blade material: carbon-manganese steel.
Blade size: (W)240/215mm x (H)340mm.
Overall length: 1000mm.

-7791B
Type: solid socket.
Handle Type: MYD metal framed.
Shaft: hardwood.
Blade material: carbon-manganese steel.
Blade size: (W)240/210mm x (H)310mm.
Overall length: 1000mm.

-7811B
Type: solid socket.
Handle Type: MYD metal framed.
Shaft: metal.
Blade material: carbon-manganese steel.
Blade size: (W)240/215mm x (H)340mm.
Overall length: 1000mm.

-7821B
Type: solid socket.
Handle Type: MYD metal framed.
Shaft: solid fibreglass.
Blade material: carbon-manganese steel.
Blade size: (W)255/215mm x (H)320mm.
Overall length: 1000mm.

Order Code SSF-522
-7781B
-7791B

Order Code SSF-522
-7811B
-7821B

SITESAFE Cable Laying Shovels

Specially designed for digging trenches for cables. Generally used in conjunction with the trenching shovel. All blades are hardened and tempered with an epoxy coating.

-7823D
Type: solid socket.
Handle Type: MYD metal framed.
Shaft: solid fibreglass.
Blade material: carbon-manganese steel.
Blade size: (W)140mm x (H)240mm.
Overall length: 940mm.

-7813D
Type: solid socket.
Handle Type: MYD metal framed.
Shaft: metal.
Blade material: carbon-manganese steel.
Blade size: (W)140 x (H)280mm.
Overall length: 980mm.

Order Code SSF-522
-7823D
-7813D

SITESAFE Newcastle Drainers

Traditionally recognised as the finest draining tool available. The long narrow blade makes it perfect for extending trenches in terms of width and depth. Lugs provide a greater foothold. All blades are hardened and tempered with an epoxy coating.

-7824E
Type: solid socket.
Handle Type: MYD metal framed.
Shaft: solid fibreglass.
Blade material: carbon-manganese steel.
Blade size: (W)165/105mm x (H)405mm.
Overall length: 1100mm.

-7814E
Type: solid socket.
Handle Type: MYD metal framed.
Shaft: metal.
Blade material: carbon-manganese steel.
Blade size: (W)150/90mm x (H)380mm.
Overall length: 1080mm.

Order Code SSF-522
-7824E
-7814E

SITESAFE Trenching Shovels

Ideal for narrow trench work like pipe and cable laying. Often used in conjunction with a cable laying shovel. All blades are hardened and tempered with an epoxy coating.

-7812C
Type: solid socket.
Handle Type: MYD metal framed.
Shaft: metal.
Blade material: carbon-manganese steel.
Blade size: (W)190/165mm x (H)270mm.
Overall length: 970mm.

-7822C
Type: solid socket.
Handle Type: MYD metal framed.
Shaft: solid fibreglass.
Blade material: carbon-manganese steel.
Blade size: (W)190/165mm x (H)280mm.
Overall length: 985mm.

Order Code SSF-522
-7812C
-7822C

SITESAFE General Service Shovel

- Pointed blade allows for easier penetration of soil to reduce user effort
- Blades are manufactured from carbon manganese steel that has been hardened and tempered for maximum durability
- Hardwood shaft is highly robust
- YD polypropylene handle improves user comfort and grip when wielding
- Head boasts an epoxy coating to further protect against corrosion and wear and tear

Type: open socket
Handle Type: YD polypropylene
Shaft: hardwood
Blade material: carbon-manganese steel
Blade size: (W)230 x (H)290mm
Overall length: 1000mm

Order Code SSF-522
-7776G

SITESAFE Fencing Maul

The specially shaped 'over-sized' head is designed to drive home fence posts. It is fitted with a 900mm (36") hickory handle for shock resistance.

Overall length: 950mm.
Head size: 115 x 130mm diameter.
Weight: 5.40kg

Order Code SSF-522
-3810A

SITESAFE Post Hole Auger

Provides an easy non-mechanical means of creating holes when erecting fencing posts.

When rotated in a clockwise direction the 150mm diameter thread bores a hole into the soil or clay, with an optional hole depth to suit the length of the post to be secured.

Overall length: 1100mm
Blade size: 340 x 160mm diameter.
Weight: 3.35kg

Order Code SSF-522
-6567C

SITESAFE Post Hole Bar - Chisel End

Steel Post hole digging bar manufactured from high grade heat treated steel bar with one chisel point and one tamper head. The post hole digger has a 60mm mushroom head at one end and a bevelled chisel edge at the other. It is frequently used for digging small holes in earth.

Overall length: 1800mm.
Blade size: 230 x 60mm.
Weight: 8.00kg

Order Code SSF-522
-6568D

SITESAFE Post Hole Diggers

Post hole diggers have a steel oval mouth shovel blade which are hinged in opposition for easy use and soil removal. A closure stop on the shafts keeps the blades in parallel when driving downward into the ground creating a neat post hole while minimising the need for backfill.

-6565A
Hinged action
Overall length: 1500mm.
Blade size: 240 x 135mm.
Max. opening: 150mm.

-6566B
Scissor action
Overall length: 1730mm.
Blade size: 360 x 220mm.
Max. opening: 550mm.

Weight each	Order Code SSF-522
1.15kg	-6565A
6.50kg	-6566B

SITESAFE Post Rammer

-6569E
All-steel post rammer is the ideal tool for driving posts into the ground. Safer and more accurate than using a sledge or club hammer.

Length: 710mm (28").
Maximum post capacity: 150mm (6") diameter.

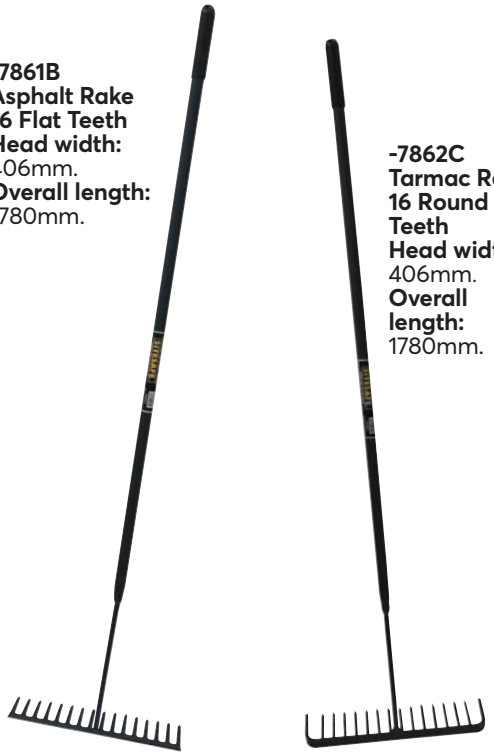
Weight each	Order Code SSF-522
14.5kg	-6569E

SITESAFE Asphalt & Tarmac Rakes

Tubular steel handle, long tang and solid steel painted head with 16 flat teeth for evenly spreading loose stocks of tarmac and asphalt.

-7861B
Asphalt Rake
16 Flat Teeth
Head width: 406mm.
Overall length: 1780mm.

-7862C
Tarmac Rake
16 Round Teeth
Head width: 406mm.
Overall length: 1780mm.



Rake Type	Order Code SSF-522
Asphalt	**-7861B**
Tarmac	**-7862C**

SITESAFE Pick Axe Handles

Manufactured to **BS 3823**. **Overall length:** 950mm (36").
-6511B - Economy
Made from genuine hickory with a waxed finish.
-6512C - Grade 1 Hickory
Handle to fit standard pick axe or mattock eye. Hickory shaft fitted with a plastic head designed for increased grip in the eye of the pick axe or mattock head once fitted.

Shaft Type	Order Code SSF-522
Economy	**-6511B**
Hickory	**-6512C**

SITESAFE General Service Shovel

A general purpose contractor's shovel. Blades is hardened and tempered with an epoxy coating.

S17112
Type: solid socket.
Handle
Type: T wooden.
Shaft: hardwood.
Blade material: carbon-manganese steel.
Blade size: (W)210mm x (H)240mm.
Overall length: 955mm.

Product Number	Order Code SSF-522
17112	**-7787H**

SITESAFE Pick Axe Head

-6510A
A solid eye navy pick head with chisel and point for the breaking of concrete.

Weight each	Order Code SSF-522
3.18kg (7lb)	**-6510A**

SITESAFE Floor Scraper

-3863A
Used for removing grease and dirt from workshop floors, preparation areas and shopping arcades etc. The steel blade is designed not to damage tiled flooring or laminates. Fitted with a wooden handle.

Overall length: 1480mm.
Blade size: 210 x 100mm.
Weight: 1.15kg.

Spare blades
-3863D
Stainless steel to suit floor scrapers.
Five hole old type.

Order Code SSF-522
-3863A
-3863D

SITESAFE Roofing Scraper

-7120A
The heavy duty roofing scraper. One-piece solid steel forged blade and wooden handle.
The scraper can be re-sharpened with a hand file. Ideal for heavy duty scraping including roofing felt removal, chopping, paint removal and digging or cutting tree roots.

Overall length: 1640mm.
Blade size: 240 x 170mm.
Weight: 2.60kg.

Order Code SSF-522
-7120A

SITESAFE Earth Rammer

-3520A
Square head supplied with tubular steel metal shaft. Used for compacting areas of tarmac or asphalt or for tamping down backfill during the erection of fence posts.

Overall length: 1280mm.
Blade size:
130 x 130 x 25mm.
Weight: 4.50kg.

Order Code SSF-522
-3520A

RUTLAND™ Quality Gardening Tools — Snow Shovels & Ice Breaker

Manufactured from impact resistant ABS plastic with a hard wood shaft and plastic D-grip handle. They incorporate a moulded recess in each shovel pan for easy stacking.

Hardwood Shaft
Small
Overall length: 345 x 310 x 850mm.
Large
Overall length: 465 x 370 x 1200mm and has a metal wear strip.

Shovel Type	Order Code RTL-522
Large	-8130K

Aluminium Shaft
Lightweight aluminium shaft with a plastic sleeve and has a metal wear strip.

Dimensions (W x D x H):
465 x 370 x 1300mm.

Telescopic
This small shovel is ideal when clearing small surfaces. It is light and strong with a telescopic shaft which is perfect to be used as a car shovel.

Dimensions (W x H):
310 x 700 - 840mm.

Shovel Type	Order Code RTL-522
Telescopic	-8270K
Aluminium	-8290K

RUTLAND Quality Gardening Tools — Garden Knapsack Sprayers

Can be used for left or right handed operation. Spray lance with locking trigger and four adjustable nozzles, that clips onto handle for storage. Pressurising pump handle with grip and storage loop. Pressure release valve. Adjustable webbing shoulder straps.

16ltr capacity
Blow-moulded container with filter and fluid level graduations.

20ltr capacity
Blow-moulded container with filter and fluid level graduations long reach.

Size	Weight each	Order Code RTL-523
16ltr	3.50kg	**-4300K**
20ltr	4.00kg	**-4280K**

RUTLAND Quality Gardening Tools — Pressure Sprayer

5ltr capacity blow-moulded container with fluid level graduations. Spray lance with trigger and adjustable nozzle. Pressure release valve. Adjustable webbing shoulder strap.

Capacity	Weight each	Order Code RTL-523
5ltr	1.11kg	**-4320K**

RUTLAND Quality Gardening Tools — Trigger Hand Sprayer

Manufactured from polyethylene these robust trigger spray dispensers are suitable for many home and garden applications, will dispense various water based detergents, insecticides, soluble plant food, solvents and cleaning agents.

Capacity	Weight each	Order Code RTL-523
500ml	75g	**-4900K**
740ml	75g	**-4920K**
1000ml	75g	**-4940K**

RUTLAND Quality Gardening Tools — Hand Sprayer

High quality hand held sprayer manufactured from ABS plastic which is both shatter-proof and frost-resistant. For use with chemicals around the garden.
Capacity: 1.5ltr
Weight: 360g

Order Code RTL-523
-4360K

RUTLAND™ Quality Gardening Tools Spray Gun Set

This spray gun set comprises: Six pattern spray gun with locking trigger and snap action connector, female water stop, female fitting and universal tap connector.

Spray settings:
- Shower.
- Centre.
- Stream.
- Flat.
- Mist.
- Full.

4 PIECES

Type	Weight each	Order Code RTL-523
Spray Gun Set	197g	-4200K

RUTLAND™ Quality Gardening Tools Sprayer & Hose Fittings

Starter Kit - 4 Pieces

SNS004
- Spray settings available from jet to fan
- Snap action connector
- Compatible with Hozelock System

Set contains (1 each):
Nozzle, 1/2" water stop hose connector, hose end connector and universal tap connector

4 PIECES

No. Patterns	Order Code RTL-523
Variable	-4160K

RUTLAND™ Quality Gardening Tools Pulsating Lawn Sprinkler

- Fully adjustable distance and spray pattern with full or part circle operation and a spray coverage of up to 24m²
- **Weight:** 490g

Coverage m²	Order Code RTL-523
24	-4380K

RUTLAND™ Quality Gardening Tools Chrome Spray Gun

This heavy duty spray gun has six spray patterns, is easy to control with a comfortable grip, locking trigger and snap action connector.

Spray settings:
- Shower
- Centre
- Stream
- Flat
- Mist
- Full

No. Patterns	Order Code RTL-523
6	-4230K

RUTLAND™ Quality Gardening Tools Spray Lance

This spray lance has a pivoting head and telescopic body, making it an invaluable asset when watering hanging baskets, window boxes etc. in any location.
The telescopic arm expands from: 90cm (36") to 135cm (53").

Spray settings:
- Soaker
- Shower
- Centre
- Jet
- Flat
- Mist
- Cone

No. Patterns	Order Code RTL-523
7	-4440K

RUTLAND™ Quality Gardening Tools Garden Hoses

Multi-purpose three layer braided garden hose.

Bore size: 13mm.
Length: 50m

Order Code RTL-523
-4040K

RUTLAND™ Quality Gardening Tools Plastic Watering Can

10ltr capacity with removable plastic rose.

Capacity	Weight each	Order Code RTL-523
10ltr	452g	-4840K

RUTLAND™ Quality Gardening Tools Hose Holder

HT030
A tidy solution for storage of garden hoses and fittings.
- Wall mounted
- Compact design
- **Fitting hole diameters:** 2x 13mm (1/2"), 2x 16mm (5/8")

Hose Dia. in.	Order Code RTL-523
1/2 ; 5/8	-4090K

RUTLAND™ Quality Gardening Tools Hose Pipe Connector

HJ001
For either mending or joining hoses

Diameter: 13mm (1/2")

Hose Dia. in.	Order Code RTL-523
1/2	-4480K

RUTLAND™ Quality Gardening Tools Hose End Connector

HEC001
- Snap action
- For connecting the end of the hose to the hose tap connector

Diameter: 13mm (1/2")

Hose Dia. in.	Order Code RTL-523
1/2	-4520K

RUTLAND™ Quality Gardening Tools Universal Tap Connector

TCT001
- Male snap action connector
- Can be attached to any tap with either a 1/2" or 3/4" BSP fitting

Weight: 23g

Hose Dia. in.	Order Code RTL-523
1/2 ; 3/4	-4530K

RUTLAND™ Quality Gardening Tools Double Ended Hose Pipe Connector

SCM002
- 2-way male connector
- Snap action
- For connecting two hoses with both female fittings on the end

Diameter: 13mm (1/2")

Hose Dia. in.	Order Code RTL-523
1/2	-4460K

RUTLAND™ Quality Gardening Tools Clamp-on Tap Connector

TCC001
- Male snap action tap
- Flexible coupler on the other end which fits most taps
- Tightened onto the tap by twisting the butterfly screw

Weight: 47g

Hose Dia. in.	Order Code RTL-523
1/2	-4500K

RUTLAND™ Quality Gardening Tools — Heavy Duty Garden Bag

170ltr capacity garden bag with a unique strengthener around the mouth and three handle design. Tough woven polyethylene fabric with tear resistant stitching for longer usage. UV treated for extra long life and stays rot-proof for years.

Order Code RTL-523
-9800K

RUTLAND™ Quality Gardening Tools — Polypropylene Bulk Bags

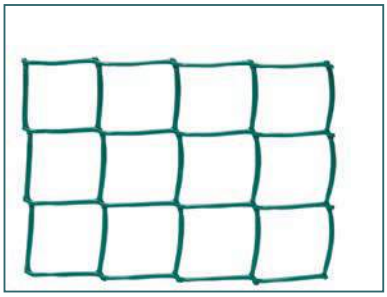
NEW

- Manufactured from durable polyproylene to guarantee hold under intense weight
- Supplied in a neutral white colour to suit any workplace
- Versatile in its uses and can be used to store whatever bulky items you desire
- Made from 30% recycled plastic for a more eco-friendly option
- Available in three sizes to suit your needs
- Four corner loops help to move and transport loads
- 1000kg maxiumum working load for heavy duty storage

Overall length	Overall width	Order Code RTL-523
900mm	900mm	-0000P

RUTLAND™ Quality Gardening Tools — Plastic Garden Fencing

Maintenance free and does not rot or rust, is strong and UV stabilised and is resistant to weed killers and fertilisers. Can be cut to size. **Size:** 1.0 x 10m.



Roll Size	Order Code RTL-523
1.0 x 10m	-5300K

RUTLAND™ Quality Gardening Tools — Multi-Purpose Black Tubs

Multi-purpose tubs made from high impact plastic with rope handles. Ideal for moving and storing household or work items, can be used both indoors and out.

-4660K

-4640K

Capacity	Order Code RTL-523
Black	
40ltr	-4640K
65ltr	-4660K

RUTLAND™ Quality Gardening Tools — Flexible Gardening Bucket

Extremely versatile and virtually indestructible. it can be used for moving soil, garden waste, rubble and various other jobs around a garden or building site.

Size: 460mm diameter.

Size	Weight each	Order Code RTL-523
42ltr	200g	-4880K

KENNEDY QUALITY INDUSTRIAL TOOLING Camp Axe

One piece solid steel shaft with rubber grip. Supplied with protective head cover.
Overall length: 345mm.

Head Size (oz/g)	Weight per 6	Order Code KEN-525
20/566	6.20kg	**-9090K**

KENNEDY QUALITY INDUSTRIAL TOOLING Chopping Axe

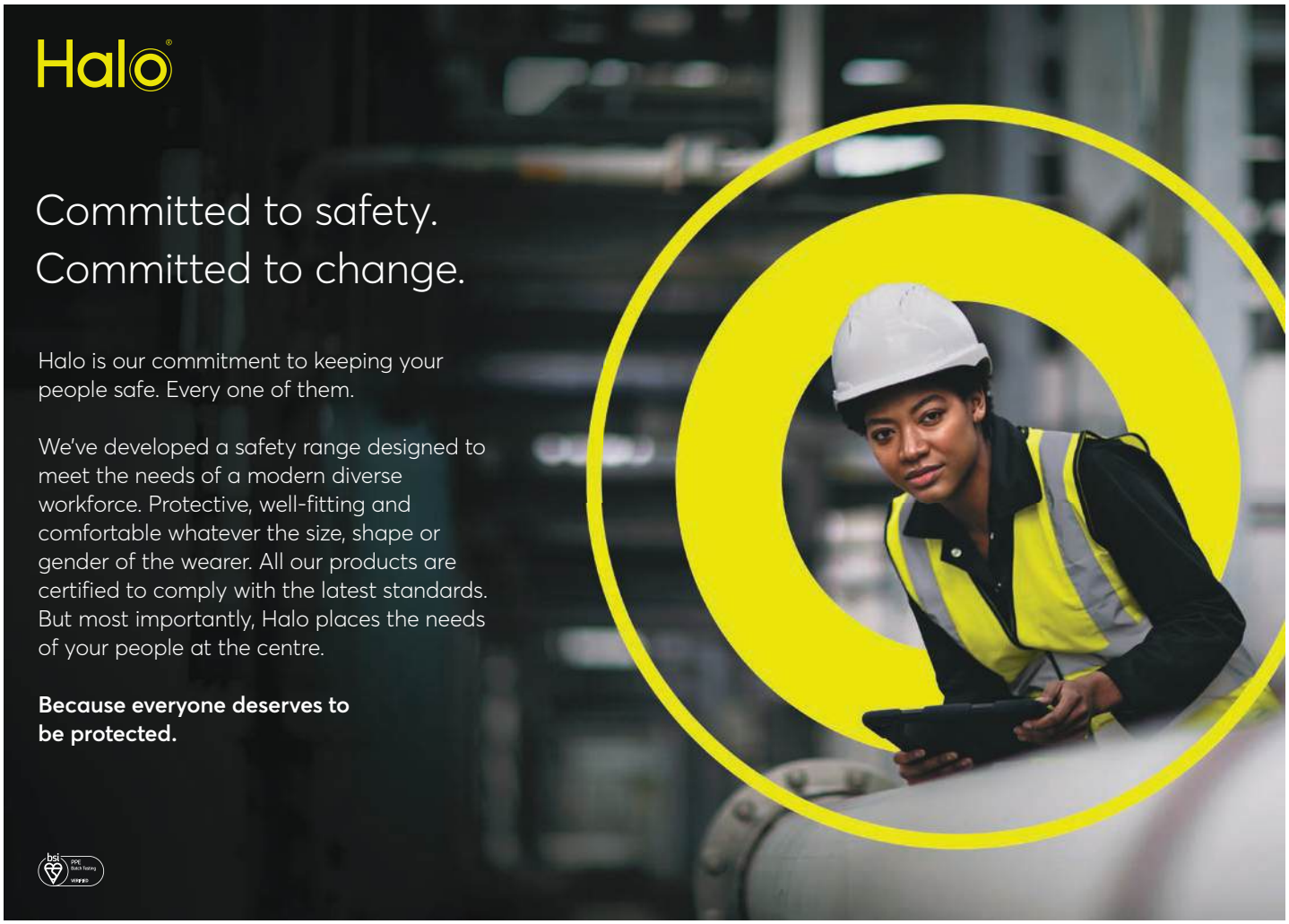
Heat treated tubular steel shaft with rubber grip. Drop forged polished and lacquered head. Supplied with protective head cover. Belt slits in head cover offering hands free storage whilst in transit.
Overall length: 335mm.

Head Size (oz/g)	Weight per 6	Order Code KEN-525
16/453	5.40kg	**-9110K**

KENNEDY QUALITY INDUSTRIAL TOOLING Felling Axe

Suitable for felling small trees, chopping off branches and splitting logs. High quality tool steel blade, polished and lacquered. Finely sanded hickory handle, shaped for maximum user comfort. Part painted head and handle for durability. 900mm hickory shaft. 2½" x ¾" eye.

Head Size (lb)	Length (mm)	Weight per 6	Order Code KEN-525
4½	900	23.0kg	**-9130K**



HAMMERS

We offer a variety of hammer types and handles to suit your needs, whether you are an engineer, metalworker, in general construction, carpenter, brickworker or upholsterer, we have a hammer to suit you.

SHAFT TYPES

Fibreglass
High resin content with continuous filament fibreglass with injected moulded outer grip. Lightweight and Anti-vibration.

Hickory
American Hickory for general durability use and with clear lacquer finish. Ability to absorb impacts well.

Hardwood
Quality hardwood shaft for general use

All Steel
Solid One piece virtually unbreakable. with anti-slipping grip. Grip material is environment friendly and recyclable.

Tubular Steel
Oval shape tubular shaft Not as stong as solid steel shafts. With anti-slipping grip.

Plastic/ Polyurethane
Lightweight and flexible shafts

HEAD TYPES

Fabrication, Machinists and Metalworking

See pages 287-288, 293

Ball Pein

Finishing Pick

Bumping

Machinists angled

Welders chipping

Metalworking and Workshop

See pages 289, 293-296

Faced

Mallets

Heavy Duty Engineering & Construction

See pages 289-290

Club/Lump

Sledge

Safe Blow

Safe Blow with inserted heads

Carpenters and Woodworking

See pages 291-292

Claw

Cross Pein

Beechwood

Brickworking

See page 292

Brick

Brick Scutch

Group 525

Safety Info

Check hammers before use.
Don't use damaged heads or handles, discard and replace

Always wear safety glasses and safety gloves

Group 960

Group 961

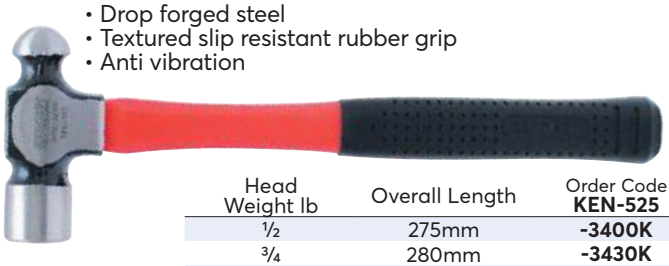
BS3823 BW/BR, Shafts

Controls the density moisture content, grain twist and finish of the timber

FABRICATION, MACHINISTS & METALWORKING

Nylon Faced Hammers - Fibreglass Shaft

- Drop forged steel
- Textured slip resistant rubber grip
- Anti vibration



Head Weight lb	Overall Length	Order Code KEN-525
½	275mm	-3400K
¾	280mm	-3430K
1	325mm	-3450K
1½	380mm	-3470K
2	383mm	-3500K

Ball Pein Hammers - Hickory Shaft

- Drop forged steel • Ground and polished face
- Crack tested
- **BS 876: 1995**

Head Weight lb	Overall Length	Order Code KEN-525
¼	275mm	-3020K
½	300mm	-3050K
¾	325mm	-3070K
1	350mm	-3100K
1½	400mm	-3150K
2	400mm	-3200K
2½	420mm	-3250K

Ball Pein Hammers - Hardwood Shaft

- Hickory Shaft
- Drop forged steel
- Harden and tampered
- Ground and polished face

Head Weight g	Head Weight oz	Overall Length	Order Code SEN-525
226	8	300mm	-2050K
450	16	350mm	-2100K
680	24	400mm	-2150K
907	32	400mm	-2200K

Pin-Ball Pein Hammer - Hickory Shaft

- Drop forged steel head
- Harden and tampered with polished face
- Head Weight: 4oz
- Overall length: 325mm

Head Weight oz	Overall Length	Order Code KEN-525
4	325mm	-8050K

Finishing Pick - Hickory Shaft

- Highly polished striking heads and cheeks with crowned faces
- Ideal for removing low spots when metal finishing
- For general use where access is difficult
- Length: 325mm
- **BS 4114**

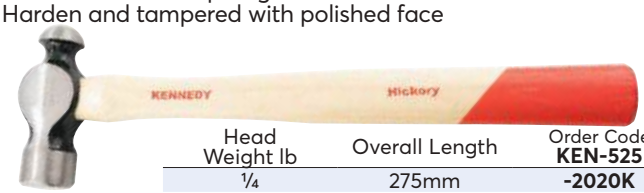
Head Weight g	Order Code KEN-525
295	-7320K

Curved Claw Hammer, Fibreglass Handle

Head weight	Overall Length	Order Code SEN-525
450g	330mm	-4460K

Ball Pein Hammers - Hickory Shaft

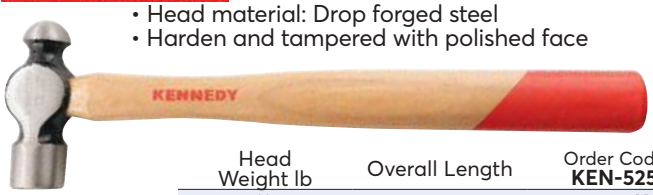
- Head material: Drop forged steel
- Harden and tampered with polished face



Head Weight lb	Overall Length	Order Code KEN-525
¼	275mm	-2020K
½	300mm	-2050K
¾	325mm	-2070K
1	345mm	-2100K
1½	400mm	-2150K
2	400mm	-2200K
2½	415mm	-2250K

Ball Pein Hammers - Hardwood Shaft

- Head material: Drop forged steel
- Harden and tampered with polished face



Head Weight lb	Overall Length	Order Code KEN-525
¼	275mm	-1020K
½	400mm	-1050K
¾	295mm	-1070K
1	350mm	-1100K
1½	395mm	-1150K
2	400mm	-1200K
2½	415mm	-1250K
3	420mm	-1300K

Ball Pein Hammer - Tubular Steel Shaft

- Slip resistant rubber grip
- Face diameter: 25mm
- Length: 320mm

Head Weight lb	Order Code KEN-525
1	-3650K

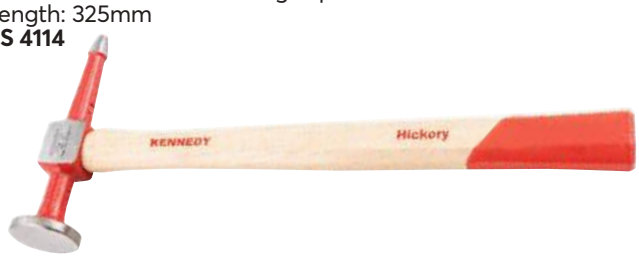
Straight Finishing Pick - Hickory Shaft

- Face diameter: 40mm
- Medium weight for general use
- Length: 325mm
- **BS 4114**

Head Weight g	Order Code KEN-525
295	-7330K

Round Finishing Pick - Hickory Shaft

- Face diameter: 40mm
- Crowned face to remove high spots
- Length: 325mm
- **BS 4114**



Head Weight g	Order Code KEN-525
265	-7340K

Bumping Hammer - Hickory Shaft

- Highly polished striking heads and cheeks
- One flat square and one round crowned face
- Crowned Face 40mm/Flat Faced 38mm
- Length: 325mm

Head Weight g	Order Code KEN-525
340	-7260K

Reverse Curve Finishing Hammer - Hickory Shaft

- Highly polished striking heads and cheeks
- High crowned radius face with convex surface
- The short head is ideal for use in confined areas
- Length: 325mm

Head Weight g	Order Code KEN-525
320	-7310K

Welder's Chipping Hammer

- Spring Steel Shaft
- Hardened and tempered steel head
- Chisel edge and striking point
- Epoxy coating

Head Weight oz.	Overall Length mm	Order Code KEN-525
7	280	-7220K

Flat Face Bumping Hammer - Hickory Shaft

- Highly polished striking heads and cheeks
- One square and one round face
- Flat Faced 38mm/Crowned Face 40mm
- Length: 325mm

Head Weight g	Order Code KEN-525
340	-7250K

Shrinking Hammers - Hickory Shaft

- Highly polished striking heads and cheeks
- One flat round face and one milled, serrated square face
- **BS4114**

Head Weight g	Order Code KEN-525
320	-7280K
390	-7290K

Machinist's Hammers - Hickory Shaft

- Suitable for use on metal • **DIN 1041**

Head Weight kg	Overall Length	Order Code KEN-525
0.5	320mm	-7420K
0.8	350mm	-7440K
1.0	360mm	-7460K
1.5	380mm	-7470K
2.0	400mm	-7480K

Welder's Chipping Hammer - Hardwood Shaft

- Used in boiler de-scaling, chipping and weld dressing
- Chisel and point striking faces
- Using tempered and hardened steel
- Overall length: 290mm

Head Weight oz	Order Code KEN-525
12	-7120K

HEAVY DUTY ENGINEERING AND CONSTRUCTION

Club Hammers - Fibreglass Shaft

- Textured slip resistant rubber grip
- Fully forged and heat treated with flat face and chamfered edge
- Anti vibration

Head Weight lb	Overall Length	Order Code KEN-525
2½	270mm	**-5720K**
3	265mm	**-5740K**
4	270mm	**-5760K**

Club Hammers - Hickory Shaft

- Drop forged steel head, hardened and tempered
- Face is flat with chamfered edge
- Overall length: 265mm
- **BS 876 : 1981**

Head Weight lb	Overall Length	Order Code KEN-525
2½	265mm	**-5450K**
3	265mm	**-5500K**
4	265mm	**-5600K**

Club Hammers - Hickory Shaft

- Drop forged steel head, hardened and tempered with polished face

Head Weight lb	Overall Length	Order Code KEN-525
2½	330mm	**-5250K**
3	265mm	**-5300K**
4	260mm	**-5400K**

METALWORKING AND WORKSHOP

Nylon Faced Hammers Stick - Hickory Shaft

- Soft faced for use where steel hammers would mark the surface
- **Overall length:** 343mm
- **Head diameter:** 55 mm

Head Weight oz	Head Dia. mm	Order Code SEN-525
16	55	**-9160K**

Rubber Mallets - Hickory Shaft

- Soft faced for use where steel hammers would mark the surface
- Provide a gentle but firm blow with little rebound
- All-purpose mallet

Head Weight oz	Head Dia. mm	Overall Length	Order Code KEN-525
8	42	280mm	**-9120K**
16	55	315mm	**-9160K**
24	65	300mm	**-9180K**

HEAVY DUTY ENGINEERING AND CONSTRUCTION

Sledge Hammers - Fibreglass Shaft

- Fully forged and heat treated with polished faces
- **BS 876: 1981**

Head Weight lb	Overall Length	Order Code KEN-525
4	350mm	**-5840K**
7	900mm	**-6180K**
10	910mm	**-6190K**
14	910mm	**-6200K**

Sledge Hammers - Hickory Shaft

- Fully forged and heat treated with polished faces
- **BS 876: 1981**

Head Weight lb	Overall Length	Order Code KEN-525
7	900mm	**-6270K**
10	900mm	**-6300K**
14	900mm	**-6340K**

Sledge Hammers - Hickory Shaft

- Fully forged and heat treated with polished faces

Head Weight lb	Overall Length	Order Code KEN-525
4	350mm	**-5940K**
7	900mm	**-6070K**
10	900mm	**-6100K**
14	900mm	**-6140K**

SafeBlower™ Hammers - Steel Shaft

- 'Shot filled' polyurethane head
- Reducing rebound whilst adding to the force of the blow

Head Weight oz	Overall Length	Order Code KEN-525
14	280mm	**-9420K**
20	300mm	**-9440K**
28	350mm	**-9460K**
38	350mm	**-9480K**
45	375mm	**-9500K**

CARPENTERS AND WOODWORKING

Curved Claw Hammers - Fibreglass Shaft

- Textured slip resistant rubber grip
- Drop forged steel head with smooth face
- Overall length: 330mm
- Anti vibration

Head Weight oz	Order Code KEN-525
16	-4460K
20	-4480K

Curved Claw Hammers - Hardwood Shaft

- Drop forged steel head with smooth face
- Length: 325mm

Head Weight oz	Order Code KEN-525
16	-4060K
20	-4100K

Curved Claw Hammers - All Steel Shaft

- Slip resistant rubber grip
- Drop forged steel head
- Length: 315mm

Head Weight oz	Order Code KEN-525
16	-4420K
20	-4430K

Curved Claw Hammers - Hickory Shaft

- Forged steel head with smooth face

Head Weight oz	Overall Length	Order Code KEN-525
16	332mm	-4160K
20	350mm	-4200K
24	335mm	-4240K

Curved Claw Hammer

- Hardwood Shaft
- For general purpose carpentry
- Drop forged steel head and hardened and tempered face
- Head weight: 16oz
- Length: 330mm

Head Weight	Head Weight	Overall Length	Overall Length	Order Code SEN-525
450g	16oz.	330mm	13in	-4060K

Curved Claw Hammers - Tubular Steel Shaft

- Slip resistant rubber grip
- Drop forged steel head
- Overall length: 325mm

Head Weight oz	Order Code KEN-525
16	-4360K
20	-4400K

CARPENTERS AND WOODWORKING

Curved Claw Hammers - Hardwood Shaft

- Shaped to comfortably fit in the hand
- Forged steel head with ground and polished face

Head Weight oz	Overall Length	Order Code KEN-525
3½	325mm	**-8040K**
8	275mm	**-8080K**
10	300mm	**-8100K**
12	300mm	**-8120K**
14	300mm	**-8140K**

BRICKWORKING

Curved Claw Hammer - Hickory Shaft

- For setting, dressing and splitting bricks, tiles, concrete etc
- With fine grain and forged steel head
- Length: 300mm

Head Weight oz	Order Code KEN-525
24	**-7060K**

Brick Hammer - Tubular Steel Shaft

- Textured slip resistant rubber grip
- For setting, and dressing and splitting bricks, tiles, concrete blocks, chipping mortar etc
- Head size: 20oz
- Length: 290mm

Head Weight oz	Order Code KEN-525
20	**-7070K**

UPHOLSTERY

Magnetic Upholster - Hickory Shaft

- For holding and driving tacks
- Overall length: 273mm

Head Weight oz	Order Code KEN-525
7	**-7550K**

FABRICATION, MACHINISTS & METALWORKING

Bossing - Pear Shaped Mallets - Wooden Shaft

- Polythene mallet heads, suitable for high impact applications.

Head Weight g	Head Dia. mm	Order Code THO-527
200	50	**-0378S**
280	60	**-0379V**
395	70	**-0380B**

Hammer Tinmens - Cylindrical Mallets - Wooden Shaft

- Polythene mallet heads, suitable for high impact applications.

Head Weight g	Head Dia. mm	Order Code THO-527
180	40	**-0370A**
240	45	**-0371C**
320	50	**-0372E**
480	60	**-0373G**
610	70	**-0374J**
950	80	**-0375L**

METALWORKING AND WORKSHOP

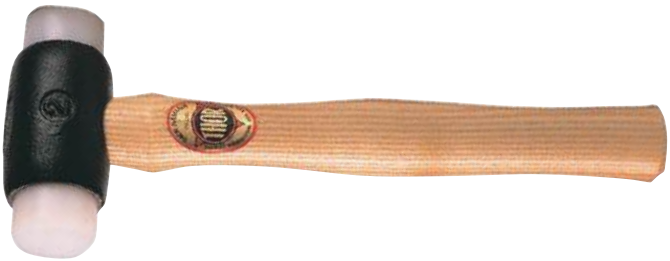
Nylon Faced Hammers Stick - Polypropylene shaft

- Two screw-on all purpose striking faces
- Chrome plated head
- Soft feel dual material grip
- Overall length: 305mm

Head Weight g	Face Dia. mm	Order Code KEN-527
435	32	**-3040K**
627	38	**-3060K**
800	44	**-3080K**
1185	50	**-3100K**

Super Plastic Hammers - Wooden Shaft

- Malleable iron head
- Fitted with two white high molecular weight polythene striking faces for high impact applications



Product No.	Head Weight g	Overall Length	Head Dia. mm	Order Code THO-527
18-908	270	230mm	25	**-0400A**
18-910	590	270mm	32	**-0401B**
18-912	790	305mm	38	**-0402C**
18-914	1300	305mm	44	**-0403D**
18-916	1900	355mm	50	**-0404E**
18-922	3100	405mm	70	**-0405F**

Hammer Standard Rubber Mallets - Wooden Shaft

- All purpose mallet used widely for automotive, industrial, DIY and camping etc.

Product No.	Head Weight g	Head Dia. mm	Overall Length	Order Code THO-527
61-952	310	54	320mm	**-0431P**
61-953	550	64	340mm	**-0432Q**
61-954	800	75	380mm	**-0433R**
61-957	1200	90	380mm	**-0434S**

Nylon Face Hammers - Wooden Shaft

Thorex
- Chrome plated head
- Wooden shaft handle
- Two screw on nylon striking faces

Product No.	Head Weight g	Head Dia. mm	Overall Length	Order Code THO-527
12-708N	250	25	250mm	**-0320N**
12-710N	385	32	270mm	**-0321P**
12-712N	570	38	270mm	**-0322Q**
12-714N	760	44	305mm	**-0323R**
12-716N	1230	50	330mm	**-0324S**
12-720N	2200	63	355mm	**-0325T**

Nylon Face Hammers - Plastic Shaft

Thorex
- Chrome plated head with two screw on nylon striking faces

Product No.	Head Weight g	Head Dia. mm	Overall Length	Order Code THO-527
11-710	445	32	300mm	**-0203D**
11-712	650	38	305mm	**-0205F**
11-714	850	44	305mm	**-0207H**
11-716	1230	50	305mm	**-0208S**

Plastic Face Hammers - Wooden Shaft

Thorex
- Chrome plated head
- Two screw on medium hardness plastic striking faces
- Non-slip textured PVC grip

Product No.	Head Weight g	Head Dia. mm	Overall Length	Order Code THO-527
07-406	150	19	250mm	**-0200A**
07-408	250	25	250mm	**-0201B**

Plastic Face Hammers - Plastic Shaft

Thorex
- Chrome plated head
- Two screw on medium hardness plastic striking faces
- With non-slip textured PVC grip

Product No.	Head Weight g	Head Dia. mm	Overall Length	Order Code THO-527
07-410	450	32	270mm	**-0202C**
07-412	675	38	290mm	**-0204E**
07-414	900	44	305mm	**-0206G**
07-416	1250	50	305mm	**-0208J**

Aluminium Faced Hammers - Wooden Shaft

- Malleable iron head
- Two ductile aluminium faces

Product No.	Head Weight g	Head Dia. mm	Overall Length	Order Code THO-527
05-A308	300	25	230mm	**-0500A**
05-A310	630	32	270mm	**-0501B**
05-A312	920	38	305mm	**-0502C**
05-A314	1440	44	305mm	**-0503D**
05-A316	2100	50	355mm	**-0504E**

Hammer Rawhide Soft Faced Hammers - Wooden Shaft

- Malleable iron head
- Two Rawhide manufactured from genuine water buffalo hide

Product No.	Head Weight g	Head Dia. mm	Overall Length	Order Code THO-527
01-008	425	25	230mm	**-0100A**
01-010	830	32	270mm	**-0101B**
01-012	1260	38	305mm	**-0102C**
01-014	1940	44	305mm	**-0103D**
01-016	2830	50	355mm	**-0104E**
01-022	3350	70	405mm	**-0105F**
01-022L	6000	70	915mm	**-0106G**

Thor Hammer Copper Soft Faced Hammers - Wooden Shaft

- Malleable iron head
- Two pure electrolytic copper faces

Product No.	Head Weight g	Head Dia. mm	Overall Length	Order Code THO-527
04-308	425	25	230mm	**-0160G**
04-310	830	32	270mm	**-0161H**
04-312	1260	38	305mm	**-0162J**
04-314	1940	44	305mm	**-0163K**
04-316	2830	50	355mm	**-0164L**
04-316WT	2830	50	355mm	**-0164T**
04-317	3350	50	760mm	**-0165M**
04-322	6000	70	915mm	**-0167P**

Thor Hammer Rawhide and Copper Faced Hammers - Wooden Shaft

- Malleable iron head
- Rawhide and pure electrolytic copper striking face

Product No.	Head Weight g	Head Dia. mm	Overall Length	Order Code THO-527
03-208	335	25	230mm	**-0150A**
03-210	710	32	270mm	**-0151B**
03-212	1070	38	305mm	**-0152C**
03-214	1600	44	305mm	**-0153D**
03-216	2380	50	355mm	**-0154E**
03-222	5000	70	915mm	**-0155F**

White Rubber Mallets - Wooden Shaft

- Will not leave marks on work surfaces.
- Suitable for woodworking, window frame manufacturers, shop fitters and car trim etc.

Product No.	Head Weight g	Head Dia. mm	Order Code THO-527
61-952W	375	54	**-0446E**
61-953W	675	64	**-0448G**
61-954W	970	75	**-0450J**
61-957W	1450	90	**-0452L**

Hammer Solid Copper Mallet - Plastic Shaft

- **Head material:** Copper
- **Overall length:** 310mm

Product No.	Head Weight g	Head Dia. mm	Overall Length	Order Code THO-527
24-5704	930	38	310mm	**-0479L**

Dead Blow Hammers - Aluminium Alloy Shaft

- Hollow die cast head partially filled with steel shot
- Shock absorbent non-slip rubber grip
- Supplied with two screws in replaceable white nylon faces

Product No.	Head Weight g	Head Dia. mm	Overall Length	Order Code THO-527
20-1010	550	32	275mm	**-0455M**
20-1212	700	38	305mm	**-0456N**
20-1414	900	44	310mm	**-0457P**
20-1616	1150	50	325mm	**-0458Q**
20-2020	1850	63	370mm	**-0459R**

Thor Hammer Cylindrical Hardwood Mallets - Wooden Shaft

- Compressed and laminated wooden mallet head with flush fitting fibreglass hoops to prevent the head from splitting.

Product No.	Head Dia. mm	Overall Length	Order Code THO-527
62-8050	50	300mm	**-0341B**
62-8060	54	320mm	**-0342C**
62-8070	67	360mm	**-0343D**

Hammer Rawhide Mallets - Wooden Shaft

- **Head material:** Copper
- **Overall length:** 310mm

Product No.	Head Dia. mm	Overall Length	Order Code THO-527
02-108	25	275mm	**-0130G**
02-110	32	275mm	**-0131H**
02-112	38	275mm	**-0132J**
02-114	44	305mm	**-0133K**
02-116	50	305mm	**-0134L**
02-120	63	345mm	**-0135M**

Size 2 Copper and Hide Hammer

- Delivers a heavy blow accurately and firmly
- Faces are one piece moulded and designed to wear for easy replacement
- Copper face gives a high impact blow whilst the hide face offers non marking forces
- Robust wooden handle allows the user to wield the product comfortably
- Replacement Copper Face ref 71-312C
- Replacement Hide Face ref 70-12R

Head Dia. (mm)	Head Weight (g)	Order Code THO-527
32	775	**-0157R**
38	1080	**-0158D**

Copper Faced Hammer

- Double faced design gives the product twice the longevity
- Solid wooden handle is highly durable and allows the user to effectively deliver firm blow
- Faces are designed to be replaced when worn
- Impact resistant striking faces ensure minimal damage is done to the workpiece whilst also minimising rebound and noise pollution

Head Dia. (mm)	Head Weight (g)	Order Code THO-527
50	2920	**-0164N**
44	1975	**-0173F**

Aluminium & Plastic Hammers

- Constructed with one plastic and one aluminium face, with a malleable iron head, to give a safe but high-impact blow
- The plastic face provides high impact, durability and high abrasion resistance
- Fitted with a plastic handle which provides a secure grip, excellent head to handle security and shock absorbing qualities
- Faces are designed to wear and can be replaced

Head Weight (g)	Head Diameter (mm)	Total Length (mm)	Order Code THO-527
650	32	305	**-0190A**
900	38	305	**-0192C**

Aluminium Faced Hammers

Malleable iron head fitted with solid shaft and two ductile aluminium faces.

Product Number	Size Ref.	Face Ø (mm)	Length (mm)	Weight each (g)	Order Code THO-527
05-A322	5	70	915	4250	**-0507H**

Wood Shaft Copper Mallets

Ideal for positive blows on highly finished or closely ground machined parts throughout the Aircraft, Automotive or Shipping Industries.

Head Weight (g)	Head Diameter (mm)	Total Length (mm)	Order Code THO-527
250	25	250	**-0477J**
1320	44	325	**-0480M**

30cm Schonhammer with Two Hammer Heads

- Replaceable hammerheads for versatile use in multiple applications
- Patented locking system enhances safety and working environment
- Shock and spark-resistant hammerheads for increased safety
- Well-balanced handle for improved control and comfort
- Weather-resistant and easy to clean for longevity and maintenance ease

Number of Pieces	Overall Length (mm)	Order Code KEN-527
3	300	**-3539N**

Replacement Hammerheads

Face Hardness	Face Material	Order Code KEN-529
Soft	TPE	**-1437Z**
Medium Soft	TPE	**-1438A**
Extra Hard	Plastic	**-1438B**
Extra Hard	Nylon	**-1438C**
Soft	Brass	**-1438D**

Replaceable Hard Nylon Faces

- All purpose face suitable light and heavy duty applications
- To suit nylon faced hammers and safeblow hammers

Face Dia. mm	Order Code KEN-529
32	-3040K
38	-3060K
44	-3080K
50	-3100K

Spare Rubber Faces

- Spare striking faces for the Junior Rubber Faced Hammer (THO-527-0550D).

Product No.	Face Dia. mm	Order Code THO-529
75-612SF	40	-0282R

Spare Faces - Super Plastic

- For malleable iron head hammers and split head hammers

Product No.	Face Dia. mm	Order Code THO-529
77-908SPF	25	-0411G
77-910SPF	32	-0412H
77-912SPF	38	-0413J
77-914SPF	44	-0414K
77-916SPF	50	-0415L
77-922SPF	70	-0416M

Hammer Spare Screw-on Faces

For Thorex nylon faced and Thorace hammers.
Easy to change, simply screw in. Faces are colour coded to allow easy identification of material type and hardness.

Nylon: For malleable iron head hammers and split head hammers
Orange: Polyurethane plastic medium hardness shore D45-55
Yellow: ABS extra hard rockwell R103. For specia applications
White: Hard nylon shore D61-65. All purpose face suitable for light and heavy duty applications
Brown: Tough polyurethane shore D58-62. Abrasive resistant suitable for striking sharp surfaces
Grey: Soft PVC shore A63-73. Will not mark finished surfaces
Red: Polyurethane medium plastic shore D45-55. For light hammering applications.

Spare Faces - Nylon

Product No.	Face Dia. mm	Order Code THO-529
76-125NF	32	-0125L
76-150NF	38	-0126M
76-175NF	44	-0127N
76-200NF	50	-0128P
76-275NF	70	-0129R

Spare Faces - Nylon

Product No.	Face Dia. mm	Order Code THO-529
73-408AF	25	-0216L
73-410AF	32	-0219P

Spare Screw-on Faces - White

Product No.	Face Dia. mm	Order Code THO-529
76-708NF	25	-0335A
76-710NF	32	-0336B
76-712NF	38	-0337C
76-714NF	44	-0338D
76-716NF	50	-0339E
76-720NF	63	-0340F

Spare Screw-on Faces - Brown

Product No.	Face Dia. mm	Order Code THO-529
76-710TF	32	-0361B
76-712TF	38	-0362C
76-714TF	44	-0363D
76-716TF	50	-0364E
76-720TF	63	-0365F

Spare Screw-on Faces - Grey

Product No.	Face Dia. mm	Order Code THO-529
76-708VF	25	-0380M
76-710VF	32	-0381N
76-712VF	38	-0382P
76-714VF	44	-0383Q
76-716VF	50	-0384R

Spare Screw-on Faces - Red

Product No.	Face Dia. mm	Order Code THO-529
76-708PF	25	-0340K
76-710PF	32	-0340M
76-712PF	38	-0340P
76-714PF	44	-0340R
76-716PF	50	-0340X

Thorex nylon range only

Spare Screw-on Plastic Faces - Orange

Product No.	Face Dia. mm	Order Code THO-529
73-406PF	19	-0215K
73-408PF	25	-0217M
73-410PF	32	-0220Q
73-412PF	38	-0223T
73-414PF	44	-0226X
73-416PF	50	-0230A

Spare Screw-on Faces - Yellow

Product No.	Face Dia. mm	Order Code THO-529
76-710AF	32	-0321B
76-712AF	38	-0322C
76-714AF	44	-0323D
76-716AF	50	-0324E

Hammer Spare Faces - Aluminium

• For malleable iron head hammers and split head hammers

Product No.	Face Dia. mm	Order Code THO-529
72-310AF	32	**-0141E**
72-312AF	38	**-0142F**

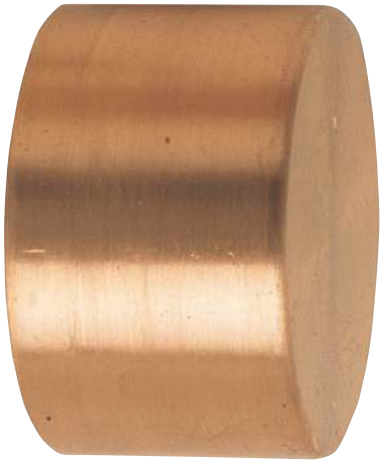
Hammer Spare Faces - Rawhide

• For malleable iron head hammers and split head hammers

Product No.	Face Dia. mm	Order Code THO-529
70-08R	25	**-0115A**
70-10R	32	**-0116B**
70-12R	38	**-0117C**
70-14R	44	**-0118D**
70-16R	50	**-0119E**
70-22R	70	**-0120F**

Hammer Spare Faces - Copper

• For malleable iron head hammers and split head hammers



Product No.	Face Dia. mm	Order Code THO-529
71-308C	25	**-0171N**
71-310C	32	**-0172P**
71-312C	38	**-0173Q**
71-314C	44	**-0174R**
71-316C	50	**-0175S**
71-322C	70	**-0176T**

Spare Striking Faces

For the Thorex nylon faced hammers. Easy to change, simply screw in. The striking faces are colour coded to allow easy identification of material type and hardness.

Product Number	Face Ø (mm)	Weight Per 10	Order Code THO-529
Grey - Soft			
73-410AF	32	25g	**-0221R**

YOU CAN
WITH
KENNEDY.
Throughout your working life, Kennedy is working to support you – with the tools you need to do the best job you can. We're there when you start your career. We're with you as you build your professional reputation. We're here to help you achieve your full potential in your industry. The work starts today.
KENNEDY®

KENNEDY QUALITY INDUSTRIAL TOOLING Hammer Shafts

Made from genuine hickory with a waxed finish.
Manufactured to **BS 3823**.

Pick Axe - Hickory

Length (mm)	For Head Weight	Weight each	Order Code KEN-530
920	8.5lb	950g	**-3600K**

Pick Axe - Economy

Length (mm)	For Head Weight	Weight each	Order Code KEN-530
920	8.5lb	950g	**-3610K**

KENNEDY QUALITY INDUSTRIAL TOOLING Sledge Hammer Shafts

- Made from Grade 'A' hickory with a waxed finish
- **BS 3823**

Head Weight lb	Length Inch	Order Code KEN-530
4	24	**-2240K**
7	30	**-2300K**
10/14	36	**-2360K**

KENNEDY QUALITY INDUSTRIAL TOOLING Club Hammer Shaft

- Hickory shaft with a waxed finish
- Replacement club hammer shaft
- Also suitable for hammers with a similar eye such as: Scutch, Walling, Brick and Masons
- **BS 3823**

For Head Weight lb	Order Code KEN-530
2½ - 4	**-1100K**

KENNEDY QUALITY INDUSTRIAL TOOLING Claw Hammer Shafts

- Hickory
- Waxed finish
- Suitable for claw hammers with a rectangular shaped eyes
- **B3823**

Head Weight oz	Order Code KEN-530
13 to16	**-3130K**
20 to 24	**-3140K**

KENNEDY QUALITY INDUSTRIAL TOOLING Standard Hammer Shafts

- Hickory
- Waxed finish
- Suitable for claw hammers with a rectangular shaped eyes
- **B3823**

Head Weight lb	Order Code KEN-530
¼	**-0110K**
½	**-0120K**
1	**-0130K**
1½	**-0150K**
2	**-0160K**
3	**-0180K**

KENNEDY QUALITY INDUSTRIAL TOOLING Hammer Wedges

- Manufactured from high grade steel

Head Weight oz	Wedge Size	Order Code KEN-530
up to 12oz	Size 1	**-4510K**
14oz to 2½lb	Size 2	**-4520K**
3lb to 7lb	Size 3	**-4530K**
10lb to 28lb	Size 4	**-4540K**
Above 28lb	Size 5	**-4550K**

KENNEDY PROFESSIONAL File Handles

Polypropylene file handles with integral hanging hole and covered with a ribbed rubber grip for increased purchase and added comfort.

Available in three sizes:
0, 1 and 2.

Size	Suitable File Length (mm)	Order Code **KEN-531**
No. 0	100 - 150	**-5000K**
No. 1	200 - 250	**-5010K**
No. 2	300 - 400	**-5020K**

KENNEDY QUALITY INDUSTRIAL TOOLING Moulded Plastic File Handles

- Contoured grip improves user comfort and control
- Manufactured from durable plastic for overall resilience and product longevity
- Possesses a hanging hole for ease of storage
- Bright orange colour improves visibility and ensures you do not lose the product when on a busy site

Handle Length mm	Size	File Length in.	Order Code **KEN-531**
110	1	8"-10"	**-5940K**

KENNEDY QUALITY INDUSTRIAL TOOLING Standard Wooden File Handles

Suitable for traditionally tanged engineer's files. With steel ferrule.

Handle Length	Suitable File Length	Weight each	Order Code **KEN-531**
75mm	4" - 6"	20g	**-5300K**
100mm	8"	25g	**-5400K**
125mm	10"	45g	**-5500K**
150mm	12" - 16"	60g	**-5600K**

Power. Precision. Perfection. KOBE

KENNEDY QUALITY INDUSTRIAL TOOLING Short & Long Handled Wall Scrapers

Wall scrapers that help remove wallcoverings, paint, floor and wall tiles more easily. The blunt side of the blade is useful for stripping off paint, removing wallcoverings and tiles, whilst the sharp edge will easily remove paint from glass. Blades are easily changed and replaced.

Type	Overall length	Weight each	Order Code KEN-533
Short	200mm	140g	**-0580K**
Long	315mm	160g	**-0600K**
100mm Scraper Blades (Pk 10)		65g	**-0620K**

SENATOR QUALITY TOOLING President Decorator's Tools

High carbon, clear lacquered steel blades with quality wooden handles and half tang fixing. Suitable for general duty and household use.

Scrapers (Half Tang)

Filling Knives (Half Tang)

Blade Length x Width (mm)	Weight per 12	Order Code SEN-533
Scrapers (Half Tang)		
100 x 140	1.50kg	**-1700K**
100 x 100	1.20kg	**-1720K**
90 x 75	1.10kg	**-1740K**
115 x 65	1.00kg	**-1760K**
90 x 50	0.90kg	**-1780K**
80 x 35	0.80kg	**-1800K**

Blade Length x Width (mm)	Weight per 12	Order Code SEN-533
Filling Knives (Half Tang)		
100 x 140	1.30kg	**-1500K**
100 x 100	1.10kg	**-1520K**
100 x 80	1.00kg	**-1540K**
115 x 65	0.95kg	**-1560K**
90 x 50	0.85kg	**-1580K**
85 x 35	0.75kg	**-1600K**

KENNEDY QUALITY INDUSTRIAL TOOLING Scrapers

(Scale Tang)

Heavy duty, with scale tangs, tempered flexible steel blades and polished rosewood handles. Polished sharp blade for removing paint and wall coverings.

Blade Length x Width (mm)	Weight per 12	Order Code KEN-533
125 x 25	1.20kg	**-0400K**
125 x 38	1.20kg	**-0410K**
125 x 50	1.40kg	**-0450K**
125 x 63	1.45kg	**-0490K**
125 x 75	1.50kg	**-0530K**
150 x 100	1.60kg	**-0570K**

KENNEDY QUALITY INDUSTRIAL TOOLING Comfort Grip Scrapers

(Scale Tang)

Heavy duty, with scale tangs, tempered flexible steel blades and Bi-material comfort grips.

Blade Length x Width (mm)	Weight per 12	Order Code KEN-533
125 x 25	1.20kg	**-5410K**
125 x 50	1.40kg	**-5420K**
150 x 75	1.50kg	**-5430K**

KENNEDY QUALITY INDUSTRIAL TOOLING Filling Knives

(Scale Tang)

Heavy duty, with scale tangs, tempered flexible steel blades and polished rosewood handles. For applying and smoothing filler to cracks and holes.

Blade Length x Width (mm)	Weight per 12	Order Code KEN-533
125 x 50	1.30kg	**-0650K**
150 x 75	1.35kg	**-0680K**

SENATOR QUALITY TOOLING Putty Knives

Half Tang
Available in traditional chisel pattern.

Chisel Point

Blade Length x Width (mm)	Weight per 12	Order Code SEN-533
57 x 38 Chisel	0.70kg	-1840K

KENNEDY QUALITY INDUSTRIAL TOOLING Putty Knives

Scale Tang
Heavy duty, with scale tang, tempered flexible steel blade and polished rosewood handle. Traditional pattern glazier tool.

Clipt Point

Chisel Point

Blade Length x Width (mm)	Weight per 12	Order Code KEN-533
115x38 Clipt	1.20kg	-0860K
115x38 Chisel	1.20kg	-0960K

KENNEDY QUALITY INDUSTRIAL TOOLING Wood Scraper Four Edge Bi-Material Grip

- For scraping paint and varnish off wood
- High carbon steel four edged blade
- Convex edges to reduce surface damage
- Bi-material handle comfort grip
- 38mm (1 ½") or 64mm (2 ½") blade width

Replacement blade

Blade Length	Size LxW (mm)	Order Code KEN-533	Order Code KEN-533
7	70 x 65	-1810K	-1830K

KENNEDY PROFESSIONAL Window Scraper

Bi-material design provides users with a comfortable non-slip grip.Blade storage in handle.

- Blade length: 40mm
- Blade width: 10mm
- Overall length: 245mm
- Blade material: Steel
- Point type: Chisel point

Overall Length (mm)	Order Code KEN-533
245	-1100K

KENNEDY QUALITY INDUSTRIAL TOOLING Combi Shave Hook

Scale Tang
Heavy duty blade and quality wooden handle. For removing paint from flat, concave and convex mouldings.

Overall Length	Weight per 6	Order Code KEN-533
180mm	2.70kg	-1070K

SENATOR QUALITY TOOLING Combi Shave Hook

Half Tang
High carbon, clear lacquered steel blade with quality wooden handles.

Overall Length	Weight per 12	Order Code SEN-533
200mm	1.30kg	-1900K

KENNEDY QUALITY INDUSTRIAL TOOLING Hacking Knife

Scale Tang
Originally designed for chipping out old putty. The tough construction allows it to be used with a hammer.

Blade Length x Width (mm)	Weight per 12	Order Code KEN-533
115 x 30	2.40kg	-1060K

KENNEDY QUALITY INDUSTRIAL TOOLING Window Scraper

Snap resistant polypropylene handle.
Supplied with hardened steel blade and removable plastic cover.
Suitable for scraping paint off glass.

Overall Length (mm)	Weight each	Order Code KEN-533
170	55g	-1090K

KENNEDY QUALITY INDUSTRIAL TOOLING Clipt Shoe Knife

Scale Tang
With heavy duty blade and quality wooden handle. General purpose cutting knife for many different applications.

Blade Length x Width (mm)	Weight per 12	Order Code KEN-533
100 x 25	870g	-1000K

KENNEDY QUALITY INDUSTRIAL TOOLING Hooked Lino Knife

Scale Tang
With heavy duty blade and quality wooden handle. For cutting linoleum and comparable materials.

Blade Length x Width (mm)	Weight per 12	Order Code KEN-533
90 x 25	1.50kg	-1020K

KENNEDY QUALITY INDUSTRIAL TOOLING Paste Brush

Easy clean synthetic bristle. Resin set in a nickel plated ferrule with plastic handle suitable for the easy spreading of wallpaper paste.

Width (mm)	Order Code KEN-533
120 (4¾")	-1500K

KENNEDY QUALITY INDUSTRIAL TOOLING Palette Knives

Scale Tang
Heavy duty, with scale tang, tempered flexible steel blades and polished rosewood handles. Used for mixing paints, spreading printing inks, folding pigments etc.

Blade Length)	Weight each	Order Code KEN-533
100mm	60g	-5540K
150mm	88g	-5560K
200mm	159g	-5580K

SENATOR QUALITY TOOLING Seam Roller

Plastic head.

Overall Length x Wheel Width	Weight per 12	Order Code SEN-533
180 x 38mm	0.60kg	-1920K

KENNEDY QUALITY INDUSTRIAL TOOLING Paper Hanging Shears

All metal, with stainless steel blades to produce perfect cuts.

Length (mm)	Weight each	Order Code KEN-533
255 (10")	270g	-2200K

KENNEDY PROFESSIONAL Professional Paint Brushes - Synthetic

A range of long lasting synthetic filament paint brushes specifically designed for the professional for achieving very fine finishes with all paints and available in a range of sizes from ½" to 4". With cushioned rubber grip handles.

6 Piece Set
1x ½", 3x 1", and 2x 2".

14 Piece Set:
4x ½", 4x 1", 4x 2", 1x 3", and 1x 4".

6 PIECES

Width (mm)	Order Code KEN-533
13 (½")	-6762K
25 (1")	-6764K
38 (1½")	-6766K
50 (2")	-6768K
75 (3")	-6772K
100 (4")	-6776K

Number of pieces	Order Code KEN-533
6 Piece Set	-6790K
14 Piece Set	-6794K

KENNEDY PROFESSIONAL Professional Paint Brushes

High quality lacquered wood handles. Chrome plated lapped and pressed ferrules. Long pure black high quality bristles. Hard wearing brushes designed to give long life and the finest of finishes for the true craftsman.

*With plastic handle.

6 PIECES

5 Piece Set
1x 13, 25, 38, 50 and 75mm.

6 Piece Set
3x 25mm, 2x 50mm and 1x 13mm.

11 Piece Set
3x 25 and 50mm, 2x 13mm, 1x 19, 38 and 75mm.

Width (mm)	Weight per 12	Order Code KEN-533
13 (½")*	0.30kg	-5020K
19 (¾")	0.65kg	-5030K
25 (1")	0.70kg	-5040K
38 (1½")	0.95kg	-5050K
50 (2")	1.50kg	-5060K
63 (2½")	1.75kg	-5070K
75 (3")	2.50kg	-5080K
100 (4")	3.40kg	-5090K

Number of Pieces	Weight each	Order Code KEN-533
5	390g	-5130K
6	340g	-5170K
11	635g	-5140K

KENNEDY QUALITY INDUSTRIAL TOOLING Industrial Paint Brushes

Plastic handles. Chrome plated lapped and pressed ferrules. Pure bristles vulcanised in rubber. Designed to give excellent results at an affordable price. For DIY and trade use.

14 Piece Set
4x 13, 25 and 50mm, 1x 75 and 100mm.

14 PIECES

Width (mm)	Weight per 12	Order Code KEN-533
13 (½")	0.25kg	-1120K
25 (1")	0.55kg	-1140K
38 (1½")	0.70kg	-1160K
50 (2")	1.10kg	-1180K
75 (3")	1.80kg	-1220K
100 (4")	2.60kg	-1240K

Number of Pieces	Weight each	Order Code KEN-533
14	0.85kg	-1300K

SENATOR QUALITY TOOLING Paint Brushes

With painted wood handles. Chrome plated lapped and pressed steel ferrules. Long pure bristles.

6 Piece Set
1x 13mm, 3x 25 and 2x 50mm.

12 Piece Set
1x 19, 38, 63 and 100mm.
2x 13, 25, 50 and 75mm.

6 PIECES

Width (mm)	Weight each	Order Code SEN-533
13 (½")	15g	-0210K
19 (¾")	25g	-0220K
25 (1")	30g	-0230K
38 (1½")	43g	-0240K
50 (2")	65g	-0250K
63 (2½")	85g	-0260K
75 (3")	110g	-0270K
100 (4")	150g	-0280K

Number of Pieces	Weight each	Order Code SEN-533
6	330g	-0370K
12	865g	-0330K

Slant Cut Lining Brush

For use on fine and detailed decorating work and difficult to get to areas where the finish makes all the difference.
Overall length: 300mm.

Size	Order Code KEN-533
12mm (½")	-5220K

Plastic Handle Sash Tools

Plastic handle. Ideal for cleaning out sawdust, swarf etc.

Size	Order Code KEN-533
No.6	-1531K
No.8	-1532K
No.10	-1533K
No.12	-1534K
No.16	-1535K

Wooden Sash Brushes

Wooden handle with steel ferrule.

Size	Order Code KEN-533
No.6	-3179K
No.8	-3180K
No.10	-3181K
No.12	-3182K
No.14	-3183K
No.16	-3184K
No.18	-3186K
No.20	-3187K

Laminating Brushes

Laminating brush for fibreglass and resin projects. White bristle, stainless ferrule. Plastic handle.

Size	Order Code KEN-533
½"	-6340K
¾"	-6350K
1"	-6360K
2"	-6370K
3"	-6375K
4"	-6380K

Varnished Wooden Handled - Fine Point

Slimmer handles, steel ferrules, soft hair bristles.

Size	Order Code KEN-533
No.2	-6742K
No.3	-6743K
No.6	-6746K
No.8	-6748K

Artist's Pencil Brushes

Plastic Handled - Medium Point
With pure bristles. Each brush is marked with its size. Medium point.

Size	Weight per 10	Order Code KEN-533
No.1	30g	-6391K
No.2	30g	-6392K
No.3	30g	-6393K
No.4	30g	-6394K
No.5	30g	-6395K
No.6	30g	-6396K

Wooden Handled - Fine Point

Steel ferrules. Soft hair bristles.

Size	Order Code KEN-533
No.2	-6702K
No.4	-6704K
No.6	-6706K

Wooden Handled - Medium Point

Steel ferrules. Soft hair bristles.

Size	Order Code KEN-533
No.1	-6721K
No.2	-6722K
No.3	-6410K
No.4	-6420K
No.5	-6430K
No.6	-6440K
No.7	-6450K
No.8	-6460K
No.10	-6470K
No.12	-6480K

KENNEDY QUALITY INDUSTRIAL TOOLING Radiator Brushes

Designed to reach behind radiators. Plastic handles with hard wearing bristles.

Size (mm)	Overall Length	Weight each	Order Code KEN-533
25	380	35g	-6020K
38	380	45g	-6030K
50	380	55g	-6040K

KENNEDY QUALITY INDUSTRIAL TOOLING Striker Brush with 24" Handle

Mainly used on heavy industrial and commercial work. Ideal for hard to reach painting work. 610mm (24") handle.

Size	Order Code KEN-533
1½"	-0010K
2"	-0015K

KENNEDY QUALITY INDUSTRIAL TOOLING Dusting Brushes

Black pure bristle or soft coco fibre bristles. Plain wood handle. For general dusting and cleaning.
Size: 100mm (4").

Type	Weight each	Order Code KEN-533
Coco	115g	-6824K
Pure	105g	-6844K

KENNEDY QUALITY INDUSTRIAL TOOLING Paste & Glue Brushes

Ideal for glue, paste and paint.

Plastic

Wood

Size	Handle Type	Order Code KEN-533
25mm (1")	Wood	-5250K
No.9/3 (¼")	Plastic	-6310K
No.9/5 (¾")	Plastic	-6320K

KENNEDY QUALITY INDUSTRIAL TOOLING Fitch Brushes

Natural white bristle with long natural wooden handle and steel ferrule. Ideal for 'cutting-in' to corners and windows, or used dry to dust on delicate objects.

Size	Order Code KEN-533
Flat	
No.2 (6mm)	-6520K
No.4 (8mm)	-6540K
No.6 (12mm)	-6560K
No.8 (16mm)	-6580K
No.10 (20mm)	-6600K
No.12 (24mm)	-6620K
Round	
No.2 (6mm)	-6680K
No.4 (8mm)	-6681K
No.6 (12mm)	-6682K
No.8 (16mm)	-6683K
No.10 (20mm)	-6684K
No.12 (24mm)	-6685K

KENNEDY QUALITY INDUSTRIAL TOOLING Paint Kettles

Made from high quality polypropylene Tapered design to allow stacking. Lids are sold separately. Supplied as standard with plastic handles (except *).

Capacity (Litres)	Dia. x Height (mm)	Order Code KEN-533
300ml*	89 x 66	-1540K
500ml*	100 x 720	-1545K
1ltr	140 x 102	-1550K
2.5ltr	198 x 134	-1560K
5ltr	235 x 205	-1564K
10ltr	282 x 229	-1568K
300ml	Lid Only	-1570K
500ml	Lid Only	-1571K
1ltr	Lid Only	-1573K
2.5ltr	Lid Only	-1575K
5ltr	Lid Only	-1577K
10ltr	Lid Only	-1579K

KENNEDY QUALITY INDUSTRIAL TOOLING Mini Emulsion Roller Set

100mm (4")
For use with emulsion paint.

Description	Order Code KEN-533
Roller Set	-4120K
Tray Only	-4100K

KENNEDY QUALITY INDUSTRIAL TOOLING Mini Roller Set

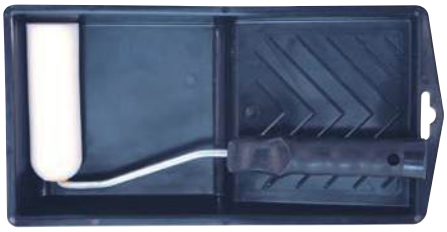
Supplied with a handle and tray. Includes a 100mm (4") high density foam roller for gloss and a knitted 100mm (4") sleeve for use with emulsion paint.

4 PIECES

Size (mm)	Order Code KEN-533
100 (4")	-4140K

KENNEDY QUALITY INDUSTRIAL TOOLING Mini Gloss Roller Set

For use with gloss paint.



Size (mm)	Order Code KEN-533
100 (4")	-4130K

SENATOR QUALITY TOOLING Roller Kit

Comprising a bird cage paint roller, medium pile refill and plastic paint tray. Suitable for indoor use on smooth surfaces.

3 PIECES

Weight each	Order Code SEN-533
548g	-4500K

SENATOR QUALITY TOOLING Decorator's Set

Comprising a standard roller kit, which includes bird cage paint roller, medium pile refill and plastic paint tray, and an emulsion & gloss painting kit, which includes mini roller, refill, 50mm paint brush, paint tray and 3.70 x 2.80m polythene dust sheet.

8 PIECES

Weight each	Order Code SEN-533
750g	-3100K

KENNEDY QUALITY INDUSTRIAL TOOLING Paint Trays

The rigid drain off area helps remove the excess paint from the roller preventing drips and evenly coating your paint roller.

Dimensions (L x W x D): 400 x 290 x 60mm

Type	Width (mm)	Weight each	Order Code KEN-533
Plastic	230 (9")	290g	-4460K
Metal	300 (12")	290g	-4670K

SENATOR QUALITY TOOLING Paint Tray

Evenly coats the roller whilst storing paint in the reservoir. The drain-off area helps remove excess paint from the roller preventing drips.

Size (mm)	Weight each	Order Code SEN-533
180 (7")	165g	-4280K

SENATOR QUALITY TOOLING Paint Pad Refill

- Paint Pad Refill - large pad (200 x 70mm)

Brush Width in.	Order Code SEN-533
2.5	-4700K

KENNEDY QUALITY INDUSTRIAL TOOLING Mini Paint Roller Frame

Single arm type. Moulded plastic handle. Suitable for use with all 4" mini roller heads.

Size (mm)	Order Code KEN-533
100 (4")	-4060K

KENNEDY QUALITY INDUSTRIAL TOOLING Long Arm Radiator Roller & Sleeve

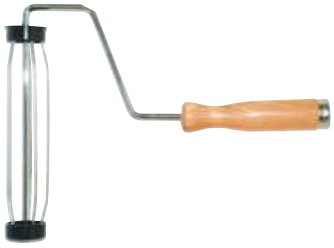
Radiator roller frame and 4" roller sleeve. Single arm moulded handle frame and medium pile roller sleeve. Suitable for emulsion paint.

Order Code KEN-533
-4070K

KENNEDY QUALITY INDUSTRIAL TOOLING Paint Roller

Bird cage pattern with a hollow tapered wooden handle for use with extension.

Cage diameter: 44mm.
To suit KENNEDY refills.



Size (mm)	Weight each	Order Code KEN-533
230 (9")	400g	-4400K

KENNEDY QUALITY INDUSTRIAL TOOLING Plastic 15ltr Paint Scuttle

Black plastic with metal handle. Moulded ridged sides for loading paint roller. Takes all paint roller frames up to 12".

Capacity	Weight each	Order Code KEN-533
15ltr	825g	-1700K

SENATOR QUALITY TOOLING Bird Cage Paint Roller

Single arm type with moulded black plastic handle. Integral hanging hole for easy storage. For use with roller refill sleeves (not supplied).

Cage diameter: 38mm.
To suit SENATOR refills.

Size (mm)	Weight each	Order Code SEN-533
180 (7")	170g	-4250K
230 (9")	190g	-4400K

KENNEDY QUALITY INDUSTRIAL TOOLING Double Arm Roller Head

Galvanised steel double arm head.
For use with 1" diameter stale with screw hole for fixing.

Size (mm)	Weight each	Order Code KEN-533
300 (12")	455g	-4650K

KENNEDY QUALITY INDUSTRIAL TOOLING Telescopic Extension Pole

Professional extension pole, manufactured to the highest specifications from aluminium, fibre-glass and ABS plastic, making it light in weight but very strong. It extends from 1.2 to 2.4m and comes with an American style thread plus a screw-on tapered adaptor.

Screw-on Adaptor

Extension Range	Weight each	Order Code KEN-533
1.2 to 2.4m (47" to 94")	360g	-4800K

SENATOR QUALITY TOOLING Telescopic Extension Handle

To fit 230mm (9") wide bird cage pattern roller.

Extension Range	Weight each	Order Code SEN-533
1 to 2m (42" to 84")	360g	-4800K

SENATOR QUALITY TOOLING 230mm (9") Extending Bird Cage Paint Roller Frame

This innovative two stage extending bird cage roller extends up to 900mm (36") by extending the frame from the handle. Operations are carried out by twisting to unlock, extending and twisting to lock again.

Cage diameter: 8mm.
To suit SENATOR refills

Extension Range	Weight each	Order Code SEN-533
430 to 900mm (17" to 36")	360g	-4420K

KENNEDY QUALITY INDUSTRIAL TOOLING Shepsil Refill

Suitable for emulsion and masonry paints on rough surfaces. Use also with vinyl silk, vinyl matt, exterior paints on rough surfaces - stucco, concrete, brickwork, light pebble dash and textured surfaces.

To fit KENNEDY 230mm wide bird cage pattern rollers.

Length (mm)	Core Diameter	Pile Length	Weight each	Order Code KEN-533
230 (9")	44mm	18mm	100g	**-4300K**

KENNEDY QUALITY INDUSTRIAL TOOLING Polyester Extra Long Pile Refill

Suitable for emulsion and masonry paints on very rough surfaces. Also for use with vinyl silk, vinyl matt, exterior paints, on rough surfaces - stucco, concrete, brickwork, light pebble dash and textured surfaces.

To fit KENNEDY 230mm wide bird cage pattern rollers.

Length (mm)	Core Diameter	Pile Length	Weight each	Order Code KEN-533
230 (9")	44mm	32mm	100g	**-4320K**

KENNEDY QUALITY INDUSTRIAL TOOLING Polyester Short Pile Refill

For eggshell paints on smooth surfaces. Use also with semi-gloss, vinyl silk, undercoat, primers on smooth flat surfaces - hardboard, fibre board, plaster finish, plasterboard, doors.

To fit 230mm wide bird cage pattern rollers.

Length (mm)	Core Diameter	Pile Length	Weight each	Order Code KEN-533
230 (9")	44mm	9mm	100g	**-4330K**

KENNEDY QUALITY INDUSTRIAL TOOLING Foam Roller - Textured Paint

For applying and finishing texture paints. Use for applying and texturing high-build, aggregate and texture paints on interior walls, exterior walls and ceilings.

To fit KENNEDY 230mm wide bird cage pattern rollers.

Length (mm)	Core Diameter	Roller Type	Weight each	Order Code KEN-533
230 (9")	44mm	Foam	100g	**-4340K**

KENNEDY QUALITY INDUSTRIAL TOOLING 12" Medium Pile Refill

For double arm rollers. Medium pile, suitable for rough surfaces such as stucco, concrete, pebble dash, embossed wallpaper, brick and block walls.

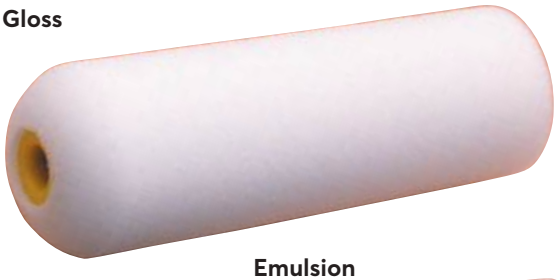
To fit KENNEDY 300mm wide double arm roller head.

Size (mm)	Weight each	Order Code KEN-533
300 (12")	100g	**-4600K**

KENNEDY QUALITY INDUSTRIAL TOOLING Mini Roller Refills

100mm (4") medium pile roller for use with emulsion paints. Ideal for painting small areas or in awkward places.

Gloss



Emulsion

For Paint Types	Order Code KEN-533
Single Roll	
Emulsion	**-4010K**
Gloss	**-4020K**
Pack of 10 Rolls	
Emulsion	**-4030K**
Gloss	**-4040K**

SENATOR QUALITY TOOLING Economy Refill Sleeves

Medium pile is suitable for smooth surfaces. Long pile is suitable for rough surfaces.

To fit SENATOR 180mm & 230mm wide bird cage pattern rollers.

Length (mm)	Core Diameter	Pile	Order Code SEN-533
180 (7")	38mm	Medium	**-4200K**
230 (9")	38mm	Medium	**-4310K**
180 (7")	38mm	Long	**-4220K**
230 (9")	38mm	Long	**-4320K**

Contour Gauges

Allows profiles to be traced quickly and easily.

Overall Length (mm)	Weight each	Order Code KEN-533
128 (5")	270g	-1960K
255 (10")	500g	-1950K

Tile Cutter/Scorer

Solid plastic handle with double-edged tungsten, extra hard, carbide cutting tip.

Overall Length	Weight each	Order Code KEN-533
100mm	40g	-2050K

Tile Spacers

Average pack quantity: 250.

Width	Weight per pk	Order Code KEN-533
2mm	55g	-1940K

Glass & Tile Cutter

- Tungsten carbide cutting wheel for effective and easy action
- Metal handle to protect over time
- Compatible with both ceramic tiles and glass

Overall Length	Order Code KEN-533
130mm	-1840K

Six Wheel Glass & Tile Cutter

Six wheel cutting head with tungsten carbide cutting wheels.

Overall Length	Weight each	Order Code KEN-533
135mm	40g	-1990K

Grout & Adhesive Spreader

Non-scratch plastic spreader. The grooved edge ensures that the adhesive is evenly spread. The flexible edge is suitable for removing excess grout.

Overall Length	Weight each	Order Code KEN-533
180mm	43g	-1960L

Grout Remover

Long life tempered steel blade. Grout can be loosened and removed quickly and easily, for repair, renewal or 'facelift'.

Weight each	Order Code SEN-533
50g	-2090K

KENNEDY QUALITY INDUSTRIAL TOOLING Tailor's Thread Cutting Snips

Plastic Handled

Handy, economical lightweight plastic snips with finger hole for stability. Useful for cutting threads, wires, string, plastic pull straps etc.

Length (mm)	Order Code KEN-533
125 (5")	-3750K

KENNEDY QUALITY INDUSTRIAL TOOLING Kitchen Scissors - Offset Handle

Asymmetrical handles with offset hardened and ground steel blades. Suitable for precise snipping or running along the edge of a cutting board.

Length (mm)	Weight each	Order Code KEN-533
190 (7½")	60g	-3270K

KENNEDY QUALITY INDUSTRIAL TOOLING Multi-Purpose Shears

High strength reinforced offset steel blades with serrated cutting edge. Suitable for moderate to heavy cutting applications.

Length (mm)	Weight each	Order Code KEN-533
180 (7")	60g	-2370K

KENNEDY QUALITY INDUSTRIAL TOOLING Bi-Material Handled Slimline Scissors

Bi-Material comfort handle. Slimline scissors ideal for fine and intricate detailed work.

Length mm	Order Code KEN-533
140 (5½")	-3920K

KENNEDY QUALITY INDUSTRIAL TOOLING Bi-Material Handled Offset Scissors

Hardened and ground steel blades allows the scissors to be used comfortably just above the work surface. Sharp stainless steel blades.

195mm

245mm

Length mm	Order Code KEN-533
190 (7½")	-3940K
215 (8½")	-3950K
245 (9¾")	-3960K

KENNEDY QUALITY INDUSTRIAL TOOLING General Purpose Scissors

- Matte finish gives the product a clean and sleek look
- Asymmetrical handle has been ergonomically designed to allow for optimum comfort and control when using
- Available in two sizes and specifications to suit your individual needs and preferences
- Manufactured from high quality stainless steel for overall product hardiness

Overall Length in.	End Shape	Order Code KEN-533
7	Pointed	-2380K

KENNEDY QUALITY INDUSTRIAL TOOLING Fibre Optic Shears

Designed for cutting fibre optics, KEVLAR materials, plastic canvas, upholstery, headlines, cloth, etc. Long lasting precision ground hardened high carbon alloy steel with Molybdenum and Vanadium blades. Serrated blade reduces slippage.

Overall length: 160mm
Cutting length: 42mm.

Weight each	Order Code KEN-533
82g	-3580K

SENATOR QUALITY TOOLING Kitchen Scissors - Offset Handle

The straight and curved blade tips are suitable for both long cuts and precise stitch cutting.

- Blade material: Stainless steel
- Handle shape: Offset/Asymmetrical
- Hand preference: Right hand
- Handle material: Plastic
- End shape: Pointed and Round
- Blade lengths: 180, 215 and 255mm
- Handle colour: Blue

Handle Shape	Overall Length mm	Order Code SEN-533
Offset/ Asymmetrical	115	-0480K

KENNEDY QUALITY INDUSTRIAL TOOLING Paper Scissors

- Non-twist
- Plastic handles, quality stainless steel blades
- Easy to use with consistent performance
- Right handed preference

Overall Length mm	End Shape	Order Code KEN-533
180	Pointed	-3810K

KENNEDY QUALITY INDUSTRIAL TOOLING Sidebent Shears

Stainless steel blades, large loop comfortable handles. For trimming.

Length (mm)	Weight each	Order Code KEN-533
180 (7")	190g	-2070K
205 (8")	190g	-2080K
230 (9")	280g	-2090K
255 (10")	440g	-2100K
305 (12")	720g	-2120K

KENNEDY QUALITY INDUSTRIAL TOOLING Fibre Optic Cutters

Designed for cutting fibre optics, KEVLAR materials, plastic canvas, upholstery, headlines, etc. Lightweight and easy to use for both right and left handed users. Easy reach thumb lock. High carbon alloy steel with molybdenum and vanadium. Serrated blade.

Overall length: 145mm (5").
Cutting length: 32mm (1").

Weight each	Order Code KEN-533
82g	-3570K

Multi-purpose Scissors

Large plastic handles. Excellent for cutting heavy seatbelts, fabrics, thin metal, plastics and splints.

Length (mm)	Order Code KEN-533
180	-3590K

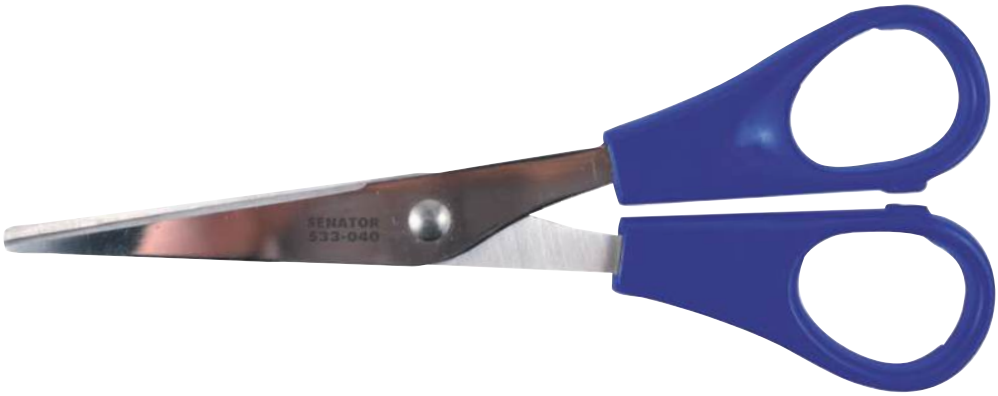
Thread Scissors

Compact design to fit comfortably in the palm of the hand provides precise control of the cutting action when removing threads from garments. Spring loaded blade opening.

Length (mm)	Order Code KEN-533
125	-3500K

Paper Scissors

Non-twist blades manufactured from the finest quality stainless steel with plastic handles.



Length (mm)	Order Code SEN-533
140	-0400K

KENNEDY PROFESSIONAL Open End Insulated Spanners

Chrome vanadium single ended open jaw spanners. Spanner dimensions conform to **DIN 7446**. Fully insulated to conform to **VDE 0680/201** and **EN 60900:2012** standards for safe electrical applications up to 1000V.

Single End Open Jaw

1000V

Size	Overall Length	Order Code KEN-534
6mm	105mm	-2232K
7mm	105mm	-2233K
8mm	105mm	-2234K
9mm	105mm	-2235K
10mm	105mm	-8800K
11mm	115mm	-8810K
12mm	125mm	-8820K
13mm	135mm	-8830K
14mm	145mm	-8840K
15mm	155mm	-8850K
16mm	160mm	-8860K
17mm	160mm	-8870K
18mm	170mm	-8880K
19mm	175mm	-8890K
20mm	185mm	-2236K
21mm	190mm	-8910K
22mm	200mm	-2237K
23mm	210mm	-2238K
24mm	225mm	-8940K
26mm	250mm	-2239K
27mm	250mm	-2240K
28mm	275mm	-2241K
30mm	275mm	-2242K
32mm	290mm	-2243K

KENNEDY PROFESSIONAL Insulated Single End Ring Spanners

1000V

Size	Overall Length	Order Code KEN-534
6mm	140mm	-2260K
7mm	140mm	-2261K
8mm	140mm	-2262K
9mm	140mm	-2263K
10mm	165mm	-9200K
11mm	175mm	-9210K
12mm	185mm	-9220K
13mm	195mm	-9230K
14mm	20mm	-9240K
15mm	205mm	-9250K
16mm	205mm	-9260K
17mm	210mm	-9270K
18mm	220mm	-9280K
19mm	230mm	-9290K
20mm	240mm	-2264K
21mm	250mm	-9310K
22mm	260mm	-9320K
23mm	260mm	-2265K
24mm	260mm	-9340K
26mm	280mm	-2266K
27mm	280mm	-2267K
28mm	280mm	-2268K
30mm	300mm	-2269K
32mm	300mm	-2270K

KENNEDY QUALITY INDUSTRIAL TOOLING Insulated Ratchet Ring Spanner

NEW

- Multi-layer insulated to protect against up to 1000 volts
- Sizing details printed on the body of the tool for easy identification
- Available in a range of sizes to suit all requirements
- **IEC 60900**

1000V

Spanner Size	Overall Length	Order Code KEN-534
10mm	135mm	-2328K
11mm	135mm	-2329K
12mm	140mm	-2330K
13mm	140mm	-2331K
14mm	150mm	-2332K
15mm	150mm	-2333K
16mm	160mm	-2334K
17mm	160mm	-2335K
18mm	180mm	-2336K
19mm	180mm	-2337K

KENNEDY QUALITY INDUSTRIAL TOOLING 1/4in. Insulated Hexagon Socket

1000V

- Sizing printed on the body of the socket for easy identification
- Dual layers of dipped insulation to isolate against up to 1000 volts
- Individually tested against high voltages to ensure reliable protection
- **IEC 60900**

Drive size	Socket size	Order Code KEN-534	Drive size	Socket size	Order Code KEN-534
Metric 1/4	5mm	-2378K	Metric 1/4	10mm	-2383K
	6mm	-2379K		11mm	-2384K
	7mm	-2380K		12mm	-2385K
	8mm	-2381K		13mm	-2386K
	9mm	-2382K		14mm	-2387K

KENNEDY QUALITY INDUSTRIAL TOOLING Insulated 3/8 Hexagon Socket

1000V

- Sizing marked on the socket body for easy identification
- Individually tested against high voltage for reliable safety
- Multi-layer insulation isolates against up to 1000 volts of electricity
- **IEC 60900**

Drive size	Socket size	Order Code KEN-534	Drive size	Socket size	Order Code KEN-534
Metric 3/8	6mm	-2350K	Metric 3/8	15mm	-2359K
	7mm	-2351K		16mm	-2360K
	8mm	-2352K		17mm	-2361K
	9mm	-2353K		18mm	-2362K
	10mm	-2354K		19mm	-2363K
	11mm	-2355K		20mm	-2364K
	12mm	-2356K		21mm	-2365K
	13mm	-2357K		22mm	-2366K
	14mm	-2358K			

KENNEDY QUALITY INDUSTRIAL TOOLING — Insulated Deep 3/8in. Hexagon Socket

1000V

- Individually tested against high voltage
- Dual layers of dipped insulation isolate against up to 1000 volts
- Sizing printed on the body of the socket for easy identification
- **IEC 60900**

Drive size	Socket size	Order Code KEN-534
Metric 3/8	8mm	-2390K
	9mm	-2391K
	10mm	-2392K
	11mm	-2393K
	12mm	-2394K
	13mm	-2395K
	14mm	-2396K
	15mm	-2397K

Drive size	Socket size	Order Code KEN-534
Metric 3/8	16mm	-2398K
	17mm	-2399K
	18mm	-2400K
	19mm	-2401K
	20mm	-2402K
	21mm	-2403K
	22mm	-2404K

KENNEDY QUALITY INDUSTRIAL TOOLING — In Hex Insulated Hexagonal Socket, 3/8in. Square Drive

1000V

- Sizing information is printed on the side of the socket for easy identification
- Manufactured from high-quality chrome vanadium steel for a durable product
- Double insulation layers isolate against up to 1000 volts of electricity
- **IEC 60900**

Drive size	Socket size	Overall Length	Order Code KEN-534
Metric 3/8	4mm	65mm	-2415K
	5mm	65mm	-2416K
	6mm	65mm	-2417K
	8mm	65mm	-2418K
	10mm	65mm	-2419K

KENNEDY QUALITY INDUSTRIAL TOOLING — 3/8 In Hex Insulated Socket (Long Version)

NEW

1000V

- Dual layers of insulation dip protect against up to 1000 volts of electricity
- Available in a range of sizes to suit all requirements
- **IEC 60900**

Drive size	Size	Overall Length	Order Code KEN-534
Metric 3/8	4mm	80mm	-2424K
	5mm	80mm	-2425K
	6mm	80mm	-2426K
	8mm	80mm	-2427K
	10mm	80mm	-2428K

KENNEDY PROFESSIONAL — Insulated Sockets & Accessories

All products are quality tested and fully insulated to 1000V AC. Conforms to **VDE 0680/201** (except extension bars) and **EN 60900:2012** standards. All ½" square drive.

1000V

Kennedy® Insulated Reversible Ratchet Handle

Drive size	Weight each	Order Code KEN-534
Metric ½	660g	-7400K

Kennedy® 200mm Insulated T-Handle

1000V

Drive size	Weight each	Order Code KEN-534
Metric ½	450g	-7420K

Kennedy® 125 & 250mm Insulated Extension Bars

1000V

Drive size	Description	Weight each	Order Code KEN-534
Metric ½	125mm Extension Bar	200g	-7440K
	250mm Extension Bar	270g	-7460K

Kennedy® Insulated Single Hexagon Sockets

1000V

Type	Size	Overall Length	Weight each	Order Code KEN-534
Metric ½	8mm	37	60g	-2468K
	9mm	37	58g	-2469K
	10mm	37	60g	-7500K
	11mm	37	63g	-7510K
	12mm	37	64g	-7520K
	13mm	37	64g	-7530K
	14mm	37	67g	-7540K
	15mm	37	63g	-7550K
	16mm	37	69g	-7560K
	17mm	37	74g	-7570K
	18mm	37	91g	-7580K
	19mm	37	83g	-7590K
	20mm	37	101g	-7600K
	21mm	37	107g	-7610K
	22mm	37	114g	-7620K
	23mm	37	118g	-2470K
	24mm	37	117g	-7640K
	27mm	37	181g	-2472K

Insulated Deep Hexagon Socket

1000V

- Available in a range of sizes to suit a range of applications
- Individually tested to IEC 60900 insulation standards
- Printed sizing on the socket body allows for easy identification
- **DIN 7448**

Type	Socket Size	Order Code KEN-534	Type	Socket Size	Order Code KEN-534
Metric ½	10mm	-2480K	Metric ½	17mm	-2487K
	11mm	-2481K		18mm	-2488K
	12mm	-2482K		19mm	-2489K
	13mm	-2483K		20mm	-2490K
	14mm	-2484K		21mm	-2491K
	15mm	-2485K		22mm	-2492K
	16mm	-2486K		24mm	-2493K

Inhex Insulated Hexagonal Socket (Short Version)

1000V

- Insulated with double layers of safety dip for safety
- Socket type and size marked on the body for easy identification
- Available in a range of sizes to suit various tasks
- **IEC 60900**

Drive size	Socket Size	Overall Length	Order Code KEN-534
Metric ½	4mm	70mm	-2498K
	5mm	70mm	-2499K
	6mm	70mm	-2500K
	8mm	70mm	-2501K
	10mm	70mm	-2502K

Inhex Insulated Hexagonal Socket (Long Version)

1000V

- Coated with two layers of safety dip insulation for protection against live machinery
- Socket size and type printed on the main body for easy identification
- Available in various sizes to suit many applications
- **IEC 60900**

Drive size	Socket Size	Overall Length	Order Code KEN-534
Metric ½	4mm	80mm	-2507K
	5mm	80mm	-2508K
	6mm	80mm	-2509K
	8mm	80mm	-2510K
	10mm	80mm	-2511K

TX-E Insulated Socket, 3/8in.

1000V

- Multi-layer dipped insulation protects users against up to 1000 volts of electricity
- Size and type printed on the body for easy identification
- **IEC 60900**

Drive size	Socket Size	Order Code KEN-534
Metric 3/8	E5	-2433K
	E6	-2434K
	E7	-2435K
	E8	-2436K
	E10	-2437K
	E11	-2438K
	E12	-2439K
	E14	-2440K

Insulated Adaptor

- Printed size and safety information on the adaptor body for easy identification
- Insulated with multi-layer safety dip to isolate against up to 1000 volts of electricity
- Conveniently adapts square drives to hexagonal drives
- **IEC 60900**

Total Length	Drive Size	Order Code KEN-534
46mm	3/8 in. to 1/4 in.	-2344K
23mm	1/4 in. to 1/4 in.	-2374K

Total length	Drive Size	Order Code KEN-534
23mm	1/4 in. to 3/8 in.	-2370K

Insulated Extension Bar, 1/4in. Square Drive

NEW

1000V

- Sizing information printed on the size of the bar for easy identification
- Dipped in two layers of insulation to isolate against up to 1000 volts of electricity
- Available in a range of sizes to suit all requirements
- **IEC 60900**

Drive size	Overall Length	Order Code KEN-534
Metric ¼	50mm	-2408K
	75mm	-2409K
	100mm	-2410K
	150mm	-2411K

Insulated Extension Bar, 3/8in. Square Drive

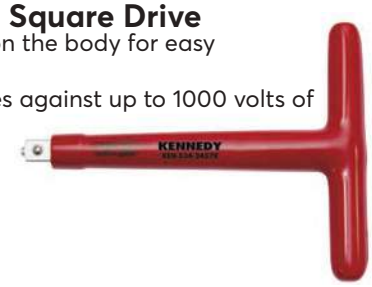
- Sizing information printed on the side of the bar for easy identification
- Available in a range of sizes to suit all requirements
- Double dipped in safety insulation to isolate against up to 1000 volts
- **IEC 60900**

1000V

Drive size	Overall Length	Order Code KEN-534
Metric 3/8	125mm	-2462K
	250mm	-2464K

200mm Insulated T-Handles, 3/8in. Square Drive

- Tool information is printed on the body for easy identification
- Multi-layer insulation isolates against up to 1000 volts of electricity
- **IEC 60900**



Drive Size	Total length	Order Code KEN-534
Metric 3/8	200mm	**-2457K**

Insulated Reversible Ratchet Spanner

NEW

- Forward and reverse gears for convenient working
- Individually tested against high voltage
- Style and size printed on the body for easy identification
- Dual-layer insulation protects against electricity up to 1000 volts
- **IEC 60900**

1000V

Drive Size	Overall Length	Order Code KEN-534
1/4	140mm	**-2445K**
3/8	200mm	**-2446K**

Insulated T-Socket Wrench

NEW

- Size and standards printed on the tool body for easy identification
- Manufactured from heat-treated, galvanised steel pipe for durability
- Available in a range of sizes to suit all requirements
- **IEC 60900**

1000V

Socket Size	Overall Length	Order Code KEN-534
10mm	200mm	**-2282K**
11mm	200mm	**-2283K**
12mm	200mm	**-2284K**
13mm	200mm	**-2285K**
14mm	200mm	**-2286K**
15mm	200mm	**-2287K**
16mm	200mm	**-2288K**
17mm	200mm	**-2289K**
19mm	200mm	**-2290K**
20mm	200mm	**-2291K**
21mm	200mm	**-2292K**
22mm	200mm	**-2293K**
23mm	200mm	**-2294K**
24mm	200mm	**-2295K**
10mm	300mm	**-2300K**
11mm	300mm	**-2301K**
12mm	300mm	**-2302K**
13mm	300mm	**-2303K**
14mm	300mm	**-2304K**
15mm	300mm	**-2305K**
16mm	300mm	**-2306K**
17mm	300mm	**-2307K**
19mm	300mm	**-2308K**
20mm	300mm	**-2309K**
21mm	300mm	**-2310K**
22mm	300mm	**-2311K**
23mm	300mm	**-2312K**
24mm	300mm	**-2313K**

Insulated Adjustable Torque Wrench

NEW

- Manufactured from high-quality materials
- Insulation dipped for multiple layers of protective insulation
- Individually tested with high-voltage for reliable safety
- **IEC 60900**

1000V

Drive Size	Overall Length	Torque Range	Accuracy	Order Code KEN-534
3/8	205mm	5 to 25 Nm	+/-4	**-2452K**
3/8	370mm	5 to 50 Nm	+/-4	**-2454K**
1/2	460mm	5 to 50 Nm	+/-4	**-2516K**
1/2	205mm	20 to 100 Nm	+/-4	**-2518K**
1/4	370mm	5 to 25 Nm	+/-4	**-2450K**

SENATOR QUALITY TOOLING

Built to Perform. Designed to Last.

Engineered to excel and crafted to endure, tool after tool. Includes an extensive range of products from Tool Kits and Socket Sets to Hammers and Tool Chests.

KENNEDY QUALITY INDUSTRIAL TOOLING Mains Testers

With heavy duty one-piece moulded insulation sheaths covering both blade and transparent plastic handle for extra protection and safety.
Will detect 'live' electricity supply.
Suitable for AC to 125 - 250V. 3mm wide tip.
Conforms to **DIN VDE 0680 part 6:1977-04** .

Blade Length	Cap Type	Weight per 12	Order Code KEN-515
150mm	Plastic	210g	**-0500K**
190mm	Plastic	400g	**-0550K**

KENNEDY QUALITY INDUSTRIAL TOOLING Electricians Screwdrivers, Phillips Tip

Crosspoint
- Blade lengths: 75-100mm
- Blade sizes: No.1, No.1 and No.2
- Fully insulated
- VDE tested up to 1000VAC or 1500V DC
- High grip handles
- Magnetized tips
- Conform with **DIN 7438** and **DIN EN 60900**

Tip Size	Blade Length	Order Code KEN-572
PH0	77mm	**-5820K**
PH1	100mm	**-5830K**
PH2	100mm	**-5840K**

KENNEDY QUALITY INDUSTRIAL TOOLING Electrician's VDE Screwdrivers, Parallel Tip

- Magnetised tips allow you to effectively hold fasteners in place to apply torque accurately
- Available in a range of sizes to suit your needs
- High grip handles ensure maximum control and comfort when using
- All products are VDE tested up to 1000V AC or 1500V DC to ensure your safety
- **DIN 7438**
- **DIN EN 60900**

Tip Size	Blade Length	Order Code KEN-572
2.5mm	85mm	**-5760K**
4.0mm	100mm	**-5780K**
5.5mm	125mm	**-5790K**
6.5mm	150mm	**-5800K**

KENNEDY QUALITY INDUSTRIAL TOOLING 1000V Dual Grip VDE Screwdrivers

A fully insulated VDE screwdriver tested up to 1000V.
Professional high grip handles, magnetic tips, chrome vanadium steel blades.

Crosspoint

Tip Size	Blade Length	Order Code KEN-572
No.0	60mm	**-7900K**
No.1	80mm	**-7910K**
No.2	100mm	**-7920K**

Parallel Tip

Tip Size	Blade Length	Order Code KEN-572
2.5mm	75mm	**-7940K**
4.0mm	100mm	**-7950K**
5.5mm	125mm	**-7960K**
6.5mm	150mm	**-7970K**

PARALLEL **Set Contents (mm):** 2x5 x 75, 4.0 x 100, 5.5 x 125, 6.5 x 150mm.

CROSS POINT No.0 x 60, No.1 x 80, No.2 x 100mm.

7 PIECES

Order Code KEN-572
-8000K

KENNEDY QUALITY INDUSTRIAL TOOLING Electrician's VDE Square Section Handle Screwdrivers

Volt-tested to ensure safety on or near electrical equipment up to 1000V AC or 1500V DC. Insulated blades with magnetic tips.
Conform with **DIN 7438** and **DIN EN 60900**.

7 PIECES

Order Code KEN-572
-5900K

KENNEDY QUALITY INDUSTRIAL TOOLING Insulated Interchangeable Screwdriver Set

Ergonomic insulated full size handle, swivel cap and eight interchangeable drivers supplied in a compact protective pouch with belt loop. 2-in-1 design, use the detachable swivel cap for fast (low torque) driving, or use the full size detachable ergonomic handle for higher torque fastening. Safe up to 1000V AC/1500V DC.

PARALLEL **10-Piece Set Contents (mm):** 0.4 x 2.5 x 100mm, 0.5 x 3.0 x 100mm, 0.8 x 4.0 x 100mm, 1.0 x 5.5 x 100mm and 1.2 x 6.5 x 100mm.

CROSS POINT No.0 x 100mm, No.1 x 100mm and No.2 x 100mm.

10 PIECES

Order Code KEN-572
-5870K

NEW

Insulated Combination Pliers, 1000V

- Chrome-plated jaws for durability
- Induction-hardened cutting edges provide reliable performance
- Phthalate-free manufacture avoids the handling of harmful chemicals
- **EN 6900, IEC 60900**

1000V

Overall Length	Features	Order Code KEN-534
160mm	Multilayer insulated	-2123K
180mm	Multilayer insulated	-2105K
210mm	Multilayer insulated	-2110K
180mm	Ergonomic Grip	-2139K
180mm	Comfort Grip	-2130K
205mm	Comfort Grip	-2133K
210mm	Comfort Grip	-2136K
210mm	Chrome Plated Jaws	-2142K

Insulated Power Side Cutters

1000V

- Sizing printed on the handles for easy identification
- Hardened cutting edges (to 63 HRC) for powerful cutting action
- Safety layer dipped handles isolate against up to 1000 volts of electricity
- **IEC 60900**

Total length	Capacity	Order Code KEN-534
200mm	2.5mm	-2339K

Pro-Torq Insulated Long Nose Pliers

Manufactured from specially selected steels. The dual material grip handle design allows the user to apply the greatest force with the minimum amount of effort. Manufactured with a polypropylene core for strength and durability with a soft thermoplastic outer for non-slip comfort grip. Especially suitable for production line environments where repetitive work is undertaken. Double polished head and joint. Induction hardened cutting edges with serrated jaws for gripping nuts.

VDC/IEC 900
DIN EN 60900

1000VAC

Overall Length	Jaw Length	Order Code KEN-558
160mm	60mm	-5020K
205mm	85mm	-5040K

Insulated Flat Nose Pliers

1000V

- Serrated jaws provide strong gripping action
- Multi-layer insulation protects against up to 1000 volts of electricity
- Chrome-plated tool steel ensures a strong and durable product
- **IEC 60900**

Total length	Order Code KEN-534
160mm	-2531K

Pro-Torq Insulated Diagonal Cutting Nippers

Insulated Diagonal Cutting Nippers. Especially suitable for production line environments where repetitive work is undertaken. Double polished head and joint with induction hardened cutting edges.

VDC/IEC 900
DIN EN 60900

1000VAC

Overall Length	Jaw Length	Jaw Width	Order Code KEN-558
160mm	21mm	21mm	-5100K
180mm	20mm	28mm	-5120K

KENNEDY PROFESSIONAL Pro-Torq Insulated Combination Pliers

Manufactured from specially selected steels. The dual material grip handle design allows the user to apply the greatest force with the minimum amount of effort. Manufactured with a polypropylene core for strength and durability with a soft thermoplastic outer for non-slip comfort grip.
Double polished head and joint.
For gripping nuts.

VDC/IEC 900 DIN EN 60900

1000VAC

Overall Length	Jaw Length	Jaw Width	Order Code KEN-558
160mm	36mm	26mm	-5140K
180mm	39mm	26mm	-5160K
200mm	42mm	29mm	-5180K

KENNEDY QUALITY INDUSTRIAL TOOLING Pro-Torq Insulated End Wire Strippers

Especially suitable for production line environments where repetitive work is undertaken. Double polished head and joint with induction hardened cutting edges.

VDC/IEC 900 DIN EN 60900

1000VAC

Overall Length	Jaw Length	Jaw Depth	Wire Size	Order Code KEN-558
160mm	38.5mm	16.6mm	6mm	-5200K

KENNEDY QUALITY INDUSTRIAL TOOLING Pro-Torq Insulated Plier Set

3 Piece Set
Double polished head and joint with induction hardened cutting edges. **VDC/IEC 900 DIN EN 60900**.

3 Piece Set Contents:
Nippers 160mm (6⅜"),
long nose 160mm (6⅜"),
combination 160mm (6⅜").

3 PIECES

Order Code KEN-558
-6980K

KENNEDY PROFESSIONAL 1000V Dual Grip Screwdriver & Plier Set

10 Piece Set
Fully insulated professional high grip dual material handles that are VDE tested up to 1000V. Screwdrivers have magnetic tips, chrome vanadium steel blades and a hanging hole.

Contents:

Screwdrivers:
Crosspoint:
No.0 x 60mm,
CROSS POINT No.1 x 80mm,
No.2 x 100mm.

Parallel:
2.5 x 75mm,
PARALLEL 4.0 x 100mm,
5.5 x 125mm,
6.5 x 150mm.

Pliers:
- 6⅜" Pro-Torq snipe nose pliers,
- 6¼" Pro-Torq grip nipper pliers,
- 6½" Pro-Torq engineering combination pliers.

10 PIECES

Weight each	Order Code KEN-595
1.4kg	-1600K

KENNEDY PROFESSIONAL 16 Piece Electrician's VDE Tool Bag & Kit

Heavy duty tear-resistant tool bag with Hook-n-Loop fastening flap. Double webbed shoulder strap fixed with metal release clasps. Two removable tool boards inside which have a unique tool storage securing system built in. All tools are VDE approved.

Contents:
- Electrician's tool bag (320 x 340 x 125mm).
- 150mm euro tester will detect 'live' electricity supply. Suitable for AC to 125 - 250V, 3mm wide tip. Conform to **VDE 0630 Part 4**.
- 145mm (5¾") Pro-Torq grip diagonal nippers, 1000V insulated.
- 160mm (6⅜") Pro-Torq snipe nose pliers, 1000V insulated.
- 165mm (6½") Pro-Torq engineer's combination pliers, 1000V insulated.
- 170mm (6¾") Pro-Torq wire strippers, 1000V insulated.
- 7 piece VDE dual grip screwdriver set: No.0 x 60, No.1 x 80 and No.2 x 100mm, 2.5 x 75, 4.0 wx 100, 5.5 x 125 and 6.5 x 150mm.
- 180mm (7") insulated cable knife, curved blade.
- 2x small parts storage boxes.

16 PIECES

Width (mm)	Depth (mm)	Height (mm)	Order Code KEN-595
320	125	340	-3400K

Insulated Water Pump/Box Joint Pliers

Hardened chromed steel jaws. Sliding pivot joint allows the widest range of jaw openings. Serrated jaws for gripping flat and round parts. The handles cannot be closed together, preventing trapped fingers.

Fully insulated, conforms to **EN 60900:2012** standards for safe electrical applications up to 1000V.

1000V

Overall Length	Weight each	Order Code KEN-534
240mm	55g	**-4860K**

Insulated Cable Cutters

Manufactured from drop forged high carbon steel withinduction hardened blades. Fully insulated to conform with **VDE 0680/201** and **EN 60900:2012** standards for safe electrical applications up to 1000V.

1000V

Overall Length	Capacity	Weight each	Order Code KEN-534
240mm	22mm	398g	**-4960K**

Insulated Ratcheting Cable Cutter

1000V

For copper and aluminium cables up to 32mm diameter. Lightweight steel handles with insulated vinyl hand grips. Fixed and moving blade made from high grade alloy steel. Quality tested **EN 60900:2012** and insulated to 1000V AC.

Overall Length	Weight each	Order Code KEN-534
250mm (10")	678g	**-5000K**

Insulated Hexagon Key (Long Version)

NEW

- Multi-layer insulation protects users from up to 1000 volts of electricity
- Key size and type is printed on the handle for easy identification
- Available in a wide range of sizes to suit all requirements
- **DIN 911L**

1000V

Tip Size	Long Arm Length	Order Code KEN-534
3mm	130mm	**-2185K**
4mm	140mm	**-2186K**
5mm	160mm	**-2187K**
6mm	180mm	**-2188K**
8mm	200mm	**-2189K**
10mm	226mm	**-2190K**
12mm	250mm	**-2191K**

Insulated Hexagon Key (Shorter Version)

NEW

- Multi-layer insulation protects users from up to 1000 volts of electricity
- Key size and type is printed on the handle for easy identification
- Available in a wide range of sizes to suit all requirements
- **IEC 60900**

1000V

Tip Size	Long Arm Length	Order Code KEN-534
3mm	65	**-2195K**
4mm	70	**-2196K**
5mm	80	**-2197K**
6mm	90	**-2198K**
8mm	100	**-2199K**
10mm	115	**-2200K**
12mm	130	**-2201K**

T-Handle Wrench for Hexagonal Screws

NEW

- Size and safety information printed on the side for easy identification
- Individually tested for safety
- Reliable heavy-duty handle for excellent torque delivery
- **IEC 60900**

1000V

Tip Size	Long Arm Length	Order Code KEN-534
3mm	150	**-2207K**
4mm	150	**-2208K**
5mm	150	**-2209K**
6mm	150	**-2210K**
8mm	150	**-2211K**
3mm	250	**-2212K**
4mm	250	**-2213K**
5mm	250	**-2214K**
6mm	250	**-2215K**
8mm	250	**-2216K**

Insulated Adjustable Wrenches

1000V

Manufactured from chrome vanadium steel with hardened parallel opening jaws that are ground and polished, laser etched with metric graduations for rapid repeatable reference setting. Knurled adjusting screw ensures smooth adjustment. Fully insulated, conforms to **EN 60900:2012** standards for safe electrical applications up to 1000V.

Overall Length	Capacity	Weight each	Order Code KEN-534
300mm	35mm	870g	**-6120K**
250mm	35mm	551g	**-6100K**
200mm	26mm	336g	**-6080K**
150mm	26mm	-	**-2320K**

KENNEDY QUALITY INDUSTRIAL TOOLING — Insulated Cable Cutters

NEW

- Double cutting edge provides squeeze-free cutting action
- Insulated handles protect against up to 1000 volts of electricity
- Comfortable handle grip for strain-free use
- **IEC 60900**

1000V

Maximum Cutting Capacity	Overall Length	Order Code KEN-534
10mm	160mm	**-2522K**

KENNEDY PROFESSIONAL — Insulated Cable Knives

1000V

Fully insulated to conform to **VDE 0680/201**and **EN 60900:2012** standards for safe electrical applications up to 1000V.

Curved Blade: Steel hook blade for splitting flat and ribbon cables along its length.

Straight Blade: Fixed straight blade and protection cap.
Blade length: 45mm.

Overall Length	Type	Weight each	Order Code KEN-534
180mm	Curved Blade	65g	**-3480K**
180mm	Straight Blade	65g	**-3500K**

KENNEDY PROFESSIONAL — Insulated Dismantling Cable Knife

Insulated dismantling cable knife complete with protection cap. Quality tested to 1000V AC. Comfortable handle, fixed sickle shaped blade for cutting sector cables. Conforms to **VDE 0680/201 and EN 60900:2012** standards.

Blade length: 45mm.

1000V

Overall Length	Weight each	Order Code KEN-534
180mm	70g	**-3540K**

KENNEDY QUALITY INDUSTRIAL TOOLING — Insulated Plastic Hammer

NEW

- Multiple layers of insulation protects users against up to 1000 volts of electricity
- Insets are replaceable for a long service life
- Safe, recoil-free design
- **IEC 60900**

1000V

Diameter	Length	Order Code KEN-534
25mm	310mm	**-2526K**
35mm	320mm	**-2528K**

KENNEDY PROFESSIONAL — Insulated Junior Hacksaw

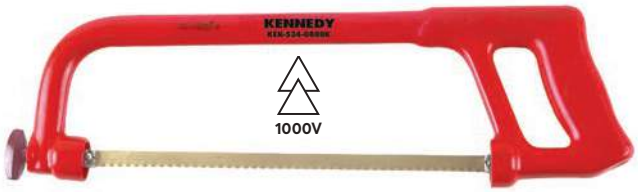
1000V

Tested and insulated to 1000V AC and 1500V DC for live line working. All insulation is moulded in one piece, uses conventional junior hacksaw blades. **EN 60900:2012.**

Overall Length	Weight each	Order Code KEN-534
150mm (6")	264g	**-0600K**

KENNEDY PROFESSIONAL — Insulated Hacksaw

Die cast frame with 'D' style handle for user comfort and control. Wing nut blade tensioning. Supplied complete with 300mm 24tpi blade. Fully insulated, conforms to **EN 60900:2012** standards for safe electrical applications up to 1000V.



Overall Length	Weight each	Order Code KEN-534
400mm	619g	**-0800K**

KENNEDY PROFESSIONAL — Insulated Tweezers

Straight/bent pattern tweezers with serrated gripping surfaces, quality tested and insulated to 1000V AC. Conforms to **EN 60900:2012** standards. **Exposed blade length:** 15mm.

Straight Pattern

Bent Pattern

1000V

Overall Length	Type	Weight each	Order Code KEN-534
145mm	Straight	40g	**-1120K**
145mm	Curved	40g	**-1140K**

KENNEDY QUALITY INDUSTRIAL TOOLING — Insulated Centre Cross Key

NEW

- Multi-layer insulated to isolate against up to 1000 volts of electricity
- Prevents the possibility of electrical contact
- **IEC 60900**

1000V

Drive Size	Order Code KEN-534
10/13/14/17mm	**-2275K**
13/14/17/19mm	**-2277K**

Insulated Ratchet Ring Spanner Set

NEW

1000V

- Sturdy tool case inlay keeps tools secure when on the move
- Sizing information printed on the spanner bodies for easy identification
- Multi-layer insulation isolates against up to 1000 volts of electricity

Contents
- 6 x insulated ratchet spanners (10mm, 11mm, 12mm, 13mm, 14mm, 17mm)
- **IEC 60900**

Number of pieces	Overall Length	Order Code KEN-534
6	140mm	-2324K

Insulated VDE Reversible Ratchet Set

NEW

1000V

- Multi-layer insulation on each item delivers protection against up to 1000 volts of electricity
- Storage case features a two-colour inlay to keep tools secure when on the move
- **IEC 60900**

(For 9 pieces only)

Contents (9 Pieces)
- 1 x reversible ratchet tool
- 1 x extension bar
- 7 x sockets (10mm, 11mm, 12mm, 13mm, 14mm, 17mm,19mm)
- 1 x plastic case with inlay

Contents (18 Pieces)
- 1 x 200mm T-handle
- 2 x extension bars (125mm, 250mm)
- 11 x sockets (10mm, 11mm, 12mm 13mm, 14mm, 17mm, 19mm, 22mm, 24mm, 27mm, 32mm)
- 3 x hex sockets (5mm, 6mm, 8mm)
- 1 x 260mm reversible ratchet

9 Pieces

18 Pieces

Number of pieces	Order Code KEN-534
9	-2248K
18	-2249K

Insulated Reversible Ratchet Safety Tool Set

NEW

1000V

- Dual-layer insulation protects against up to 1000 volts of electricity
- Sturdy plastic case with insert keeps tools secure when on the move
- **IEC 60900**

Contents (14 Pieces)
- 1 x 200mm reverse ratchet
- 1 x 200mm t-handle
- 2 x extension bars (125mm, 250mm)
- 7 x sockets (8mm, 10mm, 11mm, 13mm, 14mm, 17mm, 19mm)
- 3 x hex sockets (4mm, 5mm, 6mm)

Contents (18 Pieces)
- 1 x 200mm t-handle
- 2 x extension bars (125mm, 250mm)
- 11 x sockets (10mm, 11mm, 12mm, 13mm, 14mm, 17mm, 22mm, 24mm, 27mm, 32mm)
- 3 x hex sockets (5mm, 6mm, 8mm)
- 1 x 370mm torque wrench

14 Pieces

18 Pieces

Number of pieces	Order Code KEN-534
14	-2251K
18	-2255K

TAPE MEASURES

KENNEDY PROFESSIONAL Auto Locking Tape Measures

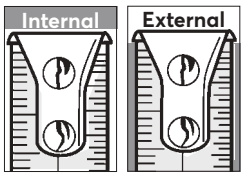
Blades are reverse printed and have a nylon coating for extra life. The double-sided marking makes all the difference when measuring ceilings and window reveal etc. All come with an automatic brake which locks the blade in position during use until you press the release control button. They also benefit from a sliding magnetic hook and belt clip.

EEC CLASS II ACCURACY

Blade Length	Blade Width	Order Code KEN-536
3m	16mm	-1730K
5m	25mm	-1750K
3m/10'	16mm	-1830K
5m/16'	25mm	-1850K
8m/26'	25mm	-1880K

YAMOTO Rubber Grip Tape Measures

'Dynamic Grip'
Textured rubber non-slip grip case for improved comfort and impact resistance. Locking spring assisted blade return. Rivetted metal end hook. Steel belt clip and wrist strap.
Action lock holds the blade precisely where you want it.
Blades and hooks are heavy gauge and corrosion resistant, designed for industrial use.
Self-aligning hooks ensure accuracy for internal and external measurements.



5m and longer tape hooks have four rivets (3m/10' tape hooks have two). Metric/English blades have 1/32", 1/16" inch and mm graduations. Metric-only blades have mm and cm graduations.

EEC CLASS II ACCURACY

Blade Length	Blade Width	Order Code YMT-536
3m	16mm	-1440K
5m	19mm	-1460K
8m	25mm	-1490K
3m/10'	16mm	-1430K
5m/16'	19mm	-1450K
7.5m/25'	25mm	-1480K
10m/33'	25mm	-1500K

SENATOR QUALITY TOOLING Locking Tape Measures

Tough plastic case with a slide action blade lock. Locking spring assisted blade return. Riveted metal end hook. Steel belt clip and wrist strap. Action lock holds the blade precisely where you want it. Blades and hooks are heavy gauge and corrosion-resistant. Self-aligning hooks ensure accuracy for internal and external measurements. 5m and longer tape hooks have four rivets (3m/10' tape hooks have two).

Chrome Cased

Blade Length	Blade Width	Weight each	Order Code SEN-536
Metric Only Blades			
3m	16mm	130g	-6040K
5m	19mm	210g	-6060K
Metric & Inch Blades			
3m/10'	16mm	115g	-6030K
5m/16'	19mm	200g	-6050K
8m/25'	25mm	365g	-6080K

Hi-Vis Cased

EEC CLASS II ACCURACY

Blade Length	Blade Width	Order Code SEN-536
Metric Only Blades		
3m	16mm	-1440K
5m	19mm	-1460K
Metric & Inch Blades		
3m/10'	16mm	-1430K
5m/16'	19mm	-1450K
7.5m/25'	25mm	-1480K
10m/33'	25mm	-1500K

Metric Measuring Wheel

Robust, lightweight design with impact resistant wheel and patented gear transmission structure with weather resistant housing. Folding aluminium handle automatically 'clicks' into extended position. Five digit counter. 2 reset buttons. Spring loaded kickstand. 'Exact Point' indicator. Trigger operated brake. Supplied with carry case.

Length folded: 505mm
Length extended: 995mm
Wheel: 319mm diameter

99 METRES

Metric Only

999 ·10CM·

Five digit counter - reads up to 9,999.9m (10km)

Weight	Order Code KEN-536
1.96kg	**-9010K**

Surveyor's Fibreglass Tape Measure

A high tensile strength fibreglass tape that will never kink or rust. It is white on one side and yellow on the other to help prevent twisting and the blade is double-coated to protect the markings which feature both metric and imperial measurements. Housed in a robust ABS open frame with folding end claw and large D type handle with rubber insert for a comfort grip. It also has a quick, 2x fast retraction function and marking spike.

Blade Length	Order Code KEN-536
50m/165'	**-3960K**
100m/330'	**-3990K**

Steel Tape Measures

Non-reflective steel tape with nylon coated blade for maximum durability. The tape is housed in a high impact ABS plastic case with flush winding handle and belt clip. For ease of use, the tape is finished off with a handy plastic loop and metal end hook.

Blade Length	Order Code KEN-536
20m/66'	**-3720K**
30m/100'	**-3740K**

Pull/Push Tape Measures

With spring blade return. Self-adjusting hook for internal and external reading. Metric and inch readings. ABS casing. End hook has two rivets, graduated with 1/32", 1/16" and mm.

EEC CLASS II ACCURACY

Blade Length	Blade Width	Order Code SEN-536
2m/6'	13mm	**-1130K**
3m/10'	13mm	**-1140K**

Fibreglass Tape Measures

A high tensile strength fibreglass blade that is both water- and corrosion-proof. It has an easy to read dual scale (metric and imperial), reinforced blade tip and metal end claw. The tape is presented in an impact resistant ABS plastic case with flush fitting winding handle and convenient
strap handle

Blade Length	Blade Width	Order Code SEN-536
10m/33'	9.5mm	**-2420K**
20m/66'	9.5mm	**-2440K**
30m/100'	9.5mm	**-2460K**

Considerations To Make When Choosing A Safety Knife

1. The knife is suitable for use - for the purpose and conditions in which it is to be used

2. Risk of cut injuries - created by using the knife are eliminated where possible or controlled as far as reasonably practicable

3. Risk of avoidable damage and spoilage - to products and materials by the knife are eliminated

4. Knife is maintained - to be safe to protect health and safety and it remains suitable for its intended purpose

5. Staff wellbeing is prioritised - by involving knife users in the selection process

Safety Level		Safety Knives
Ultimate	5	**Recessed blade (page 335)** Designed specifically to maximise user safety. The blade is recessed and concealed in the knife body making it almost impossible to touch.
Very High	4	**Ceramic blade** Safer than traditional blades and last longer than steel blades.
High	3	**Restricted blade depth** The blade only comes out a certain amount.
Very Good	2	**Auto return blade (page 327)** Also known as a Smart knife, the blade retracts when the slide button or lever is released or automatically when losing contact with the material being cut.
Good	1	**Spring return blade (page 327)** The blade retracts when the slide button or lever is released.

Product Damage

Experience from specialist Knife Risk Assessments show that product damage is identified during almost in every UK warehouse and picking operationery risk assessment, sometimes running to thousands of pounds per annum. In one major clothes retailer, knife cuts slashed garments worth in excess of £2500 every week. The workforce were paid per box opened. The business assumed the damage had happened at the clothes manufacturer or in transit - they had not realised just how damaging a knife could be and that it was happening in the heart of their UK warehouse and picking operation.

The solution was easy - a knife with a concealed blade where no blade touches the garments but sliced open the box every
time. The losses stopped immediately, with training videos and safety posters helping management effect behavioural change.

Utility Knives

Manual return blade (pages 327 - 328)
The blade is manually retracted into the handle.

Fixed blade (page 328 and 336)
No retraction or safe covering.

Snap-off blade (pages 330 - 331)
Blade can be snapped off when blunted to reveal a new sharp edge.

You must be 18 or over to purchase knives & blades

Age Requirements for Specific Goods such as solvents, axes, knives and knife blades, carry restrictions relating to sales.

We therefore have additional processes in place to ensure that sales will only be made in accordance to the requirements and you may be asked to validate that your address for delivery is to a named business location.

Online sales are restricted and if you are making the purchase in one of our sales locations please do not be offended if you are requested to provide proof of age.

For more information please see our Age Restricted Goods Policy on www.cromwell.co.uk

UTILITY SAFETY KNIVES - AUTO RETURN BLADE

Safety level 2 **Very Good**		Safety Level 2 Very Good	Squeeze trigger	Ambidextrous	Aluminium body	Plastic body	Lanyard hole	Strap cutter	Tape splitter	Bi-material grip	Bade depth setting	3 sided slide button	Spare blade storage	Tool-less blade change	Order Code
	Kennedy®	•		•	•			•	•	•				•	**KEN-537-0780K**

KENNEDY PROFESSIONAL Automatic Retractable Safety Knife/Strap Cutter

Blade automatically retracts when losing contact with surface.
Accepts medium, heavy duty and hook blades.

Product Number	Order Code **KEN-537**
SX1212	**-0780K**
Blades	**-7610K**

Spring Return Blade

Safety level 1 **Good**		Safety Level 1 Good	Ambidextrous	Aluminium body	Glass fibre reinforced plastic body	Lanyard hole	Bi-material grip	Spare blade storage	Tool-less blade change	Folding body	Sliding body	Order Code
	Kennedy®	•	•	•		•		•				**KEN-537-0515K**
	Kennedy®	•	•	•			•	•	•			**KEN-537-0790K**

KENNEDY PROFESSIONAL Auto Retractable Safety Knife

Fixed blade. Spring loaded plastic slide mechanism, automatically retracts the blade back into the handle when pressure is released.
Accepts heavy duty blades only.

Overall Length	Weight each	Order Code **KEN-537**
150mm	165g	**-0515K**

KENNEDY QUALITY INDUSTRIAL TOOLING Auto Retractable Quick Release Safety Knife

Designed for comfort and ease of use, this knife has auto retractable blade and bi- material comfort grip. It also features quick blade release and easy release blade storage.
Comes complete with 4 blades.

Product Number	Order Code **KEN-537**
SX660	**-0790K**

Manual Return Blade

		Aluminium body	Lanyard hole	Bi-material handle	Spare blade storage	Tool-less blade change	Folding body	Two knives in one	Scabbard included	Raised thumb grip	Order Code
	Kennedy®	•	•	•	•				•		**KEN-537-1000K**

KENNEDY QUALITY INDUSTRIAL TOOLING Retractable Blade Knife with Scabbard

Trimming knife supplied with heavy duty blade and impact resistant scabbard.

Overall Length	Weight each	Order Code **KEN-537**
170mm	300g	**-1000K**

UTILITY SAFETY KNIVES - MANUAL RETURN BLADE

		Aluminium body	Lanyard hole	Bi-material handle	Spare blade storage	Tool-less blade change	Folding body	Two knives in one	Scabbard included	Raised thumb grip	Order Code
	Kennedy®	•	•	•	•						KEN-537-0800K
	Kennedy®	•	•		•						KEN-537-0500K
	Kennedy®	•	•		•					•	KEN-537-0510K
	Senator	•	•		•						SEN-537-0500K

Quick Release Utility Knife

Classic design which features quick blade release button, comfort grip handle and lanyard hole.

Product Number	Order Code KEN-537
SX75N	-0800K

Retractable - Complete with 5 Heavy Duty Blades

Slimline die cast body designed to fit comfortably in the hand, with high carbon steel blades. Up to five spare blades can be stored in the handle.

Overall Length	Weight each	Order Code KEN-537
160mm	120g	-0500K

Retractable - Complete with 5 Heavy Duty Blades

Slimline diecast body with contoured grip. High carbon steel blades. Spare blades can be stored in the handle.

Overall Length	Weight each	Order Code KEN-537
155mm	170g	-0510K

Retractable Trimming Knife

Diecast aluminium body with retractable locking blade, built-in hanging hook. Complete with 1 spare blade.

Overall Length	Weight each	Order Code SEN-537
160mm	150g	-0500K

Fixed Blade

		Aluminium body	Lanyard Hole	Bi-material handle	Spare blade storage	Tool-less blade change	Folding body	Scabbard included	Order Code
	Kennedy®	•	•		•	•		•	KEN-537-0480K
	Kennedy®	•	•		•				KEN-537-0530K

Hercules Pattern Trimming Knives

Heavy duty fixed blade pattern, with interlocking body to prevent blade pop up during arduous cutting applications. The spring opening mechanism allows rapid replacement of dulled blades without the need for any other tool. Spare blades are stored in body.

Fixed Blade

Impact Resistant Scabbard

The spring opening mechanism allows rapid replacement of dulled blades

Overall Length	Weight each	Order Code KEN-537
185mm	347g	-0480K

Fixed - Complete with 5 Heavy Duty Blades

Die cast body with heavy duty knurled style for extra grip which provides a greater degree of control and comfort.

Overall Length	Weight each	Order Code KEN-537
135mm	150g	-0530K

UTILITY KNIVES - REPLACEMENT BLADES

Knife Blades

Kennedy® Industrial quality knife blades have a superior edge hardening for longer tool life and sharper edge.

Medium Duty
For use on paper, card and leather.

Pack Quantity	Weight Per Pk	Order Code KEN-537
5	30g	-2540K
100	250g	-2550K

Heavy Duty
For use on carpets and vinyl.

Pack Quantity	Weight Per Pk	Order Code KEN-537
5	30g	-2560K
10	55g	-2500K
100	250g	-2570K

Hook Type
With point, suitable for penetrating and cutting sheet materials.

Pack Quantity	Weight Per Pk	Order Code KEN-537
5	30g	-2580K
100	250g	-2590K

Wheel Lock Fixed Blade Trimming Knife

Scan the QR code

Trimming Knife Blades

Scan the QR code

KNIVES - 18MM & 9MM SNAP-OFF

		18mm Wide Blade	8 Segment Blade	9mm Wide Blade	7 Segment Blade	13 Segment Blade	Micro knife	Disposable	Ultra Slim	Auto Load Blades	Blade Lock	Soft Grip	Blade Snapper	Plastic Body	Metal Body	Wheel Lock	Order Code
	Kennedy®	•	•							•		•		•			KEN-537-0740K
	Kennedy®	•	•											•			KEN-537-0350K
	Kennedy®	•	•											•			KEN-537-0370K
	Senator	•	•											•			SEN-537-0330K
	Senator	•	•								•			•			SEN-537-0410K
	Kennedy®			•		•				•		•		•			KEN-537-0720K
	Kennedy®			•		•								•			KEN-537-0310K
	Kennedy®			•		•								•			KEN-537-0290K
	Kennedy®			•	•		•	•						•			KEN-537-0200K
	Senator			•		•					•			•			SEN-537-0430K
	Kennedy®			•		•			•						•		KEN-537-0250K

KENNEDY PROFESSIONAL Autoload & Lock Knife

ABS plastic with rubber coating for extra grip. Steel blade slides prevent blade slippage or case splitting and give the knife a smooth action.
Auto- load feature. As used blade is ejected, a new blade is automatically loaded into place.

Overall Length	Blade Segments	Weight each	Order Code KEN-537
170mm	8	165g	-0740K

SENATOR QUALITY TOOLING Utility Knives

A range of Snap-off blade knives with contoured moulded grips and steel slides. Blade locking mechanism in the thumb slide. Replacement blades available on request.

Snap-off Blade
8 segment, 18mm heavy duty.

Overall Length	Weight each	Order Code SEN-537
130mm	60g	-0330K

KENNEDY QUALITY INDUSTRIAL TOOLING Snap-off Blade Retractable Knife

High strength ABS plastic construction with slider lock.

Standard: 160mm. 18 x 100mm, 8 segment blade.

Overall Length	Weight each	Order Code KEN-537
160mm	86g	-0350K

KENNEDY QUALITY INDUSTRIAL TOOLING Snap-off Blade Retractable Knife

High strength ABS plastic construction with slider lock.

Standard: 18 x 100mm. 8 segment blade.

Overall Length	Weight each	Order Code KEN-537
160mm	38g	-0370K

SENATOR QUALITY TOOLING Snap-off Blade Knife

8 segment, 18mm economy.

Overall Length	Weight each	Order Code SEN-537
130mm	60g	-0410K

KENNEDY QUALITY INDUSTRIAL TOOLING Snap-off Knife Blades

Kennedy® Industrial quality knife blades have a superior edge hardening for longer tool life and sharper edge. Best value with longer working between blade changes.

Overall Length	Pack Quantity	Weight each	Order Code KEN-537
18 x 100	10	72g	-2050K
	50		-2070K

KENNEDY PROFESSIONAL Autoload & Lock Knife

ABS plastic with rubber coating for extra grip. **Unique spring loaded automatic blade replacement.**

Overall Length	Blade Segments	Weight each	Order Code KEN-537
140mm	13	65g	-0720K

KENNEDY QUALITY INDUSTRIAL TOOLING Snap-off Blade Retractable Knives

High strength ABS plastic construction with slider lock.
Mini: 140mm. 9 x 91mm, 13 segment blade.

Overall Length	Weight each	Order Code KEN-537
140mm	32g	-0310K

Mini: 9 x 91mm, 13 segment blade.

Overall Length	Weight each	Order Code KEN-537
130mm	21g	-0290K

Retractable Micro Pocket Knife
Blade snapper and locking mechanism. 7 segment 9mm wide blade.

Overall Length	Weight each	Order Code KEN-537
100mm	6g	-0200K

KENNEDY QUALITY INDUSTRIAL TOOLING Ultra Slim Retractable Knife

Precision knife. Black coated. 13 segment, blade 9 x 91mm.

Overall Length	Weight each	Order Code KEN-537
130mm	20g	-0250K

KENNEDY QUALITY INDUSTRIAL TOOLING Snap-off Knife Blades

Kennedy® Industrial quality knife blades have a superior edge hardening for longer tool life and sharper edge. Best value with longer working between blade changes and with easy, safe segment-snap to renew leading edge.

9 x 91mm - 13 segments

Overall Length	Pack Quantity	Weight each	Order Code KEN-537
9 x 91	10	23g	-2110K
	50		-2140K

SENATOR QUALITY TOOLING Utility Knife

Contoured moulded grip and steel slide. Blade locking mechanism in the thumb slide.

Snap-off Blade
13 segment, 9mm standard.

Overall Length	Weight each	Order Code SEN-537
130mm	60g	-0430K

KENNEDY QUALITY INDUSTRIAL TOOLING Disposable Knife

Fixed ground steel blade. Non-slip finger/thumb grip. Ideal for industrial use, modelling and craft work. Plastic safety cap with pocket clip.

Overall Length	Order Code KEN-537
155mm	-0070K

KENNEDY QUALITY INDUSTRIAL TOOLING Non-Sterile Handles

No.3 & 4 Style
Non-sterile nickel alloy handle with textured body. For precision use in modelling and craft work. Dulled blades can be changed quickly and easily.

Handle Type	Overall Length	Weight each	Order Code KEN-537
No.3	123mm	27g	-7230K
No.4	135mm	27g	-7240K

KENNEDY QUALITY INDUSTRIAL TOOLING Carbon Steel Non-Sterile Blades

No.10A
Non-sterile, for use with No.3 type handle.

Style	Pack Quantity	Order Code KEN-537
10A	100	-7015K

No.11
Non-sterile, for use with No.3 type handle.

Style	Pack Quantity	Order Code KEN-537
11	100	-7025K

No.21
Non-sterile, for use with No.4 type handle.

Style	Pack Quantity	Order Code KEN-537
21	100	-7045K

No.22
Non-sterile, for use with No.4 type handle.

Style	Pack Quantity	Order Code KEN-537
22	100	-7055K

No.23
Non-sterile, for use with No.4 type handle.

Style	Pack Quantity	Order Code KEN-537
23	100	-7065K

Each blade is packaged in safety foil for easier handling.

No.24
Non-sterile, for use with No.4 type handle.

Style	Pack Quantity	Order Code KEN-537
24	100	-7075K

No.26
Non-sterile, for use with No.4 type handle.

Style	Pack Quantity	Order Code KEN-537
26	100	-7085K

YAMOTO Folding Pocket Knife

- Spring blade mechanism automatically locks the blade in open or closed position
- Body designed to store two blades
- Hole design so the knife can be fitted to a key ring
- Ambidextrous design means the product can be used by both left and right handed users

Overall Length	Order Code YMT-537
135mm	**-1500K**

YAMOTO Folding Pocket Knife Replacement Blades

- Available as a pack of 5 or 50 to allow you to choose the product that best suits your requirements
- A cost effective way of keeping your knife working at an optimum level
- Manufactured from hard wearing carbon steel that holds a good cutting edge over time

Typical Applications
- Ideal for use when replacing blunt blades in the Yamoto folding knife, product YMT5371500K
- Folding blades are ideal for general purpose cutting with an additional focus on safety

Notes
- To fit the YMT5371500K model folding knife

Number of Blades	Order Code YMT-537
5	**-1520K**
50	**-1530K**

KNIVES - PRECISION & POCKET

KENNEDY QUALITY INDUSTRIAL TOOLING Precision Knife Set

Multi-purpose knife set, ideal for modelling, craft work and industrial use. Covers a wide range of applications including cutting, chiselling, stencilling and scoring. All holders have a positive guide locator to provide extra safety when changing blades.

Contents:
1x light duty holder.
1x medium duty holder.
1x fluted ABS holder.
1x general cutting and trimming blade.
1x general cutting and slicing blade.
3x detail cutting and stripping blade.
1x medium/heavy duty cutting blade.
1x stencilling and scoring blade.
1x precision wood chiselling blade.
1x deep cross and smooth wood chiselling blade.
2x chiselling and trimming blade.
1x heavy duty cutting blade.
1x close corner cutting blade.

Number Of Pieces	Weight each	Order Code KEN-537
16	235g	-5100K

SENATOR QUALITY TOOLING Locking Knives

- Handle is made from rosewood for resilience and bolstered user comfort
- Blades are manufactured from stainless steel for durability and precision cutting
- Available in two sizes to suit your needs
- Brass fittings hold the blade securely in place
- Ambidextrous design allows bot left and right handed users to operate the knife

Overall Length	Order Code SEN-537
150mm	-1200K
200mm	-1300K

KENNEDY QUALITY INDUSTRIAL TOOLING Precision Blades

General Cutting & Trimming

Pack Quantity	Weight each	Order Code KEN-537
10	9g	-7520K

General Cutting & Slicing

Pack Quantity	Weight each	Order Code KEN-537
10	9g	-7280K

Detail Cutting & Stripping

Pack Quantity	Weight each	Order Code KEN-537
5	8g	-7310K

Stencilling & Scoring

Pack Quantity	Weight each	Order Code KEN-537
5	9g	-7350K

KENNEDY QUALITY INDUSTRIAL TOOLING Precision Knives

Suitable for modellers art and craft workers and wood carvers. Ideal for making point of sale samples where precision cutting is required. Available in three styles:

TK1 - Light duty: lightweight, small diameter aluminium handle suitable for cutting on paper, soft and lightweight materials or wood.

TK2 - Medium duty: lightweight, large diameter aluminium handle suitable for cutting heavy paper and medium density materials.

TK5 - Heavy duty: fluted, ABS plastic handle suitable for working with hardwood, plastic and other difficult to cut materials.

Product Number	Duty	Weight each	Order Code KEN-537
TK1	Light	28g	-4610K
TK2	Medium	47g	-4620K
TK5	Heavy	47g	-4630K

Precision Wood Chiselling

Pack Quantity	Weight each	Order Code KEN-537
5	12g	-7550K

Deep Cross & Wood Chiselling

Pack Quantity	Weight each	Order Code KEN-537
5	9g	-7400K

Chiselling & Trimming

Pack Quantity	Weight each	Order Code KEN-537
10	10g	-7410K

Heavy Duty Cutting

Pack Quantity	Weight each	Order Code KEN-537
5	9g	-7420K

Close Corner Cutting

Pack Quantity	Weight each	Order Code KEN-537
10	9g	-7480K

Medium/Heavy Duty Cutting

Pack Quantity	Weight each	Order Code KEN-537
10	10g	-7470K

SAFETY KNIVES - RECESSED BLADE

Safety level 5 **Ultimate**		Safety Level 5 Ultimate	Pull Cutter	Push Cutter	One Cutting Edge	Two Cutting Edges	Disposable	Replacement Head	Replacement Blade	Tape Splitter	Scraper	Lockable Blade Change	Tether Point	Spare Blade Storage	Staple Remover	Soft Grip	Order Code	Page
	Avon	•	•		•		•						•				AVN-537-0020K	809
	Avon	•		•	•		•			•			•				AVN-537-0010K	809
	Senator	•	•		•		•										SEN-537-2000K	810

Disposable Cutting Safety Knife

High impact plastic handle with enclosed blade to ensure maximum user safety.

Overall Length	Order Code **AVN-537**
154mm	**-0020K**

Fish 2000 Safety Knife

Has an enclosed blade within a 4.7mm gap and an auto-retracting hook blade.

Overall Length	Order Code **AVN-537**
155mm	**-0010K**

Disposable Carton & Strap Cutter

The blade is partially exposed to prevent accidental cuts.

Overall Length	Order Code **SEN-537**
80mm	**-2000K**

UTILITY SAFETY KNIVES - SPRING RETURN BLADE

Safety level 1 Good		Safety Level 1 Good	Ambidextrous	Aluminium body	Glass fibre reinforced plastic body	Lanyard hole	Bi-material grip	Spare blade storage	Tool-less blade change	Folding body	Sliding body	Order Code
	Kennedy®	•	•	•			•				•	**KEN-537-1120K**

Quick Change Utility Knife

An innovative sliding blade holder with durable soft touch composite casing. Quick and easy to change blade with no tools needed. One handed operation.

Overall Length	Weight each	Order Code KEN-537
115mm	120g	**-1120K**

Knife extends to allow auto-retractable blade to be used.

Fixed Blade

		Aluminium body	Lanyard Hole	Bi-material handle	Spare blade storage	Tool-less blade change	Folding body	Scabbard included	Order Code
	Kennedy®	•		•		•	•		**KEN-537-0640K**

Quick Release Folding Knife

Quick release blade and folds to 9 x 3.5cm to stow using the integral belt clip. Accepts medium, heavy duty and hook blades. With blade guard.

Product Number	Order Code KEN-537
KQF935	**-0640K**

Window Scraper Replacement Blades

(10 Pack)

Blade length	Width	Order Code KEN-537
40mm	10mm	**-7560K**

Wire and Cable Strippers

This range of wire and cable strippers provides efficient, precise, and ergonomic solutions for a variety of stripping needs. These tools, designed for professionals, enhance productivity with features like fully automatic operation, adjustable length stops, and integrated cutting blades, ensuring accurate and safe stripping for a wide range of cable sizes.

- Fully automatic operation increases efficiency and reduces manual effort
- Adjustable length stops ensure accurate and consistent stripping lengths
- Integrated cutting blades cut wires cleanly and safely
- Self-rotating blade mechanism prevents damage to inner conductors
- Ergonomic design enhances user comfort and safety

Maximum Compatible Wire Size	Overall Length	Order Code KEN-537
0.125mm	112mm	**-1245T**
4.6mm	160mm	**-2898C**
0.8mm	112mm	**-9091L**
28mm	145mm	**-4000K**
28mm	145mm	**-4010K**

KENNEDY QUALITY INDUSTRIAL TOOLING Hacksaw Frames

150mm (6") BLADE

Pro-Grip Junior
Rigid steel frame. Contoured die cast handle with knuckle guard. Thumb screw blade tensioner.
Complete with blade.

Overall Length	Weight per 12	Order Code KEN-538
235mm	2.50kg	-0550K

KENNEDY QUALITY INDUSTRIAL TOOLING Hacksaw Frames

150mm (6") BLADE

Beaver Style
High impact resistant pistol grip. Steel oval section frame for strength and rigidity. Thumb screw blade tensioning. Supplied complete with 18tpi metal cutting blade.

Overall Length	Weight per 12	Order Code KEN-538
275mm	1.80kg	-0630K

KENNEDY QUALITY INDUSTRIAL TOOLING Pad Saw

145mm BLADE

Heavy duty foam grip. Accepts ½" deep hacksaw blades. Suitable for use in areas of awkward access.

Overall Length	Weight each	Order Code KEN-538
275mm	130g	-1000K

KENNEDY QUALITY INDUSTRIAL TOOLING Standard Junior Pattern

150mm (6") BLADE

Epoxy coated spring steel frame, keeps the blade tensioned correctly at all times. Suitable for smaller applications, where the workpiece cannot be held firmly. Complete with 32tpi blade.

Overall Length	Weight per 50	Order Code KEN-538
260mm	6.40kg	-0600K

KENNEDY QUALITY INDUSTRIAL TOOLING Tile Saw

150mm (6") BLADE

Abrasive coated blade suitable for cutting intricate shapes, to allow flush fitting of tiles. Supplied with blade.

Overall Length	Weight each	Order Code KEN-538
200mm	210g	-3600K

KENNEDY QUALITY INDUSTRIAL TOOLING Mini Hand Saw - Comfort Grip

150mm (6") BLADE

Plastic pistol grip with slip resistant grooves, spring steel frame. Complete with blade.

Overall Length	Weight per 12	Order Code KEN-538
216mm	1.20kg	-0620K

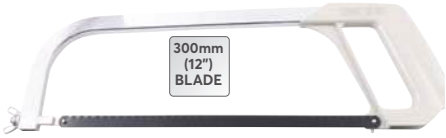
KENNEDY QUALITY INDUSTRIAL TOOLING Adjustable Hacksaw

Die-cast 'D' style handle for user comfort and control. Epoxy coated tubular steel frame for strength and rigidity. The blade can be set at 90° to the frame to allow cutting in areas with restricted access. Wing nut blade tensioning. Accepts 250mm (10") and 300mm (12") blades. Supplied with blade.

Overall Length	Weight per 5	Order Code KEN-538
475mm	3.20kg	-0650K

SENATOR QUALITY TOOLING Hacksaw Frame

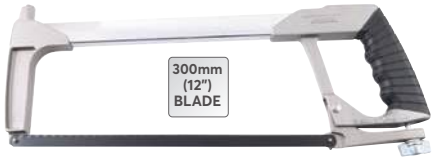
Lightweight body with wing nut blade tensioner. Supplied with blade. Suitable for light duty and workshop use.



Overall Length	Weight per 6	Order Code SEN-538
440mm	3.10kg	-0010K

KENNEDY QUALITY INDUSTRIAL TOOLING Professional 'Plus' Hacksaw

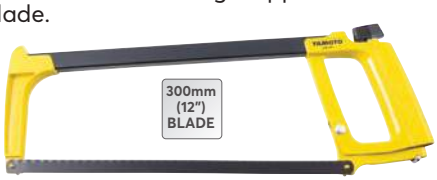
Heavy duty steel frame with front grip and 'D' style handle with grooved slip resistant rubber inlay for positive control and comfort. Wing nut and lever blade tensioning. The blade can be set at 45° to the frame to allow flush cutting. Supplied with blade.



Overall Length	Weight per 5	Order Code KEN-538
400mm	3.80kg	-2350K

YAMOTO Lightweight Hacksaw Frame

Strong and rigid construction frame with die-cast aluminium handle. Wing nut and lever blade tensioning allow easy blade replacement. The blade can be set at 90° for straight cuts and at 35° to the frame for flush cutting. Supplied with blade.



Overall Length	Weight per 5	Order Code YMT-538
400mm	3.80kg	-2250K

KENNEDY QUALITY INDUSTRIAL TOOLING Low Profile Hacksaw

Manufactured from rigid and lightweight aluminium with hi-strength I-beam frame. Moulded 'soft touch' cushion grip. Features wing nut blade tensioning and 0° and 45° blade settings. Supplied with blade.

Overall Length	Weight per 5	Order Code KEN-538
410mm	2.75kg	-0800K

KENNEDY QUALITY INDUSTRIAL TOOLING Quick Release Hacksaw

Featuring quick blade release and cushioned die-cast aluminium handle. Precise tension adjustment through ring nut and 45° & 90° blade positioning. Bi-metal blade included.

Blade Length	Order Code KEN-538
12in	-2820K

Heavy Duty G-Clamps

Manufactured from drop forged ribbed anti-twist frame steel suited to fabrication and other heavy applications, etc.

Capacity (mm)	Throat Depth	Weight each	Order Code KEN-539
50	33mm	0.35kg	**-2020K**
75	40mm	0.75kg	**-2030K**
100	52mm	1.40kg	**-2040K**
150	82mm	2.00kg	**-2060K**
200	100mm	3.00kg	**-2080K**
300	127mm	7.60kg	**-2120K**

Heavy Duty Deep Throat Clamps

Special clamp manufactured from drop forged steel, with extra throat depth for clamping workpieces further in from the edges, allowing a greater range of applications.

Capacity (mm)	Throat Depth	Weight each	Order Code KEN-539
50	60mm	460g	**-2620K**
75	80mm	955g	**-2630K**
100	115mm	2195g	**-2640K**

Light Duty Cast G-Clamps

Light duty cast steel. Suitable for tradesmen, engineers, woodworkers etc.

Capacity	Weight each	Order Code SEN-539
50mm	195g	**-1020K**
100mm	675g	**-1040K**
150mm	1340g	**-1060K**

Extra Heavy Duty G-Clamps

Manufactured from drop forged steel ribbed anti-twist frame suited to fabrication and welding applications, etc.

Capacity (mm)	Throat Depth	Weight each	Order Code KEN-539
50	32mm	0.45kg	**-2220K**
75	43mm	0.70kg	**-2230K**
100	52mm	1.40kg	**-2240K**
150	72mm	1.90kg	**-2260K**
200	110mm	4.50kg	**-2280K**
250	123mm	6.00kg	**-2300K**
300	130mm	9.00kg	**-2320K**

Extra Heavy Duty G-Clamps - Copper Plate Screw

Manufactured from drop forged ribbed anti-twist frame steel suited to fabrication and welding applications, etc. Resistant to rusting and weld spatter.

Capacity (mm)	Throat Depth	Weight each	Order Code KEN-539
50	40mm	0.60kg	**-2420K**
75	50mm	0.70kg	**-2430K**
100	65mm	1.30kg	**-2440K**
150	90mm	3.00kg	**-2460K**
200	110mm	4.50kg	**-2480K**
250	130mm	5.90kg	**-2500K**
300	150mm	9.10kg	**-2520K**

Replacement Clamp Shoes To Suit 2" Heavy Duty G-Clamp

Scan the QR code

SENATOR QUALITY TOOLING One-Handed Speed Clamp

Manufactured from pressed steel for strength and durability. Trigger adjustment based on the sealant cartridge applicator gun. Quick release thumb lever.
High strength hexagonal steel thrust rod with swivel shoe for clamping non parallel surfaces. High strength plastic contact pads.

Capacity (mm)	Throat Depth (mm)	Order Code SEN-539
100	56	-5500K

KENNEDY QUALITY INDUSTRIAL TOOLING T-Handle Clamps

General-purpose. Manufactured from medium heat treated carbon steel finished with nickel and chrome plating.
Steel T-spindle for extra clamping force.

Quick Action

Capacity (mm)	Throat Depth (mm)	Order Code KEN-539
160	80	-0500K
200	100	-0520K
250	110	-0540K
300	110	-0560K
400	110	-0580K
500	110	-0600K
600	110	-0620K

KENNEDY QUALITY INDUSTRIAL TOOLING Heavy Duty T-Handle Clamps

Manufactured from heat treated carbon steel for extra strength. Finished with nickel and chrome plating. Textured T-spindle for extra clamping force.

Thicker Section For Greater Strength

Capacity (mm)	Throat Depth (mm)	Order Code KEN-539
150	60	-4200K
200	100	-4220K
300	100	-4280K

KENNEDY QUALITY INDUSTRIAL TOOLING Wooden Handle Speed Clamps

Manufactured from medium heat treated carbon steel with nickel and chrome plated finish. With a straight wooden handle for easy clamping.

Easy To Use

Capacity (mm)	Throat Depth (mm)	Order Code KEN-539
120	60	-0800K
160	80	-0820K
200	100	-0840K
250	130	-0860K
300	130	-0880K
400	110	-0900K
600	110	-0940K

KENNEDY QUALITY INDUSTRIAL TOOLING Heavy Duty T-Handle Multi-Hold Clamps

Manufactured from heat treated carbon steel for extra strength. Finished with nickel and chrome plating. Textured T-spindle for extra clamping force. Supplied with three replaceable clamping pads for versatility.

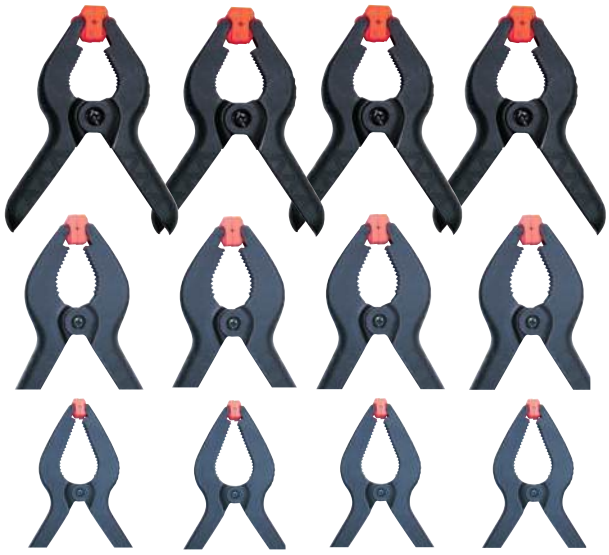
Extremely Versatile

Capacity (mm)	Throat Depth (mm)	Order Code KEN-539
250	120	-4320K
300	120	-4340K
400	120	-4360K
500	120	-4380K
600	120	-4400K

KENNEDY QUALITY INDUSTRIAL TOOLING Gripper Clamp Set

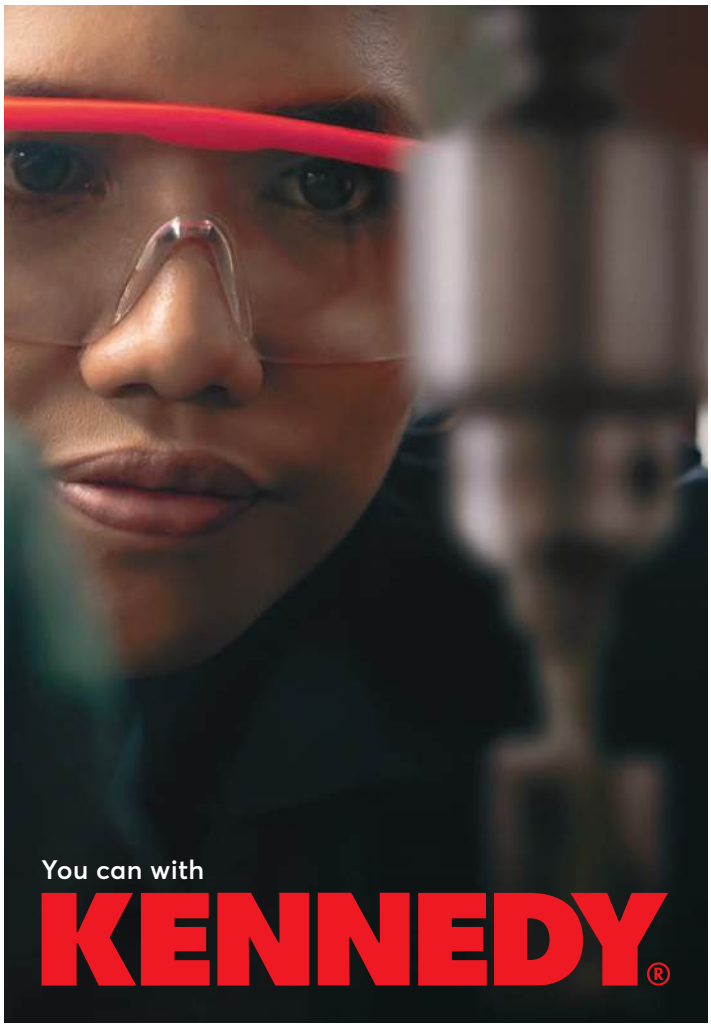
Spring loaded clamps, as above.

12 Piece Set Contents:
4x 120mm,
4x 150mm,
4x 210mm.



12 PIECES

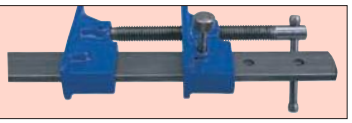
Weight	Order Code KEN-539
1564g	-5400K



KENNEDY QUALITY INDUSTRIAL TOOLING Sash Clamps

SG ductile cast iron heads and slides, bars are manufactured from bright drawn steel. Main screw and handles are made from high grade steel.

Unique spring load pin mechanism: for quick and easy adjustment. Can't drop out during use.

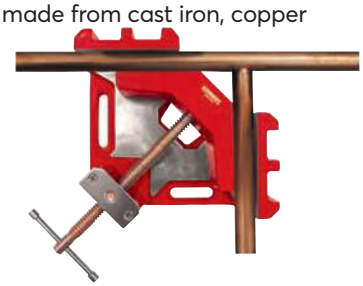


Capacity (mm)	Weight	Order Code KEN-539
600	2.20kg	-3820K
910	2.75kg	-3840K
1220	3.25kg	-3860K
1670	4.00kg	-3880K

High Grade Steel for Heavy Duty Applications

KENNEDY QUALITY INDUSTRIAL TOOLING 90° Welding Angle Clamp

One man set up and operation, made from cast iron, copper plated spindle for spatter protection, T-Handle enables high pressure for secure clamping, easy fixing to a work bench or machine tool table.



Capacity (mm)	Weight each	Order Code KEN-539
60mm	05.3kg	-0360K
90mm	10.5kg	-0390K

KENNEDY QUALITY INDUSTRIAL TOOLING One Handed Quick Action Bar Clamps

Kennedy® Professional Dual Action Quick Clamps are designed for use one handed for speed and convenience. The pistol grip handle houses a ratchet clamping mechanism, that incrementally applies clamping force when you pull the trigger, to release or reposition the clamp jaw hold down the quick release button and slide the jaw along the bar. Can be used as a bar clamp or as a spreader simply by turning the handle around.

Features include: 90mm throat depth. Clamping force of up to 180kg. Quick release buttons for both jaws allows them to be positioned quickly anywhere on the bar and can be turned around to act as a spreader. Heavy duty steel bar. Non-slip clamp faces.

Capacity (mm)	Spread Range (mm)	Clamping Force	Order Code KEN-539
175	190 - 425	180kg	-3330K
325	190 - 580	180kg	-3360K
475	190 - 730	180kg	-3390K
625	190 - 880	180kg	-3420K
925	190 - 1125	180kg	-3450K

KENNEDY QUALITY INDUSTRIAL TOOLING Liquid Measures

Chemical and oil resistant polyethylene.

Graduations:
¼ltr - 10ml,
½ltr - 10ml,
1ltr - 10ml,
2ltr - 20ml,
3ltr - 50ml,
5ltr - 100ml.

Capacity	Weight each	Order Code KEN-540
¼ltr	45g	-5500K
½ltr	75g	-5520K
1ltr	100g	-5540K
2ltr	180g	-5560K
3ltr	260g	-5580K
5ltr	360g	-5600K

KENNEDY QUALITY INDUSTRIAL TOOLING Heavy Duty Liquid Measures

Chemical and oil-resistant polyethylene. Integral dispensing spout. Can be used in conjunction with dispensing spouts below.

Graduations:
½ltr - ¼ and ½ltr.
1ltr - ¼, ½, ¾ltr.
2ltr - ½, 1, 1½ and 2ltr.
3ltr - 1, 1½, 2, 2½ and 3ltr.
5ltr - 1, 2, 3, 4 and 5ltr.

Capacity	Weight each	Order Code KEN-540
½ltr	60g	-5700K
1ltr	100g	-5720K
2ltr	180g	-5740K
3ltr	240g	-5760K
5ltr	340g	-5770K

Pouring Spouts

Flexible polyethylene, suitable for use with the spouted funnels and measures.

Suitable For	Weight each	Order Code KEN-540
½ & 1ltr Measures	5g	-5160K
2, 3, & 5ltr Measures	15g	-5170K

KENNEDY QUALITY INDUSTRIAL TOOLING Tin-Plated Oil Supply Cans

With easy pour handles, extended spout with chain retained end cap and hinged lid cap.

Capacity litre	Weight each	Order Code KEN-540
3	562g	-2540K
5	702g	-2560K
10	1038g	-2580K

KENNEDY QUALITY INDUSTRIAL TOOLING Plastic Funnels

Resistant to oil and chemicals. Heavy duty polyethylene which will not shatter or break in cold weather.

Diameter (mm)	Order Code KEN-540
55	-2812K
75	-2817K
100	-2822K
120	-2832K
150	-2842K

Plastic Funnel Set Contents:
50, 75, 100 and 125mm.

4 PIECES

Number of Pieces	Order Code KEN-540
4	-2892K

KENNEDY QUALITY INDUSTRIAL TOOLING Heavy Duty Plastic Funnels

With anti-splash rims.

Diameter (mm)	Order Code KEN-540
160	-2912K
195	-2922K
235	-2932K
350	-2940K

KENNEDY QUALITY INDUSTRIAL TOOLING Plastic Jerry Cans

Secure water containers manufactured from food grade plastic available in 10, 15 and 20ltr capacities, fitted with a collared screw top for ease of refilling and a twist on-off tap for spill free dispensing.
The moulded handle design makes it ideal for transporting and storing water in and around the work place, home or when travelling.

Capacity litre	Type	Order Code KEN-540
10	Water	-6500K
15	Water	-6520K
20	Water	-6540K
35	Water	-6570K

KENNEDY QUALITY INDUSTRIAL TOOLING Polyethylene Funnel with Lockable Lid

Screws into a standard 2" bung hole on a barrel. Includes a removable filter screen.

Size: 253mm x 200mm

Capacity	Order Code KEN-540
4.5ltr	-2680K

KENNEDY QUALITY INDUSTRIAL TOOLING Industrial Quality Plastic Funnel

Rectangular
Suitable for use with petrol, oil, water etc.

Size (mm)	Weight each	Order Code KEN-540
250 x 180	210g	-2900K

KENNEDY QUALITY INDUSTRIAL TOOLING Tin-Plated Industrial Quality Funnels

Suitable for use with petrol, oil, water etc.

Diameter (mm)	Weight each	Order Code KEN-540
150	140g	-2600K
200	250g	-2800K

KENNEDY QUALITY INDUSTRIAL TOOLING Metal Funnel with Plastic Spout & Filter

Sturdy metal construction complete with integral handle for ease of use, plastic spout and removable filter. High rim design guards against splashing. Flexible spout extension also available (KEN-540-2700K).

Diameter	Order Code KEN-540
170mm	-2690K
Flexible spout extension	-2700K

KENNEDY QUALITY INDUSTRIAL TOOLING Plastic Funnel

With anti-splash rim, removable brass filter, integral handle and rigid offset spout.

Diameter (mm)	Order Code KEN-540
160	-2962K

KENNEDY QUALITY INDUSTRIAL TOOLING Plastic Funnel

With anti-splash rim, integral hanging hook and 300mm detachable flexible spout.

Diameter (mm)	Order Code KEN-540
160	-2997K

KENNEDY QUALITY INDUSTRIAL TOOLING Rotary Pump

RP250
Cast iron pump, steel suction tube and spout. Suitable for lubricants and diesel (not anti-freeze).
Suitable for container size 200ltr.
Tube length 980mm.
Inlet on pump 2" BSP and M59 x 5 male thread.

Discharge per Stroke	Weight each	Order Code KEN-540
250ml 35ltr/min	5.7kg	-3100K

YAMOTO Steel Lever Action Barrel Pump

Self adjusting telescopic suction tube. Comfortable handle grip. Suitable for lubricants & non-corrosive liquids.

Discharge per Stroke	Weight each	Order Code YMT-540
300ml	2.14kg	-3001K

KENNEDY QUALITY INDUSTRIAL TOOLING Syphon Pump

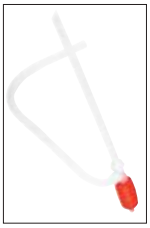
Flexible plastic outlet and semi- rigid inlet tubes. Hand pumping units incorporate one-way valves. Suitable for use with petrol, diesel and non-corrosive liquids. All tubes can be cut to length.

SPS/25 For use with containers up to 25ltr. Fitted with 30mm bung.
Tube length: inlet 410mm/outlet 530mm.

SPS/205 For use with containers up to 205ltr. Fitted with a 50mm threaded bung.
Tube length: inlet 860mm/outlet 1000mm.

SPH/205 Heavy duty, for use with containers up to 205ltr. Fitted with a 50mm threaded bung.
Tube length: inlet 860mm/outlet 1000mm.

SPS/25 has a squeeze action.
SPS/205 & SPH/205 have a plunger type action.



Up to 25ltr

Up to 205ltr

Up to 205ltr
Heavy duty

Model Number	Suitable for Containers	Weight each	Order Code KEN-540
SPS/25	25ltr	40g	-4000K
SPS/205	205ltr	80g	-4050K
SPH/205	205ltr	420g	-4150K

KENNEDY QUALITY INDUSTRIAL TOOLING Lever Pump

LP300

Zinc chrome finish steel, telescopic suction tube. Suitable for lubricants, diesel and non-corrosive liquids. Suitable for container sizes 60 and 200ltr. Tube length 480 - 900mm. Inlet on pump 2" BSP and M59 x 5 male thread.

Discharge per Stroke	Weight each	Order Code KEN-540
300ml	2.0kg	-3000K

KENNEDY QUALITY INDUSTRIAL TOOLING Rotary Chemical Dispensing Pump

Designed for use with fluids where a regular cast iron or steel barrel pump cannot be used. Pump body is made from glass filled polypropylene with Ryton veins.

Seals are from Vitron rubber and all hardware is stainless steel. Strainer fitted at the suction tube inlet stops contaminants. Threaded polypropylene suction tube and a choice of 2" bung adaptors for use on both plastic and metal drums of capacities 50ltr and 205ltr. For use with water-based fluids, anti-freeze, acids, chemicals etc., in addition to all petroleum-based products.
Delivery 5ltr per 20 turns of the handle.

DO NOT USE with acetone, lacquer, mineral oils, solvents or turpentine.

Discharge per Stroke	Weight each	Order Code KEN-540
250ml	3kg	-3800K

KENNEDY QUALITY INDUSTRIAL TOOLING Double Diaphragm Fuel Transfer Pump

Heavy duty aluminium die-cast construction fuel transfer pump with a discharge rate of up to 1 gallon per 5 strokes Stainless steel piston and fuel resistant hi-nitrile rubber diaphragm.
2" die cast bung adapter.
Pump inlet is fitted with an easy to clean wire mesh screen filter. Telescopic suction tube, adjustable to fit 50 to 205ltr drums, with non-return valve. Easy dispensing through 2.4m (8') of antistatic neoprene rubber hose with die-cast dispensing nozzle.

Discharge per Stroke	Weight each	Order Code KEN-540
800ml	7.5kg	-3600K

Dispensing Bottles

Manufactured from oil and chemical resistant polyethylene. With rigid applicator nozzles and sealing caps.

60ml Concertina Pump Action Bottle

Capacity (ml)	Weight each	Order Code KEN-540
60	15g	-5000K

250ml Squeeze Bottle

Capacity (ml)	Weight each	Order Code KEN-540
250	40g	-5020K
500	60g	-5040K

With 25° adjustable Brass Spout & Nozzle

Capacity (ml)	Spout Length	Weight each	Order Code KEN-540
125	90mm	40g	-5100K
250	150mm	55g	-5120K
500	190mm	70g	-5140K

Heavy Duty Trigger Hand Sprayers

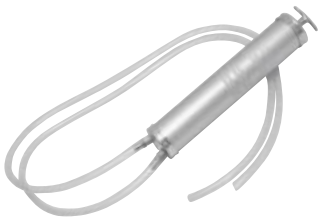
Manufactured from polyethylene, these robust trigger spray dispensers are suitable for many industrial applications. Will dispense various chemicals, water-based detergents, solvents and cleaning agents.

Capacity (ml)	Type	Weight each	Order Code KEN-540
500	Industrial	79g	-5400K
740	Industrial	85g	-5420K
1000	Industrial	146g	-5440K

Dual Transfer Pump

DTP500

Heavy-duty aluminium construction. Durable inlet and outlet valves. Suitable for the transfer of many different liquid types. Portable and easy to operate. Ideal for use in many home, industrial and farm applications.



Capacity (cc)	Weight each	Order Code KEN-540
500	878g	-3400K

Plastic Oil Cans

One-piece moulded plastic bodies with positive force feed pumps, supplied with nylon push-fit spouts.

*150mm spouts
**230mm spouts

Capacity (cc)	Weight each	Order Code KEN-540
350*	110g	-1880K
500*	120g	-1900K
1000**	170g	-1920K

Spare Spouts to Suit (Interchangeable)

Type	Spout Length	Weight each	Order Code KEN-540
Nylon	230mm	8g	-1950K
Nylon	255mm	17g	-1970K

Metal Oil Cans

Enamel finish, heavy gauge, seamless metal-bodied oil cans. With positive force feed brass pumps and valves. Supplied with both rigid metal and flexible nylon threaded spouts.

Capacity (cc)	Weight per 10	Order Code KEN-540
125	2.20kg	-1120K
250	2.90kg	-1250K
350	3.20kg	-1350K
500	3.20kg	-1500K
1000	4.16kg	-1100K
750	3.67kg	-1750K

Spare Spouts to Suit (Interchangeable)

Type	Spout Length	Weight each	Order Code KEN-540
Flexible	150mm	170g	-1800K
	210mm	210g	-1850K

Oil Suction Gun

SG500

Chrome finish. Suitable for rapid draining or filling of oil and other non-corrosive liquids.

Working pressure: 90psi/6.2bar.
Diameter: 63mm.
Overall length: 330mm.

Capacity (cc)	Weight each	Order Code KEN-540
500	870g	-0380K

KENNEDY QUALITY INDUSTRIAL TOOLING Tilting Drum Cradle

Tilting Drum Cradle tips, rotates and locates 205ltr drums.

- Self storing lever bar
- Large 2½" (63mm) non-sparking wheels
- Suitable for 180kg & 205L drums
- Maximum load 600lbs (273kgs).
- Unit comes flat packed.

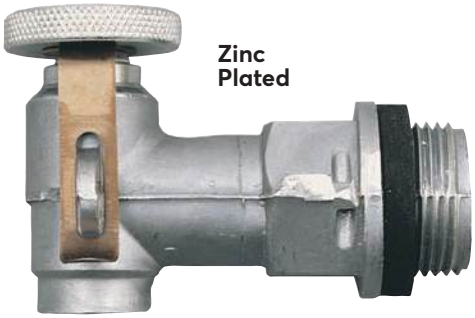
Dimensions (H x W x L):
415 x 410 x 814mm.
Weight: 12.5kg.

Order Code KEN-540
-4400K

KENNEDY QUALITY INDUSTRIAL TOOLING Drum Taps

With ¾" BSP male threads. Both models can be locked into the off position by use of a padlock or locking pin.

Polypropylene
Not suitable for petroleum- based products.



Body	Weight each	Order Code KEN-540
Zinc-Plated	300g	**-9000K**
Polypropylene	100g	**-9050K**

KENNEDY QUALITY INDUSTRIAL TOOLING Waste Oil Collection

Suitable for the collection of waste oil prior to disposal in accordance with your local authority regulations.

Waste Oil Drainer/Container
Compatible with diesel, oil, solvents, water and other non-corrosive liquids. Can be closed for storage and transportation of waste oil.

Oil and Fluid Drain Pans
Manufactured from tough plastic for an effective way of collecting and disposing of waste oil.

Type	Capacity	Shape	Weight each	Order Code KEN-540
Collector	8ltr	Square	1.13kg	**-4500K**
Pan	8ltr	Round	1.14kg	**-4520K**
Pan	16ltr	Round	5.30kg	**-4540K**

KENNEDY QUALITY INDUSTRIAL TOOLING Galvanised Drip Trays

NEW

- 0.6mm thick galvanised steel
- Beaded Rims
- Leakproof folded corners

Description	Internal Dimensions Length x Width x Height	Weight each	Order Code KEN-540
5L Plain Tray	540 x 345 x 50mm	1.6kg	**-4210K**
5L With Mesh	540 x 345 x 50mm	2.2kg	**-4220K**
8L Plain Tray	665 x 560 x 50mm	2.7kg	**-4250K**
8L With Mesh	665 x 560 x 50mm	3.8kg	**-4260K**

10 Litre Pneumatic Fluid Extractor

The cleaner way to drain engine oil from the sump via the dipstick tube, bleed or drain brake/clutch fluids and collect other non-corrosive fluid spillage.

- Fast extraction 2.5Ltr/min
- Lightweight
- Assorted nozzles
- Quick release connection 1/4" BSP

Air Supply: 70-110psi (5-8bar)
Air Consumption: 180L/min
Vacuum (max): 500mm HG

Weight each	Order Code KEN-540
3.5kg	-4700K

12.5kg High Pressure Grease Pump

Direct high pressure lubricating system with centre pump, metal dust cover/lid with integral stabiliser and fixing mechanism. Flexible delivery tube with offset nozzle.
Suitable for medium greases.

Discharge per stroke: 3.8cm³,
Tube length: 375mm,
Inlet on pump max: 260mm.
Barrel (illustrated) available separately.

Weight each	Order Code KEN-540
4.90kg	-0540K

30 Litre Waste Oil Drainer

ODB300
Mobile polyethylene container for collecting waste oil by gravity from engines/ gearboxes.

- Includes a float level indicator
- Height adjustable from 900 to 1600mm
- Drain pan fitted with anti-splash mesh

Heavy duty castors for easy manoeuvrability

Weight each	Order Code KEN-540
11.1kg	-4600K

High Pressure Grease Dispensing Pump

An easy to operate high pressure manual greasing system that is used to provide volume greasing where power is not available.

Pail Capacity: 12.5kg
Pressure: 3500PSI (240bar)
Drum Cover Diameter: 287mm
Delivers: 1.25gm per stroke

Weight each	Order Code KEN-540
4.8kg	-3640K

KENNEDY QUALITY INDUSTRIAL TOOLING Lever Action Grease Guns

200cc

Lever LG200
Chrome plated steel body, handle and offset nozzle. Suction fill only. Suitable for medium/heavy greases.

Working pressure: 3000psi/206bar.
Diameter: 45mm.
Overall length: 300mm.

Capacity	Order Code KEN-540
Cartridge 160cc, Bulk Fill 200cc	**-0150K**

KENNEDY QUALITY INDUSTRIAL TOOLING Side Lever Grease Gun 500cc LG-PRO500

- Enamel finish steel body provides long lasting durability
- Side grip and offset nozzle allows precision on application
- Cartridge, bulk or suction fill allows for flexibility on refills

Capacity cc	Overall Length mm	Order Code KEN-540
500	520	**-0341K**

YAMOTO Lever Type Grease Gun

500c/400g Cartridge, bulk or suction fill. Air bleed screw. Comfortable Handle Grip. Suitable for medium or heavy greases.

Capacity Bulk Fill	Capacity Cartridge	Order Code YMT-540
500cc	400/14oz	**-0251K**

KENNEDY QUALITY INDUSTRIAL TOOLING Side Lever Grease Gun

- Chrome-plated steel body provides long lasting durability
- Side grip and offset nozzle allows precision on application
- Cartridge, bulk or suction fill allows for flexibility on refills
- Working Pressure: 4500psi / 310bar

Capacity cc	Overall Length mm	Order Code KEN-540
400	505	**-0251K**
500	525	**-0301K**

KENNEDY QUALITY INDUSTRIAL TOOLING Push-Type Grease Gun

- Compact design allows for use in tight and restricted areas
- Comes with a universal connector allowing use in a variety of applications

Capacity	Power Source	Order Code KEN-540
118cc	Manual	**-0022K**
236cc	Manual	**-0042K**

YAMOTO Steel Push-Type Grease Gun

120cc

PTG1200
Bulk or suction fill. Corrosion protective electro-plated finish. Polished nozzle and galvanised plunger assembly. Suitable for medium or heavy greases.

Capacity	Weight each	Order Code YMT-540
120cc	415g	**-0030K**

KENNEDY QUALITY INDUSTRIAL TOOLING Hydraulic Grease Nipple Kit

Contents
Straight:
¼" BSP,
⅛" BSP,
M8 x 1.25
¼" BSF.

45°:
M8 x 1.25
M10 x 1.50.

90°:
¼" BSF.

Order Code KEN-541
-5140K

KENNEDY QUALITY INDUSTRIAL TOOLING Hydraulic Grease Nipples

For use with Kennedy® grease guns and all other hydraulic grease equipment.

Straight Hook-On

Thread Size	Weight Per 100	Order Code KEN-541
⅛" BSP(T)	1.30kg	-1070K
¼" BSP(T)	2.00kg	-1090K

45° Type

Thread Size	Weight Per 100	Order Code KEN-541
⅛" BSP(T)	1.30kg	-0610K
¼" BSP(T)	1.95kg	-0690K
¼" BSF	0.70kg	-0770K
M6 x 1	0.70kg	-0850K
M8 x 1.25	0.60kg	-0930K
M10 x 1.5	1.25kg	-1010K

KENNEDY QUALITY INDUSTRIAL TOOLING Hydraulic Connectors

Securely grips the grease nipple while in use.

4-Jaw

Thread Size	Weight each	Order Code KEN-541
⅛" BSP(T)	40g	-0480K

KENNEDY QUALITY INDUSTRIAL TOOLING Metal & Flexible Hoses

For use with Kennedy® grease guns, flexible hoses improve access in confined spaces, ⅛" BSP connecting threads.

Bore x Length	Type	Weight each	Order Code KEN-540
150mm	Offset Metal	40g	-0390K
8x230	Nylon	30g	-0400K
8x300	Nylon	40g	-0410K
8x500	Nylon	40g	-0420K
11x230	Rubber	60g	-0430K
11x300	Rubber	70g	-0440K
11x500	Rubber	90g	-0450K

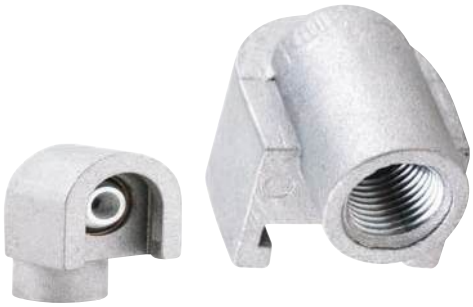
Straight-Type

Thread Size	Weight Per 100	Order Code KEN-541
⅛" BSP(T)	0.60kg	-0600K
¼" BSP(T)	1.10kg	-0680K
¼" BSF	0.30kg	-0760K
M6 x 1	0.30kg	-0840K
M8 x 1.25	0.50kg	-0920K
M10 x 1.5	0.60kg	-1000K

90° Type

Thread Size	Weight Per 100	Order Code KEN-541
⅛" BSP(T)	1.30kg	-0630K
¼" BSP(T)	2.10kg	-0710K
¼" BSF	0.70kg	-0790K
M6 x 1	0.60kg	-0870K
M8 x 1.25	0.55kg	-0950K
M10 x 1.5	1.30kg	-1030K

Hook-On



Thread Size	Weight each	Order Code KEN-541
⅛" BSP(T)	40g	-0490K

KENNEDY QUALITY INDUSTRIAL TOOLING

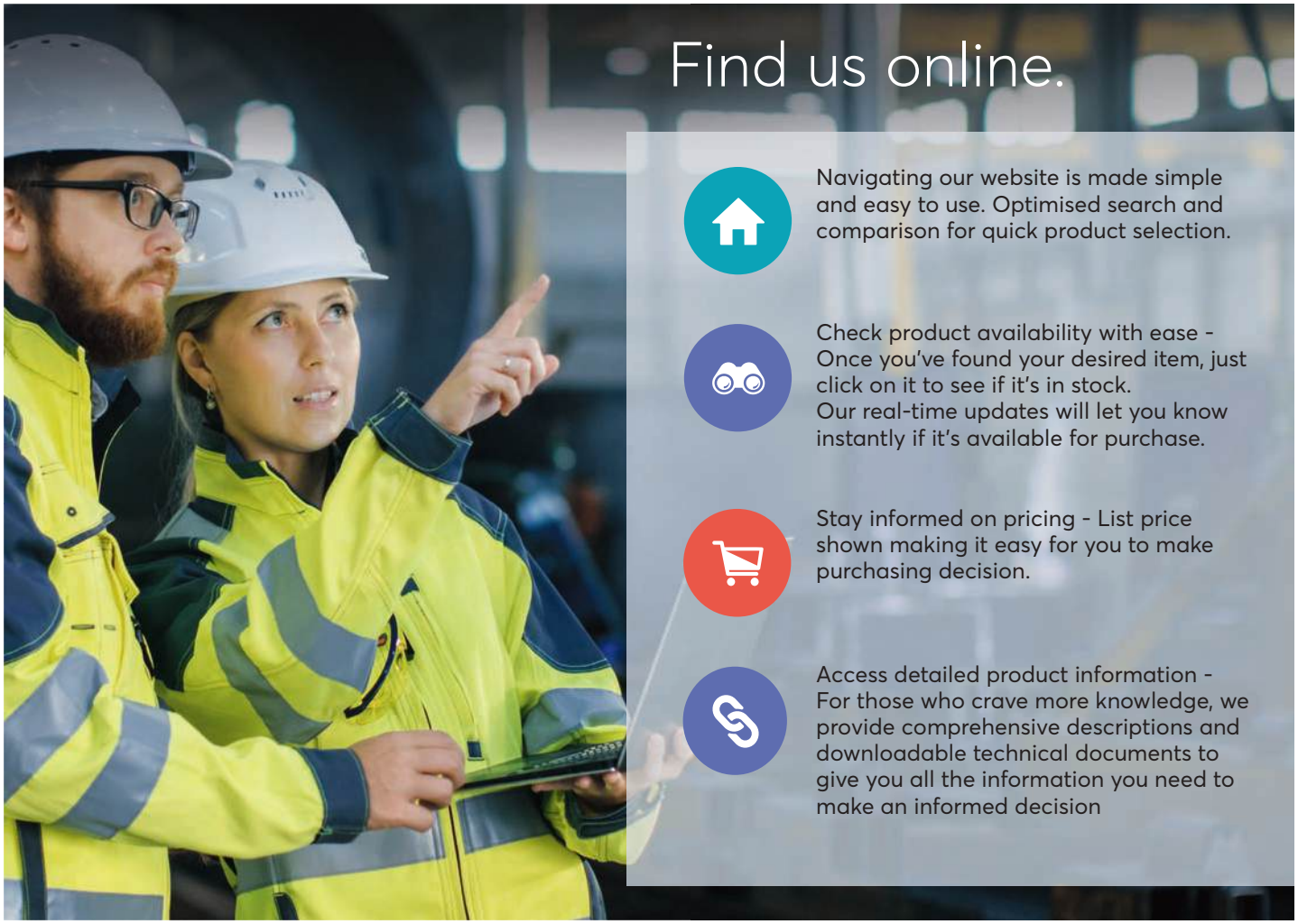
Bossing Mallets

- Manufactured from high density hardwood to deliver an optimum blow
- Pear shaped head allows you to strike with precision
- Available in a range of sizes to suit your needs
- Shapes sheet metal with minimal damage to the workpiece due to the wooden construction
- Head material: Beech
- Head shape: Pear

-2500K

-2520K

Head Dia. (mm)	Weight each	Order Code KEN-549
40 (1½")	130g	**-2500K**
50 (2")	370g	**-2520K**



Magnetic Pick-up Tool

High power magnet for easy pick-up and release of metal objects. Can be used for scrap and ferrous debris. Spring-loaded magnet release.
Permanent magnet, never needs to be re-magnetised.

Maximum lifting weight:
10lbs/4.5kg.

Working Size	Weight each	Order Code KEN-553
100mm dia.	634g	**-0160K**

Magnetic Long Reach

Long reach handle. High power magnet for easy pick-up and release of metal objects. Can be used for scrap and ferrous debris. Spring-loaded magnet release.
Permanent magnet, never needs to be re-magnetised.

Maximum lifting weight:
8lbs/3.6kg.

Working Size	Weight each	Order Code KEN-553
90mm Dia.	693g	**-0180K**

Magnet Extending Pick-up Sweeper

High power magnet for easy pick-up and release of metal objects. Can be used for scrap and ferrous debris. Permanent magnet, never needs to be re-magnetised. Lightweight. Chrome-plated and corrosion-resistant.

Maximum lifting weight:
20lbs/9.0kg.

Working Length	Weight each	Order Code KEN-553
104cm	1430g	**-0220K**

Magnetic Pick-up Wand

High power magnet for easy pick-up and release of metal objects. Can be used for scrap and ferrous debris. Permanent magnet, never needs to be re-magnetised.
Lightweight. Chrome-plated and corrosion-resistant.

Maximum lifting weight: 14lbs/6.35kg.

Working Length	Weight each	Order Code KEN-553
140mm	567g	**-0200K**

Telescopic Pick-up Tool

High power magnet, slimline contoured handle.

Extended Length (mm)	Max Lift weight	Order Code KEN-553
550 (22")	4lbs/1.8kg	-0100K

Pen Type Pick-up Tool

Pen-type with pocket clip, high power magnet.

Extended Length (mm)	Max Lift weight	Order Code KEN-553
610 (24")	4lbs/1.8kg	-0120K

Adjustable Pen-Type

Pen-type handle with pocket clip, multi-directional head.

Extended Length (mm)	Max Lift weight	Order Code KEN-553
610 (24")	1.5lbs/680g	-0140K

Flexible Pick-up Tool

Fully adjustable shaft, high power magnet.

Extended Length (mm)	Max Lift weight	Order Code KEN-553
455 (18")	1.1lbs/500g	-0130K

Claw/Magnetic Pick-up Tool with LED

Flexible spring steel stem with magnetic tip, ideal for recovery of small objects. Four retractable adjustable steel claws. Fitted with LED. Chrome plated and corrosion-resistant. Magnetic pull 1kg. Includes 3x LR44 batteries and battery protector.

Product Number	Length (mm)	Order Code KEN-553
PTM600	600	-0340K

Telescopic Magnetic Pick-up Tool with LED

Telescopic with flexible head and magnets fitted to head and base. Fitted with LED. Knurled grip. Pocket size. Belt grip. Magnetic pull 2.27kg. Includes 4x LR44 batteries and battery protector.

Product Number	Extendable Length	Order Code KEN-553
KTM583	175 - 583mm	-0360K

Magnetic Trays

For holding metal items such as nuts, bolts, washers etc.

Dish

For use in high and confined spaces with rubberised magnetic base mat to protect work surface.

Size (mm)	Weight each	Order Code KEN-553
150 dia.	375g	-0250K

Rectangular Tray

For holding larger items.

Size (mm)	Weight each	Order Code KEN-553
242 x 142	720g	-0300K

Magnetic Hold Fasts

Positive gripping pot magnets supplied with screw-down release handle. Can be used singly or in multiples for making welding or other jigs. With M8 x 1.25 thread.

Depth: 35mm.

Dia. (mm)	Magnetic Adhesion	Weight each	Order Code KEN-554
40	20kgf	590g	-1200K
50	40kgf	955g	-1240K

Magnetic Quick Clamp

For fast accurate holding.

Dimensions (W x L x T):
65 x 110 x 15mm.

Angles	Weight each	Order Code KEN-554
30°, 90° & 135°	270g	-1700K

Channel Magnet

Designed to give maximum grip within channels or slots. Able to grip non-uniform workpieces.

Dimensions L x W x H (mm)	Weight each	Order Code KEN-554
130 x 30 x 13	250g	-3500K

Power Magnets

A square horseshoe magnet. Supplied with plain fixing holes.

Kg pull (max):
25mm - 4.5, 30mm - 9.0, 40mm - 11.8.

Size (mm)	Weight each	Order Code KEN-553
25 x 40 x 20	60g	-8120K
30 x 45 x 30	120g	-8130K
40.5 x 57 x 35	180g	-8140K

Ferrite Shallow Pot Magnets

Manufactured from ceramic ferrite material. Suitable for holding machine tool accessories with M6 threads or building into jigs.

Heavy Duty L-bolt

Diameter x Width (mm)	Weight each	Order Code KEN-553
66 x 10.7	220g	-7020K
76 x 12.5	300g	-7040K
100 x 15.5	610g	-7060K

J-bolt

Size (mm)	Weight each	Order Code KEN-553
46 x 10.7	90g	-8900K
56 x 10.7	130g	-8910K
66 x 10.7	190g	-8920K

Bar Magnets

A range of one-piece cylindrical magnets with opposing poles at either end.
Permanently magnetic.

Dia. (mm)	Depth (mm)	Weight Per 100	Order Code KEN-553
6.0	20 (3/4")	0.44kg	-8050K
8.0	25 (1")	1.00kg	-8060K
10.0	30 (1 3/16")	1.90kg	-8070K

Button Magnets

A horseshoe type cylindrical magnet. Opposing poles are at the same end of the magnet separated by a slot. Supplied with a plain bore and keeper.
Permanently magnetic.

Diameter (mm)	Depth (mm)	Weight Per 100	Order Code KEN-553
12.7 (1/2")	9.5	0.87kg	-8210K
20 (3/4")	12.5	2.00kg	-8220K
25 (1")	16.0	5.60kg	-8230K
32 (1 1/4")	19.5	13.0kg	-8240K

Shallow Pot Magnets

North polarity in centre separated from opposing pole by a continuous slot. For use in areas of restricted height. Supplied with plain bore fixing hole/keeper.
Permanently magnetic.

Diameter (mm)	Depth (mm)	Weight Per 100	Order Code KEN-553
20 (3/4")	7.8	1.75kg	-8260K
28.5 (1 1/8")	8.7	4.70kg	-8270K
38 (1 1/2")	10.6	9.70kg	-8280K

Deep Pot Magnets

North polarity in centre separated from opposing pole by a continuous slot. Ideally suited for gripping applications. Supplied with M5 x 1 threaded bore fixing hole and keeper. *M3 x 0.5

Diameter (mm)	Depth (mm)	Weight Per 100	Order Code KEN-553
9.5 (3/8")*	15.1	2.00kg	-8290K
17.5 (11/16")	16.0	2.70kg	-8310K
20 (3/4")	18.0	4.50kg	-8320K
27 (1 1/16")	25.4	9.80kg	-8330K
35 (1 3/8")	30.0	28.9kg	-8340K

Set
2 each: 12.7mm button.
1 each: 17.5mm deep button, 20mm button and 20mm pot.

5 PIECES

Weight each	Order Code KEN-553
90g	-9000K

Quick-Set Torque Drivers

- Micrometer style adjustment allows easy accurate setting
- Slipping action at pre-set torque eliminates over-tightening
- The adjustment ring automatically disengages when the tool is in use to prevent accidental adjustment
- Stainless steel shafts with1/4in. hexagon drive and supplied with sliding 'T' bar
- Anodised aluminium handles are comfortable and durable
- Manufactured to ISO 6789-2:2017

Product Number	Torque Range Nm	Torque Range lbf.in	Weight each	Order Code KEN-555
QS50IH	-	5-50	335g	**-5500K**
QS6MH	1-6	-	335g	**-5600K**

Torque Limiting Screwdrivers

L" A/F female hexagon socket which will accept screwdriver bits. Can be converted to a male end by using the appropriate adaptor. Can be pre-set to any torque value within range by using a Torque Calibration Analyser. Can be fitted with 'impact-free resetting' option.
Manufactured to **ISO 6789 : 2003. (Repeatability at ±6% of set torque).**

LS135H

LS406H

Product Number	Torque Range cNm	Torque Range lbf.in	Weight each	Order Code KEN-555
LS135H	2-135	12	200g	**-5700K**
LS406H	6-406	36	300g	**-5800K**

Quick-Set Torque Drivers

NEW

Micrometer style adjustment allows easy accurate setting. Slipping action at pre-set torque eliminates overtightening. The adjustment ring automatically disengages when the tool is in use to prevent accidental adjustment. Stainless steel shafts. Anodised aluminium handles. Suitable for electrical, electronics and instrument assembly works.
Manufactured to ISO 6789 : 2003.
(Accuracy ±6% of reading).

Minor Type

Product Number	Torque Range cNm	Weight each	Order Code KEN-555
QS1.2MH	20-120	165g	**-5010K**

Preset Torque Screwdriver

Eliminates under and over tightening due to the slipping technology to ensure accurate process control.
Dual formed ergonomic hand grip and smooth tool reset action.

-8600K

Torque Range (Nm)	Length (mm)	Order Code KEN-555
0.2-1.5	138	**-8600K**
0.5-1.5	138	**-8620K**
0.2-1.5	132	**-8680K**
0.5-4.5	140	**-8720K**
2.5-13.5	140	**-8760K**

QTorq Calibrated Slipper Wrenches

Featuring micrometer style, fine adjustment with positive locking system and clearly audible click when reaching the set torque.

Aircraft specification stainless steel heads
Aluminium handles
Micrometer type sleeve allows torque values to be accurately set
Automatic resetting with audible click when the wrench slips

Drive type: square
Drive size: ¼"
Repeatable accuracy: +/- 6%
Length: 195mm

Drive Size	Torque Range Nm	Torque Range Increment	Weight each	Order Code KEN-555
¼"	1-5	0.05Nm	235g	**-7052K**
¼"	2-10	0.1Nm	235g	**-7102K**

Production Slipper Torque Wrenches

Wrench 'slips' when predetermined torque setting is reached, completely eliminating overtightening. Fitted with Mechanical Torque Adjustment Locking Device. Accurate repeatability guarantees equal tightness every time. Incorporates a specially designed multi-lobed cam which automatically resets the wrench after a small movement of the handle, allowing quick progress to the next operation. Incorporates a fully supported ratchet giving smooth, positive torque control, even in confined spaces. Lightweight for less operator fatigue. Manufactured to **ISO 6789 : 2003.**
(Repeatability at ±4% of reading).

Product Number	Torque Range Nm	Length lbf/ft	Ratchet (mm)	Size	Order Code **KEN-555**
SPW25	3-25	2-18	216	3/8"	**-4050K**
SPW55	15-55	10-40	325	3/8"	**-4070K**
TPW25	3-25	2-18	216	1/4"	**-4100K**

Mechanical Torque Adjustment Lock
- Easy-to-use locking device for the torque adjusting screws.
- Positive, mechanical locking system.
- Does not rely on friction to arrest movement.
- Operated using a single adjusting key.

Dial Indicating Torque Wrenches

Ideal for use in inspection and quality control, research and development, production and after sales service. Lightweight aluminium handles, abrasive resistant bodies for longer life and easy read dual scale for observing the amount of torque applied throughout the tightening process. Socket not included.
Manufactured to **ISO 6789 : 2003.**
(Accuracy ±4% of reading).

1/4 Square Drive
Not suitable for use with extensions.

Product Number	Torque Range Nm	Torque Range Inch	Weight each	Order Code **KEN-555**
TW4	0.8-4.0	7-35 lbf.in	520g	**-1040K**
TW12	2.4-12	24-120 lbf.in	520g	**-1120K**

1/2 Square Drive

Product Number	Torque Range Nm	Torque Range lbf.ft	Weight each	Order Code **KEN-555**
MW80	16-80	12-60	1.35kg	**-2080K**
MW200	40-200	30-160	1.40kg	**-2200K**

3/8 Square Drive
(not illustrated)

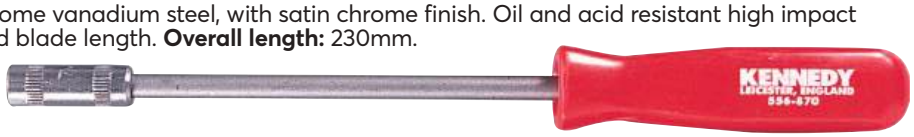
Product Number	Torque Range Nm	Torque Range Inch	Weight each	Order Code **KEN-555**
SW25	5-25	48-240 lbf.in	520g	**-1250K**
SW40	8-40	72-360 lbf.in	520g	**-1400K**

3/4 Square Drive
With built-in audio/visual signal.

Product Number	Torque Range Nm	Torque Range lbf.ft	Weight each	Order Code **KEN-555**
LW800	160-800	120-660	4.85kg	**-3800K**

Nut Spinners

Manufactured from hardened and tempered chrome vanadium steel, with satin chrome finish. Oil and acid resistant high impact plastic handles. 6" (150mm) combined socket and blade length. **Overall length:** 230mm.



Type	Hexagon AF	Weight each	Order Code **KEN-556**
	5.0mm	80g	**-7500K**
	5.5mm	80g	**-7550K**
Metric	6.0mm	80g	**-7600K**
	7.0mm	90g	**-7700K**
	8.0mm	90g	**-7800K**
	9.0mm	100g	**-7900K**
	10.0mm	110g	**-8100K**

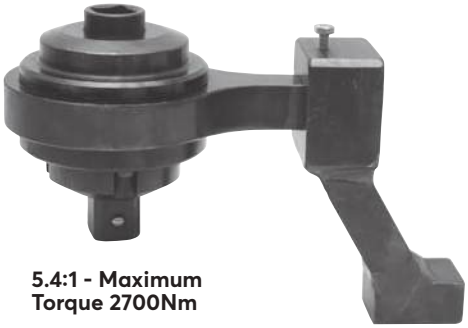
Sets

No. of Pieces	Contents	Weight each	Order Code **KEN-556**
9	4, 4.5, 5, 5.5, 6, 7, 8, 9 & 10mm	720g	**-9620K**

KENNEDY QUALITY INDUSTRIAL TOOLING Torque Multipliers

Ideal for applications where no electrical or air supply is available. Enables precision tightening of threaded fasteners. Aids the loosening of nuts that are corroded or seized. Accurate to within ±4%, taking the uncertainty out of high torque tightening.
TN14: Input: ½" sq. drive. **Output:** ¾" sq. drive.
TN27: Input: ¾" sq. drive. **Output:** 1" sq. drive.

6:1 - Maximum Torque 1680Nm



5.4:1 - Maximum Torque 2700Nm

Product Number	Maximum Torque	Order Code KEN-557
TN14	1500Nm	**-3620K**
TN27	2700Nm	**-3630K**

Torque Range	Order Code KEN-555
280 - 1680Nm	**-4520K**

KENNEDY QUALITY INDUSTRIAL TOOLING Presetable Torque Breaking Handle - Spigot Type

Handle 'breaks' at an angle of 20° and features a unique patented single direction mechanism, ensuring long tool life and repeatable accuracy. Fitted with the new mechanical torque adjustment locking device. Automatically resets when force is released and returns to the in-line position.

Overall length: 265mm.
Manufactured to **ISO 6789 : 2003. (Repeatability at ±4% of reading tools above 10Nm and ±6% for tools less than 10Nm).**

Compatible the Norbar® 16mm Spigot End fittings.

16

Mechanical Torque Adjustment Locking Device
- Easy-to-use locking device for the torque adjusting screws.
- Does not rely on friction to arrest movement.
- Operated using a single adjusting key.

Product Number	Torque Range Nm	Torque Range lbf.in	Spigot Size	Weight each	Order Code KEN-555
BH25	5.0-25	44-221	16mm	415g	**-5900K**

SENATOR QUALITY TOOLING Square Drive Torque Wrench

Reversible ratchet head. 'Click + Snap' action indicates when the pre-set torque level has been reached. Engraved kgf.m and Nm scale on barrel. Micrometer type sleeve allows preset torque values to be accurately set. Manufactured to **ISO 6789-2:2017.**

¼ ⅜ ½

Overall Length	Sq. Drive	Torque Range Nm	Torque Range kgf.m	Order Code SEN-557
280mm*	¼"	5-25	0.5-2.5	**-0300K**
365mm	⅜"	19-110	1.9-11.2	**-0400K**
440mm	½"	42-210	4.2-21.4	**-0500K**

KENNEDY QUALITY INDUSTRIAL TOOLING Adjustable Torque Wrenches

High quality chrome-plated, polished steel head and retractable torque setting lever. 'Click and Snap' action indicates when the pre-set torque level has been reached. Four easy read scales Nm, kgf.m, lbf.in x10, lbf.ft. Push through square drive connector to instantly reverse action. Knurled grip plastic handle. Complete with factory tested calibration certificate, operating instructions and torque conversion chart. Supplied in a cardboard case.
Manufactured to **ISO 6789 : 2003 (BS EN 26789 : 2003)**.
Accuracy = ±4%.

With Factory Tested Calibration Certificate

Model Number	Square Drive	Torque Range Nm	Length (mm)	Order Code **KEN-557**
MTW011	3/8"	2.5 - 11	300	**-3500K**
MTW033	3/8"	7 - 33	410	**-3521L**
MTW068	3/8"	14 - 68	480	**-3541L**
MTW135	1/2"	25 - 135	560	**-3560K**
MTW225	1/2"	50 - 225	610	**-3580K**
MTW330	1/2"	70 - 330	780	**-3600K**
MTW810	3/4"	200 - 800	940	**-3610K**

KENNEDY QUALITY INDUSTRIAL TOOLING Angular Torque Gauge

The gauge has an easy to read 360° scale in 2°, 10° and 30° increments and has an Indicator etched into the clear plastic. An adjustable arm to keep the angled scale stationary, with a long and short side for flexibility in positioning against components.

Product Number	Capacity Nm	Weight each	Order Code **KEN-557**
TGA360	0 - 360	180g	**-0150K**

TRI TORQ Adjustable Torque Wrench

Manufactured from high quality satin finish steel with a polished steel head. Supplied with a fully traceable calibration certificate and storage case. The desired torque value can be set, and is displayed in windows on the handle.
Manufactured to **ISO 6789-2:2017.**

Supplied in Robust Storage Case

With Factory Tested Calibration Certificate

Model Number	Sq. Drive	Torque Range Nm	Torque Range lbf.ft	Weight each	Order Code **TRQ-557**
FXL5	1/4"	1-5	0.7-3	0.40kg	**-5740K**
FXL32	1/4"	6-30	4-22	0.40kg	**-5760K**
FXL33	3/8"	6-30	4-22	0.40kg	**-5850K**
FXL63	3/8"	12-60	7-44	1.30kg	**-5870K**
FXL100	3/8"	20-100	15-75	1.38kg	**-5900K**
FXL200	1/2"	40-200	30-150	2.36kg	**-6900K**

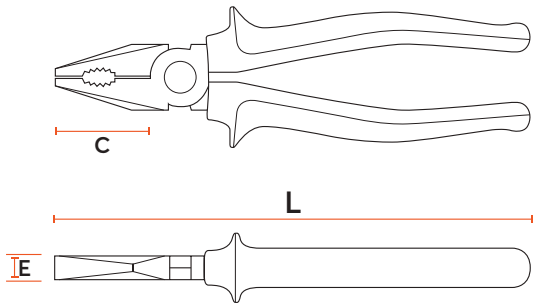
From start to finish

Your No. 1 choice for abrasive supplies

A comprehensive range of abrasive products – all backed with expert knowledge and support.

Visit our website to find out more

Keeping Industry Working™



C - Jaw Length
E - Jaw Width
L - Overall Length

KENNEDY QUALITY INDUSTRIAL TOOLING — Universal Type Combination Pliers with Single Cutter

Chrome vanadium steel, bonded vinyl-coated handle. Double polished head and joint. Induction hardened cutting edges. Also with side cutter and serrated gripping and crimping jaws behind the head.

Overall Length	Jaw Length	Jaw Width	Order Code KEN-558
155mm	31mm	24mm	-3520K
176mm	37mm	26mm	-3530K
208mm	42mm	30mm	-3540K

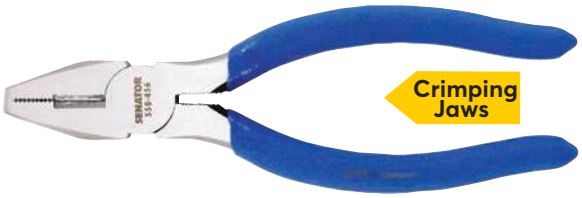
KENNEDY QUALITY INDUSTRIAL TOOLING — Universal Type Combination Pliers with Joint Cutter

Chrome vanadium steel, bonded vinyl coated handle. Double polished head and joint. Induction hardened cutting edges. Also with side cutter, serrated gripping and crimping jaws behind the head and joint cutter for heavy duty wire cutting.

Overall Length	Jaw Length	Jaw Width	Order Code KEN-558
178mm	37mm	26mm	-3460K

SENATOR QUALITY TOOLING — Heavy Duty Lineman's Pliers

Heavy duty standard manufactured from chrome vanadium steel with a satin finish. Serrated jaws for gripping nuts, bolts, studs etc. Side cutting for wire up to 1.6mm diameter. Also with serrated gripping and crimping jaws behind the head.



Overall Length	Jaw Length	Jaw Width	Order Code SEN-558
160mm	29mm	23mm	-4560K
185mm	32mm	26mm	-4570K
200mm	31mm	28mm	-4580K

KENNEDY PROFESSIONAL — Pro-Torq Insulated Combination Pliers

Manufactured from specially selected steels. The dual material grip handle design allows the user to apply the greatest force with the minimum amount of effort. Manufactured with a polypropylene core for strength and durability with a soft thermoplastic outer for non-slip comfort grip.
Double polished head and joint.
For gripping nuts.

VDC/IEC 900
DIN EN 60900

1000VAC

Overall Length	Jaw Length	Jaw Width	Order Code KEN-558
160mm	36mm	26mm	-5140K
180mm	39mm	26mm	-5160K
200mm	42mm	29mm	-5180K

KENNEDY QUALITY INDUSTRIAL TOOLING — Pro-Torq Combination Pliers

- Induction hardened cutting edges for gripping with precision and strength
- Dual material handle for expert non-slip grip and comfort, to provide maximum force with minimal effort
- Serrated jaws for secure hold of nuts
- Double polished head for longevity of product and hardiness
- Available in a variety of sizes to suit personal needs

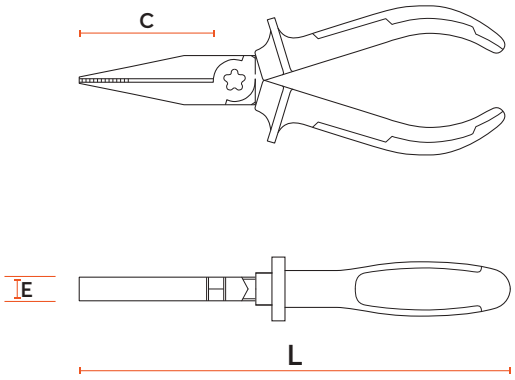
Overall Length	Jaw Length	Jaw Width	Order Code KEN-558
168mm	35mm	25mm	-2050K
180mm	39mm	27mm	-2030K
202mm	42mm	30mm	-2040K

YAMOTO INDUSTRIAL PLIERS — Combination Pliers

Industrial quality chrome vanadium steel, chemically blacked. Particularly useful for engineers and electricians.
Serrated jaws for gripping nuts, bolts, studs etc.

Overall Length	Jaw Length	Jaw Width	Order Code YMT-558
160mm	35mm	25mm	-4352K
195mm	42mm	29mm	-4358K
185mm	39mm	28mm	-4351K

LONG NOSE PLIERS



C - Jaw Length
E - Jaw Width
L - Overall Length

KENNEDY PROFESSIONAL Pro-Torq Insulated Long Nose Pliers

Manufactured from specially selected steels. The dual material grip handle design allows the user to apply the greatest force with the minimum amount of effort. Manufactured with a polypropylene core for strength and durability with a soft thermoplastic outer for non-slip comfort grip. Especially suitable for production line environments where repetitive work is undertaken. Double polished head and joint. Induction hardened cutting edges with serrated jaws for gripping nuts.

VDE/IEC 900
DIN EN 60900

1000VAC

Overall Length	Jaw Length	Order Code KEN-558
160mm	60mm	**-5020K**
205mm	85mm	**-5040K**

SENATOR QUALITY TOOLING Heavy Duty Long Nose Pliers with Cutter

Heavy duty standard manufactured from chrome vanadium with satin finish. Built-in serrated section behind head for gripping. Hard wearing with PVC safety handles and side cutter.

Overall Length	Jaw Length	Jaw Width	Order Code SEN-558
125mm	45mm	12mm	**-4200K**
150mm	60mm	18mm	**-4210K**
200mm	80mm	22mm	**-4230K**

YAMOTO INDUSTRIAL PLIERS Long Nose Pliers

Industrial quality chrome vanadium steel, chemically blacked. Ideal for terminal loupe forming, wire manipulation and shape forming in confined spaces. Round jaw finish with smooth action single joints and hardened cutting edges. Laser etched markings. Bi-material grips.

Overall Length	Jaw Length	Jaw Width	Order Code YMT-558
135mm	45mm	45mm	**-4356K**
170mm	60mm	18mm	**-4353K**
190mm	80mm	18mm	**-4357K**
200mm	90mm	18mm	**-4359K**

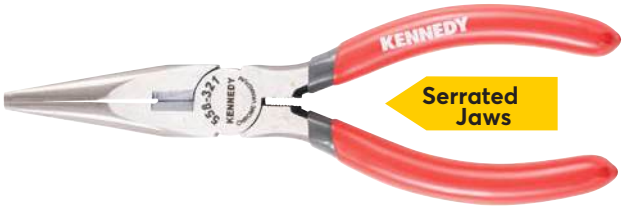
KENNEDY PROFESSIONAL Pro-Torq Snipe Nose Pliers

- Double polished head and joint
- Induction hardened cutting edges
- Dual material grip handle with slip guard

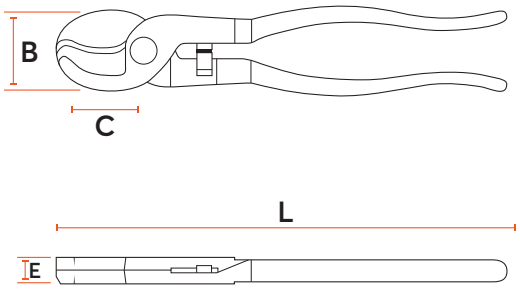
Overall Length	Jaw Length	Order Code KEN-558
165mm	60mm	**-2060K**
215mm	85mm	**-2070K**

KENNEDY QUALITY INDUSTRIAL TOOLING Long Nose Pliers with Cutter

Chrome vanadium steel, with bonded vinyl coated handle. Double polished head and joint with induction hardened cutting edges. Also with side cutter and serrated gripping and crimping jaws behind the head.



Overall Length	Jaw Length	Jaw Width	Order Code KEN-558
140mm	55mm	13mm	**-3200K**
160mm	60mm	20mm	**-3210K**
200mm	40mm	24mm	**-3230K**



B - Jaw Opening
C - Jaw Length
E - Jaw Width
L - Overall Length

Ratchet Type Cable Cutters

These cable cutters have heat treated cutting edges and are designed to cut copper/aluminium cables with minimal distortion. The soft grip handles are designed for user comfort whilst exerting force.

Overall Length	Jaw Length	Jaw Width	Jaw Opening	Order Code KEN-558
335mm	55mm	110mm	32mm	**-9500K**
335mm	75mm	110mm	38mm	**-9510K**

Ratcheting Cable Cutter

Manufactured from high tensile steel. For cutting copper, aluminium and multiple strand cable. Fully hardened cutting edges produce burr-free cuts. Compound lever action for maximum efficiency and moulded cushion grips for user comfort.

Overall Length	Jaw Length	Jaw Width	Jaw Opening	Order Code KEN-558
240mm	75mm	85mm	32mm	**-8200K**

Pro-Torq End Cutting Nippers

Manufactured from specially selected steels. The dual material grip handle design allows the user to apply the greatest force with the minimum amount of effort. Manufactured with a polypropylene core for strength and durability with a soft thermoplastic outer for non-slip comfort grip. Double polished head and joint. Induction hardened cutting edges. Used for twisting and cutting wire in the constructionindustry.

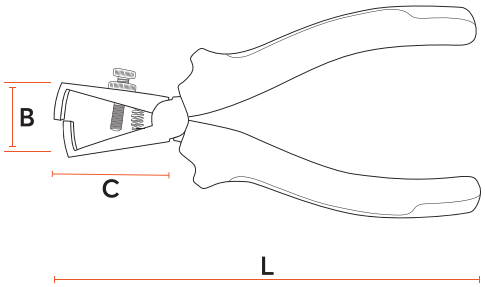
Overall Length	Jaw Length	Jaw Width	Jaw Opening	Order Code KEN-558
160mm	26mm	31mm	12mm	**-4860K**
200mm	28mm	33mm	14mm	**-4880K**

End Cutting Nippers

Bonded vinyl-coated handle, double polished head and joint with induction hardened cutting edges. The robust construction makes these ideal for twisting and cutting wire in the construction industry.

Overall Length	Jaw Length	Jaw Width	Jaw Opening	Order Code KEN-558
160mm	29mm	25mm	10mm	**-3620K**

WIRE STRIPPERS/CABLE CUTTERS



B - Jaw Depth
C - Jaw Length
L - Overall Length

KENNEDY QUALITY INDUSTRIAL TOOLING Pro-Torq Insulated End Wire Strippers

Especially suitable for production line environments where repetitive work is undertaken. Double polished head and joint with induction hardened cutting edges.

VDE/IEC 900
DIN EN 60900

1000VAC

Overall Length	Jaw Length	Jaw Depth	Wire Size	Order Code KEN-558
160mm	38.5mm	16.6mm	6mm	-5200K

KENNEDY QUALITY INDUSTRIAL TOOLING Heavy Duty Wire Strippers

Multi-purpose tool with alloy steel jaws suitable for stripping, cutting and crimping all types of wire.
Automatic wire stripper.

Crimps: non-insulated terminals
1.5, 2.5 and 4 - 6mm 12 - 10, 22 - 18 and 16 - 14 AWG).
Crimps: insulated terminals 1.5, 2.5 and 6mm (10 - 22 AWG).
Capacity: 0.13 - 6.0mm².

Overall Length	Jaw Length	Jaw Depth	Wire Size	Order Code KEN-558
205mm	25mm	45mm	13mm	-3600K

KENNEDY QUALITY INDUSTRIAL TOOLING Heavy Duty Cable Cutters

For use when cutting aluminium and copper cable, using a slicing action. Manufactured from forged steel with PVC dipped handles.
Capacity: 60mm².

Overall Length	Jaw Length	Jaw Width	Jaw Opening	Order Code KEN-558
236mm	35mm	42mm	39.8mm	-8220K

KENNEDY QUALITY INDUSTRIAL TOOLING Light Duty Cable Cutters

For cutting copper cable, plastic pipe, wooden dowels, rope cord and similar materials up to 10mm diameter. Precision ground and hardened stainless steel blades - 50~54HRC.
Lightweight polypropylene handles with spring loaded action, easy reach thumb catch convenient for right and left hand users.

Overall length: 165mm (6½").
Cutting capacity: 10mm (⅜").

Overall Length	Jaw Length	Jaw Opening	Order Code KEN-558
165mm	10mm	10mm	-5640K

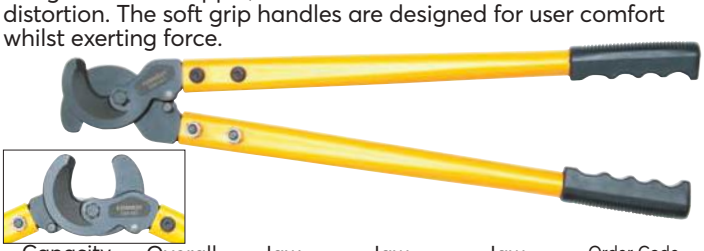
KENNEDY QUALITY INDUSTRIAL TOOLING 7" Wire Rope Cutters

Contoured steel handles with vinyl grip for improved comfort and control. Heavy duty blades manufactured from tempered and hardened high carbon steel with polished finish. Spring-loaded cutting action for easy one-handed operation with safety lock to keep jaws closed when not in use.
Wire rope capacity: 4.8mm,
Spring wire: 1.5mm.

Overall Length	Jaw Length	Jaw Width	Jaw Opening	Order Code KEN-558
190mm	8mm	24mm	5mm	-5700K

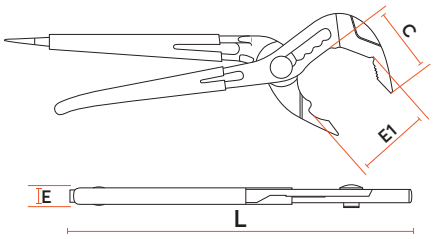
KENNEDY QUALITY INDUSTRIAL TOOLING Lever Type Cable Cutter

These cable cutters have heat-treated cutting edges and are designed to cut copper/ aluminium cables with minimal distortion. The soft grip handles are designed for user comfort whilst exerting force.



Capacity (mm)	Overall Length	Jaw Length	Jaw Width	Jaw Depth	Order Code KEN-558
18mm	380mm	72mm	50mm	20mm	-9400K
25mm	550mm	150mm	77mm	40mm	-9410K
40mm	820mm	150mm	115mm	57mm	-9420K

WATER PUMP PLIERS/SLIP JOINT PLIERS



C - Jaw Length
E - Jaw Width
E1 - Jaw Opening
L - Overall Length

KENNEDY PROFESSIONAL Pro-Torq Groove Joint Waterpump Pliers

Non-slip dual material hand grip. Serrated jaws. Joint protector stops the handles trapping fingers.

Overall length: 265mm (10 ½").

Overall Length	Jaw Length	Jaw Opening	Order Code KEN-558
265mm	30mm	40mm	**-2140K**

SENATOR QUALITY TOOLING Engineer's Pliers - Slip Joint

Chrome vanadium with a chrome finish and textured grip dipped handles. With serrated parallel jaws. Dual position joint.

Overall Length	Jaw Length	Jaw Width	Jaw Opening	Order Code SEN-558
150mm	24mm	4mm	27mm	**-4630K**
200mm	25mm	5mm	30mm	**-4640K**
255mm	31mm	5mm	33mm	**-4650K**

SENATOR QUALITY TOOLING Groove Joint Waterpump Pliers

Manufactured from chrome vanadium steel with a satin finish. Textured grip handles for improved comfort and control. Groove joint for quick adjustment with serrated jaws for extra grip.

Overall Length	Jaw Length	Jaw Width	Jaw Opening	Order Code SEN-558
200mm	24mm	22mm	37mm	**-4670K**
255mm	32mm	31mm	31mm	**-4680K**
300mm	31mm	29mm	43mm	**-4700K**
420mm	60mm	59mm	81mm	**-4710K**

YAMOTO INDUSTRIAL PLIERS 10in. Waterpump Pliers

- Manufactured from industrial quality chrome vanadium steel for durability
- Chemically blackened for bolstered resilience
- Sliding pivot to control the jaw opening
- Bonded anti-slip vinyl grips for superior handling and comfort

Overall Length mm	Insulated	Individual or Set	Order Code YMT-558
250	No	Individual	**-4361K**

KENNEDY QUALITY INDUSTRIAL TOOLING Spring-Loaded Soft Touch Slip Joint Water Pump Pliers

Hardened and tempered chrome vanadium steel, corrosion-resistant chemically blacked finish. Vinyl grips. Replaceable soft grip plastic inserts.

Overall Length	Jaw Length	Jaw Width	Jaw Opening	Order Code KEN-558
250mm	37mm	11mm	40mm	**-8920K**
Soft Jaws To Suit Above				**-8930K**

KENNEDY QUALITY INDUSTRIAL TOOLING Plastic Pipe Gripping Pliers

4-position adjustable slip joint. Serrated gripping jaws with removable plastic jaw covers. Chrome vanadium electric steel.

Overall Length	Jaw Length	Jaw Width	Jaw Opening	Order Code KEN-558
230mm	42mm	17mm	66mm	**-4100K**

KENNEDY QUALITY INDUSTRIAL TOOLING Box Joint Waterpump Pliers

The slip joint head design prevents the pliers from twisting when pressure is applied.
- Sliding pivot joint for a wide range of jaw opening
- Joint protector stops the handles trapping fingers
- Satin finish

Overall length: 255mm (10").

Overall Length	Jaw Length	Jaw Opening	Order Code KEN-558
255mm	35mm	35mm	**-2130K**

KENNEDY QUALITY INDUSTRIAL TOOLING Groove Joint Waterpump Pliers

Hardened chromed steel jaws. Sliding pivot joint allows the widest range of jaw openings. The handles cannot be closed together, preventing trapped fingers.

Overall Length	Jaw Length	Jaw Opening	Order Code KEN-558
190mm	25mm	30mm	**-3670K**
225mm	30mm	40mm	**-3680K**
320mm	37mm	48mm	**-3700K**
405mm	58mm	83mm	**-3710K**

SENATOR QUALITY TOOLING Box Joint Waterpump Pliers

Chrome vanadium steel with bonded vinyl-coated handles.

Overall Length	Order Code SEN-558
255mm	**-4660K**

MINIATURE PLIERS

Nose Types

Side View	End View	Head
Flat Nose		
Bent Nose		
Long Nose		
Needle Nose		

Side View	End View	Head
Diagonal Cutters		
End Cutters		
Round Nose		
Pointed Bent Nose		

Side View	End View	Head
Pointed Nose		
Oblique Cutters		
Micro Diagonal Cutters		

KENNEDY PROFESSIONAL Pro-Torq Miniature Pliers

Dual material grip handle. High quality chrome nickel steel with induction ground cutting edges. For delicate, fine and accurate work.

Type	Overall Length	Order Code KEN-558
Flat Nose	130mm (5¼")	-1210K
Long Nose	130mm (5¼")	-1240K
Needle Nose	150mm (6")	-1220K
Diagonal Cutters	110mm (4¼")	-1250K
End Cutters	110mm (4¼")	-1260K

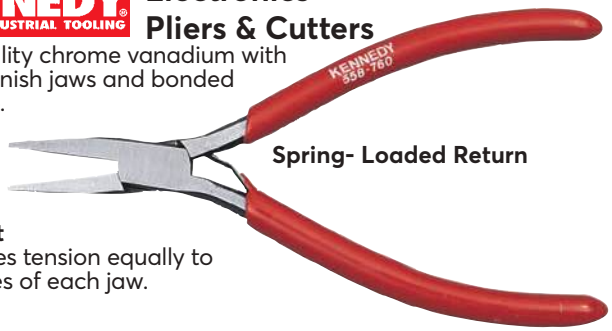
KENNEDY QUALITY INDUSTRIAL TOOLING Pro-Torq Miniature ESD Pliers & Cutters

Dissipative handles safely discharge any electrostatic energy, dual material grip handle with a polypropylene core and soft thermoplastic outer for non-slip comfort grip.

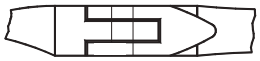
Type	Overall Length	Order Code KEN-558
Flat Nose	130mm (5¼")	-9120K
Bent Nose	140mm (5½")	-9160K
Long Nose	130mm (5¼")	-9130K
Micro Diagonal Cutters	110mm (4¼")	-9060K
Diagonal Cutters	115mm (4½")	-9080K

KENNEDY QUALITY INDUSTRIAL TOOLING Electronics Pliers & Cutters

High quality chrome vanadium with ground finish jaws and bonded vinyl grip.



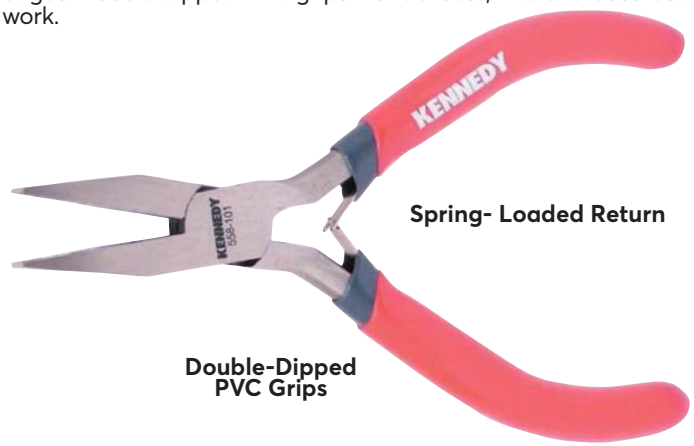
Box Joint
Distributes tension equally to both sides of each jaw.



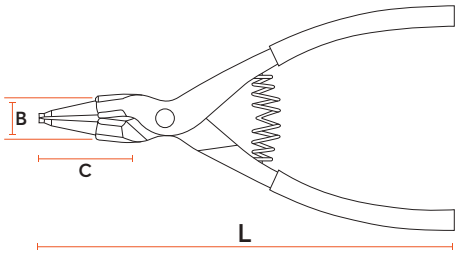
Type	Overall Length	Order Code KEN-558
Flat Nose	120mm (4⅝")	-7600K
Round Nose	120mm (4⅝")	-7610K
Pointed Bent Nose	120mm (4⅝")	-7620K
Pointed Nose - Box Joint	120mm (4⅝")	-7630K
Diagonal Cutters	120mm (4⅝")	-7640K
End Cutters	120mm (4⅝")	-7650K
Oblique Cutters	120mm (4⅝")	-7660K

KENNEDY QUALITY INDUSTRIAL TOOLING Miniature Pliers

High quality chrome nickel steel with induction ground cutting edges. Double dipped PVC grips. For delicate, fine and accurate work.



Type	Overall Length	Order Code KEN-558
Bent Nose	120mm (4⅝")	-7430K
Flat Nose	130mm (5¼")	-7440K
Needle Nose	130mm (6")	-7450K
Diagonal Cutters	110mm (4¼")	-7410K
End Cutters	110mm (4¼")	-7420K
Needle Nose	150mm (4¼")	-7460K



C - Jaw Length
B - Circlip Capacity
L - Overall Length

KENNEDY QUALITY INDUSTRIAL TOOLING Pro-Torq Sprung Circlip Pliers

Manufactured from specially selected steels. Dual material grip handle with polypropylene core and soft thermoplastic outer. Double polished head and joint. Induction hardened cutting edges.

Internal - Straight Jaw

Overall Length	Jaw Length	Circlip Capacity	Order Code KEN-558
137mm	32mm	10-25mm	-6050K
175mm	52mm	12-65mm	-6070K

External - Straight Jaw

Overall Length	Jaw Length	Circlip Capacity	Order Code KEN-558
137mm	30.5mm	10-25mm	-6060K
175mm	49mm	12-40mm	-6080K

KENNEDY QUALITY INDUSTRIAL TOOLING Heavy Duty Snap Ring Pliers

Ratcheting
Heat-treated steel circlip pliers
Replaceable tips and spring ratchet locking mechanism. Black powder coated. Galvanised tips and lock lever. Insulated lever handle.

Type	Jaw Length	Circlip Capacity	Order Code KEN-558
Internal	24-67mm	165 - 300mm	-6700K
Straight	33-74mm	165 - 300mm	-6710K
External	24-67mm	165 - 300mm	-6720K
Straight	33-74mm	165 - 300mm	-6730K

Spare Jaws	To suit	Order Code KEN-567
Straight	165 - 300mm	-3820K
Angled	165 - 300mm	-3840K

KENNEDY QUALITY INDUSTRIAL TOOLING European Pattern Circlip Pliers

Chrome vanadium hardened and tempered. PVC cushion grip handles. Coil sprung to aid operation.

External - Straight Jaw

Overall Length	Jaw Length	Circlip Capacity	Order Code KEN-558
125mm	34mm	10-25mm	-6520K
175mm	41mm	12-40mm	-6570K
230mm	48mm	32-80mm	-6620K

External - 90° Angled Jaw

Type	Overall Length	Jaw Length	Circlip Capacity	Order Code KEN-558
Bent	125mm	17mm	10-25mm	-6530K
Straight	175mm	28.5mm	12-40mm	-6580K
Bent	230mm	33.5mm	32-80mm	-6630K

Internal - Straight Jaw

Overall Length	Jaw Length	Circlip Capacity	Order Code KEN-558
125mm	25mm	10-25mm	-6500K
175mm	38.5mm	12-65mm	-6550K
230mm	48mm	32-80mm	-6600K

Internal - 90° Angled Jaw

Overall Length	Jaw Length	Circlip Capacity	Order Code KEN-558
125mm	16mm	10-25mm	-6510K
175mm	26mm	12-65mm	-6560K
230mm	34mm	32-80mm	-6610K

KENNEDY QUALITY INDUSTRIAL TOOLING Reversible Circlip Pliers

Reversible for both internal and external circlip insertion and removal, high grade carbon steel vinyl handles.

Straight Jaw

Overall Length	Jaw Length	Circlip Capacity	Order Code KEN-558
150mm	15mm	10-18mm	-5870K
150mm	18mm	12-25mm	-5890K
210mm	20mm	18-48mm	-5910K

KENNEDY QUALITY INDUSTRIAL TOOLING Circlip Pliers

Long Handled

Industrial quality chrome vanadium hardened and tempered. PVC cushion grip handles. Coil sprung to aid operation.

Type	Overall Length	Jaw Length	Circlip Capacity	Order Code KEN-558
Internal Straight	310mm	62mm	85-165mm	-6650K
Internal Bent	310mm	46.3mm	85-165mm	-6660K
External Straight	310mm	64mm	85-165mm	-6670K
External Bent	310mm	47mm	85-165mm	-6680K

KENNEDY QUALITY INDUSTRIAL TOOLING Fencing Tool

Chrome vanadium steel, with heavy duty handle with slip guard. Double polished head and joint. Induction hardened cutting edges. Also with serrated gripping and crimping jaws behind the head.

Overall Length	Order Code KEN-558
270mm	-3720K

KENNEDY QUALITY INDUSTRIAL TOOLING Wire Twisting Pliers

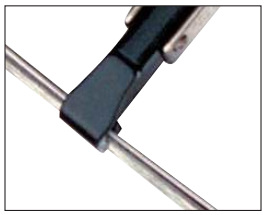
Manufactured from chrome vanadium steel with ground and polished head. Cross knurled jaws with wire cutter. Used for safety-wiring critical fasteners and electrical connectors.

Overall Length	Order Code KEN-558
200mm	-3900K
255mm	-3920K

KENNEDY QUALITY INDUSTRIAL TOOLING Axial Grip Wrenches

For auto body repair and steel fabrication. Chrome steel body with narrow profile jaws for confined areas. Straight line jaw motion allows clamping through holes. Push button release for one-handed clamp releasing. No provisional (or track) welding required to hold auto body parts for assembly.

Lap Joint Clamp - L-Type
Clamps two lap joints.
Jaw width: 18mm.



Overall Length	Jaw Capacity	Order Code KEN-558
195mm	0-18mm	-9200K

KENNEDY QUALITY INDUSTRIAL TOOLING Revolving Punch Pliers

Heavy Duty
Suitable for producing 2, 2.5, 3, 3.5, 4 and 4.5mm holes in a wide range of materials including card, PVC, etc. Hardened steel body with durable epoxy coating. The six revolving punches cutting edges are induction hardened. Compound lever action, requires 70% less force. Moulded contour grips with slip guards.

Overall Length	Weight each	Order Code KEN-558
270mm (10½")	430g	-3800K

KENNEDY QUALITY INDUSTRIAL TOOLING Revolving Punch Pliers

Standard Duty
For producing 2, 2.5, 3, 3.5, 4 and 4.5mm holes in a wide range of materials including card, PVC etc. Hardened steel body with durable epoxy coating. Six revolving punches cutting edges are induction hardened. Moulded contour grips.

Overall Length	Weight each	Order Code KEN-558
250mm (10")	310g	-3780K

KENNEDY QUALITY INDUSTRIAL TOOLING O-Clip Pincers

O-clip pincers are designed for rapidly closing O-clips ensuring a positive tamperproof seal. Manufactured from chrome vanadium steel with induction hardened, ground and polished jaws.

Bonded vinyl-coated handle.
Overall length: 200mm.

Overall Length	Order Code KEN-558
200mm (8")	-1000K

KENNEDY QUALITY INDUSTRIAL TOOLING Carpenter's Pincers

Ideal for the easy removal of tacks and nails. Bonded vinyl-coated handle, double polished head and joint with induction hardened cutting edges.

Overall Length	Order Code KEN-558
200mm (8")	-3760K

KENNEDY QUALITY INDUSTRIAL TOOLING Curved Jaw Grip Wrenches

Rolled chrome vanadium steel bodies, drop forged hardened steel jaws with corrosion-resistant bright nickel coating. The jaw opening and clamping pressure can be adjusted with the knurled head screw.

Type	Overall Length	Jaw Capacity	Order Code KEN-558
Standard	125mm	26mm	**-7150K**
Standard	180mm	41mm	**-7170K**
Standard	255mm	53mm	**-7200K**
Heavy	255mm	53mm	**-7230K**

Set: Details as above.

Number of Pieces	Contents	Order Code KEN-558
2	125mm (5") & 255mm (10")	**-7290K**

KENNEDY QUALITY INDUSTRIAL TOOLING Long Nose

Specially designed with long slim jaws to enable access to restricted areas. With quick release.

Overall Length	Jaw Capacity	Order Code KEN-558
150mm	57mm	**-8060K**
230mm	70mm	**-8070K**

KENNEDY QUALITY INDUSTRIAL TOOLING Parallel Plus Grip Wrench

Heavy duty chrome vanadium. With quick release. Self-adjusting lower jaw swivels into place. Grips squares, hexagons.

Overall Length	Jaw Capacity	Order Code KEN-558
255mm	45mm	**-7250K**

KENNEDY QUALITY INDUSTRIAL TOOLING Flat & Convex Grip Wrench

The convex jaw shape allows clearance around small obstacles and the broad jaw profile ensures that flat workpieces are clamped securely.

Overall Length	Jaw Capacity	Order Code KEN-558
300mm	0-100mm	**-8420K**

SENATOR QUALITY TOOLING Long Jaw Grip Wrenches

High strength.

Overall Length	Jaw Capacity	Order Code SEN-558
165mm	57mm	**-7260K**
230mm	70mm	**-7290K**

KENNEDY QUALITY INDUSTRIAL TOOLING Self-Levelling Grip Wrenches

The two knurled swivel pads ensure fully flat contact with the workpiece at the clamping point. Suitable for clamping tapered surfaces without slippage. Narrow jaw profile allows use in areas of confined access and where C-clamps cannot reach.

Overall Length	Jaw Capacity	Order Code KEN-558
235mm	0-45mm	**-8460K**
300mm	0-100mm	**-8480K**

KENNEDY QUALITY INDUSTRIAL TOOLING Multi-Purpose Grip Wrench

The jaw configuration allows straight, curved and convex shapes to be gripped.

Overall Length	Jaw Capacity	Order Code KEN-558
235mm	0-63mm	**-8040K**

KENNEDY QUALITY INDUSTRIAL TOOLING Locking C-Clamps - Swivel Pads

Wide and deep jaw profile, clears obstacles to firmly clamp sections that a normal grip wrench cannot. With swivel contact pads to allow tapered surfaces to be clamped.

Capacity (mm)	Overall Length	Jaw Length	Jaw Width	Jaw Opening	Order Code KEN-558
0 - 50	170mm	54mm	81mm	38mm	**-9330K**
0 - 80	285mm	96mm	120mm	72mm	**-9340K**
0 - 125	365mm	130mm	32mm	150mm	**-8670K**
0 - 240	450mm	260mm	134mm	120mm	**-9350K**
0 - 400	610mm	412mm	134mm	140mm	**-9360K**

KENNEDY QUALITY INDUSTRIAL TOOLING Table C-Clamp

Five holes in base to allow fixture to work surface as a permanent clamp. Swivel foot to clamp tapered workpieces.

Overall Length	Jaw Length	Jaw Width	Jaw Opening	Order Code KEN-558
280mm	78mm	32mm	100mm	**-8160K**

SENATOR QUALITY TOOLING Sheet Metal Clamp

The wide jaws distribute the clamping force evenly to prevent damaging the workpiece being handled.

Overall Length	Jaw Width	Jaw Opening	Order Code SEN-558
255mm	80mm	6-50mm	**-7300K**

KENNEDY QUALITY INDUSTRIAL TOOLING Sheet Metal Clamp

The wide jaws distribute the clamping force evenly to prevent damaging the workpiece being handled.

Overall Length	Jaw Length	Jaw Width	Jaw Opening	Order Code KEN-558
200mm	43mm	80mm	42mm	**-8080K**

KENNEDY QUALITY INDUSTRIAL TOOLING Welder's Clamp

Deep throated, suitable for clamping sheet metal, body panels and sills, with split jaws to allow maximum visibility and access to the working area when welding.

Overall Length	Jaw Length	Jaw Width	Jaw Opening	Order Code KEN-558
267mm	49mm	75mm	60mm	**-8000K**

SENATOR QUALITY TOOLING Welder's Clamp

Deep throated, suitable for clamping sheet metal, body panels and sills, with split jaws to allow maximum visibility and access to the working area when welding.

Overall Length	Jaw Length	Jaw Width	Jaw Opening	Order Code SEN-558
160mm	70mm	80mm	60mm	**-7500K**

KENNEDY PROFESSIONAL Straight Jaw Bi-Material Handle Grip Wrenches

Rolled chrome vanadium steel bodies, drop-forged hardened steel jaws with corrosion-resistant bright nickel coating. The dual material handle design allows the user to apply the greatest force.

Overall Length	Jaw Capacity	Order Code KEN-558
175mm	33mm	-7030K
255mm	44mm	-7040K

SENATOR QUALITY TOOLING Straight & Curved Jaw Grip Wrenches

High strength grip wrench bodies are manufactured from rolled chrome vanadium steel with serrated drop forged hardened steel jaws.

Straight Jaw

Curved Jaw

Type	Overall Length	Jaw Capacity	Order Code SEN-558
Straight Jaw	180mm	45mm	-7070K
Straight Jaw	255mm	55mm	-7100K
Curved Jaw	180mm	45mm	-7170K
Curved Jaw	255mm	55mm	-7200K

KENNEDY QUALITY INDUSTRIAL TOOLING Curved Jaw Grip Wrenches

NEW

- Heavy duty construction for a reliable and longlasting product
- Bi-material grip provides enhanced operator comfort
- Locks securely for a reliable grip
- Quick release lever for efficiency on the job

Number of Pieces	Contents	Order Code KEN-558
2	125mm (5") & 255mm (10")	-7280K

KENNEDY QUALITY INDUSTRIAL TOOLING Ideal Grip Wrench

Heavy duty chrome vanadium. With quick release. Two staged curved jaw design for gripping small and large diameters. Particularly suited to gripping rounded off nuts and circular objects.

Overall Length	Jaw Capacity	Order Code KEN-558
255mm	0-60mm	-7270K

KENNEDY QUALITY INDUSTRIAL TOOLING Irwin Vise-Grip Straight Jaw Grip Wrenches

Rolled chrome vanadium steel bodies, drop forged hardened steel jaws with corrosion-resistant bright nickel coating. For general-purpose gripping.

Type	Overall Length	Jaw Capacity	Order Code KEN-558
Standard	125mm	23mm	-7050K
Standard	180mm	33mm	-7070K
Standard	255mm	43mm	-7100K
Heavy	255mm	43mm	-7130K

KENNEDY QUALITY INDUSTRIAL TOOLING Grip Holder

Can be used as a normal C-type clamp or converts most 250mm and 300mm grip wrenches into a versatile portable vice. Steel frame with butterfly adjustment screw and swivel clamping pad.

N.B. Supplied singly.
Grip wrench not included.

Overall Length	Jaw Length	Jaw Width	Jaw Opening	Order Code KEN-558
130mm	0-60mm	35mm	60mm	**-8020K**

KENNEDY QUALITY INDUSTRIAL TOOLING Spindle Clamps

Fine spindle clamping adjustment enables accurate clamping. Swivel joint clamping points allow tapered surfaces to be securely clamped. Copper plated spindle and clamping points ensure weld splatter will not adhere.

Overall Length	Jaw Length	Jaw Width	Jaw Opening	Order Code KEN-558
300mm	90mm	32mm	0-25mm	**-8720K**
330mm	90mm	32mm	0-100mm	**-8740K**

KENNEDY QUALITY INDUSTRIAL TOOLING Hose Clamp

Long rounded jaws with smooth section. For pinching off hoses without serration and gripping small sections of pipes. Invaluable aid for brake repairs on cars.

Overall Length	Jaw Length	Jaw Width	Jaw Opening	Order Code KEN-558
235mm	77mm	6mm	70mm	**-8180K**

KENNEDY QUALITY INDUSTRIAL TOOLING Locking C-Clamps

Wide and deep jaw profile, clears obstacles to firmly clamp sections that a normal grip wrench cannot.

Overall Length	Jaw Length	Jaw Width	Jaw Opening	Order Code KEN-558
170mm	52mm	81mm	38mm	**-9270K**
280mm	91mm	139mm	72mm	**-9440K**
445mm	259mm	144mm	120mm	**-9290K**
605mm	420mm	144mm	140mm	**-9300K**

SENATOR QUALITY TOOLING Locking C-Clamps

Wide and deep jaw profile, clear obstacles to firmly clamp sections that a normal grip wrench cannot.

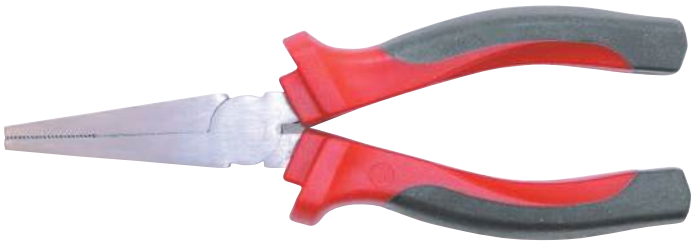
Overall Length	Jaw Length	Jaw Width	Jaw Opening	Order Code SEN-558
150mm	75mm	68mm	50mm	**-7360K**
280mm	130mm	140mm	115mm	**-7410K**

LONG NOSE PLIERS/DIAGONAL PLIERS

KENNEDY PROFESSIONAL Pro-Torq Flat Nose Pliers

• Dual material grip handle design (polypropylene core)

Nose angle: Straight.
Jaw length: 60mm.
Overall length: 160mm.



Overall Length	Jaw Length	Order Code KEN-558
160mm	60mm	**-2090K**

KENNEDY PROFESSIONAL Combination Pliers

Featuring dual material grip handle with slip guard, double polished head and joint, induction hardened cutting edges and side cutter.

• Jaw style: serrated
• Jaw material: steel
• Handle material: polypropylene/thermoplastic
• Ideal for environments where repetitive work is undertaken

Total length	Jaw opening	Order Code KEN-558
165mm	30mm	**-6820K**

KENNEDY QUALITY INDUSTRIAL TOOLING Electrician's Flat Nose Pliers with Notched Wire Cutter

Bonded vinyl-coated handle. Double polished head and joint. Induction hardened cutting edges. Serrated jaws.

Overall Length	Jaw Length	Order Code KEN-558
160mm	60mm	**-3140K**

KENNEDY QUALITY INDUSTRIAL TOOLING Flat Nose Pliers

Ideal for general gripping especially thin materials. Bonded vinyl coated handle. Double polished head and joint. Induction hardened cutting edges.

* Serrated jaws

Overall Length	Jaw Length	Order Code KEN-558
140mm	50mm	**-3020K**
160mm	60mm	**-3050K**

KENNEDY QUALITY INDUSTRIAL TOOLING Long Jaw Round Nose Pliers

Bonded vinyl-coated handle. Double polished head and joint. Induction hardened cutting edges. The round nose jaws allow the forming of loops in wire or thin strips of material.

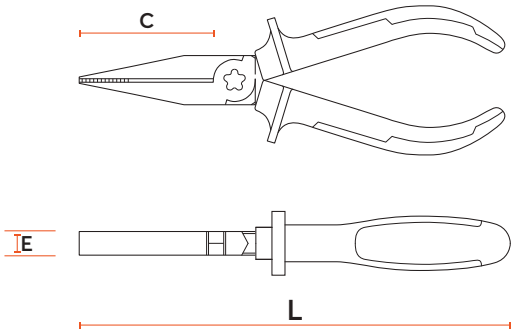
Overall Length	Jaw Length	Order Code KEN-558
160mm	55mm	**-3120K**

KENNEDY QUALITY INDUSTRIAL TOOLING Standard Diagonal Cutting Nippers

Double polished head and joint.
Induction hardened cutting edges.

Overall Length	Jaw Length	Jaw Width	Order Code KEN-558
130mm	19mm	17mm	**-3300K**
160mm	23mm	19mm	**-3320K**
180mm	27mm	25mm	**-3330K**

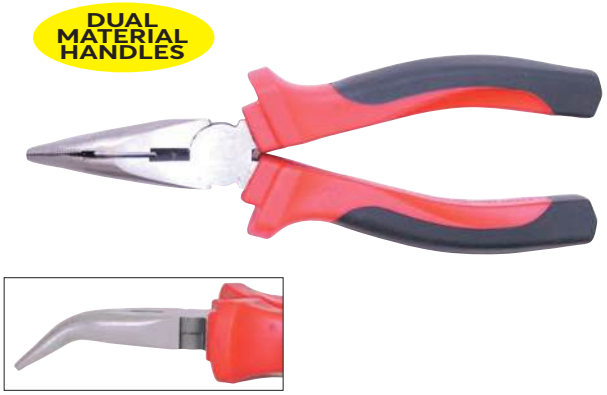
LONG NOSE PLIERS/DIAGONAL PLIERS



C - Jaw Length
E - Jaw Width
L - Overall Length

KENNEDY PROFESSIONAL Pro-Torq Bent Nose Pliers with Side Cutter

Manufactured from specially selected steels. The dual material grip handle design allows the user to apply the greatest force with the minimum amount of effort. Manufactured with a polypropylene core for strength and durability with a soft thermoplastic outer for non-slip comfort grip. Especially suitable for production line environments where repetitive work is undertaken. Double polished head and joint. Induction hardened cutting edges with serrated jaws for gripping nuts.



Overall Length	Jaw Length	Order Code KEN-558
160mm	60mm	**-2080K**
200mm	80mm	**-2100K**

KENNEDY QUALITY INDUSTRIAL TOOLING Pro-Torq Insulated Diagonal Cutting Nippers

Insulated Diagonal Cutting Nippers. Especially suitable for production line environments where repetitive work is undertaken. Double polished head and joint with induction hardened cutting edges.

VDC/IEC 900
DIN EN 60900

1000VAC

Overall Length	Jaw Length	Jaw Width	Order Code KEN-558
160mm	21mm	21mm	**-5100K**
180mm	20mm	28mm	**-5120K**

KENNEDY QUALITY INDUSTRIAL TOOLING Bent Nose Pliers with Cutter

Chrome vanadium steel, bonded vinyl coated handle. Double polished head and joint with induction hardened cutting edges. Serrated jaws with side cutter.

Overall Length	Jaw Length	Order Code KEN-558
160mm	50mm	**-3250K**
200mm	45mm	**-3260K**

KENNEDY QUALITY INDUSTRIAL TOOLING Pro-Torq Diagonal Cutting Nippers

Double polished head and joint. Induction hardened cutting edges. Dual material grip handle with slip guard.

Overall Length	Jaw Length	Jaw Width	Order Code KEN-558
125mm	18mm	16mm	**-2020K**
165mm	21mm	22mm	**-2010K**

YAMOTO INDUSTRIAL PLIERS Diagonal Cutting Nippers

Industrial quality chrome vanadium steel, chemically blacked. Designed to give added strength and allow hard wire to be cut without damaging the edge.

Overall Length	Jaw Length	Jaw Width	Order Code YMT-558
130mm	30mm	19mm	**-4354K**
160mm	-	-	**-4350K**
185mm	38mm	26mm	**-4355K**

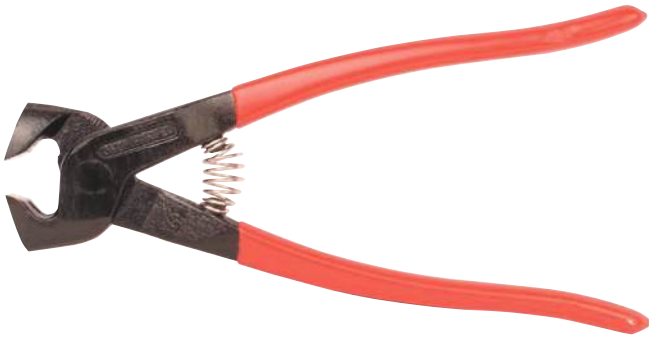
KENNEDY QUALITY INDUSTRIAL TOOLING High Tensile Diagonal Cutting Pliers

Chrome vanadium steel, with bonded vinyl-coated handle. Double polished head and joint. Induction hardened cutting edges.

Overall Length	Order Code KEN-558
160mm	-3410K
180mm	-3430K

KENNEDY QUALITY INDUSTRIAL TOOLING 200mm (8") Tile Nipper

For nibbling shapes in wall and floor tiles. Suitable for use on both ceramic wall and floor tiles. Drop forged steel handles and tungsten carbide tips.
Capacity: 6mm (¼")



Overall Length	Weight each	Order Code KEN-558
200mm	345g	-8260K

SENATOR QUALITY TOOLING High Tensile Diagonal Cutting Nippers

Chrome vanadium with textured dipped PVC handles for use on hard wire. Hardened cutting edges.

Overall Length	Jaw Length	Jaw Width	Order Code SEN-558
175mm	41mm	30mm	-4430K

KENNEDY QUALITY INDUSTRIAL TOOLING Wheel Balancing Plier

- Multi-functional design combines hammer, pliers, and crimping tools, reducing the need for multiple tools
- Fits various types of wheel balancer weights, suitable for multiple vehicle types
- Secure handling offered by hooks, for easy weight removal and hammer for secure placement on the rim
- Durable construction withstands rigorous use, ensuring long-lasting reliability

Order Code KEN-558
-3462D

SENATOR QUALITY TOOLING Heavy Duty Diagonal Cutting Nippers

Chrome vanadium steel with a satin finish. Also have a serrated section behind the head for gripping. Hard wearing heavy-duty PVC safety handles.

Overall Length	Jaw Length	Jaw Width	Order Code SEN-558
125mm	15mm	13mm	-4300K
150mm	34mm	21mm	-4320K
200mm	41mm	23mm	-4340K

MULTIFUNCTIONAL PLIERS

KENNEDY QUALITY INDUSTRIAL TOOLING Miniature Pliers Sets

Supplied in a cushioned zip around case with elasticated tool loops to keep the pliers and cutters secure.

Contents:
1x flat nose - 130mm (5¼"),
1x bent nose - 120mm (4⅝"),
1x long nose - 130mm (5¼"),
1x needle nose - 150mm (6"),
1x diagonal cutters - 110mm (4¼"),
1x end cutters - 110mm (4¼").

Number of Pieces	Order Code KEN-558
6	-7470K

Contents:
1x flat nose - 130mm (5¼"),
1x bent nose - 120mm (4⅝"),
1x long nose - 130mm (5¼"),
1x needle nose - 150mm (6"),
1x diagonal cutters - 110mm (4¼"),
1x end cutters - 110mm (4¼").

Number of Pieces	Order Code KEN-558
6	-1300K

SENATOR QUALITY TOOLING 8 Blade - 13 Function

All stainless steel body and blades with plastic outer body case.
Easy to open blades.
Folds down to a compact 30 x 100mm.

Plier overall dimensions: 60 x 160mm.
Functions:
- 60mm clipt point super sharp knife blade
- 7.5 x 25mm flat screwdriver
- 5 x 22mm flat screwdriver
- 2 x 20mm flat screwdriver
- 25mm awl/punch tool
- No.0 x 25mm crosspoint driver
- Inch graduated ruler with
- Fish descaler and hook remover
- Tin opener
- Long nosed pliers with flat and curved serrated jaws
- Bypass action wire cutters

8 Blades
13 Functions

Model Number	Number of Functions	Order Code SEN-558
MTP813	13	-5020K

KENNEDY PROFESSIONAL Pro-Torq Comfort Grip Pliers Sets

Chrome vanadium steel jaws with nickel-plated finish. Non-slip comfort grip.

DUAL MATERIAL HANDLES

Contents	Order Code KEN-558
4 Piece Set	
Combination, Diagonal Cutters, Groove Joint, Snipe Nose Pliers	-2110K
3 Piece Set	
Combination, Diagonal Cutters, Snipe Nose Pliers	-2120K

KENNEDY QUALITY INDUSTRIAL TOOLING 3-Piece Professional Quality Chrome Vanadium Plier Set

3 piece set ensures you have the correct tool to hand when on site

3 PIECES

Contents	Order Code KEN-558
Long Nose 160mm Diagonal Cutters 160mm Combination 160mm	-9830K

KENNEDY QUALITY INDUSTRIAL TOOLING Straight & Bent Nose Reversible Circlip Plier Set

Supplied in moulded carry case.

Contents:
x1 Straight/x1 Bent
Capacity: 10 - 18mm
x1 Straight/x1 Bent
Capacity: 12 - 25mm
x1 Straight/x1 Bent
Capacity: 18 - 48mm

6 PIECES

Number of Pieces	Order Code KEN-558
6	-5930K

YAMOTO Plier Sets, 3 Pieces

- Sets contain one set of combination pliers, some diagonal nippers and a pair of snipe nose pliers for any circumstance
- Bi-material grips bolster user comfort, grip and control
- Chrome vanadium steel construction is highly durable

Overall Length mm	Jaw Length mm	Order Code YMT-558
160	170, 150, 165	-4360K
205	200, 185, 210	-4362K

KENNEDY QUALITY INDUSTRIAL TOOLING Pro-Torq Insulated Plier Set

3 Piece Set
Double polished head and joint with induction hardened cutting edges. **VDC/IEC 900 DIN EN 60900**.

3 Piece Set Contents:
Nippers 160mm (6⅜"),
long nose 160mm (6⅜"),
combination 160mm (6⅜").

VDE

3 PIECES

Order Code KEN-558
-6980K

KENNEDY QUALITY INDUSTRIAL TOOLING Sprung Internal & External Straight Jaw 4 Piece Circlip Plier Set

Supplied in a plastic moulded carry case.

Contents 1 of each:
External straight jaw,
10 - 25mm and 19 - 40mm.
Internal straight jaw,
10 - 25mm and 12 - 65mm.

4 PIECES

DUAL MATERIAL HANDLES

Number of Pieces	Order Code KEN-558
4	-6090K

KENNEDY QUALITY INDUSTRIAL TOOLING Interchangeable Head Circlip Plier Set

Circlip plier set - eight tools in one. Converts from internal to external. Straight, 45° and 90° interchangeable heads.

Overall length: 165mm (6½").
Spigot dia: 2x Straight 1.2 and 1.5mm, 45° 1.5mm, 90° 1.2mm.
Capacity: 10 - 50mm (⅜" - 2").

Circlip Capacity	Order Code KEN-558
10 - 50mm	-6750K

KENNEDY QUALITY INDUSTRIAL TOOLING Mini Circlip Pliers

4 Piece Set

Set of four pliers for internal and external circlips (range 10-30mm). The pliers feature non-slip PVC grips and spring-loaded jaws. The set comprises Straight and Bent Nose, Internal and External Pliers.

4 PIECES

Number of Pieces	Order Code KEN-558
4	-6160K

PLIER SETS

KENNEDY QUALITY INDUSTRIAL TOOLING 3-Piece Professional Quality Chrome Vanadium Plier Sets

Contents	Order Code KEN-558
Adjustable Wrench 205mm Groove Joint 190mm Combination 180mm	-9810K

Contents	Order Code KEN-558
Long Nose 205mm Diagonal Cutters 180mm Linesman Combi 205mm	-9850K

Contents	Order Code KEN-558
Adjustable Wrench 150mm Diagonal Cutters 160mm Combination 160mm	-9820K

YAMOTO Chrome Vanadium Plier & Wrench Set

Manufactured from industrial quality chrome vanadium steel, chemically blacked with laser etched markings and bi-material grips.

3-Piece Plier & Wrench Set

Contents	Order Code YMT-558
Waterpump Plier 250mm Combination Plier 185mm Adjustable Wrench 150mm	-9810K

SENATOR QUALITY TOOLING Plier Set

- All pliers are manufactured from chrome vanadium steel making for a durable product
- Serrated jaws help to grip nuts
- PVC handles to improve grip and control
- 3 piece set combines cutting nippers, snipe nose and linesman's pliers to ensure you have the correct tool for your needs

Overall Length	Order Code SEN-558
150mm	-9830K

KENNEDY QUALITY INDUSTRIAL TOOLING Hand Stamps

Drawn carbon steel nickel-plated hand stamps with chamfered edges to prevent accidental damage to workpiece.

Positive Indent (Standard)

Set Description	No. of Pieces	Font Size (mm)	Overall Length	Order Code KEN-560
Letter A - Z Plus &	27	1.5	73	**-6400K**
		2.5	73	**-6410K**
		3.0	73	**-6420K**
		4.0	73	**-6430K**
		5.0	78	**-6440K**
		6.0	78	**-6450K**
		8.0	80	**-6460K**
		10.0	92	**-6470K**
		12.0	92	**-6480K**
Figure 0 - 9	9	1.5	71	**-6000K**
		2.5	71	**-6010K**
		3.0	71	**-6020K**
		4.0	71	**-6030K**
		5.0	75	**-6040K**
		6.0	75	**-6050K**
		8.0	83	**-6060K**
		10.0	90	**-6070K**
		12.0	90	**-6080K**

Positive Indent Low Stress Punches
For use on brittle material to avoid damage.

Set Description	No. of Pieces	Font Size (mm)	Overall Length	Order Code KEN-560
Letter A - Z Plus &	27	3.0	73	**-7300K**
Letter A - Z Plus &	27	6.0	78	**-7600K**
Figure 0 - 9	9	3.0	71	**-5300K**
Figure 0 - 9	9	6.0	75	**-5600K**

See online for Individual Letters & Number Stamps

SENATOR QUALITY TOOLING Letter & Number Stamps

Standard quality, with strength up to 800N/mm².
Hardness at the engraving: 58 - 60HRC.
Type of characters according to **DIN 1451**.

Set Description	Number of Pieces	Font Size	Order Code SEN-560
Numbers 0 - 9	9	3.0	**-1300K**
		4.0	**-1400K**
		5.0	**-1500K**
		6.0	**-1600K**
		8.0	**-1800K**
		10.0	**-2100K**
Letters A - Z	27	3.0	**-3300K**
		4.0	**-3400K**
		5.0	**-3500K**
		6.0	**-3600K**
		8.0	**-3800K**
		10.0	**-4100K**

KENNEDY QUALITY INDUSTRIAL TOOLING 6 Wheel Number Punch

Ideal for rapid precise marking of six figure numbers in one impact. Manufactured from nickel-plated carbon steel, knurled handle for extra grip.

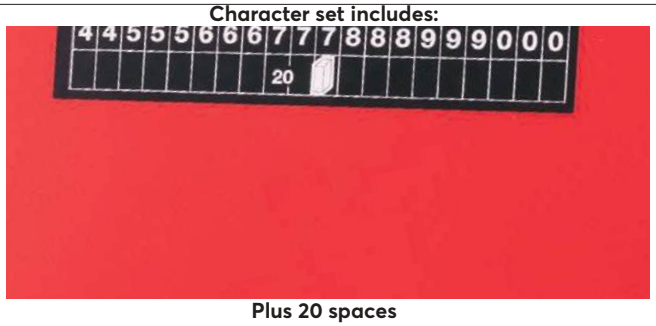
Fount Size (mm)	Overall Length	Order Code KEN-560
3.0	130	**-9000K**

KENNEDY QUALITY INDUSTRIAL TOOLING Fount Set

Precision manufactured carbon steel alphabetical and numeric-marking stamps with nickel-plated finish. For producing between eight and ten clean uniform impressions in one impact, suitable for all batch and general-purpose marking. Each set contains tweezers to allow easy handling of the individual fount blocks. The knurled grip fount holder has an impact resistant plastic hand shield to redirect the force of miss-hits safely away from your hand preventing injury. Hexagon wrench for operating the fount retaining screw and 100 characters and spaces according to the most common use. Supplied complete in a foam-lined plastic carry case. **Individual Nickel-plated Carbon Steel Founts** For use with holder shown below. 3mm character height.

Character	Order Code KEN-560
Alphabetical	
A	-8200K
B	-8210K
C	-8220K
D	-8230K
E	-8240K
F	-8250K
G	-8260K
H	-8270K
I	-8280K
J	-8290K
K	-8300K
L	-8310K
M	-8320K
N	-8330K
O	-8340K
P	-8350K
Q	-8360K
R	-8370K
S	-8380K
T	-8390K
U	-8400K
V	-8410K
W	-8420K
X	-8430K
Y	-8440K
Z	-8450K
Space	-8500K
Numeric	
0	-8100K
1	-8110K
2	-8120K
3	-8130K
4	-8140K
5	-8150K
6	-8160K
7	-8170K
8	-8180K
9	-8190K

Character set includes:



Plus 20 spaces

Set

No. of Pieces	Fount Size (mm)	Order Code KEN-560
100	3.0	**-9300K**

Individual Holder

Overall Length	Order Code KEN-560
125mm	**-9500K**

KENNEDY QUALITY INDUSTRIAL TOOLING Power Punch Kit

Provides smooth piercing with minimum effort. For use on steel, aluminium, plastic and leather. Adjustable depth gauge. Suitable for materials up to 14 gauge. Die and punch sizes: 2.38, 3.18, 3.97, 4.76, 5.56, 6.35, and 7.14mm.

14 PIECES

Model Number	Throat Capacity	Weight each	Order Code KEN-560
PPK2812	45mm (1¾")	1.60kg	**-7800K**

KENNEDY QUALITY INDUSTRIAL TOOLING Stencil Sets

Stencils manufactured from hard-wearing quality steel with precision cut letters for a clean sharp image. Suitable for use with all paints and marking compounds for marking packing cases with shipping details, loading/work bay walls for identification, car park spaces and countless other applications.

10-Piece Numbered Sets 0 - 9

Character Height	Order Code KEN-561
40mm	**-0400K**
50mm	**-0500K**
60mm	**-0600K**
70mm	**-0700K**
80mm	**-0800K**
100mm	**-1000K**
150mm	**-1500K**
200mm	**-2000K**

26-Piece Letter Sets A - Z

Stencils manufactured from hard-wearing quality steel with precision cut letters for a clean sharp image. Suitable for use with all paints and marking compounds for marking packing cases with shipping details, loading/work bay walls for identification, car park spaces and countless other applications.

Character Height	Order Code KEN-561
40mm	**-2400K**
50mm	**-2500K**
60mm	**-2600K**
70mm	**-2700K**
80mm	**-2800K**
100mm	**-3100K**
150mm	**-3150K**
200mm	**-3200K**

Dies

See our range

Scan the QR code

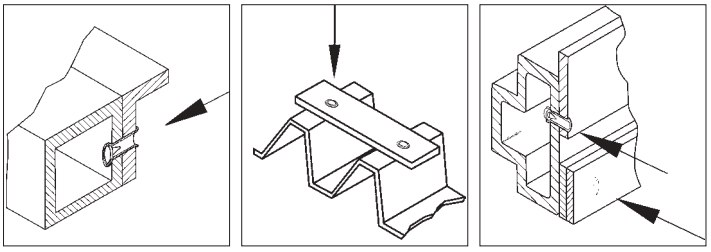
Replacement Hole Punches

Scan the QR code

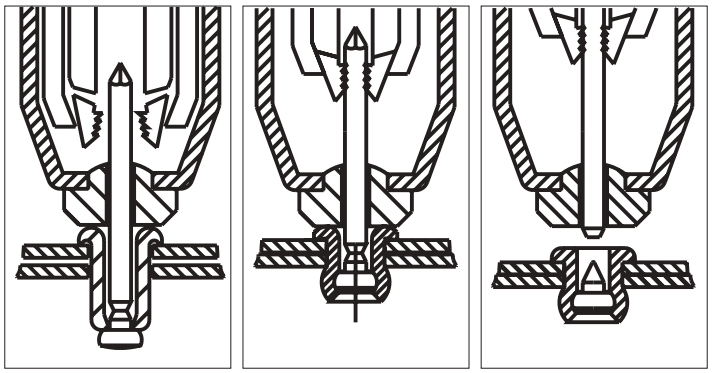
Industrial Lazy Tong Riveter

The powerful one-handed compression action and all steel construction make this ideal for rapid, repetitive riveting applications. The contoured handle provides a comfortable grip for the user and reduces fatigue. In-handle storage of different nozzle sizes ensures rapid nozzle changing when required.

Length closed: 300mm. **Extended:** 825mm.



Group 644



Lazy Tong Riveter

Nozzles Supplied	Order Code KEN-569
3.2, 4, 4.8. 6.0 & 6.4mm	-3030K

Replacement Jaws

Contents	Order Code KEN-569
Set of 3	-9130K

Replacement Nozzles

Contents	Order Code KEN-569
2.4mm	-8510K
3.2mm	-8520K
4.0mm	-8530K
4.8mm	-8540K
6.0mm	-8550K

Long Arm Riveting Tool

Heavy duty industrial grade riveter for use with aluminium, steel and stainless steel rivets. Unique mechanism reduces operator effort by 40%. Ergonomically designed PVC shock-proof handle to eliminate operator fatigue. Easy and effortless to use with its long arm design. Quick change nozzles are stored in the stem catcher.

Complete with 5 nozzles for rivet sizes:
2.4mm (3/32"),
3.2mm (1/8"),
4.0mm(5/32"),
4.8mm (3/16"),
6.4mm (1/4")

Long Arm Riveting Tool

Nozzles Supplied	Order Code KEN-569
2.4, 3.2, 4.0, 4.8 & 6.4mm	-2060K

KENNEDY PROFESSIONAL Heavy Duty Riveter

Steel construction with unique mechanism that reduces operator effort by 40%. Ergonomically designed PVC handle for extra comfort and grip. Quick change nozzles are stored in the handle. One handed operation.

Complete with 4 nozzles for rivet sizes:
2.4mm (3/32"), 3.2mm (1/8"),
4.0mm(5/32"), 4.8mm (3/16")

Quick change nozzles stored in the handle

Nozzles Supplied (mm)	Order Code KEN-569
2.4, 3.2, 4.0, 4.8	**-2040K**

KENNEDY QUALITY INDUSTRIAL TOOLING Rivet Nut Inserter

Heavy duty industrial grade rivet nut inserter for use with M3-M2 aluminium, steel and stainless steel rivet nuts. Unique mechanism reduces operator effort by 40%. Ergonomically designed PVC shock-proof handle to eliminate operator fatigue. Easy and effortless to use with its long arm design.

Complete with 7 mandrel kits - M3, M4, M5, M6, M8, M10 & M12 and wrench.

Group 644

Mandrel Size	Order Code KEN-569
Rivet nut inserter set (as above)	**-2080K**
M3	**-1803K**
M4	**-1804K**
M5	**-1805K**
M6	**-1806K**
M8	**-1808K**
M10	**-1810K**
M12	**-1812K**

PRO TORQ SCREWDRIVERS

KENNEDY PROFESSIONAL Pro-Torq Screwdrivers

Chrome vanadium steel blades with magnetic tips.
Fitted with a unique dual grip triangular handle which has been designed for improved user comfort, allowing more torque to be applied.
With convenient hanging hole in the handle for storage.

Crosspoint

Tip Size	Blade Length	Order Code KEN-572
No.0	75mm	**-5110K**
No.1	75mm	**-5120K**
No.1	250mm	**-4490K**
No.2	Stubby	**-5180K**
No.2	100mm	**-5140K**
No.2	250mm	**-4500K**
No.3	150mm	**-5150K**
No.4	200mm	**-5160K**

PZ/Supadriv

Tip Size	Blade Length	Order Code KEN-572
No.2	Stubby	**-5280K**
No.0	75mm	**-5290K**
No.1	75mm	**-5300K**
No.1	250mm	**-5360K**
No.2	100mm	**-5310K**
No.2	250mm	**-5370K**
No.3	150mm	**-5320K**
No.4	200mm	**-5340K**

Parallel Tip

Tip Size	Blade Length	Order Code KEN-572
3.0mm	100mm	**-5650K**
3.2mm	150mm	**-5660K**
4.0mm	300mm	**-5400K**
5.5mm	75mm	**-5710K**
5.5mm	100mm	**-5720K**
5.5mm	150mm	**-5730K**
5.5mm	200mm	**-5740K**
5.5mm	250mm	**-5750K**
5.5mm	260mm	**-5404K**

Flared Tip, Round Blade

Tip Size	Blade Length	Order Code KEN-572
3.2mm	75mm	**-5425K**
6.5mm	Stubby	**-5420K**
6.5mm	100mm	**-5430K**
6.5mm	150mm	**-5440K**
8.0mm	200mm	**-5450K**
10.0mm	250mm	**-5460K**

Flared Tip, Square Blade

Tip Size	Blade Length	Order Code KEN-572
6.5mm	100mm	**-5500K**
6.5mm	150mm	**-5510K**
8.0mm	200mm	**-5520K**
10.0mm	250mm	**-5530K**
10.0mm	300mm	**-5550K**

TX

Tip Size	Blade Length	Order Code KEN-572
T6	75mm	**-5260K**
T7	75mm	**-5262K**
T8	75mm	**-5264K**
T9	75mm	**-5266K**
T10	100mm	**-5268K**
T15	100mm	**-5270K**
T20	100mm	**-5272K**
T25	100mm	**-5274K**
T30	100mm	**-5276K**

PRO TORQ SCREWDRIVERS

Pro-Torq Sets		Crosspoint				Parallel					Flared					Pozidrive			Torx
		No.1 Tip	No.2 Tip		No.3 Tip	5.5mm Tip					6.5mm Tip			8mm Tip	10mm Tip	No.1 Tip	No.2 Tip	No.3 Tip	T6/T7/T8/ T9/T10/ T15/ T20/ T25/ T30
Order Code	Pieces	75mm	Stubby	100mm	150mm	75mm	100mm	150mm	200mm	250mm	Stubby	100mm	150mm	200mm	250mm	75mm	100mm	150mm	
KEN-572-5975K	6						•		•				•		•	•	•		
KEN-572-5990K	8	•		•	•		•		•				•		•		•		
KEN-572-6000K	8	•		•	•		•		•				•		•		•		
KEN-572-6010K	8	•		•		•		•			•	•			•		•		
KEN-572-6050K	9																		•
KEN-572-6020K	12		•	•	•		•		•	•	•		•		•	•	•	•	
KEN-572-6030K	12	•	•	•	•	•		•		•	•		•	•			•	•	
KEN-572-6040K	12	•	•	•		•	•		•	•	•	•	•	•	•				

6 PIECES

Order Code
KEN-572
-5970K

8 PIECES

Order Code
KEN-572
-6010K

11 PIECES

Order Code
KEN-572
-6020K

6 PIECES

Order Code
KEN-572
-5975K

8 PIECES

Order Code
KEN-572
-6000K

12 PIECES

Order Code
KEN-572
-6030K

8 PIECES

Order Code
KEN-572
-5990K

9 PIECES

Order Code
KEN-572
-6050K

12 PIECES

Order Code
KEN-572
-6040K

HI-GRIP SCREWDRIVERS

KENNEDY QUALITY INDUSTRIAL TOOLING 'Hi-Grip' Screwdrivers

Designed for maximum grip under load application. The red moulded cushion grip gives optimum operator comfort. Ideal for assembly work. Tough alloy steel blades with satin finish. Magnetic tips, hardened and ground to prolong tool life.
DIN ISO 2380/8764.

*Flat blades have hexagon bolster to allow higher torque to be applied via a spanner.

TX

Tip Size	Blade Length	Order Code KEN-572
T6	75mm	-6060K
T7	75mm	-6070K
T8	75mm	-6080K
T9	75mm	-6090K
T10	75mm	-6100K
T15	100mm	-6150K
T20	100mm	-6200K
T25	100mm	-6250K
T30	100mm	-6300K

Crosspoint

Tip Size	Blade Length	Order Code KEN-572
No.0	75mm	-0000K
No.1	75mm	-0010K
No.2	100mm	-0020K
No.3	150mm	-0030K
No.2	Stubby	-0120K

PZ/Supadriv

Tip Size	Blade Length	Order Code KEN-572
No.1	75mm	-0210K
No.2	100mm	-0220K
No.3	150mm	-0230K

Flared Tip, Round Blade

Tip Size	Blade Length	Order Code KEN-572
6.5mm	Stubby	-0320K
6.5mm	100mm	-0340K
6.5mm	150mm	-0360K
8.0mm	200mm	-0380K
10.0mm	250mm	-0400K

KENNEDY QUALITY INDUSTRIAL TOOLING 'Hi-Grip' Pound Thru' Screwdrivers

Through blade screwdriver with chrome vanadium steel blades and striking heads, suitable for striking with a hammer to free up seized screws. Fully hardened magnetic tips. Comfortable moulded grip. Hexagon blades. **DIN ISO 2380/8764.**

Crosspoint

Tip Size	Blade Length	Order Code KEN-572
No.1	75mm	-3610K
No.2	100mm	-3620K
No.3	150mm	-3630K

Flared Tip

Tip Size	Blade Length	Order Code KEN-572
6mm	100mm	-3510K
6mm	150mm	-3520K
8mm	200mm	-3540K
9.5mm	250mm	-3560K

Hi Grip Sets		Crosspoint				Flared							Pozidrive			Torx
		No.1 Tip	No.2 Tip		No.3 Tip	6mm Tip	6.5mm Tip			8mm Tip	9.5mm Tip	10mm Tip	No.1 Tip	No.2 Tip	No.3 Tip	T6/T7/T8/T9/T10/ T15/ T20/ T25/ T27/ T30/T40
Order Code	Pieces	75mm	Stubby	100mm	150mm	100mm	Stubby	100mm	150mm	200mm	250mm	250mm	75mm	100mm	150mm	
KEN-572-9870K	8	•	•	•	•		•	•	•			•				
KEN-572-6450K	11															•
KEN-572-0490K	12	•	•	•	•		•	•	•	•		•	•	•	•	
Pound Thru																
KEN-572-3700K	7	•		•	•	•			•	•	•					

8 PIECES

Order Code KEN-572
-9870K

11 PIECES

Order Code KEN-572
-0490K

11 PIECES

Order Code KEN-572
-6450K

7 PIECES

Order Code KEN-572
-3700K

STANDARD ENGINEER'S SCREWDRIVERS

KENNEDY QUALITY INDUSTRIAL TOOLING Engineer's & Electrician's Screwdrivers

With a traditional 'fluted' design handle. High quality steel blades with satin finish. Magnetic tips, hardened and ground to prolong tool life. This range offers the widest choice of blade selection and blade length. The high impact plastic handles are acid and oil resistant.
A comprehensive selection to meet the demands of modern industry.
DIN ISO 2380/8764.

Crosspoint

Tip Size	Blade Length	Order Code KEN-572
No.0	75	-1000K
No.1	75	-1010K
No.2	100	-1020K
No.3	150	-1030K
No.4	200	-1040K
No.1	Stubby	-1210K
No.2	Stubby	-1220K

PZ/Supadriv

Tip Size	Blade Length	Order Code KEN-572
No.0	75	-2000K
No.1	75	-2010K
No.1	250	-2510K
No.2	100	-2020K
No.2	250	-2520K
No.3	150	-2030K
No.3	250	-2530K
No.4	200	-2040K
No.1	Stubby	-2210K
No.2	Stubby	-2220K

Parallel Tip

Tip Size	Blade Length	Order Code KEN-572
3.0mm	50	-4520K
3.0mm	75	-4530K
3.0mm	100	-4540K
3.0mm	150	-4560K
5.5mm	75	-5030K
5.5mm	100	-5040K
5.5mm	150	-5060K
5.5mm	200	-5080K
5.5mm	250	-5100K

Flared Tip, Round Blade

Tip Size (mm)	Blade Length	Order Code KEN-572
6.5mm	Stubby	-3020K
6.5mm	100	-3040K
6.5mm	150	-3060K
8.0mm	200	-3080K
10.0mm	250	-3100K
10.0mm	300	-3120K

Flared Tip, Square Blade

Tip Size	Blade Length	Order Code KEN-572
6.5mm	100	-4040K
6.5mm	150	-4060K
8.0mm	200	-4080K
10.0mm	250	-4100K

Engineer's Sets		Crosspoint							Parallel					Flared					Pozidrive				
		No.0 Tip	No.1 Tip		No.2 Tip		No.3 Tip	No.4 Tip	3mm Tip			5.5mm Tip		6.5mm Tip			8mm Tip	10mm Tip	No.1 Tip		No.2 Tip		No.3 Tip
Order Code	Pieces	75mm	Stubby	75mm	Stubby	100mm	150mm	200mm	75mm	100mm	150mm	75mm	150mm	Stubby	100mm	150mm	200mm	250mm	Stubby	75mm	Stubby	100mm	150mm
KEN-572-9900K	11									•			•	•	•	•		•	•	•	•	•	•
KEN-572-5940K	12	•	•	•	•	•	•	•	•		•			•	•		•						
KEN-572-9920K	15	•	•	•	•	•	•	•	•		•	•	•	•	•		•	•					

11 PIECES

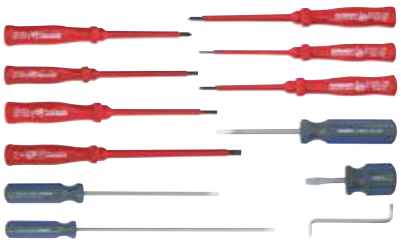
Order Code
KEN-572
-9900K

12 PIECES

Order Code
KEN-572
-5940K

15 PIECES

Order Code
KEN-572
-9920K



12 PIECES

Order Code
KEN-572
-5920K

KENNEDY QUALITY INDUSTRIAL TOOLING Combined & Fluted Handle Screwdriver Set

Seven 'volt-tested' screwdrivers plus five non-insulated engineers' and electricians' screwdrivers. Supplied in clear plastic wallet.

Combined & Fluted Handle Set		Crosspoint INSULATED				Parallel INSULATED				Parallel NON INSULATED			Flared NON INSULATED
		No.0 Tip	No.1 Tip		No.2 Tip	2.5mm Tip	4mm Tip	5.5mm Tip	6.5mm Tip	4.8mm Tip			6.3mm Tip
Order Code	Pieces	75mm	100mm	1/4"	100mm	85mm	100mm	125mm	150mm	75mm	150mm	250mm	Stubby
KEN-572-5920K	12	•	•	•	•	•	•	•	•	•	•	•	•

TRI-LINE SCREWDRIVERS

YAMOTO Tri-Line™ Screwdriver

Ergonomically designed handles which are dual material and three-sided for improved torque and reduced fatigue. Chrome vanadium steel blades with magnetic tips and a hanging hole in the handle.

Crosspoint

Tip Size	Blade Length	Order Code YMT-572
No.1	75mm	-3420K
No.1	100mm	-3440K
No.1	150mm	-3460K
No.1	200mm	-3480K
No.2	100mm	-3500K
No.2	150mm	-3520K
No.2	200mm	-3540K
No.2	250mm	-3560K
No.2	300mm	-3580K

PZ/Supadriv

Tip Size	Blade Length	Order Code YMT-572
No.2	100mm	-3600K
No.2	200mm	-3620K

Parallel Tip

Tip Size	Blade Length	Order Code YMT-572
3.0mm	75mm	-2600K
5.0mm	150mm	-2620K
5.0mm	200mm	-2640K
5.0mm	250mm	-2660K
6.0mm	200mm	-2700K

Flared Tip

Tip Size	Blade Length	Order Code YMT-572
6.0mm	150mm	-2800K
6.0mm	200mm	-2820K
6.0mm	250mm	-2840K
6.0mm	300mm	-2860K
6.0mm	Stubby	-2740K
8.0mm	150mm	-2880K
8.0mm	200mm	-2900K
8.0mm	250mm	-2920K
8.0mm	300mm	-2940K
10.0mm	250mm	-2960K

Tri-Line Sets		Crosspoint		Parallel		Flared			Pozidrive
		No.1 Tip	No.2 Tip	3mm Tip	5mm Tip	6mm Tip		8mm Tip	No.2 Tip
Order Code	Pieces	75mm	100mm	75mm	150mm	Stubby	150mm	200mm	100mm
YMT-572-2060K	6	•	•	•	•		•	•	
YMT-572-2080K	8	•	•	•	•	•	•	•	•

6 PIECES

Order Code YMT-572 -2060K

8 PIECES

Order Code YMT-572 -2080K

MASTER EVERY TASK WITH UNMATCHED EFFICIENCY

Transform your work with the Kobe Air Hose, engineered for versatility and durability.
Whether handling air or water, its rugged PU construction and auto-layering mechanism keep you efficient and tangle-free.

Choose Kobe for precision and reliability that never compromise.

Power. Precision. Perfection.

KOBE™

Dual Grip Screwdriver Sets

Comfort rubber grip handles with chrome vanadium, chrome-plated blades and magnetic tips.

Rubber Handle

Acrylic Handles

Dual Grip Sets		Crosspoint				Parallel					Flared					Pozidrive			Handle Type	
		No.1 Tip	No.2 Tip		No.3 Tip	3mm Tip	4mm Tip	5mm Tip			6mm Tip			8mm Tip	9.5mm Tip	No.1 Tip	No.2 Tip	No.3 Tip	Rubber	Acrylic
Order Code	Pieces	75mm	Stubby	100mm	150mm	75mm	100mm	150mm	200mm	250mm	Stubby	100mm	150mm	200mm	300mm	75mm	100mm	150mm		
SEN-572-9890K	8	•	•	•		•	•				•	•		•						•
SEN-572-9100K	10		•	•	•	•		•		•	•			•			•	•	•	
SEN-572-9150K	15	•	•	•	•	•		•	•	•	•		•	•	•	•	•	•	•	

8 PIECES

Order Code
SEN-572
-9890K

10 PIECES

Order Code
SEN-572
-9100K

15 PIECES

Order Code
SEN-572
-9150K

INSULATED SCREWDRIVER SETS

Insulated Sets		Crosspoint							Parallel										Pozidrive		Accessories	
		No.0 Tip			No.1 Tip		No.2 Tip		2.5mm Tip			3mm Tip	3.5mm Tip	4mm Tip	5.5mm Tip		6.5mm Tip		No.1 Tip	No.2 Tip	Insulated Handle	Swivel Cap
Order Code	Pieces	60mm	75mm	100mm	80mm	100mm	100mm	125mm	75mm	85mm	100mm	100mm	100mm	100mm	100mm	125mm	100mm	150mm	100mm	125mm		
KEN-572-8000K	7	•			•		•		•					•		•		•				
KEN-572-5900K	7		•			•	•			•				•		•		•				
KEN-572-5870K	10			•		•	•				•	•		•	•		•				•	•

1000V Dual Grip VDE Screwdrivers

A fully insulated VDE screwdriver tested up to 1000V. Professional high grip handles, magnetic tips, chrome vanadium steel blades.

Crosspoint

Tip Size	Blade Length	Order Code KEN-572
No.0	60mm	-7900K
No.1	80mm	-7910K
No.2	100mm	-7920K

Parallel Tip

Tip Size	Blade Length	Order Code KEN-572
2.5mm	75mm	-7940K
4.0mm	100mm	-7950K
5.5mm	125mm	-7960K
6.5mm	150mm	-7970K

7 PIECES

Order Code KEN-572

-8000K

Electrician's VDE Square Section Handle Screwdrivers

Volt-tested to ensure safety on or near electrical equipment up to 1000V AC or 1500V DC. Insulated blades with magnetic tips. Conform with **DIN 7438** and **DIN EN 60900**.

Crosspoint

Parallel Tip

Tip Size	Blade Length	Order Code KEN-572
2.5mm	85mm	-5760K
4.0mm	100mm	-5780K
5.5mm	125mm	-5790K

7 PIECES

Order Code KEN-572

-5900K

Insulated Interchangeable Screwdriver Set

Ergonomic insulated full size handle, swivel cap and eight interchangeable drivers supplied in a compact protective pouch with belt loop. 2-in-1 design, use the detachable swivel cap for fast (low torque) driving, or use the full size detachable ergonomic handle for higher torque fastening. Safe up to 1000V AC/1500V DC.

10 PIECES

Order Code KEN-572

-5870K

KENNEDY PROFESSIONAL

Pro-Torq Precision Screwdrivers

Expert quality, hardened and tempered chrome alloy steel blades with black oxide tips. Fitted with a unique dual grip handle with revolving top designed for added user comfort whilst allowing more torque to be applied.

Crosspoint

Tip Size	Blade Length	Order Code KEN-572
No.0-3	40	-4430K
No.0-2	40	-4390K
No.0-12	75	-4420K
No.0-0	40	-4380K
No.0	75	-4400K
No.1	100	-4410K

Parallel Tip

Tip Size	Blade Length	Order Code KEN-572
1.4mm	40	-4300K
2.0mm	40	-4310K
2.4mm	40	-4320K
3.0mm	40	-4330K
2.4mm	75	-4340K
3.0mm	75	-4350K
4.0mm	100	-4360K

TX

Tip Size	Blade Length	Order Code KEN-572
T6	40	-6470K
T8	40	-6472K
T9	50	-6474K
T10	50	-6476K
T15	60	-6478K
T20	60	-6480K

Pro-Torq Sets		Crosspoint					Parallel							Torx					
		No.0.3 Tip	No.0.2 Tip		No.0 Tip	No.1 Tip	1.4mm Tip	2mm Tip	2.4mm Tip		3mm Tip		4mm Tip	T6 Tip	T8 Tip	T9 Tip	T10 Tip	T15 Tip	T20 Tip
Order Code	Pieces	40mm	40mm	75mm	75mm	100mm	40mm	40mm	40mm	75mm	40mm	75mm	100mm	40mm	40mm	50mm	50mm	60mm	60mm
KEN-572-6490K	6													•	•	•	•	•	•
KEN-572-4450K	7	•	•		•		•	•	•		•								
KEN-572-4470K	9	•		•	•	•	•	•		•		•	•						

6 PIECES

Order Code KEN-572
-6490K

7 PIECES

Order Code KEN-572
-4450K

9 PIECES

Order Code KEN-572
-4470K

PRECISION SCREWDRIVERS

KENNEDY QUALITY INDUSTRIAL TOOLING Precision Screwdrivers

Have nickel chrome molybdenum steel blades, hardened and tempered. Chrome plated, with swivel tops which resist oil and acid. Supplied in plastic cases. Ideal for jewellers and watchmakers.

Crosspoint

Tip Size (mm)	Order Code KEN-572
PH0.4	-9200K
PH0.3	-9210K
PH0.2	-9220K
PH0	-9230K

Parallel

Tip Size (mm)	Order Code KEN-572
1.0	-9100K
1.2	-9110K
1.4	-9120K
1.8	-9130K
2.0	-9140K
2.4	-9150K
3.0	-9160K
3.8	-9170K

Magnet

Type	Order Code KEN-572
Magnet	-9320K

Awl

Type	Weight each	Order Code KEN-572
Awl	15g	-9300K

Precision Sets		Crosspoint						Parallel								Hex										Pozidrive	Torx	Other		
Order Code KEN-572	Pieces	No. 0.4 Tip	No. 0.3 Tip	No. 0.2 Tip	No. 0 Tip	No. 1 Tip	No. 1.2 Tip	1 mm Tip	1.2 mm Tip	1.4 mm Tip	1.8 mm Tip	2 mm Tip	2.4 mm Tip	3 mm Tip	3.8 mm Tip	0.9 mm Tip	1.3 mm Tip	1.5 mm Tip	2 mm Tip	2.5 mm Tip	3 mm Tip	3.5 mm Tip	4 mm Tip	4.5 mm Tip	5 mm Tip	No.0 Tip	T20	Awl Tip	Tweezer Tip	Magnet Tip
9886K	5															•	•	•	•	•										
9888K	5																				•	•	•	•	•					
9070K	6							•		•		•	•	•	•															
9080K	6	•	•	•	•	•	•																							
9090K	6				•	•				•		•	•	•																
9040K	11			•	•	•		•	•	•	•		•	•														•	•	
9050K	11	•	•	•	•	•		•	•	•	•		•	•																
9060K	11			•	•	•		•	•	•	•		•	•														•		•

5 PIECES

Order Code KEN-572 -9886K

5 PIECES

Order Code KEN-572 -9888K

6 PIECES

Order Code KEN-572 -9070K

6 PIECES

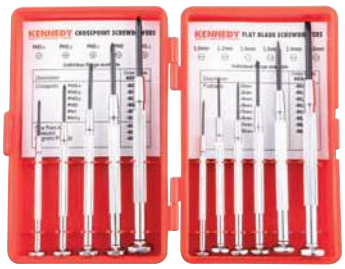
Order Code KEN-572 -9080K

6 PIECES

Order Code KEN-572 -9090K

11 PIECES

Order Code KEN-572 -9040K



11 PIECES

Order Code KEN-572 -9050K

11 PIECES

Order Code KEN-572 -9060K

Offset Double-Ended Screwdrivers

Ideal for restricted areas.

Size	Order Code KEN-572
No.1 x 3/16"	-4210K
No.2 x 1/4"	-4220K
No.3 x 5/16"	-4230K
3-Piece Set	-4250K

Heavy Duty Magnetic Driver

Square section mechanic's pattern handle. Suitable for use with 1/4" hexagon driver bits etc. Hexagonal blade also allows the application of a spanner for high torque.

Order Code KEN-573
-7070K

Rachet & Bit Sets		Crosspoint			Parallel									Pozidrive			Hex		Torx		Square	
Order Code	Pieces	No.1 Tip	No.2 Tip	No.3 Tip	3mm Tip	4mm Tip	5mm Tip	5.5mm Tip	6mm Tip	6.5mm Tip	7mm Tip	3/16" Tip	1/4" Tip	No.1 Tip	No.2 Tip	No.3 Tip	4mm Tip	6mm Tip	T15	T20	No.1 Tip	No.2 Tip
KEN-572-8160K	4	•	•					•			•											
KEN573-7040K	6	•	•				•		•					•	•							
KEN573-7060K	6	•	•				•		•					•	•							
KEN573-7050K	10	•	•	•	•	•	•	•						•	•	•						

Spiral Ratchet Screwdrivers

Polished chrome plated body. 3-way ratchet. Quick release chuck, with swivel grip.
Lacquered wooden handles. Chrome vanadium steel bits. Supplied with No.1 and No.2 crosspoint and 5.5mm and 7.0mm flared screwdriver bits.

Ratchet Screwdriver

4 PIECES

Order Code KEN-572
-8160K

6-in-1 Handles

Switchable forward, reverse and fixed positive action.

Ratchet

6 PIECES

Overall Length	Order Code KEN-573
200mm	-7040K

6-in-1 Handles

Chrome vanadium steel blade with plastic sheaving.

Fixed

6 PIECES

Overall Length	Order Code KEN-573
200mm	-7060K

Magnetic Screwdriver Bit Set

11 piece 1/4" hexagon bits. Chrome vanadium steel blade with moulded dual grip handle. Switchable forward, reverse and fixed positive.

11 PIECES

Overall Length	Order Code KEN-573
200mm	-7050K

Mini Screwdrivers

Extra light-duty screwdrivers.

Parallel

Tip Size	Blade Length	Order Code KEN-572
3.0mm	65mm	-5220K

Mini & Revisible Screwdriver Sets		Crosspoint		Parallel		
		No.0 Tip	No.2 Tip	3mm Tip		6mm Tip
Order Code	Pieces	65mm	145mm	65mm	100mm	145mm
KEN573-7400K	2+1		•			•

Reversible Blade Screwdriver

Order Code KEN-573
-7400K

SCREWDRIVER BITS

KENNEDY QUALITY INDUSTRIAL TOOLING Screwdriver Bit Set

Contents:
Hex: 2, 2.5, 3, 4, 5 and 6mm.
PZ: No.1 x2, No.2 x3, No.3 x2.
TX: TX10, TX15, TX20 TX25, TX30, TX40.
Crosspoint: No.0, No.1 x2, No.2 x3, No.3 x2.
Flat: 3, 4, 5, 6 and 6.5mm.
¼" magnetic drive adaptor.

No. of Pieces	Order Code KEN-573
33	-5212A

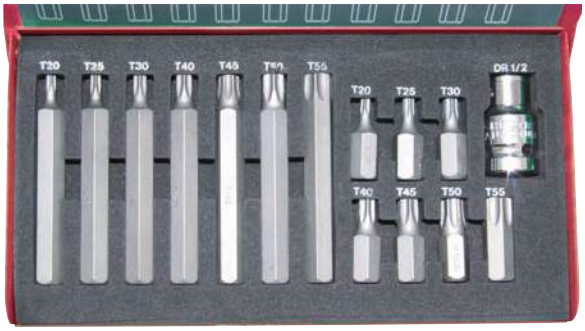
Single Nut Setters

Size (mm)	Order Code KEN-573
7 x 65	-5346W
8 x 65	-5347X
10 x 65	-5348Y
13 x 65	-5351B
14 x 65	-8934K

10mm AF Hex Drive Torx Bit Set

Contents: ½" Sq. drive x 10mm Hex. bit holder.
TORX 10 x 75mm: T20, T25, T30, T40, T45, T50 and T55.
TORX 10 x 30mm: T20, T25, T30, T40, T45, T50 and T55.
Torx is a registered trade mark of Camcar/Textron Inc.

15 PIECES



No. of Pieces	Order Code KEN-573
15	-5210Y

KENNEDY QUALITY INDUSTRIAL TOOLING 10mm Hexagon Power Bit Set

Contents:

⅜" and ½" Square x 10mm Hex Bit Adaptors.

75mm x 10mm
Hex bits:
Hexagon: 4, 5, 6, 7, 8, 10 and 12mm. TX: Tx20, Tx25, Tx30, Tx40, Tx45, Tx50 and Tx55. Spline: 5, 6, 8, 10 and 12mm.

30mm x 10mm
Hex bits:
Hexagon: 4 -8, 10 and 12mm. TX: Tx20, Tx25, Tx30, Tx40, Tx45, Tx50 and Tx55.
Spline: 5, 6, 8, 10 and 12mm.

40 PIECES

Case Type	Order Code KEN-573
Moulded	-6490K

1/4in. Hex Drive Torsion Quick Magnetic Bit Holder

Scan the QR code

1/4in. Hex Drive Torsion Bits

Scan the QR code

NEW

Master Screwdriver Bit Set

¼" hex x 25mm insert bits. Manufactured from chrome molybdenum. Bit holder made from chrome vanadium hardened steel, tempered and chrome plated. Uniquely packaged in a moulded plastic case for easy organisation and storage.

Crosspoint: No.0, No.1, No.2R, No.2, No.3, No.4.
Pozidrive®: No.0, No.1, No.2, No.3, No.4.
Square: 0, 1, 2, 3, 4.
Torx®: T6, T7, T8, T9, T10, T15, T20, T25, T27, T30, T40, T45, T50.
Clutch: 5/32, 3/16, ¼.
Hex: 1.5, 2, 2.5, 3, 4, 5, 6, 7, 8, 10.
Slotted: 3, 3.5, 4.5 5, 5.5, 6.5.
Crosspoint ACR II: No.1, No.2R, No.2, No.3.
Pozidriv® ACR: No.1, No.2, No.3.
Spline: 4, 5, 6, 8.

Torq®Set: 4, 5, 8, 10, ¼".
Spanner: 4, 6, 8, 10, 12.
Torx® Tamper Resistant: T6, T7, T8, T9, T10, T15, T20, T25, T27, T30, T40.
Hex Tamper Resistant: 1.5, 2, 2.5, 3, 4, 5, 5.5, 6, 7, 8.
Tri-Wing: No.1, No.2, No.3, No.4, No.5.
¼" square drive x ¼" hex magnetic bit holder - 25mm.
¼" hex x ¼" hex magnetic bit holder - 60mm.
¼" hex x ¼" square drive socket adaptor - 25mm.
¼" hex x ¼" square drive socket adaptor - 50mm.
"Y" Adaptor for cup hook or screw eye.

Dimensions (H x W x D): 123 x 177 x 35mm.

100 PIECES

Case Type	Order Code KEN-573
Moulded	-5211Z

Impact Driver Sets

Industrial quality impact driver with switchable forward and reverse screwdriver rotation. When the impact resistant handle is struck with a hammer the downward force is converted by the impact driver's internal mechanism into a powerful high torque screwdriver rotation action. Ideal for ensuring fasteners are securely tightened and for freeing stuck fasteners.
Hex drive nose pieces can be removed to allow use with ½" square drive impact sockets.

14 Piece Set
To suit 5/16" hex, 3/8" and ½" square drives.
Complete with:
Crosspoint: No.1, 2, 3 and 4.
Flat Bits: 6, 8, 10 and 12mm.
Hex Bits: 4,5, 6 and 8mm.

14 PIECES

Case Type	Order Code KEN-573
Moulded	-7100K

5 Piece Set
To suit 5/16" hex and ½" square drives.
Complete with:
Crosspoint: No.2 and 3.
Flat Bits: 8 and 10mm.

5 PIECES

Order Code KEN-573
-7080K

40 Piece Impact Driver Set
½" square to 5/16" hexagon bit adaptor
½" square to 3/8" hexagon bit adaptor.
80mm x 3/8" Hexagon bits, Hexagon: 8mm, 6mm. **TX**: Tx40, Tx45, Tx50, **Crosspoint**: No.2, No.3, **Slotted**: 8mm and 10mm. **35mm x 3/8" Hexagon bits, Hexagon**: 4mm, 5mm, 6mm, 7mm, 8mm. **TX**: Tx20, Tx25, Tx30, Tx40, Tx45, Tx50. **Crosspoint**: No.1, 2, 3 & 4. **Slotted**: 5mm, 6mm, 8mm, 10mm, 12mm. **30mm x 5/16" Hexagon bits, Hexagon**: 10mm, 12mm, **TX**: Tx55. **Spline**: 5mm, 6mm, 8mm, 10mm, and 12mm.

40 PIECES

Case Type	Order Code KEN-573
Moulded	-7140K

1/4in. Square Drive Magnetic Hexagon Nut Setters, Metric

- Quick change design makes it easy to switch accessories
- magnetic nature allows them to have a positive lock with your tool and the fastener
- For use on hexagon headed screws, bolts and nuts for versatility
- Compatible with impact drills and drivers
- Available in a variety of metric sizes
- Overall length: 65mm

Tip Size	Order Code KEN-573
6mm	-5345V
11mm	-5349Z
12mm	-5350A

KENNEDY PROFESSIONAL

Spark-Resistant Safety Tools

Spark-resistant tools are used to eliminate the chances of accidental fires or explosions in potentially combustible or explosive environments. They resist the sparks that a standard tool could potentially create when striking hard surfaces. The use of spark resistant tools is essential in many industrial applications such as petroleum and chemical manufacturing, spray booth operations, the marine industry, the mining industry, the paper industries, or any location where flammable vapours or combustible residues are present. **Spark-resistant tools must be maintained with special care. Frequent cleaning/re-dressing to remove ferrous particles or contaminants, which may impair the spark-resistant properties, is essential.**

Safe for use in high risk hazardous locations, Ideal for chemical, pharmaceutical, power, oil and gas and fire rescue.

For gases, vapours and mists the zone classifications are:

Zone 0 Be-Cu — An atmosphere where a mixture of air and flammable substances in the form of gas, vapour or mist is present frequently, continuously or for long periods.

Zone 1 Be-Cu Al-Br — An atmosphere where a mixture of air and flammable substances in the form of gas, vapour or mist is likely to occur in normal operation occasionally.

Zone 2 Be-Cu Al-Br — An atmosphere where a mixture of air and flammable substances in the form of gas, vapour or mist is not likely to occur in normal operation but, if it does occur, will persist for only a short period.

For dusts the zone classifications are:

Zone 20 Be-Cu — An atmosphere where a cloud of combustible dust in the air is present frequently, continuously or for long periods.

Zone 21 Be-Cu Al-Br — An atmosphere where a cloud of combustible dust in the air is likely to occur in normal operation occasionally.

Zone 22 Be-Cu Al-Br — An atmosphere where a cloud of combustible dust in the air is not likely to occur in normal operation but, if it does occur, will persist for only a short period.

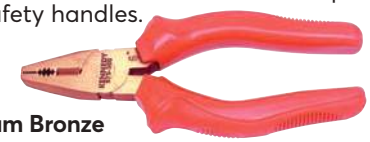
Al-Br **Aluminium Bronze** are manufactured to 20-30HRC and offer a breaking strain of **782 N/m - 989 N/m**.

Be-Cu **Beryllium Copper** are manufactured to 30-40HRC and offer a breaking strain of **1117 N/m - 1236 N/m**.

Linesman Pliers

Al-Br

Serrated jaws for gripping nuts, bolts, studs etc. with side cutter and slip guard safety handles.



Aluminium Bronze

Overall Length	Order Code KEN-575
150mm (6")	-3800K
180mm (7")	-3810K
200mm (8")	-3820K
255mm (10")	-3825K

Beryllium Copper **Be-Cu**

Overall Length	Order Code KEN-575
150mm (6")	-3420K
180mm (7")	-3440K

Groove Joint Pliers

Al-Br

Serrated jaws with sliding pivot joint.

Aluminium Bronze

Overall Length	Maximum Capacity	Order Code KEN-575
150mm	25mm	-3895K
250mm	45mm	-3900K
300mm	55mm	-3902K
350mm	55mm	-3904K

Beryllium Copper **Be-Cu**

Overall Length	Maximum Capacity	Order Code KEN-575
250mm	45mm	-3890K

Long Nose Pliers

Al-Br

With side cutter, serrated jaws and safety grips.

Aluminium Bronze

Overall Length	Order Code KEN-575
200mm (8")	-3880K

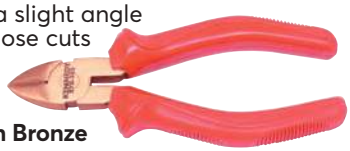
Beryllium Copper **Be-Cu**

Overall Length	Order Code KEN-575
200mm (8")	-3870K

Diagonal Cutting Nippers

Al-Br

Offset at a slight angle to allow close cuts to a flat surface.



Aluminium Bronze

Overall Length	Order Code KEN-575
150mm (6")	-3850K
200mm (8")	-3860K

Beryllium Copper **Be-Cu**

Overall Length	Order Code KEN-575
200mm (8")	-3840K

Adjustable Combination Pliers

Serrated teeth with sliding pivot joint.

Aluminium Bronze **Al-Br**

Overall Length	Order Code KEN-575
150mm (6")	-3935K
200mm (8")	-0825K

Spark Resistant Gas Pliers

Aluminium Bronze

Serrated Teeth.

Al-Br

Overall Length (mm)	Order Code KEN-575
200	-0800K

Spark Resistant Swedish Type Adjustable Wrenchs

Al-Br

Aluminium Bronze

Head Angle	Overall Length (mm)	Capacity (mm)	Order Code KEN-575
Standard	530	50	-1200K
90°	430	38	-1202K

Spark Resistant Chain Pipe Light Duty

Al-Br

Aluminium Bronze

Type	Overall Length (mm)	Capacity (mm)	Order Code KEN-575
Light Duty	600	100	-1210K

KENNEDY PROFESSIONAL Open End Slogging Wrenches.

Be-Cu Al-Br

Aluminium Bronze

Size (mm)	Overall Length	Order Code KEN-575
17	125mm	-6391K
22	135mm	-6396K
24	165mm	-6400K
27	175mm	-6410K
30	185mm	-6420K
32	195mm	-6430K
36	210mm	-6440K
38		-6442K
41	225mm	-6450K
46	240mm	-6460K
50	255mm	-6470K
52		-5475K
55	270mm	-6480K
60	285mm	-6490K
65	305mm	-6500K
70	325mm	-6510K
85	400mm	-6530K
90	445mm	-6535K
95	445mm	-6540K
100	485mm	-6545K
110	513mm	-6550K
120	-	-6555K
140	-	-6560K
150	-	-6565K

Beryllium Copper

Size (mm)	Overall Length	Order Code KEN-575
24	165mm	-6360K
30	185mm	-6364K
36	210mm	-6368K
41	225mm	-6370K
46	240mm	-6372K
50	255mm	-6374K
52	-	-6375K
55	270mm	-6376K
60	285mm	-6378K
65	305mm	-6380K
70	325mm	-6382K
75	375mm	-6383K
80	400mm	-6384K
85	400mm	-6385K
90	445mm	-6386K
95	445mm	-6387K

KENNEDY PROFESSIONAL Ring End Slogging Wrenches

Aluminium Bronze

Be-Cu Al-Br

Size (mm)	Overall Length	Order Code KEN-575
17	145mm	-6592K
19	145mm	-6594K
22	155mm	-6596K
24	140mm	-6600K
27	150mm	-6610K
30	165mm	-6620K
32	180mm	-6630K
34	200mm	-6635K
36	210mm	-6640K
38	215mm	-6645K
41	225mm	-6650K
46	245mm	-6660K
50	255mm	-6670K
55	265mm	-6680K
60	275mm	-6690K
65	290mm	-6700K
70	300mm	-6710K
75	315mm	-6720K
80	342mm	-6725K
85	355mm	-6730K
90	380mm	-6732K
100	410mm	-6736K
105	420mm	-6738K
110	445mm	-6740K
120	480mm	-6742K
130	510mm	-6744K
140	520mm	-6746K
150	565mm	-6748K

Beryllium Copper

Size (mm)	Overall Length	Order Code KEN-575
19	-	-6982K
22	-	-6984K
24	140mm	-6800K
30	165mm	-6820K
34	-	-6986K
38	-	-6988K
55	265mm	-6870K
60	275mm	-6880K
65	290mm	-6890K
70	330mm	-6990K
75	335mm	-6992K
80	365mm	-9750K
100	-	-9760K
85	365mm	-9752K
90	400mm	-9754K
95	400mm	-9756K

Be-Cu Al-Br

Size (inch)	Overall Length	Order Code KEN-575
11/16"	145	-9420K
3/4"	145	-9422K
7/8"	135	-9424K
1"	175	-9426K
1 1/8"	185	-9430K
1 3/16"	185	-9432K
1 1/4"	185	-9434K
1 3/8"	200	-9436K
1 1/2"	215	-9438K
1 5/8"	225	-9440K
1 3/4"	235	-9442K
1 13/16"	235	-9444K
2 1/16"	305	-9448K
2 3/16"	280	-9450K
2 13/64"	275	-9452K
2 5/16"	330	-9454K
2 3/8"	325	-9456K
2 1/2"	310	-9458K
2 9/16"	310	-9460K
2 5/8"	310	-9462K
2 3/4"	330	-9464K
2 15/16"	335	-9466K
3 1/16"	370	-9468K
3 1/8"	400	-9470K
3 3/8"	365	-9472K
3 9/16"	400	-9474K
3 3/4"	400	-9476K
3 15/16	430	-9478K
4 1/8"	430	-9480K

Beryllium Copper

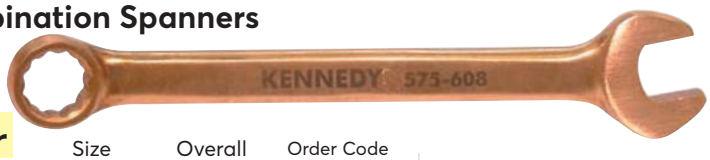
Size (mm)	Overall Length	Order Code KEN-575
30	258mm	-4740K

KENNEDY PROFESSIONAL Single Open End Spanners

Aluminium Bronze

Size (mm)	Overall Length	Order Code KEN-575
10	103mm	-5020K
14	125mm	-5040K
17	143mm	-5060K
19	157mm	-5080K
24	195mm	-5100K
27	221mm	-5120K
30	258mm	-5140K
36	300mm	-5180K

KENNEDY PROFESSIONAL Combination Spanners



Aluminium Bronze

Al-Br

Size (mm)	Overall Length	Order Code KEN-575
6	105mm	-6012K
7	120mm	-6014K
8	125mm	-6020K
9	135mm	-6030K
10	138mm	-6040K
11	141mm	-6060K
12	146mm	-6080K
13	156mm	-6100K
14	168mm	-6120K
15	176mm	-6140K
16	185mm	-6160K
17	197mm	-6180K
18	205mm	-6200K
19	216mm	-6220K
20	230mm	-6230K
21	235mm	-6240K
22	248mm	-6260K
23	265mm	-6270K
24	268mm	-6280K
25	265mm	-6285K
26	290mm	-6290K
27	288mm	-6300K
30	320mm	-6315K
32	330mm	-6320K
34	360mm	-6330K
35	360mm	-6335K
36	345mm	-6340K
38	430mm	-6342K
41	430mm	-6345K
46	480mm	-6348K
50	520mm	-6350K
55	560mm	-6353K
60	595mm	-6356K
65	595mm	-6357K
70	630mm	-6358K
1/4"	105	-5960K
5/16"	120	-5962K
3/8"	135	-5964K
7/16"	150	-5966K
9/16"	175	-5970K
19/32"	195	-5972K
5/8"	195	-5974K
11/16"	195	-5976K
3/4"	215	-5978K
13/16"	230	-5980K
7/8"	245	-5982K
15/16"	265	-5984K
1"	290	-5986K
1 1/8"	320	-5990K
1 3/16"	320	-5992K
1 5/16"	360	-5996K
1 3/8"	360	-5998K

Beryllium Copper

Be-Cu

Size (mm)	Overall Length	Order Code KEN-575
8	125mm	-5620K
9	135mm	-5630K
10	138mm	-5640K
11	141mm	-5660K
12	146mm	-5680K
13	156mm	-5700K
14	168mm	-5720K
15	176mm	-5740K
16	185mm	-5760K
17	197mm	-5780K
18	205mm	-5800K
19	216mm	-5820K
20	230mm	-5830K
21	235mm	-5840K
22	248mm	-5860K
23	265mm	-5870K
24	268mm	-5880K
25	265mm	-5885K
26	290mm	-5890K
27	288mm	-5900K
30	320mm	-5910K
32	330mm	-5920K
34	360mm	-5925K
35	360mm	-5930K
36	345mm	-5940K

KENNEDY PROFESSIONAL

Spark Resistant Sockets

12 point bi-hexagon.

Al-Br

Be-Cu

Aluminium Bronze

Size	Overall Length	Order Code KEN-575
	½" Drive	
8mm	25mm	-7180K
9mm	25mm	-7190K
10mm	40mm	-7220K
12mm	40mm	-7230K
13mm	40mm	-7240K
14mm	40mm	-7260K
15mm	25mm	-7265K
16mm	25mm	-7270K
17mm	40mm	-7280K
19mm	42mm	-7300K
21mm	43mm	-7320K
24mm	43mm	-7340K
26mm	35mm	-7360K
27mm	43mm	-7380K
28mm	40mm	-7385K
29mm	40mm	-7390K
30mm	46mm	-7400K
32mm	46mm	-7420K
	½" Drive AF	
5/16"	25mm	-7540K
3/8"	25mm	-7560K
½"	25mm	-7600K
5/8"	25mm	-7640K
11/16"	25mm	-7650K
3/4"	30mm	-7670K
13/16"	30mm	-7680K
15/16"	35mm	-7700K
1"	35mm	-7710K
1 1/16"	40mm	-7720K
1 1/4"	40mm	-7740K
1 7/16"	50mm	-7760K
	¾" Drive	
19mm	50mm	-8200K
22mm	40mm	-8230K
23mm	40mm	-8235K
26mm	55mm	-8250K
27mm	55mm	-8260K
28mm	40mm	-8265K
29mm	65mm	-8270K
30mm	60mm	-8280K
34mm	60mm	-8320K
36mm	60mm	-8340K
41mm	65mm	-8380K
46mm	65mm	-8400K
50mm	70mm	-8420K
	¾" Drive AF	
3/4"	50mm	-8050K
13/16"	40mm	-8055K
7/8"	40mm	-8060K
15/16"	40mm	-8065K
1"	40mm	-8070K
1 1/8"	55mm	-8080K
1 3/16"	60mm	-8085K
1 1/4"	60mm	-8090K
1 5/16"	60mm	-8095K
1 3/8"	60mm	-8100K
1 7/16"	50mm	-8105K
1 1/2"	60mm	-8110K
1 5/8"	65mm	-8115K
1 3/4"	60mm	-8120K
1 13/16"	65mm	-8125K
1 7/8"	65mm	-8130K
2"	70mm	-8135K

Continued

Size	Overall Length	Order Code KEN-575
	1" Drive	
22mm	50mm	-8620K
24mm	50mm	-8630K
26mm	50mm	-8640K
27mm	50mm	-8650K
28mm	50mm	-8660K
29mm	55mm	-8670K
31mm	60mm	-8690K
32mm	45mm	-8700K
34mm	50mm	-8710K
36mm	50mm	-8720K
38mm	55mm	-8730K
46mm	70mm	-8750K
55mm	80mm	-8770K
60mm	90mm	-8780K
65mm	90mm	-8790K
70mm	100mm	-8800K
75mm	95mm	-8805K
80mm	115mm	-8810K

Beryllium Copper

Size	Overall Length	Order Code KEN-575
10	25mm	-7430K
11	40mm	-7431K
12	40mm	-7432K
13	40mm	-7433K
14	25mm	-7434K
15	40mm	-7435K
16	25mm	-7436K
17	25mm	-7437K
18	25mm	-7438K
19	30mm	-7439K
20	30mm	-7440K
21	30mm	-7441K
23	35mm	-7443K
24	35mm	-7444K
25	35mm	-7445K
26	35mm	-7446K
28	40mm	-7448K
29	40mm	-7449K
30	40mm	-7450K
32	45mm	-7452K

KENNEDY PROFESSIONAL

Impact Sockets

12-point, for additional torque grip.

Al-Br

Aluminium Bronze

Size	Overall Length	Order Code KEN-575
	1" Drive	
24mm	60mm	-8820K
27mm	60mm	-8830K
29mm	60mm	-8840K
34mm	70mm	-8870K
35mm	70mm	-8880K
36mm	70mm	-8890K
38mm	70mm	-8900K

KENNEDY PROFESSIONAL Safety Extensions

Fitted with a spring-loaded ball bearing socket retainer.

Aluminium Bronze — **Al-Br**

Square Drive	Overall Length	Order Code KEN-575
½"	100mm	-7030K
½"	125mm	-7040K
½"	200mm	-7050K
½"	250mm	-7060K
¾"	200mm	-8040K
1"	200mm	-8612K

KENNEDY PROFESSIONAL Sliding T-Handles

The sliding bar gives many options for leverage within a given space. Fitted with a spring-loaded ball bearing socket retainer.

Aluminium Bronze — **Al-Br**

Square Drive	Overall Length	Order Code KEN-575
½"	250mm	-7020K
¾"	360mm	-8048K
¾"	400mm	-8020K
1"	415mm	-8618K

KENNEDY QUALITY INDUSTRIAL TOOLING ½" Sq. Drive T-Handle

Inch - Beryllium Copper — **Al-Br**

Square Drive (Inch)	Overall Length (mm)	Order Code KEN-575
½"	250	-7025K

12 Point Bi-hexagon Sockets - Inch

Scan the QR code

Beryllium Copper — **Be-Cu**

Square Drive	Overall Length	Order Code KEN-575
½"	100mm	-9250K
	125mm	-9252K
	200mm	-9254K
	250mm	-9256K

KENNEDY PROFESSIONAL ½" Square Drive Swivel Handle

The hinged link allows operation at varied angles to aid access in restricted areas. Fitted with a spring loaded ball bearing socket retainer.

Aluminium Bronze — **Al-Br**

Overall Length	Order Code KEN-575
250mm	-7100K

KENNEDY PROFESSIONAL Ratchet Handles

Disc type adjustment with knurled grip and spring loaded ball bearing socket retainer.

Aluminium Bronze — **Al-Br**

Square Drive	Overall Length	Order Code KEN-575
½"	245mm	-7000K
¾"	320mm	-8000K
1"	550mm	-8610K

Beryllium Copper — **Be-Cu**

Square Drive	Overall Length	Order Code KEN-575
½"	245mm	-6960K

KENNEDY PROFESSIONAL Universal Joint

Hinged through 180° in both directions for operation at varying angles. Fitted with a spring-loaded ball bearing socket retainer.

Aluminium Bronze — **Al-Br**

Square Drive	Overall Length	Order Code KEN-575
½"	50mm	-7120K
1"	130mm	-8615K

Beryllium Copper — **Be-Cu**

Square Drive	Overall Length	Order Code KEN-575
½"	90mm	-7122K

KENNEDY PROFESSIONAL Marking Tool

Double-ended spark resistant marking tool.

Aluminium Bronze — Al-Br

Overall Length	Order Code KEN-575
190mm (7½")	-1800K

KENNEDY PROFESSIONAL Chisel Cross

4-point spark resistant chisel with 20mm wide hexagon shaft.

Aluminium Bronze — Al-Br

Size	Overall Length	Order Code KEN-575
7mm	200mm (8")	-2300K

Aluminium Bronze — Al-Br

Size (mm)	Overall Length (mm)	Order Code KEN-575
14	160	-2020K
16	160	-2040K
18	200	-2060K
20	200	-2080K
20	300	-2100K
25	240	-2120K
25	300	-2140K
12	150	-2200K
16	200	-2205K
18	160	-2210K
24	600	-2220K

Beryllium Copper — Be-Cu

Size (mm)	Overall Length (mm)	Order Code KEN-575
14	160	-1860K
16	160	-1880K
18	200	-1900K
20	200	-1920K
20	300	-1940K
25	240	-1960K

KENNEDY PROFESSIONAL Drift Punches

Tapered punch, used for the purpose of aligning holes between two structural members so that they can be fastened or bolted together

Aluminium Bronze — Al-Br

Size	Overall Length	Order Code KEN-575
3mm	160mm (6")	-1600K

Beryllium Copper — Be-Cu

Size	Overall Length	Order Code KEN-575
3mm	160mm (6")	-1560K

KENNEDY QUALITY INDUSTRIAL TOOLING Cylindrical Drifts

Aluminium Bronze — Al-Br

Tip Size	Overall Length (mm)	Shaft Width (mm)	Order Code KEN-575
3mm	110mm	9mm	-9700K
4mm	110mm	10mm	-9701K
6mm	115mm	12mm	-9702K
8mm	120mm	14mm	-9703K
10mm	145mm	16mm	-9704K

KENNEDY PROFESSIONAL Ball Pein Hammers

For use with cold chisels, punches, rivets and for shaping metal. Fine grain hardwood shaft.

Aluminium Bronze — Al-Br

Head Weight	Overall Length (mm)	Order Code KEN-575
½lb	280	-3000K
¾lb	280	-3010K
1lb	310	-3020K
1½lb	340	-3040K
2lb	350	-3060K
2½lb	400	-3065K

Beryllium Copper — Be-Cu

Head Weight	Overall Length (mm)	Order Code KEN-575
1lb	310	-2920K
1½lb	340	-2930K
2lb	350	-2940K

KENNEDY QUALITY INDUSTRIAL TOOLING Spark Resistant Scaling Hammer

Aliminium Bronze

German type.

Al-Br

Head Weight (kg)	Overall Length (mm)	Order Code KEN-575
0.5	310mm	-3080K
1	400mm	-3082K
1.5	400mm	-3084K
2	400mm	-3086K
4	900mm	-3088K

KENNEDY QUALITY INDUSTRIAL TOOLING Sledge Hammers

Spark-resistant sledge hammers with wooden handles.

Aluminium Bronze — Al-Br

Head Size	Length Capacity	Order Code KEN-575
0.45kg	310mm (12")	-3190K
1.0kg	400mm (16")	-3200K
2.0kg	400mm (16")	-3230K
2.5kg	900mm (35")	-3240K
3.0kg	900mm (35")	-3260K
8.0kg	900mm (35")	-3300K

Beryllium Copper — Be-Cu

Head Size	Length Capacity	Order Code KEN-575
0.45kg	310mm (12")	-9062K
1.0kg	400mm (16")	-9064K
2.0kg	400mm (16")	-9068K
2.5kg	900mm (35")	-9070K
5.0kg	900mm (35")	-9074K

KENNEDY PROFESSIONAL Wedges

Aluminium Bronze — Al-Br

Dimensions	Order Code KEN-575
80 x 13 x 6mm	-0500K
135 x 50 x 18mm	-0510K
150 x 40 x 8mm	-0514K
150 x 25 x 8mm	-0517K
150 x 25 x 13mm	-0520K
150 x 50 x 13mm	-0530K
180 x 32 x 13mm	-0540K
180 x 50 x 19mm	-0560K
200 x 20 x 30mm	-0570K
200 x 50 x 13mm	-0580K
200 x 30 x 30mm	-0600K
200 x 40 x 40mm	-0620K
230 x 40 x 20mm	-0630K
250 x 40 x 30mm	-0640K
300 x 50 x 40mm	-0650K

Beryllium Copper — Be-Cu

Dimensions	Order Code KEN-575
80 x 13 x 6mm	-0320K
135 x 50 x 18mm	-0340K
150 x 25 x 13mm	-0360K
180 x 32 x 13mm	-0380K
180 x 50 x 19mm	-0400K
200 x 50 x 13mm	-0420K
200 x 30 x 30mm	-0440K

KENNEDY QUALITY INDUSTRIAL TOOLING Hacksaw Frame

Aluminium Bronze Al-Br Be-Cu

Overall Length (mm)	Blade Length (mm)	Order Code KEN-575
Aluminium Bronze		
500	300	-0010K
Berylium Copper		
500	300	-3690K

KENNEDY QUALITY INDUSTRIAL TOOLING L -Type Socket Wrench

Metric - Aluminium Bronze Al-Br

Size (mm)	Overall Length (mm)	Order Code KEN-575
6	120	-0016K
12	216	-0022K
13	240	-0023K
14	245	-0024K
15	250	-0025K
16	255	-0026K
17	260	-0027K
18	265	-0028K
19	270	-0029K
20	272	-0030K
21	275	-0031K
22	278	-0032K
23	282	-0033K
27	294	-0037K
30	302	-0040K
32	310	-0042K
36	330	-0046K
41	350	-0051K

KENNEDY QUALITY INDUSTRIAL TOOLING F-Type Valve Handle

Aluminium Bronze Al-Br

Opening Width (mm)	Overall Length (mm)	Order Code KEN-575
35	250	-0147K
48	375	-0150K
50	400	-0151K
55	450	-0152K
60	500	-0153K
65	550	-0154K
70	600	-0155K
75	650	-0156K
85	750	-0158K
90	800	-0159K

KENNEDY PROFESSIONAL Screwdrivers

Aluminium Bronze

Tip Type	Size	Blade Length	Order Code KEN-575
CROSSPOINT	No.0	110	-4515K
	No.1	75	-4520K
	No.2	100	-4540K
	No.2	260	-4550K
	No.3	150	-4560K
	No.4	200	-4580K
	No.4	300	-4590K
POSIDRIVE	3.0mm	110	-4010K
	3.0mm	110	-4012K
	4.0mm	155	-4015K
	4.0mm	180	-4016K
	4.5mm	130	-4017K
	5.0mm	180	-4019K
	6.0mm	100	-4020K
	6.0mm	150	-4040K
	7.0mm	270	-4044K
	7.5mm	200	-4060K
	8.0mm	317	-4047K
	9.0mm	250	-4080K
	9.0mm	300	-4100K
	11.0mm	517	-4105K
	12.0mm	530	-4110K
	13.0mm	570	-4115K

Continued Al-Br Be-Cu

Tip Type	Size	Blade Length	Order Code KEN-575
PARALLEL	No.0	135	-4600K
	No.1	155	-4602K
	No.2	195	-4604K
	No.3	260	-4606K
	No.4	330	-4608K

Beryllium Copper

Tip Type	Size	Blade Length	Order Code KEN-575
CROSSPOINT	No.1	75	-4420K
	No.2	100	-4440K
	No.2	210	-3683K
	No.3	150	-4460K
	No.4	200	-4480K
PARALLEL	3.0mm	110	-3670K
	6.0mm	100	-3960K
	6.0mm	150	-3970K
	7.5mm	200	-3980K
	8.0mm	245	-3677K
	9.0mm	250	-3990K
	9.0mm	300	-4000K

KENNEDY QUALITY INDUSTRIAL TOOLING Hex Keys

Al-Br Be-Cu

Aluminium Bronze - Metric

Overall Length (mm)	Blade Length (mm)	Order Code KEN-575
1.5	59	-0160K
2	59	-0180K
3	59	-0200K
4	65	-0202K
5	79	-0204K
6	85	-0206K
7	88	-0208K
8	92	-0210K
9	97	-0212K
10	110	-0214K
11	119	-0216K
12	130	-0218K
13	140	-0220K
14	150	-0222K
16	162	-0224K
17	168	-0226K
18	173	-0228K
19	177	-0230K
22	186	-0232K
24	192	-0236K
27	213	-0238K
32	266	-0240K
36	294	-0242K
41	320	-0244K

Aluminium Bronze - Inch

Size (inch)	Overall Length (mm)	Order Code KEN-575
1/16	59	-0250K
5/64	59	-0252K
3/32	59	-0254K
7/64	59	-0256K
1/8	59	-0258K
9/64	64	-0260K
5/32	65	-0262K
3/16	79	-0264K
7/32	85	-0266K
1/4	85	-0268K
9/32	88	-0270K
5/16	92	-0272K
11/32	97	-0274K
3/8	110	-0276K
7/16	119	-0278K
1/2	140	-0280K
9/16	150	-0282K
5/8	162	-0284K
11/16	168	-0286K
3/4	178	-0288K
13/16	184	-0290K
7/8	187	-0292K
15/16	192	-0294K
1	200	-0296K
1 1/16	210	-0298K
1 1/8	230	-0300K
1 3/16	240	-0302K
1 1/4	260	-0304K
1 7/16	290	-0306K
1 5/8	325	-0308K
Beryllium Copper - Metric		
1.5mm	59	-9280K
2mm	59	-9282K
3mm	59	-9284K
4mm	65	-9286K
5mm	79	-9288K
6mm	85	-9290K
7mm	88	-9292K
8mm	92	-9294K
9mm	97	-9296K
10mm	110	-9298K

KENNEDY PROFESSIONAL

Square Shovel

Spark resistant shovel with square mouth, polypropylene 'YD' handle and wooden shaft.

Aluminium Bronze — Al-Br

Head Size	Overall Length	Order Code KEN-575
235 x 185mm	950mm (37")	-9240K

Wrecking Bars

For general dismantling and stripping applications. V-notch for use on nails.

Aluminium Bronze — Al-Br

Overall Length	Order Code KEN-575
400mm	-2520K

Beryllium Copper — Be-Cu

Overall Length	Order Code KEN-575
400mm	-2400K

Putty Knives

With a chisel point and bi-material handle.

Aluminium Bronze — Al-Br

Blade Length	Blade Width	Overall Length	Order Code KEN-575
100mm (4")	25mm (1")	200mm (8")	-2740K

Beryllium Copper — Be-Cu

Blade Length	Blade Width	Overall Length	Order Code KEN-575
100mm (4")	25mm (1")	200mm (8")	-2760K

Scrapers

Aluminium Bronze — Al-Br

Blade Length	Blade Width	Overall Length	Order Code KEN-575
95mm (3¾")	75mm (3")	200mm (8")	-2860K

Beryllium Copper — Be-Cu

Blade Length	Blade Width	Overall Length	Order Code KEN-575
95mm (3¾")	75mm (3")	200mm (8")	-2880K

Socket Set ½" Square Drive

Sockets: 10, 11, 12, 14, 17, 19, 22, 24, 27, 30 and 32mm.

Accessories: 250mm ratchet wrench, 250mm sliding T-handle, 400mm speed brace, 125 and 250mm socket extensions.

Aluminium Bronze — Al-Br

Number of Pieces	Order Code KEN-575
16	-7500K

Beryllium Copper — Be-Cu

Number of Pieces	Order Code KEN-575
16	-7460K

Pipe Wrenches

Serrated jaws with knurled adjusting nut.

Heavy Duty

Aluminium Bronze — Al-Br

Overall Length	Jaw Capacity	Order Code KEN-575
250mm	30mm	-3580K
300mm	40mm	-3600K
350mm	50mm	-3620K
450mm	60mm	-3640K
600mm	75mm	-3660K

Beryllium Copper — Be-Cu

Overall Length	Jaw Capacity	Order Code KEN-575
250mm	30mm	-3700K
300mm	40mm	-3720K
350mm	50mm	-3740K
450mm	60mm	-3760K
600mm	75mm	-3780K

Adjustable Wrenches

Smooth jaw adjustment with self-locking design which prevents the jaws opening unintentionally under load.

Aluminium Bronze — Al-Br

Overall Length	Opening Capacity	Order Code KEN-575
150mm	18mm	-1060K
200mm	24mm	-1080K
250mm	30mm	-1100K
300mm	36mm	-1120K
380mm	46mm	-1140K
460mm	55mm	-1160K

Beryllium Copper — Be-Cu

Overall Length	Opening Capacity	Order Code KEN-575
150mm	18mm	-0860K
200mm	24mm	-0880K
250mm	30mm	-0900K
300mm	36mm	-0920K
385mm	46mm	-0925K

Socket Set ¾" Square Drive

Sockets: 21, 24, 27, 30, 32, 34, 36, 38, 41, 46 and 50mm.

Accessories: 320mm ratchet wrench, 400mm sliding T-handle, 200mm socket extension.

Aluminium Bronze — Al-Br

Number of Pieces	Order Code KEN-575
14	-8500K

KENNEDY QUALITY INDUSTRIAL TOOLING Open Jaw Spanners

Made from forged and hardened steel. Black oxidised finish. Conform to **DIN 894**.

Single-Ended

Size (mm)	Overall Length	Order Code KEN-580
6	77	-1060K
7	78	-1070K
8	95	-1080K
9	100	-1090K
10	105	-1100K
11	125	-1110K
12	125	-1120K
13	135	-1130K
14	140	-1140K
15	140	-1150K
17	160	-1170K
18	160	-1180K
19	170	-1190K
22	195	-1220K
24	205	-1240K
27	235	-1270K
30	260	-1300K
32	265	-1320K
36	300	-1360K
38	300	-1380K
41	345	-1410K
46	375	-1460K
50	410	-1500K
55	455	-1550K
60	490	-1600K
65	575	-1650K
70	570	-1700K
75	610	-1750K
80	645	-1800K
85	690	-1850K
90	850	-1900K
95	900	-1950K

Double-Ended
Conform to **DIN 895**.

Size (mm)	Overall Length	Order Code KEN-580
6x7	95	-3060K
7x8	108	-3080K
8x9	117	-3100K
8x10	115	-3140K
9x11	122	-3180K
10x11	122	-3200K
10x13	123	-3240K
11x13	140	-3280K
12x13	140	-3300K
12x14	142	-3320K
13x14	142	-3340K
13x15	160	-3360K
13x17	160	-3380K
14x15	160	-3420K
14x17	160	-3460K
16x18	170	-3540K
17x19	170	-3580K
17x 21	193	-3620K
19x22	195	-3700K
19x24	205	-3740K
22x24	220	-3820K
24x27	244	-3900K
24x29	265	-3950K
24x30	265	-4000K
30x32	273	-4100K
30x36	305	-4150K
32x36	305	-4200K
36x41	340	-4250K
41x46	380	-4300K
46x50	420	-4350K
50x55	460	-4400K
55x60	500	-4500K
65x70	580	-4600K
75x80	660	-4700K

KENNEDY QUALITY INDUSTRIAL TOOLING Ring Slogging Spanners

Manufactured from forged and hardened steel with machined drive faces to ensure good contact with the fastener. With flat striking faces to allow hammer blows to be used to loosen or tighten stubborn fasteners. Manufactured to **DIN 7444**.

Size (mm)	Overall Length	Order Code KEN-580
	Metric	
24	165	-7010K
27	180	-7020K
30	190	-7030K
32	190	-7040K
36	205	-7050K
41	230	-7060K
46	240	-7070K
50	225	-7080K
55	270	-7090K
60	280	-7100K
65	300	-7110K
70	330	-7120K
75	330	-7130K
80	360	-7140K
85	360	-7150K
90	390	-7160K
95	420	-7170K
	Inch	
1 1/16"	180	-7500K
1 1/8"	180	-7510K
1 3/16"	190	-7520K
1 1/4"	190	-7530K
1 5/16"	190	-7540K
1 3/8"	205	-7550K
1 7/16"	205	-7560K
1 1/2"	205	-7570K
1 9/16"	230	-7580K
1 5/8"	230	-7590K
1 11/16"	230	-7600K
1 3/4"	240	-7610K
1 13/16"	240	-7620K
1 7/8"	240	-7630K
1 15/16"	225	-7640K
2"	225	-7650K
2 1/16"	225	-7660K
2 1/8"	270	-7670K
2 3/16"	270	-7680K
2 1/4"	270	-7690K
2 5/16"	280	-7700K
2 3/8"	280	-7710K
2 7/16"	280	-7720K
2 1/2"	300	-7730K
2 9/16"	300	-7740K
2 5/8"	300	-7750K
2 3/4"	330	-7760K
2 13/16"	330	-7770K
2 7/8"	330	-7780K
2 15/16"	330	-7790K
3"	330	-7800K
3 1/8"	360	-7810K
3 1/2"	390	-7840K
4 5/8"	450	-7920K

KENNEDY QUALITY INDUSTRIAL TOOLING C-Hook Spanners

Chrome vanadium steel. Specifically designed for use with slotted retaining rings. Conform to **DIN 1810A**.

Range (mm)	Overall Length	Order Code KEN-580
16/20	108	-5160K
25/28	135	-5250K
30/32	170	-5300K
34/36	170	-5340K
40/42	170	-5400K
45/50	205	-5450K
52/55	205	-5520K
58/62	240	-5580K
68/75	240	-5680K
80/90	280	-5800K

KENNEDY QUALITY INDUSTRIAL TOOLING Open Jaw Slogging Spanners

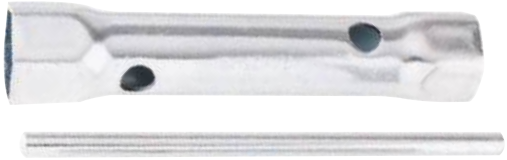
Forged and hardened steel. Flat striking faces to allow hammer blows to be used to loosen or tighten stubborn fasteners. **To DIN 133**.

Size (mm)	Overall Length	Order Code KEN-580
	Metric	
24	180	-6010K
27	180	-6020K
30	190	-6030K
32	190	-6040K
36	215	-6050K
41	235	-6060K
46	225	-6070K
50	275	-6080K
55	300	-6090K
60	320	-6100K
65	340	-6110K
70	375	-6120K
75	375	-6130K
80	410	-6140K
85	410	-6150K
90	445	-6160K
95	445	-6170K
100	485	-6180K
105	485	-6190K
110	510	-6200K
115	510	-6210K
	Inch	
1 1/16"	180	-6500K
1 1/8"	180	-6510K
1 3/16"	190	-6520K
1 1/4"	190	-6530K
1 5/16"	215	-6540K
1 3/8"	215	-6550K
1 7/16"	215	-6560K
1 1/2"	235	-6570K
1 9/16"	235	-6580K
1 5/8"	235	-6590K
1 11/16"	255	-6600K
1 3/4"	225	-6610K
1 13/16"	225	-6620K
1 7/8"	225	-6630K
1 15/16"	275	-6640K
2"	275	-6650K
2 1/16"	275	-6660K
2 1/8"	300	-6670K
2 3/16"	300	-6680K
2 1/4"	300	-6690K
2 5/16"	320	-6700K
2 3/8"	320	-6710K
2 7/16"	320	-6720K
2 1/2"	340	-6730K
2 9/16"	340	-6740K
2 5/8"	340	-6750K
2 3/4"	375	-6760K
2 13/16"	375	-6770K
2 7/8"	375	-6780K
2 15/16"	375	-6790K
3"	375	-6800K
3 1/8" AF	410	-6810K
3 1/2" AF	445	-6840K

BOX SPANNERS / SCAFFOLDING TOOLS

Box Spanners

For use in confined areas where there is not enough space to fit a normal spanner at 90°. Typically used in a car engine to reach down into a spark plug recess or similar. Manufactured from high quality steel tube. Zinc plated for corrosion resistance, each supplied with tommy bar.



Metric

Size	Length (mm)	Order Code KEN-581
6 x 7	102	-1060K
8 x 9	105	-1080K
10 x 11	103	-1100K
12 x 13	102	-1120K
14 x 15	125	-1140K
16 x 17	127	-1160K
18 x 19	130	-1180K
20 x 21	127	-1200K
22 x 23	150	-1220K
24 x 25	150	-1240K
26 x 27	150	-1270K

AF

Size	Length (mm)	Order Code KEN-581
1/4" x 5/16"	103	-1530K
5/16" x 3/8"	100	-1550K
3/8" x 7/16"	100	-1560K
1/2" x 9/16"	125	-1580K
9/16" x 5/8"	127	-1600K
11/16" x 3/4"	125	-1630K

Sets

7 Piece Metric: 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17 and 18 x 19mm.

6 Piece AF: 1/4" x 5/16", 5/16" x 3/8", 3/8" x 7/16", 1/2" x 9/16", 9/16" x 5/8" and 11/16" x 3/4".

6 Piece BA: 0 x 1, 2 x 3, 4 x 5, 6 x 7, 8 x 9, 10BA.

Number of Pieces	Order Code KEN-581
7 Metric	-1450K
6 Inch	-1950K
6 BA	-2350K

Single Ended Swing Over Spanners

Scan the QR code

Double Ended Swing Over Spanner

Scan the QR code

Reversible Ratchet Podger Spanners

Chrome vanadium steel. Suitable for heavy duty construction applications. Ratchet action for use in confined spaces. Reversible head has two internal bi-hexagon sizes.

Size	Order Code KEN-580
13 & 17mm	-8430K
17 & 19mm	-8450K
19 & 24mm	-8460K
24 & 27mm	-8470K
27 & 30mm	-8480K
30 & 32mm	-8490K

Open End Podger Spanners

Designed to engage the nut from the side. Engages on two faces.

Size	Overall Length	Order Code KEN-580
17mm	220	-8510K
19mm	240	-8520K
24mm	280	-8530K
27mm	300	-8540K
30mm	320	-8550K
32mm	340	-8560K
36mm	355	-8570K
46mm	390	-8590K

Ring End Podger Spanners

Cranked handle assists with location of spanner on to fixings within a recess.

Size	Overall Length	Order Code KEN-580
17mm	275	-8710K
19mm	305	-8720K
24mm	345	-8730K
27mm	365	-8740K
30mm	400	-8750K
32mm	425	-8760K
36mm	460	-8770K
46mm	505	-8790K

Podger Hammer

Manufactured from a one piece forging. Features a hammer end and cranked round taper podger end used to line up holes and manipulate fixings.

Order Code KEN-580
-9100K

Overall length: 275mm.
Bar diameter: 15mm.
Head diameter: 35mm.
Head length: 45mm.

Scaffold Key

Manufactured with a hook end and cranked taper square podger end for aligning and tightening eyebolts, jacking collars and loop fixings, both ends are hardened and tempered to improve tool life.

Order Code KEN-580
-9070K

Overall length: 305mm.
Bar diameter: 15mm.
Head width: 20mm.

16mm Spigot End Fittings
Open End

Size	Weight each	Order Code KEN-581
16mm Bore - Metric		
8mm	100g	-2810K
10mm	110g	-2820K
12mm	110g	-2840K
13mm	110g	-2850K
14mm	120g	-2860K
15mm	120g	-2870K
16mm	140g	-2880K
17mm	140g	-2890K
18mm	140g	-2900K
19mm	160g	-2910K
21mm	160g	-2930K
22mm	220g	-2940K
23mm	220g	-2950K
24mm	220g	-2960K
25mm	220g	-2970K
26mm	220g	-2980K
27mm	240g	-2990K
30mm	240g	-3000K
32mm	240g	-3010K
16mm Bore AF (Inch)		
3/8"	100g	-3500K
7/16"	110g	-3510K
1/2"	120g	-3520K
9/16"	120g	-3530K
5/8"	140g	-3540K
11/16"	140g	-3550K
3/4"	160g	-3560K
13/16"	220g	-3570K
7/8"	220g	-3580K
15/16"	220g	-3590K
1"	220g	-3600K
1 1/16"	240g	-3610K
1 1/8"	240g	-3620K
1 3/16"	240g	-3630K
1 1/4"	240g	-3640K

16mm Spigot End Fittings
Ring End

Size	Weight each	Order Code KEN-581
16mm Bore - Metric		
8mm	100g	-4300K
10mm	100g	-4310K
11mm	100g	-4320K
12mm	100g	-4330K
13mm	110g	-4340K
14mm	110g	-4350K
15mm	120g	-4360K
16mm	120g	-4370K
17mm	120g	-4380K
18mm	120g	-4390K
19mm	130g	-4400K
21mm	130g	-4410K
22mm	170g	-4420K
24mm	160g	-4430K
27mm	150g	-4440K

16mm Spigot Drives

Reversible Ratchet Head

Push-Through Ratchet Head

Square Drive	Weight each	Order Code KEN-581
Reversible Ratchet Head		
3/8"	190g	-5550K
Push-Through Square Drive Head		
1/2"	290g	-5900K

22mm Spigot End Fittings
Open End

Size	Weight each	Order Code KEN-581
22mm Bore - Metric		
30mm	360g	-4000K
32mm	370g	-4010K
36mm	390g	-4020K
41mm	530g	-4030K
46mm	530g	-4040K

22mm Spigot End Fittings
Ring End

Size	Weight each	Order Code KEN-581
22mm Bore - Metric		
22mm	310g	-5000K
24mm	320g	-5010K
27mm	330g	-5020K
30mm	350g	-5030K
36mm	400g	-5050K
41mm	560g	-5060K
46mm	490g	-5070K

SPANNERS - COMBINATION

YAMOTO Industrial Combination Spanners

Made from fully polished chrome vanadium steel with a 15offset. Conform to **DIN 3113.**

Sets

14 piece Metric:
6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19mm

25 piece Metric:
6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30 and 32mm

Number of Peices	Order Code YMT-582
14	**-4951R**
25	**-4951S**

SENATOR QUALITY TOOLING Combination Spanners

Manufactured from forged chrome vanadium steel with satin finish and 15° cranked heads. Conform to **DIN 3113.**

Size (mm)	Overall Length	Weight each	Order Code SEN-582
6	100	14g	**-5201A**
7	110	18g	**-5201B**
8	120	24g	**-5201C**
9	130	32g	**-5201D**
10	141	42g	**-5201E**
11	150	54g	**-5201F**
12	160	62g	**-5201G**
13	170	72g	**-5201H**
14	181	84g	**-5201J**
15	191	90g	**-5201K**
16	201	114g	**-5201L**
17	211	130g	**-5201M**
18	220	146g	**-5201N**
19	230	170g	**-5201P**
20	242	188g	**-5201Q**

Size (mm)	Overall Length	Weight each	Order Code SEN-582
21	250	224g	**-5201R**
22	261	240g	**-5201S**
24	282	312g	**-5201V**
25	290	340g	**-5201W**
26	301	358g	**-5201X**
27	310	410g	**-5201Y**
28	320	436g	**-5201Z**
30	340	496g	**-5202A**
32	360	538g	**-5202B**
36	400	906g	**-5227D**
38	402	976g	**-5228E**
41	439	1123g	**-5229F**
46	490	1722g	**-5230G**
50	530	2063g	**-5231H**

14 Piece Set (-5202C): 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19mm.

25 Piece Set (-5202D): 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30 and 32mm

14 Piece Set (-5248F): 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22 and 24mm

11 Piece Set (-5247D): 8, 9, 10, 11, 12, 13, 14, 17, 19, 22, and 24mm

14 Piece Set (-5251E): 8, 9, 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30 and 32mm

Number of Pieces	Order Code SEN-582
14 Metric	**-5202C**
25 Metric	**-5202D**
14 Metric	**-5248F**
11 Metric	**-5247D**
14 Metric	**-5251E**

Double End Ring Spanners

Scan the QR code

Single End Combination Spanners

Scan the QR code

KENNEDY QUALITY INDUSTRIAL TOOLING Industrial Combination Spanners

Manufactured from chrome vanadium steel with a satin finish body and highly polished heads. 15° open jaw angle to shank and ring end offset. Conform to: 5.5mm - 25mm, 1/4" - 1" AF - **DIN 3113**. 26mm - 95mm, 1 1/16" - 2"AF - **ASME B107.6**. 1/8" - 1/2" Whitworth - **DIN 3113 & BS192:1982**. 9/16" - 7/8" Whitworth - **ASME B107.6 & BS192:1982**.

Metric

Size (mm)	Overall Length	Order Code KEN-582
5.5	93	-2560K
6	100	-2570K
7	110	-2580K
8	120	-2590K
9	130	-2600K
10	140	-2610K
11	150	-2630K
12	160	-2640K
13	170	-2660K
14	180	-2670K
15	190	-2680K
16	200	-2690K
17	210	-2700K
18	220	-2710K
19	230	-2720K
20	240	-2730K
21	250	-2740K
22	260	-2750K
23	260	-2760K
24	280	-2770K
25	295	-2780K
26	295	-2790K
27	310	-2800K
28	340	-2810K
29	340	-2850K
30	340	-2820K
32	360	-2830K
36	410	-2840K
38	430	-2860K
41	460	-2870K
46	500	-2880K
50	540	-2890K
55	560	-2891K
60	600	-2892K
65	675	-2893K
70	675	-2894K
75	720	-2895K
80	720	-2896K
85	730	-2897K
90	730	-2898K
95	750	-2899K

Manufactured from chrome vanadium steel **(except * which is made from drop forged carbon steel)** with a satin finish body and highly polished heads.

AF

Size (AF)	Overall Length	Order Code KEN-582
1/4"	100	-2260K
5/16"	120	-2270K
3/8"	140	-2280K
7/16"	150	-2290K
1/2"	170	-2300K
9/16"	180	-2310K
5/8"	200	-2320K
11/16"	210	-2340K
3/4"	230	-2350K
7/8"	260	-2360K
13/16"	250	-2370K
15/16"	280	-2380K
1"	295	-2390K
1 1/16"*	358	-2400K
1 1/8"*	380	-2410K
1 1/4"*	418	-2420K
1 5/16"*	461	-2430K
1 3/8"*	461	-2440K
1 7/16"*	486	-2450K
1 1/2"*	486	-2460K
1 5/8"*	540	-2470K
1 3/4"*	611	-2480K
1 7/8"*	611	-2490K
2"*	611	-2500K

Sets

Number of Pieces	Order Code KEN-582
11 Metric	-2980K
14 Metric	-2900K
14* Metric	-2960K
18 Metric	-2970K
26 Metric	-2910K
9 AF	-2920K
11 AF	-2940K
12 AF	-2930K
7 Whitworth	-2950K

Sets:

11 Piece: 26, 27, 28, 29, 30, 32, 36, 38, 41, 46 and 50mm

14 Piece: 6, 8, 9, 10, 13, 14, 15, 17, 19, 22, 24, 27, 30 and 32mm.

14* Piece: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19mm.

18 Piece: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 and 24mm.

26 Piece: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 and 32mm.

9 Piece AF: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16" and 3/4"

11 Piece AF: *1 1/16", *1 1/8", *1 1/4", *1 5/16", *1 3/8", *1 7/16", *1 1/2", *1 5/8", *1 3/4", *1 7/8" and *2".

12 Piece AF: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 7/8", 15/16" and 1".

7 Piece Whitworth: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16" and 1/2".

KENNEDY QUALITY INDUSTRIAL TOOLING Industrial Offset Combination Spanners

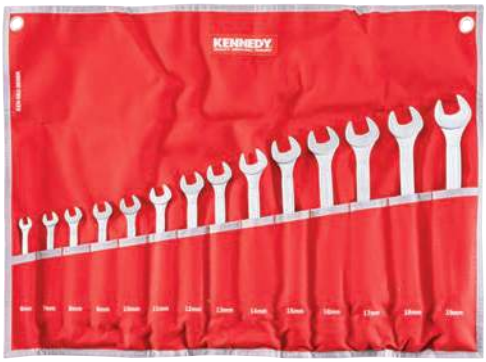
Chrome vanadium steel. 15° cranked open end. Offset ring end. Up to 25% longer than conventional **DIN 3113** combination spanners. Conform to **DIN 3113B**.

Metric

Size (mm)	Overall Length	Order Code KEN-582
6	127	-3880K
7	135	-3881K
8	145	-3882K
9	155	-3883K
10	167	-3884K
11	173	-3885K
12	180	-3886K
13	195	-3887K
14	210	-3888K
15	215	-3889K
16	230	-3890K
17	240	-3891K
18	255	-3892K
19	265	-3893K
21	280	-3894K
22	300	-3895K
24	320	-3896K
27	340	-3897K
30	360	-3878K
32	380	-3879K

Set

14 Piece Metric: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, and 19mm.



14 PIECES

Size Range	Order Code KEN-582
6-19mm	-3898K

KENNEDY PROFESSIONAL Professional Combination Spanners

Manufactured from chrome vanadium steel. Highly polished mirror finish prevents oil and dirt from adhering to the spanner making for easier cleaning and preventing rust. Long reach, wall drive. Conforms with **ANSE B107.6.**
Chrome plated finish to prevent corrosion. Ring head angle - 15°

Metric

Size (mm)	Overall Length	Weight each	Order Code KEN-582
6	130	26g	**-3060K**
7	136	30g	**-3070K**
8	148	35g	**-3080K**
9	167	53g	**-3090K**
10	172	57g	**-3100K**
11	186	70g	**-3110K**
12	197	80g	**-3120K**
13	207	88g	**-3130K**
14	223	119g	**-3140K**
15	233	133g	**-3150K**
16	243	145g	**-3160K**
17	261	179g	**-3170K**
18	270	199g	**-3180K**
19	280	220g	**-3190K**
20	290	323g	**-3200K**
21	301	323g	**-3210K**
22	318	361g	**-3220K**
23	325	400g	**-3225K**
24	338	443g	**-3230K**
25	350	540g	**-3231K**
26	350	525g	**-3232K**
27	370	610g	**-3233K**
28	370	585g	**-3234K**
29	400	715g	**-3235K**
30	400	735g	**-3236K**
32	430	915g	**-3237K**

AF

Size (AF)	Overall Length	Weight each	Order Code KEN-582
11/32"	143	32g	**-3239K**
1/4"	130	26g	**-3240K**
5/16"	148	35g	**-3250K**
3/8"	167	53g	**-3260K**
7/16"	186	70g	**-3270K**
1/2"	207	88g	**-3280K**
9/16"	223	119g	**-3290K**
5/8"	243	145g	**-3300K**
11/16"	261	179g	**-3310K**
3/4"	280	220g	**-3320K**
13/16"	297	296g	**-3330K**
7/8"	320	350g	**-3340K**
15/16"	340	435g	**-3350K**
1"	355	510g	**-3360K**

Sets

14 Piece Metric: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19mm.

14* Piece Metric: 6, 8, 9, 10, 13, 14, 15, 17, 19, 22, 24, 27, 30 and 32mm.

18 Piece Metric: 6, 7, 8, 9, 10, 11, 12, 13, 14,15, 16, 17, 18, 19, 20, 21, 22, and 24mm.

26 Piece Metric: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 and 32mm.

9 Piece AF: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16" and 3/4".

13 Piece AF: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16" & 1".

Number of Pieces	Order Code KEN-582
14 Metric	**-3960K**
14* Metric	**-3972K**
18 Metric	**-3970K**
26 Metric	**-3974K**
9 AF	**-3920K**
13 AF	**-3930K**

KENNEDY PROFESSIONAL Short Arm Combination Spanners

Manufactured from quality chrome vanadium steel with hardened jaws and high polish mirror finish, corrosion-resistant and easy to clean. The jaws and ring are offset at 15° for easier location and application of torque to the fastener. Suitable for use in areas of very restricted access. Conforms to **ASME B107.6**.

Metric

Size (mm)	Overall Length	Order Code KEN-582
10	97	**-2200K**
11	100	**-2202K**
12	105	**-2204K**
13	110	**-2206K**
14	114	**-2208K**
15	119	**-2210K**
16	124	**-2212K**
17	130	**-2214K**
18	133	**-2216K**
19	140	**-2218K**

Set

9 Piece Metric: 10, 11, 12, 13, 14, 15, 16, 17 and 19mm.

10 PIECES

Weight each	Order Code KEN-582
840g	**-2225K**

Imperial Combination Spanners

Scan the QR code

KENNEDY PROFESSIONAL Professional Ratchet Combination Spanners

Wall Drive

Chrome vanadium steel with mirror polish finish, preventing oil and dirt from adhering to the spanner, making for easier cleaning and preventing rust. 72-teeth ratcheting system which needs only 5° movement to operate ratchet. Thin wall design for greater access. Conform to **ASME B107.6**.

Metric

Size (mm)	Overall Length	Weight each	Order Code KEN-582
8	135	38g	**-2158K**
10	155	65g	**-2160K**
11	160	75g	**-2162K**
12	172	85g	**-2164K**
13	180	95g	**-2166K**
14	190	115g	**-2168K**
15	200	135g	**-2170K**
16	215	155g	**-2172K**
17	230	200g	**-2174K**
18	240	210g	**-2175K**
19	245	235g	**-2176K**
21	285	350g	**-2177K**
22	285	340g	**-2178K**
24	325	475g	**-2179K**
25	325	480g	**-2252K**
26	325	465g	**-2253K**
27	355	600g	**-2254K**
28	360	600g	**-2255K**
30	420	918g	**-2257K**
32	425	880g	**-2259K**

AF

Size (AF)	Overall Length	Weight each	Order Code KEN-582
3/8"	160	60g	**-2144K**
7/16"	168	70g	**-2146K**
1/2"	179	90g	**-2148K**
9/16"	198	115g	**-2150K**
5/8"	214	150g	**-2152K**
11/16"	232	185g	**-2154K**
3/4"	250	225g	**-2156K**

Set

9 Piece Metric: 10, 11, 12, 13, 14, 15, 16, 17 and 19mm.

7 Piece AF: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16" and 3/4".

Number of Pcs	Weight each	Order Code KEN-582
9 Metric	2560g	**-3990K**
7 AF	2150g	**-2230K**

KENNEDY PROFESSIONAL Ratchet Combination Spanner Set with Sockets

Quattro 4-in-1 - Q23M: This wrench set for 10 to 19mm applications comprises open ended wrenches, ratchet ring wrenches, Go-Thru™ single hex ratchet wrenches and 1/4", 3/8" and 1/2" square drive ratchets. All are made from chrome vanadium and are fully plated with a mirror finish. Supplied in a heavy duty fitted metal storage case with locking lid and carry handle.

Wall Drive

23 PIECES

Ratchet Combination Spanner Set with Sockets

Weight each	Order Code KEN-582
3.00kg	**-3980K**

Square Drive Adaptors

Size	Order Code KEN-582
3/8" SD (x13mm hex)	**-5195K**
1/2" SD (x19mm hex)	**-6705K**

Quattro 4-in-1

Ratchet Ring Spanner

Ratchet for use with Go-Thru™ Sockets (supplied)

Open ended spanner

Square Drive Ratchet for use with standard Sockets

Go-Thru™ Sockets

Size	Order Code KEN-582
11mm	**-3741K**
12mm	**-3742K**
13mm	**-3743K**
14mm	**-3744K**
15mm	**-3745K**
16mm	**-3746K**
17mm	**-3747K**
18mm	**-3748K**
19mm	**-3749K**

KENNEDY PROFESSIONAL Metric Combination Double Ratchet Spanners

Available in a range of sizes (8mm-19mm), these combination spanners are made of chrome vanadium steel and have an innovative ratcheting open-end design. The 72-teeth ratcheting system needs only 5° movement to operate ratchet and the spanners. Ideal for use in confined spaces. The chrome plated mirror finish prevents oil and dirt from adhering to the tool, making it easier to clean and preventing rust. Conformance to **ASME B107.100-2010**.

Size mm	Overall Length mm	Order Code KEN-582
8	140	**-8850K**
10	160	**-8851K**
11	165	**-8852K**
12	170	**-8853K**
13	180	**-8854K**
14	190	**-8855K**
15	200	**-8856K**
16	205	**-8857K**
17	230	**-8858K**
18	235	**-8859K**
19	250	**-8860K**

Set

8 Piece Metric: 8, 10, 12, 13, 14, 15, 17 and 19mm.

8 PIECES

Pieces	Order Code KEN-582
8	**-8864K**

SPANNERS - COMBINATION

KENNEDY PROFESSIONAL Short Arm Ratchet Combination Spanners

Manufactured from quality chrome vanadium steel with hardened jaws and high polish mirror finish, corrosion resistant and easy to clean. Conforms to **ANSI 8107.6**.

Metric

Size (mm)	Overall Length	Weight each	Order Code KEN-582
10	95	40g	**-2188K**
11	100	50g	**-2189K**
12	103	55g	**-2190K**
13	106	60g	**-2191K**
14	114	75g	**-2192K**
15	117	90g	**-2193K**
16	120	100g	**-2194K**
17	127	120g	**-2195K**
19	138	155g	**-2197K**

AF

Size Inch	Overall Length	Weight each	Order Code KEN-582
3/8"	97mm	45g	**-2180K**
7/16"	113mm	85g	**-2181K**
1/2"	108mm	70g	**-2182K**
9/16"	114mm	85g	**-2183K**
5/8"	120mm	110g	**-2184K**
11/16"	127mm	120g	**-2185K**

Sets
9 Piece Metric:
10, 11, 12, 13, 14, 15, 16, 17 and 19mm.
7 Piece AF:
3/8", 7/16", 1/2", 9/16", 5/8", 11/16" and 3/4".

Number of Pieces	Weight each	Order Code KEN-582
9 Metric	1880g	**-2236K**
7 AF	770g	**-2228K**

KENNEDY PROFESSIONAL Professional Reversible Combination Spanners

Bi-hexagonal 15° offset rings with a 72 teeth lever ratcheting system that requires only 5 degree movement to operate, making them ideal for use in tight areas. Made from high quality Chrome Vanadium Steel with mirror polish finish to prevent oil and dirt from adhering to the spanner. Conform to **ASME B107.6**.

'Flush' fitted reversible switch enables the wrench to move in either direction without sacrificing the overall compact surface of the box end.

Metric

Size (mm)	Overall Length	Order Code KEN-582
8	135	**-6808K**
10	155	**-6810K**
11	160	**-6811K**
12	172	**-6812K**
13	180	**-6813K**
14	190	**-6814K**
15	200	**-6815K**
16	215	**-6816K**
17	230	**-6817K**
18	240	**-6818K**
19	245	**-6819K**
21	285	**-6821K**
22	285	**-6822K**
24	325	**-6824K**
27	335	**-6827K**
30	360	**-6830K**
32	410	**-6832K**

Set
9 Piece Metric:
10, 11, 12, 13, 14, 15, 16, 17 and 19mm.

Number of Pieces	Order Code KEN-582
9 Metric	**-6796K**

KENNEDY PROFESSIONAL Professional Flex-Head Ratchet Combination Spanners

Chrome vanadium steel with mirror polish finish, preventing oil and dirt from adhering to the spanner, making for easier cleaning and preventing rust. 72-teeth ratcheting system which needs only 5° movement to operate ratchet. Thin wall design for greater access. Head flexes up to 90° in either direction. Conform to **ASME B107.6**.

Set (right) contains spanners and ratchet units which combine to make a set of square drive ratchets for use with standard sockets (supplied separately)

Metric Ratchet Combination Spanners

Size (mm)	Overall Length	Order Code KEN-582
10	160mm	**-2240K**
11	168mm	**-2241K**
12	179mm	**-2242K**
13	180mm	**-2243K**
14	192mm	**-2244K**
15	200mm	**-2245K**
16	215mm	**-2246K**
17	233mm	**-2247K**
18	237mm	**-2248K**
19	249mm	**-2249K**

KENNEDY PROFESSIONAL Flex-Head Ratchet Combination Spanner Set With Adaptors

Contains:
Flex head ratchet combination spanners: 10, 11, 12, 13, 14, 15, 16, 17 and 19mm.
Quick release square drive adaptors - 1/4" SD (x10mm hex); 3/8" SD (x13mm hex); 1/2" SD (x19mm hex).
Supplied in a heavy duty fitted storage case.

Number of Pieces	Order Code KEN-582
10 Metric	**-2250K**

KENNEDY QUALITY INDUSTRIAL TOOLING Reversible Ratchet Ring Wrenches

For use where access is limited. With a built-in ratchet mechanism to provide speed and a reversible action which can be achieved by depressing the reversing lever or by simply turning the wrench over. All ratcheting ring wrenches are manufactured from chrome vanadium steel with bi-hex rings.

Straight

Metric *Single hexagon

Size (mm)	Overall Length	Weight each	Order Code KEN-582
6* x 7*	115	65g	**-9720K**
8 x 9	135	80g	**-9721K**
10 x 11	140	90g	**-9722K**
12 x 13	175	170g	**-9723K**
14 x 15	210	270g	**-9724K**
17 x 19	210	260g	**-9725K**
21 x 22	240	305g	**-9726K**

AF

Size (AF)	Weight each	Order Code KEN-582
1/4"* x 5/16"	60g	**-9732K**
3/8" x 7/16"	90g	**-9733K**
1/2" x 9/16"	160g	**-9734K**
5/8" x 11/16"	270g	**-9735K**
3/4" x 7/8"	305g	**-9736K**

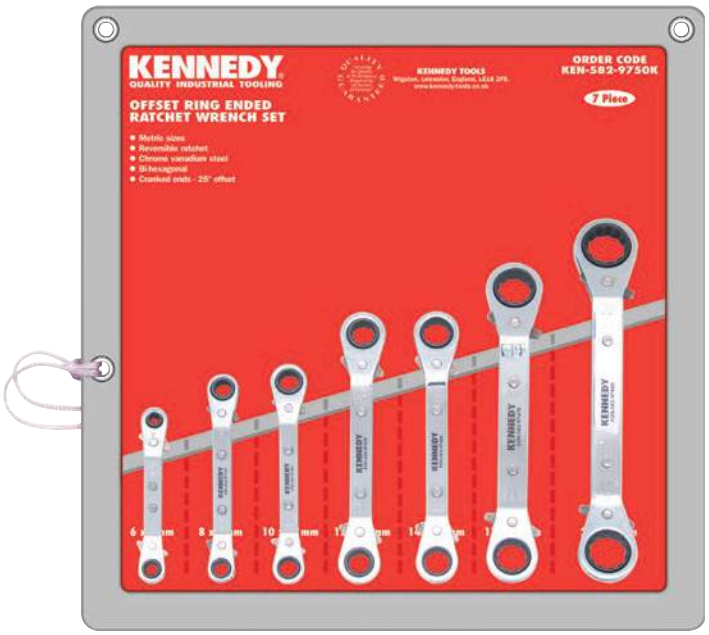
Sets

7 Piece Metric: 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 17 x 19 and 21 x 22mm

Number of Pieces	Weight each	Order Code KEN-582
7 Metric	1300g	**-9730K**

25° Offset

Sets Contents:
7 Piece Metric:
6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 17 x 19 and 21 x 22mm.



Metric *Single hexagon

Size (mm)	Overall Length	Weight each	Order Code KEN-582
6* x 7*	115	65g	**-9742K**
8 x 9	135	80g	**-9743K**
10 x 11	140	90g	**-9744K**
12 x 13	175	165g	**-9745K**
14 x 15	210	260g	**-9746K**
17 x 19	205	250g	**-9747K**
21 x 22	235	310g	**-9748K**

AF

Size (AF)	Weight each	Order Code KEN-582
1/4"* x 5/16"	60g	**-9752K**
3/8" x 7/16"	90g	**-9753K**
1/2" x 9/16"	170g	**-9754K**
5/8" x 11/16"	265g	**-9755K**
3/4" x 7/8"	300g	**-9756K**

Number of Pieces	Weight each	Order Code KEN-582
7 Metric	1280g	**-9750K**

KENNEDY PROFESSIONAL 12-In-1 Reversible Ratchet Spanners

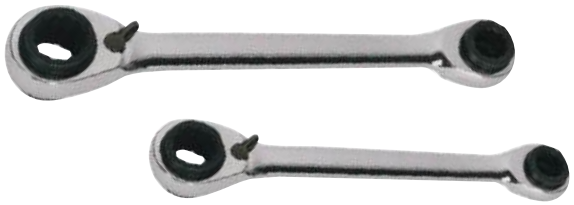
Double ended ratchet spanners with 12 sizes each. These spanners fit mm, inch and E-TORX fasteners saving space and weight in the toolbox. The 72 teeth lever ratcheting system requires only 5 degree movement to operate making them ideal for use in tight areas. Made from high quality chrome vanadium steel with mirror polish finish to prevent oil and dirt from adhering to the spanner.

Sizes (Per Spanner):
8, 10, 11 & 13mm/5/16" 3/8" 7/16" & 1/2"/E10, E12, E14 & E16
14, 16, 17 & 19mm/9/16" 5/8" 11/16" 3/4"/E18, E20, E22 & E24

Metric

Size Range (mm)	Overall Length	Order Code KEN-582
8 - 13	160	-6862K
14 - 19	230	-6864K

2 Piece Set: One of each as left



Number of Pieces	Order Code KEN-582
2 Pieces	-6870K

KENNEDY PROFESSIONAL 4-In-1 Reversible Ratchet Spanners

Double ended ratchet spanners with 4 sizes each, saving space and weight in the toolbox. 72 teeth lever ratcheting system that requires only 5° movement to operate, making them ideal for use in tight areas. Made from high quality chrome vanadium steel with mirror polish finish to prevent oil and dirt from adhering to the spanner.

'Flush' fitted reversible switch enables the wrench to move in either direction without sacrificing the overall compact surface of the box end.

Metric

Size Range (mm)	Overall Length	Order Code KEN-582
8 - 13mm	160	-6852K
9 - 15mm	180	-6854K
16 - 19mm	230	-6856K

KENNEDY PROFESSIONAL Ratcheting Ring Spanner Set

Metric Ratcheting box wrenches supplied in a belt wearable pouch. Made from high performance alloy steel, with quick change switch for right and left direction, 5° action angle and 2 points Dynamic Drive Profile. Chrome plated matt finish with anti-rust protection.
This ratchet spanner set has four sizes in each spanner

3 Piece Set
Sizes (per spanner):
8, 10, 12 & 13mm.
9, 11, 14 & 15mm.
16, 17, 18 & 19mm.

3 Piece Set
The most commonly used 12 sizes in just three spanners, 8 - 19mm.
Supplied with storage roll.

3 PIECES

Size Range (mm)	Order Code KEN-582
8-19mm	-6860K

SENATOR QUALITY TOOLING Chrome Vanadium Ring Spanner

These high-quality combination spanners are forged from durable vanadium steel with a satin finish, ensuring long-lasting performance. Double-ended with a bi-hexagon ring, both ends are offset at a 15° angle for easy access to nuts and bolts. Fully hardened and tempered, they are built to withstand demanding tasks in DIY, engineering, construction, and automotive work.

Metric

Size (mm)	Order Code SEN-582
6 x 7	-8525B
8 x 9	-8525C
10 x 11	-8525D
12 x 13	-8525E
14 x 15	-8525F
16 x 17	-8525G
17 x 19	-8525H
18 x 19	-8525J
20 x 22	-8525K
21 x 23	-8525L
24 x 27	-8525M
30 x 32	-8525N

SENATOR QUALITY TOOLING Ring Spanner Set

Made from Chrome Vanadium Steel

11 PIECES

Number of Pieces	Size Range	Order Code SEN-582
11	6-32mm	-3330U
8	6-22mm	-3330V

KENNEDY QUALITY INDUSTRIAL TOOLING Industrial Open Ended Spanners

Chrome vanadium steel (except * which are made from drop forged carbon steel) with a satin finish body and highly polished heads, with a 15° offset.
DIN 3110: 4 x 5mm to 32 x 36mm, 1/4" x 5/16" to 1 5/16" x 1 5/8" AF.
ASME B107.39: 36 x 41mm to 46 x 50mm, 1 7/16" x 1 5/8" to 1 13/16" x 2" AF.
DIN 3110 & BS192:1982: 1/8" x 3/16" to 1" x 1 1/8" Whitworth.

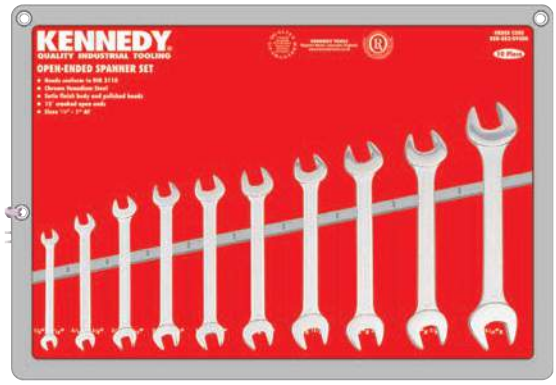
Metric

Size (mm)	Overall Length	Order Code KEN-582
4 x 5	103	-0530K
5 x 5.5	103	-0540K
5.5 x 7	122	-0550K
6 x 7	122	-0570K
7 x 8	122	-0580K
8 x 9	140	-0590K
8 x 10	140	-0600K
10 x 11	156	-0610K
10 x 12	156	-0612K
10 x 13	172	-0620K
11 x 13	172	-0630K
12 x 13	172	-0640K
12 x 14	172	-0644K
13 x 15	186	-0650K
13 x 17	188	-0660K
14 x 15	188	-0670K
14 x 17	188	-0677K
16 x 17	204	-0680K
17 x 19	220	-0690K
18 x 19	220	-0700K
19 x 21	234	-0709K
19 x 22	234	-0710K
19 x 24	234	-0720K
20 x 22	234	-0730K
21 x 23	247	-0740K
22 x 24	247	-0750K
24 x 26	266	-0760K
24 x 27	266	-0770K
24 x 30	285	-0780K
25 x 28	285	-0790K
30 x 32	302	-0810K
27 x 30	302	-0820K
27 x 32	302	-0830K
30 x 36	319	-0840K
32 x 36	319	-0850K
*36 x 41	434	-0860K
*41 x 46	465	-0870K
*46 x 50	495	-0880K

AF

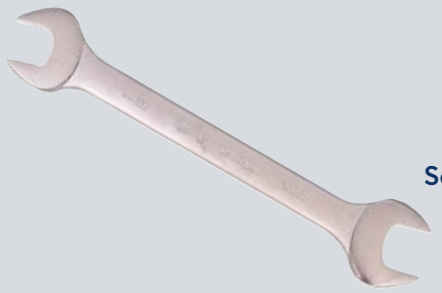
Size AF	Order Code KEN-582
1/4" x 5/16"	-0260K
5/16" x 3/8"	-0270K
3/8" x 7/16"	-0280K
7/16" x 1/2"	-0290K
1/2" x 9/16"	-0300K
9/16" x 5/8"	-0310K
5/8" x 11/16"	-0320K
5/8" x 3/4"	-0330K
11/16" x 3/4"	-0340K
3/4" x 7/8"	-0350K
13/16" x 7/8"	-0360K
7/8" x 15/16"	-0370K
15/16" x 1"	-0380K
1" x 1 1/8"	-0400K
1 1/16" x 1 1/4"	-0410K
1 1/8" x 1 5/16"	-0420K
1 3/16" x 1 5/16"	-0430K
1 1/4" x 1 3/8"	-0450K
1 5/16" x 1 1/2"	-0460K
*1 7/16" x 1 5/8"	-0470K
*1 1/2" x 1 5/8"	-0480K
*1 11/16" x 1 7/8"	-0490K
*1 13/16" x 2"	-0510K

Sets:
7 Piece Metric: 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17 and 18 x 19mm.
8 Piece Metric: 24 x 26, 25 x 28, 27 x 30, 27 x 32, 32 x 36, *36 x 41, *41 x 46 and *46 x 50mm.
11 Piece Metric: 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 27 and 30 x 32mm.
5 Piece AF: 1/4" x 5/16", 3/8" x 7/16", 1/2" x 9/16", 5/8" x 11/16" and 3/4" x 7/8".
10 Piece AF: 1/4" x 5/16", 5/16" x 3/8", 3/8" x 7/16", 7/16" x 1/2", 1/2" x 9/16", 9/16" x 5/8", 5/8" x 11/16", 11/16" x 3/4", 3/4" x 7/8" and 15/16" x 1".
8 Piece Whitworth: 1/8" x 3/16", 3/16" x 1/4", 1/4" x 5/16", 5/16" x 3/8", 3/8" x 7/16", 7/16" x 1/2", 1/2" x 9/16" and 9/16" x 5/8".



Number of Pieces	Order Code KEN-582
7 Metric	-0960K
8 Metric	-0990K
11 Metric	-0970K
5 AF	-0920K
10 AF	-0930K
8 Whit	-0950K

Double End, Open Ended Spanners



Scan the QR code

SPANNERS - OPEN ENDED

KENNEDY PROFESSIONAL Professional Open Ended Spanners

Chrome vanadium steel with a highly polished mirror finish preventing oil and dirt from adhering to the spanner. Made to American Federal Standards, extra thick heads offer higher torque forces to be applied therefore improved performance. Conform to **ASME B107.39**

Size (mm)	Overall Length	Order Code **KEN-582**
6 x 7	126	**-2990K**
8 x 9	135	**-3000K**
10 x 11	146	**-3010K**
12 x 13	165	**-3020K**
14 x 15	185	**-3030K**
16 x 17	185	**-3040K**
18 x 19	230	**-3050K**
20 x 22	250	**-3051K**
21 x 23	250	**-3052K**
24 x 27	290	**-3053K**
30 x 32	360	**-3054K**

Set
7 Piece Metric:
6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17 and 18 x 19mm.
11 Piece Metric:
6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 27 and 30 x 32mm.

Number of Pieces	Order Code **KEN-582**
7 Metric	**-3900K**
11 Metric	**-3910K**

SENATOR QUALITY TOOLING Open Ended Spanners

Drop forged steel with 15° cranked open ends. Satin finish heads. Conform to **DIN 3110**

Sets
7 Piece Metric:
6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17 and 18 x 19mm.
11 Piece Metric:
6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 27 & 30 x 32mm.

Metric

Size (mm)	Overall Length	Order Code **SEN-582**
6 x 7	122mm	**-5202E**
8 x 9	136mm	**-5202F**
8 x 10	146mm	**-5238D**
10 x 11	151mm	**-5202G**
12 x 13	171mm	**-5202H**
14 x 15	186mm	**-5202J**
16 x 17	201mm	**-5202K**

Size (mm)	Overall Length	Order Code **SEN-582**
17 x 19	220mm	**-5240F**
18 x 19	218mm	**-5202L**
20 x 22	234mm	**-5202M**
21 x 23	242mm	**-5202N**
24 x 27	264mm	**-5202P**
30 x 32	297mm	**-5202W**

Number of Pieces	Order Code **SEN-582**
7 Metric	**-5202R**
11 Metric	**-5202S**

YAMOTO Industrial Open Ended Spanner Sets

Made from chrome vanadium steel with polished head and 15° offset. Conform to **DIN 3110**

Sets
7 Piece Metric:
6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17 and 18 x 19mm.
11 Piece Metric:
6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 27 & 30 x 32mm.

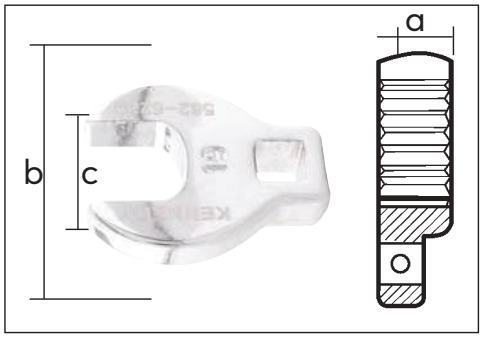
Number of Pieces	Order Code **YMT-582**
7 Metric	**-4951W**
11 Metric	**-4951P**

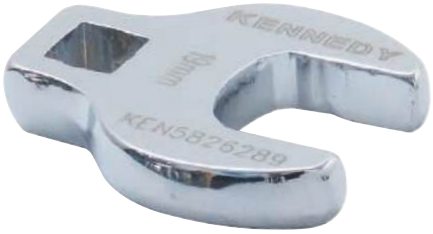
Single End, Open Ended Spanner

Scan the QR code

KENNEDY QUALITY INDUSTRIAL TOOLING Crowfoot Wrenches

3/8 Chrome vanadium wrenches designed to be used for getting into tight spots and hard to reach areas, in particular around tubing such as hydraulic lines etc. For use with 3/8" square drive tools.





Size (mm) (c)	(b)	(a)	Order Code KEN-582
10	22	9	-6280K
11	25	9	-6281K
12	28	9	-6282K
13	28	9	-6283K
14	33	9	-6284K
15	33	9	-6285K
17	38	9	-6287K
19	43	10	-6289K
22	47	10	-6292K
24	53	10	-6294K

KENNEDY QUALITY INDUSTRIAL TOOLING Miniature Open Ended Spanner Set

Set
6 Piece BA: 0 x 2, 1 x 3, 4 x 6, 5 x 7, 8 x 10 and 9 x 11BA.
6 Piece Metric: 3.2 x 4, 4 x 5, 5 x 5.5, 5.5 x 6, 6 x 7 and 7 x 8mm

Number of Pieces	Order Code KEN-582
6 BA	-0910K

Set
10 Piece Metric:
10, 11, 12, 13, 14, 15, 17, 19, 22 and 24mm.
Supplied on a sliding socket rail for storage.

10 PIECES

Size Range	Order Code KEN-582
10-24mm	-6300K

1/2in. Flexi-Ring End Sockets Set

Scan the QR code

BA Open Ended Spanners

Scan the QR code

SPANNERS - RING

KENNEDY QUALITY INDUSTRIAL TOOLING Double Ended Ring Spanners

Made from chrome vanadium steel with a satin finish body and highly polished heads, with double ended closed jaw bi-hexagon offset. Conform to **DIN 838 Metric & AF, BS 192 : 1982 & BS 3555 : 1998 Whitworth**.

Sets
7 Piece Metric: 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17 and 18 x 19mm.
11 Piece Metric: 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 27 and 30 x 32mm.
5 Piece AF: 1/4" x 5/16", 3/8" x 7/16", 1/2" x 9/16", 5/8" x 11/16" and 3/4" x 7/8".
10 Piece AF: 1/4" x 5/16", 5/16" x 3/8", 3/8" x 7/16", 7/16" x 1/2", 1/2" x 9/16", 9/16" x 5/8", 5/8" x 11/16", 11/16" x 3/4", 3/4" x 7/8" and 15/16" x 1".
5 Piece BSW: 3/16" x 1/4", 5/16" x 3/8", 7/16" x 1/2", 9/16" x 5/8" and 11/16" x 3/4" BSW.

No. of Pieces	Order Code KEN-582
7 Metric	-1960K
11 Metric	-1970K
5 AF	-1920K
10 AF	-1930K
5 BSW	-1950K

Metric

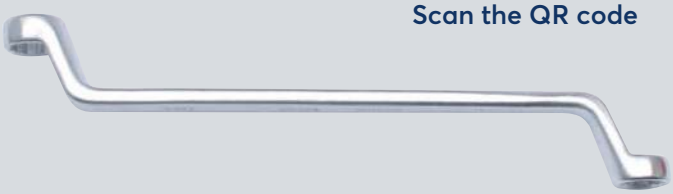
Size (mm)	Overall Length	Order Code KEN-582
5.5 x 7	168	-1550K
6 x 7	180	-1570K
8 x 9	190	-1590K
8 x 10	200	-1600K
10 x 11	205	-1610K
10 x 13	220	-1620K
12 x 13	220	-1640K
13 x 17	270	-1660K
14 x 15	235	-1670K
16 x 17	250	-1680K
17 x 19	270	-1690K
18 x 19	270	-1700K
19 x 22	290	-1710K
19 x 24	330	-1720K
20 x 22	290	-1730K
21 x 23	315	-1740K
22 x 24	330	-1750K
24 x 26	335	-1760K
24 x 27	340	-1770K
24 x 30	362	-1780K
25 x 28	360	-1790K
27 x 30	380	-1800K
30 x 32	380	-1810K
30 x 36	420	-1820K
32 x 36	420	-1830K
36 x 41	430	-1840K
41 x 46	440	-1850K
46 x 50	505	-1860K
55 x 60	635	-1870K

AF

Size AF	Order Code KEN-582
1/4" x 5/16"	-1260K
5/16" x 3/8"	-1270K
3/8" x 7/16"	-1280K
7/16" x 1/2"	-1290K
1/2" x 9/16"	-1300K
9/16" x 5/8"	-1310K
5/8" x 11/16"	-1320K
11/16" x 3/4"	-1340K
3/4" x 7/8"	-1350K
13/16" x 7/8"	-1360K
15/16" x 1"	-1380K
1 1/16" x 1 1/4"	-1410K
1 11/16" x 1 7/8"	-1470K

Imperial Double End Ring Spanners

Scan the QR code



KENNEDY PROFESSIONAL Professional Flared Nut Ring Spanners

Conform to: **ASME B107.4**. Made from chrome vanadium steel with a highly polished mirror finish. Made to AmericanFederal Standards, giving higher torque therefore improved performance. The wrench will fit over the pipe to give a positive location on the nut. Can be used on hydraulic pipes, brake pipes etc.

Metric Conform with ANSI B107.9M.

Size (mm)	Overall Length	Order Code **KEN-582**
8 x 10	145	**-1020K**
9 x 11	145	**-1030K**
12 x 14	175	**-1040K**
13 x 15	170	**-1050K**
16 x 17	200	**-1060K**

AF Conform with **ANSI B107.6**

Size (AF)	Overall Length	Order Code **KEN-582**
5/16" x 3/8"	145	**-1110K**
3/8" x 7/16"	155	**-1120K**
1/2" x 9/16"	175	**-1130K**
5/8" x 11/16"	198	**-1140K**

Set
5 Piece Metric: 8 x 10, 9 x 11, 12 x 14, 13 x 15 and 16 x 17mm.
4 Piece AF: 5/16" x 3/8", 3/8" x 7/16", 1/2" x 9/16" and 5/8" x 11/16".

Number of Pieces	Order Code **KEN-582**
5 Metric	**-1090K**
4 AF	**-1170K**

KENNEDY QUALITY INDUSTRIAL TOOLING Industrial Flared Nut Ring Spanners

Conform to **ASME B107.4**. Made from high quality chrome vanadium steel. Satin finish body with highly polished heads. Offset ends. The wrench will fit over the pipe to give a positive location on the nut. Can be used on hydraulic pipes, brake pipes etc.

Metric Conform with **ANSI B107.9M**.

Size (mm)	Overall Length	Order Code **KEN-582**
6 x 8	135	**-3490K**
8 x 10	135	**-3500K**
9 x 11	155	**-3510K**
10 x 11	155	**-3520K**
10 x 12	155	**-3530K**
12 x 14	175	**-3540K**
13 x 14	175	**-3550K**
14 x 17	200	**-3590K**
17 x 19	200	**-3600K**
19 x 22	225	**-3610K**
22 x 24	230	**-3620K**
24 x 27	250	**-3630K**
30 x 32	275	**-3640K**

AF Conform with **ANSI B107.9**.

Size (AF)	Order Code **KEN-582**
1/4" x 5/16"	**-3651K**
3/8" x 7/16"	**-3652K**
1/2" x 9/16"	**-3653K**
5/8" x 11/16"	**-3654K**
3/4" x 7/8"	**-3655K**

Set
6 Piece Metric:
6 x 8, 9 x 11, 10 x 12, 13 x 14, 14 x 17 and 19 x 22mm.
5 Piece AF:
1/4" x 5/16", 3/8" x 7/16", 1/2" x 9/16", 5/8" x 11/16" and 3/4" x 7/8".

Number of Pieces	Order Code **KEN-582**
6 Metric	**-3650K**
5 AF	**-3659K**

KENNEDY QUALITY INDUSTRIAL TOOLING Spinner Handles

1/4 **Fixed Type:** chrome vanadium blade with spring loaded ball bearing socket retainer.

Overall length: 150mm.

Polypropylene

Handle Type	Order Code KEN-582
Polypropelene	**-4200K**

YAMOTO INDUSTRIAL PLIERS Pin & Hook Wrench 8 Piece Set

Made of Chrome Vanadium Steel with a satin finish. Set consists of 3 wrenches along with 3 interchangeable hinged hook and pin arms plus 2 spare pins. For use on slotted rings. Supplied in a strong carry case.

8 PIECES

Sizes	Order Code YMT-582
3/4 - 4 3/4	**-9100K**

KENNEDY QUALITY INDUSTRIAL TOOLING Adjustable 'C' Hook Spanners

Manufactured from chrome vanadium steel with a highly polished chrome plated finish.

Diameter	Weight each	Order Code KEN-582
3/4 - 2"	120g	**-9600K**
1 1/4 - 3"	250g	**-9610K**
2 - 4 3/4"	460g	**-9620K**
4 1/2 - 6 1/4"	460g	**-9630K**

KENNEDY QUALITY INDUSTRIAL TOOLING Adjustable Pin & Hook Wrench

Manufactured from drop forged Chrome Vanadium Steel with a polished chrome finish. For use on slotted rings.

Diameter	Order Code KEN-582
15 - 35mm	**-9540K**
35 - 50mm	**-9550K**
50 - 80mm	**-9560K**
80 - 120mm	**-9570K**
120 - 180mm	**-9580K**

KENNEDY QUALITY INDUSTRIAL TOOLING Double Ended Lug

For connecting two female square drives

Drive Female x Male	Overall Length	Order Code KEN-582
1/4" x 1/4"	25mm	**-4240K**

KENNEDY QUALITY INDUSTRIAL TOOLING Universal Joint

1/4 Hinged through 180° in both directions. Knurled for extra grip.

Drive male x female: 1/4" x 1/4".

Overall Length	Order Code KEN-582
40mm	**-4160K**

KENNEDY QUALITY INDUSTRIAL TOOLING Adaptors/ Converters

1/4 Chrome vanadium.

Hex Bit Adaptor
Converts square drive tooling to use hexagon bits.

Square Drive x Hex	Overall Length	Order Code KEN-582
1/4" x 1/4"	25mm	**-4230K**

KENNEDY QUALITY INDUSTRIAL TOOLING Drive Converter

For using a combination of square drive sockets in one application.

Drive Female x Male	Overall Length	Order Code KEN-582
1/4" x 3/8"	27mm	**-4220K**

KENNEDY PROFESSIONAL Push Through Steel Handles

1/4 Chrome - molybdenum with mirror polished finish. Push through square drive, needs only 3% movement to operate ratchet.

Type	Overall Length	Order Code KEN-582
Standard	125mm	-4025K
Stubby	75mm	-4028K

KENNEDY PROFESSIONAL Disc Type Steel Handle

1/4 Standard wrench with high polished finish. Fitted with spring loaded ball bearing socket retainer. Manufactured from **chrome vanadium steel.**

Overall Length	Number of Teeth	Order Code KEN-582
140	20	-4020K

KENNEDY PROFESSIONAL Lever Reversible Rubber Handle

1/4 Chrome vanadium. Rubber grip, 72 tooth ratchet. With thumb lever for reversing without having to remove the socket or accessory. With quick release. A high quality wrench for the professional user.

Overall Length	Number of Teeth	Order Code KEN-582
140mm	72	-4005K

KENNEDY PROFESSIONAL Lever Reversible Steel Handle

1/4 Fully chromed all steel handle with thumb lever for reversing without having to remove the socket or accessory.

Overall Length	Number of Teeth	Order Code KEN-582
143mm	72	-4015K

KENNEDY PROFESSIONAL Swivel Handle

1/4 The hinged link allows operation at varied angles to aid access in restricted areas. Knurled grip.

Overall Length	Order Code KEN-582
150mm	-4180K

SENATOR QUALITY TOOLING Lever Reversible Rubber Handle

1/4 Chrome vanadium. Rubber grip, 72 tooth ratchet. With thumb lever for reversing. Quick release.

Overall Length	Number of Teeth	Order Code SEN-582
140mm	72	-4010K

KENNEDY PROFESSIONAL Sliding 'T' Handle

1/4 Manufactured from high quality chrome vanadium with a fully polished finish. The sliding bar will give many options for leverage within a given space.

Overall Length	Order Code KEN-582
105mm	-4040K

KENNEDY PROFESSIONAL Extension Bars

1/4 Manufactured from high quality chrome vanadium with a fully polished finish. All with knurled 'finger grip'.

Standard

Overall Length	Order Code KEN-582
50mm	-4060K
100mm	-4080K
150mm	-4100K
250mm	-4120K

Flexible
Steel wire braid allows access into obstructed areas.

Overall Length	Order Code KEN-582
150mm	-4140K

Wobble
In areas where clearance may be a problem the 'wobble' square drive can be used at an angle of up to 15°.

Overall Length	Order Code KEN-582
50mm	-4070K
100mm	-4090K
150mm	-4110K
250mm	-4130K

SOCKETS & ACCESSORIES - ¼" SQUARE DRIVE

KENNEDY PROFESSIONAL Standard Length Sockets

¼ Conform to **DIN3124**.

KENGRIP Patented Design

- Grips fasteners which are up to 95% rounded off.
- Will not damage worn or rusted fasteners.
- Also fits a wide range of non-metric Hexagons and E-Torx® Drive Sizes.
- Fully chrome plated finish for easy clean.
- Unique 'Double-Knurl' for high grip.
- Aluminium-free finish.

Will also fit a wide range of non-metric Hexagons and E-Torx® Drive Sizes.

¼" Square Drive

Size	Overall Length	Order Code KEN-582
4.0mm	25.0	-4161K
4.5mm	25.0	-4162K
5.0mm	25.0	-4163K
5.5mm	25.0	-4164K
6.0mm	25.0	-4165K
7.0mm	25.0	-4166K
8.0mm	25.0	-4167K
9.0mm	25.0	-4168K
10.0mm	25.0	-4169K
11.0mm	25.0	-4170K
12.0mm	25.0	-4171K
13.0mm	25.0	-4172K
14.0mm	25.0	-4173K

Screwdriver Bits

¼ Manufactured from high quality chrome vanadium, fully polished finish. Conform to **DIN**.

Overall length: 37mm.

Bit length: 19mm.

Type	Size (mm)	Order Code KEN-582
Slotted	4.0mm	-4700K
	5.5mm	-4710K
	7.0mm	-4730K
Cross Point	No.1	-4750K
	No.2	-4760K
	No.3	-4770K
	No.4	-4780K
Hexagon	3.0mm	-4790K
	4.0mm	-4800K
	5.0mm	-4810K
	6.0mm	-4820K
	8.0mm	-4830K
	1/8"	-4840K
	5/32"	-4850K
	3/16"	-4860K
	7/32"	-4870K
	1/4"	-4880K
	5/16"	-4890K
Torx	T6	-4685K
	T7	-4686K
	T8	-4687K
	T9	-4688K
	T10	-4689K
	T15	-4690K
	T20	-4691K
	T25	-4692K
	T27	-4693K
	T30	-4694K
	T40	-4695K

Standard & Deep Pockets Sockets

¼ Ideal for assembly and servicing of small precision mechanisms associated with electrical, electronic, ignition and refrigeration work.
All bi-hexagon unless stated.

¼ Double knurl feature gives a high grip which is essential for a quick tool change when your hands are greasy/oily. The 12 point bi-hexagon side drive design will give a higher torque than normal sockets. Manufactured from chrome vanadium, fully chrome plated with a mirror finish and aluminium-free. Chamfered leading edge ensures easy fastener location.

Sockets, Spanners & Wrenches

See our range

Scan the QR code

Size (mm)	Overall Length	Order Code KEN-582
Metric		
4.0	25mm	-4300K
4.5	25mm	-4310K
5.0	25mm	-4320K
5.5	25mm	-4330K
6.0	25mm	-4340K
7.0	25mm	-4350K
8.0	25mm	-4360K
9.0	25mm	-4370K
10.0	25mm	-4380K
11.0	25mm	-4390K
12.0	25mm	-4400K
13.0	25mm	-4410K
14.0	25mm	-4420K
Metric (Single Hex)		
4.0	25mm	-4540K
5.0	25mm	-4542K
5.5	25mm	-4543K
6.0	25mm	-4544K
7.0	25mm	-4545K
8.0	25mm	-4546K
9.0	25mm	-4547K
10.0	25mm	-4548K
11.0	25mm	-4549K
12.0	25mm	-4550K
13.0	25mm	-4551K
14.0	25mm	-4552K
Metric (Deep)		
4.0	50mm	-4670K
4.5	50mm	-4671K
5.0	50mm	-4672K
5.5	50mm	-4673K
6.0	50mm	-4674K
7.0	50mm	-4675K
8.0	50mm	-4676K
9.0	50mm	-4677K
10.0	50mm	-4678K
11.0	50mm	-4679K
12.0	50mm	-4680K
13.0	50mm	-4681K
14.0	50mm	-4682K
Metric (Single Hex Deep)		
6.0	50mm	-4566K
7.0	50mm	-4567K
8.0	50mm	-4568K
9.0	50mm	-4569K
10.0	50mm	-4570K
11.0	50mm	-4571K
12.0	50mm	-4572K
13.0	50mm	-4573K
14.0	50mm	-4574K

Size (mm)	Overall Length	Order Code KEN-582
AF		
3/16"	25mm	-4450K
7/32"	25mm	-4460K
1/4"	25mm	-4470K
9/32"	25mm	-4480K
5/16"	25mm	-4490K
11/32"	25mm	-4500K
3/8"	25mm	-4510K
7/16"	25mm	-4520K
1/2"	25mm	-4530K
9/16"	25mm	-4532K
AF (Single Hex)		
3/16"	25mm	-4430K
7/32"	25mm	-4431K
1/4"	25mm	-4432K
9/32"	25mm	-4433K
5/16"	25mm	-4434K
11/32"	25mm	-4435K
3/8"	25mm	-4436K
7/16"	25mm	-4437K
1/2"	25mm	-4438K
9/16"	25mm	-4439K
AF (Deep)		
3/16"	50mm	-4580K
7/32"	50mm	-4581K
1/4"	50mm	-4582K
9/32"	50mm	-4583K
5/16"	50mm	-4584K
11/32"	50mm	-4585K
3/8"	50mm	-4586K
7/16"	50mm	-4588K
1/2"	50mm	-4590K
9/16"	50mm	-4592K
AF (Single Hex Deep)		
3/8"	50mm	-4561K
BA (Single Hex)		
0	25mm	-4600K
*1	25mm	-4610K
2	25mm	-4620K
3	25mm	-4630K
4	25mm	-4640K
*5	25mm	-4650K
*6	25mm	-4660K
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

SOCKETS & ACCESSORIES - ¼" SQUARE DRIVE

KENNEDY PROFESSIONAL Push Through Steel Handles

3/8 Clutch type drive action. Needs only 3% movement to operate .

Type	Overall Length	Order Code KEN-582
Standard	180mm	-4945K
Stubby	105mm	-4948K

KENNEDY PROFESSIONAL Lever Reversible Steel Handle

3/8 Fully chromed all steel handle with thumb lever for reversing without having to remove the socket or accessory.

Overall Length	Number of Teeth	Order Code KEN-582
200mm	72	-4932K

YAMOTO INDUSTRIAL SOCKET SETS Composite Ratchet Handle

3/8 With reverse lever, push button quick release. 72-tooth gear drive. Chrome vanadium core.

Overall Length	Number of Teeth	Order Code YMT-582
200mm	72	-7510K
Ratchet Repair Kit		-8510K

YAMOTO INDUSTRIAL SOCKET SETS Lever Reversible Rubber Handle

3/8 Chrome vanadium. Rubber grip, 72 tooth ratchet. With thumb lever for reversing. Quick release.

Overall Length	Number of Teeth	Order Code YMT-582
200mm	72	-4944K

YAMOTO INDUSTRIAL SOCKET SETS Ratchet Repair Kits

3/8

To suit Ratchet Number	Order Code YMT-582
YMT - 582 - 4944K	-4945K

KENNEDY PROFESSIONAL Extension Bars

3/8 **Extensions**
Manufactured from high quality chrome vanadium with a fully polished finish. All with knurled 'finger grip'.

Standard

Overall Length	Order Code KEN-582
75mm	-4960K
125mm	-4980K
150mm	-5000K
250mm	-5020K
300mm	-5050K
450mm	-5070K

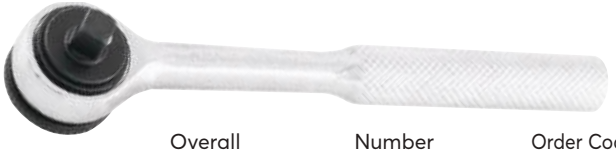
Wobble

Wobble
In areas where clearance may be a problem the 'wobble' square drive can be used at an angle of up to 15°.

Overall Length	Order Code KEN-582
75mm	-5110K
150mm	-5120K
250mm	-5140K

KENNEDY PROFESSIONAL Disc Type Steel Handle

3/8 Basic wrench with high polished finish. Fitted with spring loaded ball bearing socket retainer.



Overall Length	Number of Teeth	Order Code KEN-582
200mm	42	-4900K

KENNEDY PROFESSIONAL Push Through Rubber Handle

3/8 A very economic wrench with a one way ratchet. Push through square drive allows left and right hand operation.

Overall Length	Number of Teeth	Order Code KEN-582
200mm	41	-4930K

KENNEDY PROFESSIONAL Lever Reversible Rubber Handle

3/8 Chrome vanadium. Rubber grip, 72 tooth ratchet. without having to remove the socket or accessory. With quick release.

Overall Length	Number of Teeth	Order Code KEN-582
200mm	72	-4942K

SENATOR QUALITY TOOLING Lever Reversible Rubber Handle

3/8 Chrome vanadium. Rubber grip, 72 tooth ratchet. With thumb lever for reversing. Quick release.

Overall Length	Number of Teeth	Order Code SEN-582
200mm	72	-4950K

SENATOR QUALITY TOOLING Ratchet Repair Kits

To suit Ratchet Number	Order Code SEN-582
SEN - 582 - 4010K	-4015K
SEN - 582 - 4950K	-4955K

KENNEDY PROFESSIONAL Swivel Handles

3/8 The hinged link allows operation at varied angles to aid access in restricted areas.

-5060K

-5160K

Grip	Overall Length	Weight each	Order Code KEN-582
Steel	225mm	310g	-5060K
Rubber	225mm	225g	-5160K

KENNEDY PROFESSIONAL Heavy Duty American Pattern

Grip	Overall Length	Weight each	Order Code KEN-582
American	375mm	310g	-5065K
Components			
Replacement Knuckle			-5068K

KENNEDY PROFESSIONAL Spinner Handle Fixed Type

3/8 Chrome vanadium steel blade, polypropylene handle and spring loaded bearing socket retainer.

Overall Length	Weight each	Order Code KEN-582
210mm	240g	-5100K

KENNEDY PROFESSIONAL Sliding 'T' Handle

3/8 Made from high quality chrome vanadium with a fully polished finish. The sliding bar gives many options for leverage within any space.

Overall Length	Weight each	Order Code KEN-582
165mm	185g	-4920K

KENNEDY PROFESSIONAL Speed Braces

3/8 Manufactured from high quality chrome vanadium, fully polished finish. Ideal for nut spinning.

Rubber Grip
KEN -582-5080K

Grip	Overall Length	Weight each	Order Code KEN-582
American	425mm	500g	-5090K
Rubber Grip	400mm	470g	-5080K

YAMOTO INDUSTRIAL SOCKET SETS Swivel Handle

3/8 Chrome finish. American style handle.

Overall Length	Weight each	Order Code YMT-582
225mm	310g	-5060K

YAMOTO INDUSTRIAL SOCKET SETS Spinner Handle Fixed Type

3/8
- Manufactured from chrome vanadium steel for durability
- Handle is made from plastic for user comfort and control

Overall Length	Weight each	Order Code YMT-582
210mm	240g	-5100K

YAMOTO INDUSTRIAL SOCKET SETS Sliding 'T' Handle

3/8 Overall length: 165mm.

Overall Length	Weight each	Order Code YMT-582
165mm	185g	-4920K

YAMOTO INDUSTRIAL SOCKET SETS Universal Joint

3/8 High polished chrome finish. Hinged through 180° in both directions.

Drive Male x Female	Overall Length	Weight each	Order Code YMT-582
3/8" x 3/8"	50mm	60g	-5040K

KENNEDY PROFESSIONAL Universal Joint

3/8 ged through 180° in both directions. Knurled for extra grip.

Drive Male x Female	Overall Length	Weight each	Order Code KEN-582
3/8" x 3/8"	50mm	60g	-5040K

SOCKETS & ACCESSORIES - ⅜" SQUARE DRIVE

Standard Length Sockets

Type	Size	Overall Length	KENGRIP Order Code KEN-582	KENNEDY PROFESSIONAL Order Code KEN-582	YAMOTO INDUSTRIAL SOCKET SETS Order Code YMT-582
⅜	6mm	26	-5832K	-5240K	-5240K
	7mm	26	-5833K	-5250K	-5250K
	8mm	26	-5834K	-5260K	-5260K
	9mm	26	-5835K	-5270K	-5270K
	10mm	26	-5836K	-5280K	-5280K
	11mm	26	-5837K	-5290K	-5290K
	12mm	26	-5838K	-5300K	-5300K
	13mm	26	-5839K	-5310K	-5310K
	14mm	30	-5840K	-5320K	-5320K
	15mm	30	-5841K	-5330K	-5330K
	16mm	30	-5842K	-5340K	-5340K
	17mm	30	-5843K	-5350K	-5350K
	18mm	30	-5844K	-5360K	-5360K
	19mm	30	-5845K	-5370K	-5370K
	20mm	30	-5846K	-5380K	-5380K
	21mm	30	-5847K	-5390K	-5390K
	22mm	27	-5848K	-5400K	-5400K
AF ⅜	¼"	27		-5430K	-5430K
	5/16"	27		-5440K	-5440K
	11/32"	27		-5450K	-5450K
	⅜"	27		-5460K	-5460K
	7/16"	27		-5470K	-5470K
	½"	27		-5480K	-5480K
	9/16"	27		-5490K	-5490K
	⅝"	27		-5500K	-5500K
	11/16"	30		-5510K	-5510K
	¾"	25		-5520K	-5520K
	13/16"	27		-5530K	-5530K
	⅞"	27		-5540K	-5540K
Whit ⅜	⅛"	27			
	3/16"	27			
	¼"	30			
	5/16"	30			
	⅜"	30			
	7/16"	30			
	½"	30			

KENGRIP
Patented Design
Conform to **DIN3124**.
⅜" Square Drive

Pages **423-431**

Deep Sockets

⅜" Square Drive

Type	Size	Overall Length	KENGRIP Order Code KEN-582	KENNEDY PROFESSIONAL Order Code KEN-582	YAMOTO INDUSTRIAL SOCKET SETS Order Code YMT-582
Metric ⅜	8mm	62	-5849K	-5700K	-
	9mm	62	-5850K	-5710K	-
	10mm	62	-5851K	-5720K	-5720K
	11mm	62	-5852K	-5730K	-5730K
	12mm	62	-5853K	-5740K	-5740K
	13mm	62	-5854K	-5750K	-5750K
	14mm	62	-5855K	-5760K	-5760K
	15mm	62	-5856K	-5770K	-5770K
	16mm	62	-5857K	-5780K	-
	17mm	62	-5858K	-5790K	-5790K
	18mm	64	-5859K	-5800K	-
	19mm	64	-5860K	-5810K	-5810K
	21mm	64	-5861K	-5820K	-
	22mm	64	-5862K	-5830K	-5830K
AF ⅜	⅜"	63	-	-5870K	-5870K
	7/16"	63	-	-5880K	-5880K
	½"	63	-	-5890K	-5890K
	9/16"	63	-	-5900K	-5900K
	⅝"	65	-	-5910K	-5910K
	11/16"	65	-	-5920K	-5920K
	¾"	65	-	-5930K	-5930K
	13/16"	65	-	-5940K	-5940K

Page **433 - 445**

Single Hexagon Standard Length

Type	Size	Overall Length	Order Code KEN-582
Metric Single Hex ⅜	6mm	26	-5554K
	7mm	26	-5555K
	8mm	26	-5556K
	9mm	26	-5557K
	10mm	26	-5558K
	11mm	26	-5559K
	12mm	26	-5560K
	13mm	26	-5561K
	14mm	30	-5562K
	15mm	30	-5563K
	16mm	30	-5564K
	17mm	30	-5565K
	18mm	30	-5566K
	19mm	30	-5567K

SOCKETS & ACCESORIES - 3/8" SQUARE DRIVE

KENNEDY PROFESSIONAL Double Lug

3/8 Chrome vanadium. For connecting two female square drives. 25mm long.

Drive Male x Male	Weight each	Order Code KEN-582
3/8" x 3/8"	10g	-5170K

Female/Male Converters

3/8 Chrome vanadium. For using a combination of socketry in the same application.

Drive Female x Male	Order Code KEN-582
3/8" x 1/4"	-5180K
3/8" x 1/2"	-5190K
1/2" x 3/8"	-6700K

Hex Bit Adaptor

3/8 Chrome vanadium. For converting square drive tooling to use hexagon bits.

Drive x Hex	Overall Length	Order Code KEN-582
3/8"x1/4"	30mm	-5200K

Spark Plug Sockets

3/8 For insertion and removal of spark plugs. Neoprene insert helps retain the plug and protect the insulation material from damage.

Size (Plug)	Overall Length	Order Code KEN-582
M10	65mm	-5670K
M12	65mm	-5680K
M14	68mm	-5660K

YAMOTO INDUSTRIAL SOCKET SETS Spark Plug Sockets

3/8 For insertion and removal of spark plugs. Neoprene insert helps retain the plug and protect the insulation material from damage.

Size (Plug)	Overall Length	Order Code YMT-582
M10	65mm	-5670K
M14	68mm	-5660K

Hex Bit Adaptor

3/8 Chrome vanadium. For converting square drive tool-ing to use hexagon bits.

Drive x Hex	Overall Length	Order Code YMT-582
3/8"x1/4"	30mm	-5200K

Range Available

KENGRIP Patented Design

Grips without damaging

Grips up to 95% rounded off

Pages 423-431

Screwdriver Bit Sockets

Often used in the automotive and aerospace industries. The weight to strength ratio ensures the reliability and accessibility that is important in this type of environment. Made from chrome vanadium steel, fully chrome plated with a mirror finish and aluminium-free. All have ball retaining grooves. Conform to **DIN standards**.

Size	Bit Lgth (mm)	Overall Lgth (mm)	KENNEDY PROFESSIONAL Order Code KEN-582	YAMOTO INDUSTRIAL SOCKET SETS Order Code YMT-582
			Hexagon	
3mm	20	50	-6000K	-6000K
4mm	20	50	-6010K	-6010K
5mm	20	50	-6020K	-6020K
6mm	20	50	-6030K	-6030K
8mm	20	50	-6040K	-6040K
10mm	20	50	-6050K	-6050K
1/8"	20	50	-6080K	-
5/32"	20	50	-6090K	-
3/16"	20	50	-6100K	-
7/32"	20	50	-6110K	-
1/4"	20	50	-6120K	-
5/16"	20	50	-6130K	-
3/8"	20	50	-6140K	-
			Crosspoint	
No 1	20	50	-6201K	-6201K
No 2	20	50	-6202K	-6202K
No 3	20	50	-6203K	-6203K
No 4	20	50	-6204K	-
			PZ	
No 1	20	50	-6211K	-
No 2	20	50	-6212K	-
No 3	20	50	-6213K	-
			Slotted	
3/16"	20	50	-	-6222K
7/32"	20	50	-	-
1/4"	20	50	-	-6224K
			TX	
T6	20	50	-6231K	-
T7	20	50	-6232K	-
T8	20	50	-6233K	-
T9	20	50	-	-
T10	20	50	-6235K	-6235K
T15	20	50	-6236K	-6236K
T20	20	50	-6237K	-6237K
T25	20	50	-6238K	-6238K
T27	20	50	-6239K	-
T30	20	50	-6241K	-6241K
T40	20	50	-6242K	-6242K
T45	20	50	-6243K	-
T50	20	50	-6244K	-6244K

KENNEDY PROFESSIONAL Long Screwdriver Bit Sockets & Socket Bit Sets

Ideal for accessing deep seated bolts that have been fitted knurled bodies for extra grip. Made from S2 chrome vanadium. Supplied on storage rail.

Hexagon

6 Piece Set Contents:
4, 5, 6, 7, 8, 10mm.

6 PIECES

TX

6 Piece Set Contents:
T20, T25, T30, T40 T45 and T50

Bit Sets

Description	Order Code KEN-582
Hexagon 6 Piece Set	-6324K
TX 6 Piece Set	-6340K

Individual Bits - Hexagon

Size	Overall Length	Order Code KEN-582
4mm	100mm	-6314K
5mm	100mm	-6315K
6mm	100mm	-6316K
7mm	100mm	-6317K
8mm	100mm	-6318K
10mm	100mm	-6320K

Individual Bits - TX

Size	Overall Length	Order Code KEN-582
T20	95mm	-6330K
T25	95mm	-6331K
T30	95mm	-6332K
T40	95mm	-6334K
T45	95mm	-6335K
T50	95mm	-6336K

KENNEDY PROFESSIONAL Lever Reversible Rubber Handle

½ Chrome vanadium. Rubber grip, 72 tooth ratchet. With thumb lever for reversing without having to remove the socket or accessory.
With quick release.

A high quality wrench for the professional user.

½ **½" DRIVE:** The most popular drive size used in the service and maintenance industries. This popularity is due to its strength and robust nature.

Overall Length	Number of Teeth	Weight each	Order Code KEN-582
240mm	72	430	-6422K

Ratchet Repair Kits

To suit Ratchet Number	Weight each	Order Code KEN-582
KEN-582-6400K	130g	-6740K
KEN-582-6412K/-6422K	140g	-6725K

KENNEDY PROFESSIONAL Push Through Rubber Handle

½ A very economic wrench with a one way ratchet. Push through square drive allows left and right hand operation.

Overall Length	Number of Teeth	Weight each	Order Code KEN-582
270mm	30	500g	-6430K

YAMOTO INDUSTRIAL SOCKET SETS Extensions

3/8 Chrome finish.

Type	Overall Length (mm)	Order Code YMT-582
Standard	75	-4960K
Standard	150	-5000K
Wobble	250	-5140K

KENNEDY PROFESSIONAL Lever Reversible Steel Handle

½ Fully chromed all steel handle with thumb lever for reversing without having to remove the socket or accessory.

Overall Length	Number of Teeth	Weight each	Order Code KEN-582
250mm	72	510g	-6412K

KENNEDY PROFESSIONAL TX Sockets

Chrome vanadium. For use with male headed TX fasteners commonly found in the automotive industry. 29mm overall length and each weighing 45g.

Size	Order Code KEN-582
E6	-5960K
E8	-5962K
E10	-5964K
E12	-5966K
E14	-5968K
E16	-5970K

KENNEDY PROFESSIONAL Push Through Steel Handle - Gearless

½ Chrome - molybdenum with mirror polished finish. Push through square drive, needs only 3% movement to operate gearless ratchet.

Overall Length	Weight each	Order Code KEN-582
250mm	470g	-6435K

YAMOTO INDUSTRIAL SOCKET SETS Rubber Ratchet Handle

½ Fully chromed all steel handle with thumb lever for reversing without having to remove the socket or accessory. 72 tooth ratchet.

Ratchet Repair Kits

To suit Ratchet Number	Order Code YMT-582
YMT-582-6414K	-6415K

KENNEDY PROFESSIONAL Lever Reversible Steel Handle Flexi-Joint

½ Fully chromed lever type. All steel handle. The hinged joint gives additional capability in areas of restricted access.

Type	Overall Length	Weight each	Order Code KEN-582
Standard	420	860g	-6370K
Stubby	198	110g	-6375K

YAMOTO INDUSTRIAL SOCKET SETS Composite Ratchet Handle

½ Reverse lever, push button quick release. Offset handle. Manufactured from composite material.

Overall Length	Number of Teeth	Order Code **YMT-582**
250mm	72	**-7512K**
Ratchet Repair Kit		**-8512K**

KENNEDY QUALITY INDUSTRIAL TOOLING Disc Type Steel Handle

½ Basic wrench with high polished finish. Fitted with spring loaded ball bearing socket retainer.

Product Number	Number of Teeth	Order Code **KEN-582**
245mm	44	**-6400K**

KENNEDY QUALITY INDUSTRIAL TOOLING Universal Joint

½ Hinged through 180° in both directions. Knurled for extra grip.

Drive M x F	Overall Length	Order Code **KEN-582**
½"x ½"	75mm	**-6580K**

SENATOR QUALITY TOOLING Rubber Ratchet Handle

½ Chrome vanadium. Rubber grip, 72 tooth ratchet. With thumb lever for reversing. Quick release.

Overall Length	Number of Teeth	Order Code **SEN-582**
245mm	72	**-6410K**
Ratchet Repair Kit		
-6415K		

Socket Accessories

See our range

Scan the QR code

KENNEDY PROFESSIONAL Speed Braces

½ Rubber grip, for fast nut spinning. Manufactured from high quality chrome vanadium, fully polished finish. Ideal for nut spinning.

Page 429

Steel Grip

Handle Type	Overall Length	Order Code KEN-582
Rubber Grip	400mm	-6560K
Steel Grip	425mm	-6600K

YAMOTO INDUSTRIAL SOCKET SETS Sliding 'T' Handle

½ Manufactured from high quality chrome vanadium with a fully polished finish. The sliding bar will give many options for leverage within a given space.

Overall Length	Order Code YMT-582
250mm	-6370K

KENNEDY PROFESSIONAL Extension Bars

½ Manufactured from high quality chrome vanadium with a fully polished finish. All with knurled 'finger grip'.

Standard

Overall Length	Order Code KEN-582
75mm	-6460K
125mm	-6480K
250mm	-6500K
375mm	-6520K
450mm	-6530K

KENNEDY PROFESSIONAL Wobble

In areas where clearance may be a problem the 'wobble' square drive can be used at an angle of up to 15°.

Overall Length	Order Code KEN-582
75mm	-6630K
125mm	-6640K
250mm	-6660K

KENNEDY PROFESSIONAL Sliding 'T' Handle

½ Manufactured from high quality chrome vanadium with a fully polished finish. The sliding bar will give many options for leverage within a given space.

Overall Length	Order Code KEN-582
250mm	-6440K

YAMOTO INDUSTRIAL SOCKET SETS Extension Bars

½ Chrome finish. Designed to allow you to reach areas that would otherwise be inaccessible, these standard length 1/2in.

Standard

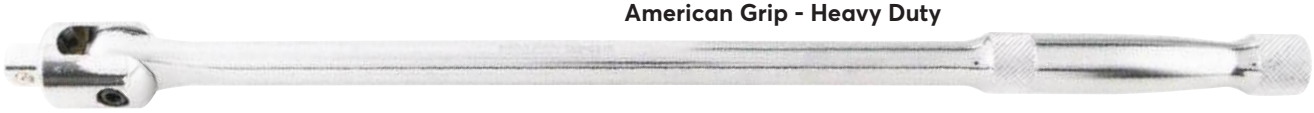
Overall Length	Order Code YMT-582
75mm	-6460K
125mm	-6480K
250mm	-6500K

KENNEDY PROFESSIONAL Swivel Handles

½ The hinged link allows operation at varied angles to aid access in restricted areas.

American Grip

American Grip - Heavy Duty



Grip	Overall Length	Order Code KEN-582
Rubber	300mm	-6570K
American	375mm	-6540K
American	450mm	-6550K
Heavy Duty		
American	450mm	-6545K
American	600mm	-6555K
Service Parts		
Replacement Knuckle		-6548K

YAMOTO INDUSTRIAL SOCKET SETS Swivel Handles

½ With hinged link and rubber grip.

Overall Length	Order Code YMT-582
300mm	-6570K
380mm	-6575K

KENNEDY PROFESSIONAL Flexi-Ring End Sockets

½ Made from polished chrome vanadium. These tough flexi-ring end sockets are designed to allow access over long studs and for awkwardly positioned nuts and bolts. Swivels through 220°.

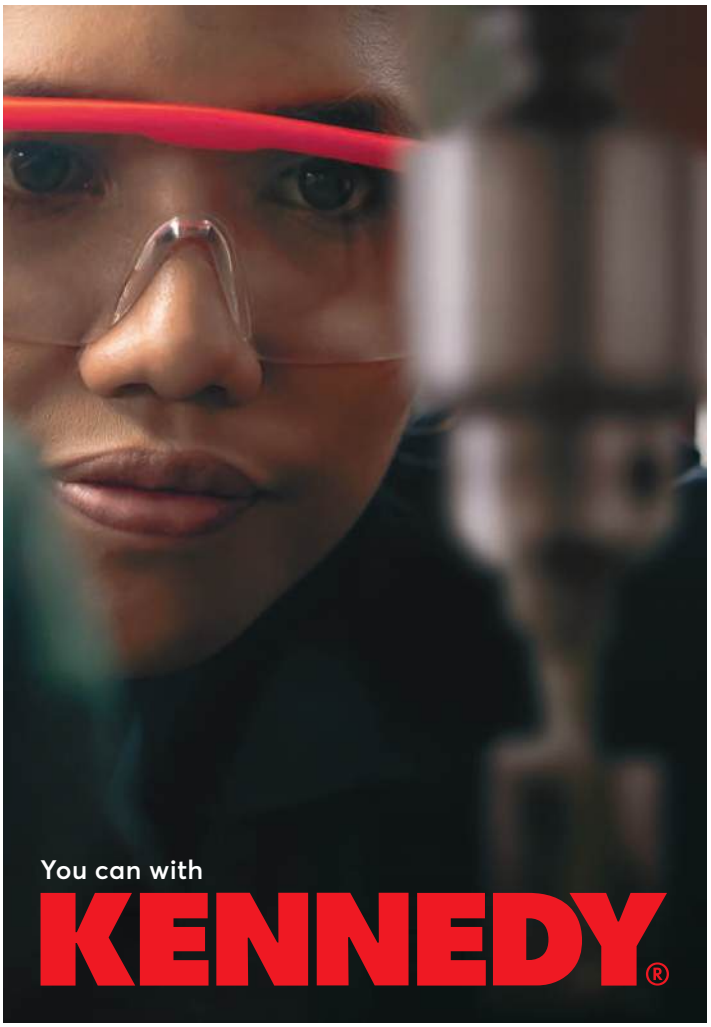
½

Type	Size	Overall Length	Order Code KEN-582
Metric	13mm	70mm	-1180K
Metric	14mm	70mm	-1181K
Metric	15mm	70mm	-1182K
Metric	16mm	70mm	-1183K
Metric	19mm	77mm	-1185K
Metric	22mm	82mm	-1186K
Metric	24mm	86mm	-1187K

KENNEDY PROFESSIONAL Offset Fixed Handle

½ Knurled grip. Chrome vanadium. Fixed wrench for applications requiring rigid set up.

Overall Length	Order Code KEN-582
200mm	-6590K



SOCKETS & ACCESORIES - ½" SQUARE DRIVE

Bi-Hexagon Standard Length Sockets

Type	Size	Overall Length	Weight each	KENGRIP Order Code KEN-582	KENNEDY PROFESSIONAL Order Code KEN-582	YAMOTO INDUSTRIAL SOCKET SETS Order Code YMT-582
Metric ½	8mm	36	50g	-6871K	-6900K	-6900K
	9mm	37	50g	-6872K	-6910K	-6910K
	10mm	37	50g	-6873K	-6920K	-6920K
	11mm	37	50g	-6874K	-6930K	-6930K
	12mm	37	50g	-6875K	-6940K	-6940K
	13mm	37	50g	-6876K	-6950K	-6950K
	14mm	37	50g	-6877K	-6960K	-6960K
	15mm	37	60g	-6878K	-6970K	-6970K
	16mm	37	60g	-6879K	-6980K	-6980K
	17mm	37	60g	-6880K	-6990K	-6990K
	18mm	37	80g	-6881K	-7000K	-7000K
	19mm	37	70g	-6882K	-7010K	-7010K
	20mm	37	80g	-6883K	-7020K	-7020K
	21mm	37	70g	-6884K	-7030K	-7030K
	22mm	37	90g	-6885K	-7040K	-7040K
	23mm	37	110g	-6886K	-7050K	-7050K
	24mm	37	110g	-6887K	-7060K	-7060K
	25mm	40	150g	-6888K	-7070K	-7070K
	26mm	40	140g	-6889K	-7080K	-7080K
	27mm	40	170g	-6890K	-7090K	-7090K
	28mm	40	170g	-6891K	-7100K	-7100K
	29mm	40	170g	-6892K	-7110K	-7110K
	30mm	45	210g	-6893K	-7120K	-7120K
	32mm	45	230g	-6895K	-7130K	-7130K
	33mm	45	230g	-6898K	-7140K	-7140K
	36mm	45	245g	-6899K	-7150K	-7150K
AF ½	5/16"	37	50g		-7160K	-7160K
	3/8"	37	50g		-7170K	-7170K
	7/16"	37	50g		-7180K	-7180K
	1/2"	37	50g		-7190K	-7190K
	9/16"	37	50g		-7200K	-7200K
	19/32"	37	60g		-7210K	-7220K
	5/8"	37	60g		-7220K	-7230K
	11/16"	37	60g		-7230K	-7240K
	3/4"	37	70g		-7240K	-7250K
	13/16"	37	80g		-7250K	-7260K
	7/8"	40	90g		-7260K	-7270K
	15/16"	40	110g		-7270K	-7280K
	1"	40	130g		-7280K	-7290K
	1 1/16"	40	160g		-7290K	-7300K
	1 1/8"	40	170g		-7300K	-
	1 3/16"	45	200g		-7310K	-7320K
	1 1/4"	45	230g		-7320K	-
Whit ½	1/8"	37	50g		-7380K	-7390K
	3/16"	37	50g		-7390K	-7400K
	1/4"	37	50g		-7400K	-7410K
	5/16"	37	60g		-7410K	-7420K
	3/8"	37	50g		-7420K	-7430K
	7/16"	37	70g		-7430K	-7440K
	1/2"	40	90g		-7440K	-7450K
	9/16"	40	140g		-7450K	-7460K
	5/8"	40	170g		-7460K	-
	11/16"	45	220g		-7470K	-
	3/4"	45	220g		-7480K	-

KENGRIP
Patented Design
Conform to **DIN3124**.
½" Square Drive
Grips without damaging
Grips up to 95% rounded off
Pages 423-431

KENNEDY PROFESSIONAL Single Hexagon Standard Length Sockets

Six point - offer a more positive location, particularly on worn or rounded nuts, but require a one-sixth turn to engage the next point of the socket.

Type	Size	Overall Length	Weight each	Order Code KEN-582
Metric ½	8mm	36	50g	-7346K
	9mm	37	50g	-7347K
	10mm	37	50g	-7348K
	11mm	37	50g	-7349K
	12mm	37	50g	-7350K
	13mm	37	50g	-7351K
	14mm	37	50g	-7352K
	15mm	37	60g	-7353K
	16mm	37	60g	-7354K
	17mm	37	60g	-7355K
	18mm	37	80g	-7356K
	19mm	37	70g	-7357K
	20mm	37	80g	-7358K
	21mm	37	70g	-7359K
	22mm	37	90g	-7360K
	23mm	37	110g	-7361K
	24mm	37	110g	-7362K
	26mm	40	140g	-7364K
	27mm	40	170g	-7365K
	28mm	40	170g	-7366K
	30mm	45	210g	-7368K
	32mm	45	230g	-7370K
	36mm	45	245g	-7374K

KENNEDY PROFESSIONAL Bi-Hexagon Deep Sockets

Type	Size	Overall Length	Weight each	Order Code KEN-582
Metric ½	10mm	77	100g	-7530K
	11mm	77	110g	-7540K
	12mm	77	110g	-7550K
	13mm	77	110g	-7560K
	14mm	77	110g	-7570K
	15mm	77	130g	-7580K
	16mm	77	120g	-7590K
	17mm	77	120g	-7600K
	18mm	77	150g	-7610K
	19mm	77	150g	-7620K
	21mm	77	160g	-7630K
	22mm	77	200g	-7640K
	24mm	77	220g	-7650K
	26mm	77	210g	-7660K
	27mm	77	250g	-7670K
	30mm	77	320g	-7680K
	32mm	77	340g	-7690K
AF ½	1/2"	77	110g	-7700K
	9/16"	77	100g	-7710K
	5/8"	77	120g	-7720K
	11/16"	77	110g	-7730K
	3/4"	77	140g	-7740K
	13/16"	77	160g	-7750K
	7/8"	77	190g	-7760K
	15/16"	77	220g	-7770K
	1"	77	200g	-7780K
	1 1/8"	77	270g	-7790K
	1 1/4"	77	390g	-7800K

SOCKETS & ACCESORIES - ½" SQUARE DRIVE

KENNEDY PROFESSIONAL E-TX S Sockets

½ Chrome vanadium. For use with male headed TX fasteners commonly found in the automotive industry.

Size (Plug)	Overall Length	Order Code KEN-582
E10	37mm	-7485K
E12	37mm	-7487K
E14	37mm	-7489K
E16	37mm	-7491K
E18	37mm	-7493K
E20	37mm	-7495K

Double Ended Lug

½ Chrome vanadium. For connecting two female square drives.

Drive Male x Male	Order Code KEN-582
½" x ½"	-6750K

Hex Bit Adaptors

½ Chrome vanadium. For converting square drive tooling to use hexagon bits.

Drive x Hex	Overall Length	Order Code KEN-582
½"x¼"	35mm	-6710K
½"x5/16"	75mm	-6720K

Female/Male Converters

½ Chrome vanadium. For using a combination of square drive socketry in the same application.

Drive Female x Male	Order Code KEN-582
½" x ¾"	-6680K
¾" x ½"	-8120K

KENNEDY PROFESSIONAL Spark Plug Sockets

½ Designed for insertion/ removal of spark plugs. The neoprene insert helps retain the spark plug and protect the insulation material from accidental damage. A unique double knurl gives a high grip essential for a quick tool change when hands are greasy.

Size (Plug)	Overall Length	Order Code KEN-582
M10	65mm	-7520K
M14	67mm	-7500K

YAMOTO INDUSTRIAL SOCKET SETS Spark Plug Sockets

½ A neoprene insert helps retain the spark plug and protect the insulation material from accidental damage. A ball-retaining groove on each face ensures a positive fit with all accessories. Chamfered leading edge gives easy location.

Size (Plug)	Overall Length	Order Code YMT-582
M10	65mm	-7520K
M14	67mm	-7500K

Screwdriver Bits

For insertion and removal of fasteners and fixings using ½" square drive tooling. Made from chrome vanadium steel, fully chrome plated with a mirror finish and aluminium-free. All have ball retaining groove on each face of the square drive. Conform to **DIN standards.**

Size	Bit Length (mm)	Overall Length (mm)	KENNEDY PROFESSIONAL Order Code KEN-582	YAMOTO INDUSTRIAL SOCKET SETS Order Code YMT-582
Slotted				
8mm	20	55	-7832K	-
9mm	20	55	-7834K	-7809K
10mm	20	55	-	-7810K
12mm	20	55	-7836K	-
14mm	20	55	-7838K	-7857K
16mm	20	55	-7839K	-
Hexagon				
4mm	20	55	-7840K	-7840K
5mm	20	55	-7841K	-7841K
6mm	20	55	-7842K	-7842K
7mm	20	55	-7843K	-7843K
7mm	20	100	-7807K	-
8mm	20	55	-7844K	-7844K
10mm	20	55	-7845K	-7845K
12mm	20	55	-7846K	-7846K
14mm	20	65	-7847K	-7847K
17mm	20	70	-7848K	-7848K
19mm	20	70	-7849K	-7849K
3/16"	20	55	-7851K	-
¼"	20	55	-7853K	-
5/16"	20	55	-7854K	-
3/8"	20	55	-7855K	-
½"	20	55	-7856K	-
9/16"	20	55	-7857K	-
¾"	20	70	-7859K	-
Crosspoint				
No.2	20	55	-7861K	-7861K
No.3	20	55	-7862K	-7862K
No.4	20	55	-7863K	-7863K
PZ				
No.2	17	55	-7865K	-
No.3	17	55	-7866K	-
No.4	17	55	-7867K	-
TX				
T20	20	58	-7870K	-
T25	17	55	-7871K	-
T27	17	55	-7872K	-
T30	17	55	-7873K	-
T40	17	55	-7874K	-
T45	17	55	-7875K	-
T50	17	55	-7876K	-
T55	17	55	-7877K	-
T60	17	55	-7878K	-
T70	17	55	-7879K	-

KENNEDY PROFESSIONAL Spline Screwdriver Bit Set

6 Piece set containing short bits for bolts in tight areas and long bits for accessing deep seated, tight fitted spline bolts. Handy storage rail supplied

Description	Order Code KEN-582
6 Piece Set (M6-M14)	-7340K

Individual Bits

Size	Overall Length	Order Code KEN-582
M6	55mm	-7322K
M8	55mm	-7324K
M8	100mm	-7326K
M10	100mm	-7328K
M12	100mm	-7330K
M14	100mm	-7332K

KENNEDY PROFESSIONAL Screwdriver Bit Socket Sets

Used most often in the automotive and aerospace industries. The weight to strength ratio ensures the reliability and accessibility that is so important in this type of production environment. For insertion and removal of fasteners and fixings using ½" square drive tooling. Unique knurled body gives extra grip which is essential for a quick tool change when your hands are greasy/oily. **Registered Design No. 2053516UK.** Manufactured from chrome vanadium steel and are fully chrome plated with a mirror finish and aluminium-free. All have ball retaining groove on each face of the square drive. Conform to **DIN standards**.
Overall length: 55mm. **Bit length:** 20mm.

Engineer's 20 Piece Set Contents:

Crosspoint
No.2, 3 and 4.

Hexagon
4, 5, 6, 7, 8, 10, 12, 14, 17 and 19mm, 3/16", 1/4", 5/16", 3/8", 1/2", 9/16" and 3/4".

20 PIECES

Weight each	Order Code KEN-582
1.90kg	-7880K

Mechanic's 20 Piece Set Contents:

Slotted:
8, 9, 12, 14, and 16mm.

TX:
T20, T25, T27, T30, T40, T45, T50, T55 and T60.

Crosspoint:
No.2, 3 and 4.

PZ
No.2, 3 and 4.

20 PIECES

Weight each	Order Code KEN-582
2.50kg	-7890K

KENNEDY PROFESSIONAL Hexagon Bit & Adaptor Set

½" square drive bit adaptor set contains a 10mm hex, ½" drive hand socket. Supplied in robust storage case.

Set Contents:
Hexagon
4, 5, 6, 8, 10 and 12mm.

7 PIECES

Weight each	Order Code KEN-582
2.55kg	-7900K

KENNEDY PROFESSIONAL Stud Extractor

Manufactured from chrome alloy steel with a bright nickel and chrome finish. The locking wheel has a black oxidised finish. To use, place the extractor over the stud, then fit any ½" square drive handle and turn. The locking wheel moves into place to grip the stud and then remove it. 58mm outside diameter x 65mm high.

Range (mm)	Weight each	Order Code KEN-582
6 - 19	585g	-6760K

KENNEDY PROFESSIONAL Stud Puller Set

½ Chrome vanadium clamping rollers grip worn or rounded fixings by compressing onto the fixing as the socket is turned, applying pressure to grip, turn and remove. Unscrews left and right hand threads.

Set Contents: 6mm, 8mm, 10mm, 12mm.

4 PIECES

Weight each	Order Code KEN-582
835g	-9480K

SOCKETS & ACCESSORIES - ¾" SQUARE DRIVE

KENNEDY PROFESSIONAL Swivel Handle

¾ The hinged link allows operation at varied angles to aid access in restricted areas.

¾ **3/4" DRIVE:** A heavy duty range designed to cope with the demands of industrial, agricultural machinery and heavy plant, static or mobile.

Grip	Overall Length	Order Code KEN-582
Knurled	475mm	-8100K

KENNEDY PROFESSIONAL Sliding 'T' Handle

¾ Manufactured from high quality chrome vanadium with a fully polished finish. Sliding bar gives many options for leverage within a given space.

Overall Length	Order Code KEN-582
450mm	-8040K

KENNEDY PROFESSIONAL Offset Fixed Handle

¾ Knurled grip. Chrome vanadium. Fixed wrench for applications requiring rigid set up.

Overall Length	Order Code KEN-582
300mm	-8090K

Universal Joint

¾ Knurled for extra grip.

Male x female: 3/4" x 3/4".

Overall Length	Order Code KEN-582
110mm	-8020K

Drive Converters

¾ For using a combination of square sockets in one application.

Drive F x M	Order Code KEN-582
3/4" x 1"	-8140K
1" x 3/4"	-9140K

KENNEDY PROFESSIONAL Lever Reversible Steel Handle

¾ Spring loaded ball bearing socket retainer. A high quality wrench for the professional user.

Overall Length	Number of Teeth	Order Code KEN-582
500mm	24	-8000K

KENNEDY PROFESSIONAL Disc Type Steel Handle

¾ 72 tooth reversible ratchet.

Overall Length	Number of Teeth	Order Code KEN-582
500mm	72	-8045K
	Repair Kit	-8038K

KENNEDY PROFESSIONAL Non-Reversible Rubber Grip Quick Release

¾ 36 tooth ratchet.

Overall Length	Number of Teeth	Order Code KEN-582
480mm	36	-8050K

KENNEDY PROFESSIONAL Extension Bars

¾ Manufactured from high quality chrome vanadium with a fully polished finish. All with knurled 'finger grip'.

Overall Length	Order Code KEN-582
100mm	-8070K
200mm	-8060K
400mm	-8080K

Double Ended Lug

¾ Chrome vanadium. For use in push through ratchets and similar. Male x male: 3/4" x 3/4".

Overall Length	Order Code KEN-582
60mm	-8130K

Ratchet Repair Kit

To suit ratchet number KEN-582- 8000K.

Drive Size	Order Code KEN-582
3/4	-8010K

KENNEDY PROFESSIONAL Bi-Hexagon Sockets

¾ A heavy duty range designed to cope with the demands of industrial agricultural machinery and heavy plant,static or mobile. All Kennedy® Professional sockets have a unique double knurl to give a high grip essential for a quick tool change when hands are greasy. Manufactured from chrome vanadium and fully chrome plated with a mirror finish and aluminium-free. Chamfered leading edge ensures easy fastener location. **Registered Design No. 2053516UK.**

Size	Overall Length	Order Code KEN-582
	Metric	
22	50mm	-8150K
24	50mm	-8170K
26	50mm	-8190K
27	50mm	-8200K
29	50mm	-8220K
30	53mm	-8230K
32	55mm	-8240K
33	55mm	-8250K
36	55mm	-8260K
38	60mm	-8280K
41	60mm	-8300K
46	60mm	-8320K
50	70mm	-8340K
55	70mm	-8360K
60	70mm	-8380K

Size	Overall Length	Order Code KEN-582
	AF	
7/8"	50mm	-8400K
15/16"	50mm	-8410K
1"	50mm	-8420K
11/16"	50mm	-8430K
11/8"	50mm	-8440K
13/16"	54mm	-8450K
11/4"	54mm	-8460K
15/16"	54mm	-8470K
13/8"	57mm	-8480K
17/16"	57mm	-8490K
11/2"	60mm	-8500K
15/8"	62mm	-8520K
111/16"	65mm	-8530K
13/4"	65mm	-8540K
113/16"	65mm	-8550K
17/8"	69mm	-8560K
2"	71mm	-8580K

SOCKETS & ACCESORIES - 1" SQUARE DRIVE

KENNEDY PROFESSIONAL **1" Drive** The ultimate for high torque hand applications. Designed to give strength and reliability under heavy loads. Used extensively in heavy plant, rail, shipyard and oil rig industries.

Lever Type Steel Handle with Extension

Sliding 'T'-Handle with Extension

Lever Type Steel Handle

1 Basic wrench with satin finish. Fitted with spring loaded ball bearing socket retainer.

Overall Length	Number of Teeth	Order Code KEN-582
740mm	40	**-8980K**

Spares

Description	Order Code KEN-582
Ratchet Repair Kit	**-8990K**

Sliding 'T' Handle

1 Manufactured from high quality chrome vanadium with a fully polished finish. The sliding bar will give many options for leverage within a given space.

Overall Length	Order Code KEN-582
640mm	**-9020K**

Extensions

1 Manufactured from high quality chrome vanadium with a fully polished finish. Knurled 'finger grip'.

Description	Overall Length	Order Code KEN-582
Standard	200mm	**-9040K**
Standard	400mm	**-9060K**

KENNEDY PROFESSIONAL

Bi-Hexagon Standard Sockets

1 Bi-hexagon. (12 point). This range of 1" (25mm) series sockets is the ultimate for high torque hand applications. The Bi-hexagon design gives strength and reliability under heavy loads. Used extensively in heavy plant, rail, shipyard and oil rig industries. The 12 point bi-hexagon side drive design gives a higher torque than normal sockets.
Made from chrome vanadium and fully chrome plated with a mirror finish and aluminium-free. Chamfered leading edge ensures easy fastener location.

Type	Size	Overall Length	Order Code KEN-582
Metric	36mm	65	**-9200K**
	41mm	65	**-9210K**
	46mm	70	**-9220K**
	50mm	75	**-9230K**
	55mm	80	**-9240K**
	60mm	85	**-9250K**
1	65mm	90	**-9260K**
	70mm	100	**-9270K**
	75mm	100	**-9280K**
	80mm	110	**-9290K**
AF	1½"	70	**-9360K**
	2"	70	**-9400K**
	2¼"	85	**-9420K**
1	2⅜"	85	**-9430K**
	2⅝"	85	**-9440K**
	2¾"	85	**-9450K**

KENNEDY PROFESSIONAL Socket Rail Trays

Steel trays that comprise of 430mm rails with clips for retaining ¼", ⅜" and ½" sq. drive sockets.
Trays are fitted with carry handles and hanging holes for workshop storage.

¼" Hexagon screwdriver bit holders

SRT110

SRT110
Contents:
Powder coated tray with integral hanging slots.
30x ½" sq. drive socket clips,
30x ⅜" sq. drive socket clips,
30x ¼" sq. drive socket clips,
20x ¼" hexagon screwdriver bit holders.

Product Number	Capacity	Order Code **KEN-582**
SRT110	110 Piece	**-9860K**

KENNEDY PROFESSIONAL Socket Rails & Clips

Made from steel, bright chrome plated and can be fixed or loose in a toolbox, or fitted to a bench or wall.
Can be used with any size square drive socket.

Socket Rails

Overall Length	Order Code **KEN-582**
220mm	**-9820K**
420mm	**-9840K**

Socket Clips

Sq.Drive Size	Order Code **KEN-582**
¼"	**-9880K**
⅜"	**-9890K**
½"	**-9900K**

KENNEDY PROFESSIONAL Socket Racks

Socket rails and socket clips combined together.

Sq.Drive Size	Overall Length	No of Clips	Order Code **KEN-582**
¼"	420mm	15	**-9920K**
	220mm	8	**-9930K**
⅜"	420mm	15	**-9950K**
	220mm	8	**-9960K**
½"	420mm	15	**-9980K**
	220mm	8	**-9990K**

SOCKETS & ACCESSORIES - ¼" SQUARE DRIVE

¼" Socket Set Selection Guide

1/4" - ideal for assembly and serving of small precision mechanisms associated with electrical, electronic, ignition and refrigeration work.

Order Code	Pieces	Drive Size	Socket Size Range	Deep Socket Size Range													Page
KEN-582-8800K	19	¼"	4-14mm	-	•	•	•	•			•					•	433
KEN-582-4893K	19		4-14mm	-	•	•	•	•			•					•	435
KEN-582-4895K	29		4-14mm 3/16" - 9/16" AF	-	•	•	•	•			•					•	435
SEN-582-9020K	41		4-14mm 3/16" - 1/2" AF	-	•	•	•	•			•	•		•			435
FAC-582-7102N	45		5.5-14mm	-	•	•		•				•		•	•		434
KEN-582-4897K	46		4-14mm	4-14mm	•	•	•	•	•		•	•	•				434
KEN-582-4898K	46		4-14mm 3/16" - 1/2" AF	-	•	•	•	•	•		•	•	•			•	434
KEN-582-4902K	51		4-14mm 3/16" - 9/16" AF	6-14mm, 3/16" - 9/16" AF	•	•	•	•	•		•		•			•	435
SEN-582-9040K	60		4-14mm	4-14mm	•	•	•	•	•		•	•	•	•			435
KEN-582-4896K	82		4-14mm 3/16" - 1/2" AF, 0-6BA	4-14mm	•	•	•	•	•		•	•	•		•	•	434
YMT-582-9220K	60		4-14mm 3/16" - 1/2" AF	4-14mm 3/16" - 1/2"	•	•	•	•	•	•	•		•	•		•	434
KEN-582-4899K	50	¼" ½"	4-36mm	-	•	•	•	•	•		•		•			•	434
SEN-582-9500K	120		4-32mm, 4-20mm E-TX	4-22mm	•	•	•	•		•	•	•		•	•		440

CHROME VANADIUM KENGRIP®

- Grips fasteners which are up to 95% rounded off
- Will not damage worn or rusted fasteners
- Also fits a wide range of non-metric Hexagons and E-Torx® Drive Sizes
- Fully chrome plated finish for easy clean
- Unique 'Double-Knurl' for high grip
- Aluminium-free finish

Patented Design

KENNEDY PROFESSIONAL

Side Drive Socket Sets

¼" Square Drive 19 Piece Metric Set

Metric Ken-Grip® Sockets:
4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm.

Accessories: ratchet handle, spinner handle, sliding T-handle, flexi-drive 145mm, universal joint, extension bar 100mm.

19 PIECES

Weight each	Order Code KEN-582
880g	-8800K

SOCKETS SETS - ¼" SQUARE DRIVE

KENNEDY PROFESSIONAL

Sockets have a knurl feature to give a high grip which is essential for a quick tool change when your hands are greasy/oily. The 12 point bi-hexagon side drive design will give a higher torque than normal sockets, grip worn nuts and will not round off existing nuts. Manufactured from chrome vanadium and are fully chrome plated with a mirror finish and aluminium-free. Chamfered leading edge ensures easy fastener location.
Sockets manufactured to: **ANSI B107.5M: 1987, ANSI B107.1: 1978 & BS 4006 : 1992**.
Accessories manufactured to: **ANSI B107.10M : 1982 & BS 4006 : 1992**.

1/4" Drive - 46 Piece Set - Metric

46 PIECES

Standard & Deep Sockets with Screwdriver Bits

Sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm.

Deep Sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm.

Screwdriver Bits: Slotted 4, 5.5, 7mm.
Crosspoint No.1, No.2, No.3. **Hex** 3, 4, 5, 6, 8mm.

Accessories: sliding T-handle, ratchet handle, extension bar 50 and 150mm, wobble extension 100 and 250mm, universal joint, jointed swivel handle 150mm, spinner handle.

Number of Pieces	Order Code KEN-582
46	-4897K

1/4" Drive - 46 Piece Set - Metric, AF

46 PIECES

Standard Sockets with Screwdriver Bits

Sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm.

AF Sockets: 3/16", 7/32", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2".

Screwdriver Bits: Slotted 4, 5.5mm. **Crosspoint** No.2, No.3.
Hex 3, 4, 5, 6, 8mm. **Hex** 1/8", 5/32", 3/16", 7/32", 1/4", 5/16" AF.

Accessories: sliding T-handle, ratchet handle, wobble extension 50 and 150mm, extension bars 100 and 250mm, universal joint, jointed swivel handle 150mm, flexible extension 150mm, spinner handle.

Number of Pieces	Order Code KEN-582
46	-4898K

1/4" Drive - 82 Piece Set - Socket & Screwdriver Bit - Metric, AF, BA, TX

82 PIECES

Standard & Deep Sockets with Screwdriver Bits

Sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm. 3/16", 7/32", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2" AF. 0, 1, 2, 3, 4, 5, 6BA.

Deep Sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm.

Screwdriver Bits: Slotted 4, 5.5, 7mm. **Crosspoint** No.1, No.2, No.3, No.4. **Hex** 3, 4, 5, 6, 8mm. 1/8", 5/32", 3/16", 7/32", 1/4", 5/16" AF.
TZ T6, T7, T8, T9, T10, T15, T20, T25, T27, T30, T40.

Accessories: sliding T-handle, ratchet handle, 100, 150 and 250mm extension bars, 50 and 150mm wobble extension, 150mm flexible extension, square male adaptor 3/8", 150mm jointed swivel handle, spinner handle, universal joint.

Number of Pieces	Order Code KEN-582
82	-4896K

1/4" & 1/2" Drive - 50 Piece Set - Metric

50 PIECES

Standard Sockets:
4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13mm.

Accessories: ratchet handle, sliding T-handle, 50, 150 and 250mm extension bars, 100mm wobble extension, 150mm flexible extension, universal joint, 150mm jointed swivel handle, spinner handle.

Sockets: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32, 36mm.

Accessories: quick release ratchet handle, universal joint, sliding T-handle, 375mm swivel handle, 75 and 250mm extension bars, 150mm wobble extensions.

Number of Pieces	Order Code KEN-582
50	-4899K

YAMOTO INDUSTRIAL SOCKET SETS

1/4" Square Drive 60 Piece - Metric Socket Set

- Bi-hexagon 12 point standard and deep sockets
- Chrome vanadium steel with a mirror finish and aluminium free
- Supplied in a moulded plastic case

Set includes:
- 13x Standard sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 and 14mm
- 8x Standard sockets: (AF) 3/16", 7/32", 1/4", 5/16", 11/32", 3/8", 7/16" and 1/2"
- 13x Deep sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 and 14mm
- 8x Deep sockets: (AF) 3/16", 7/32", 1/4", 5/16", 11/32", 3/8", 7/16" and 1/2"

Screwdriver socket bits:
- 2x Crosspoint: No.2 and No.3
- 5x Hexagon: 3, 4, 5, 6 and 8mm
- 4x TX: T15, T20, T25 and T30

Plus: Sliding T-handle, quick release lever ratchet, 50 and 150mm extension bars, 150mm wobble extension, spinner handle and universal joint.

Sockets manufactured to: **ANSI B107.5M:2012.**
Accessories manufactured to: **ANSI B107.10M:2005.**

60 PIECES

Drive Size in.	No. Peices	Order Code YMT-582
1/4	60	-9220K

SOCKET SETS - ¼" SQUARE DRIVE

SENATOR QUALITY TOOLING

¼" Drive - 41 Piece Set - Metric

-9020K (Not Shown)

Sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14. 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16" and 1/2" AF .
Screwdriver Bits: Slotted: 4, 5.5, 7mm. **Crosspoint:** No.1, No.2, No.3. **Hex:** 3, 4, 5, 6, 8mm.
Accessories: Sliding T-handle, ratchet handle, spinner handle, 50, 75 and 150mm extension bars, universal joint, hex bit adaptor.

¼" Drive - 60 Piece Set - Metric

-9040K

Sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm.
Deep Sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm.
Screwdriver Bits: Slotted: 4, 5.5, 7mm. **PZ:** No.1, No.2, No.3.
Crosspoint: No.1, No.2, No.3.
Hex: 2, 2.5, 3, 4, 5, 6mm.
TX: T6, T8, T10, T15, T20, T25, T30, T40.
Accessories: Sliding T-handle, ratchet handle, 50, 75 and 150mm extension bars, 50 and 150mm wobble extension, 150mm jointed swivel handle, spinner handle, universal joint. hex bit adaptor.

60 PIECES

Number of Pieces	Order Code SEN-582
41	-9020K
60	-9040K

KENNEDY PROFESSIONAL

Manufactured from chrome vanadium and are fully chrome plated with a mirror finish and aluminium-free.
Chamfered leading edge ensures easy fastener location.
Sockets made to: **ANSI B107.5M : 1987, ANSI B107.1 : 1978 & BS 4006 : 1992.**
Accessories made to: **ANSI B107.10M : 1982 & BS 4006 : 1992.**

¼" Drive - 19 Piece Set - Metric

Metric Hex Sockets:
4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm.

¼" Drive - 29 Piece Set - Metric, AF

Metric Sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm.
AF Sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16".
Accessories for TS19M & TS29MA:
ratchet handle, spinner handle, sliding T-handle, flexi-drive 145mm, universal joint, extension bar 100mm.

TS19M

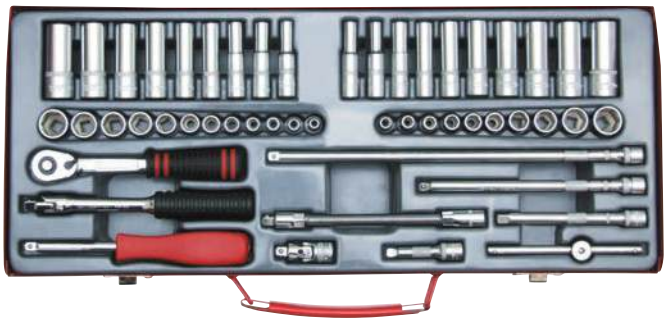
Number of Pieces	Order Code KEN-582
19	-4893K
29	-4895K

KENNEDY PROFESSIONAL

¼ Drive - 51 Piece Set - Metric, AF

TSD51MA
Standard & Deep Sockets

Standard Sockets (Metric): 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm.
Deep Sockets (Metric): 6, 7, 8, 9, 10, 11, 12, 13, 14mm.
Standard Sockets (AF): 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16".
Deep Sockets (AF): 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16".
Accessories: ratchet handle (rubber grip), 100mm sliding T-handle, 100 and 250mm extension bars, 50 and 150mm wobble extensions, universal joint, spinner handle, 150mm flexible extension, swivel handle rubber grip.



51 PIECES

Number of Pieces	Order Code KEN-582
3.2kg	-4902K

1/4in. Swivel Handle

Scan the QR code

SOCKETS SETS - ⅜" SQUARE DRIVE

⅜" Socket Set Selection Guide

⅜ Drive - Used in the automotive and aerospace industries. The weight to strength ratio ensures the relability and accessibility that is so important on the type of production.

Order Code	Pieces	Drive Size	Socket Size Range	Deep Socket Size Range												Page
KEN-582-6190K	25	3/8"	-	8-22mm ⅜" - 13/16" AF	•		•		•							437
KEN-582-6170K	30		6-22mm	-	•	•	•	•	•	•		•	•			437
KEN-582-6175K	40		6-22mm ¼" - ⅞" AF	-	•	•	•	•		•			•	•	•	437
KEN-582-6180K	50		6-22mm	10-22mm	•	•	•	•	•		•	•	•	•	•	437
KEN-582-8810K	50		6-22mm	10-22mm	•	•	•	•	•		•	•	•	•	•	436
YMT-582-9240K	54		6-22mm	10-22mm	•	•	•	•	•	•	•	•	•	•		438
YMT-582-9260K	55		6-22mm ¼" - ⅞" AF	10-22mm ⅜" - 1 3/16" AF	•	•	•	•		•			•	•		438
KEN-582-6185K	90		6-22mm ¼" - ⅞" AF ⅛" - ½" BSW	-	•	•	•	•	•		•	•	•	•	•	438

CHROME VANADIUM

- Grips fasteners which are up to 95% rounded off
- Will not damage worn or rusted fasteners
- Also fits a wide range of non-metric Hexagons and E-Torx® Drive Sizes
- Fully chrome plated finish for easy clean
- Unique 'Double-Knurl' for high grip
- Aluminium-free finish

KENGRIP®

Patented Design

KENNEDY PROFESSIONAL

⅜" Square Drive 50 Piece Metric Set

Ken-Grip® Standard & Deep Sockets
Standard: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 and 22mm.
Deep: 10, 11, 12, 13, 14, 15, 17, 19 and 22mm.
Screwdriver Bits: Slotted 5, 5.5 and 6.5mm.
Crosspoint No.1, 2, 3, 4.
Hexagon Sockets: 3, 4, 5, 6, 8, 10mm.
Accessories: ratchet handle, sliding T-handle, spinner handle, swivel handle, universal joint, 125 and 250mm extensions, 250mm wobble extensions, ¼" and ½" male adaptors, ¼" socket bit coupler.
Robust fitted case with security padlock hole and cushion grip handle.

50 PIECES

Weight each	Order Code KEN-582
3.00kg	-8810K

SOCKETS SETS - 3/8" SQUARE DRIVE

KENNEDY PROFESSIONAL

All Kennedy® professional sockets have a double knurl feature to give a high grip which is essential for a quick tool change when your hands are greasy/oily. The 12point bi-hexagon side drive design will give a higher torque than normal sockets, grip worn nuts and will not round off existing nuts. Manufactured from chrome vanadium and are fully chrome plated with a mirror finish and aluminium-free. Chamfered leading edge ensures easy fastener location. Sockets manufactured to: **ANSI B107.5M: 1987, ANSI B107.1: 1978 & BS 4006 : 1992**.
Accessories manufactured to: **ANSI B107.10M : 1982 & BS 4006 : 1992**.

3/8" Drive - 30 Piece Set - Socket & Screwdriver Bit - Metric

30 PIECES

Sockets: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21 and 22mm.
Spark Plug Sockets: M10 and M14.
Screwdriver Bits: Slotted 5mm, 6mm. **Crosspoint** No.1, 2, 3, 4.
Accessories: ratchet handle,sliding T-handle, swivel handle, universal joint, 75mm extension bar, 150mm wobble extension, parts tray with magnetic insert. Robust fitted case with security padlock hole and cushion grip handle.

Number of Pieces	Order Code KEN-582
30	-6170K

Accessories

Description	Order Code KEN-567
Locking Clasps (Pair)	-6000K

3/8" Drive - 25 Piece Set - Deep - Metric, AF

25 PIECES

Bi-Hex Sockets Deep Sockets:
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22mm. 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" and 13/16" AF.
Accessories: swivel handle, sliding T-bar, 125mm extension. Parts tray with magnetic insert. Robust fitted case with security padlock hole and cushion grip handle.

Number of Pieces	Order Code KEN-582
25	-6190K

Accessories

Description	Order Code KEN-567
Locking Clasps (Pair)	-6000K

3/8" Drive - 40 Piece Set - Metric, AF

40 PIECES

Metric & Inch Sockets: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm. 1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16" and 7/8" AF.
Spark Plug Sockets: M10 and M14.
Accessories: ratchet handle, sliding T-handle, universal joint, 75 and 150mm extension bars, 150mm wobble extension, 1/4" and 1/2" male adaptors, 1/4" hexagon coupler. Robust fitted case with security padlock hole and cushion grip handle.

Number of Pieces	Order Code KEN-582
40	-6175K

Accessories

Description	Order Code KEN-567
Locking Clasps (Pair)	-6000K

3/8" Drive - 50 Piece Set - Socket & Screwdriver Bit - Metric

50 PIECES

Standard & Deep Sockets
Standard: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 and 22mm.
Deep: 10, 11, 12, 13, 14, 15, 17, 19 and 22mm.
Screwdriver Bits: Slotted 5, 5.5 and 6.5mm.
Crosspoint No.1, 2, 3, 4. **Hex** 3, 4, 5, 6, 8 and 10mm.
Accessories: ratchet handle, sliding T-handle, spinner handle, swivel handle, universal joint, 125 and 250mm extensions, 250mm wobble extensions, 1/4" and 1/2" male adaptors, 1/4" hex bit coupler. Robust fitted case with security padlock hole and cushion grip handle.

Number of Pieces	Order Code KEN-582
50	-6180K

Accessories

Description	Order Code KEN-567
Locking Clasps (Pair)	-6000K

SOCKETS SETS - 3/8" SQUARE DRIVE

KENNEDY PROFESSIONAL

3/8" Drive - 90 Piece Set - Socket & Screwdriver Bit - Metric, AF, BSW

Sockets: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm. 1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16" and 7/8" AF. 1/8", 3/16", 1/4", 5/16", 3/8", 7/16" and 1/2" Whit.

Screwdriver Bits:
Slotted 3/16", 7/32" and 1/4". **Crosspoint** No.1, 2, 3, 4. **PZ** No.1, No.2, No.3. **TX** T6, T7, T8, T9, T10, T15, T20, T25, T27, T30, T40, T45, T50. **Hex** 3, 4, 5, 6, 8, 10mm. 1/8", 5/32", 3/16", 7/32", 1/4", 5/16" and 3/8" AF.

Spark Plug Sockets: M10 and M14.

Accessories: ratchet handle, sliding T-handle, spinner handle, swivel handle, universal joint. 75, 125, 150, 250, 300 and 450mm extensions, 150 and 250mm wobble extensions, 1/4" and 1/2" male adaptors, 1/4" hexagon coupler. Robust fitted case with security padlock hole and cushion grip handle.

90 PIECES

No of Pieces	Order Code KEN-582
90	-6185K

Accessories

Description	Order Code KEN-567
Locking Clasps (Pair)	-6000K

YAMOTO INDUSTRIAL SOCKET SETS

Manufactured from industrial quality chrome vanadium steel with high polished corrosion resistant finish. The bi-hexagonal design allows a higher torque to be applied and will not round off existing nuts.
Sockets manufactured to: **ANSI B107.5M:1987**. Accessories manufactured to: **ANSI B107.10M:1982**.

3/8" Drive - 54 Piece Set - Metric

Sockets: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm.
Deep Sockets: 10, 11, 12, 13, 14, 15, 17, 19, 22mm.
Spark Plug Sockets: M10 and M14.
Screwdriver Socket Bits: Phillips: No.1, 2, 3.
Slotted: 5, 6mm. **TX:** T10, T15, T20, T30, T40, T50.
Hex: 3, 4, 5, 6, 8, 10mm.
3/8" dr. sq. female x 1/4" hex bit adaptor.

Accessories: lever type quick release ratchet, sliding T-handle, swivel handle, 200mm spinner handle, universal joint, 75mm and 150mm extension bars, 250mm wobble extension.

Sockets manufactured to:
ANSI B107.5M:2012.
Accessories manufactured to:
ANSI B107.10M:2005.

54 PIECES

No of Pieces	Order Code YMT-582
54	-9240K

3/8" Drive - 55 Piece Set - Metric, AF

Sockets: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm.1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8" AF.
Deep Sockets: 10, 11, 12, 13, 14, 15, 17, 19, 22mm. 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16" AF.
Spark Plug Sockets: M10 and M14.
Accessories: lever type quick release ratchet, sliding T-handle, universal joint, 75mm and 150mm extension bars, 250mm wobble extension, 3/8"dr. sq. female x 1/4" hex bit coupler.

Sockets manufactured to:
ANSI B107.5M:2012.
Accessories manufactured to:
ANSI B107.10M:2005.

55 PIECES

Number of Pieces	Order Code YMT-582
55	-9260K

3/8in. Drive, Torx Socket

Scan the QR code

SOCKETS SETS - ½" SQUARE DRIVE

½" Socket Set Selection Guide

½ Drive - Most popular drive size used in the service and maintenance industries. This popularity is due to the strength and robust nature on the ½ drive.

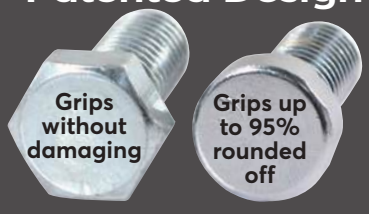
Order Code	Pieces	Drive Size	Socket Size Range	Deep Socket Size Range															Page
KEN-582-7983K	20	½"	10-32mm	-	•	•	•	•		•									440
SEN-582-9220K	23		10-32mm	-	•	•	•	•											442
KEN-582-7985K	25		8-32mm	-	•	•	•	•		•									440
KEN-582-7991K	30		8-32mm	-	•	•	•	•		•									441
KEN-582-8820K	30		8-32mm	-	•	•	•	•		•									439
KEN-582-7987K	30		8-24mm, ⅜" - ⅞" AF	-	•	•	•	•		•									441
KEN-582-7940K	30		8-32mm	-	•	•	•	•		•									965
YMT-582-9280K	30		8-32mm	-	•	•	•	•		•									967
KEN-582-7997K	30		-	10-32mm, ½" - 1 ¼" AF					•								•		441
SEN-582-9260K	37		10-32mm	10-24mm	•	•	•	•		•									442
SEN-582-9240K	41		10-27mm, ⅜" - 1 ¼" AF, ⅛" - ⅝" BSW	-	•	•	•	•		•									442
KEN-582-7993K	50		8-36mm	-	•	•	•	•	•	•		•							443
YMT-582-9320K	50		8-32mm, 5/16" - 1 ¼" AF, 3/16" - ⅝" BSW	-	•	•	•	•	•	•									443
KEN-582-7995K	70		8-36mm, 5/16" - 1 ¼" AF, ⅛" - ¾" BSW	-	•	•	•	•	•	•			•	•	•				443
KEN-582-4899K	50	¼"- ½"	4-36mm	-	•	•	•	•	•		•		•			•			434
SEN-582-9500K	120		4-32mm, 4-20mm E-TX	4-22mm	•	•	•	•		•	•	•		•	•				440

CHROME VANADIUM

- Grips fasteners which are up to 95% rounded off
- Will not damage worn or rusted fasteners
- Also fits a wide range of non-metric Hexagons and E-Torx® Drive Sizes
- Fully chrome plated finish for easy clean
- Unique 'Double-Knurl' for high grip
- Aluminium-free finish

KENGRIP®

Patented Design



½" Drive 30 Piece Set - Metric

½

Ken-Grip®: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22,23, 24, 25, 26, 27, 30 and 32mm.

Spark Plug Sockets: M10 and M14.

Accessories: quick release ratchet handle, sliding T-handle, universal joint, 75, 125 and 250mm extension bars. Robust fitted case with security padlock hole and cushion grip handle.

30 PIECES

Number of Pieces	Weight each	Order Code KEN-582
30	5.50kg	-8820K

SOCKETS SETS - ½" SQUARE DRIVE

KENNEDY PROFESSIONAL

All Kennedy® Professional sockets have a knurl feature to give a high grip which is essential for a quick tool change when your hands are greasy/oily. The 12 point bi-hexagon side drive design will give a higher torque than normal sockets, grip worn nuts and will not round off existing nuts. Manufactured from chrome vanadium and are fully chrome plated with a mirror finish and aluminium-free. Chamfered leading edge ensures easy fastener location. Sockets manufactured to: **ANSI B107.5M : 1987, ANSI B107.1 : 1978 & BS 4006 : 1992**.
Accessories manufactured to: **ANSI B107.10M : 1982 & BS 4006 : 1992**.

½" Drive - 20 Piece Set - Metric

20 PIECES

Sockets: 10, 11, 12, 13, 14, 15, 17, 19, 22, 24, 27, 30 and 32mm.
Spark Plug Sockets: M10 and M14.
Accessories: quick release ratchet handle, sliding T-handle, universal joint, 125 and 250mm extension bars. Robust fitted case with security padlock hole and cushion grip handle.

Number of Pieces	Weight Each	Order Code KEN-582
20	4.90kg	-7983K

Accessories

Description	Order Code KEN-567
Locking Clasps (Pair)	-6000K

½" Drive - 25 Piece Set - Metric

25 PIECES

Sockets: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24, 27, 30 and 32mm.
Spark Plug Sockets: M10 and M14.
Accessories: quick release ratchet handle, sliding T-handle, universal joint, 75, 125 and 250mm extension bars. Robust fitted case with security padlock hole and cushion grip handle.

Number of Pieces	Weight Each	Order Code KEN-582
25	4.90kg	-7985K

Accessories

Description	Order Code KEN-567
Locking Clasps (Pair)	-6000K

½"Drive - 30 Piece Set - Metric

Sockets: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30 and 32mm.
Spark Plug Sockets: M10 and M14.
Accessories: quick release ratchet handle, universal joint, sliding T-handle, 75, 125 and 250mm extension bars.
Supplied in a fitted impact-resistant plastic carry case with a cushioned handle,
snap-shut clasps and padlock hasp hole.

30 PIECES

Number of Pieces	Weight Each	Order Code KEN-582
30	5.55kg	-7940K

SENATOR QUALITY TOOLING

¼" & ½" Drive - 120 Piece Set - Socket & Spanner - Metric

120 PIECES

Sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11,12, 13mm
Deep Sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10mm.
E-Sockets: 4, 6 and 8mm.
Converters: ¼" hex bit adaptor, ¼"sq. female x ⅜"dr. male converter.
Hex Bits: Slotted: 4, 5.5,7mm. **Crosspoint:** No.1, No.2, No.3, No.4.
Hex: 3, 4, 5, 6, 8mm. ⅛", 5/32", 3/16", 7/32", ¼", 5/16" AF.
Accessories: 50, 75, 150mm extension bars, universal joint, sliding T-bar, spinner handle, ratchet handle.

Sockets: 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32mm.
Deep Sockets: 16, 17, 18, 19, 21, 22mm.
E-Sockets: 16, 18 and 20mm.
Spark Plug Sockets: 16 and 21mm.
Converters: ½" sq. female x ⅜" sq. male converter, ½" sq. female x ¼" hex bit adapter.
Accessories: 75, 125, 250mm extensions bars, universal joint, sliding T-bar, ratchet handle.

Bits: TX: T6, T7, T8, T9, T10, T15, T20, T25, T27, T30, T40.
PZ: No.1, No.2, No.3, No.4.
Magnetic Bit: ¼" Hex Driver, adjustable spanner.
Combination Spanners: 8 - 19mm
9 Hex Key Wrenches: 1.5 - 10mm.

Number of Pieces	Weight Each	Order Code SEN-582
120	9.24kg	-9500K

SOCKETS SETS - ½" SQUARE DRIVE

KENNEDY PROFESSIONAL

All Kennedy® Professional sockets have a knurl feature to give a high grip which is essential for a quick tool change when your hands are greasy/oily. The 12 point bi-hexagon side drive design will give a higher torque than normal sockets, grip worn nuts and will not round off existing nuts. Manufactured from chrome vanadium and are fully chrome plated with a mirror finish and aluminium-free. Chamfered leading edge ensures easy fastener location. Sockets manufactured to: **ANSI B107.5M : 1987, ANSI B107.1 : 1978 & BS 4006 : 1992**.
Accessories manufactured to: **ANSI B107.10M : 1982 & BS 4006 : 1992**.

½" Drive - 30 Piece Set - Metric

30 PIECES

Sockets: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30 and 32mm.
Spark Plug Sockets: M10 and M14.

Accessories: quick release ratchet handle, sliding T-handle, universal joint, 75, 125 and 250mm extension bars. Robust fitted case with security padlock hole and cushion grip handle.

Number of Pieces	Weight Each	Order Code KEN-582
30	5.50kg	-7991K

Accessories	Order Code KEN-567
Locking Clasps (Pr)	-6000K

½" Drive - 30 Piece Set - Metric, AF

30 PIECES

Sockets: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22 and 24mm.
3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" and 7/8" AF.
Spark Plug Sockets: M10 and M14.

Accessories: quick release ratchet handle, sliding T-handle, universal joint, 75, 125 and 250mm extension bars. Robust fitted case with security padlock hole and cushion grip handle.

Number of Pieces	Weight Each	Order Code KEN-582
30	5.30kg	-7987K

Accessories	Order Code KEN-567
Locking Clasps (Pr)	-6000K

½" Drive - 30 Piece Set - Deep - Metric, AF

30 PIECES

Sockets: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 26, 27, 30 and 32mm. 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/8" and 1 1/4" AF.

Accessories: offset handle, swivel handle. Parts tray with magnetic insert. Robust fitted case with security padlock hole and cushion grip handle.

Number of Pieces	Weight Each	Order Code KEN-582
30	12.2kg	-7997K

Accessories	Order Code KEN-567
Locking Clasps (Pr)	-6000K

Socket Sets

See our range

Scan the QR code

SOCKETS SETS - ½" SQUARE DRIVE

YAMOTO INDUSTRIAL SOCKET SETS

½" Square Drive Manufactured from industrial quality chrome vanadium steel with corrosion resistant high polish mirror finish, aluminium-free. The 12 point bi-hexagonal side drive sockets allow higher torques to be applied to nuts without damage and grip worn nuts. The strength and robust design of ½" drive make them suitable for the heavy use encountered in agriculture, service and maintenance industries. Sockets manufactured to: **ANSI B107.5M:1987**. Accessories manufactured to: **ANSI B107.10M:1982**.

½" Drive - 30 Piece Set- Metric

½

Sockets: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32mm.

Spark Plug Sockets: M10 and M14.

Accessories: lever type quick release ratchet, sliding T-handle, universal joint, 75, 125 and 250mm extension bars.

Sockets manufactured to:
ANSI B107.5M:2012.
Accessories
ANSI B107.1

30 PIECES

No of Pieces	Weight Each	Order Code YMT-582
30	4.70kg	-9280K

SENATOR QUALITY TOOLING ½" Drive - 37 Piece Set - Metric

½

Sockets: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32mm.
Deep sockets: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24mm.
Spark Plug Sockets:
16 and 21mm.
Accessories:
Sliding T-handle, ratchet handle, 75, 125, 250mm extension bars, universal joint.

37 PIECES

No of Pieces	Weight Each	Order Code SEN-582
37	6.03kg	-9260K

SENATOR QUALITY TOOLING ½" Drive - 23 Piece Set - Metric

½

Sockets: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32mm.

Accessories: sliding T-handle, ratchet handle, universal joint, 125 and 250mm extension bars.

23 PIECES

No of Pieces	Weight Each	Order Code SEN-582
23	4.3kg	-9220K

SENATOR QUALITY TOOLING ½" Drive - 41 Piece Set- Metric, AF & BSW

½ **Sockets:** Metric 10, 11, 12, 13, 14, 15, 17, 19, 20, 21, 22, 24 and 27.
3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/16", 1 1/4" AF.

½ 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8" BSW.

Accessories:
100mm and 200mm extension bars, ratchet handle and sliding T-handle.

41 PIECES

No of Pieces	Weight Each	Order Code SEN-582
41	4.3kg	-9240K

KENNEDY PROFESSIONAL ½" Drive - 50 Piece Set - Socket & Screwdriver Bit - Metric

Sockets: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33 and 36mm.
Screwdriver Bits: Crosspoint No.2, No.3, No.4. **Hex** 4, 5, 6, 7, 8, 10, 12, 14, 17 and 19mm. **Screwdriver Bits:** 9 and 14mm

Spark Plug Sockets: M10 and M14.

Accessories: Quick release ratchet handle, sliding T-handle, swivel handle, universal joint 75, 125 and 250mm extension bars. Parts tray with magnetic insert. Robust fitted case with security padlock hole and cushion grip handle.

50 PIECES

No of Pieces	Weight Each	Order Code KEN-582
50	9.85kg	-7993K

Accessories	Order Code KEN-567
Locking Clasps (Pr)	-6000K

KENNEDY PROFESSIONAL ½" Drive - 70 Piece Set - Metric, AF, BSW

Sockets: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33 and 36mm.
5/16", 3/8", 7/16", 1/2", 9/16", 19/32", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/16", 1 1/8", 1 3/16" and 1 1/4" AF. 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16" and 3/4" Whit.

Hex Bit Adaptors: 1/4" and 5/16".

Spark Plug Sockets: M10 and M14.

Convertors: 1/2" sq. female x 3/4" sq. male, 1/2" sq. female x 3/8" sq. male.

Accessories: quick release ratchet handle, sliding T-handle, swivel handle, universal joint, 75, 125, 250, and 450mm extension bars, 125 and 250mm wobble extensions. Robust fitted case with security padlock hole and cushion grip handle.

70 PIECES

No of Pieces	Weight Each	Order Code KEN-582
70	12.2kg	-7995K

Accessories	Order Code KEN-567
Locking Clasps (Pr)	-6000K

YAMOTO INDUSTRIAL SOCKET SETS Manufactured from industrial quality chrome vanadium steel with corrosion resistant high polish mirror finish, aluminium-free. The 12 point bi-hexagonal side drive sockets allow higher torques to be applied to nuts without damage and grip worn nuts. Sockets manufactured to: **ANSI B107.5M:1987**. Accessories manufactured to: **ANSI B107.10M:1982**.

½" Drive - 50 Piece Set - Metric, AF, BSW

Sockets: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32mm.
5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/16", 1 1/8", 1 1/4" AF.
3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8" Whit.
Spark Plug Sockets: M14 and M10.
Accessories: Quick release lever ratchet, sliding T-handle, swivel handle with rubber grip, universal joint, extension bars 125 and 250mm.

Sockets manufactured to: **ANSI B107.5M:2012**.
Accessories manufactured to: **ANSI B107.10M:2005**.

50 PIECES

No of Pieces	Weight Each	Order Code YMT-582
50	7.1kg	-9320K

SOCKET SETS - ¾" & 1" SQUARE DRIVE

¾" Socket Set Selection Guide

¾" & 1" Drive - heavy duty range designed to cope with the demands of industrial agriculture machinery and heavy plant, static or mobile.

Order Code	Pieces	Drive Size	Socket Size Range							Page
KEN-582-8720K	22	¾"	22-60mm	•	•	•	•	•		444
SEN-582-9320K	26		22-50mm, ⅞" - 2" AF	•	•	•				445
KEN-582-8740K	36		22-50mm, ⅞" - 2" AF	•	•	•	•		•	445
KEN-582-9470K	15	1"	36-80mm	•	•	•				445

KENNEDY PROFESSIONAL

¾" Drive A heavy duty range designed to cope with the demands of industrial agriculture machinery and heavy plant, static or mobile. All Kennedy® Professional sockets have a knurl feature to give a high grip which is essential for a quick tool change when your hands are greasy/oily. The 12 point bi-hexagon side drive design will give a higher torque than normal sockets, grip worn nuts and will not round off existing nuts. Manufactured from chrome vanadium and are fully chrome plated with a mirror finish and aluminium-free. Chamfered leading edge ensures easy fastener location.
Sockets manufactured to: **ANSI B107.5M: 1987,**
ANSI B107.1: 1978 & BS 4006: 1992.
Accessories manufactured to:
ANSI B107.10M: 1982 & BS 4006: 1992.

¾" - Drive - 22 Piece Set - Metric

¾

Bi-Hexagon Sockets:
22, 24, 26, 27, 29, 30, 32, 33, 36, 38, 41, 46, 50, 55 and 60mm.

Accessories: lever type ratchet, sliding T-handle, swivel handle, universal joint, 100, 200 and 410mm extension bars.
Robust fitted case with security padlock hole and cushion grip handle.

22 PIECES

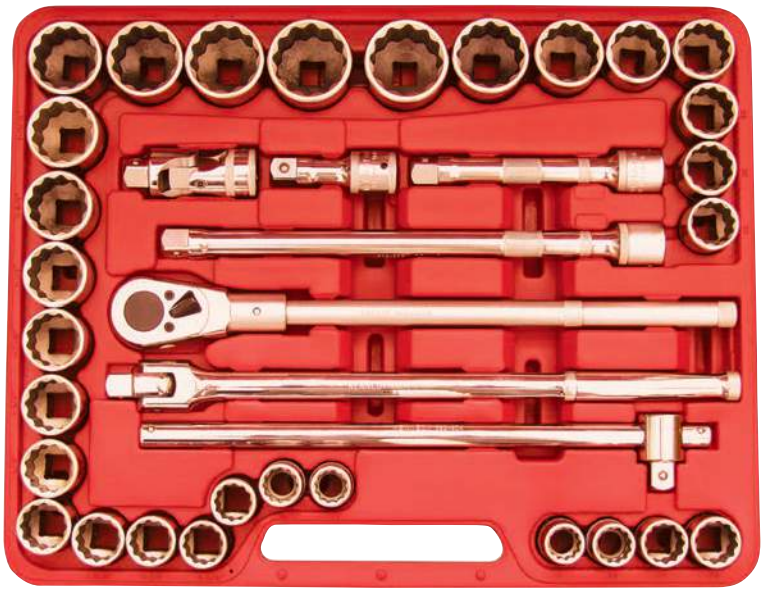
No. of Pieces	Weight each	Order Code KEN-582
22	23.8kg	-8720K

SOCKET SETS - ¾" & 1" SQUARE DRIVE

KENNEDY PROFESSIONAL ¾" Drive - 36 Piece Set - Metric, AF

Bi-Hexagon Sockets:
22, 24, 27, 29, 30, 32, 33, 36, 38, 41, 46, and 50mm. ⅞", 15/16", 1", 1 1/16", 1⅛", 1 3/16", 1¼", 1 5/16", 1⅜", 1 7/16", 1½", 1⅝", 1 11/16", 1¾", 1 13/16", 1⅞" and 2" AF.

Accessories: ratcheting head with 550mm universal handle, sliding T-handle, 1" to ¾" converter, 200 and 400mm extension bars.



36 PIECES

No of Pieces	Weight Each	Order Code KEN-582
36	29.3kg	-8740K

KENNEDY PROFESSIONAL 1" Drive - 15 Piece Set - Metric

Sockets:
36, 41, 46, 50, 55, 60, 65, 70, 75 and 80mm.

Accessories: ratchet and sliding T-handle, 550mm universal handle, 200 and 400mm extension bars.

15 PIECES

No of Pieces	Weight Each	Order Code KEN-582
15	18.0kg	-9470K

SENATOR QUALITY TOOLING ¾" Drive - 26 Piece Set - Metric, AF

Sockets: 22, 24, 27, 30, 32, 36, 38, 41, 46, 50mm. ⅞", 5/16", 1", 1⅛", 1 3/16", 1 5/16", 1⅜", 1 7/16", 1⅝", 1¾", 1⅞", 2".

Accessories: 100mm and 200mm extension bars, ratchet handle and sliding T-handle.

26 PIECES

No of Pieces	Weight Each	Order Code SEN-582
26	16.24kg	-9320K

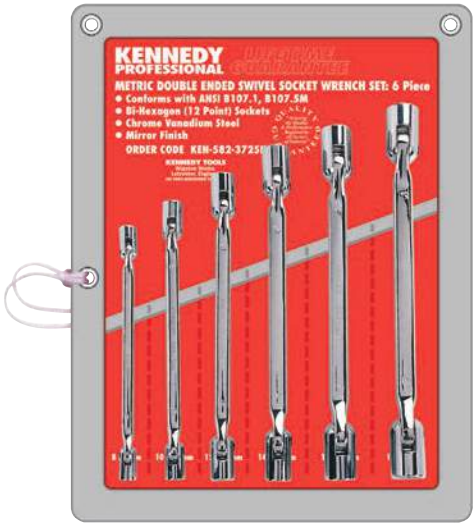
KENNEDY PROFESSIONAL Swivel End Socket Wrenches

Designed to give greater flexibility and improved access when working in difficult conditions. Bi-hexagon (12 point). Manufactured from fully polished chrome vanadium steel. Conform with **ANSI B107.5M**.

Size (mm)	Overall Length	Weight each	Order Code KEN-582
8 x 9	175	135g	**-3670K**
10 x 11	185	135g	**-3680K**
12 x 13	196	150g	**-3690K**
14 x 15	220	200g	**-3700K**
16 x 17	240	245g	**-3710K**
18 x 19	265	295g	**-3720K**

Set
6 Piece Bi-hexagon: 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17 and 18 x 19mm.

6 PIECES



No. of Pieces	Weight each	Order Code KEN-582
6	1.40kg	**-3725K**

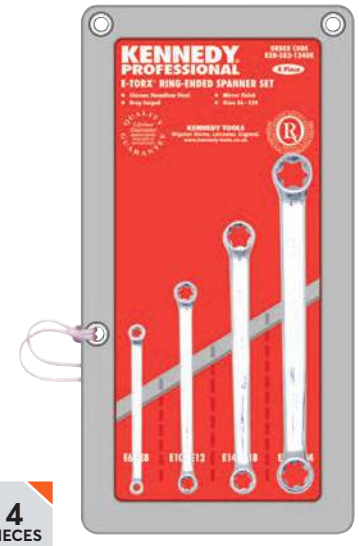
KENNEDY PROFESSIONAL E-Torx® Ring Spanners

Manufactured from drop forged chrome vanadium steel. Polished finish.
Set is supplied in wallet with hanging holes.

Size	Weight each	Order Code KEN-582
E6 x E8	16g	**-1200K**
E10 x E12	38g	**-1210K**
E14 x E18	81g	**-1220K**
E20 x E24	156g	**-1230K**

Set
4 Piece E-Torx: E6 x E8, E10 x E12, E14 x E18 and E20 x E24mm

4 PIECES



Weight each	Order Code KEN-582
440g	**-1240K**

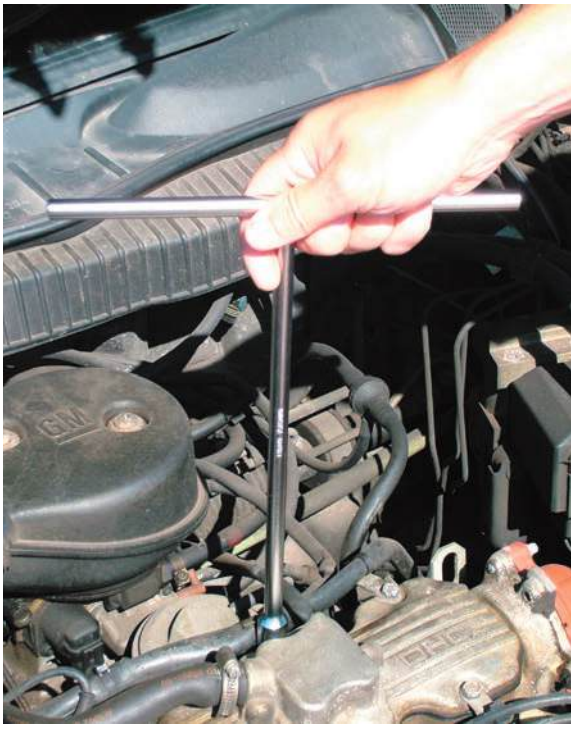
KENNEDY QUALITY INDUSTRIAL TOOLING Adjustable Pin Wrench

Forged in chrome vanadium steel, the wrench is adjusted by turning the centre screw. It can be used on nuts with bolts bored on the face and is supplied with 8 interchangeable pins which are double round ended for nuts with top holes. Thread spec of all the pins is M9*1.25P

Description	Capacity	Order Code KEN-581
Adjustable Pin Wrench	20-100mm	-1300K
Pins to Suit	2.5-4mm	-1350K
	6-8mm	-1360K
	3-5mm	-1370K
	7-9mm	-1380K

KENNEDY QUALITY INDUSTRIAL TOOLING T-Type Wrenches

For use in restricted areas. Ideally suited to changing spark plugs as the one piece design ensures that no socket or extension bar can become stuck on the plug or drop into the engine compartment. Single hex. Manufactured from chrome vanadium steel.



Size (mm)	Overall Length	Weight each	Order Code KEN-582
9	260	220g	-9660K
12	260	400g	-9690K

KENNEDY QUALITY INDUSTRIAL TOOLING Strap & Chain Wrenches

Used for gripping round and irregular shaped items, tubes and piping. Ideal for oil filters, hot radiator caps and hub caps. Both types suitable for 60 - 140mm diameters.

Chain Type: Hardened chrome vanadium handle with heavy duty chain for a positive grip.

Strap Type: Hardened chrome vanadium handle with industrial strength rubber strap that will not mark or scratch workpieces.

Type	Weight each	Order Code KEN-582
Strap	280g	-9500K
Chain	430g	-9520K

KENNEDY QUALITY INDUSTRIAL TOOLING 385mm Spanner Extension Wrench

- 385mm length provides extra leverage and access to confined spaces
- Made from high-quality materials for longevity and reliable performance
- Increases the power of your existing wrenches for tough jobs

Overall Length	Order Code KEN-582
385mm	-5477T

Metric Combination Spanners

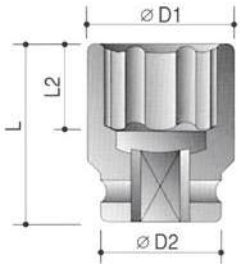
Scan the QR code

KENNEDY QUALITY INDUSTRIAL TOOLING Chrome Molybdenum Impact Sockets & Accessories

Manufactured from high quality chrome molybdenum steel.
Black oxidised finish with permanent laser etched markings.

1/4" Drive Metric, Standard Length, 6-Point

Conform to: **DIN 3129**.

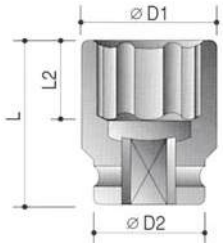


Style A Style B

Socket (mm)	Style	Dimensions (mm) D2	D1	L2	L	Order Code KEN-583
6	A	13.0	10.0	6.0	23.0	-8501K
7	A	13.0	11.3	6.0	23.0	-8502K
8	A	13.0	12.5	7.0	23.0	-8503K
9	A	13.0	13.8	7.0	23.0	-8504K
10	A	13.0	15.0	7.0	23.0	-8505K
11	B	13.0	16.3	8.0	23.0	-8506K
12	B	13.0	17.0	8.0	23.0	-8507K
13	B	13.0	19.0	13.0	24.0	-8508K
14	B	13.0	20.0	8.0	23.0	-8509K

3/8" Drive Metric, Standard Length, 6-Point

Conform to: **DIN 3129**.



Style A Style AA
Style B Style C

Socket (mm)	Style	Dimensions (mm) D2	D1	L2	L	Order Code KEN-583
6	A	19.0	11.0	4.0	30.0	-8514K
7	A	19.0	12.5	8.0	30.0	-8515K
8	A	19.0	13.8	8.0	30.0	-8516K
9	A	19.0	15.0	8.0	30.0	-8517K
10	A	19.0	16.0	8.0	30.0	-8518K
11	A	19.0	17.5	9.0	30.0	-8519K
12	AA	19.0	18.0	12.0	30.0	-8520K
13	A	22.0	20.0	9.0	30.0	-8521K
14	A	22.0	21.0	9.0	30.0	-8522K
15	B	22.0	22.0	11.0	30.0	-8523K
16	C	22.0	24.0	11.0	30.0	-8524K
17	AA	22.0	25.0	15.0	30.0	-8525K
18	C	22.0	26.0	11.0	30.0	-8526K
19	C	22.0	27.7	15.0	30.0	-8527K
21	C	22.0	30.0	13.0	30.0	-8529K
22	C	24.0	32.0	13.0	30.0	-8530K

KENNEDY PROFESSIONAL Impact Socket Reducer

- Manufactured from high quality chrome molybdenum steel
- Black oxidised finish with permanent laser etched markings

Female Drive in.	Male Drive in.	Overall Length mm	Order Code KEN-583
1/4	3/8	32	-9075K
3/8	1/4	32	-9076K

1/4" Drive Extension Bars

Length (mm)	Order Code KEN-583
50 (2")	-9105K
100 (4")	-9106K

3/8" Drive Extension Bars

Length (mm)	Order Code KEN-583
75 (3")	-9110K
100 (4")	-9111K

Chrome Molybdenum Impact Socket

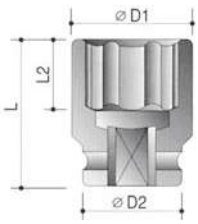
Scan the QR code

SOCKET SETS - 3/8" SQUARE DRIVE

KENNEDY QUALITY INDUSTRIAL TOOLING Impact Sockets

Manufactured from high quality chrome molybdenum steel.
Black oxidised finish with permanent laser etched markings.

3/8" Drive Metric, Deep Length, 6-Point
Conform to: **DIN 3129**.



Style A Style B Style C

Socket (mm)	Style	Dimensions (mm) D2	D1	L2	L	Order Code KEN-583
7	A	19.0	12.5	12.0	65.0	**-8774K**
8	A	19.0	13.8	12.0	65.0	**-8775K**
10	A	19.0	16.5	21.0	63.0	**-8776K**
11	A	19.0	17.5	25.0	65.0	**-8777K**
12	B	19.0	19.0	25.0	65.0	**-8778K**
13	A	22.0	20.0	25.0	65.0	**-8779K**
14	C	22.0	21.5	28.0	63.0	**-8780K**
15	B	22.0	22.0	25.0	65.0	**-8781K**
16	C	22.0	24.0	25.0	65.0	**-8782K**
17	C	22.0	25.0	25.0	65.0	**-8783K**
18	C	22.0	26.0	32.0	63.0	**-8784K**
19	C	22.0	27.7	32.0	63.0	**-8785K**
21	C	22.0	30.0	25.0	65.0	**-8786K**

KENNEDY QUALITY INDUSTRIAL TOOLING Impact Socket Set, 3/8in. Drive, 6-Point, Set of 39

PSD39MA
- Chrome molybdenum steel
- Black oxide
- No of points: 6
- Laser etched size
- Supplied in a impact resistant carry case

Set contains:
Standard length:
metric 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 and 22mm.
Standard length:
A/F 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16" and 3/4".
Deep metric: 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 and 21mm.

39 PIECES

Size System	Order Code KEN-583
Imperial ; Metric	**-9224K**

KENNEDY QUALITY INDUSTRIAL TOOLING Hex Driver Impact Sockets 3/8" Sq. Dr.

Hexagon sizes:
4, 5, 6, 7, 8, 10 and 12mm.
Conforms to **DIN 3129**.

Size (mm)	Overall Length	Order Code KEN-583
4	50mm	**-8889K**
5	50mm	**-8890K**
6	50mm	**-8891K**
7	50mm	**-8892K**
8	50mm	**-8893K**
10	50mm	**-8894K**
12	50mm	**-8895K**

7 Piece Set
Contents as above.

7 PIECES

Overall Length mm	Order Code KEN-583
50	**-9182K**

Deep Impact Socket

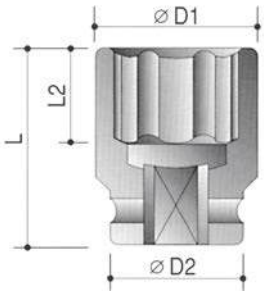
Scan the QR code

SOCKET SETS - 1/2" SQUARE DRIVE

KENNEDY QUALITY INDUSTRIAL TOOLING Chrome Molybdenum Impact Sockets

Manufactured from high quality chrome molybdenum steel. Black oxidised finish with permanent laser etched markings.

½" Drive Metric, Standard Length, 6-Point
Conform to: **DIN 3129**.



Style A

Style B

Style C

Socket (mm)	Style	Dimensions (mm) D2	D1	L2	L	Order Code KEN-583
9	A	25.0	12.0	12.0	38.0	-8535K
10	A	25.0	17.5	12.0	38.0	-8536K
11	A	25.0	18.7	12.0	38.0	-8537K
12	A	25.0	20.0	12.0	38.0	-8538K
13	A	25.0	21.0	12.0	38.0	-8539K
14	A	25.0	22.5	12.0	38.0	-8540K
16	A	30.0	25.0	12.0	38.0	-8542K
15	B	24.0	24.0	14.0	38.0	-8541K
17	A	30.0	26.0	13.0	38.0	-8543K
18	A	30.0	27.5	13.0	38.0	-8544K
19	A	30.0	28.7	13.0	38.0	-8545K
20	B	30.0	30.0	15.0	38.0	-8546K
21	B	30.0	30.0	15.0	38.0	-8547K
22	C	30.0	32.0	13.0	38.0	-8548K
23	C	30.0	32.0	13.0	38.0	-8549K
24	C	30.0	35.0	20.0	45.0	-8550K
26	C	30.0	38.0	22.0	50.0	-8551K
27	C	30.0	38.7	22.0	50.0	-8552K
28	C	30.0	40.0	18.0	42.0	-8553K
30	C	30.0	42.0	22.0	50.0	-8554K
32	C	30.0	44.0	28.0	50.0	-8555K
36	C	30.0	49.0	22.0	48.0	-8556K

½" Drive Inch Size, Standard Length, 6-Point
Conform to: **SAE, USA Federal Standard GGG-W-660A**.

Style A

Style AA

Style B

Style C

Socket (inch)	Style	Dimensions (mm) D2	D1	L2	L	Order Code KEN-583
3/8"	A	22.0	16.0	12.0	38.0	-8678K
7/16"	A	22.0	18.0	12.0	38.0	-8679K
1/2"	A	22.0	20.0	12.0	38.0	-8680K
9/16"	AA	24.0	22.0	12.0	38.0	-8681K
5/8"	B	24.0	24.0	15.0	38.0	-8682K
11/16"	B	26.0	26.0	15.0	38.0	-8683K
3/4"	B	28.0	28.0	13.0	38.0	-8684K
13/16"	B	30.0	30.0	13.0	38.0	-8685K
7/8"	C	30.0	32.0	15.0	38.0	-8686K
15/16"	C	30.0	34.0	15.0	38.0	-8687K
1"	C	30.0	36.0	18.0	40.0	-8688K
1 1/16"	C	30.0	38.0	19.0	42.0	-8689K
1 1/8"	C	30.0	42.0	18.0	42.0	-8690K
1 3/16"	C	38.0	42.0	16.0	40.0	-8691K
1 1/4"	C	30.0	44.0	19.0	44.0	-8692K

KENNEDY QUALITY INDUSTRIAL TOOLING ½" Hex Impact Socket Set - Metric

Standard length.
- Chrome molybdenum steel
- Black oxide
- No of points: 6
- Laser etched size
- Supplied in a impact resistant carry case
- DIN 3129

Set contains:
11x each 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 26, 27, 30 and 32mm

18 PIECES

Drive Type	Order Code KEN-583
Square	-9215K

KENNEDY PROFESSIONAL ½" Hex Impact Socket Set - Metric - 7 Pieces

Hub Nut Impact Socket Set - 7 Piece features extra deep sockets are (six point single hexagon) manufactured from chrome molybdenum steel with a black oxidised finish for durability and a prolonged tool lifespan. Laser etched sizing allows for easy and quick tool identification.

Number of Points	Order Code KEN-583
6	-9200K

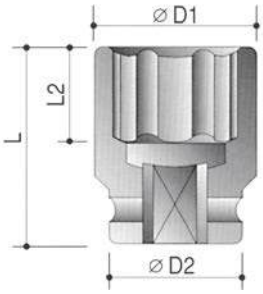
IMPACT SOCKETS - ½" SQUARE DRIVE

KENNEDY QUALITY INDUSTRIAL TOOLING Chrome Molybdenum Impact Sockets

Manufactured from high quality chrome molybdenum steel. Black oxidised finish with permanent laser etched markings.

½" Drive Metric, Deep Length, 6-Point
Conform to: **DIN 3129**.

Style A **Style B** **Style C**



Socket (mm)	Style	Dimensions (mm) D2	D1	L2	L	Order Code KEN-583
10	A	25.0	17.5	14.0	78.0	**-8791K**
11	A	25.0	18.7	14.0	78.0	**-8792K**
12	A	24.0	19.0	21.0	78.0	**-8793K**
13	A	25.0	21.0	14.0	78.0	**-8794K**
14	A	24.0	22.5	33.0	78.0	**-8795K**
15	B	24.0	24.7	34.0	78.0	**-8796K**
16	A	30.0	25.0	17.0	78.0	**-8797K**
17	A	30.0	26.0	17.0	78.0	**-8798K**
18	B	28.0	28.0	35.0	78.0	**-8799K**
19	A	30.0	28.7	19.0	78.0	**-8800K**
21	B	30.0	30.0	34.0	78.0	**-8801K**
22	C	30.0	32.0	24.0	78.0	**-8802K**
23	C	30.0	32.0	24.0	78.0	**-8803K**
24	C	30.0	35.0	24.0	78.0	**-8804K**
27	C	30.0	38.7	54.0	78.0	**-8805K**
28	C	30.0	40.0	54.0	78.0	**-8806K**
30	C	30.0	42.0	54.0	78.0	**-8807K**
32	C	30.0	44.0	54.0	78.0	**-8808K**

KENNEDY QUALITY INDUSTRIAL TOOLING Impact Universal Ball Joint

- Manufactured from high quality chrome molybdenum steel
- Black oxidised finish with permanent laser etched markings for quick and easy selection

Male Drive x Female Drive	Overall Length mm	Order Code KEN-583
½" x ½"	602.20kg	**-9154K**

½" Drive Extension Bars

Length (mm)	Order Code KEN-583
125 (5")	**-9116K**
150 (6")	**-9117K**
250 (10")	**-9118K**
300 (12")	**-9119K**

Hub Nut Impact Socket Set - 7 Piece

These extra deep sockets are six point single hexagon with a black oxidised finish and conform to **DIN 3129, Inch SAE and USA Federal Standard GGG-W-660A**.
Impact resistant storage case.

Socket sizes:
29, 30, 32, 34, 35, 36 and 38mm.

7 PIECES

½" Drive Inch Size, Deep Length, 6-Point
Conform to: **SAE, USA Federal Standard GGG-W-660A**.

Socket (inch)	Style	Dimensions (mm) D2	D1	L2	L	Order Code KEN-583
7/16"	A	22.0	18.0	14.0	78.0	**-8901K**
½"	A	22.0	20.0	14.0	78.0	**-8902K**
9/16"	A	24.0	22.0	33.0	78.0	**-8903K**
5/8"	B	24.0	24.0	17.0	78.0	**-8904K**
11/16"	B	26.0	26.0	17.0	78.0	**-8905K**
¾"	B	28.0	28.0	19.0	78.0	**-8906K**
13/16"	B	30.0	30.0	24.0	78.0	**-8907K**
7/8"	B	30.0	32.0	34.0	78.0	**-8908K**
15/16"	B	30.0	34.0	30.0	78.0	**-8909K**
1"	B	36.0	36.0	24.0	78.0	**-8910K**
1 1/16"	B	38.0	38.0	24.0	78.0	**-8911K**
1⅛"	B	30.0	42.0	33.0	78.0	**-8912K**

7 Piece Set - Deep Metric

10, 13, 14, 17, 19, 24 and 30mm.

7 PIECES

No. of Pieces	Weight each	Order Code KEN-583
7	2.20kg	**-9220K**

IMPACT SOCKETS - 1/2" SQUARE DRIVE

KENNEDY QUALITY INDUSTRIAL TOOLING Impact Wheel Nut Sockets

½ **Socket sizes:** 17, 19 and 21mm. Colour coded for easy identification. Can be used with retainer rings or pins.

Size (mm)	Overall Length	Order Code KEN-583
17	85mm	-9056K
19	85mm	-9057K
21	85mm	-9058K

Impact Hexagon Bit Drivers

½ **Hexagon sizes:** 6, 7, 8, 10, 12, 14, 15, 17, 18 and 19mm.

Size (mm)	Overall Length	Order Code KEN-583
6	75mm	-8992K
7	75mm	-8993K
8	75mm	-8994K
10	75mm	-8995K
12	75mm	-8996K
14	75mm	-8997K
15	75mm	-9001K
17	75mm	-8998K
18	75mm	-8999K
19	75mm	-9000K

Impact TX Bit Driver Sockets

½ **TX drivers:** T40, T45, T47, T50, T55, T60 and T70.

Size	Overall Length	Order Code KEN-583
T40	55mm	-9028K
T45	55mm	-9029K
T47	55mm	-9027K
T50	55mm	-9030K
T55	55mm	-9031K
T60	55mm	-9032K
T70	55mm	-9033K

Impact TX Sockets

½

Size	Overall Length	Order Code KEN-583
E10	40mm	-9015K
E11	40mm	-3042K
E12	40mm	-9016K
E14	45mm	-9017K
E16	45mm	-9018K
E18	45mm	-9019K
E20	45mm	-9020K
E22	45mm	-9021K
E24	45mm	-9022K

3 Piece Set

½ Contains one of each size 17, 19 and 21mm.

3 PIECES

No. of Pieces	Drive Size	Order Code KEN-583
3	1/2	-9197K

9 Piece Set

½
- Manufactured from the highest quality chrome molybdenum steel for optimum durability
- Sockets are clearly etched with the size for easy and rapid identification

Socket sizes: 10, 12, 13, 14, 17, 19, 24, 27, 30mm

9 PIECES

Drive Size	Order Code KEN-583
1/2	-9210K

10 Piece Set

½ Contains one of each size 6mm to 19mm.

10 PIECES

Drive Size	Order Code KEN-583
1/2	-9186K

16 Piece Set

½
- Standard length sockets

Set contains:
TX driver: T40 to T70
TX sockets: E10 to E24

16 PIECES

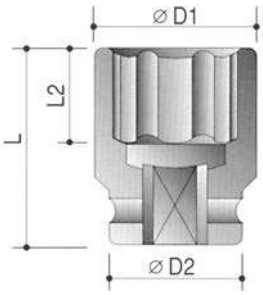
Number of Points	Drive Type	Order Code KEN-583
6	1/2	-9190K

IMPACT SOCKETS - ¾" SQUARE DRIVE

KENNEDY QUALITY INDUSTRIAL TOOLING Chrome Molybdenum Impact Sockets

Manufactured from high quality chrome molybdenum steel. Black oxidised finish with permanent laser etched markings.

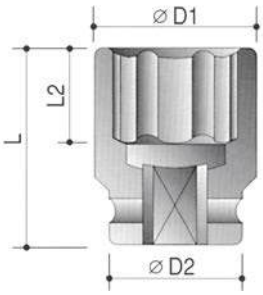
¾" Drive Metric, Standard Length, 6-Point
Conform to: **DIN 3129**.



Style A Style B Style C

Socket (mm)	Style	Dimensions (mm) D2	D1	L2	L	Order Code KEN-583
17	A	38.0	30.0	17.0	51.0	-8560K
18	A	38.0	31.0	17.0	51.0	-8561K
19	A	44.0	33.0	13.0	50.0	-8562K
20	A	40.0	33.0	18.0	51.0	-8563K
21	A	40.0	35.0	18.0	51.0	-8564K
22	A	44.0	37.0	15.0	50.0	-8565K
23	B	40.0	40.0	18.0	51.0	-8566K
24	A	44.0	39.0	16.0	50.0	-8567K
25	A	44.0	40.0	16.0	50.0	-8568K
26	A	44.0	41.0	16.0	50.0	-8569K
27	B	40.3	40.3	18.0	54	-8570K
28	B	44.0	44.0	19.0	54.0	-8571K
29	C	44.0	45.0	21.0	54.0	-8572K
30	C	44.0	47.0	21.0	54.0	-8573K
32	C	44.0	49.0	22.0	56.0	-8574K
33	C	44.0	50.0	20.0	57.0	-8575K
34	C	44.0	52.0	22.0	56.0	-8576K
35	C	44.0	53.0	22.0	56.0	-8577K
36	C	44.0	54.0	20.0	57.0	-8578K
38	C	44.0	57.0	25.0	58.0	-8579K
41	C	44.0	60.0	24.0	58.0	-8580K
42	C	44.0	62.0	27.0	58.0	-8581K
46	C	44.0	67.0	30.0	63.0	-8582K
47	C	44.0	68.0	28.0	68.0	-8583K
50	C	54.0	71.0	32.0	72.0	-8584K

¾" Drive Metric, Deep Length, 6-Point
Conform to: **DIN 3129**.



Style A Style B Style C

Socket (mm)	Style	Dimensions (mm) D2	D1	L2	L	Order Code KEN-583
17	A	38.0	30.0	37.0	90.0	-8813K
18	A	44.0	32.0	18.0	95.0	-8814K
19	A	38.0	32.0	37.0	90.0	-8815K
21	A	40.0	35.0	37.0	90.0	-8816K
22	A	44.0	37.0	22.0	95.0	-8817K
24	A	44.0	39.0	24.0	95.0	-8818K
25	A	44.0	40.0	25.0	95.0	-8819K
26	A	44.0	41.0	26.0	95.0	-8820K
27	B	40.3	40.3	36.0	90.0	-8821K
28	B	44.0	44.0	28.0	95.0	-8822K
30	C	44.0	47.0	30.0	95.0	-8823K
32	C	44.0	49.0	32.0	95.0	-8824K
33	B	44.0	50.0	37.0	90.0	-8825K
34	B	44.0	52.0	38.0	90.0	-8826K
36	B	44.0	54.0	50.0	90.0	-8827K
38	B	44.0	56.0	50.0	90.0	-8828K
41	C	44.0	60.0	38.0	95.0	-8829K
42	B	44.0	62.0	48.0	90.0	-8830K
46	C	44.0	67.0	38.0	95.0	-8831K
47	C	44.0	68.0	38.0	95.0	-8832K

A/F Impact Socket

Scan the QR code

A/F Deep Impact Socket

Scan the QR code

IMPACT SOCKETS - ¾" & 1" SQUARE DRIVE

KENNEDY QUALITY INDUSTRIAL TOOLING

Chrome Molybdenum Impact Sockets

Manufactured from high quality chrome molybdenum steel. Black oxidised finish with permanent laser etched markings.

Universal Ball Joint

Male Drive x Female Drive	Order Code KEN-583
¾" x ¾"	-9159K

Impact Reducer, 1in. Male x 3/4in. Female, Square Drive

- Manufactured from high quality chrome molybdenum steel
- Black oxidised finish with permanent laser etched markings for quick and easy selection

Male Drive x Female Drive	Order Code KEN-583
¾" x 1"	-9081K

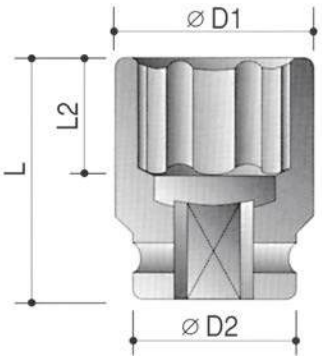
Retaining Rings

Supplied with pins

To Suit Outside Dia.	Square Drive	Order Code KEN-583
48 - 54mm	¾"	-8040K
46 - 58mm	1"	-8120K
78 - 86mm	1"	-8150K

1" Drive Metric, Standard Length, 6-Point

Conform to: **DIN 3129**.



Style A

Style AA

Style B

Style C

Socket (mm)	Style	Dimensions (mm) D2	D1	L2	L	Order Code KEN-583
21	A	54.0	38.0	15.0	60.0	-8589K
22	A	54.0	40.0	15.0	60.0	-8590K
24	A	54.0	42.0	18.0	60.0	-8591K
27	AA	50.0	46.0	17.0	58.0	-8594K
28	A	54.0	47.0	19.0	62.0	-8595K
30	B	52.0	52.0	18.0	62.0	-8597K
32	B	52.0	52.0	19.0	62.0	-8598K
33	B	52.0	52.0	18.0	62.0	-8599K
34	B	54.0	55.0	22.0	62.0	-8600K
36	C	54.0	56.0	19.0	65.0	-8602K
38	C	54.0	58.0	31.0	65.0	-8604K
41	B	54.0	63.0	27.0	70.0	-8605K
42	B	54.0	65.0	27.0	74.0	-8606K
46	B	54.0	70.0	30.0	76.0	-8607K
48	C	54.0	70.0	35.0	72.0	-8609K
50	B	54.0	75.0	35.0	80.0	-8610K
52	B	54.0	77.0	35.0	84.0	-8611K
55	C	54.0	80.0	43.0	83.0	-8612K
56	B	54.0	82.0	40.0	84.0	-8613K
60	C	54.0	86.0	45.0	87.0	-8614K
65	C	54.0	92.0	49.0	90.0	-8615K
70	C	54.0	97.0	51.0	93.0	-8616K
75	C	86.0	104.0	55.0	95.0	-8617K
80	C	86.0	112.0	55.0	95.0	-8618K
85	C	86.0	115.0	60.0	100.0	-8619K
90	C	86.0	124.0	65.0	105.0	-8620K
95	C	86.0	130.0	50.0	105.0	-8621K

7 Piece Set - Metric

Standard length: 19, 24, 27, 30, 32, 36 and 46mm.

7 PIECES

No. of Pieces	Drive Size	Order Code KEN-583
7	3/4	-9204K

¾" Drive Extension Bars

Length (mm)	Order Code KEN-583
100 (4")	-9124K
150 (6")	-9125K
250 (10")	-9126K
300 (12")	-9127K
400 (15¾")	-9128K

7/8" Impact Sockets 1" SQ DR

Scan the QR code

IMPACT SOCKETS - ¾" & 1/2" SQUARE DRIVE

KENNEDY QUALITY INDUSTRIAL TOOLING

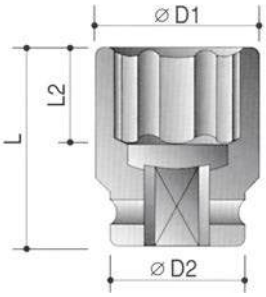
Chrome Molybdenum Impact Sockets

Manufactured from high quality chrome molybdenum steel. Black oxidised finish with permanent laser etched markings.

Retaining Rings
Supplied with pins

Pin Size	Size	Order Code KEN-583
17-48mm	¾"	**-8020K**

1" Drive Metric, Standard Length, 6-Point
Conform to: **DIN 3129**.



Style A

Style B

Style AA

Style C

Socket (mm)	Style	Dimensions (mm) D2	D1	L2	L	Order Code KEN-583
100	B	95.0	137.0	58.0	115.0	**-8622K**
25	A	54.0	43.0	18.0	60.0	**-5090K**
26	A	54.0	44.5	18.0	60.0	**-5100K**
29	A	54.0	48.0	19.0	62.0	**-5130K**
35	B	54.0	55.0	22.0	62.0	**-5190K**
37	B	54.0	59.0	25.0	67.0	**-5210K**
47	B	54.0	71.5	32.0	76.0	**-5300K**
20	C	22.0	28.0	12.0	30.0	**-1380K**

1" Drive Inch Size, Standard Length, 6-Point
Conform to: **SAE, USA Federal Standard GGG-W-660A**.

Socket (Inches)	Style	Dimensions (mm) D2	D1	L2	L	Order Code KEN-583
⅞"	A	51.0	39.0	15.0	58.0	**-8721K**
1"	A	51.0	42.0	18.0	58.0	**-8723K**
1 13/16"	A	51.0	48.0	21.0	60.0	**-8726K**
1 5/16"	C	52.0	53.0	22.0	62.0	**-8728K**
1 9/16"	C	52.0	60.0	25.0	62.0	**-8731K**
1⅝"	C	52.0	61.5	27.0	62.0	**-8732K**
1 13/16"	C	58.0	68.0	30.0	64.0	**-8735K**
2⅛"	C	58.0	78.0	35.0	70.0	**-8739K**
2⅜"	C	62.0	87.0	42.0	78.0	**-8742K**
2½"	C	62.0	91.0	42.0	80.0	**-8743K**
2 9/16"	C	62.0	93.0	42.0	80.0	**-8744K**
2⅝"	C	62.0	95.0	42.0	82.0	**-8745K**
2¾"	C	62.0	100.0	42.0	96.0	**-8746K**
3½"	C	86.0	124.0	52.0	105.0	**-8750K**

½" Drive Extension Bars

Length (mm)	Order Code KEN-583
380 (15")	**-7560K**

3/8" A/F Deep Impact Socket 1/2"SQ DR

Scan the QR code

IMPACT SOCKETS - 1" & 1½" SQUARE DRIVE

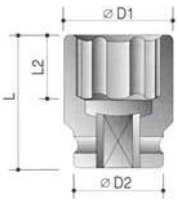
KENNEDY QUALITY INDUSTRIAL TOOLING

Chrome Molybdenum Impact Sockets & Accessories

Manufactured from high quality chrome molybdenum steel. Black oxidised finish with permanent laser etched markings.

1" Drive Metric, Deep Length, 6-Point

Conform to: **DIN 3129**.



Style A

Style AA

Style B

Socket (mm)	Style	Dimensions (mm) D2	D1	L2	L	Order Code KEN-583
23	A	54.0	41.0	23.0	100.0	-6250K
24	A	54.0	42.0	24.0	100.0	-8838K
27	A	54.0	46.0	27.0	100.0	-8839K
28	A	54.0	47.0	28.0	100.0	-8840K
30	AA	52.0	52.0	37.0	90.0	-8841K
32	A	54.0	52.0	32.0	100.0	-8842K
33	AA	52.0	52.0	37.0	90.0	-8843K
34	B	54.0	55.0	34.0	100.0	-6360K
36	B	54.0	56.0	35.0	90.0	-8845K
37	B	54.0	59.0	37.0	100.0	-6390K
38	B	54.0	60.0	38.0	100.0	-8847K
41	B	54.0	61.0	58.0	95.0	-8848K
42	B	54.0	65.0	38.0	100.0	-6440K
46	B	54.0	68.0	58.0	95.0	-8850K
50	B	54.0	75.0	38.0	100.0	-8851K
52	B	54.0	77.0	40.0	100.0	-6540K
55	B	54.0	80.0	68.0	105.0	-8853K
56	B	54.0	82.0	40.0	105.0	-8854K
60	B	54.0	87.0	42.0	120.0	-8855K
65	B	54.0	93.0	42.0	125.0	-8856K
70	B	54.0	100.0	42.0	125.0	-8857K
75	B	86.0	106.0	45.0	135.0	-8858K
80	B	86.0	112.0	48.0	135.0	-8859K

Impact Socket Reducers - Inches

- Male drive: 1-1/2"
- Overall length: 90mm

Female Drive in.	Male Drive in.	Order Code KEN-583
3/8	1/2	-9077K
1/2	3/8	-9078K
1/2	3/4	-9079K
3/4	1/2	-9080K
1	3/4	-9082K
1	1½	-9083K

Universal Ball Joint

Male Drive x Female Drive	Order Code KEN-583
1" x 1"	-9164K

1" Drive Extension Bars

Length (mm)	Order Code KEN-583
100 (4")	-9133K
150 (6")	-9134K
200 (8")	-9135K
250 (10")	-9136K
300 (12")	-9137K
380 (15")	-9138K

1" Drive Inch Size, Deep Length, 6-Point

Conform to: **SAE, USA Federal Standard GGG-W-660A**.

Style A

Style B

Style C

Socket (inch)	Style	Dimensions (mm) D2	D1	L2	L	Order Code KEN-583
1"	A	51.0	42.0	25.0	90.0	-8933K
1 1/16"	A	51.0	44.0	27.0	90.0	-8934K
1 1/8"	A	51.0	46.0	29.0	90.0	-8935K
1 3/16"	A	51.0	48.0	30.0	90.0	-8936K
1 1/4"	B	51.0	51.0	32.0	90.0	-8937K
1 5/16"	C	52.0	53.0	34.0	90.0	-8938K
1 3/8"	C	52.0	52.0	37.0	90.0	-8939K
1 1/2"	C	52.0	58.0	38.0	92.0	-8940K
1 5/8"	C	54.0	61.0	57.0	95.0	-8942K
1 9/16"	C	52.0	60.0	38.0	92.0	-8941K
1 11/16"	C	52.0	65.0	38.0	92.0	-8943K
1 3/4"	C	58.0	66.0	38.0	92.0	-8944K
1 13/16"	C	58.0	68.0	38.0	92.0	-8945K
1 7/8"	C	58.0	70.0	38.0	92.0	-8946K
1 15/16"	B	58.0	72.0	38.0	100.0	-8947K
2"	C	58.0	74.0	40.0	95.0	-8948K
2 1/16"	C	58.0	75.0	40.0	95.0	-8949K
2 3/16"	C	54.0	80.0	67.0	105.0	-8950K
2 1/8"	C	58.0	78.0	40.0	100.0	-8951K
2 1/4"	C	62.0	84.0	40.0	100.0	-8952K
2 5/16"	C	62.0	86.0	40.0	105.0	-8953K
2 3/8"	C	62.0	87.0	42.0	105.0	-8954K
2 7/16"	C	62.0	87.0	42.0	105.0	-8955K
2 1/2"	C	62.0	91.0	42.0	110.0	-8956K
2 5/8"	C	62.0	95.0	42.0	125.0	-8957K
2 3/4"	C	62.0	100.0	42.0	125.0	-8958K
2 7/8"	C	86.0	102.0	98.0	135.0	-8959K
2 15/16"	C	86.0	105.0	45.0	135.0	-8960K
3"	C	86.0	107.0	48.0	135.0	-8961K
3 1/8"	B	86.0	111.0	48.0	135.0	-8962K

7 Piece Impact Socket Set

Socket sizes:
27, 30, 32, 33, 36, 41 and 46mm.

7 PIECES

No. of Pieces	Drive Size	Order Code KEN-583
7	1"	-9193K

1½" Drive Metric Size, Standard Length, 6-Point

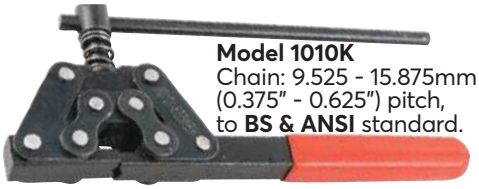
Conform to: **SAE, USA Federal Standard GGG-W-660A**.

Socket (mm)	Dimensions (mm) D2	D1	L2	L	Order Code KEN-583
30	54.0	56.0	21.0	78.0	-8627K
32	86.0	58.0	22.0	78.0	-8628K
33	86.0	60.0	22.0	78.0	-8629K
36	86.0	64.0	27.0	75.0	-8630K
38	86.0	66.0	27.0	75.0	-8631K
41	86.0	70.0	28.0	80.0	-8632K
46	86.0	76.0	30.0	84.0	-8633K
50	86.0	81.0	32.0	87.0	-8634K
55	86.0	87.0	37.0	90.0	-8635K
60	86.0	94.0	39.0	95.0	-8460K
65	86.0	100.0	42.0	100.0	-8637K
70	86.0	106.0	46.0	105.0	-8638K
75	86.0	112.0	49.0	108.0	-8639K
80	86.0	119.0	53.0	115.0	-8640K
85	86.0	125.0	56.0	118.0	-8641K
95	95.0	137.0	61.0	123.0	-8495K

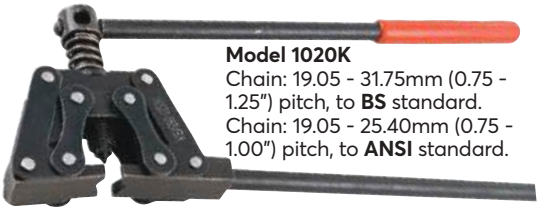
CHAIN SEPERATORS / DRAINAGE EQUIPMENTS

Chain Separators

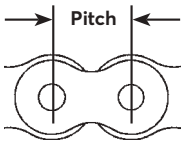
All steel construction, industry quality roller and bush chain separator. Designed for separating roller and bush chains that have end softened pins. To remove hardened pins the ends must first be removed by grinding. Simple to operate: Grip the chain in the self-closing jaws that also supports the chain to prevent twisting as the link pins are driven out. Then turn the T-handle to drive the pins out. Always ensure that the machine is switched off before disconnecting or connecting a chain.



Model 1010K
Chain: 9.525 - 15.875mm (0.375" - 0.625") pitch, to **BS & ANSI** standard.



Model 1020K
Chain: 19.05 - 31.75mm (0.75 - 1.25") pitch, to **BS** standard.
Chain: 19.05 - 25.40mm (0.75 - 1.00") pitch, to **ANSI** standard.



Roller Chain
Pin, roller and bush assembly.

Bush Chain
Identical to roller chain, but with the omission of the roller.

Order Code KEN-588
-1010K
-1020K

Adjustable Strap Wrench

Industrial strength rubber strap. Strap can be easily adjusted and used on irregular shapes.

Capacity (mm)	Order Code KEN-588
15 to 150	**-1500K**

Chain Pipe Wrenches

For gripping tubes, piping and irregular shaped objects. The chain is looped around the object and locked on the head. The head will automatically grip in the direction of the turn and the object can be rotated. The head is double ended and fully reversible for longer tool life. Manufactured from hardened and tempered carbon steel to US specification **GG-W-651.**

Diameter (mm)	Length (mm)	Order Code KEN-588
63 (2½")	525 (21")	**-4540K**
100 (4")	900 (36")	**-4560K**

Pipe Unblocker

This pipe unblocker is easy to use and comes with a corrosion-resistant body. Its 4.6m coil length makes it ideal for unblocking domestic waste/drain pipes.

Description	Order Code KEN-588
Pipe Cleaner 4.6m	**-6700K**

Air Drain Test Kit

Used for testing for leaks in pipes of up to 4" water gauge.

Contents:
4" 'U' gauge, 9' length of tubing, hand bellows, 'Y' piece, ½" and 1" test nipple cap.

Material	Order Code KEN-588
Polypropylene / Rubber	**-7600K**

Drain Test Bungs

Used to pressure test or temporarily seal the end of an open pipe which is newly laid or decommissioned, preventing the ingress of water, gases, rodents.

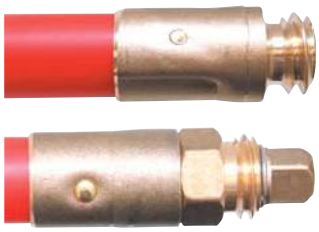
Pipe Size Metric	Capacity Inch	Min/Max Operating Range	BSP Outlet	Order Code KEN-588
100	4"	94-110mm	½"	**-7500K**
150	6"	146-163mm	½"	**-7510K**
200	8"	191-211mm	1"	**-7520K**
225	9"	216-235mm	1"	**-7530K**
300	12"	296-314mm	1"	**-7540K**

KENNEDY QUALITY INDUSTRIAL TOOLING Drain Rods

Use for cleaning and unblocking drains, pipes and sewers. A range of accessories are also available including drop scrapers, double worm screws and plungers. Manufactured from polypropylene fitted with solid brass joints securely fitted with brass rivets. Rods are strong, durable and rigid with the right amount of drain rod flexibility.

Available with two different types of joint;
Universal: rods fitted with this type of joint should only be rotated in a clockwise direction.

Lockfast: rods fitted with this type of joint can be rotated in either direction and will remain secure in the most demanding conditions.



Type	Order Code KEN-588
Universal	-7240K

Type	Order Code KEN-588
Lockfast	-7250K

KENNEDY QUALITY INDUSTRIAL TOOLING Drain Rod Sets

13 PIECES

Use for cleaning and unblocking drains, pipes and sewers. Manufactured from polypropylene fitted with solid brass joints securely fitted with brass rivets. Rods are strong, durable and rigid with the right amount of drain rod flexibility.

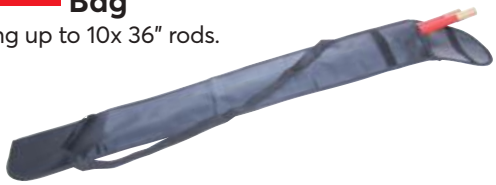
Contents:
10x 20 x 900mm rods,
1x 100mm double worm screw,
1x 100mm plunger,
1x 100mm drop scraper,
Also supplied with two rod ties.

Type	Order Code KEN-588
Universal	-7200K

Type	Order Code KEN-588
Lockfast	-7210K

KENNEDY QUALITY INDUSTRIAL TOOLING Drain Rod Bag

Used for carrying up to 10x 36" rods.



Capacity	Order Code KEN-588
10 Rods	-7280K

KENNEDY QUALITY INDUSTRIAL TOOLING Drain Testing Dye

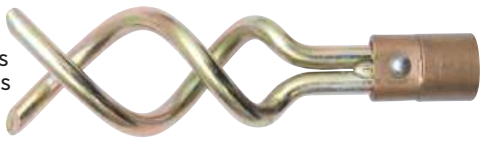
Used to locate the direction of water flow in pipes, drains etc. soluble in water.
200g jars.

Colour	Order Code KEN-588
Green	-7700K
Red	-7710K
Blue	-7720K

KENNEDY QUALITY INDUSTRIAL TOOLING Accessories

Available with two different type of joints:
Universal: rods fitted with this type of joint should only be rotated in a clockwise direction.
Lockfast: rods fitted with this type of joint can be rotated in either direction and will remain secure in the most demanding conditions.

Double Worm Screw
Pierces blockages such as paper or rags and the obstruction is drawn back to clear the pipe.



Size	Type	Order Code KEN-588
100mm (4")	Universal	-7340K
100mm (4")	Lockfast	-7350K

KENNEDY QUALITY INDUSTRIAL TOOLING Accessories Continued

Rubber Plunger
Builds up pressure of water to force obstruction clear.
One piece rubber.

Size	Type	Order Code KEN-588
100mm (4")	Universal	-7300K
100mm (4")	Lockfast	-7310K
150mm (6")	Universal	-7420K
150mm (6")	Lockfast	-7430K

KENNEDY QUALITY INDUSTRIAL TOOLING Drop Scraper

Glides over small obstructions and drops into a vertical position to allow material to be dragged back.

Size	Type	Order Code KEN-588
100mm (4")	Universal	-7380K
100mm (4")	Lockfast	-7390K
150mm (6")	Universal	-7460K
150mm (6")	Lockfast	-7470K

3-in-1 Mini Pipe Bender

Suitable for bending copper, aluminium and brass pipes.
- Pipe O/D: 6, 8 and 10mm
- Max. bend angle: 90°
- Bending method: Lever
- End type: Left/Offset/Right
- Guide material: Aluminium
- Former material: Aluminium
- Handle material: Aluminium
- Length: 242mm
- With graduate scale for partial bending

Tube Capacity	Max Bend Angle	Overall Length mm	Order Code KEN-588
6;8;10mm	90°	242	-6101K

3-in-1 Bender

For bending 3, 4 and 6mm diameter copper and aluminium tubes up to 90°. With a graduated scale for partial bending. Ribbed die-cast aluminium construction for lightness and strength.
Length: 140mm.

Capacity (mm)	Order Code KEN-588
3, 4 & 6	-6080K

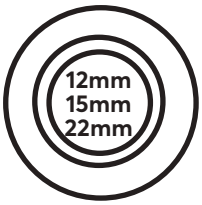
4-in-1 Micro Pipe Bender

High tensile steel with rivetted carbon steel. PVC grips. Carbon steel guides. Quick change aluminium formers. Bends copper and steel pipes. For pipe sizes 4.75, 6, 8 and 10mm.

Capacity	Order Code KEN-588
4.75-10mm	-6300K

Multi-Bender Pipe Bender

Precision bending up to 180°. Bends tube without distortion. Formers and guides will accept 12, 15 and 22mm O/D tube. For use in the plumbing, heating, refrigeration and air conditioning industries. Spare formers and guides also available (see table below).



Accessories

Tube Capacity	Order Code KEN-588
12/15mm Former Only	-6810K
12/22mm Former Only	-6820K
12mm Guide Only	-6920K
15mm Guide Only	-6940K
22mm Guide Only	-6960K

Tube Capacity	Order Code KEN-588
12, 15 & 22mm	-6200K

KENNEDY QUALITY INDUSTRIAL TOOLING Tube Cutter for Stainless Steel

With high strength cast bodies and single cutting wheels with two rollers. Suitable for stainless steel, brass and copper tubes. All fitted with deburring blades.

Compatible Pipe Material	Capacity mm	No. of Rollers	No. of Cutters	Order Code KEN-588
Stainless Steel	3 to 32	2	1	-5721K

HSS Cutting Wheel

For	Order Code KEN-588
KEN-588-5721K	-5791K

KENNEDY QUALITY INDUSTRIAL TOOLING Spring Loaded Pipe Cutter

Designed to cut copper, brass, aluminium, plastic and thin wall conduit, this pipe cutter has a 3-30mm capacity and spring loaded mechanism. It also features an internal pipe deburrer.

Capacity (mm)	Order Code KEN-588
3 - 30	-4720K

KENNEDY QUALITY INDUSTRIAL TOOLING Mini Pipe Cutter

Compact and robust construction ideal for use in confined spaces.
Grooved rollers allow close-to-flare cuts. Large feed screw for accurate cutting of aluminium, brass, copper and steel tubing.

Length: 66mm.

For Aluminium, Brass, Copper & Steel

Capacity (mm)	Order Code KEN-588
3 - 22	-5451K
Spare Cutter	-5801K

For Stainless Steel

Capacity (mm)	Weight each	Order Code KEN-588
3 - 22	140g	-5700K

KENNEDY QUALITY INDUSTRIAL TOOLING 2-in-1 Automatic Ratcheting Pipe Cutter

Designed to cut copper, brass, aluminium, plastic and thin wall conduit, this pipe cutter has a 6 - 28mm capacity and spring loaded mechanism. It features a detachable ratchet handle for use in tight work areas and has a hanging hole for storage.

Capacity (mm)	Order Code KEN-588
Spare Cutter	-4690K

KENNEDY QUALITY INDUSTRIAL TOOLING Midget Pipe Cutter

For use on copper, brass, aluminium and thin wall conduit. Supplied with spare blade.

Width: 25mm.
Overall length: 95mm.

Capacity (mm)	Order Code KEN-588
3 - 28	-5490K
Spare Cutter	-5800K

KENNEDY QUALITY INDUSTRIAL TOOLING Pipe Cutters

With high strength cast bodies and single cutting wheels with two rollers. Suitable for stainless steel, brass and copper tubes. All fitted with deburring blades.

-5500K

For Aluminium, Brass, Copper & Steel

Capacity (mm)	Order Code KEN-588
3 - 30	-5500K
Spare Cutter	-5590K

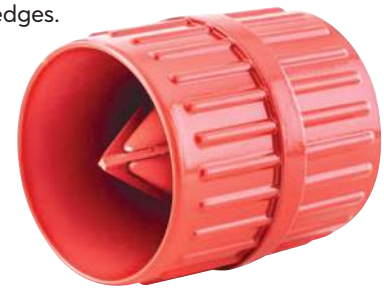
KENNEDY QUALITY INDUSTRIAL TOOLING Mini Tubing Cutter

Spring loaded mini hose cutter.
- Single stroke tube cutter
- POM plastic body
- Heat treated steel blade
- Max. pipe: 12.7mm (1-2")
- Not suitable for cutting metal

Capacity (mm)	Order Code KEN-588
12.7	-5401K

KENNEDY QUALITY INDUSTRIAL TOOLING Pipe Deburrer

For internal and external edges.



Capacity (mm)	Order Code KEN-588
3-40 (1/8"-1 5/8")	-5900K

KENNEDY QUALITY INDUSTRIAL TOOLING Automatic Pipe Cutters

These robust pipe cutters will cut copper, brass, aluminium, PVC and thin-wall conduit. They automatically tighten and cut when turned around the pipe. The compact design makes them ideal for working in confined spaces.

Capacity	Order Code KEN-588
15mm	-4800K
22mm	-4820K
Spare Cutter	-4840K

KENNEDY QUALITY INDUSTRIAL TOOLING Heavy-Duty Pipe Cutters

Single cutting wheels with four rollers for straighter cuts.
- Capacity: 5 to 64mm
- Spring-loaded release mechanism for quick diameter adjustments
- Suitable for aluminium, brass and copper tubes
- Fitted with deburring blades

Compatible Pipe Material	Capacity mm	No. of Rollers	No. of Cutters	Order Code KEN-588
Brass; Copper; Stainless Steel	5 to 64	4	1	-5551K

KENNEDY QUALITY INDUSTRIAL TOOLING Spare Wheel for 4 Wheel Pipe Cutter

Spare Cutter To Suit 588-555.

Compatible Pipe Material	No. of Cutters	Order Code KEN-588
Aluminium; Brass; Copper; Steel	1	-5691K

KENNEDY QUALITY INDUSTRIAL TOOLING Rubber Hose Cutter, 6-35mm

- Lightweight moulded polypropylene body with durable stainless steel blade
- Guillotine action ensures a clean cut every time
- Handle retaining hook for compact storage and blade safety

Capacity (mm)	Order Code KEN-588
6 to 35	-5001K

KENNEDY QUALITY INDUSTRIAL TOOLING Plastic Pipe Cutters

- Extra wide lower jaws for easy production of 90° cuts
- Guillotine action ensures a clean cut every time
- Handle retaining loop for compact storage and blade safety

Capacity mm	Order Code KEN-588
6 to 36	-5841K
12 to 42	-5843K
25 to 63	-5845K
6 to 36	-5881K
12 to 42	-5883K
25 to 63	-5885K

KENNEDY QUALITY INDUSTRIAL TOOLING Automotive Chain Pipe Cutter

Cuts thin wall pipe (stainless steel, copper, PVC etc.) up to 2.6mm thickness. The grip action eliminates hand gripping effort to ensure perfect tracking. Can be used for efficient cutting of exhaust pipes.

Capacity	Overall Length	Order Code KEN-588
15 - 75mm	250mm	-5100K

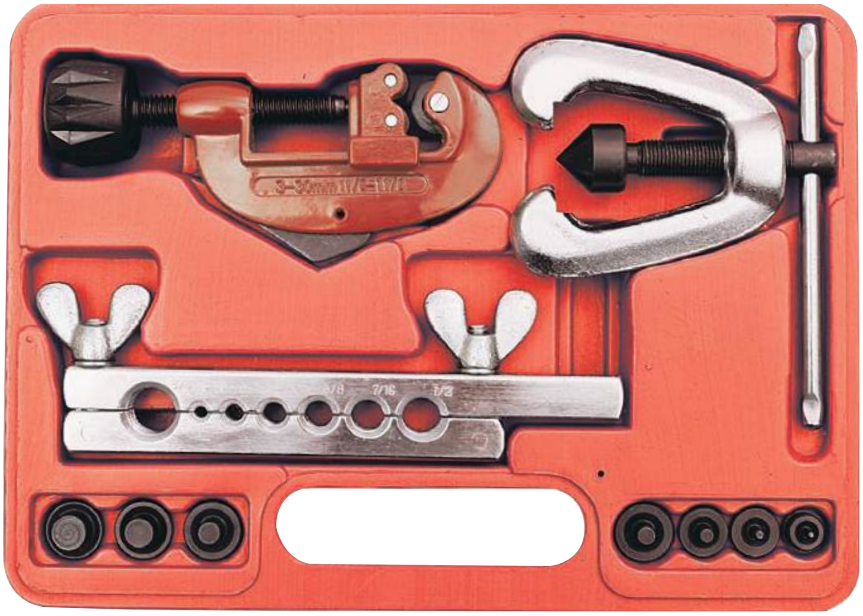
KENNEDY QUALITY INDUSTRIAL TOOLING Industrial Chain Pipe Cutter

Cuts wall pipe (welded and seamless) up to 5mm thick.
The grip action eliminates hand gripping effort to ensure perfect tracking.

Capacity	Overall Length	Order Code KEN-588
20 - 115mm	250mm	-5120K

Double Flaring Tool & Pipe Cutting Set

Flaring tool for 3/16", 1/4", 5/16", 3/8", 7/16", 1/2" and 5/8" steel, aluminium and copper pipes. Cutter for 1/8" to 1 1/4" outside diameter pipe. Robust moulded case.



Capacity	Order Code KEN-588
3/16" - 5/8"	-9570K

Double Flaring Tool Set

Manufactured to double flare soft steel, aluminium and copper tubing up to .040" wall thickness producing **SAE** 45° flares. Heat treated alloy steel swivel is precision ground and chromed to reduce friction. Heat treated drop forged yoke. Each adaptor is clearly stamped with the size for easy identification. Bright lustre plate finish with contrasting black oxide. Will also produce a single flare.

Sizes: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", and 5/8".

Capacity	Order Code KEN-588
3/16" - 5/8"	-9550K

Folding Double Flaring Tool Set

Suitable for use on copper pipe. Compact folding design. Robust moulded case.
Single 45° flares: 3/16" to 5/8". Double flares: 3/16" to 1/2".
Cutter: 1/8" to 1 1/4". Deburrer: 1/8" to 1 1/8" internal and external.

Capacity	Order Code KEN-588
3/16" - 5/8"	-9620K

All-in-1 Swaging Punch

Designed to make a tube connection without a fitting, this all-in-one swaging punch gives you one solder to join, reducing solder time by half. It has a nickel-chrome finish and is heat treated for durability.

Sizes: 1/4", 5/16", 3/8", 1/2", 5/8"

Material	Order Code KEN-588
Nickel Chrome	-9840K

5-Blade Pipe Crimper

With compound action and self-opening jaws, provides accurate indentations in round duct and stove pipe. It has soft grip handles for comfort and rust resistant blades.

Overall Length	Order Code KEN-588
250mm	-4680K

KENNEDY QUALITY INDUSTRIAL TOOLING Pipe Vices

Used for repetitive tasks on pipework. The frame of the pipe vice is made from cast iron with jaws made from hardened tool grade alloy steel with a corrosion resistant coating. The top jaw of the pipe vice is held in position with a hook which automatically engages when the vice is closed. The stand is fitted with an integral tool tray, wide angled legs give greater stability and the folding design provides easy storage and transportation.

Pipe Vice Only

Capacity (mm)	Weight each	Order Code KEN-588
8-55	4.50kg	**-8020K**
10-85	6.70kg	**-8040K**
15-100	10.3kg	**-8060K**

Pipe Vice & Stand

Capacity (mm)	Weight each	Order Code KEN-588
8-55	24.6kg	**-8220K**
10-85	31.6kg	**-8240K**

KENNEDY QUALITY INDUSTRIAL TOOLING Drop Head Threader

Strong-arm ratchet threading set complete with ½", ¾" and 1" quick change dies. Manufactured to the highest quality with comfortable 2-part handle to give greater leverage. Complete with tough moulded carry case.

Capacity	Order Code KEN-588
½" - 1"	**-8800K**

Spares and Accessories for Drop Head Threader

Scan the QR code

PIPE WRENCHES

Hook jaw clearance measurement "A"

KENNEDY QUALITY INDUSTRIAL TOOLING Heavy Duty Wrenches

Jaws are serrated in the opposite direction to ensure a secure grip. Used mainly in the plumbing industry for gripping pipes and nuts. Cast iron frame, drop forged handles and jaws.

Length (mm)	Capacity (mm)	A (mm)	Order Code KEN-588
205 (8")	27	16	**-3080K**
255 (10")	35	21	**-3100K**
305 (12")	43	25	**-3120K**
355 (14")	50	24	**-3140K**
455 (18")	60	29	**-3180K**
600 (24")	76	35	**-3240K**
900 (36")	102	45	**-3360K**
1200 (48")	140	58	**-3480K**

SENATOR QUALITY TOOLING Heavy-Duty Wrenches

Heavy-duty pattern. Drop forged, single piece body.

Length (mm)	Capacity (mm)	A (mm)	Order Code SEN-588
200 (8")	27	16	**-5508K**
350 (14")	50	24	**-5514K**
450 (18")	60	28	**-5518K**
600 (24")	80	34	**-5524K**
900 (36")	102	40	**-5536K**
1200 (48")	140	57	**-5548K**

KENNEDY QUALITY INDUSTRIAL TOOLING Multi Key 4 - Way

For gas, water and electric meter boxes, air conditioning units, stop valves, mains consoles etc., central heating pump cocks, some radiator valves and drain off valves.

Material	Order Code KEN-588
Steel	**-6060K**

KENNEDY QUALITY INDUSTRIAL TOOLING Meter Box Key

Plastic meter box key, fits gas and electric meter boxes. With easy turn handle and keyring hole.

Available in two colours.

Overall length: 24mm.

Colour	Order Code KEN-588
Blue	**-6420K**
Yellow	**-6460K**

KENNEDY QUALITY INDUSTRIAL TOOLING Stillson Wrenches

Jaws are serrated in the opposite direction to ensure a secure grip. Used mainly in the plumbing industry for gripping pipes and nuts. Cast iron frame, drop forged handles and jaws. All moving parts are heat treated. Conform with **BS 3594: Part 1**.

Length (mm)	Capacity (mm)	A (mm)	Order Code KEN-588
205 (8")	27	19	**-2080K**
255 (10")	35	24	**-2100K**
305 (12")	43	25	**-2120K**
355 (14")	50	28	**-2140K**
455 (18")	60	32	**-2180K**
600 (24")	76	41	**-2240K**
900 (36")	102	50	**-2360K**

KENNEDY QUALITY INDUSTRIAL TOOLING Offset Aluminium

Handle made of extremely lightweight aluminium which is as robust as heavy-duty cast iron. Jaw opening sits parallel to the handle making it ideal for overhead applications. Narrow jaw head makes it easier to use within tight areas.

Length (mm)	Capacity (mm)	A (mm)	Order Code KEN-588
350 (14")	60	26	**-1640K**

KENNEDY QUALITY INDUSTRIAL TOOLING Heavy Duty Aluminium

Lightweight aluminium alloy handles. As robust as heavy duty cast iron wrenches.

Length (mm)	Capacity (mm)	A (mm)	Order Code KEN-588
200 (8")	27	16	**-3680K**
255 (10")	35	20	**-3700K**
305 (12")	43	22	**-3720K**
355 (14")	50	24	**-3740K**
455 (18")	60	28	**-3780K**
600 (24")	80	34	**-3840K**
900 (36")	102	40	**-3860K**
1200 (48")	140	57	**-3880K**

SENATOR QUALITY TOOLING Speed Wrench Set

Contains two multi-purpose self-adjusting wrenches 200mm (8"), maximum capacity 25mm and 300mm (12"), maximum capacity 35mm. Can be used on pipes, nuts and bolts and will also grip rounded nuts. Manufactured from fully chrome-plated drop forged steel.

2 PIECES

Capacity	Order Code SEN-588
25mm & 35mm	-9010K

KENNEDY QUALITY INDUSTRIAL TOOLING Self Adjusting Basin Wrenches

Heavy Duty
With spring loaded jaws of hardened forged and milled steel. Jaw swivels 180° allowing easy tightening and loosening of basin nuts on both 15mm and 22mm pipes.

With sliding tommy bar.
Capacity: 10 - 32mm (3/8" - 1¼").

Overall Length (mm)	Weight each	Order Code KEN-588
265	520g	-6020K
245	840g	-6030K

KENNEDY QUALITY INDUSTRIAL TOOLING Swedish Pattern

Narrow design for confined areas, used for gripping pipe and nuts. Forged chrome vanadium heat treated steel. Knurled adjusting nut with guiding reinforcement on handle. Conform to **DIN 5234**.

90° Type

Length (mm)	Max. Pipe Capacity (mm)	Order Code KEN-588
300 (12")	25 (1")	-4120K
400 (16")	38 (1½")	-4160K

SENATOR QUALITY TOOLING Pipe Wrench Leader Pattern Handle, Steel

- Single piece drop forged body for more strength and durability
- Wide range of handle lengths to give you the perfect size for the job
- Chrome vanadium steel jaws provide a strong grip onto pipes
- Standard jaw type
- Leader pattern handle

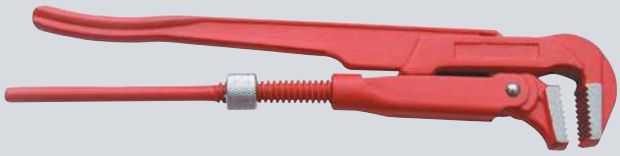
Capacity mm	Total Length mm	Order Code SEN-588
35	250	-5510K
43	300	-5512K

Swedish Pattern Pipe Wrenches - S Type

Scan the QR code

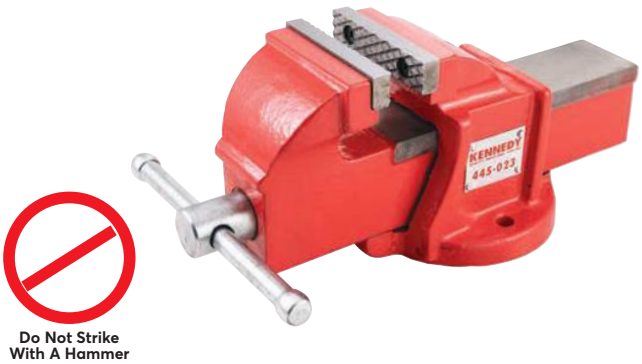
Swedish Pattern Pipe Wrenches - 90° Type

Scan the QR code



Engineer's Vice

Manufactured from the highest quality castings with precision cut screw mechanisms and precision machined jaws. Suitable for workshop, automotive and engineering use.



Do Not Strike With A Hammer

Replacement Jaws (Pairs)

Engineers Vice Size (Pair)	Height (mm)	Order Code KEN-567
To suit 75mm jaw width	16	**-3630K**
To suit 100mm jaw width	20	**-3640K**
To suit 125mm jaw width	21	**-3650K**
To suit 150mm jaw width	21	**-3660K**
To suit 200mm jaw width	28	**-3680K**

Heavy Duty Roller Stand

This heavy-duty roller and ball stand offers robust construction and versatility, making it essential for workshops and job sites. The stand features all-steel welded construction with 51 mm tubing for superior stability. It adjusts from 758 mm to 1197 mm with twin lock-knobs, ensuring safe support. The 60 mm diameter bearing roller has a spring-loaded axle. It converts from a roller stand to a ball stand with 8 steel balls for multidirectional movement. Pre-assembled and ready to use without tools, it provides convenient, efficient material support.

Applications	Order Code KEN-588
Roller/Ball Stand	**-8435D**

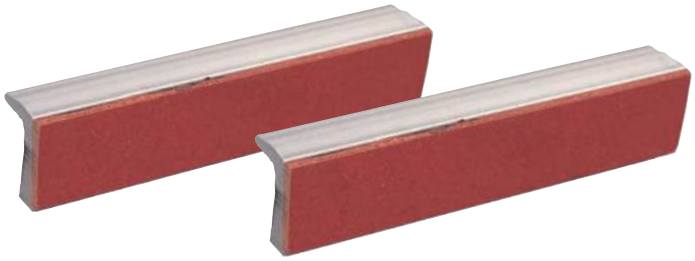
Magnetic Vice Jaws

Suitable for all steel and iron vices - engineers, fitters, machine. Quick and easy to fit and remove.

Profiled Aluminium

Width (mm)	Order Code KEN-589
75 (3")	**-1300K**
100 (4")	**-1400K**
125 (5")	**-1500K**
150 (6")	**-1600K**

Aluminium Jaw with a Fibre Face



Width (mm)	Order Code KEN-589
75 (3")	**-2300K**
100 (4")	**-2400K**
125 (5")	**-2500K**
150 (6")	**-2600K**

Aluminium Jaw with a Rubber Face

These Aluminium vice jaws come complete with a rubber face to ensure your workpiece does not get damaged when clamping. Each vice jaw is also magnetised to firmly attached to your pre-existing vice clamp. Available in a range of sizes to allow you to select the product that will fit your vice clamp. Simple and cost effective way of keeping your tool working to an optimum level.

Width (mm)	Order Code KEN-589
75 (3")	**-3300K**
100 (4")	**-3400K**
125 (5")	**-3500K**
150 (6")	**-3600K**

KENNEDY QUALITY INDUSTRIAL TOOLING General-Purpose Tinsnips

Manufactured from drop forged carbon steel with hardened and precision ground blades which can be re-sharpened.

Standard Type

A traditional design, suitable for the general-purpose cutting of sheet metal in a wide range of materials.

Straight Cut

Length (mm)	Order Code KEN-591
200 (8")	-1080K
250 (10")	-1100K
300 (12")	-1120K

2 Piece Standard Type Tinsnip Set

Contents (mm)	Order Code KEN-591
1 off each 200 (8") & 300mm (12")	-1200K

KENNEDY QUALITY INDUSTRIAL TOOLING Heavy Duty Right Hand Universal Snip

Ideal for the more demanding cutting application. PVC dipped handle.

Straight Blade - Universal cutting.

Straight Cut

Length (mm)	Order Code KEN-591
250 (10")	-1950K

Left Hand

Designed to cut straight or to the left leaving waste material to the right of the blade.

Left Cut

Length (mm)	Order Code KEN-591
280 (11")	-1670K

SENATOR QUALITY TOOLING General-Purpose Straight Blade Tinsnips

A traditional drop forged carbon steel design with induction hardened and ground blades. Suitable for cutting of sheet metal etc.

Straight Cut

Length (mm)	Order Code SEN-591
250 (10")	-1100K

KENNEDY QUALITY INDUSTRIAL TOOLING Jeweller's Snips

Short bladed tinsnip giving precise control on intricate workpieces, ideal for jewellers, silversmiths and model makers.

Straight Cutting

Straight Cut

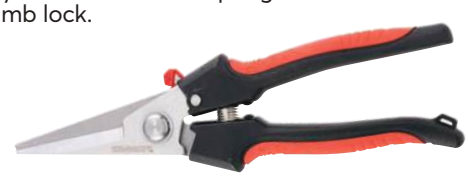
Curved Cutting

Left Cut

Type	Length (mm)	Order Code KEN-591
Straight	180 (7")	-1550K

KENNEDY QUALITY INDUSTRIAL TOOLING Multi-Purpose Cutters

Precision ground and hardened stainless steel blades - HRC 50-54 - with one serrated cutting edge. Light-weight polypropylene handles with spring loaded action. Easy reach safety thumb lock.



Straight Cut

Straight

Type	Length (mm)	Cutting Length (mm)	Order Code KEN-591
Straight	203 (8")	50 (2")	-2360K
Offset	190 (7½")	38 (1½")	-3120K

KENNEDY QUALITY INDUSTRIAL TOOLING Compound Action Aviation Snips

Drop forged chrome vanadium ground blades (54 - 58HRc). The double fulcrum compound action amplifies the pressure applied for easier cutting of up to 1.2mm cold rolled steel sheet. Spring loaded, self-opening action for fast, effortless feed and single-handed operation. Anti-slip guards for extra safety. Thumb lock ensures the jaws stay closed when not in use. For use on mild steel and other non-ferrous materials.

Left Hand or Right Hand Cut
Cut from tight curve to straight.

Right Cut

Left Cut

Type	Length (mm)	Order Code KEN-591
Right Hand	270 (10½")	-2170K
Left Hand	270 (10½")	-2160K

Straight Cut
Cuts straight, left or right. Self-opening action for fast, effortless feed, with a built-in convenient, protective safety latch.

Straight Cut

Length (mm)	Order Code KEN-591
270 (10½")	-2180K

SENATOR QUALITY TOOLING Sheet Metal Nibbler

For cutting sheet materials without bending or distorting, metal up to 1.2mm (18 gauge) and plastic up to 2mm (14 gauge). Positive spring loaded action enables the cutter to be used single-handed. Replaceable molybdenum front blade. Side jaws for wire cutting. Safety jaw lock.

Overall length: 250mm.

Straight Cut

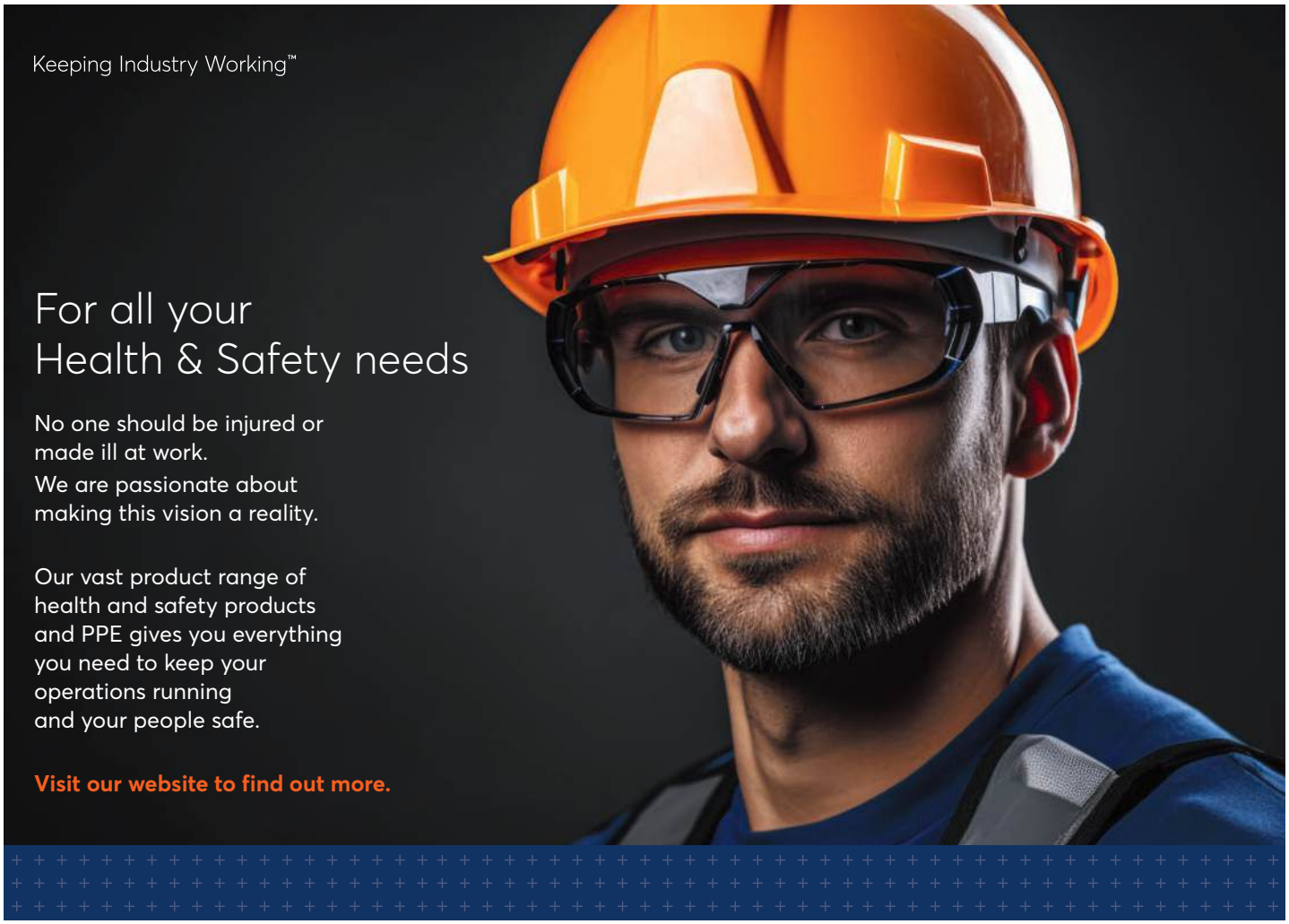
Length (mm)	Order Code SEN-591
250 (10")	-8090K
Replacement Blade	-8095K

Offset Cut (Heavy Duty)
The offset blades keep hands clear of metal. Spring-action for fast, effortless feed. Non-slip, textured grips and safety latch for superior control and a handy hang-up hole.

Right Cut

Left Cut

Type	Length (mm)	Order Code KEN-591
Right Hand	250 (9¾")	-2150K
Left Hand	250 (9¾")	-2140K



Low Tensile Bolt Cutters - Centre Cut

Drop forged hardened carbon steel jaws suitable for round and flat sections. With adjustable arms and cushion grips. Tubular handles for maximum strength combined with low weight.

Centre Cut

Length (mm)	Capacity 15 HRC	Capacity 40 HRC	Order Code **KEN-592**
	Low Tensile Cutters		
300 (12")	5mm	4mm	**-3520K**
350 (14")	7mm	5mm	**-3540K**
450 (18")	8mm	6mm	**-3560K**
600 (24")	10mm	8mm	**-3580K**
750 (30")	13mm	10mm	**-3600K**
900 (36")	14mm	12mm	**-3620K**

High Tensile Bolt Cutters

Drop forged hardened chrome vanadium steel. Ideal for cutting both flat and round section steels. Hardened carbon steel jaws. Tubular steel handles with cushion grip for maximum operator comfort. Conform to **DIN 2076**.

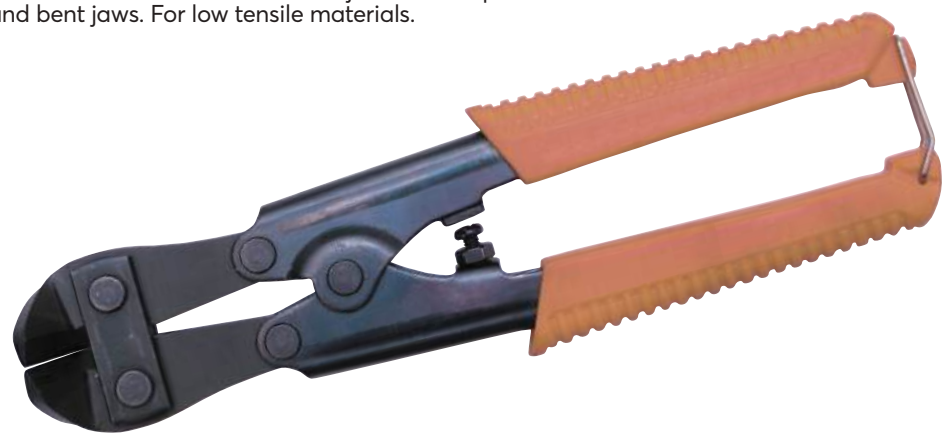
Centre Cut

Cut Type	Overall Length (mm)	735N/mm² (45 tons/in²)	1570N/mm² (100 tons/in²)	Order Code **KEN-592**
Centre	600 (24")	9mm (11/32")	-	**-2296K**
Centre	760 (30")	13mm (1/2")	8mm (5/16")	**-4200K**
Centre	900 (36")	14mm (5/8")	9mm (3/8")	**-4220K**

Mini Bolt Cutters

Mini Cutters - Clipper Cut

Manufactured from forged hardened steel, with spring return, allowing single-handed use. Compound action magnifies the pressure applied to the handle. Ensures a concentration of force between the jaws. Non-slip moulded plastic grip. Available with straight and bent jaws. For low tensile materials.



Jaw Type	Overall Length (mm)	Cutting Capacity 735N/mm² (45 tons/in²)	Weight each	Order Code **KEN-592**
Straight	200 (8")	3mm (1/8")	0.30kg	**-0080K**

DRAWER CABINETS

KENNEDY QUALITY INDUSTRIAL TOOLING Small Parts Storage Cabinets

Manufactured from heavy gauge steel, painted finish with impact resistant transparent polypropylene drawers, allowing contents to be viewed when the drawer is closed. The lip on the rear of the drawer allows it to be opened fully without falling out. The cabinets can be stacked or mounted to the wall to maximise use of storage space.

IMPACT RESISTANT DRAWERS

Cabinet/ Drawers	Height (mm)	Width (mm)	Depth (mm)	Weight each	Order Code KEN-593
Cabinet size 8 Drawers @	282 59	306 140	155 140	1.50kg	**-5100K**
Cabinet size 25 Drawers @	238 36.5	306 54	155 140	2.00kg	**-5120K**
Cabinet size 16 Drawers @	551 59	306 140	155 140	2.80kg	**-5200K**
Cabinet size 60 Drawers @	551 36.5	306 54	155 140	4.50kg	**-5220K**
Cabinet size 30 Drawers @ 4 Drawers @ 2 Drawers @	551 36.5 59 59	306 54 140 280	155 140 140 140	4.50kg	**-5300K**
Cabinet size 45 Drawers @ 2 Drawers @ 1 Drawers @	551 36.5 59 59	306 54 140 280	155 140 140 140	4.20kg	**-5320K**

Drawers to Suit

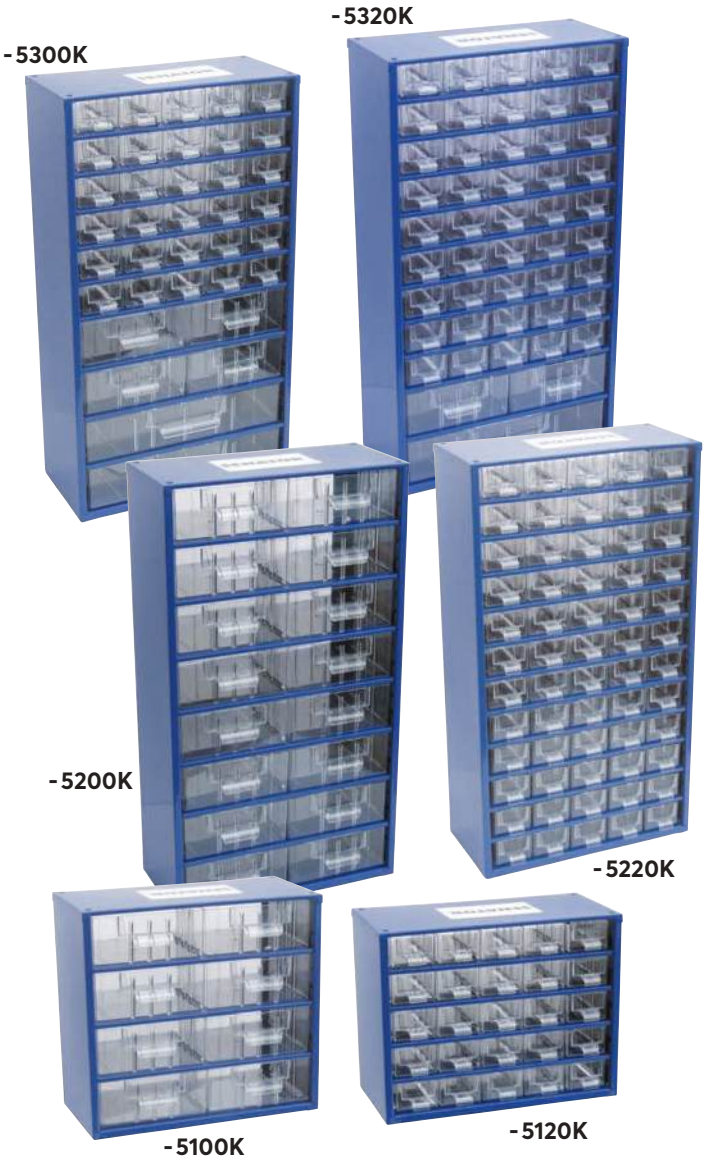
Drawer Size	Height (mm)	Width (mm)	Depth (mm)	Weight each	Order Code KEN-593
Small	36.5	54	140	24g	**-9600K**
Medium	59	140	140	65g	**-9620K**
Large	59	280	140	154g	**-9640K**

Dividers to Suit

Drawer Size	Weight each	Order Code KEN-593
Small 50 x 29mm	19g	**-9700K**
Medium/Large 50 x 133mm	85g	**-9720K**

SENATOR QUALITY TOOLING Small Parts Storage Cabinets

Manufactured from heavy gauge steel, painted finish with transparent plastic drawers, allows contents to be viewed when the drawer is closed. The lip on the rear of the drawer allows it to be opened fully without falling out. The cabinets can be stacked or mounted to the wall to maximise use of storage space.



Cabinet/ Drawers	Height (mm)	Width (mm)	Depth (mm)	Weight each	Order Code SEN-593
Cabinet size 8 Drawers @	282 59	306 140	155 140	1.50kg	**-5100K**
Cabinet size 25 Drawers @	238 36.5	306 54	155 140	2.00kg	**-5120K**
Cabinet size 16 Drawers @	551 59	306 140	155 140	2.80kg	**-5200K**
Cabinet size 60 Drawers @	551 36.5	306 54	155 140	4.50kg	**-5220K**
Cabinet size 30 Drawers @ 4 Drawers @ 2 Drawers @	551 36.5 59 59	306 54 140 280	155 140 140 140	4.50kg	**-5300K**
Cabinet size 45 Drawers @ 2 Drawers @ 1 Drawers @	551 36.5 59 59	306 54 140 280	155 140 140 140	4.20kg	**-5320K**

Drawers to Suit

Drawer Size	Height (mm)	Width (mm)	Depth (mm)	Weight each	Order Code SEN-593
Small	36.5	54	140	13g	**-9600K**
Medium	59	140	140	80g	**-9620K**
Large	59	280	140	192g	**-9640K**

Dividers to Suit

Drawer Size	Weight each	Order Code SEN-593
Small 50 x 29mm	21g	**-9700K**
Medium/Large 50 x 133mm	104g	**-9720K**

KENNEDY QUALITY INDUSTRIAL TOOLING Service Case Organiser

Robust stacking unit containing four lockable organiser cases, which lift and slide out. The expandable system allows units to be attached on top or side by side. Cases have translucent lid for selecting contents and multi-positional compartment separators. Used for storing up to four service cases.

Maximum load: 6kg.
It is recommended that no more than three organisers should be stacked at one time.

Height (mm)	Width (mm)	Depth (mm)	Order Code KEN-593
425	350	375	-2380K

KENNEDY QUALITY INDUSTRIAL TOOLING Professional Service Case

Suitable for transporting and storing smaller items. Manufactured from hi-density industrial strength plastic with opaque lid for viewing contents. Slide clasp-locking mechanism to prevent opening while in transit/storage. Lid and base feature two aligning padlock holes to accept padlocks with shackle diameters up to 5.8mm. The lids have three hinges for strength and durability. Eight fixed compartments supplied with dividers to make up to 16 sections.

Height (mm)	Width (mm)	Depth (mm)	Order Code KEN-593
60	380	335	-2400K

KENNEDY QUALITY INDUSTRIAL TOOLING 10-Compartment Storage Trays

Made from tough polypropylene. Service cases have 10 equal compartments. Lids have positive catches and are semi-transparent to view their contents.

Overall Length	Overall Width	Overall Depth	Order Code KEN-593
240mm	178mm	36mm	-6000K

KENNEDY QUALITY INDUSTRIAL TOOLING Organiser with Polycarbonate Lid

Reinforced body for added strength and durability. Includes 12 storage bins and 2 large and 9 small dividers.
Lid interlocks with inner dividers to prevent movement of parts between compartments and is transparent to enable contents to be viewed at a glance.

Height (mm)	Width (mm)	Depth (mm)	Order Code KEN-593
110	400	389	-2410K

KENNEDY QUALITY INDUSTRIAL TOOLING 4-Drawer Parts Cabinet

Manufactured from hi-impact co-polymer polypropylene with opaque drawers for viewing contents. Three section top compartment with opaque lid and moulded snap clasps to prevent accidental opening. Each internal sliding transparent drawer features three removable dividers and locking mechanism to prevent the drawer opening whilst in transit. Recessed top carry handle and locating lugs allows stacking of multiple cabinets.

Height (mm)	Width (mm)	Depth (mm)	Order Code KEN-593
390	200	340	-1760K

KENNEDY PROFESSIONAL Nail Bag - Nylon

Heavy duty polyester allows exceptional resistance to punctures or tears. Heavily stitched webbing belt complete with heavy duty double capped riveted clasp for added strength and support.

Size (mm)	Order Code KEN-593
525 x 290	-3540K

KENNEDY PROFESSIONAL Tool Pouches

Manufactured from leather. Fully riveted double stitched construction. Chrome leather, two pockets and five loops.
Belt not included.

Size (mm)	Order Code KEN-593
290 x 200	-3640K

KENNEDY PROFESSIONAL Leather Nail Pouch

- Manufactured from high quality split leather for durability
- Boasts a classic brown colour
- Possesses 2 loops, a nail pouch, a tape holder and a webbing belt for ample storage of smaller tools and components
- Webbed nylon belt is highly durable and fastens closed via the plastic clip
- Dimensions (W x L): 220 x 210mm

Weight	Order Code KEN-593
300g	-3470K

KENNEDY PROFESSIONAL Combination Tool Pouch

Double Nail Bag & Tool Pouch
Heavy duty polyester allows exceptional resistance to punctures or tears. Heavily stitched webbing on belt loop and edges. Double capped riveted for added strength and support.
Pouch sizes (L x W x H):
- 270 x 200 x 50mm (2x)
- 130 x 120 x 80mm (2x)
- 140 x 100 x 50mm

Weight	Order Code KEN-593
0.31g	-3400K

KENNEDY PROFESSIONAL Combination Tool Pouches

Leather, made with ten pockets, two loops, webbing belt and tape holder.

Size (mm)	Order Code KEN-593
550 x 220	-3500K

Leather, made with eight deep pockets, two nail pouches, two loops, webbing belt and tape holder.

Size (mm)	Order Code KEN-593
550 x 220	-3510K

KENNEDY PROFESSIONAL Phone Case Plus Belt Clip

- Made to fit most standard belt sizes
- Keeps you connected without worries of damaging or losing your phone
- Sturdy polyester construction
- Hook and loop front flap closure for security
- Polyester
- 600 derneir durable fabric
- Complete with belt loop and clip

Size L x W (mm)	Order Code KEN-593
80 x 165	-5000K

KENNEDY PROFESSIONAL Leather Belts - Heavy Duty Buffalo Finished Leather

- Ideal for attaching belt pouches in order to store your most used tools in an easily accessible manner
- Heavy buckle and retaining loop keep the belt firmly in place
- Manufactured from heavy duty buffalo finished leather for ultimate durability and product longevity
- Available in two sizes to suit your needs
- Product KEN5933020K is 2.55mm thick

Weight	Length mm	Width mm	Order Code KEN-593
180g	1285	40	-3020K

KENNEDY PROFESSIONAL Leather Nail Pouch

- Manufactured from durable leather for product longevity
- Double stitched seams reinforce the structure
- Two pockets to store an ample amount of nails or small components
- Nylon webbing belt is adjustable to fit you comfortably
- Riveted corners provide additional strength in areas of potential weakness

Weight	Length mm	Width mm	Order Code KEN-593
370g	250	360	-3340K

KENNEDY PROFESSIONAL Carpenter's Full Bib Apron

100% cotton drill, with cotton neck loop and ties. Two single stitched pockets.

Size (mm)	Order Code KEN-593
850 x 620	-4010K

KENNEDY PROFESSIONAL Trimming Knife Holster

Manufactured from natural split leather. 100mm tapered pocket with a 40 x 20mm opening. Fully riveted construction. Two slits for belt attachment.
Belt not included.

Size (mm)	Order Code KEN-593
60 x 190	-3750K

KENNEDY PROFESSIONAL Spanner/Tool Holster

Manufactured from natural split leather. Two spanner, tan leather. Reinforced joints.
Belt not included.

Size (mm)	Order Code KEN-593
170 x 110	-3710K

KENNEDY QUALITY INDUSTRIAL TOOLING PVC Multi-Tool Rolls

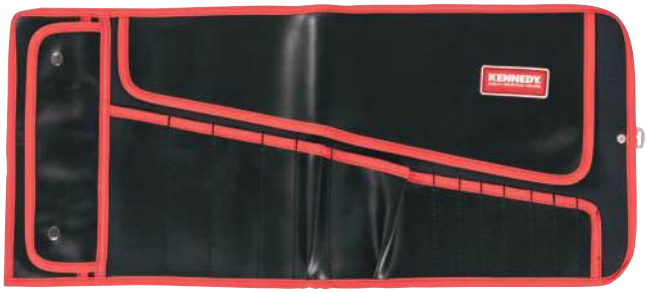
Waterproof, puncture resistant and rot proof PVC outer with heavy-duty nylon weave providing a high strength, abrasion resistant inner lining. With 8 flat tool pockets, webbed ties. Tools secured with flap cover.

Tools Not Included

Size (mm)	Weight each	Order Code KEN-593
390 x 330	190g	-0370K

KENNEDY PROFESSIONAL PVC Double-Coated Nylon Multi-Tool Roll

Puncture resistant and rot proof PVC outer encasing heavy-duty nylon weave. 100% waterproof, easy to clean. With 12 flat, and two pleated pockets, one large end pouch divided into two with a press stud containing flap. Tools secured with flap cover. Leather tie with metal buckle.



Size (mm)	Weight each	Order Code KEN-593
700 x 315	340g	-0520K

KENNEDY PROFESSIONAL Chisel Roll

Waterproof chisel roll with 8 flat pockets. PVC coated cotton, with securing leather strap and metal buckle fastening. Tools secured with flap cover.

Size (mm)	Order Code KEN-593
370 x 490	-0490K

KENNEDY PROFESSIONAL PVC-Coated Cotton Multi-Tool Rolls

Waterproof, puncture-resistant and rot proof PVC outer with medium duty, non-scratch cotton inner. With 15 pleated pockets, two webbed ties. Tools secured with flap cover.

Tools Not Included

Size (mm)	Weight each	Order Code KEN-593
660 x 320	390g	-0440K

KENNEDY PROFESSIONAL PVC-Coated Rayon Tool Rolls

Waterproof, puncture-resistant and rot proof PVC outer with soft non-scratch rayon inner to protect tools.

Multi - With 14 pockets. Tools secured by flap cover with two webbed ties.

Tools Not Included

Size (mm)	Weight each	Order Code KEN-593
650 x 270	270g	-0870K

KENNEDY PROFESSIONAL Bench Stone Holder

To suit stone size 200 x 50 x 25mm.

Stone not included

Weight each	Order Code KEN-593
120g	-7020K

KENNEDY PROFESSIONAL Multi-Purpose Tool & Laptop Bag

Ideal for service engineers. Manufactured from a 600 denier fabric that is exceptionally durable and hard wearing. With large internal compartments (one padded for a laptop), pockets and elasticated tool holders it will help to ensure you have the right tool on site when you require it.

Features include:
Padded laptop holder.
Business card holder.
Adjustable shoulder strap.
Padded handles and strap.
Heavy duty zips and rubber feet.
3x large internal compartments.
15xinternal pockets.
2x external pockets.
46x elasticated tool holders.

Size (H x W x D)	Weight each	Order Code KEN-593
335 x 530 x 190mm	1.5kg	-5050K

SENATOR QUALITY TOOLING Canvas Holdall

Manufactured from heavy duty water resistant canvas. Handles wrap underneath the bag for added strength, fitted with a heavy-duty zip.

Length (mm)	Weight each	Order Code SEN-593
460 (18")	250g	-0560K
610 (24")	335g	-0580K
760 (30")	360g	-0600K

KENNEDY PROFESSIONAL Tool Bumbag with Shoulder Strap

Made of 600 dernier durable fabric with adjustable shoulder and waist straps. It has a large internal compartment with 7 internal and 1 external pockets. Heavy duty zip and padded handles.

Size H x W x D (mm)	Order Code KEN-593
170 x 320 x 160	-0990K

KENNEDY PROFESSIONAL Electrician's Tool Bag

Manufactured from heavy duty tear resistant material with reinforced stitched edging. Hook 'n' loop fastening flap with soft touch carry handle and double webbed shoulder strap fixed with metal release clasps. Two small organiser cases stored in two outer pockets, two removable tool boards (one velcro fastened) are kept inside. Unique tool storage securing system built-in.

Size L x D x H (mm)	Order Code KEN-593
320 x 340 x 125	-0560K

KENNEDY PROFESSIONAL Heavy-Duty Tool Bags

600 denier durable fabric. Adjustable shoulder straps. Padded handles and straps. Heavy duty zips.

-0940K: 11 internal pockets. 17 external pockets. Large internal compartment.
-0980K: 13 external pockets. Large internal compartment can be divided to 5 pockets with dividers. Heavy-duty water-resistant base for extra strength.
Business-card holder and key strap.

Size (H x W x D)	Weight each	Order Code KEN-593
250 x 470 x 270mm	1.3kg	-0940K
280 x 340 x 200mm	1.8kg	-0980K

KENNEDY PROFESSIONAL Heavy Duty Tool Caddy

600 denier durable fabric. Adjustable shoulder strap. Locking telescopic handle. 26 internal pockets. 12 external pockets. Large internal compartment. Padded handles and strap. Heavy duty zip.

Size (H x W x D)	Weight each	Order Code KEN-593
370 x 480 x 260mm	2kg	-0960K

KENNEDY PROFESSIONAL Tool Backpack

NEW

- Middle compartment has pouches for smaller component storage with padlockable zip closures (padlocks sold separately)
- Main compartment supplied with a double-sided tool panel with padlockable zip closures (padlocks sold separately)
- Four rubber feet at the base protect flooring against damage
- Extra padding at the back of the bag for user comfort when in motion

H x W x D: 400 x 140 x 300mm
Weight: 2.3kg

Tools Not Included

Width	Order Code KEN-593
140mm	-4130K

KENNEDY PROFESSIONAL Soft Tool Bag

NEW

- Hard plastic base provides strength when carrying heavier tools
- Heavily padded pouches store tools safely and protect them from knocks and drops
- Main compartment features internal pockets for the sto of various sized tools and components
- Includes an ID label pocket on the back of the bag for user convenience

Tools Not Included

H x W x D:
300 x 210 x 520mm (4150K)
300 x 230 x 410mm (4170K)
Weight:
1.55kg (4150K)
1.3kg (4170K)

Width	Order Code KEN-593
210mm	-4150K
230mm	-4170K

KENNEDY PROFESSIONAL Adjustable Tool Belt

NEW

- Tool pockets are stitched for strength
- Belt is adjustable using a buckle system for customised fitting
- Includes a hammer holder and tape holder for easy access when on the move
- Manufactured from tear-proof material for product longevity

Tools Not Included

Width	Order Code KEN-593
500mm	-4110K

KENNEDY PROFESSIONAL Open Tote Tool Bag

NEW

- Includes a robust metal handle for strength when carrying heavier tools and equipment
- Swing-down front and rear walls provide excellent access and visibility of tools
- Front and rear walls maintain a ninety-degree opening

H x W x D: 280 x 230 x 410mm
Weight: 1.4kg

Tools Not Included

Weight	Order Code KEN-593
1.4kg	-4190K

KENNEDY PROFESSIONAL Pilot Tool Bag

NEW

- Hard plastic base for strength when carrying heavier equipment
- Three compartments provide ample room for tools and a laptop (up to 15.6in.)
- Front and back compartments include pouches for storage of smaller components
- External pockets on both sides for quick access to frequently used tools
- Front compartment is detachable to easily convert into a tool bag only

H x W x D: 360 x 205 x 420mm
Weight: 2.1kg

Width	Order Code KEN-593
205mm	-4210K

SENATOR® QUALITY TOOLING

Built to Perform.
Designed to Last.

Engineered to excel and crafted to endure, tool after tool. Includes an extensive range of products from Tool Kits and Socket Sets to Hammers and Tool Chests.

KENNEDY QUALITY INDUSTRIAL TOOLING Impact Resistant Service Case

Ribbed high strength plastic case with aluminium reinforced trim. Two fitted and hinged tool boards with elasticated tool retaining loops. Lockable with two keys.
Padded carry handle.

Size (mm)	Weight each	Order Code KEN-593
430 x 340 x 160	2.95kg	**-2450K**

KENNEDY QUALITY INDUSTRIAL TOOLING Tool Case, High Impact with TSA Locks

- Durable corrosion-shock and temperature resistant construction
- Full length heavy-duty piano hinge for easy opening
- Two expandable document pockets, two hinged and fitted tool boards with elasticated tool retaining loops
- TSA locks allows security forces access to luggage without damaging the cases.

Size (mm)	Weight each	Order Code KEN-593
485 x 370 x 190	7.5kg	**-2710K**

KENNEDY QUALITY INDUSTRIAL TOOLING Heavy Duty Rugged Explorer Cases

NEW

This range of explorer cases are all watertight, waterproof, sand-proof and dust-proof, offering excellent resistance against shocks and harsh weather. They are designed specifically to transport sensitive devices such as electronics and documentation. Made of copolymer polypropylene, the cases are resistant to both cold and hot temperatures (-33°C / +90°C) and are durable, long-lasting transportation devices.

- Heavy-duty cases
- Jam-free purge valve and latches
- Water, chemical and temperature resistant

Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Order Code KEN-593
410	340	205	3.58	**-4396K**
520	435	230	5.4	**-4397K**
550	350	225	4.5	**-4398K**
670	510	372	12.65	**-4399K**
860	560	355	16.39	**-4400K**

SENATOR QUALITY TOOLING Executive Engineer's Aluminium Tool Case

Large, lightweight case for tool storage, ideal for the mobile engineer. Offers the storage and portability of a large amount of tooling with the professional look of a briefcase. Black aluminium case with silver reinforced edges and corners. Internal base compartment is fitted with adjustable dividers to offer choice of sizes. Removable rigid tool board stored in the lid with 17 pockets of various sizes. 1" wide, length adjustable lightweight nylon shoulder strap with rubber shoulder protector for added comfort. Supplied with fixed handle and two security locks and keys.

Size (mm)	Weight each	Order Code SEN-593
457 x 330 x 150	5.70kg	-4360K

SENATOR QUALITY TOOLING Service Engineer's Aluminium Tool Case

Heavy duty case for tool storage, ideal for the mobile service-engineer. Offers the storage of many tools with the professional look of a briefcase. Silver aluminium with reinforced edges and corners. Internal base compartment is fitted with adjustable dividers to offer choice of sizes. Removable rigid tool board stored in the lid with 17 pockets of various sizes. Supplied with fixed handle and two security locks and keys.

Size (mm)	Weight each	Order Code SEN-593
457 x 330 x 150	3.00kg	-4400K

KENNEDY QUALITY INDUSTRIAL TOOLING Tool Case, HPDE Resin High Capacity with TSA Locks

- TSA locks allows security forces access to luggage without damaging the cases
- Special extra thick aluminium trim for tight closure.
- Complete with two tool boards, each with 31 elasticated tool loops, an expandable document compartment, three small organisers and a customisable storage compartment with dividers

Tools Not Included

Width (mm)	Height (mm)	Depth (mm)	Order Code KEN-593
470	390	347	-2785K

KENNEDY QUALITY INDUSTRIAL TOOLING Technical Service Tool Case

Constructed from impact and temperature resistant injection moulded high thickness polypropylene. The case has a large thick aluminium trim with a strength maximising triple metal hinge. It is highly functional with a significant load carrying capability but has a classy appearance to suit the technician's image.

Features include:
Injection moulded high thickness polypropylene. Telescopic handle and heavy duty rubber wheels. Two removable tool trays. Storage area with removable dividers. Two clasps with key locks.

Tool Case, Polyethylene with TSA Locks

Tools Not Included

Weight (kg)	Order Code KEN-593
2.85	-2505K

Size L x D x H (mm)	Weight each	Order Code KEN-593
465 x 352 x 215	7.00kg	-2520K

KENNEDY QUALITY INDUSTRIAL TOOLING Heavy-Duty Site Tool Box Set

NEW

- Soft grip carry handle for comfort
- Plastic overriders to prevent damage
- Handy V section for cutting pipes
- The tote trays are perfect to store smaller items safely
- Metal latches ensure the boxes stay closed even in transit to prevent loss off tools

Contents	Order Code KEN-593
Set of 2	-1400K

YAMOTO Heavy Duty Site Tool Boxes

Powder coated. Soft grip carrying handle and lightweight design. The black plastic overriders add to the overall ruggedness helping to prevent damage to the box or items around it. The lid has 'V' section to allow measuring and cutting short lengths of pipe. There is a tote tray for smaller items. Fitted with heavy-duty metal latches designed to stay closed even when in transit.

Width (mm)	Depth (mm)	Height (mm)	Order Code YMT-593
470	238	178	-1420K
582	298	255	-1440K
2 Piece Set - (1 of each above)			-1400K

KENNEDY QUALITY INDUSTRIAL TOOLING Tool Box With Tote & Organiser

Made from impact resistant high-density plastic. Internal eight compartment tote tray with retractable carry handle and stacking 16-compartment organiser, moulded metric scale on the lid, lid locking clasps and sturdy plastic handle that also locks lid shut when lifting. With lock hasp and piano hinge.

Size (mm)	Order Code KEN-593
480 x 240 x 260	-2320K

KENNEDY QUALITY INDUSTRIAL TOOLING All In One Professional Tool Box

- Telescopic handle
- Highly versatile configurations
- Various compartment and drawers of different sizes
- Central lock and key system

Type	Length	Width	Height	Weight kg	Order Code KEN-593
Tool Case	581mm	381mm	455mm	13.35	-4395K

KENNEDY QUALITY INDUSTRIAL TOOLING Heavy-Duty Site Tool Boxes

NEW

- Heavy duty metal latches protect and secure your tools as well as the padlock eye (padlock sold separately)
- 'V' groove on the old allows for measuring and cutting short lengths of pipes or wood materials
- Black plastic over-riders add durability to the product and help to prevent damage to the most common areas of wear
- Soft grip carry handle allows for ease of transportation

Product Type	Dimensions (H x W x D)	Weight	Order Code KEN-593
Tool boxes	255 x 298 x 582mm	1.8	-1440K
Tote tray	178 x 238 x 470mm	3kg	-1420K

KENNEDY QUALITY INDUSTRIAL TOOLING Power Tool Case

Sturdy plastic case, suitable for a variety of tools, such as angle grinders, honing machines, drills, planes, sanders, etc.

Size (mm)	Order Code KEN-593
420 x 260 x 160	-1020K

KENNEDY QUALITY INDUSTRIAL TOOLING Steel Tool Tidy

Made from heavy gauge steel with double folded seams. For storing and transporting portable power tools and other items that require an industrial case for protection.

Size (mm)	Order Code KEN-593
270 x 115 x 400	-1000K

KENNEDY QUALITY INDUSTRIAL TOOLING Tool Box with Tote

Manufactured from impact resistant high-density plastic. Internal eight compartment tote tray. Features moulded metric rule on the lid, lid locking clasps and sturdy plastic handle that also locks lid shut when lifting. Padlock hole and piano hinges.

Size (mm)	Order Code KEN-593
445 x 240 x 220	-2300K

Multi-Utility Storage Box

A lightweight high capacity injection moulded polypropylene box for tough, heavy duty use. Water-resistant design and integral lifting grips on both sides. The lid features a full length steel pin hinge with 'positive pressure' cam style clasping mechanism that seals the case to create a water-resistant closure. Also features integral trolley suit-case style wheels and a pull-out handle, a robust fold flat carry handle and a slide out clear ID/ nameplate holder. Shock-resistant and corrosion-proof. Moulded padlocking hasp and stacking locators.

Tools Not Included

Size WxDxH (mm)	Order Code KEN-593
780 x 410 x 330	-1600K

4-Drawer Tool Chest

• Manufactured from high impact co-polymer polypropylene.
• Metric graduated V-groove in the lid securely holds workpiece while being cut.
Features 4 sliding drawers enclosed with a slide clasp front panel to prevent opening whilst in transit. Top carry handle with soft touch grip zone and large locking clasps. Front cover panel and lid have aligning padlock hole for added security.

Tools Not Included

Size WxDxH (mm)	Order Code KEN-593
450 x 250 x 325	-1500K

Mobile Tool Box

Sturdy mobile tool box with a large lower storage area for power tools, etc. The tool box has an integral handle slides out for ease of transport, two nested tote trays for smaller tools. The lockable lid has two storage compartments for fixings.

Tools Not Included

Size WxDxH (mm)	Order Code KEN-593
580 x 370 x 480	-2000K

20" Toolbox with 9 Organisers & Tote Tray

Lightweight reinforced body for added strength and durability. Supplied with 3 removable organisers with lids and 6 organiser compartments built into the lid. Includes removable tote tray with handle.

Size WxDxH (mm)	Order Code KEN-593
580 x 370 x 480	-2360K

Tool Box with Tote & Wheels

• Recessed rigid handle for tilting box onto wheels for easy transportation.
• Large clasps to lock lid when in transit/ storage and padlock hole for security.
• Recessed carrying handle allows stacking.
• Five-compartment tote tray also features opaque lids on the two end compartments with moulded snap clasps to prevent accidental opening.

Weight: 3.30kg.

Size WxDxH (mm)	Order Code KEN-593
645 x 280 x 300	-2340K

Tote Tool Organisers

Multi-purpose tote tray organisers are an ideal way to store and transport tools. The tote provides two deep trays for storage, built-in tool holders and a ribbed handle for extra grip.

Small: 392 x 279 x 147mm.
Large: 520 x 340 x 200mm.

Tools Not Included

Size	Order Code KEN-593
Small	-2040K
Large	-2070K

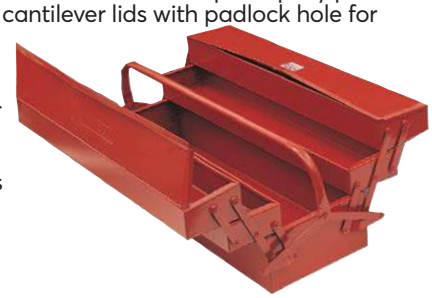
5 Compartment Cantilever Tool Box

- Compartment bottoms lined with foam to help prevent damage to tools
- Integral full length double handle for carrying and opening
- Folding lids are stiffened for extra durability
- Edges are deburred for safety
- Can be secured with a padlock (padlock not included)
- Painted for rust prevention
- 25kg load capacity
- KEN5931280K includes 5 foams

Order Code KEN-593
-1280K

Industrial Cantilever Tool Boxes

Manufactured from industrial quality steel with all welded construction. Durable corrosion-resistant two-part epoxy powder coat finish. Two piece cantilever lids with padlock hole for additional security. Large base compartment with four partitioned, instant access cantilever trays for additional storage. Full width carry handle also automatically closes trays when lifting.



Overall Length	Overall Width	Overall Depth	Weight each	Order Code KEN-593
430mm	205mm	205mm	5.30kg	-1170K

Barn-Type Tool Boxes

Manufactured from heavy gauge steel of rigid construction for continuous industrial use. Large base compartment for larger items and removable tote tray for smaller and most used items. Hard wearing cellulose paint finish. Two piece lid doors that overlap with padlock hole for added security. Full width piano hinges provide rigidity and strength. Supplied with fixed carry handle on the lid.

Overall Length	Overall Width	Overall Depth	Weight each	Order Code KEN-593
355mm	205mm	185mm	3.00kg	-2140K
480mm	205mm	185mm	4.40kg	-2190K

Plastic Spanner Holder

- Holds up to 15 spanners for quick access
- Wall mountable offering convenient storage
- Keeps tools neatly arranged, preventing cluttering
- Easy size identification simplifies tool selection

Order Code KEN-593
-3025E

HD Compact Logic Toolbox System

Four-in-One organiser system. HD handles and metal fasteners. Pull handle has locking system. The wheels are plastic with a protective rubber layer. Large tools container, deep tray with four organisers on the lid with Polycarborbonate covers.

Type	Height	Width	Depth	Order Code KEN-593
Wheelbox	645mm	450mm	350mm	-2790K

Cantilever Tool Boxes

Steel construction with two piece cantilever lids with padlock hole for additional security.
Large base compartment with four easy access cantilever trays for additional storage. The full width carry handle automatically closes the trays when lifting.

Size (mm)	Order Code SEN-593
430 (17")	-1370K
530 (21")	-1410K

Barn-Type Tool Box

Steel construction with base compartment for larger items and removable upper tray for smaller, most used items.

Size (mm)	Order Code SEN-593
355 (14")	-1540K

KENNEDY PROFESSIONAL 18" Professional Cantilever

Heavy gauge steel with all-welded construction for continuous industrial use. Durable corrosion-resistant two part epoxy powder coat finish. Fully enclosed cantilever mechanism for added security. Quick release lid clasps with padlock hole for security. Two- piece cantilever lids that can be padlocked for additional security (padlock not included). Full width piano hinges provide rigidity and strength. Large base compartment (450 x 260 x 170mm) with four cantilever trays for additional storage. The cantilever action of the top trays makes tray contents instantly available. Supplied with fixed carry handle on the lid.

Width (mm)	Depth (mm)	Height (mm)	Weight each	Order Code KEN-594
459	255	333	9.10kg	-0140K

KENNEDY QUALITY INDUSTRIAL TOOLING Industrial Cantilever Tool Boxes

Manufactured from industrial quality steel with all welded construction. Durable corrosion-resistant two-part epoxy powder coat finish. Two piece cantilever lids with padlock hole for additional security. Large base compartment with four partitioned, instant access cantilever trays for additional storage. Full width carry handle also automatically closes trays when lifting.

Overall Length	Overall Width	Overall Depth	Weight each	Order Code KEN-593
560mm	205mm	205mm	6.10kg	-1210K

KENNEDY PROFESSIONAL Heavy Duty Tool Boxes

Heavy gauge steel, all welded construction. Durable and corrosion resistant two-part epoxy powder paint finish. With quick release lid clasps, padlock hasps and textured carry handles. Full width piano hinges provide rigidity and strength, ensuring smooth operation and additional security.
Removable tote tray for smaller tools and components. Can be padlocked for additional security (padlock not included). Supplied with fixed carry handle on the lid.

Width (mm)	Depth (mm)	Height (mm)	Weight each	Order Code KEN-594
483	180	180	3.65kg	-0040K
508	218	243	6.35kg	-0060K

KENNEDY QUALITY INDUSTRIAL TOOLING Barn Type Tool Boxes

- Manufactured from a heavy duty gauge steel making it a durable and robust product that's resistant to everyday wear and tear
- Comprised of a large base compartment for power tools and bigger tools and a removable tote tray for your smaller components and most used hand tools for easy access
- Full width piano hinges that bolster rigidity and strength of the product
- Handy fixed carry handle for ease of transportation
- Ideal for use on construction sites due to its heavy duty structure, but can also be used as a sturdy option for a DIY enthusiast or hobbyist

Type	Length	Width	Height	Weight kg	Order Code KEN-593
Tool Box	610mm	205mm	185mm	5	-2240K

KENNEDY QUALITY INDUSTRIAL TOOLING Combination Pouches

Leather, made with one pocket, two loops and nail pouch. Belt not included.

Tools not included

Size (mm)	Weight each	Order Code KEN-593
280 x 270	310g	-3600K

Manufactured from leather with a fully riveted double stitched construction. Chrome leather, five pockets and one loop. Belt not included.

Tools not included

Size (mm)	Weight each	Order Code KEN-593
210 x 250	340g	-3450K

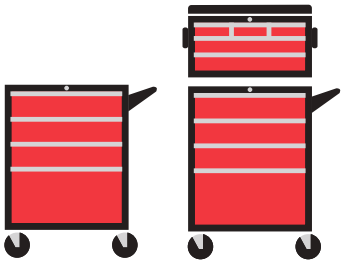
Leather, made with five pockets and one loop. Belt not included.

Tools not included

Size (mm)	Weight each	Order Code KEN-593
250 x 280	360g	-3460K

KENNEDY PROFESSIONAL Ultimate Range Roller Cabinets/Workstation & Top Chests

- Anti-rust and solvent resistant powder coat finish protects against incidental damage
- Two part construction with strong steel inner walls and reinforced back panels
- Perforated sides optimise space with easy to install accessories and tool holders
- 45˚ angled corners protect against mobility strains and preserve unit shape
- Plastic bumpers on each corner protect against impact
- Non-slip EVA 3mm drawer liners prevent damage and protect tools
- Fully opening drawers for greater access
- 45mm Ball bearing slides give good drawer stability and smooth action even under load
- Strong ergonomic side handles either side of the unit
- Full height rear locking mechanism with cylinder locks for greater security
- Top chest designed to combine with roller cabinets for maximum storage



Versatile configurations for Cabinets/ Workstations and Top Chests

Top Chest

Tool Control inlay sets Pages 492-496

Top Chest
6 Drawer with Top Compartment

Roller Cabinet
5 Drawer

Draw Load Capacity kg	
-2240K	40 - 45kg
-2140K	40 - 45kg
-2340K	40 - 45kg
-6800K	40 - 45kg

Roller Cabinet
7 Drawer

Accessories & Spares
See Page 503

Workstation
10 Drawer & Cabinet

Top Chest

Number of Drawers	Width (mm)	Depth (mm)	Height (mm)	Order Code KEN-594
6	710	465	455	**-2240K**

Roller Cabinets

Number of Drawers	Width (mm)	Depth (mm)	Height (mm)	Order Code KEN-594
5	710	465	845	**-2140K**
7	710	465	845	**-2340K**

Workstation

Number of Drawers	Width (mm)	Depth (mm)	Height (mm)	Order Code KEN-594
10	1123	791	844	**-6800K**

Ultimate Range Features

Lockable Castors

Keyed Drawer Locking Mechanism

45˚ angled corner protection

Gas Struts for extra safety

Ergonomic Handles

Full width drawer (KISS) catches

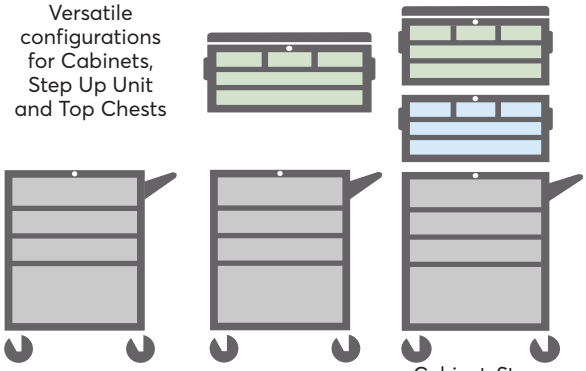
45mm Ball Bearing Slides

ROLLER CABINETS & TOP CHESTS

KENNEDY PROFESSIONAL Classic Range - Extra Deep, Heavy Duty Cabinets and Top Chests

- Heavy gauge steel, welded and riveted
- Extremely rigid construction
- Over 25% deeper than standard size tool chests and cabinets
- Two part epoxy powder paint finish
- Excellent corrosion-resistance and durability
- Central locking system
- Full width piano hinge provides rigidity, strength and additional security
- Drawers have smooth running ball bearing slides with a safety catch
- Drawers have rigid aluminium edged handles
- Heavy Duty Castors for the cabinets
- Top Chests can be used on top of the Cabinet or as a standalone unit

Versatile configurations for Cabinets, Step Up Unit and Top Chests



Cabinet | Cabinet & Top Chest | Cabinet, Step Up Unit & Top Chest

Roller Cabinet
7 Drawers

Top Chest
3 Drawers with Top Compartment

Draw Load Capacity kg
-4845K 20 - 30kg
-5745K 15 - 40kg
-4825K 20kg

For Spares see Page 490
Top Chests use 14" drawer slides.

Roller Cabinet
11 Drawers

Roller Cabinets

Number of Drawers	Width (mm)	Depth (mm)	Height (mm)	Order Code KEN-594
7	699	458	993	**-4845K**
11	1067	458	1007	**-5745K**

Top Chests & Step-up Unit

Number of Drawers	Width (mm)	Depth (mm)	Height (mm)	Order Code KEN-594
3	684	445	585	**-4825K**

Classic Range Extra Deep, Heavy Duty Features

Heavy Duty Castors

Cabinet Side Handle

Checker-plate Top

Lockable Stays

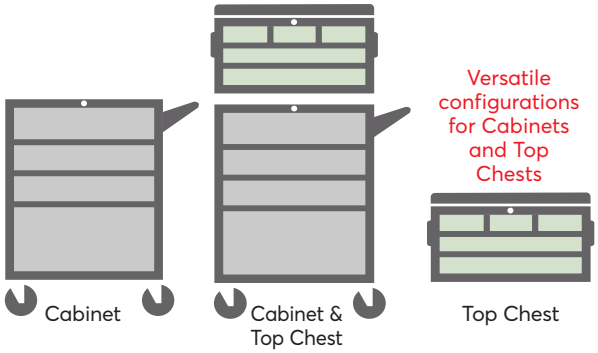
Heavy Duty Chest Handles

Individual Catches

Ball Bearing Slides

KENNEDY PROFESSIONAL Classic Range - Extra Wide, Heavy Duty Cabinets & Top Chests

- Manufactured from heavy gauge steel with double wall construction side panels and welded joints for added rigidity
- Coated in a hard wearing epoxy powder
- Fully opening drawers for extra accessibility
- Quick release smooth running ball bearing drawer slides
- Supplied with top mat and drawer liners.
- Fully locking. 125 x 50mm heavy duty extra strong castors, fitted with two brakes
- Castors are rated to 100kg capacity standing load per castor
- Roller cabinets are not suitable for frequent relocation when loaded



Top Chest 12 Drawers with Top Compartment

Top Chest 6 Drawers with Top Compartment

Top Chest 10 Drawers with Top Compartment

Roller Cabinet 7 Drawers

Draw Load Capacity kg	
-5705K	20 - 40kg
-4885K	15 - 40kg
-4865K	15 - 20kg
-5785K	15 - 20kg
-5280K	10 - 25kg

For Spares see Page 490
Top Chests use 14" drawer slides.

Roller Cabinet 10 Drawers

Roller Cabinets

Number of Drawers	Width (mm)	Depth (mm)	Height (mm)	Order Code KEN-594
7	1067	458	1007	**-5705K**
10	1067	458	1080	**-4885K**

Top Chests

Number of Drawers	Width (mm)	Depth (mm)	Height (mm)	Order Code KEN-594
6	1051	445	584	**-4865K**
10	1051	445	552	**-5785K**
12	690	445	490	**-5280K**

Classic Range Extra Wide, Heavy Duty Features

Heavy Duty Castors

Cabinet Side Handle

Checker-plate Top

Lockable Stays

Heavy Duty Chest Handles

Individual Catches

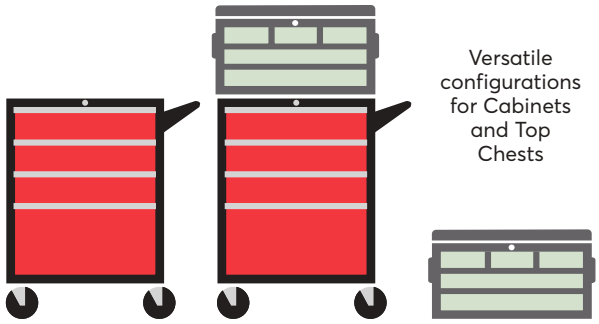
Ball Bearing Slides

ROLLER CABINETS & TOP CHESTS

KENNEDY PROFESSIONAL Classic Red Range Cabinet, Top Chests & Service Cart

For Spares see Page 490

- Manufactured from heavy gauge steel with double wall construction side panels and welded joints for added rigidity
- Coated in a hard wearing epoxy powder
- Fully opening drawers for extra accessibility
- Quick release smooth running ball bearing drawer slides with double sliders on base drawer
- Supplied with top mat and drawer liners
- Fully locking. 125 x 50mm heavy-duty extra strong castors, fitted with two brakes
- Castors are rated to 100kg capacity standing load per castor
- Drawer loads should be evenly distributed
- Roller cabinets are not suitable for frequent relocation when loaded, and when moved should only ever be pushed



Tool Control inlay sets Pages 492-496

Top Chest
3 Drawers with Top Compartment

Top Chest
6 Drawers with Top Compartment

Roller Cabinet
5 Drawers

Roller Cabinet
3 Drawers

Top Chests

Number of Drawers	Width (mm)	Depth (mm)	Height (mm)	Order Code KEN-594
3	690	385	385	**-5200K**
6	690	315	385	**-5240K**

Service Cart
4 Drawers with Top Compartment

Draw Load Capacity kg	
-5580K	20 - 45kg
-5200K	15kg
-5240K	10 - 15kg
-2050K	Total 150kg

Roller Cabinet
7 Drawers

Service Cart

Number of Drawers	Width (mm)	Depth (mm)	Height (mm)	Order Code KEN-594
4	650	500	960	**-2050K**

Roller Cabinets

Number of Drawers	Width (mm)	Depth (mm)	Height (mm)	Order Code KEN-594
3	690	460	890	**-5500K**
5	690	460	890	**-5540K**
7	690	440	890	**-5580K**

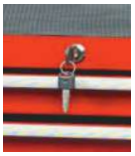
Classic Red Range Features

125mm Locking Castors

16" drawer ball bearing slides

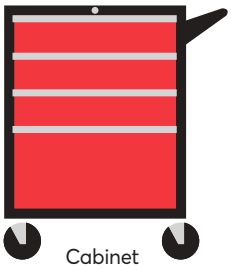
Side Handles on Cabinets

Lockable Stays


Lockable Drawers

KENNEDY PROFESSIONAL Classic Green Range Roller Cabinets

- Manufactured from heavy gauge steel with double wall construction side panels and welded joints for added rigidity
- Coated in a hard wearing epoxy powder
- Fully opening drawers for extra accessibility
- Quick release smooth running ball bearing drawer slides with double sliders on base drawer
- Supplied with top mat and drawer liners
- Fully locking. 125 x 50mm heavy-duty extra strong castors, fitted with two brakes
- Castors are rated to 100kg capacity standing load per castor
- Drawer loads should be evenly distributed
- Roller cabinets are not suitable for frequent relocation when loaded, and when moved should only ever be pushed



Draw Load Capacity kg

-5510K	25kg
-5550K	25 - 45kg
-5590K	20 - 45kg

For Spares see Pages 490

Tool Control inlay sets
Pages 492-496

Roller Cabinet
3 Drawers with Compartment

Roller Cabinet
5 Drawers

Roller Cabinet
7 Drawers

Roller Cabinets - Green

Number of Drawers	Width (mm)	Depth (mm)	Height (mm)	Order Code **KEN-594**
3	690	440	890	**-5510K**
5	690	440	890	**-5550K**
7	690	440	890	**-5590K**

Classic Green Range Features

Lockable strong castors

Cabinet Handle

Lockable Drawers

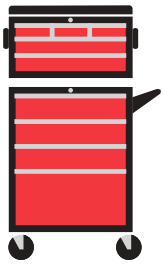
ROLLER CABINETS & TOP CHESTS

KENNEDY QUALITY INDUSTRIAL TOOLING

Industrial Range
Roller Cabinets / Workstation & Tool Chests

- Anti-rust and solvent resistant powder coat finish
- Perforated sides optimise space with easy to install accessories
- Steel inner walls for added strength and extra rigidity
- Non-slip EVA top mat and liners prevent damage and protect tools
- Fully opening drawers with magnets to secure them in place
- 45mm Ball bearing slides give good drawer stability and smooth action
- Locking system with cylinder locks for added security
- Strong ergonomic side handle, which can fit to either side of the unit
- 125mm diameter castors with lockable brakes absorb shock
- Spring loaded catches prevent drawers opening when repositioning
- Workstation has larger top surface and additional storage in lockable side cupboards, complete with gas struts

Cabinet/ Workstation



Cabinet/ Workstation & Top Chest

Versatile configurations for Cabinets/ Workstations and Top Chests

Top Chest

Tool Control inlay sets Pages 492-496

Top Chest
3 Drawers with Top Compartment

Top Chest
12 Drawers with Top Compartment

Top Chest
6 Drawers with Top Compartment

Roller Cabinet
7 Drawers

Roller Cabinet
3 Drawers with Compartment

Draw Load Capacity kg	
-2020K	30 - 35kg
-2120K	30 - 35kg
-2320K	30 - 35kg
-2920K	30 - 35kg
-2040K	30 - 35kg
-2220K	30 - 35kg
-2420K	30 - 35kg

Accessories & Spares See Page 490

Workstation
5 Drawers & 2 Compartments

Roller Cabinets & Workstation

Number of Drawers	Width (mm)	Depth (mm)	Height (mm)	Order Code KEN-594
3	710	465	845	**-2020K**
5	710	465	845	**-2120K**
7	710	465	845	**-2320K**
Workstation				
5	907	474	815	**-2620K**

Top Chests

Number of Drawers	Width (mm)	Depth (mm)	Height (mm)	Order Code KEN-594
3	710	465	375	**-2040K**
6	710	465	455	**-2220K**
12	710	465	485	**-2420K**

Industrial Range Features

Lockable Castors

Lockable Steel Stays (gas struts optional)

Corner Protection on top chest

Side Carry Handles

Ergonomic Side Handle

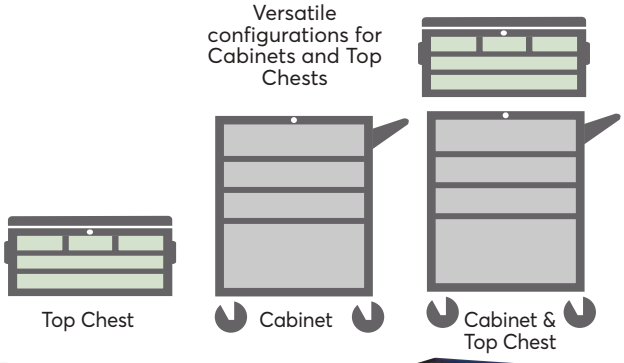
Spring Loaded Drawer Catches

45mm Ball Bearing Slides

SENATOR QUALITY TOOLING Classic Blue Range Roller Cabinets & Tool Chests

- Powder coated finish in blue/grey
- Steelpanel construction
- Aluminium drawer pulls
- Foam drawer liners
- Ball bearing drawer slides
- 100mm heavy duty castors with 2x brakes
- Fully locking.
- Roller cabinets should not be pushed.

Versatile configurations for Cabinets and Top Chests



Top Chest
3 Drawers with Top Compartment

Top Chest
6 Drawers with Top Compartment

Draw Load Capacity Kg	
-0200K	10Kg
-5240K	15 - 20Kg
-5580K	15 - 20Kg
-1550K	25Kg
-1570K	25Kg

Roller Cabinet
5 or 7 Drawer

Roller Cabinet
7 Drawer

For Spares see Page 490

Top Chests

Number of Drawers	Width (mm)	Depth (mm)	Height (mm)	Order Code SEN-594
3 Red	520	218	304	**-0200K**
6 Blue	668	315	389	**-5240K**

Roller Cabinets

Colour	Number of Drawers	Width (mm)	Depth (mm)	Height (mm)	Order Code SEN-594
Blue	7	689	459	780	**-5580K**

Colour	Overall Length mm	Width mm	Height mm	No. of Drawers	Order Code SEN-594
Red	678	459	724	3	**-1530K**
Red	678	459	724	5	**-1550K**
Red	678	459	724	7	**-1570K**

Classic Blue Range Features

Lockable Castors

Lockable Steel Stays

Locking Mechanism

Top Compartment

KENNEDY PROFESSIONAL Portable Tool Chests

Manufactured from heavy gauge steel with all welded construction. Durable and corrosion-resistant two part epoxy powder paint finish. With quick release lid clasps, padlock hasps and textured carry handles. Full width piano hinges provide rigidity and strength, ensuring smooth operation and additional security.

2 Drawer
Two full-length drawers with rigid aluminium lipped handles. Automatically locks the drawers when the lid is closed, to prevent accidental opening.

Drawer size:
508 x 190 x 76mm.

3 Drawer
Three full-length drawers with rigid aluminium edged handles.
Fully lockable unit with a handle on the top and a carry handle on each end. The lid automatically locks all of the closed drawers when lowered to prevent opening.

Overall dimensions (W x H x D):
520 x 340 x 215mm.

Drawer sizes:
3 @ 449 x 196 x 54mm. .

Number of Drawers	Width (mm)	Depth (mm)	Height (mm)	Weight each	Order Code KEN-594
2	534	218	288	10.4kg	**-0100K**
3	520	218	300	10.4kg	**-0120K**

SENATOR QUALITY TOOLING 3 Tray Tool Trolley

- Bolted steel construction
- 100mm industrial castors
- Brakes fitted to two end castors
- Hard wearing powder coated finish

Width mm	Depth mm	Height mm	Order Code SEN-594
737	383	663	**-4030K**

ROLLER CABINET ACCESSORIES

KENNEDY QUALITY INDUSTRIAL TOOLING

Ultimate & Industrial Range Accessories

Waste Bin
Size: (WxDxH)
300x135x250mm

Gas Struts

Description	Order Code KEN-594
Paper Roll Holder	-1560K
ABS Work Top Tray	-1580K
4 Piece Can Holder	-1590K
7 Piece Hook Rack	-1610K
7 Piece Screwdriver	-1630K
Tote Tray	-1640K
Multifunctional Tray	-1650K
Side Tray	-1660K
Waste Bin	-1670K

Description	Order Code SPR-567
Gas Struts	-3280K

Multifunctional Tray
Size: (WxDxH)
320x90x120mm

ABS Work Top Tray
Size: (WxDxH)
720x470x25mm

7 Piece Hook Rack
Size:
(WxDxH)
325x5x
29mm

Side Tray
Size: (WxDxH)
300x120x60mm

4 Piece Can Holder
Size: (WxDxH)
325x90x70mm

7 Piece Screwdriver Holder
Size:
(WxDxH)
200x39x
65mm

Tote Tray
Size
(WxDxH):
440 x 175 x
85mm

320mm Paper Roll Holder
Size:
(WxDxH)
20x30x
270mm

Cabinet & Chest Spares

* Note: Drawer liner size is 583 x 405mm and can be cut to size. All spare keys are supplied as blanks and will need cutting to size.

Cabinet/Chest Order Code	Lock & Key Order Code SPR-567	Key Blank Order Code SPR-567	Draw Slides Order Code SPR-567	Lid Stays Order Code SPR-567	Castors Order Code SPR-567	Top Mat Order Code SPR-567	Draw Liner* Order Code SPR-567
KENNEDY QUALITY INDUSTRIAL TOOLING							
KEN-594- 2020K	-2870K	-2220K	-	-	-2910K	-2800K	-2810K
KEN-594- 2040K	-2870K	-2220K	-	-3300K	-	-	-2810K
KEN-594- 2050K	-7180K	-7340K	-	-	-	-	-
KEN-594- 2120K	-2870K	-2220K	-	-	-2910K	-2800K	-2810K
KEN-594- 2140K	-2870K	-2220K	-	-	-2920K	-2800K	-2820K
KEN-594- 2220K	-2870K	-2220K	-	-3300K	-	-	-2810K
KEN-594- 2240K	-2870K	-2220K	-	-3280K	-	-	-2820K
KEN-594- 2320K	-2870K	-2220K	-	-	-2910K	-2800K	-2810K
KEN-594- 2340K	-2870K	-2220K	-	-	-2920K	-2800K	-2820K
KEN-594- 2420K	-2870K	-2220K	-	-3300K	-	-	-2810K
KEN-594- 2620K	-3320K	-2220K	-	-	-2910K	-7830K	-2810K
KEN-594- 4825K	-9504K	-	-	-	-	-	-
KEN-594- 4845K	-9501K	-	-	-	-	-	-
KEN-594- 4865K	-9504K	-	-	-	-	-	-
KEN-594- 4885K	-9501K	-	-	-	-	-	-
KEN- 594- 5200K	-1540K	-1580K	-7000K	-6950K	-	-	-6610K
KEN- 594- 5240K	-1540K	-1580K	-7000K	-6950K	-	-	-6610K
KEN- 594- 5280K	-1540K	-	-	-	-	-	-
KEN- 594- 5290K	-1540K	-1580K	-7040K	-6950K	-	-	-6610K
KEN- 594- 5500K	-1540K	-1580K	-7040K	-	-6920K	-7560K	-6610K
KEN- 594- 5510K	-1540K	-1580K	-7040K	-	-6920K	-7560K	-6610K
KEN- 594- 5540K	-1560K	-1580K	-7040K	-	-6920K	-7560K	-6610K
KEN- 594- 5550K	-1560K	-1580K	-7040K	-	-6920K	-7560K	-6610K
KEN- 594- 5580K	-1560K	-1580K	-7040K	-	-6920K	-7560K	-6610K
KEN- 594- 5590K	-1560K	-1580K	-7040K	-	-6920K	-7560K	-6610K
KEN- 594- 5705K	-9511K	-	-	-	-9517K	-	-
KEN- 594- 5745K	-9511K	-	-	-	-9517K	-	-
KEN- 594- 5785K	-9510K	-	-	-9516K	-	-	-
KEN- 594- 6800K	-2870K	-2220K	-		-2920K	-	-2820K
SENATOR QUALITY TOOLING							
SEN- 594- 0200K	-	-7300K	-7020K	-	-	-	-6610K
SEN- 594- 1530K	-2880K	-2260K	-	-	-2830K	-	-2810K
SEN- 594- 1550K	-2880K	-2260K	-	-	-2830K	-	-2810K
SEN- 594- 1570K	-2880K	-2260K	-	-	-2830K	-	-2810K
SEN- 594- 5240K	-7180K	-7340K	-	-6980K	-	-	-
SEN- 594- 5580K	-7180K	-7340K	-	-	-2830K	-	-

KENNEDY PROFESSIONAL Magnetic Tool Tray

Suitable for keeping small parts, components and tools near to hand when working on vehicles, domestic appliances and other equipment.
- Steel corrosion-resistant tray
- 3x magnets in non-scratch coating

Overall Dimentions: 310 x 115 x 31mm

Length mm	Width mm	Depth mm	Order Code KEN-594
310	115	115	-6520K

KENNEDY PROFESSIONAL Stainless-Steel Roller Cabinet

- Rust-resistant stainless steel construction provides long-lasting durability
- Non-slip EVA liners protect tools from damage
- Smooth ball bearing slides ensure stability and smooth drawer action
- Ergonomic handle allows for easy transport

Overall Length	Overall Width	No. of Drawers	Maximum Weight Capacity	Order Code KEN-594
678mm	459mm	7	550kg	-2422K

Roller Cabinets & Tool Chests

See our range

Scan the QR code

TOOL CONTROL INLAY SETS

KENNEDY QUALITY INDUSTRIAL TOOLING Open End Spanner Set - Metric & AF 21 Pieces

Full Size

Inlay contains:
1x 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27 and 30x32mm metric spanners 1x ¼"x5/16", 5/16"x3/8", 3/8"x7/16", 7/16"x½", ½"x9/16", 9/16"x5/8", 5/8"x11/16", 11/16"x¾", 3/4"x7/8" and 15/16"x1" AF spanners

Type	Order Code KEN-595
	-0060K
	-0065K

KENNEDY QUALITY INDUSTRIAL TOOLING Combination Spanner Set - Metric 26 Pieces

Full Size

Inlay contains:
1x 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 and 32mm

Type	Order Code KEN-595
	-0090K
	-0095K

KENNEDY QUALITY INDUSTRIAL TOOLING Combination Spanner Set - AF 12 Pieces

2/3 Size

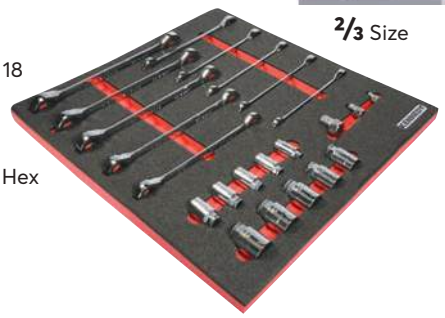
Inlay contains:
1x ¼", 5/16", 3/8", 7/16", ½", 9/16", 5/8", 11/16", ¾", 7/8", 15/16" and 1" AF spanners

Type	Order Code KEN-595
	-0110K
	-0115K

KENNEDY QUALITY INDUSTRIAL TOOLING Ratchet Spanner & Socket Set - Metric 23 Pieces

2/3 Size

Inlay contains:
1x 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19mm spanners and Go-Thru™ sockets
1x ¼"x10mm, 3/8"x13mm, ½"x19mm quick release Hex square drives

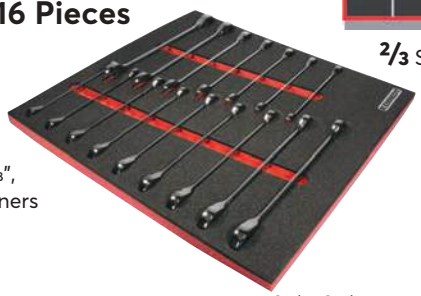


Type	Order Code KEN-595
	-0130K
	-0135K

KENNEDY QUALITY INDUSTRIAL TOOLING Combination Spanner Set - Metric & AF 16 Pieces

2/3 Size

Inlay contains:
1x 10, 11, 12, 13, 14, 15, 16, 17 and 19mm metric spanners
1x 3/8", 7/16", ½", 9/16", 5/8", 11/16" and ¾" AF spanners



Type	Order Code KEN-595
	-0120K
	-0125K

KENNEDY QUALITY INDUSTRIAL TOOLING Combination Spanner Set - Metric 18 Pieces

2/3 Size

Inlay contains:
1x 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 and 24mm

Type	Order Code KEN-595
	-0080K
	-0085K

TOOL CONTROL INLAY SETS

KENNEDY QUALITY INDUSTRIAL TOOLING ½" Socket Set - Metric 30 Pieces

Full Size

Inlay contains:
1x 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22,23, 24, 25, 26, 27, 30 and 32mm sockets
1x M10 and M14 Spark plug sockets
1x ratchet handle, sliding T-handle, universal joint and 75, 125, 250mm extension bars

Type	Order Code KEN-595
	-0220K
	-0225K

KENNEDY QUALITY INDUSTRIAL TOOLING ½" Socket Set - Metric 30 Pieces

2/3 Size

Inlay contains:
1x 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30 and 32mm Ken-Grip® sockets
1x M10 and M14 Spark plug sockets
1x ratchet handle, sliding T-handle, universal joint and 75, 125,250mm extension bars

KENGRIP

Type	Order Code KEN-595
	-0200K
	-0205K

KENNEDY QUALITY INDUSTRIAL TOOLING ⅜" Socket Set- Metric 50 Pieces

Full Size

Inlay contains:
1x 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 and 22mm ⅜" sockets
1x 10, 11, 12, 13, 14, 15, 17, 19 and 22mm deep sockets
1x 5, 5.5 and 6.5mm Slotted bits
1x No.1, 2, 3 and No.4 Crosspoint bits
1x 3, 4, 5, 6, 8 and 10mm Hex bits
1x ratchet handle, sliding T-handle, spinner handle, swivel handle, universal joint, 125 and 250mm extensions, 250mm wobble extensions, ¼" and ½" male adaptors, ¼" hex bit coupler

Type	Order Code KEN-595
	-5020K

KENNEDY QUALITY INDUSTRIAL TOOLING ¼" Socket Set - Metric 19 Pieces

1/3 Size

Inlay contains:
1x 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 and 14mm Ken-Grip® sockets
1x ratchet handle, sliding T-handle, spinner handle, universal joint and 100mm extension bars

KENGRIP

Type	Order Code KEN-595
	-0230K
	-0235K

KENNEDY QUALITY INDUSTRIAL TOOLING ½" Screwdriver Bit Set 20 Pieces

1/3 Size

Inlay contains:
3x No.2, No.3 and No.4 Crosspoint bits
1x 4, 5, 6, 7, 8, 10, 12, 14, 17 and 19mm metric Hex bits
1x 3/16", ¼", 5/16", ⅜", ½", 9/16" and ¾" inches Hex bits

Type	Order Code KEN-595
	-0210K
	-0215K

KENNEDY QUALITY INDUSTRIAL TOOLING Screwdriver Set 12 Pieces

2/3 Size

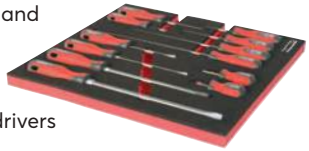
Inlay contains:
1x No.2xStubby, No.1x75, No.2x100 and No.3x150 Crosspoint Pro-Torq® screwdrivers
1x No.2x100 and No.3x150mm PZ Pro-Torq® screwdrivers
1x 6.3xStubby, 6.3x150 and 8.0x200mm Flared Pro-Torq® screwdrivers
1x 5.0x75, 5.0x150 and 5.0x250mm Parallel Pro-Torq® screwdrivers

Type	Order Code KEN-595
	-0150K
	-0155K

KENNEDY QUALITY INDUSTRIAL TOOLING Screwdriver Set 12 Pieces

2/3 Size

Inlay contains:
1x No.1x75mm, No.2xStubby and No.2x100mm Crosspoint Pro-Torq® screwdrivers
1x 6.3xStubby, 6.3x100, 6.3x150, 8.0x200 and 9.5x250mm Flared Pro-Torq® screwdrivers
1x 5.0x75, 5.0x100, 5.0x200 and 5.0x250mm Parallel Pro-Torq® screwdrivers

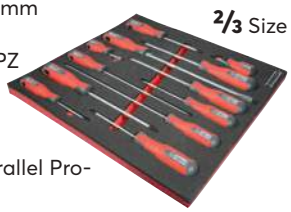


Type	Order Code KEN-595
	-0160K
	-0165K

KENNEDY QUALITY INDUSTRIAL TOOLING Screwdriver Set 12 Pieces

2/3 Size

Inlay contains:
1x No.2xStubby, No.2x100 and No.2x150mm Crosspoint Pro-Torq® screwdrivers
1x No.1x75, No.2x100 and No.3x150mm PZ Pro-Torq® screwdrivers
1x 6.3xStubby, 6.3x150 and 9.5x250mm Flared Pro-Torq® screwdrivers
1x 5.0x150, 5.0x200 and 5.0x250mm Parallel Pro-Torq® screwdrivers



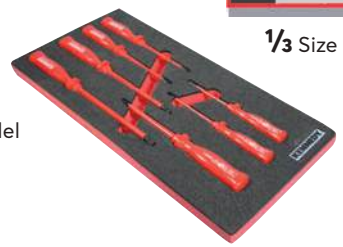
Type	Order Code KEN-595
	-0140K
	-0145K

TOOL CONTROL INLAY SETS

KENNEDY QUALITY INDUSTRIAL TOOLING VDE Screwdriver Set 7 Pieces

Inlay contains:
3x No.0x75mm, No.1x100mm and No.2x100mm Crosspoint screwdrivers
4x 2.5x85mm, 4.0x100mm, 5.5x125mm and 5.5x125mm Parallel screwdrivers

1/3 Size



Type	Order Code KEN-595
	-0180K
	-0185K

KENNEDY QUALITY INDUSTRIAL TOOLING VDE Dual Grip Screwdriver Set 7 Pieces

Inlay contains:
3x No.0x60mm, No.1x80mm and No.2x100mm Crosspoint screwdrivers
4x 2.5x75mm, 4.0x100mm, 5.5x125mm and 6.5x150mm Parallel screwdrivers

1/3 Size

Type	Order Code KEN-595
	-0170K
	-0175K

KENNEDY QUALITY INDUSTRIAL TOOLING VDE Insulated Plier Set 4 Pieces

Inlay contains:
1x 160mm Pro-Torq® diagonal cutting nippers
1x 160 Pro-Torq® combination pliers
1x 160mm Pro-Torq® long nose pliers
1x 205mm Pro-Torq® nose pliers

1/3 Size

Type	Order Code KEN-595
	-0280K
	-0285K

KENNEDY QUALITY INDUSTRIAL TOOLING Pliers Set 4 Pieces

Inlay contains:
1x 165mm diagonal nippers
1x 200mm combination pliers
1x 215mm long nose pliers
1x 265mm groove joint pliers

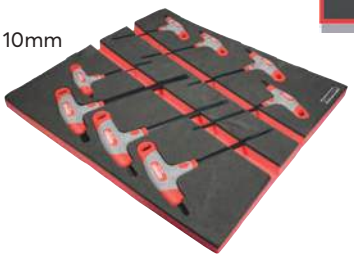
1/3 Size

Type	Order Code KEN-595
	-0250K
	-0255K

KENNEDY QUALITY INDUSTRIAL TOOLING T-Handled Hex Ball Drivers 8 Pieces

Inlay contains:
1x 2, 2.5, 3, 4, 5, 6, 8 and 10mm hex ball drivers

2/3 Size

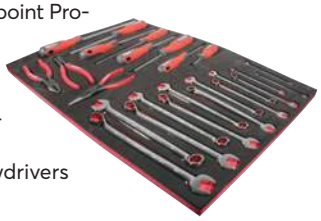


Type	Order Code KEN-595
	-0190K
	-0195K

KENNEDY QUALITY INDUSTRIAL TOOLING Tool Inlay Set 25 Pieces

Inlay contains:
1x 160mm snipe nose, diagonal cutter and combination pliers 1x 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19mm metric spanners
1x No.2xStubby and No.2x100mm Crosspoint Pro-Torq® screwdrivers
1x No.1x75, No.2x100 and No.3x150mm PZ Pro-Torq® screwdrivers
1x 6.3x150 and 8.0x200mm Flared Pro-Torq® screwdrivers
1x 5.0x150mm Parallel Pro-Torq® screwdrivers

Full Size



Type	Order Code KEN-595
	-5000K

KENNEDY QUALITY INDUSTRIAL TOOLING Reversible Circlip Plier Set 6 Pieces

Inlay contains:
1x 150mm 10-18mm capacity straight and 45° bent pliers
1x 150mm 12-25mm capacity straight and 45° bent pliers
1x 210mm 18-48mm capacity straight and 45° bent pliers

2/3 Size

Type	Order Code KEN-595
	-0260K
	-0265K

KENNEDY QUALITY INDUSTRIAL TOOLING Wrench & Plier Set 4 Pieces

Inlay contains:
1x 100mm adjustable wrench
1x 150mm long nose locking pliers
1x 180mm curved jaw grip wrench
1x 265mm Pro-Torq® groove joint pliers

1/3 Size

Type	Order Code KEN-595
	-0270K
	-0275K

TOOL CONTROL INLAY SETS

KENNEDY QUALITY INDUSTRIAL TOOLING Wiring Set 4 Pieces

1/3 Size

Inlay contains:
1x main tester - range AC 125/250V
1x "Super" wire stripper
1x No.13 round cable stripper
1x Pro-Torq® diagonal cutting nipper 1000V insulated

Type	Order Code KEN-595
	-0300K
	-0305K

KENNEDY QUALITY INDUSTRIAL TOOLING Punch & Hammer Set 12 Pieces

2/3 Size

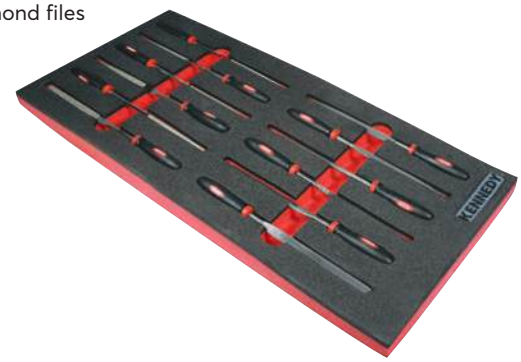
Inlay contains:
1x 2lb ball pein hammer
1x 3, 4, 5, 6 and 8mm extra length parallel punches
1x 2, 3, 4, 5, 6 and 8mm 150mm centre punches

Type	Order Code KEN-595
	-0290K
	-0295K

KENNEDY QUALITY INDUSTRIAL TOOLING File Set 12 Pieces

1/3 Size

Inlay contains:
1x 160mm flat, hand, half round, round, square and three square files
1x 160mm knife, hand, half round, round, square and three square diamond files



Type	Order Code KEN-595
	-0040K
	-0045K

KENNEDY QUALITY INDUSTRIAL TOOLING File Set 7 Pieces

2/3 Size

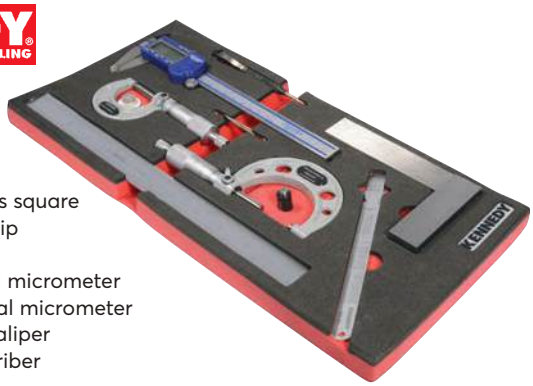
Inlay contains:
1x 4 row wire brush
1x 200mm triangular three-cut file
1x 250mm hand, flat, round and half round engineers files
1x 300mm file card

Type	Order Code KEN-595
	-0030K
	-0035K

KENNEDY QUALITY INDUSTRIAL TOOLING Measuring Set 7 Pieces

1/3 Size

Inlay contains:
1x 100mm engineers square
1x 150mm Rule & Clip
1x 300mm Rule
1x 0-25mm external micrometer
1x 25-50mm external micrometer
1x 130mm vernier caliper
1x 88mm pocket scriber



Type	Order Code KEN-595
	-0010K
	-0015K

TOOL CONTROL INLAY SETS

Classic Range Roller Cabinet & 50 Piece Tool Inlay Set

Heavy gauge steel with double wall construction side panels and welded joints for added rigidity.
- No of drawers: 7
- Fully lockable
- Heavy duty 125mm casters with brakes
- Supplied with top mat and drawer liners
- Cabinet dimensions (HxWxD): 890 x 690 x 460mm

Inlay contains:
1x 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 and 22mm ⅜" sockets
1x 10, 11, 12, 13, 14, 15, 17, 19 and 22mm deep sockets
1x 5, 5.5 and 6.5mm Slotted bits
1x No.1, 2, 3 and No.4 Crosspoint bits
1x 3, 4, 5, 6, 8 and 10mm Hex bits
1x ratchet handle, sliding T-handle, spinner handle, swivel handle, universal joint, 125 and 250mm extensions, 250mm wobble extensions, ¼" and ½" male adaptors, ¼" hex bit coupler

Takes additional ⅓, ⅔, and full size tool inlays indicated by;

Type	Order Code KEN-595
	-5520K

Classic Range Roller Cabinet & 75 Piece Tool Inlay Set

Heavy gauge steel with double wall construction side panels and welded joints for added rigidity.
- No of drawers: 7
- Fully lockable
- Heavy duty 125mm casters with brakes
- Supplied with top mat and drawer liners
- Cabinet dimensions (HxWxD): 890 x 690 x 460mm

Inlay contains:
1x 160mm snipe nose, diagonal cutters and combination pliers
1x 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19mm metric combination wrenches
1x 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 and 22mm ⅜" sockets
1x 10, 11, 12, 13, 14, 15, 17, 19 and 22mm deep sockets
1x No.2xStubby and No.2x100mm Crosspoint Pro-Torq® screwdrivers
1x No.1x75, No.2x100 and No.3x150mm PZ Pro-Torq® screwdrivers
1x 6.3x150 and 8.0x200mm Flared Pro-Torq® screwdrivers
1x 5.0x150 Parallel Pro-Torq® screwdrivers
1x 5, 5.5 and 6.5mm Slotted bits

Takes additional ⅓, ⅔, and full size tool inlays indicated by;

Type	Order Code KEN-595
	-5500K

Classic Range Roller Cabinet & 25 Piece Tool Inlay Set

Heavy gauge steel with double wall construction side panels and welded joints for added rigidity.
- No of drawers: 7
- Fully lockable
- Heavy duty 125mm casters with brakes
- Supplied with top mat and drawer liners
- Cabinet dimensions (HxWxD): 890 x 690 x 460mm

Inlay contains:
1x 160mm snipe nose, diagonal cutters and combination pliers
1x 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19mm metric combination wrenches
1x No.2xStubby No.2x100mm Crosspoint Pro-Torq® screwdrivers
1x No.1x75, No.2x100 and No.3x150mm PZ Pro-Torq® screwdrivers
1x 6.3x150 and 8.0x200mm Flared Pro-Torq® screwdrivers
1x 5.0x150 Parallel Pro-Torq® screwdrivers

Takes additional ⅓, ⅔, and full size tool inlays indicated by;

Type	Order Code KEN-595
	-5540K

KENNEDY PROFESSIONAL 208 Piece Apprentice Engineer's Tool Kit

Supplied in a three drawer professional roller cabinet and a three drawer top chest. Manufactured from heavy gauge steel with double wall construction side panels and welded joints for added rigidity. Coated in a hard wearing epoxy powder. Fully opening drawers for extra accessibility. Quick release smooth running ball bearing drawer slides with double sliders on base drawer. Supplied with top mat and drawer liners. Fully locking. 125 x 50mm heavy duty extra strong castors, fitted with two brakes. Overall dimensions: 890 x 690 x 460mm. Castors are rated to 100kg capacity standing load per castor. Drawer loads should be evenly distributed.

208 PIECES

3 Drawer Top Chest
Top compartment size: 89 x 661 x 150mm.
Drawer sizes: 1@ 51 x 591 x 282.5mm.
2@ 102 x 591 x 282.5mm.

3 Drawer Roller Cabinet
Internal drawer dimensions
Bottom compartment size: 610 x 432 x 356mm.
Drawer sizes: 3@ 591 x 410 x 102mm.

Contents:
- 25 piece HSS drill set 1 - 13.00mm x 0.5mm.
- Six piece 200mm double cut engineer's file set.
- Six piece 16cm cut 2 assorted needle file set.
- 25 x 230 x 280mm assorted abrasive sheet.
- 200mm chrome vanadium steel adjustable spanner.
- 6 x 150mm flat cold chisel.
- 19mm x 33m black pvc insulation tape.
- 76mm, 18 blade combination feeler gauge set.
- 4.8mm square head centre punch.
- 150mm/6" stainless steel rule c/w pocket clip.
- 178mm double ended Engineers' scriber.
- Eye loupe.
- Adjustable telescopic 30mm dia. inspection mirror (expands to 180mm).
- Six piece parallel pin punch set: 2.4, 3.2, 4.0, 4.8, 5.5 and 6.4mm.
- 150mm/6" engineer's square - **BS 939 grade B**.
- Tap wrenches 1.5 - 6.4mm and 6.4 - 19mm.
- Magnetic telescopic pick-up tool extends to 550mm.
- 29 piece engineer's bit set. All 6mm hex x 25mm overall length, complete with magnetic spinner handle, 6mm hexagon bit adaptor and 6mm square socket adaptor. Hexagon: 2, 3, 4, 5, 6, 7 and 8mm; flat 3, 4, 5, 5.5, 6.5 and 8mm; 3/32", 1/8", 5/32", 3/16", 1/4", 7/32" and 5/16"; crosspoint No.1, 2 and 3; Pozidriv® No.1, 2 and 3.
- 450g (1lb) ball pein hammer wood shaft.
- 7.5m/25ft steel tape.
- Snap-off eight segment blade economy knife.
- Retractable trimming knife with five blades.
- Junior hacksaw frame.
- 300mm lightweight professional hacksaw frame.
- Six off 12" x 1/2" x 18tpi HSS hacksaw blades.
- 20 junior hacksaw blades.
- Two plastic handle household scissors.
- 150mm snipe nose plier with side cutter.
- 150mm diagonal cutting nipper.
- 150mm Engineers' combination pliers with side cutter.
- 250mm curved jaw high strength grip wrench.
- Eight piece Pro-Torq screwdriver set: crosspoint No.1 x 75, No.2 x 100; pozidriv® No.2 x 100; flared 6.3 stubby, 6.3 x 100, 8.0 x 200; parallel 5.0 x 75, 5.0 x 150.
- 14 piece combination spanner set: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19mm.
- 25 piece metric socket set 1/2" square drive sockets: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24, 27, 30 and 32mm. Spark plug sockets: M10 and M14. Accessories: quick release ratchet handle, sliding T-handle, universal joint, 75, 125 and 250mm extension bars.
- Nine piece metric hex key set 1.5 - 10mm.

Set contents may vary slightly according to product development and availability.

Order Code KEN-595
-0550K

KENNEDY PROFESSIONAL 300 Piece Engineer's Professional Tool Kit

Supplied in a five drawer professional roller cabinet and a three drawer top chest. Manufactured from heavy gauge steel with double wall construction side panels and welded joints for added rigidity. Coated in a hard wearing epoxy powder. Fully opening drawers for extra accessibility. Quick release smooth running ball bearing drawer slides with double sliders on base drawer. Supplied with top mat and drawer liners. Fully locking. 125 x 50mm heavy duty extra strong castors, fitted with two brakes.

Overall dimensions: 890 x 690 x 460mm. Castors are rated to 100kg capacity standing load per castor. Drawer loads should be evenly distributed.

3 Drawer Top Chest
Top compartment size: 89 x 661 x 150mm.
Drawer sizes: 1@ 51 x 591 x 282.5mm, 2@ 102 x 591 x 282.5mm.

300 PIECES

5 Drawer Roller Cabinet
Internal drawer dimensions:
4@ 591 x 460 x 102mm.
1@ 591 x 410 x 204mm.

Contents:
- Set of 25 HSS drills 1 - 13.00mm x 0.5mm.
- Eight piece 200mm (8") double cut Engineers' file set.
- Six piece 16cm cut 2 assorted needle file set
- 20x 150mm (6") junior hacksaw blades.
- 10x 12" x ½" x 18TPI HSS all hard hacksaw blade.
- 25x 230mm x 280mm assorted abrasive sheets.
- 200mm (8") soft grip phosphate adjustable wrench.
- 6mm 150mm flat cold chisel.
- 3" 18-bade metric/inch comb feeler gauge set.
- 4" x 3/16" (4.8mm) square head centre punch.
- Set of 6 parallel pin punches.
- 150mm/6" inch/metric rigid rustless rule.
- 300mm/12" rigid rustless rule - round end.
- 150mm (6") Engineer's square.
- 300mm (12") Engineer's square.
- 7" double ended engineers scriber.
- 1¼" focal length eye loupe.
- Adjustable telescopic 1¼" mirror.
- Set of two: 1/16" - ¼" and ¼" - ¾" tap wrenches.
- 1lb ball pein hammer - wood shaft.
- 16oz black rubber mallet - wood shaft.
- 5½" plastic handle household scissors.
- 8½" plastic handle household scissors.
- 5m/16" professional ABS steel tape.
- Snap-off 8 seg-blade heavy duty knife.
- Snap-off 13 seg-blade mini knife.
- Retractable trimming knife c/w five blades.
- Beaver style junior hacksaw.
- Professional 'plus' cushion grip hacksaw.
- Magnetic pick-up tool.
- Set of four Pro-Torq pliers.
- 10" curved jaw grip wrench
- 12 piece Pro-Torq screwdriver set.
- 64 piece ¼" hexagon bit set.
- ¼" hex bit driver.
- Seven piece box spanner set 6 - 19mm c/w tommy bars.
- Combination wrenches: 10 - 19mm.
- 50 piece metric 3/8" square drive socket set.
- 8" straight blade tinsnip.
- Three drawer professional tool chest.
- Metal tote tray
- Five drawer professional roller cabinet.
- Eight piece metric Pro-Torq hex wrench set on clip.
- Nine piece inch Pro-Torq hex wrench set on clip.
- 19mm x 33m black PVC insulation tape.

Order Code
KEN-595
-3080K

Set contents may vary slightly according to product development and availability.

YAMOTO Mechanic's Tool Kit

52 Piece Mobile Mechanic's Tool Kit
Specifically designed for mechanics on the move.

Contents include: 582 x 298 x 255mm metal toolbox with tote tray, adjustable wrenches, pocket knife, pliers, screwdrivers, spanners and sockets.

52 PIECES

Order Code YMT-595
-2600K

YAMOTO 100 Piece Mechanic's Starter Tool Kit

Contents:
- 8" and 12" satin chrome adjustable wrench set.
- 5m/16ft locking tape rule.
- Lightweight hacksaw frame.
- 400cc lever type steel grease gun.
- 150mm long nose pliers.
- 200mm long nose pliers.
- 150mm diagonal nippers.
- 150mm linesman's combination pliers.
- 200mm linesman's combination pliers.
- 250mm waterproof pliers.
- 12 piece mechanic's pattern screwdriver set.
- Seven piece 6 - 19mm chrome vanadium open ended spanner set.
- 14 piece 6 - 19mm chrome vanadium combination spanner set.
- 55 piece 3/8" drive socket and bit set.
- Six drawer chest.

100 PIECES

Weight each	Order Code YMT-595
34.0kg	-3500K

SENATOR QUALITY TOOLING 47 Piece Engineer's Workshop Tool Kit

- Six piece 16cm cut 2 assorted needle file set.
- 10 x 12 x 1/2" x 18T all hard hacksaw blades.
- 8" (200mm) C/V adjustable spanner.
- 6" (150mm) stainless steel rule with pocket clip.
- Metric and inch feeler gauge, blade length: 60mm.
- 1lb ball pein hammer with hickory shaft.
- 16oz black rubber mallet with wooden shaft.
- 5m/16ft locking tape rule with chrome casing.
- 8 segment 18mm heavy duty snap-off blade knife.
- Retractable trimming knife.
- 12" DIY hacksaw.
- 6" heavy duty snipe nose pliers with side cutter.
- 6" diagonal cutting nippers.
- 7" linesman's pliers.
- 10" multiple slip joint pliers.
- 10" straight blade tinsnips.
- 10" straight jaw high strength grip wrench.
- 8 piece fluted handle screwdriver set.
- 7 piece 6 - 19mm drop forged open-ended spanner set.
- 21" five tray cantilever toolbox.

47 PIECES

Weight each	Order Code SEN-595
6.4kg	-0700K

Set contents may vary slightly according to product development and availability.

SENATOR QUALITY TOOLING 90 Piece Engineer's Workshop Tool Kit

Contents:
- Top chest.
- 24 piece 1/2" drive metric socket set.
- Six piece 16cm cut 2 assorted needle file set.
- 10x 12" x 1/2"x 18tpi all hard hacksaw blades.
- 8"/200mm chrome vanadium adjustable spanner.
- 12" rule - walleted.
- Metric/inch feeler gauge 60mm blade length.
- 1 1/2lb ball pein hammer- hickory shaft.
- 16oz black rubber mallet - wood shaft.
- 5m/16ft locking tape rule - chromed case.
- Eight segment 18mm heavy duty snap-off blade knife.
- Retractable trimming knife.
- DIY hacksaw.
- 2x 50mm G-clamps.
- 2x 100mm G-clamps.
- 6" snipe nose plier/side cutter.
- 8" straight blade tinsnip.
- 6" diagonal cutting nipper.
- 7" linesman's pliers.
- 10" multiple slip joint pliers.
- 10" straight jaw high strength grip wrench.
- 16 function 10-blade tool.
- 15 piece duel grip screwdriver set.
- 14 piece 6 - 19mm drop forged. combination spanner set.

90 PIECES

Order Code SEN-595
-1000K

KENNEDY PROFESSIONAL 51 Piece Home Handyman Tool Kit

HHK51

Supplied in a robust Tuff-E double latched toolbox.

Contents:

- 8 piece fluted handle screwdriver set: flared 6mm stubby, 3 x 100mm and 8 x 200mm; parallel 3.2 x 75mm and 4 x 150mm; pozidriv No.2 stubby, No.1 x 75mm and No.2 x 100mm.
- 10 piece screwdriver bit set: 6mm quick release hex bit adaptor; flat 3, 4, 5, 6 and 8mm; crosspoint No.0, 1, 2 and 3mm.
- 200mm (8") chrome vanadium adjustable spanner.
- 225mm (9") hi-vis magnetic boat level.
- 600mm (24") hi-vis girder section level.
- 150mm mains tester, range 125/250V.
- 19mm x 33m black PVC insulation tape.
- Adjustable telescopic 300mm dia inspection mirror.
- 450g (16oz) claw hammer wood shaft.
- 3m/10ft hi-vis locking tape.

Set contents may vary slightly according to product development and availability.

- 13 seg 9mm standard snap-off blade knife.
- Retractable trimming knife c/w 5 blades.
- 150mm (6") junior hacksaw frame c/w hardened blade.
- 150mm (6") junior hacksaw blade for metal (10).
- 300mm (12") DIY hacksaw frame.
- 177mm (7") plastic handle household scissors.
- 63mm (2½") half tang filling knife.
- 76mm (3") half tang scraper.
- Magnetic pick-up tool extends to 650mm.
- 150mm (6") linesman's pliers.
- 125mm (5") snipe nose pliers.
- 125mm (5") diagonal cutting nippers.
- 255mm (10") straight jaw grip wrench.
- Bradawl.
- 600 piece wall plug set.

51 PIECES

Weight each	Order Code SEN-595
7.0kg	-0520K

KENNEDY PROFESSIONAL 62 Piece Workshop Tool Kit

Five compartment cantilever tool box with specially moulded trays to facilitate enhanced Tool Control and padlock hole for additional security.
Toolbox dimensions: 450 x 260 x 200mm

Contents:

- **Sockets:** 8 - 32mm, M10 and M14 spark plug
- 250mm sliding 'T'-handle.
- 125mm and 250mm extensions, 75mm wobble extension.
- Quick release 72T rubber hatchet handle.
- 375mm/15" jointed knurl gripped swivel handle.
- Universal joint.
- **Combination spanners:** 6 -22mm.
- **Pro-Torq screwdrivers:** 5.5 x 100mm, 6.5 x 150mm and 8 x 200mm point.
- **Pro-Torq pliers:** 180mm/7" combination, 150mm/6" snipe nose and
- Metric L-wrench ball driver set - 1.5 - 10mm.

Order Code KEN-595
-0055K

KENNEDY QUALITY INDUSTRIAL TOOLING 107 Piece Apprentice Engineer's Tool Kit

Contents:

- Toolbox
- 6 piece Pro-Torq screwdriver set: crosspoint No.1 x 75 and No.2 x 100mm; flared 6.3 x 100 and 8.0 x 250mm; parallel 5 x 100 and 5 x 200mm
- 6 piece screwdriver set: crosspoint PH0 and PH1; parallel 1.4, 2.0, 2.4, and 3.0mm
- 6 - 19mm 14 piece metric combination spanner set.
- 9 piece metric hex key set: 1.5 - 10mm
- 8 piece 2nd cut file set: one each flat, hand, round, half round, 3 square and square
- 12 piece 2nd cut needle file set: 1 each hand, flat, knife, round, half round, square, 3 square, crossing, round edge joint, slitting, warding and barrette
- 2 of each grade 0, 1 and 2 emery sheets
- 200mm/8" adjustable wrench
- 18 blade metric/inch feeler gauge
- Magnetic pick-up tool extends to 650mm
- 7.5m/25ft locking tape rule
- Snap-off blade knife
- Junior hacksaw
- 20 junior hacksaw blades
- 300mm (12") hacksaw frame
- 6 hacksaw blades
- Shears
- 3 piece professional plier set
- 255mm straight jaw grip wrench
- 6 x 150mm flat cold chisel
- 1lb ball pein hammer
- 175mm engineer's scriber
- 30mm diameter inspection mirror (extends to 650mm)
- Centre punch
- 150mm (6") engineer's square
- 150mm (6") pocket rule
- 100cc grease gun
- Eye loupe

Set contents may vary slightly according to product development and availability.

Weight each	Order Code KEN-595
4.2kg	-0500K

Engineer's Toolkit 1

Contents:
- Kennedy® Cushioned Grip 10" Adjustable Wrench
- Kennedy® Pro-Torq Waterpump Pliers 265mm
- Kennedy® Curved Jaw Grip Wrench 180mm
- Kennedy® Pro-Torq Combination Pliers 200mm
- Bi-Hex Sockets 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 26, 27, 29, 30, 32mm, 5/16", 3/8", 1/2", 9/16", 5/8", 11/16", 3/4", 3/16", 7/8"
- Combination Spanners 6-24mm
- Kennedy® 1/2" Reversible Ratchet
- 250mm Sliding T-Bar
- Extension Bars: 75, 125mm
- 1/2" Universal Joint

54 PIECES

No. Pieces	Order Code KEN-595
54	-8501K

Engineer's Toolkit 2

Contents:
- Combination Spanners 6-24mm
- Bi-Hex Sockets: 8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 26, 27, 29, 30, 32mm
- Pro-Torq Screwdriver 150x6.5mm, 100x4.0mm, 75x2.5mm, No.1x80mm, No.2x100mm
- Pro-Torq Combination Pliers 180mm
- Pro-Torq Long Nose Pliers 160mm
- Pro-Torq Diagonal Pliers 160mm
- Ball Hex Wrench Metric Set 1.5 -10mm
- 1/2" Reversible Ratchet
- Extension Bars: 75, 125, 250mm
- 250mm Sliding T-Bar

48 PIECES

No. Pieces	Order Code KEN-595
48	-8502K

Engineer's Toolkit 3

Contents:
- Combination Spanners 6-24mm
- Bi-Hex Sockets 1/4" - 4, 5, 6, 7, 8, 9, 10, 11, 12, 13mm 3/8" - 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm
- Pro-Torq Screwdrivers: Flared Blade 200x8.0mm, Parralel Tip 150x5.5mm, Stubby 6.5mm, Parralel Tip 150x3.2mm
- Pro-Torq Combination Pliers 165mm
- Ball Hex Wrench Metric Set 1.5-10mm
- Kennedy® 1/4" Ratchet, Kennedy® 1/4"x3/8" Adaptor
- Kennedy® 3/8"x1/4" Adaptor
- Extensions: 1/4 50mm, 1/4" 100mm, 3/8" 75mm, 3/8" 125mm
- 1/4" Universal Joint, 1/4" 105mm T-Handle
- 3/8" Ratchet, 3/8" 165mm T-Handle
- 3/8" Universal Joint
- Crosspoint Screwdrivers: No.1 x 75mm, No.2 x 100mm, No.2 x Stubby

64 PIECES

No. Pieces	Order Code KEN-595
64	-8503K

Mechanic's Toolkit 1

Contents:
- Combination Spanners Offset 15 DEG 6-24mm
- Bi-Hex Sockets 1/2" - 8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 26, 27, 29, 30, 32mm
- 1/2" Hex Socket Driver 5, 6, 8, 10, 12, 14mm
- Pro Torq Screwdriver Square Blade 150x6.5mm
- Pro Torq Screwdriver Flared Blade 200x8.0mm
- Pro Torq Screwdriver Parralel Tip 150x5.5mm
- Pro Torq Screwdriver Parralel Tip 150x3.2mm
- Cantilever Tool Box 560mm
- Ball Hex Wrench Metric Set 1.5-10mm
- 1/2" Reversible Ratchet
- 250mm Sliding T-Bar
- 75mm Extension Bar
- 125mm Extension Bar
- 250mm Extension Bar
- 1/2" Universal Joint
- Crosspoint Screwdriver No.2 x Stubby
- Cushioned Grip 10"/250mm Adj Wrench

53 PIECES

No. Pieces	Order Code KEN-595
53	-8511K

Mechanic's Toolkit 2

- Carefully curated toolkit
- Durable cantilever box
- Wide variety of tools for an array of uses
- Efficient, accessible layout

Contents:
- Combination Spanners Offset 15 DEG 6-24mm
- Bi-Hex Sockets 1/2" - 8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 26, 27, 29, 30, 32mm
- Pro Torq Combination Pliers 180mm
- Pro Torq Long Nose Pliers 165mm
- Pro Torq Diagonal Cutters 165mm
- Kennedy® 1/2" Reversible Ratchet
- 250mm Sliding T-Bar
- 75mm Extension Bar
- 125mm Extension Bar
- 250mm Extension Bar
- Cushioned Grip 6" Adjustable Wrench
- Cushioned Grip 10" Adjustable Wrench

45 PIECES

No. Pieces	Order Code KEN-595
45	-8512K

KENNEDY PROFESSIONAL 102 Piece Service Engineer's Tool Kit

Contents
- Hi-impact mobile tool case.
- Six piece 16cm cut 2 needle file set.
- 150mm chrome finish adjustable wrench.
- 150mm mains tester range 125/250V.
- 19mm x 33m insulation tape: black, red and green/yellow pvc.
- Soldering iron 25W 240V.
- Desoldering gun.
- Cable stripping knife.
- 17g 1.0mm diameter 60/40 cored solder.
- Square head centre punch 3.2 x 100mm.
- 150mm/6" flexible rustless rule.
- Precision tweezers: 115mm sharp nose, 120mm flat blade. • Eye loupe.
- 30mm dia. telescopic inspection mirror (handle expands to 480mm).
- 225g (½lb) ball pein hammer.
- 7.5m/25' steel tape.
- 13 segment blade mini autolock retractable knife.
- Junior hacksaw frame c/w hardened blade.
- 10 junior hacksaw blades for metal.
- 215mm plastic handle scissors.
- Magnetic pick up tool.
- 160mm snipe nose pliers.
- 160mm diagonal cutting nippers.
- 160mm combination pliers with side cutter.
- 150mm insulation and wire stripping pliers.
- 115mm precision flat nose pliers.
- 115mm precision long nose pliers.
- 115mm precision nippers.
- 115mm precision end cutting nippers.
- Pro-Torq grip screwdrivers with chrome vanadium blade: slotted 100 x 6mm; crosspoint 76mm x No.0 and No.1, 6mm x No.2; supadriv 76mm x No.0 and No.1, 100mm x No.2; electricians': parallel 150 and 200 x 5mm.
- Offset screwdrivers: 5mm x No.1 and 6mm x No. 2.
- 1000V VDU insulated screwdrivers: parallel 4 x 100mm; slotted 5.5 x 125mm.
- Torx screwdrivers: T6, T8 and T10.
- 11 piece screwdriver and tool set: parallel 1, 1.2, 1.4, 1.8, 2.4 and 3mm; crosspoint PHO-2, PHO and PH1, fine point awl and tweezers.
- Seven piece electronic screwdriver set: parallel 1.4, 2, 2.4 and 3mm; crosspoint PHO-3, PHO-2 and PH0.
- Six piece chrome vanadium steel 0 - 11 BA open ended spanner set.
- 20mm diameter sash tool.
- Nine piece hex key set 1.5 - 10mm.
- Chrome vanadium combination spanners: 5.5, 6, 7, 8, 9 and 10mm.

102 PIECES

Set contents may vary slightly according to product development and availability.

Weight each	Order Code KEN-595
13.0kg	-3020K

KENNEDY PROFESSIONAL 56 Piece Standard Service Tool Kit

Suitable for use by service engineers, electricians and tradesmen.
All Kennedy® industrial quality tools carry a quality guarantee.

Contents:
- 430 x 340 x 160mm ABS plastic, aluminium reinforced, tool case.
- 150mm chrome adjustable wrench.
- 19mm x 33m black PVC insulation tape.
- 150mm mains tester range 125/250V.
- Soldering iron 25W/240V.
- Desoldering gun.
- 17g 1.0mm diameter 60/40 cored solder.
- 115mm sharp nose precision tweezers.
- 30mm diameter inspection mirror (handle extends up to 480mm).
- 7.5m/25ft steel tape.
- 13 segment-blade mini autolock retract knife.
- Junior hacksaw frame and blade.
- Magnetic pick up tool (extends to 550mm).
- 160mm snipe nose pliers.
- 160mm diagonal cutting nippers.
- 160mm engineer's combination pliers with side cutter.
- 150mm insulation and wire stripping pliers.
- 115mm precision nippers.
- 115mm precision end cutting nippers.
- Chrome vanadium blade screwdrivers: crosspoint No.0, 1 and 2pt; slotted 6mm; supadriv No.0, 1 and 2pt.
- Offset screwdrivers: 5mm slot x No.1pt, 6mm slot x No.2pt.
- Insulated screwdrivers: parallel 4 x 100mm 1000V VDU, slotted 2.5 x 85mm.
- 20mm sash tool.
- 11 piece screwdriver and tool set: parallel 1, 1.2, 1.4, 1.8, 2.4 and 3mm; crosspoint PHO-2, PHO and PH1; fine point awl and tweezers.
- 9 piece hex key set 1.5 - 10mm.
- Chrome vanadium combination spanners: 5.5, 6, 7, 8, 9 and 10mm.

56 PIECES

Set contents may vary slightly according to product development and availability.

Weight each	Order Code KEN-595
6.8kg	-3000K

KENNEDY PROFESSIONAL 16 Piece Electrician's VDE Tool Bag & Kit

Heavy duty tear-resistant tool bag with Hook-n-Loop fastening flap. Double webbed shoulder strap fixed with metal release clasps. Two removable tool boards inside which have a unique tool storage securing system built in. All tools are VDE approved.

Contents:
- Electrician's tool bag (320 x 340 x 125mm).
- 150mm euro tester will detect 'live' electricity supply. Suitable for AC to 125 - 250V, 3mm wide tip. Conform to **VDE 0630 Part 4**.
- 145mm (5¾") Pro-Torq grip diagonal nippers, 1000V insulated.
- 160mm (6⅜") Pro-Torq snipe nose pliers, 1000V insulated.
- 165mm (6½") Pro-Torq engineer's combination pliers, 1000V insulated.
- 170mm (6¾") Pro-Torq wire strippers, 1000V insulated.
- 7 piece VDE dual grip screwdriver set: No.0 x 60, No.1 x 80 and No.2 x 100mm, 2.5 x 75, 4.0 x 100, 5.5 x 125 and 6.5 x 150mm.
- 180mm (7") insulated cable knife, curved blade.
- 2x small parts storage boxes.

16 PIECES

Width (mm)	Depth (mm)	Height (mm)	Order Code KEN-595
320	125	340	-3400K

KENNEDY PROFESSIONAL 1000V Dual Grip Screwdriver & Plier Set

10 Piece Set

Fully insulated professional high grip dual material handles that are VDE tested up to 1000V. Screwdrivers have magnetic tips, chrome vanadium steel blades and a hanging hole. Pliers have chrome vanadium steel double polished head and joint heads.

Contents:
Screwdrivers:
Crosspoint:
CROSS POINT No.0 x 60mm, No.1 x 80mm, No.2 x 100mm.

Parallel:
PARALLEL 2.5 x 75mm, 4.0 x 100mm, 5.5 x 125mm, 6.5 x 150mm.

Pliers:
- 6⅜" Pro-Torq snipe nose pliers,
- 6¼" Pro-Torq grip nipper pliers,
- 6½" Pro-Torq engineering combination pliers.

10 PIECES

Weight each	Order Code KEN-595
1.4kg	-1600K

KENNEDY QUALITY INDUSTRIAL TOOLING 7 Piece Maintenance Tool Kit

MTK7

Contents:
- Chrome adjustable wrench.
- Slotted electrician's VDE screwdriver.
- Slip joint pliers.
- High tensile diagonal cutting nippers.
- Universal combination pliers.
- No.2 crosspoint engineer's screwdriver.
- Flared slotted engineer's screwdriver.
- PVC tool roll.

7 PIECES

Weight each	Order Code KEN-595
1.3kg	-0070K

KENNEDY PROFESSIONAL Pro-Torq Maintenance Tool Kit & Bag - 29 Pieces

- Includes electrician's tool bag, 2x small bits organiser cases and 1 tool board to secure tools in transit
- Bag size: (32 x 34 x 12.5cm)

- Kit contains:
140mm (51/2") autoload and lock knife - 13 segment snap-off blade
- 165mm (61/2") Pro-Torq diagonal nippers
- 150mm (6") Pro-Torq snipe nose pliers with side cutter
- 150mm (6") Pro-Torq combination pliers
- 6-pieces Pro-Torq screwdriver set (Crosspoint No.1 x 75, No.2 x 100; Flared 6.3 x 100, 8.0 x 200; Parallel 5.0 x 75, 5.0 x 150mm)
- 7-pieces Pro-Torq precision screwdriver set (Parallel tips 1.4, 2.0, 2.4 and 3.0mm; Crosspoint tips PH0-3, PH0-2 and PH-0)
- 8-pieces Pro-Torq hex wrench set
plus 200mm (8") soft grip phosphate adjustable wrench

29 PIECES

No. Pieces	Insulated	Order Code KEN-595
29	No	-3440K

KENNEDY QUALITY INDUSTRIAL TOOLING 18 Piece Decorator's Painting Kit

Contents:
- 2x 25mm industrial paint brush
- 13, 50, 75 and 100mm industrial paint brushes
- 240mm economy paint tray - plastic
- 230mm wide birdcage (jumbo) paint roller
- 230mm long pile polyester roller refill
- 230mm medium pile polyester roller refill
- 230mm wide foam paint roller refill
- Long pile radiator roller complete
- Long pile radiator roller refill
- Metal telescopic handle
- General purpose masking tape 19mm x 50m and 50mm x 50m
- 460mm canvas tool bag
- Dust sheet

Order Code KEN-595
-4140K

KENNEDY QUALITY INDUSTRIAL TOOLING 22 Piece Plumber's Kit

Supplied in a robust toolbox c/w double latch.

Contents:
- Tool box. • 255mm (10") stillson wrench.
- 3 - 22mm capacity tubing cutter.
- 3 - 41mm tube deburrer.
- 9.5 - 32mm basin wrench.
- 300mm girder section spirit level.
- Telescopic inspection mirror.
- Junior hacksaw frame c/w hardened blade.
- Pad saw.
- 255mm groove slip joint waterpump plier.
- 6 piece flat wood bit set 9.5 - 25mm.
- 12mm x 12m PTFE thread sealing tape to **BS6920**.
- 100g fluxite paste.
- Powerflow lead free solder 3.25mm 250g.
- 3 row plastic handle wire scratch brush.
- 450g grade 2 wire wool.
- Blow lamp and 2175 gas cartridge.

Order Code KEN-595
-4010K

KENNEDY PROFESSIONAL 122 Piece 'Deluxe' Service Engineer's Tool Kit

This superb kit contains all the necessary tools for the service engineer in a sturdy aluminium case partitioned to keep tools organised and readily accessible.

Contents:
- Aluminium tool case.
- Six piece 16cm needle file set.
- 150mm adjustable wrench.
- Digital multimeter.
- 125/250V mains tester.
- 19mm x 33m insulation tape: black, red and green/yellow PVC.
- 25W soldering iron.
- Cable stripping knife.
- Desoldering gun.
- 60/40 cored solder.
- Butane soldering torch.
- Centre punch 2.4 x 3.2mm.
- 2x parallel pin punches.
- 150mm/6" flexible rustless rule.
- Machinists scriber.
- Sharp nose tweezers.
- Flat blade tweezers.
- Eye loupe.
- Telescopic inspection mirror.
- Magnetic pick up tool (extends to 550mm).
- 225g (½lb) ball pein hammer.
- 3½ oz cross pein hammer.
- 7.5m/25ft steel tape.
- Aluminium pocket torch.
- Retractable knife.
- Auto return utility knife.
- Junior hacksaw and blade.
- 10 junior hacksaw blades.
- 150mm flat nose plier.
- 150mm insulation and wire stripping plier.
- 150mm wire crimper/stripper.
- 160mm snipe nose plier.
- 160mm diagonal cutting nipper.
- 160mm combination plier.
- 4 piece circlip plier set.
- 177mm locking pliers.
- 115mm precision flat nose pliers.
- 115mm precision long nose pliers.
- 115mm precision nippers.
- 115mm precision end cutting pliers.
- 165mm soft touch pliers.
- Pro-Torq grip screwdrivers with chrome vanadium blade: slotted 100 x 6mm; crosspoint 76mm x No.0 and No.1, 6mm x No.2; supadriv 76mm x No.0 and 1, 4" x No.2; electrician's parallel 150 and 200 x 5mm.
- Offset screwdrivers: 5mm x No.1, 6mm x No.2.
- Insulated screwdrivers: parallel 4 x 100mm, 1000V VDU, slotted 5.5 x 125mm.
- Torx screwdrivers: T6, T8 and T10.
- 11 piece screwdriver and tool set.
- Nine piece 5.5 - 13mm combination spanner set.
- Seven piece electronic screwdriver set.
- Six piece 0 - 11 BA open ended spanner set.
- Multi-purpose snips.
- Seven piece metric hexagon key set.
- Multi-purpose oil.
- 20mm sash tool.
- 100 cable ties.
- Scissors.

Set contents may vary slightly according to product development and availability.

Weight each	Order Code KEN-595
14.0kg	-3040K

KENNEDY QUALITY INDUSTRIAL TOOLING Brass Back Dovetail Saw

Alloy steel blade, tensioned with hardened and ground teeth. Heavy rigid brass back and polished rosewood handle. Securely fastened with two brass screws.
20TPI.

Blade Length	Weight Per 10	Order Code KEN-597
200mm (8")	500g	-5420K

KENNEDY QUALITY INDUSTRIAL TOOLING Steel Back Gent's Saws

Suitable for precise flush cutting. Sprung alloy steel blade with rigid steel back, polished wooden handle and brass ferrule.

Blade width: 60mm (2¼").

Blade Length	Weight each	Order Code KEN-597
200mm (8")	200g	-5480K

KENNEDY QUALITY INDUSTRIAL TOOLING Hardpoint Tenon Saw

Has file sharpened teeth with plain hardened cutting edges. Impact resistant handle. High quality.

13 points per inch.

Blade Length	Weight Per 10	Order Code KEN-597
250mm (10")	3.8kg	-4620K

KENNEDY PROFESSIONAL Professional Tenon Saw

Manufactured from hardened and ground steel with glazed and polished blade, tensioned and fully sprung.
Highly polished brass back and handle.
Supplied in wallet with tooth guard.

15 points per inch.

Blade Length	Weight Per 10	Order Code KEN-597
250mm (10")	6.0kg	-4600K

KENNEDY QUALITY INDUSTRIAL TOOLING Flexi Flush Cutting Saw

Suitable for precise cutting in confined areas or around obstructions. Flexible alloy steel blade, which cuts on the pull stroke.
Polished wooden handle with brass ferrule.
20TPI.

Blade Length	Weight each	Order Code KEN-597
155mm (6")	120g	-5520K

KENNEDY QUALITY INDUSTRIAL TOOLING Pad Saw

For use in confined spaces.

Blade Length	Weight each	Order Code KEN-597
230mm (9")	140g	-5270K
Spare Blade		-5280K

KENNEDY QUALITY INDUSTRIAL TOOLING Mini Gents Saws

Suitable for light duty precise cutting. Narrow blade width allows use in confined areas.
Polished wooden handle with brass ferrule.
Blade width: 40mm (1 1/2").

Blade length mm	Order Code KEN-597
150	-5560K

KENNEDY PROFESSIONAL Meteor Hand Saw

High quality hardened and tempered steel blade with specially hardened teeth.

8 points per inch (7tpi)

Blade Length	Teeth Per Inch	Order Code KEN-597
550mm (22")	7	-4900K
550mm (22")	11	-4920K

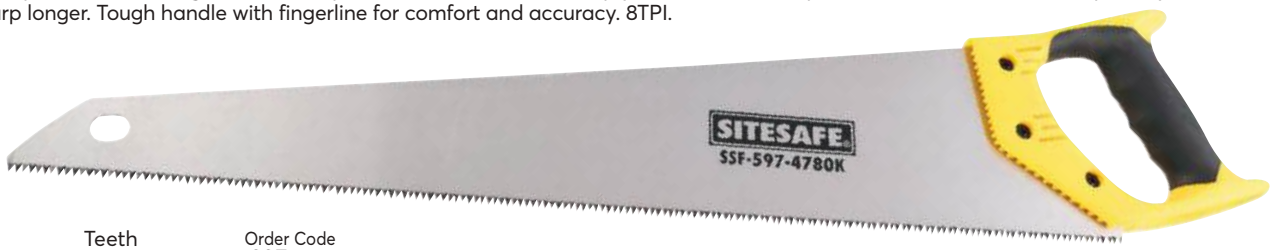
KENNEDY QUALITY INDUSTRIAL TOOLING Plasterboard Saw

Suitable for rapidly cutting holes in plasterboard. Hardened and tempered carbon steel blade with polished wooden handle with brass ferrule. 7TPI.

Blade Length	Weight each	Order Code KEN-597
150mm (6")	105g	-5660K

SITESAFE Hardpoint Hand Saw

Hardened and tempered blade. Designed to cut chipboard, blockboard, timber, plywood, hardboard, plasterboard and laminates. Specially hardened teeth to stay sharp longer. Tough handle with fingerline for comfort and accuracy. 8TPI.



Blade Length	Teeth per inch	Order Code SSF-597
560mm (22")	8	-4780K

Folding Saw Horse - Twin Pack

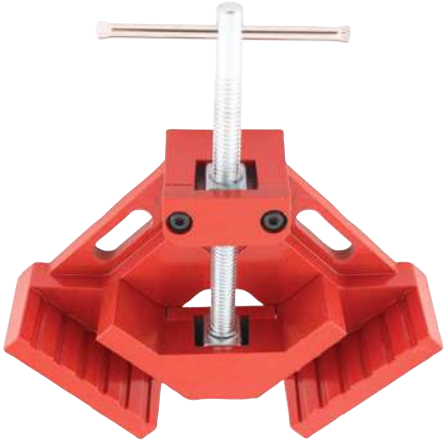
The Kennedy® Saw Horse is designed for supporting wooden planks and boards and is recommended for use in pairs. It has spreader bars for extra stability and features a support bar on the top with metric and inch scale and end stops to secure the workpiece in place. Folds flat for easy transportation and storage.

- Non-slip rubber inserts, prevent work piece slipping.
- Folds flat for easy transportation and storage.
- Suitable for on site and work-shop use.
- Rated to 100kg per pair.
- Metric and inch scale on the top.
- Waterproof.

Dimensions (open) L x W x H (cm)	Dimensions (closed) L x W x H (cm)	Max Load per pair	Order Code KEN-597
52 x 61 x 79.5	5.5 x 61 x 82.5	100kg	-8140K

Corner Clamp

Ideal for use with wood, angle and tubing. lamping jaws swivel to accept various widths. Die cast aluminium body with bench mounting.
Base : 158 x 158mm.
Jaw depth: 36mm.
Slot width: 10mm.



Maximum Clamping	Weight each	Order Code KEN-597
70 x 70mm	1.40kg	-6000K

See our range

Scan the QR code

Chisels

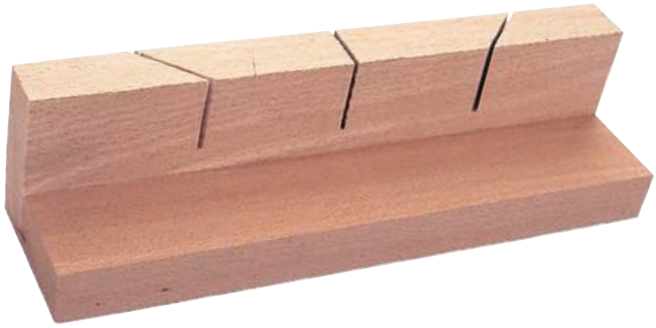
Beechwood Sawing Blocks

Mitre box and block pre-cut at 45° and 90°.

Mitre Box

Internal Size (mm)	Order Code KEN-597
230 x 76	-6090K

Mitre Block



Internal Size (mm)	Order Code KEN-597
230 x 76	-6190K

Bench Hook

Manufactured from the quality beech wood. Hooks into the edge of the bench allowing the workpiece to be held firmly against one end whilst cutting or marking out.
Universal - left and right handed.

Internal Size (mm)	Order Code KEN-597
230 x 150	-6290K

KENNEDY QUALITY INDUSTRIAL TOOLING Bevel Edge Wood Chisels

Craftsman
Hammer-blow resistant handles. For craftsmen and joiners. Designed to give a life-time of high performance. Chrome vanadium alloy blades, hardened, tempered, ground and polished. 'CAB' (Cellulose Acetate Butyrate handles).

Set

No. of Pieces	Contents	Weight each	Order Code KEN-597
4	6, 13, 19, & 25mm	880g	-2980K

Professional
'Classic' pattern. For professional carpenters.

Set

No. of Pieces	Contents	Weight each	Order Code KEN-597
4	6, 13, 19, & 25mm	800g	-2970K

SENATOR QUALITY TOOLING Carpenter's Chisel Set

Made from quality materials and complete with its own canvas storage wallet. Bevel edged chrome vanadium blades, hardened, tempered, ground and polished.

Comfortable bi-material handles with impact resistant end caps.

Contents: 6mm (1/4"), 13mm (1/2"), 19mm (3/4") and 25mm (1") chisels.

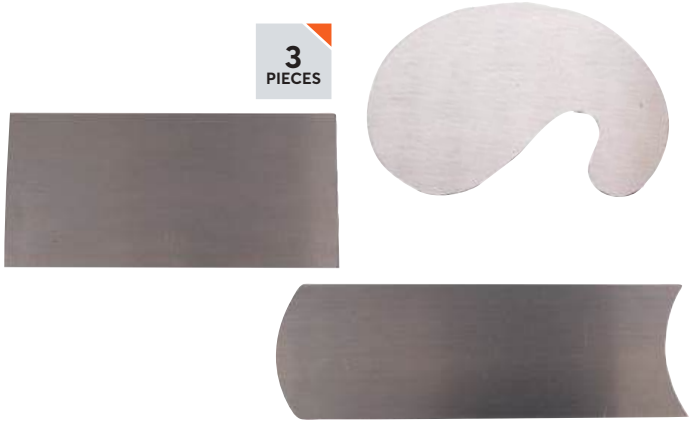
4 PIECES

Order Code SEN-597
-2970K

KENNEDY QUALITY INDUSTRIAL TOOLING Cabinet Scraper Set

For fine surface finishing of intricate contour surfaces. Used to manually remove small amounts of material and excels in tricky grain areas where hand planes would cause tear out. They will stand up to any heavy-duty scraping task with minimum tear out. For best results, these scrapers should be burnished to a razor sharp edge.

3 PIECES



KENNEDY QUALITY INDUSTRIAL TOOLING Hand Drill

Double pinion drill with die cast body and three jaw keyless chuck. Plastic handle with plastic grips and screw top, for bit storage. Used for small drilling operations.

Overall Length	Weight per 6	Order Code KEN-597
215mm	2.80kg	-0600K

Number of Pieces	Weight Set	Order Code KEN-597
3	170g	-7400K

SENATOR QUALITY TOOLING Turning Tool Set

Contents: three straight gouges, two skew chisels, one V-parting tool, one round nose and one diamond point. HSS steel blades. All supplied in a wooden presentation case.

Blade length: 125mm.
Handle length: 250mm.

8 PIECES

Weight each	Order Code SEN-597
2.25kg	-3940K

KENNEDY QUALITY INDUSTRIAL TOOLING Tacklifter

Beechwood handle, V-cut.

Length	Weight each	Order Code KEN-597
195mm	100g	-7150K

KENNEDY QUALITY INDUSTRIAL TOOLING Marketry Punch

Beechwood handle, for piercing holes in veneer and thin wood.

Length x Diameter	Weight each	Order Code KEN-597
65 x 3mm	25g	-7250K

KENNEDY QUALITY INDUSTRIAL TOOLING Beechwood Mallet

Traditional carpenter's pattern.

Head Size	Weight each	Order Code KEN-597
114mm (4½")	520g	-6450K

SENATOR QUALITY TOOLING Wood Carving Tool Set

Contents: four straight gouges, two square chisels, two skew chisels, two V-parting tools, one veiner and one spoon bit. Alloy steel blades. All supplied in a quality wooden presentation case.

Blade length: 110mm.
Handle length: 95mm.

12 PIECES

Weight each	Order Code SEN-597
1.30kg	-3960K

KENNEDY QUALITY INDUSTRIAL TOOLING Marking & Mortice Gauges

Beechwood Marking Gauge
For marking wood and laminate parallel to edge, prior to cutting, sawing or chiselling. With plastic thumbscrew.
Capacity:
0 - 150 (6").
Weight: 142g.

Gauge Type	Order Code KEN-597
Marking	-6600K

KENNEDY QUALITY INDUSTRIAL TOOLING Marking & Mortice Gauges

Rosewood Mortice Gauge
With pull slide, brass adjustment screw and brass plated head which is wear resistant and improves accuracy. Fitted with a single/double spur for marking out mortices.
Capacity:
0 - 150mm (6").
Weight: 142g.

Gauge Type	Order Code KEN-597
Mortice	-6650K

KENNEDY QUALITY INDUSTRIAL TOOLING Chalk Lines

Die Cast Zinc Alloy Case
With a red satin finish.
Complete with folding locking handle. With sliding hatch for filling.
Weight: 383g.

Chalk not included

Line Length	Order Code KEN-597
30m	-7320K

KENNEDY QUALITY INDUSTRIAL TOOLING Adjustable Flat Bits

For cutting holes in wood, plastics etc.
Cutting diameter can be infinitely varied within range. Graduated scale with locking screw. For use in three jaw chucks.
9.6mm hexagon shank.
Overall length: 170mm.

Cutting Range	Weight Per 12	Order Code KEN-597
25 - 45mm	1.8g	-4400K
40 - 76mm	2.8g	-4450K

KENNEDY QUALITY INDUSTRIAL TOOLING Chalk Line Refills - Large

Suitable for all chalk lines. Good colour fastness and weather resistance.

Available in three colours:
Blue general use: externally and internally.
Red exterior masonry: indelible in use.
White for interior use.

Colour	Weight each	Order Code KEN-597
Blue	100g	-7330K
Red		-7340K
White		-7350K
Blue	250g	-7370K
Red		-7380K
White		-7390K

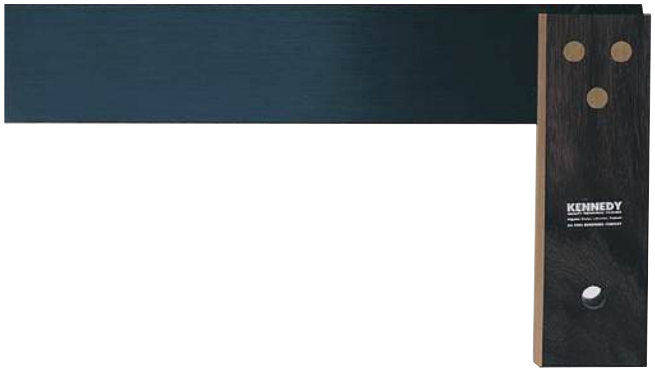
KENNEDY QUALITY INDUSTRIAL TOOLING Rafter Square

Manufactured from hardened and tempered ground steel. Graduated to 2mm on one side and ⅛" and 1/16" increments on the other. Enabling the user to determine the length of any common, hip, valley or jack rafter for any pitch of roof.

Body Length	Tongue (mm)	Weight per 12	Order Code KEN-597
610mm	406	11.1kg	-6950K

KENNEDY QUALITY INDUSTRIAL TOOLING Try & Mitre Squares

Rosewood stock with brass face for greater wear resistance. Blades are manufactured from hardened steel



Head Size	Weight Per 12	Order Code KEN-597
150mm (6")	2.90kg	-6860K
230mm (9")	3.80kg	-6890K

Surface Forming Tools

Scan the QR code

KENNEDY QUALITY INDUSTRIAL TOOLING Sliding Bevels

Used for marking regular and irregular angles. The 9" sliding steel blade can be locked into any position using the brass thumbscrew. Rosewood stock with brass tips for greater wear resistance.

Head Size	Weight Per 12	Order Code KEN-597
190mm	1.95kg	-6750K
230mm	2.20kg	-6790K

KENNEDY QUALITY INDUSTRIAL TOOLING Angle Finder - Magnetic Base

Can be used independently as a 'quick check' tool or to convert a rule or square into a precision angle finder. High strength built-in ceramic magnet with vee groove for use on bars and pipes.

Accuracy: ±0.5%.

Dial Reading	Order Code KEN-597
0-90° (Any Quadrant)	-7500K

KENNEDY QUALITY INDUSTRIAL TOOLING Combination Squares

Multi-functional. Can be used as try square, mitre square, depth gauge, spirit level, marking gauge, height gauge and rule. Supplied with scribing tool. Diecast aluminium alloy head with the 6" rule and diecast zinc alloy head with the 12" rule. Precision rolled blades.

Supplied with scribing tool.

Blade Length	Order Code KEN-597
150mm/6"	-7060K
300mm/12"	-7120K

KENNEDY QUALITY INDUSTRIAL TOOLING Hexagon Key L-Wrenches

Manufactured from fully hardened carbon steel in accordance with **DIN ISO 2936** ensuring a quality ductile key with precision square cut ends and accurate AF dimensions to ensure full socket contact. Black finish.

METRIC HEXAGON

Metric - Standard Length

Size (mm)	Dimensions (mm) a	b	Weight per 100	Order Code KEN-601
		Pack of 100		
1.5	46.0	15.0	0.95kg	-1150K
2.0	52.0	18.0	1.93kg	-1200K
2.5	58.0	20.0	3.36kg	-1250K
3.0	66.0	23.0	5.52kg	-1300K
4.0	74.0	29.0	11.4kg	-1400K
5.0	85.0	33.0	20.4kg	-1500K
6.0	96.0	38.0	33.3kg	-1600K
7.0	102.0	41.0	48.5kg	-1700K
8.0	108.0	44.0	67.4kg	-1800K
10.0	122.0	50.0	119kg	-2100K
12.0	137.0	57.0	194kg	-2120K
14.0	154.0	70.0	305kg	-2140K
17.0	177.0	80.0	517kg	-2170K
19.0	199.0	89.0	723kg	-2190K
22.0	222.0	102.0	1092kg	-2220K
		Pack of 1		
24.0	224.0	90.0		-2240K
27.0	250.0	100.0		-2270K
32.0	315.0	125.0		-2320K

INCH HEXAGON

Inch - Standard Length

Size (inch)	Dimensions(mm) a	b	Weight per 100	Order Code KEN-601
		Pack of 100		
0.028"	33	7	0.07kg	-0010K
0.035"	33	11	0.08kg	-0020K
0.050"	41	13	0.11kg	-0030K
1/16"	47	16	0.16kg	-0040K
5/64"	52	18	0.21kg	-0050K
3/32"	58	20	0.32kg	-0060K
7/64"	66	23	0.42kg	-0070K
1/8"	66	23	0.58kg	-0080K
9/64"	72	26	0.77kg	-0090K
5/32"	74	29	1.00kg	-0100K
3/16"	85	33	1.50kg	-0120K
7/32"	91	36	2.16kg	-0140K
1/4"	96	38	3.20kg	-0160K
5/16"	108	44	4.30kg	-0200K
3/8"	122	50	9.20kg	-0240K
7/16"	130	53	13.50kg	-0280K
1/2"	145	63	19.40kg	-0320K
9/16"	154	69	27.00kg	-0360K
5/8"	176	76	36.00kg	-0400K
3/4"	199	89	62.00kg	-0480K
7/8"	222	102	92.00kg	-0560K
1"	275	125	128.00kg	-0640K

KENNEDY QUALITY INDUSTRIAL TOOLING Metric/Inch Hexagon Key Set

Manufactured from high grade carbon steel to international standards **DIN ISO 2936**. Supplied in a tough ABS plastic case for easy storage and selection.
Metric - 10 Piece: 1.5, 2, 2.5, 3, 4 , 5, 6, 7, 8 and 10mm.
Inch - 10 Piece: 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16" and 3/8".

HEXAGON

20 PIECES

Description	Order Code KEN-601
20 Piece Hexagon Key Set	-1060K

Description	Order Code KEN-593
Spare Case for 601-1060K	-4500K

KENNEDY QUALITY INDUSTRIAL TOOLING CV Hex Keys

Chrome vanadium steel with a nickel plating.
Manufactured to **DIN ISO 2936**.
Supplied in an indexed plastic holder.

HEXAGON **METRIC**

Size (mm)	Overall Length (mm)	Order Code KEN-601
1.5	45	-7520K
2.0	50	-7540K
2.5	55	-7560K
3.0	60	-7580K
4.0	75	-7600K
5.0	85	-7620K
6.0	95	-7640K
8.0	110	-7660K
10.0	120	-7680K
9 Piece Set	1 of each above	-7990K

KENNEDY QUALITY INDUSTRIAL TOOLING Hexagon Key Walleted Sets

Metric - 9 Piece Set Contents:
1.5 x 45, 2 x 50, 2.5 x 56, 3 x 63, 4 x 70, 5 x 79, 6 x 90, 8 x 100 and 10 x 112mm.

Inch - 10 Piece Set Contents:
1/16" x 1 3/4", 5/64" x 1 7/8", 3/32" x 2", 1/8" x 2 1/4", 5/32" x 2 1/2", 3/16" x 2 3/4", 7/32" x 3", 1/4" x 3 1/4", 5/16" x 3 3/4" and 3/8" x 4 1/4".

HEXAGON

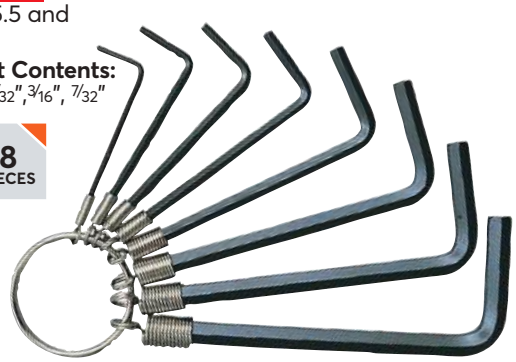
Type	Order Code KEN-601
Metric	-2970K
Inch	-0970K

KENNEDY QUALITY INDUSTRIAL TOOLING Key Ring Sets

Metric - 8 Piece Set Contents:
1.5, 2, 2.5, 3, 4, 5, 5.5 and 6mm.

Inch - 8 Piece Set Contents:
1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 7/32" and 1/4".

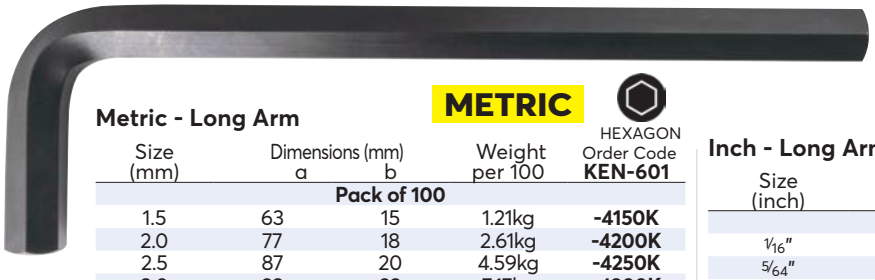
HEXAGON 8 PIECES



Type	Order Code KEN-601
Metric	-2980K
Inch	-0980K

KENNEDY QUALITY INDUSTRIAL TOOLING Hexagon Key L-Wrenches - Long Arm

Manufactured from fully hardened carbon steel in accordance with **DIN ISO 2936** ensuring a quality ductile key with precision square cut ends and accurate AF dimensions to ensure full socket contact. Black finish.



Metric - Long Arm

METRIC HEXAGON

Size (mm)	Dimensions (mm) a	b	Weight per 100	Order Code KEN-601
		Pack of 100		
1.5	63	15	1.21kg	-4150K
2.0	77	18	2.61kg	-4200K
2.5	87	20	4.59kg	-4250K
3.0	93	23	7.17kg	-4300K
4.0	104	29	14.6kg	-4400K
5.0	120	33	26.3kg	-4500K
6.0	141	38	44.3kg	-4600K
8.0	158	44	89.1kg	-4800K
10.0	180	50	158kg	-5100K
12.0	202	57	257kg	-5120K
14.0	229	70	405kg	-5140K
17.0	262	80	684kg	-5170K
19.0	280	89	922kg	-5190K
		Pack of 1		
22.0	330	80		-5220K
24.0	370	90		-5240K
27.0	420	100		-5270K
32.0	500	125		-5320K

Metric 9 Piece Long Arm Set Contents:
1.5 x 77, 2 x 83, 2.5 x 90, 3 x 98, 4 x 106, 5 x 118, 6 x 137, 8 x 156, and 10 x 170mm.

METRIC HEXAGON

Number of Pieces	Weight each	Order Code KEN-601
9	450g	-5970K

Inch - Long Arm

INCH HEXAGON

Size (inch)	Dimensions (mm) a	b	Weight per 100	Order Code KEN-601
		Pack of 100		
1/16"	77	14	0.21kg	-3040K
5/64"	82	15	0.31kg	-3050K
3/32"	88	17	0.44kg	-3060K
7/64"	92	18	0.62kg	-3070K
1/8"	96	19	0.79kg	-3080K
9/64"	101	20	0.81kg	-3090K
5/32"	105	21	1.60kg	-3100K
3/16"	114	24	2.20kg	-3120K
7/32"	124	26	3.40kg	-3140K
1/4"	135	28	4.40kg	-3160K
5/16"	151	32	8.00kg	-3200K
3/8"	170	35	13.00kg	-3240K
1/2"	208	41	28.00kg	-3320K
9/16"	228	44	33.00kg	-3360K
5/8"	250	48	67.00kg	-3400K

Inch 10 Piece Long Arm Set Contents:
1/16" x 3", 5/64" x 3 3/16", 3/32" x 3 1/2", 1/8" x 3 3/4", 5/32" x 4 1/8", 3/16" x 4 1/2", 7/32" x 4 7/8", 1/4" x 5 5/16", 5/16" x 6", and 3/8" x 6 3/4".

INCH HEXAGON

Number of Pieces	Weight each	Order Code KEN-601
10	380g	-3970K

KENNEDY QUALITY INDUSTRIAL TOOLING Hexagon T-Handle Wrenches

Manufactured from fully hardened carbon steel. Ergonomically designed handle to provide high grip and torque with user comfort.

Metric

METRIC HEXAGON

Size mm	Overall Length (mm)	Weight each	Order Code KEN-601
2.0	150	25g	-6030K
2.5	150	30g	-6050K
3.0	150	35g	-6060K
4.0	190	55g	-6080K
5.0	190	70g	-6100K
6.0	225	120g	-6120K
8.0	225	155g	-6160K
10.0	225	220g	-6200K

Inch

INCH HEXAGON

Size (Inch)	Overall Length (Inch)	Weight each	Order Code KEN-601
3/32"	6"	25g	-6560K
1/8"	6"	30g	-6580K
5/32"	7 1/2"	55g	-6600K
3/16"	7 1/2"	65g	-6620K
1/4"	9"	130g	-6660K
5/16"	9"	160g	-6700K
3/8"	9"	210g	-6740K

Metric 5 Piece Set Contents:
4, 5, 6, 8 and 10mm.

Metric 8 Piece Set Contents: 2, 2.5, 3, 4, 5, 6, 8 and 10mm.

HEXAGON

8 PIECES **METRIC**

Number of Pieces	Weight each	Order Code KEN-601
5	685g	-6450K
8	765g	-6470K

KENNEDY PROFESSIONAL Pro-Torq Hex Wrench Sets on Clip

Supplied on robust plastic clips. Keeps all sizes together and readily available. Conveniently folds up to a handy pocket size with penknife type storage. Wrench size stamped on clip.

HEXAGON

INCH

METRIC

Size	Weight each	Order Code KEN-601
5/64" - 1/4"	160g	-1020K
1.5 - 8mm	160g	-3020K

KENNEDY QUALITY INDUSTRIAL TOOLING Extra Long Ball Driver Hex Key Set

Can be used at angles of up to 30°. Manufactured from high grade carbon steel to international standards.

Metric:
1.5, 2, 2.5, 3, 4, 5 , 7, 8, 10mm

Inch:
1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8".

Tough ABS plastic case for easy storage and selection.

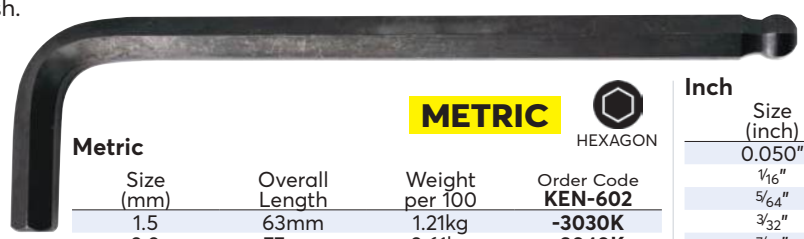
20 PIECES

Description	Order Code KEN-593
Spare Case to suit -2800K	-4520K

Weight each	Order Code KEN-602
940g	-2800K

KENNEDY QUALITY INDUSTRIAL TOOLING Ball Driver L-Wrenches

Manufactured from fully hardened carbon steel. A quality ductile key with precision cut ends and accurate AF dimensional to ensure maximum socket contact. Ball end allows up to 30° work offset. Long arm end is ball drive and short arm end plain. Black oxidised finish.



METRIC HEXAGON

Metric

Size (mm)	Overall Length	Weight per 100	Order Code KEN-602
1.5	63mm	1.21kg	-3030K
2.0	77mm	2.61kg	-3040K
2.5	87mm	4.59kg	-3050K
3.0	93mm	7.17kg	-3060K
4.0	104mm	14.6kg	-3080K
5.0	120mm	26.2kg	-3100K
6.0	141mm	44.3kg	-3120K
7.0	147mm	63.5kg	-3140K
8.0	158mm	89.1kg	-3160K
10.0	180mm	158kg	-3200K

Metric 7 Piece
Set Contents: 1.5, 2, 2.5, 3, 4, 5 and 6mm.

Metric 9 Piece
Set Contents: 1.5, 2, 2.5, 3, 4, 5, 6, 8 and 10mm.

Supplied in a plastic storage clip.

INCH HEXAGON

Inch

Size (inch)	Overall Length	Weight per 100	Order Code KEN-602
0.050"	77mm	0.30kg	-4030K
1/16"	77mm	0.32kg	-4040K
5/64"	82mm	0.32kg	-4050K
3/32"	89mm	0.46kg	-4060K
7/64"	96mm	0.64kg	-4070K
1/8"	101mm	0.86kg	-4080K
9/64"	105mm	1.10kg	-4090K
5/32"	113mm	2.10kg	-4100K
3/16"	124mm	2.30kg	-4120K
7/32"	134mm	3.40kg	-4140K
1/4"	150mm	2.80kg	-4160K
5/16"	162mm	8.00kg	-4200K
3/8"	186mm	26.00kg	-4240K

Inch 7 Piece
Set Contents: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32" and 3/16".

Inch 9 Piece
Set Contents: 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16" and 3/8".

Supplied in a plastic storage clip.

METRIC HEXAGON

Number of Pieces	Weight each	Order Code KEN-602
7	110g	-4570K
9	350g	-5500K

INCH HEXAGON

Number of Pieces	Weight each	Order Code KEN-602
7	80g	-5580K
9	370g	-5730K

HEXAGON BALL DRIVERS

KENNEDY QUALITY INDUSTRIAL TOOLING Hexagon T-Handle Ball Drivers

Manufactured from fully hardened carbon steel. Ergonomically designed handle to provide high grip and torque with user comfort.

HEXAGON

METRIC

Size (mm)	Overall Length	Order Code KEN-602
2.5	150mm	-6050K
3.0	150mm	-6060K
4.0	150mm	-6080K
5.0	190mm	-6100K
6.0	190mm	-6120K
8.0	230mm	-6160K
10.0	230mm	-6200K

INCH

Size (inch)	Overall Length	Order Code KEN-602
3/32"	6"	-6560K
1/8"	6"	-6580K
5/32"	7½"	-6600K
3/16"	7½"	-6620K
7/32"	9"	-6640K
1/4"	9"	-6660K
5/16"	9"	-6700K
3/8"	9"	-6740K

METRIC

HEXAGON

5 Piece Set Contents:
4, 5, 6, 8 and 10mm.

7 Piece Set Contents:
2.5, 3, 4, 5, 6, 8 and 10mm.

7 PIECES

Number of Pieces	Weight each	Order Code KEN-602
5	650g	-7650K
7	1007g	-7770K

KENNEDY QUALITY INDUSTRIAL TOOLING CV Ball Drivers

HEXAGON

Manufactured from chrome vanadium steel with a nickel plating. Set supplied in an indexed plastic holder. Individual hexagon key slots help to instantly identify missing drivers.

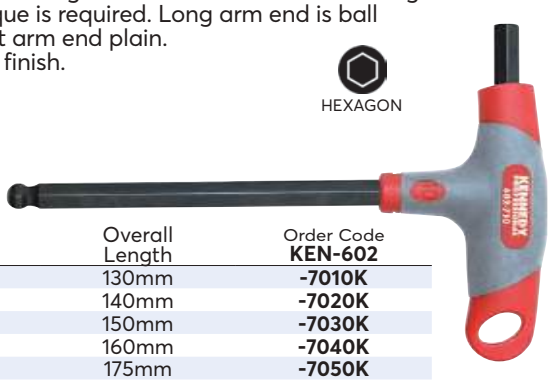
METRIC

Size (mm)	Overall Length	Order Code KEN-602
1.5	80mm	-9030K
2.0	85mm	-9040K
2.5	90mm	-9050K
3.0	100mm	-9060K
4.0	110mm	-9080K
5.0	130mm	-9100K
6.0	150mm	-9120K
8.0	175mm	-9160K
10.0	200mm	-9200K
9 Piece Set	1 of each above	-9940K

KENNEDY PROFESSIONAL Pro-Torq T-Handled Hexagon Ball Drivers

Manufactured from hardened carbon steel with a dual material 'T' handle grip for comfort and extra force. The ball drivers can be used at angles of up to 30° for use where access is restricted and the shorter hexagon end is ideal for use when a greater tightening torque is required. Long arm end is ball drive and short arm end plain.
Black oxidised finish.

HEXAGON



METRIC

Size (mm)	Overall Length	Order Code KEN-602
2.0	130mm	-7010K
2.5	140mm	-7020K
3.0	150mm	-7030K
4.0	160mm	-7040K
5.0	175mm	-7050K
6.0	185mm	-7060K
8.0	195mm	-7080K
10.0	205mm	-7100K

8 Piece Set Contents:
2.0, 2.5, 3, 4, 5, 6, 8 and 10mm.

8 PIECES

Weight each	Order Code KEN-602
750g	-7800K

KENNEDY QUALITY INDUSTRIAL TOOLING Hexagon Ball Driver Hand Clip Sets

METRIC

7 Piece Set Contents: 2.5, 3, 4,5, 6, 8 and 10mm.

INCH

7 Piece Set Contents:
3/32", 1/8", 5/32", 3/16", 1/4", 5/16" and 3/8".

HEXAGON

7 PIECES

Description	Weight each	Order Code KEN-602
Metric	360g	-8070K
Inch	465g	-8170K

KENNEDY PROFESSIONAL Pro-Torq Hexagon Ball Wrench Clip Sets

Conveniently folds up to a handy pocket size with penknife type storage. Moulded handle that gives excellent grip and user comfort.

Dimensions (W x D x H):
40 x 22 x 115mm.

METRIC

8 Piece Set Contents:
1.5 - 8mm.

INCH

9 Piece Set Contents: 5/64" - 1/4".

HEXAGON

Description	Number of Pieces	Weight each	Order Code KEN-602
Metric	8	169g	-8280K
Inch	9	149g	-8390K

Long Arm Ball Point Hex Key Set

- Long arm, colour coded ball point hex key set supplied in a plastic holder.
- Colour coding helps to easily identify size required

Contents	Order Code KEN-601
Set: 1.5-2-2.5-3-4-5-6-8-10mm	-8446K

Hexagon Ball Drivers

Can be used at angles of up to 25° from the screw head, making them ideal for awkward access areas.
Manufactured from hardened carbon steel, available with fluted driver handles, L-wrench pattern or T-handle.

METRIC HEXAGON

Metric

Size (mm)	Blade Length	Weight Per 10	Order Code KEN-602
1.5	86mm	65g	-1030K
2.0	89mm	90g	-1040K
2.5	99mm	120g	-1050K
3.0	81mm	200g	-1060K
4.0	97mm	450g	-1080K
5.0	109mm	710g	-1100K
6.0	137mm	910g	-1120K
8.0	163mm	1580g	-1160K
10.0	185mm	1840g	-1200K

INCH HEXAGON

Inch

Size (Inch)	Blade Length	Weight Per 10	Order Code KEN-602
1/16"	84mm	90g	-2040K
5/64"	89mm	110g	-2050K
1/8"	79mm	200g	-2080K
9/64"	84mm	400g	-2090K
5/32"	89mm	550g	-2100K
3/16"	96mm	1380g	-2120K

Hexagon Ball Driver Sets

Metric 6 Piece Set Contents:
1.5, 2, 2.5, 3, 4 and 5mm.

6 PIECES **METRIC** HEXAGON

Weight each	Order Code KEN-602
170g	-2560K

Metric 9 Piece Set Contents:
1.5, 2, 2.5, 3, 4, 5, 6, 8 and 10mm.

9 PIECES **METRIC** HEXAGON

Weight each	Order Code KEN-602
640g	-2590K

KENNEDY QUALITY INDUSTRIAL TOOLING L-Wrench Torx Keys

Manufactured from chrome molybdenum steel. Made to manufacturer's standards. Torx is a registered trademark of Camcar Textron.

TX

Size	Length (mm)	Weight each	Order Code KEN-603
T6	46	20g	-0060K
T7	52	20g	-0070K
T8	52	30g	-0080K
T9	54	30g	-0090K
T10	54	40g	-0100K
T15	58	55g	-0150K
T20	61	75g	-0200K

Size	Length (mm)	Weight each	Order Code KEN-603
T25	63	100g	-0250K
T27	69	160g	-0270K
T30	78	210g	-0300K
T40	85	310g	-0400K
T45	92	445g	-0450K
T50	100	640g	-0500K
T55	120	1200g	-0550K

KENNEDY QUALITY INDUSTRIAL TOOLING

9 Piece Set Contents: T8, T9, T10, T15, T20, T25, T27, T30 and T40. Supplied in a plastic storage clip.

TX

9 PIECES

Weight each	Order Code KEN-603
155g	-0760K

KENNEDY QUALITY INDUSTRIAL TOOLING L-Wrench TXS (Tamper-Proof) Keys

TXS tamper-proof Torx keys are the same shape as standard Torx keys, but have a security hole in the middle. Manufactured from chrome molybdenum steel.

TXS

Size	Length (mm)	Weight each	Order Code KEN-603
T8	52	30g	-2080K
T9	54	30g	-2090K
T10	54	40g	-2100K
T15	58	55g	-2150K
T20	61	75g	-2200K

Size	Length (mm)	Weight each	Order Code KEN-603
T25	63	100g	-2250K
T27	69	160g	-2270K
T30	78	210g	-2300K
T40	85	310g	-2400K

9 Piece Set Contents: T8, T9, T10, T15, T20, T25, T27, T30 and T40. Supplied in a plastic storage clip.

TXS

9 PIECES

Weight each	Order Code KEN-603
102g	-2680K

KENNEDY QUALITY INDUSTRIAL TOOLING Driver Style Torx Keys

TX

Screwdriver handle style wrenches. Suitable for all applications but particularly favoured for use when replacing shims and inserts on replaceable tipped carbide tooling. Also favoured by the electronics industry. Made from chrome molybdenum steel. Each driver is marked with size.

Size	Length (mm)	Weight each	Order Code KEN-603
T6	61	30g	-0060D
T7	61	32g	-0070D
T8	72	34g	-0080D
T9	75	60g	-0090D

Size	Length (mm)	Weight each	Order Code KEN-603
T10	75	60g	-0100D
T15	92	83g	-0150D
T20	96	97g	-0220D
T25	100	100g	-0250D

KENNEDY PROFESSIONAL Pro-Torq Torx Wrench Set on Clip

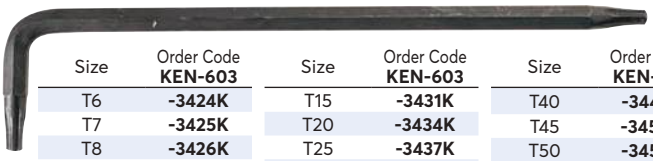
Eight keys supplied on robust plastic clip. Keeps all sizes together and readily available. Conveniently folds up to a handy pocket size with penknife type storage. Wrench size stamped on clip.

Size	Weight each	Order Code KEN-603
T9 - T40	164g	-1680K

KENNEDY PROFESSIONAL Long Arm Star Key

NEW

Manufactured from high grade carbon steel to international standards.



Size	Order Code KEN-603	Size	Order Code KEN-603	Size	Order Code KEN-603
T6	-3424K	T15	-3431K	T40	-3447K
T7	-3425K	T20	-3434K	T45	-3450K
T8	-3426K	T25	-3437K	T50	-3453K
T9	-3427K	T27	-3441K	T55	-3456K
T10	-3428K	T30	-3444K		

NEW

Contents

	Order Code KEN-603
Set: T8-T9-T10-T15-T20-T25-T27-T30-T40	-3464K

9-piece Long Arm Ball Point Hex Key Set

The 9-piece Long Arm Ball Point Hex Key Set is a professional-grade toolset that offers superior performance and durability, perfect for driving internal hexagon socket fasteners. The set includes sizes from 1.5 to 10 mm, with clear size markings for easy identification and a holder with a hole for convenient wall hanging.

- Clear size markings for easy identification
- Enhanced spacing provides better extraction and organisation
- Holder with a hole allows for convenient wall-hanging
- Ballpoint ends allow for angled entry in tight spaces

Handle Style	Order Code KEN-601
L Handle	-8446K

9-piece Long Arm Star Key Set

The 9-piece Long Arm Star Key Set offers high-quality, perfect for driving internal hexagon socket fasteners. Available in sizes T8 to T40, these durable star keys feature a functional, simple design with a medium size and lightweight for easy portability.

- Simple design enhances usability
- Medium size and lightweight for easy carrying
- Convenient composite holder for easy extraction
- Long arm design provides extra reach and leverage

Handle Style	Order Code KEN-603
L Handle	-3464K

Long Arm Star Keys

The Long Arm Star Keys are high-quality, professional-grade tools, designed for driving internal hexagon socket fasteners with precision and ease. Available individually in sizes from T6 to T55, these durable star keys are ideal for automotive repairs, machinery maintenance, furniture assembly, and general household tasks.

- Clear size markings allow for easy identification
- Suitable for various working and fixing locations
- Long arm design offers added reach and leverage

Tip Size	Order Code KEN-603
T6	-3424K
T7	-3425K
T8	-3426K
T9	-3427K
T10	-3428K
T15	-3431K
T20	-3434K
T25	-3437K
T27	-3441K
T30	-3444K
T40	-3447K
T45	-3450K

Fasteners & Fixings

Keeping Industry Working™

Product Groups

615 - 662

Contents

Description	Group	Page
Circlips	649	**521**
Dowel Pins	615	**522**
Fastener Assortments	615	**520 - 528**
Hose Clips & Pipe Clips	662	**530 - 531**
"O" Rings	615	**538**
Rivets	615	**522**
Self Tapping Screws	615	**524, 526**

Description	Group	Page
Socket Head - Cap Screws	615	**520**
- Countersunk Screws	604/615	**520, 523 - 524**
Socket Set Screws	602	**522 - 524**
Thread Repair	620	**529**
Wall Plugs	615	**526**
Washers	615	**525, 527, 528**

KENNEDY QUALITY INDUSTRIAL TOOLING Fix-it Kits

Metric Socket Head Cap Screws

Sizes: M5 x 12, M5 x 16, M5 x 20, M6 x 12, M6 x 16, M6 x 20, M6 x 25, M8 x 16, M8 X 20 and M8 x 25.

Average Quantity	Weight each	Order Code KEN-615
300	1.15Kg	**-4630K N/A**

KENNEDY QUALITY INDUSTRIAL TOOLING Metric Socket Screws - BZP Cap Head

Sizes: M5 x 12, 16 and 20. M6 x 12, 16, 20 and 25. M8 x 16, 20 and 25.
DIN 912. Grade 12.9.

Average Quantity	Weight each	Order Code KEN-615
240	1.91Kg	**-5060K N/A**

KENNEDY QUALITY INDUSTRIAL TOOLING Metric Socket Screws - Button Head

Sizes: M5 x 12, 16 and 20. M6 x 12, 16, 20 and 25. M8 x 20, 25 and 30.
ISO 7380.

Average Quantity	Weight each	Order Code KEN-615
310	1.80Kg	**-5010K N/A**

KENNEDY QUALITY INDUSTRIAL TOOLING Metric Socket Screws - BZP Button Head

Sizes: M5 x 12, 16 and 20. M6 x 12, 16, 20 and 25. M8 x 20, 25 and 30.
ISO 7380.

Average Quantity	Weight each	Order Code KEN-615
310	1.80Kg	**-5020K N/A**

KENNEDY QUALITY INDUSTRIAL TOOLING Metric Socket Head Countersunk Screws

Metric: M5 x 12, M5 x 16, M5 x 20, M6 x 12, M6 x 16, M6 x 20, M6 x 25, M8 x 20,
M8 x 25, M8 x 30
DIN 7991.

Average Quantity	Weight each	Order Code KEN-615
410	1.99Kg	**-5090K N/A**

KENNEDY QUALITY INDUSTRIAL TOOLING Metric Socket Screws - BZP Countersunk

Sizes: M5 x 12, 16 & 20. M6 x 12, 16, 20 and 25. M8 x 20, 25 and 30.
DIN 7991.

Average Quantity	Weight each	Order Code KEN-615
410	2.00Kg	**-5100K N/A**

SENATOR QUALITY TOOLING Fix-it Kits

Interior Circlips

These are constructed from durable spring steel and are black oxide treated for extra strength.

Contents:

3mm	-	x20	11mm	-	x15	20mm	-	x15
4mm	-	x10	12mm	-	x15	22.5mm	-	x20
5mm	-	x15	13mm	-	x25	25mm	-	x15
6mm	-	x25	14mm	-	x15	26mm	-	x15
8mm	-	x15	16mm	-	x20	28mm	-	x10
9mm	-	x20	19mm	-	x25	32mm	-	x5

Type	Average Quantity	Order Code SEN-615
Internal Circlip Kit	300	-4520K N/A

Exterior Circlips

These are constructed from durable spring steel and are black oxide treated for extra strength.

Contents:

3mm	-	x20	11mm	-	x15	20mm	-	x15
4mm	-	x10	12mm	-	x15	22.5mm	-	x20
5mm	-	x15	13mm	-	x25	25mm	-	x15
6mm	-	x25	14mm	-	x15	26mm	-	x15
8mm	-	x15	16mm	-	x20	28mm	-	x10
9mm	-	x20	19mm	-	x25	32mm	-	x5

Type	Average Quantity	Order Code SEN-615
External Circlip Kit	300	-4510K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Fix-it Kits

Circlips

Contents:
Internal: 14, 16, 19, 22, 24 and 25mm.
External: 12, 14, 16, 19, 22, 24 and 25mm.

BEST SELLER

Type	Avg Qty	Weight each	Order Code KEN-615
Circlips	380	0.5kg	-4470K

KENNEDY QUALITY INDUSTRIAL TOOLING Metric Nuts & Bolts Mild Steel. Grade 4.6.

Contents: M6 x 20, M6 x 40, M6 x 45, M8 x 25, M8 x 30, M8 x 35 and M8 x 50mm.

Average Quantity	Weight each	Order Code KEN-615
200	1.70kg	-4030K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING E Clip Kit

Contents: 3.2, 4, 5, 6, 8, 10 and 12mm.

Type	Average Quantity	Order Code KEN-615
E Clip Kit	355	-4475K N/A

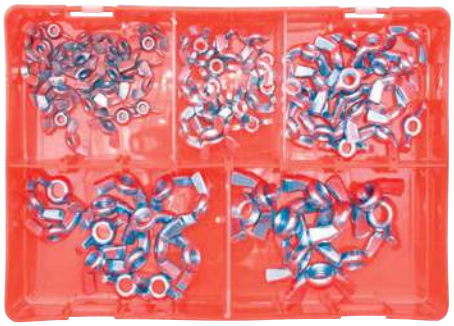
KENNEDY QUALITY INDUSTRIAL TOOLING Nyloc Zinc Plated Nuts

Contents: M5, M6, M8, M10, M12, M14 and M16.

Type	Avg Qty	Weight each	Order Code KEN-615
Metric	300	1.10kg	-4180K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Zinc Plated Wing Nuts

Contents: M4, M5, M6, M8 and M10.



Average Quantity	Weight each	Order Code KEN-615
100	0.50kg	-4210K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Cold Formed Zinc Plated Nuts

Contents: M5, M6, M8, M10 and M12.

Type	Avg Qty	Weight each	Order Code KEN-615
Metric	375	1.40kg	-4150K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Fix-it Kits Spring Tension Pins

BEST SELLER

Contents:
2.5 x 24, 2.5 x 40, 3 x 24, 3 x 40, 4 x 24, 4 x 40, 5 x 24, 5 x 40, 6 x 24, 6 x 40 and 8 x 55mm.

Type	Avg Qty	Weight each	Order Code KEN-615
Roll Clips	300	0.80kg	-4500K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Retaining Clips

Contents (D x L): 5 - 7 x 1.2, 7 - 9 x 1.2, 9 - 11 x 2, 14 - 16 x 3, 14 - 18 x 4mm.

Type	Avg Qty	Weight each	Order Code KEN-615
Retaining Clips	75	0.40kg	-4800K N/A

SENATOR QUALITY TOOLING Fix-it Kits Assorted Split Cotter Pins

Zinc plated to prevent rust.

Contents:
1/16" x 1" - x150, 3/32" x 1" - x150, 3/32" x1½" - x100, ⅛" x 1¼" - x75.
⅛" x 2" - x50 and 5/32" x 2½" - x30.

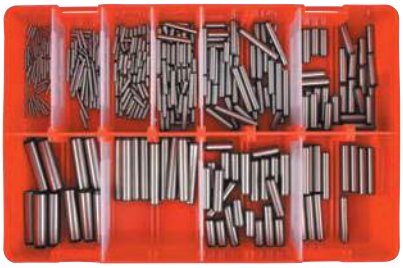
Type	Avg Qty	Order Code SEN-615
Assorted Split Cotter Pins	555	-7810K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Dowel Pin Kit - Metric & Inch

Hardened and precision ground. **DIN 6325**.

Metric Sizes: 1.5 x 8mm through to 8 x 32mm.

Inch Sizes: 1/16" x ½" through to ⅜" x 2".



Metric/ Inch	Average Quantity	Order Code KEN-615
Metric	265	-4510K N/A
Inch	345	-4520K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Aluminium Dome Head Rivet Kit

Contents:
2.4 x 6mm - x200, 2.4 x 8mm - x200, 3.2 x 5mm - x100, 3.2 x 7mm - x100, 3.2 x 10mm - x100, 4.0 x 6mm - x75, 4.0 x 10mm - x75, 4.0 x 12mm - x60, 4.8 x 9mm - x50, 4.8 x 16mm - x40.

Type	Avg Qty	Weight each	Order Code KEN-615
Dome Head Rivets	1000	1.25kg	-4010K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Fix-it Kits Woodruff Keys

Contents:
½" x 1/16", ½" x 3/32", ½" x ⅛", ⅝" x 3/32", ⅝" x ⅛", ⅝" x 5/32", ⅝" x 3/16 ¾" ,x ⅛", ¾" x 5/32", ¾" x 3/16", ¾" x ¼", ⅞" x 5/32", ⅞" x 3/16", ⅞" x 7/32" and ⅞" x ¼".

Washer Type	Average Quantity	Order Code KEN-615
Woodruff Keys	100	-4540K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Clevis Pins

Contents: 3/16" x ⅝", 3/16" x 1", ¼" x ¾", ¼" x ⅞", ¼" x 1", ¼" x 1½", 5/16" x ¾", 5/16" x 1", 5/16" x 1¼", 5/16" x 1½", 5/16" x 1¾" and ⅜" x 1", ⅜" x 1¼".

Type	Avg Qty	Weight each	Order Code KEN-615
Clevis Pins	170	1.25kg	-4490K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Split Cotter Pins

BEST SELLER

Large:
⅛" x 1½", ⅛" x 2", 9/64" x 2", 5/32" x 1½", 5/32" x 2", 3/16" x 1½", 3/16" x 2" and ¼" x 2".

Small:
1/16" x 1", 5/64" x 1", 3/32" x 1", ⅛" x 1", 9/64" x 1½", 1/16" x 1½", 5/64" x 1¼", 3/32" x 1½", 7/64" x 1½", ⅛" x 1½" and 5/32" x 1½".

Type	Avg Qty	Weight each	Order Code KEN-615
Large	200	1.35kg	-4420K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Fix-it Kits Set Screws, Nuts & Washers

Metric: Grade 8.8: M6 x 25, M6 x 40, M8 x 25, M8 x 40 and M10 x 25, M10 x 40mm.

UNF: Grade 'S': ¼" x ¾", ¼" x 1", 5/16 x 1", 5/16" x 1¼", ⅜" x 1", ⅜" x 1½".

UNC: Grade 'S': ¼" x ¾", ¼" x 1", 5/16" x 1", 5/16" x 1¼", ⅜" x 1", ⅜" x 1½".

Type	Avg Qty	Order Code KEN-615
Metric	288	-4110K N/A

QUALFAST A2 Stainless Steel Nuts & Washer Kit Plus Nyloc Nut Kit

Contents:

Full Nuts: M5, M6, M8, M10 and M12.
Form B: M5, M6, M8, M10 and M12.

Nyloc Nuts: M3, M4, M5, M6, M8, M10, M12, M14, M16 and M20.

Type	Average Quantity	Weight each	Order Code **QFT-615**
Metric	890	1.7kg	**-4400K N/A**
Metric	1087	2.6kg	**-4480K N/A**

A4 Stainless Steel Metric Hex Head Screw Kit

Contents: M6 x 12 x 25, M6 x 16 x 25, M6x20 x 25, M6 x 25 x 25, M8 x 16 x 20, M8x20 x 20, M8 x 25 x 20, M8 x 30 x 20, M10 x 25 x 10 and M10 x 30 x 10mm.

Type	Average Quantity	Order Code **QFT-615**
Metric	200	**-4640K N/A**

QUALFAST Stainless Fastener Assortments

A2 Stainless Steel Socket Cap Screw Kit

Contents: 5 x 12, 5 x 16, 5 x 20, 6 x 12, 6 x 16, 6 x 20, 6 x 25, 8 x 16, 8 x 20 and 8 x 25.

Type	Average Quantity	Weight each	Order Code **QFT-615**
Metric	250	2.0kg	**-4380K N/A**

A2 Stainless Steel Socket Button Screw Kit

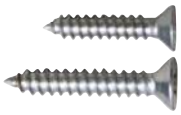
Contents: M5 x 12, M5 x 16, M5 x 20, M6 x 12, M6 x 16, M6 x 20, M6 x 25, M8 x 20, M8 x 25 and M8 x 30.

Type	Average Quantity	Weight each	Order Code **QFT-615**
Metric	310	1.5kg	**-4420K N/A**

QUALFAST Stainless Fastener Assortments

A2 Stainless Steel Pozi Pan head CSK Self-tapping Screw Kits

Contents:
CSK STS: 2.9 x 13, 2.9 x 16, 3.5 x 13 3.5 x 19, 3.5 x 25, 4.2 x 13, 4.2 x 19, 4.2 x 25, 4.8 x 16 and 4.8 x 25mm.



Type	Average Quantity	Order Code QFT-615
CSK	900	-4440K N/A

QUALFAST A2 Stainless Steel Pozi Pan Head Self-tapping Screw Kits

Contents:
PAN STS: 2.9 x 13, 2.9 x 16, 3.5 x 13, 3.5 x 19, 3.5 x 25, 4.2 x 13, 4.2 x 19, 4.2 x 25, 4.8 x 16 and 4.8 x 25mm.

Type	Average Quantity	Order Code QFT-615
PAN	900	-4450K N/A

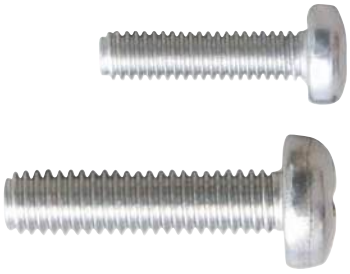
QUALFAST A2 Stainless Steel Pozi CSK Woodscrew Kits

Contents: 3.5 x 16, 3.5 x 20, 3.5 x 25, 4.0 x 20, 4.0 x 25, 4.0 x 30, 5.0 x 25, 5.0 x 30, 5.0 x 40 and 5.0 x 50mm.

Type	Average Quantity	Order Code QFT-615
Metric	625	-4430K N/A

QUALFAST A2 Stainless Steel Pozi Pan Head Machine Screw Kits

Contents:
PAN: M4 x 10, M4 x 12, M4 x 16, M5 x 16, M5 x 20, M6 x 12, M6 x 16, M6 x 20 and M6 x 25mm.



Type	Average Quantity	Order Code QFT-615
PAN	400	-4460K N/A

QUALFAST A2 Stainless Steel Pozi CSK Machine Screw Kits

Contents:
CSK: M4 x 10, M4 x 12, M4 x 16, M5 x 16, M5 x 20, M6 x 12, M6 x 16, M6 x 20 and M6 x 25mm.

Type	Average Quantity	Order Code QFT-615
Pozi CSK	500	-4470K N/A

QUALFAST A2 Stainless Steel CSK Socket Screw Kit

Contents: M5 x 12, M5 x 16, M5 x 20, M6 x 12, M6 x 16, M6 x 20, M6 x 25, M8 x 20, M8 x 25 and M8 x 30mm.

Washer Type	Average Quantity	Order Code QFT-615
Metric	310	-4410K N/A

QUALFAST Fix-it Kits

A4 Stainless Steel Metric Nut & Washer Kit

Contents:
Nuts:
M5 - x150, M6 - x100, M8 - x50, M10 - x25, M12 - x15,
Washers:
M5 - x200, M6 - x150, M8 - x100, M10 - x50 and M12 - x50.

Washer Type	Average Quantity	Order Code QFT-615
Metric	890	-4630K N/A

QUALFAST A4 Stainless Steel Metric Nut Kit

Contents:
M3 - x250, M4 - x200, M5 - x150, M6 - x100, M8 - x50, M10 - x25, M12 - x15, M16 - x9, M20 - x4 and M24 - x2.

Washer Type	Average Quantity	Order Code QFT-615
Metric	805	-4610K N/A

QUALFAST A4 Stainless Steel Metric Washer Kit

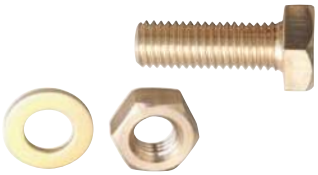
Contents:
M3 - x300, M4 - x250, M5 - x200, M6 - x150, M8 - x100, M10 - x50, M12 - x50, M16 - x25, M20 - x10 and M24 - x5.

Washer Type	Average Quantity	Order Code QFT-615
Metric	1140	-4620K N/A

QUALFAST Brass Fastener Assorments

Brass Hex Nuts & Washer Set

Contents:
M6 - x12, M6 - x16, M6 - x20, M6 - x25, M8 - x16, M8 - x20, M8 - x25, M8 - x30, M10 - x25 and M10 - x30.



Type	Avg Qty	Weight each	Order Code QFT-615
Metric	110	2.2kg	-5400K N/A

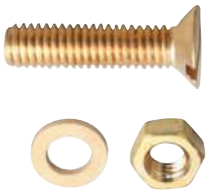
QUALFAST Brass Slot Pan M/C Nuts & Washer Set

Contents: M4 x 8, M4 x 10, M4 x 12, M4 x 16, M5 x 16, M5 x 20, M6 x 12, M6 x 16, M6 x 20 and M6 x 25mm.

Type	Average Quantity	Order Code QFT-615
Metric	310	-5460K N/A

QUALFAST Brass Slot CSK M/C Nut & Washer Set

Contents:
M4 x 8, M4 x 10, M4 x 12, M4 x 16, M5 x 16, M5 x 20, M6 x 12, M6 x 16, M6 x 20 and M6 x 25mm.



Type	Average Quantity	Order Code QFT-615
Metric	310	-5470K N/A

QUALFAST Brass Metric Nut

Contents:
M2.5 - x250, M3 - x200, M4 - x150, M5 - x100, M6 - x50, M8 - x25, M10 - x15, M12 - x10, M16 - x8 and M20 - x4.

Type	Average Quantity	Order Code QFT-615
Metric	812	-5510K N/A

QUALFAST Brass Metric Washer

Contents:
M2.5 x 300, M3 x 250, M3.5 x 250, M4 x 200, M5 x 150, M6 x 100, M8 x 50, M10 x 50, M12 x 25 and M16 x 5.

Type	Average Quantity	Order Code QFT-615
Metric	1380	-5520K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Fix-it Kits

Self-Tapping Screws
Contents:
Slotted Zinc-Plated Countersunk:
4 x ¼, 4 x ⅝, 4 x ¾, 6 x ½, 6 x ¾, 6 x 1, 8 x ½, 8 x ¾, 8 x 1, 10 x ½, 10 x ¾, 10 x 1.

Pan Head:
4 x ½, 4 x ¾, 6 x ½, 6 x ¾, 8 x ½, 8 x ¾, 10 x ½, 10 x ¾, 10 x 1mm.

Pozi Pan Head:
4 x ½, 6 x ½, 8 x ½,
10 x ½, 12 x ½, 4 x ¾, 6 x ¾, 8 x ¾,
10 x ¾, 12 x ¾, 6 x 1, 8 x 1, 10 x 1.

Flange: ½ x 6, ⅝ x 6, ¾ x 6, ½ x 8, ¾ x 8, ½ x 10, ¾ x 10mm.

PZ

Type	Average Quantity	Order Code KEN-615
Pan Head (S)	700	-4060K N/A
Pan Head (p)	700	-4600K N/A
Flange	700	-4610K N/A

Wall Plugs
Contents: yellow, red, brown and blue.

Average Quantity	Order Code KEN-615
220	-4740K N/A

SENATOR QUALITY TOOLING Standard Auto Blade Fuse Set

Supplied in a transparent plastic box.

Contents:
10 each of 5, 10, 15, 20, 25 and 30 amp blade fuses.

60 PIECES

Qty	Order Code SEN-615
60	-2000K N/A

MATLOCK Screw Organiser

2880 Pieces
Silver-TT™ Twin Thread
Woodscrew Set

Set Contents:
No.6 x ¾"(325),
No.6 x 1"(375),
No.8 x 1"(575),
No.8 x 1¼"(400),
No.8 x 1½"(300),
No.8 x 2"(200),
No.8 x 2½"(75),
No.10 x 2"(70),
No.10 x 2½"(60),
No.10 x 3"(50).

Fixing Plugs:
red 5.5mm (300),
brown 7mm (150).

Metal Case

PZ

Weight each	Order Code MTL-615
9.15kg	-0010K N/A

MATLOCK Screw Organiser

2880 Pieces
Gold-ZP™ Fibre Board
Woodscrew Set

Set Contents:
3.5 x 20mm (325),
3.5 x 25 (375),
4.0 x 25 (575),
4.0 x 30(400),
4.0 x 40 (300),
4.0 x 50 (200),
4.0 x 60 (75),
5.0 x 50(70),
5.0 x 60 (60),
5.0 x 70 (50).

Fixing Plugs:
red 5.5mm (300),
brown 7mm (150).

PZ

Metal Case

Average Quantity	Order Code MTL-615
2880	-0020K N/A

SENATOR QUALITY TOOLING 210 pce Multi-purpose Wood Screws Kit

Supplied in a transparent plastic box.

Contents:
3.00 x 20mm - 65, 3.5 x 25mm - 45,
3.5 x 35mm - 35, 4.0 x 15mm - 30,
4.0 x 40mm - 20, 5.0 x 50mm - 15.

Average Quantity	Order Code SEN-615
210	-2100K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Countersunk Wood Screws

Contents:
Slotted Zinc-Plated: ½ x 4, ¾ x 4, ¾ x 6, 1 x 6, ½ x 8, ¾ x 8, 1 x 10, 1½ x 10mm.

Pozidriv® Zinc-Plated: ½ x 4, ¾ x 4, ¾ x 6, 1 x 6, ½ x 8, ¾ x 8, 1 x 10, 1½ x 10mm.

PZ

Average Quantity	Order Code KEN-615
350	-4370K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Fix-it Kits

Machine Screws & Nuts
Steel - Pan Head:
M3 x 10, M3 x 12, M3 x 16, M3 x 20, M4 x 8, M4 x 10, M4 x 12, M4 x 16, M4 x 20, M4 x 25, M5 x 10, M5 x 12, M5 x 16, M5 x 20, M6 x 10, M6 x 12, M6 x 16, M6 x 20 and M6 x 25.

Brass - Round Head
Plus Washers:
4BA x ¾", 4BA x 1", 4BA x 1½", 2BA x ¾", 2BA x 1" and 2BA x 1½".

Type	Avg Qty	Weight each	Order Code KEN-615
Steel	600	1.15kg	-4290K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Fix-it Kits

Blind Grommets
Made from chemical/heat resistant nylon 66 with a flammability rating of UL94V-2 and material temperature index: 125°C.

Contents: diameters from 4.8 - 45mm for maximum panel thickness from 1.6 - 3.2mm.

Average Qty	Weight each	Order Code KEN-615
260	485g	-4760K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Metric 'O' Rings

Contents: M6, M10, M11, M14, M17, M21, M24 and M25.

Type	Avg Qty	Weight each	Order Code KEN-615
Metric 'O' Rings	400	0.30kg	-4900K N/A

SENATOR QUALITY TOOLING 92 pce Hook & Eye Bolt Assortment Kit

Contents:
Round eye bolt: 12mm x 14, 20mm x 10, 40mm x 8

Cup hook: 12mm x 6, 22mm x 8, 30mm x 6, 40mm x 4

L-hook: 20mm x 12, 25mm x 10, 30mm x 6, 40mm x 8

Average Quantity	Order Code SEN-615
92	-2500K N/A

SENATOR QUALITY TOOLING Fix-it Kits

Aluminium Rivet Assortment Kit

Supplied in a transparent plastic box.

Contents:
3.2 x 8mm - 20
3.2 x 9.5mm - 20
4.0 x 10mm - 20
4.8 x 9mm - 12
4.8 x 12.7mm - 12
4.8 x 16mm - 18

Type	Avg Qty	Order Code SEN-615
Rivets	102	-2300K N/A

SENATOR QUALITY TOOLING Fix-it Kits

Set Screws, Nuts & Washers - BZP
Made from bright zinc plated machine and tempered low carbon steel, rust and corrosion-resistant.

Contents:

Screws:	Washers:	Nuts:
M4 x 12 - x10,	M4 - x20,	M4 - x20,
M4 x 20 - x10,	M5 - x20,	M5 - x20,
M5 x 16 - x10,	M6 - x20,	M6 - x20,
M5 x 25 - x10,	M8 - x10,	M8 - x10,
M6 x 20 - x10,	M10 - x10.	M10 - x10,
M6 x 30 - x10,		
M8 x 25 - x5,		
M8 x 40 - x5,		
M10 x 16 - x5,		
M10 x 40 - x5.		

Average Quantity	Order Code SEN-615
240	-6110K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Fibre Washers - Metric

Contents: M5, M6, M8, M10 and M12.

Washer Type	Average Quantity	Order Code KEN-615
Fibre	600	-4280K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Internal Disc Lock Washers - Metric

Contents: M5, M6, M8 and M10.

Washer Type	Average Quantity	Order Code KEN-615
Internal Lock	750	-4250K N/A

SENATOR QUALITY TOOLING Fix-it Kits

Flat & Spring Washers

Contents:

Flat Washers (diameter):
4mm - x120, 5mm - x100, 6mm - x80, 8mm - x50, 10mm - x30 and 12mm - x15.

Spring Washers (diameter):
4mm - x120, 5mm - x100, 6mm - x80, 8mm - x50, 10mm - x30 and 12mm - x15.

Type	Average Quantity	Order Code SEN-615
Flat & Spring Washer Kit	790	-3810K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Fix-it Kits

Plain Washers - Metric

Contents: M5, M6, M8, M10 and M12mm.

Washer Type	Average Quantity	Order Code KEN-615
Plain	1500	-4230K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Square Section Spring Washers - Metric BZP

Contents:
M5, M6, M8, M10 and M12.

Washer Type	Weight each	Order Code KEN-615
Square Spring	915g	-4240K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Panel Clips

Contents:
U-Type: No.6, No.8, No.10, No.12 and No.14,
J-Type: No.6, No.8, No.10, No.12 and No.14.

Washer Type	Average Quantity	Order Code KEN-615
Panel Clips	300	-4480K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Starlock Washers, Uncapped - Inch

Contents: 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" and 3/4".

Washer Type	Average Quantity	Order Code KEN-615
Starlock	585	-4320K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Mudguard Washers - Metric

Contents: M5, M6, M8 and M10mm.

Type	Avg Qty	Weight each	Order Code KEN-615
Metric	220	1.45kg	-4270K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Plain Copper Washers - Metric

Contents: M5, M6, M8, M10 and M12mm.

Washer Type	Average Quantity	Order Code KEN-615
Copper	300	-4690K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Brass Cup Washers - Metric

Contents: No. 4, 6, 8, 10, 12 and 14mm.

Washer Type	Average Quantity	Order Code KEN-615
Cup	465	-4330K N/A

KENNEDY QUALITY INDUSTRIAL TOOLING Threading Inserts

Range includes 1xD, 1.5xD and 2xD lengths (ISO Metric threads). Our quality inserts are now supplied in packs of 10 or 50. Other sizes and lengths are available on request, please ask for further information.

ISO Metric Threads

Packs of 10 Inserts Insert Length	Packs of 50 Inserts Thread x Pitch	Clearance Drill (mm)	Order Code KEN-620	Order Code KEN-620
1xD	M3 x 0.50	3.20	-5502K	-7402K
	M4 x 0.70	4.20	-5504K	-7404K
	M5 x 0.80	5.20	-5505K	-7405K
	M6 x 1.00	6.20	-5506K	-7406K
	M7 x 1.00	7.20	-5507K	-7407K
	M8 x 1.00	8.30	-5508K	-7408K
	M8 x 1.25	8.30	-5509K	-7409K
	M10 x 1.00	10.25	-5512K	-
	M10 x 1.25	10.25	-5513K	-7413K
	M10 x 1.50	12.25	-5514K	-7414K
1.5xD	M3 x 0.50	3.20	-6010K	-7510K
	M4 x 0.70	4.20	-6030K	-7530K
	M5 x 0.80	5.20	-6050K	-7550K
	M6 x 1.00	6.20	-6070K	-7570K
	M7 x 1.00	7.20	-6090K	-7590K
	M8 x 1.00	8.20	-6110K	-7610K
	M8 x 1.25	8.30	-6120K	-7620K
	M10 x 1.00	10.25	-6140K	-7640K
	M10 x 1.25	10.25	-6150K	-7650K
	M10 x 1.50	10.25	-6160K	-7660K
	M12 x 1.25	12.25	-6180K	-7680K
	M12 x 1.50	12.25	-6190K	-7690K
	M12 x 1.75	12.50	-6200K	-7700K
	M14 x 1.25	14.25	-6220K	-7720K
	M14 x 1.50	14.25	-6230K	-7730K
	M14 x 2.00	14.50	-6240K	-7740K
	M16 x 1.50	16.50	-6260K	-7760K
	M16 x 2.00	16.50	-6270K	-7770K
2xD	M3 x 0.50	3.20	-6302K	-7802K
	M4 x 0.70	4.20	-6304K	-7804K
	M5 x 0.80	5.20	-6305K	-7805K
	M6 x 1.00	6.20	-6306K	-7806K
	M7 x 1.00	7.20	-6307K	-7807K
	M8 x 1.00	8.20	-6308K	-7808K
	M8 x 1.25	8.30	-6309K	-7809K
	M10 x 1.00	10.25	-6312K	-7812K
	M10 x 1.25	10.25	-6313K	-7412K
	M10 x 1.50	12.25	-6314K	-7814K

KENNEDY QUALITY INDUSTRIAL TOOLING Thread Repair Kit - New Style

This wire insert thread repair kit is suitable for both new projects and repairs. It effectively restores stripped, worn, or damaged threads with internal threads that are stronger than most parent materials. The kit features an easy-to-use design and includes all the essential tools, including aircraft-quality stainless steel inserts. It comes in a durable box with a moulded inlay to keep the components protected during transport and storage, making it an ideal choice for engineering, automotive, repair, and OEM applications.

Thread Form	Thread Size	Order Code KEN-621
Metric	M3 x 0.50	-1125R
Metric	M4 x 0.70	-1165R
Metric	M5 x 0.80	-1205R
Metric	M6 x 1.00	-1245R
Metric	M7 x 1.00	-1285R
Metric	M8 x 1.00	-1325R
Metric	M8 x 1.25	-1345R
Metric	M10 x 1.00	-1405R
Metric	M10 x 1.25	-1425R
Metric	M10 x 1.50	-1435R
Metric	M12 x 1.25	-1485R
Metric	M12 x 1.50	-1495R
Metric	M12 x 1.75	-1505R

Thread Repair
See our range
Scan the QR code

MATLOCK Zinc-Plated Hose Clips BZP

Non-slip worm drive. Precision manufactured from the finest steel to **DIN 3017**. Passivated zinc finish to give double protection. For automotive, gas, plumbing and agricultural applications.

ZINC-PLATED

Size	Capacity	Order Code MTL-662
0	8-16	**-5050K**
M00	10-16	**-5070K**
00	12-20	**-5090K**
0	12-22	**-5110K**
0X	16-27	**-5130K**
A	20-32	**-5150K**
1	23-35	**-5160K**
1X	25-40	**-5170K**
2A	32-50	**-5190K**
2	40-55	**-5210K**
2X	40-60	**-5230K**
3	50-70	**-5250K**
3X	60-80	**-5270K**
4	70-90	**-5290K**
4X	80-100	**-5310K**
5	90-110	**-5330K**
6	110-120	**-5350K**
6X	120-140	**-5370K**

MATLOCK Zinc-Plated Hose Clip Sets

50 piece set contains sizes 000 to size 2X. (8mm to 60mm dia.). 4 x 000 - quantities as below.

100 piece set contains double these quantities.

4 x OOO 4 x MOO 6 x OO 4 x O	3 x OX 3 x 1A 5 x 1 3 x 1X 2 x 2A 3 x 2	2 x 2X 2 x 3 1 x 3X 2 x 4 1 x 4X	1 x 5 1 x 6 1 x 6X 1 x 7 1 x 8

ZINC-PLATED

Number of Pieces	Weight each	Order Code MTL-662
50	1.50Kg	**-5950K**
100	3.00Kg	**-5990K**

MATLOCK Stainless Steel Hose Clips

Clamps incorporate rolled band edges that won't cut hose, stamped threads for uniform tensioning and one-piece stamped worm housing for superior strength. Precision manufactured from the finest steel to **DIN 3017.**

STAINLESS STEEL

Size	Capacity (mm)	Order Code MTL-662
000	8-12	**-4050K**
M00	10-16	**-4070K**
00	12-20	**-4090K**
0	12-22	**-4110K**
0X	16-27	**-4130K**
1A	30-32	**-4150K**
1	23-35	**-4160K**
1X	25-40	**-4170K**
2A	32-50	**-4190K**
2	40-55	**-4210K**
2X	40-60	**-4230K**

MATLOCK Stainless Steel Hose Clip Set

Contains sizes 000 to size 2X. (8mm to 60mm dia.).

STAINLESS STEEL

4 x OOO 4 x MOO 8 x OO	6 x O 5 x OX 4 x 1A	5 x 1 4 x 1X	3 x 2A 3 x 2X

Number of Pieces	Weight each	Order Code MTL-662
50	700g	**-5960K**

MATLOCK Hose Clip Service Set

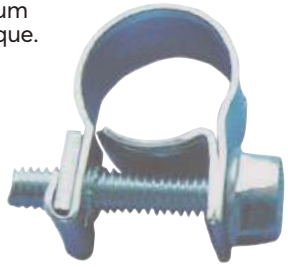
Manufactured from zinc-plated mild steel. Supplied in service case with Flex-Driver.
30 x 000
30 x M00
25 x 0
25 x 0X
12 x1A
12 x 1X
6 x 2A

Number of Pieces	Order Code MTL-662
140	**-6000K**

MATLOCK Nut & Bolt Clips

'Junior' Style
Mild zinc protected nut and bolt clips. Ideal for use on petrol pipes and small bore hoses. 7mm A/F screw, 1.2Nm maximum tightening torque.

ZINC-PLATED



Size	Capacity (mm)	Order Code MTL-662
J09	7-9	**-8060K**
J10	8-10	**-8070K**
J11	9-11	**-8080K**
J12	10-12	**-8090K**
J14	12-14	**-8110K**
J15	13-15	**-8120K**
J16	14-16	**-8130K**

MATLOCK Nut & Bolt Clips Sets

Assorted clip sets.
Capacity:
7 to 20mm.

Number of Pieces	Order Code MTL-662
160	**-8190K**

MATLOCK Nut & Bolt Clips

'Junior' Style
Ideal for use on petrol pipes and small bore hoses. 7mm A/F screw, 1.2Nm maximum tightening torque.

ZINC-PLATED

Nut & Bolt Clips Sets
Assorted clip sets.
Capacity:
7 to 20mm.

Size	Capacity (mm)	Order Code MTL-662
J13	11-13	**-8100K**
J17	15-17	**-8140K**
J18	16-18	**-8150K**
Number of Pieces		
65		**-8180K**

MATLOCK O-Clips

Manufactured from zinc-plated mild steel. Medium pressure clamp, widely used for maintenance and OEM applications. Rubber hose, plastic tubing, coaxial and electrical cable are easily clamped. Suitable for use on air, fluid, gas and steam lines also low pressure hydraulics applications. One-piece design offers a positive, tamperproof seal without damage to the hose, assure adequate closure and compensate for tolerance variations in hose sizes.

Pack quantity: 100.

Double Ear

N.B. Gas hoses should only be assembled by professionally qualified fitters

Size	Capacity (mm)	Order Code MTL-662
	Double Ear Style	
9T	7 - 9	**-7060K**
11T	8 - 11	**-7070K**
13T	11 - 13	**-7090K**
15T	13 - 15	**-7100K**
18T	15 - 18	**-7120K**
20T	17 - 20	**-7140K**
23T	20 - 23	**-7160K**
	Single Ear Style	
9S	7 - 9	**-6920K**
10S	8 -10	**-6930K**
11S	9 - 11	**-6940K**
12S	10 - 12	**-6950K**
13S	11 - 13	**-6960K**
14S	12 - 14	**-6970K**
16S	14 - 16	**-6980K**
18S	16 - 18	**-6990K**

MATLOCK Welding Hose Clip Sets

Manufactured from zinc-plated mild steel.

75 Piece Double Ear O-Clip Assorted Set
Size range:
9T to 18T

165 Piece Double Ear O-Clip & Pincer Kit
Size range:
13T to 20T

Number of Pieces	Order Code MTL-662
75	**-7200K**
165	**-7210K**

MATLOCK Rubber-Lined P-Clips

All clips lined in EPM rubber which is fully resilient to oils and extreme temperatures (-50°C to 160°C). Applications include automotive engine compartment and chassis, electrical cables, pipework, ducting, refrigeration and machine installations.

Capacity (mm)	Order Code MTL-662
Mild Steel - Zinc-Plated	
4	**-8520K**
5	**-8530K**
6	**-8540K**
8	**-8550K**
10	**-8560K**
13	**-8570K**
16	**-8580K**
19	**-8590K**
21	**-8600K**
22	**-8610K**
25	**-8620K**
27	**-8630K**
30	**-8640K**
32	**-8650K**
35	**-8660K**
38	**-8670K**
40	**-8680K**

SENATOR QUALITY TOOLING Hose Clip Assortment Kit

Supplied in a transparent plastic box.

Contents:
12.7mm - 5
16mm - 7
19mm - 10
22mm - 4
25mm - 3
27mm - 3
35mm - 4
38mm - 4

Number of Pieces	Order Code SEN-615
40	**-2200K N/A**

Hose Clips

See our range

Scan the QR code

Miscellaneous

Keeping Industry Working™

Product Groups

708 - 992

Contents

Description	Group	Page
ADHESIVES & SEALANTS		
- Bonding Tapes	980	**591**
- Cartridge Applicators Guns	715	**538**
- Industrial Tapes	981	**593**
- Masking Tapes	980	**591**
- Message Tapes	980 / 983	**592**
- 'O' Rings	726	**538**
CLEANING & HYGEINE		
- Bleach & Disinfectant	780	**559**
- Sacks	918	**572**
- Soap Dispenser & Hand Care	780	**560**
- Multi-Purpose Tools	907	**570**
- Wooden Brushware	907	**571**
LUBRICANTS & CHEMICALS		
- Chain Drive & Leak Detection	732	**541**
- Hot Dip Coating	708	**537**
- Line & Paint Markers	734	**544**
- Multi-Purpose Spray	732	**540 - 542**
- Penetrants & Welding Fluids	732	**543**
- Permanent Markers	734	**544**
- Silicone Lubricants	732	**542**
- Solvent Based Cleaners	727 / 732	**539**
OFFICE SUPPLIES & PACKAGING		
- Furniture & Packaging	811	**561**
- Packaging - Wraping & Fillers	830	**563**
- Packaging / Adhesive Tapes	981	**594**
- Packaging Materials	979	**590**
- Protective Sleeving	956	**588**
- Security - Safes	820	**562**

Description	Group	Page
SITE MAINTENANCE		
- Anti-Fatigue / Anti-Slip Matting	946	**576**
- Anti-Slip Floor Threads	964	**589**
- Architectural Hardware	950	**583**
- Entrance Matting	946	**577**
- Hand Wire Brushes	906	**569**
- Hazard Tapes	964	**589**
- Ladders & Access Equipment	939	**573**
- Lockout & Tagout Systems	950	**584 - 587**
- Mechanical Lifting	941	**574**
- Oil & Chemical Storage	741	**545 - 546**
- Padlocks	950	**578 - 581**
- Padlock Stations	950	**582**
- Site Lights	282	**536**
- Spill Control	742	**548 - 558**
- Spill & Waste Management	741	**547**
- Torches	904	**567 - 568**
- Traffic Management	992	**598 - 599**
STORAGE & HANDLING		
- Trolleys	985	**595**
- Handling	985	**596 - 597**
WELDING		
- Arc Welder Accessories & Spares	885	**565**
- Gas Welding & Cutting	884	**564**
- TIG Welder Accessories & Spares	885	**566**

Lubricants & Chemicals

Discover our premium range of lubricants and chemicals. Whether you need high-performance engine oils, multipurpose greases, or specialty chemicals like cleaning agents and rust inhibitors, our products are designed to meet the demanding needs of various industries.

Cleaning & Hygiene

Elevate your cleaning routine with our comprehensive range of janitorial and hygiene products. From powerful disinfectants and eco-friendly cleaners to durable cleaning tools and personal protective equipment, we provide everything you need to maintain pristine spaces.

Office Supplies & Packaging

Streamline your workspace with our extensive selection of office supplies and packaging solutions. Our high-quality supplies are designed to meet the demands of any office environment, ensuring you stay organised and efficient. With a focus on durability and functionality, our packaging options offer versatility for all your shipping and storage needs.

Welding

Welding machines to durable electrodes and protective gear, we provide everything you need to achieve exceptional results in any welding application. Our extensive range includes MIG, TIG, and stick welding supplies. With a focus on quality and innovation, our products ensure strong, reliable welds every time.

Site Maintenance

Our durable products are designed to withstand the rigors of any environment, ensuring reliability and longevity. Whether you're managing landscaping, construction, or facility upkeep, our selection helps you tackle every challenge with ease. Prioritize safety and productivity on your site

Halo®

Committed to safety. Committed to change.

Halo is our commitment to keeping your people safe. Every one of them.

We've developed a safety range designed to meet the needs of a modern diverse workforce. Protective, well-fitting and comfortable whatever the size, shape or gender of the wearer. All our products are certified to comply with the latest standards. But most importantly, Halo places the needs of your people at the centre.

Because everyone deserves to be protected.

SITE LIGHTS

KOBE COB LED Telescopic Worklights

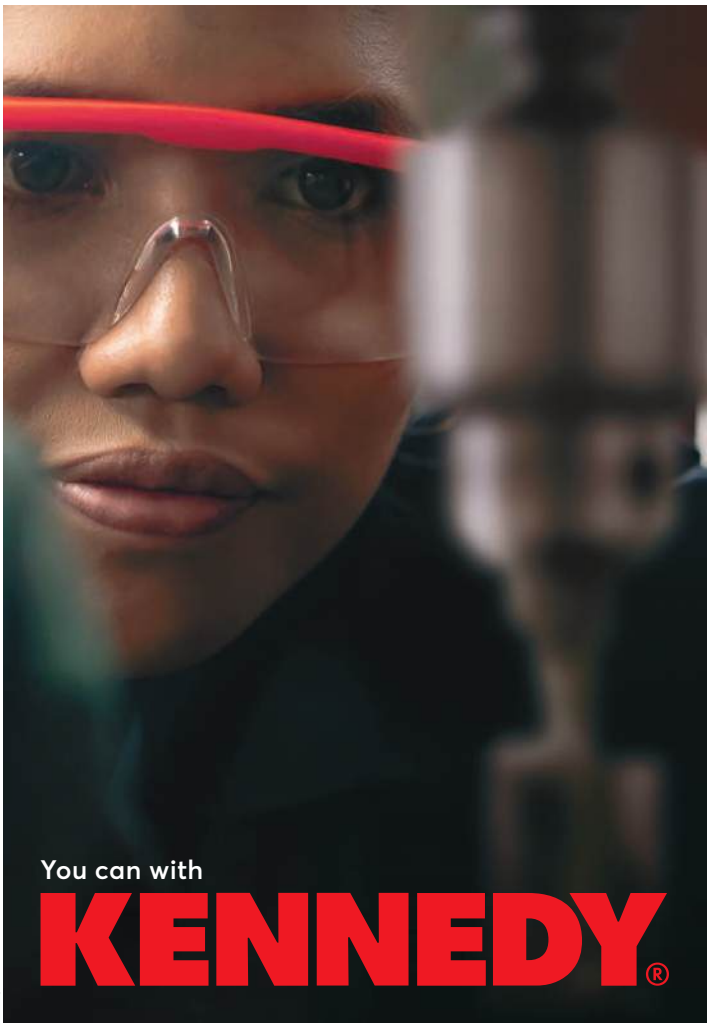
Featuring eco-friendly COB LED with low consumption.
- 20W COB LED (200W halogen)
- 1400 Lumens
- Beam: 120°
- Cable length: 1.5m
- Supplied with folding tripod
- IP65

Volts V	Type	Order Code KBE-282
240	Single	**-5400K**
240	Twin	**-5420K**

KOBE Rechargable COB LED Floodlight

Featuring aluminium die-cast alloy body with stainless steel external fixings and toughened glass.
- 10W COB LED (=100W halogen)
- 12V-240V
- 700 Lumens
- Beam: 120°
- Max. charging time: 5hrs
- Dimensions (H x W x D): 250 x 145 x 165mm
- Supplied with: main charger, in-car charger, 4x international plug adaptor and stand
- IP65

Wattage W	Lumens lm	Order Code KBE-282
100	700	**-5500K**



Protective Coating Red-Hot-Dip

Hot dip strippable plastic coating moulds itself around the component or tool being coated to provide 100% coverage and protects against corrosion and impacts, for up to ten years.
The component protected can be easily identified through the translucent coating. Simply removed by peeling it off, leaves behind a thin oil film to provide short term protection against corrosion. The removed protective dip can be reused. Never directly apply heat to melt the protective dip, always use with a suitable melting pot. Working temperature 130°C to 160°C (for optimum results 140°C to 145°C).

AD160
Amber

RD160
Red

Description (Bars)	Weight each	Order Code KEN-708
RD160 Single Bar	0.50kg	**-0050K**
RD160 Case (50)	25.00kg	**-0250K**
AD160 Single Bar	0.50kg	**-0500K**
AD160 Case (50)	25.00kg	**-0550K**

Power. Precision. Perfection.

KOBE™

CARTRIDGE APPLICATOR GUNS & 'O' RINGS

KENNEDY QUALITY INDUSTRIAL TOOLING Sealant Cartridge Applicator Guns

Economy Plastic Gun - C3
Robust, easy to use. Smooth action.

Colour may vary

Type	Cartridge (max size)	Order Code **KEN-715**
C3	310ml	**-1200K**

KENNEDY QUALITY INDUSTRIAL TOOLING Professional Metal Guns

Extremely robust and ideal for continuous use.
Will not twist under pressure.
Smooth action for optimum application of sealant.

Colour may vary

Type	Cartridge (max size)	Order Code **KEN-715**
C3	310ml	**-1000K**
C4	400ml	**-2000K**

KENNEDY QUALITY INDUSTRIAL TOOLING Ergonomic Sealant Applicator Gun

Heavy Duty Metal Gun - C3
Extremely robust and ideal for continuous use. Will not twist under pressure, ergonomically designed to reduce operator fatigue. Smooth action for optimum application of sealant.

Colour may vary

Type	Cartridge (max size)	Order Code **KEN-715**
C3	310ml	**-1400K**

SHERLOCK QUALITY SEALANTS Nitrile 'O' Ring Service Kits

Inch 'O' Rings manufactured to **BS1806**.
Metric 'O' Rings manufactured to **DIN 7715** standards.

Both kits are supplied in a durable storage box with sunken cavities for the simple location of the correct sized rings.

Size range
Inch kit:
1/8" - 2"
Metric kit:
3mm - 50mm

Product Number	Type	Number of Pieces	Order Code **SHK-726**
OR1	Inch	407	**-5510K**
OR2	Metric	419	**-5520K**

SOLVENT BASED CLEANERS & DEGREASERS

Just Orange

Citrus-Based Solvent Degreaser
A powerful, citrus-based solvent degreaser for the cleaning and degreasing of engineering components and equipment. Effectively removes heavy oils, greases, bitumen, wet paints, adhesives and sealants from virtually all hard surfaces. Contains no chlorinated or aromatic solvents.

Size	Container Type	Order Code SOL-727
5ltr	Jerry Can	-2810B N/A
20ltr	Drum	-2820C N/A

Orange Plus

Citrus-Based Water Rinseable Degreaser
A highly effective, water rinseable solvent degreaser for the removal of stubborn and heavy oils, greases, paints, inks, adhesive and resins from engineering components and equipment. Once cleaned, the contaminants can be rinsed away with water. Suitable for all metals. Contains no chlorinated or aromatic solvents. For use as an alternative to solvents.

Not recommended for use with Parts Washers

Size	Container Type	Order Code SOL-727
5ltr	Jerry Can	-2910B N/A
20ltr	Drum	-2920C N/A

Cleaner Spray

SC1-500B Industrial Rapid Dry
Formulated to quickly penetrate grease, oil and general soiling from metal/electrical components and precision parts. The formulation rapidly evaporates leaving a clean, dry surface. Safe on most plastic components. Will soften some lacquers. If in doubt about suitability test on a scrap component or a small area before general application.

Size	Container Type	Order Code SOL-732
500ml	Aerosol	-0100K N/A

Cleaner Spray

SC2-500C Electrical Contact Cleaner Spray - Trike-free
An effective solvent based cleaner. The product is formulated to remove oil, grease and carbon dust from electrical switch gear and electronic components. It is safe on most common plastic parts, but will attack lacquer finishes and coatings. If in doubt, trial the product on a scrap sample first before general application. Electrical Switch Cleaner fluid is flammable. Always ensure power is switched off before applying this product to electrical equipment.

Size	Container Type	Order Code SOL-732
400ml	Aerosol	-0120K N/A

Galvanising Spray

Cold Zinc - SZ1-500B
Ideal for protecting welding joints in galvanised structures. Can be used as a top coat or primer. Compatible with most paint finishes. Contains no CFCs or lead. Fitted with directional spray button designed to assist application in outdoor locations with minimum over-spray.

Colour	Size	Order Code SOL-732
Silver	500ml	-0900K N/A

Dry Moly Spray

SD1-500B
Premium grade dry molybdenum particle lubricant. Fast drying. Ideal for fastener lubrication. Effective on all grades of steel, copper, brass, stainless steel and foundry equipment where high temperatures up to 450°C are common. Also for open gear lubrication and any location where a wet coating is not acceptable or would burn off. Works at up to load rates of 100,000psi. No silicone content.

Size	Container Type	Order Code SOL-732
500ml	Aerosol	-0200K N/A

Heavy Duty Anti-Rust Protection Spray

SP2-500B
Light brown in colour to identify treated surfaces. The film has self-healing properties and is easily removed with solvent cleaners. Coating resists moisture, acid and alkali fumes. The film does not contain silicone or halogens. Corrosion protection periods vary with environmental conditions. Typical interior protection in the UK in excess of two years.

Product Number	Size	Order Code SOL-732
SP2-500B	500ml	-0620K N/A

3-Part Flaw Inspection System

Fast reliable method for visually inspecting and spot-checking surfaces of welds, exotic alloys or standard metals, highly stressed structural members, critical castings, shafts, gears, spindles and any other hard part where identification of surface flaws is essential.

BIG VALUE 500ml Cans!

Flaw Detector Cleaner Spray

SF1-500B
Quick drying, powerful solvent for cleaning surfaces prior to testing. Removes contaminants including oils, greases and grime.

Size	Type	Order Code SOL-732
500ml	Aerosol	-0240K N/A

Flaw Detector Dye Penetrant

SF2-500B
Highly sensitive red dye, for use when detecting flaws on metal components under normal lighting conditions.

Size	Type	Order Code SOL-732
500ml	Aerosol	-0260K N/A

Flaw Detector Developer

SF3-500B
White film to highlight any faults which have been detected when using Flaw Detector Penetrant. The product should be removed using Flaw Detector Cleaner Spray once cracks have been found and marked.

Size	Type	Order Code SOL-732
500ml	Aerosol	-0280K N/A

Leak Detection Spray

Designed to identify even the smallest gaseous leak. Applies a thin uniform film of surface active agents. Bubbles in the film indicate the location of the leak.
Will not give a false reading if mechanical sensing equipment is used.

Size	Container Type	Order Code SOL-732
500ml	Aerosol	-0340K N/A

Chain & Drive Lubricant

SM6-500B
Ideal lubricant for moving chains under extreme load and for chains not fitted with automatic lubrication nor running in oil baths. Formulated with a 'tacky additive' to resist 'throw off' on rapidly moving chains and drives. Ideal for fork trucks/ conveyor systems/motorcycle chains or as a general-purpose lubricant for items subjected to extreme weather conditions or as a slide-way lubricant for machine tools. Strong anti-rust qualities. Does not contain silicone or CFCs.

Size	Container Type	Order Code SOL-732
500ml	Aerosol	-0500K N/A

Air Tool Lubricant

- Compatible with all air-operated tools
- Is low foaming to resist clogs
- Anti-rust and anti-wear additives extend tool life
- In-line lubricant can also be used on the air inlet

Size	Bottle	Order Code SOL-732
500ml	Bottle	-2974A N/A

AC-90 Maintenance Liquid

Displaces water, helps start damp engines, penetrates rust, protects from corrosion, lubricates and stops squeaks. Silicone free, electrically non-conductive and can be used on or near electrical components, motor circuits etc, without affecting insulation or causing short circuits. Aerosols that use no CFCs and are ozone friendly or in screw top metal cans and drums.

Does Not Contain Kerosene, Paraffin or Naphtha.

Size	Bottle	Order Code ACN-732
Aerosol CO2	250ml	-0050K N/A
Aerosol LPG	425ml	-0150K N/A
Aerosol CO2	500ml	-0180K N/A
Can	5ltr	-0200K N/A

Maintenance Spray

SM4-500C 'M4 Plus'

High performance mineral oil based lubricant with PTFE. Helps start damp engines. Releases rusty fixings. Cleans metal surfaces and prevents rusting of treated parts. Does not contain naphtha, kerosene or paraffin which are all associated with operator skin dryness, cracking or dermatitis. CO_2 non-flammable propellant. Does not contain silicone. Electrically non-conductive at normal ranges found in the home. Care must be taken if used on some electrical plastic components where 'crazing' may occur.

Size	Container Type	Order Code SOL-732
500ml	Aerosol	-0460K N/A

Sherwood STD

Fluid Spray

Non-soluble tapping and drilling aerosol spray that penetrates and clings to normally inaccessible areas and moving cutting edges.

Pages 101 - 103

Size	Container Type	Order Code SHR-732
400ml	Aerosol	-4000K N/A

STD Liquid (Poly Bottle)

Low odour liquid. Coats the cutting edge with a film of EP additives.

Sherwood STD Compound

Low melting point paste maintains a continual lubricant feed to the cutting edge. Hand applied. Suitable for the most severe cutting operations.

Type	Lubricant Size	Order Code SHR-732
Liquid	500ml	-4020K N/A
Liquid	5ltr	-4060K N/A
Compound	500g	-4040K N/A

Tapping & Drilling Non-Soluble Foam Lubricant

Foam aerosol penetrates and is able to cling to normally inaccessible areas and moving cutting edges. Can be used on yellow metals without the risk of staining.

Size	Container Type	Order Code SHR-732
400ml	Aerosol	-4210K N/A

Penetrating Spray

SM1-500B
Rapidly penetrates into rust and corroded fittings. Allows easy release and dismantling of fittings exposed to heat and great pressure. Can be used on wet metal components.

Size	Container Type	Order Code SOL-732
500ml	Aerosol	-0400K N/A

Welder's Anti-Spatter Spray

SW1-400C
Apply spray before welding to prevent spatter sticking to the metal. CO_2 propelled aerosol.

Multi-use fluid:
- Welding wire (MIG) lubricant
- Post weld corrosion protector
- Silicone and CFC free
- Easy to wipe or rub away
- Non flammable product and propellant

Product Number	Size	Order Code SOL-732
SW1-400C	400g	-0840K N/A

Welder's Anti-Spatter Fluid

Reduces the risk of joint puddling and greatly reduces preparation time prior to final painting. Does not affect any subsequent galvanising or painting operations. Evaporates under normal weld temperatures. Dichloromethane and silicone-free. Non-flammable, non-toxic, non-corrosive and biodegradable.

Size	Order Code SOL-732
5ltr	-9300K N/A
20ltr	-9310K N/A

Greases, Lubricants & Oils

See our range

Scan the QR code

Industrial Paint Markers

- For use in multiple marking applications
- Can be used on a variety of metals including greasy and rusted surfaces
- Suitable for use on plastic, glass, ceramics and wood
- Ballpoint roller nozzle prevents ink being spilled from the cap
- Refillable via bulk refills

•Size: 46ml

Colour	Order Code KEN-734
Yellow	-3020K N/A
White	-3040K N/A
Blue	-3060K N/A
Green	-3080K N/A
Black	-3100K N/A
Red	-3120K N/A
Orange	-3140K N/A

Kennedy Paint Marker Head Tips

Ball Size mm	Order Code KEN-734
2.4	-3500K N/A

Permanent Markers

Designed for use on all surfaces. Waterproof, low solvent content. Xylene-free.

PACK OF 10

Colour	Order Code KEN-734
Black	-5020K N/A
Blue	-5060K N/A
Red	-5040K N/A
Green	-5070K N/A

Micrometer Paste

Oil-based paste for indicating high spots on machine bearings, machine tool beds etc. Easily removable with methylated spirit.

Colour	Pack Size	Order Code MIR-734
Blue	32g Tube	-8810B
Blue	38g Tin	-8800A

Ink Refill Cans for Industrial Paint Markers

- For use in multiple marking applications
- Can be used on a variety of metals including greasy and rusted surfaces
- Suitable for use on plastic, glass, ceramics and wood

Size: 1ltr

Colour	Order Code KEN-734
Yellow	-3210K N/A
White	-3230K N/A

Line Marking Gun

Manufactured from reinforced nylon.
For offering trigger action to line marking spray cans, giving improved comfort during prolonged use.

Container Size	Order Code KEN-715
500ml	-6200K

Workfloors & Bunds

Our bunded flooring range is the flexible decking solution for creating liquid handling workstations & storage areas to fit your working environment. Each individual unit is compliant with current oil storage regulatory requirements.

Description	Dimensions	Sump	UDL	Weight each	Order Code **SOL-741**
Workfloor Ramp	65 x 80 x 16cm	-	1000kg	8.0kg	**-0200A**
4 Drum In Line Spill Pallet	261 x 89.5 x 15cm	300ltr	2000kg	42.0kg	**-0124C**
2 Drum Workfloor Pallet	126 x 86 x 15cm	130ltr	1000kg	20.0kg	**-0132A**
4 25ltr Container Bund	92 x 72 x 17.5cm	100ltr	200kg	15.0kg	**-0420C**

Description	Dimensions	Sump	UDL	Weight each	Order Code **SOL-742**
4 Drum Workfloor Pallet	166 x 126 x 15cm	300ltr	2000kg	38.0kg	**-8905D**

Spill Pallets

Heavy duty rotational moulded IBC spill pallets for single or double IBC storage applications. 100% polyethylene construction, corrosion resistant and with removable decking to assist cleaning they are suitable for most IBC footprints. Forklift pockets for ease of positioning and moving empty units.

Two Drum Spill Pallet
-0082A

Four Drum Spill Pallet
-0084C

Description	Dimensions	Size	Capacity	Weight	Order Code **SOL-741**
2 Drum Spill Pallet	122 x 82 x 33cm	240ltr	650kg	23.0kg	**-0082A**
4 Drum Spill Pallet	128 x 128 x 27.5cm	230ltr	1250kg	29.0kg	**-0084C**

OIL & CHEMICAL STORAGE / IBC STORAGE

Our extensive IBC spill containment range is specifically designed to meet the growing IBC end user market. Made from 100% corrosion free polyethylene these strong units are EC and UK compliant.

Poly Storage Cabinets

Poly storage cabinets with locks and shelves

100 Ltr -0040C

70ltr -0035B

Description	Dimensions	Sump	Weight	Order Code SOL-741
70ltr Poly Storage Cabinet	65 x 57 x 165cm	70ltr	1.10kg	**-0035B**
100ltr Poly Storage Cabinet	72 x 92 x 152cm	100ltr	1.10kg	**-0040C**

Our extensive IBC spill containment range is specifically designed to meet the growing IBC end user market. Made from 100% corrosion free polyethylene these strong units are EC and UK compliant..

Poly Storage Cabinets

- Poly storage cabinets with locks and shelves

Description	Dimensions	Capacity	Weight	Order Code SOL-741
30litr Poly Storage Cabinet	53 x 42 x 99cm	30ltr	15.0kg	**-0030A**

Blue Hazardous Waste Bags

Hazardous waste bags are suitable for safe disposal of absorbents that have been used. Bags contain a designated area for description of hazardous contents. The ties are used to contain all the hazardous waste inside the bag.

Pack Qty	Order Code SOL-741
50	**-7408L**
100	**-7408N**

Spill Barrier

This barrier can provide an easy and quick containment for leaked fluid. Made from non-absorbent polyurethane, this barrier is quick to install and has a sticky bottom edge. Washable and resistant to oils and most chemicals.

Size (cm x m)	Order Code SOL-741
6 x 3	**-1705F**

Spill Trays

These grated drip or spill trays contain spills. Should leakage occur, the liquid will be contained within the tray for easy disposal

20ltr Spill Tray without Grating -0950A

20ltr Spill Tray -0800A

40ltr Spill Tray -0804E

Description	Dimensions	Sump	UDL	Weight	Order Code SOL-741
20ltr Spill Tray with Grate	59.5cm x 39.5cm x 17cm	22ltr	55kg	3.5kg	**-0800A**
20ltr Spill Tray without Grating	59.5cm x 39.5cm x 17cm	22ltr	-	2.0kg	**-0950A**
40ltr Spill Tray with Grate	80.0cm x 60.5cm x 17cm	43ltr	105kg	7.0kg	**-0804E**
60ltr Spill Tray with Grate	100.0cm x 60.5cm x 20cm	63ltr	205kg	10.0kg	**-0806G**

SOLENT SPILL CONTROL Sustainable Absorbents

S

M Maintenance

Maintenance Sustainable absorbents are great for dealing with both oil and water as well as transmission fluid, hydraulic fluid, coolants, diesel fuel and many other fluids.

Pads

- Tested to **BS 7959-2:2000**

Size (cm)	Pack Qty	Pack Absorption	Order Code **SOL-742**
50 x 40	100	120ltr	**-2805G**

Rolls

- Tested to **BS 7959-2:2000**

Size (cm x m)	Pack Absorption	Order Code **SOL-742**
37 x 40	130ltr	**-2800A**

Socks

- Tested to **BS 7959-2:2000**

Size (cm x m)	Pack Qty	Pack Absorption	Order Code **SOL-742**
7.5 x 1.2	20	100ltr	**-2810R**

O Oil-Only

Oil-Only Sustainable absorbents are great for dealing with oil as well as transmission fluid, hydraulic fluid, coolants, diesel fuel and many other fluids, but not water.

Pads

- Tested to **BS 7959-2:2000**

Size (cm x m)	Pack Qty	Pack Absorption	Order Code **SOL-742**
50 x 40	100	120ltr	**-2835G**

Rolls

- Tested to **BS 7959-2:2000**

Size (cm x m)	Pack Absorption	Order Code **SOL-742**
37 x 40	115ltr	**-2830A**

Socks

- Tested to **BS 7959-2:2000**

Size (cm x m)	Pack Qty	Pack Absorption	Order Code **SOL-742**
7.5 x 1.2	20	80ltr	**-2840L**

Drain Protection

Drain Cover - Neoprene

This neoprene drain mat offers effective drain protection, is lightweight, easy to use and has good chemical resistance.

Size (m)	Order Code SOL-742
1 x 1	**-3250A**

Drain Cover Carry Bag - Polyurethane

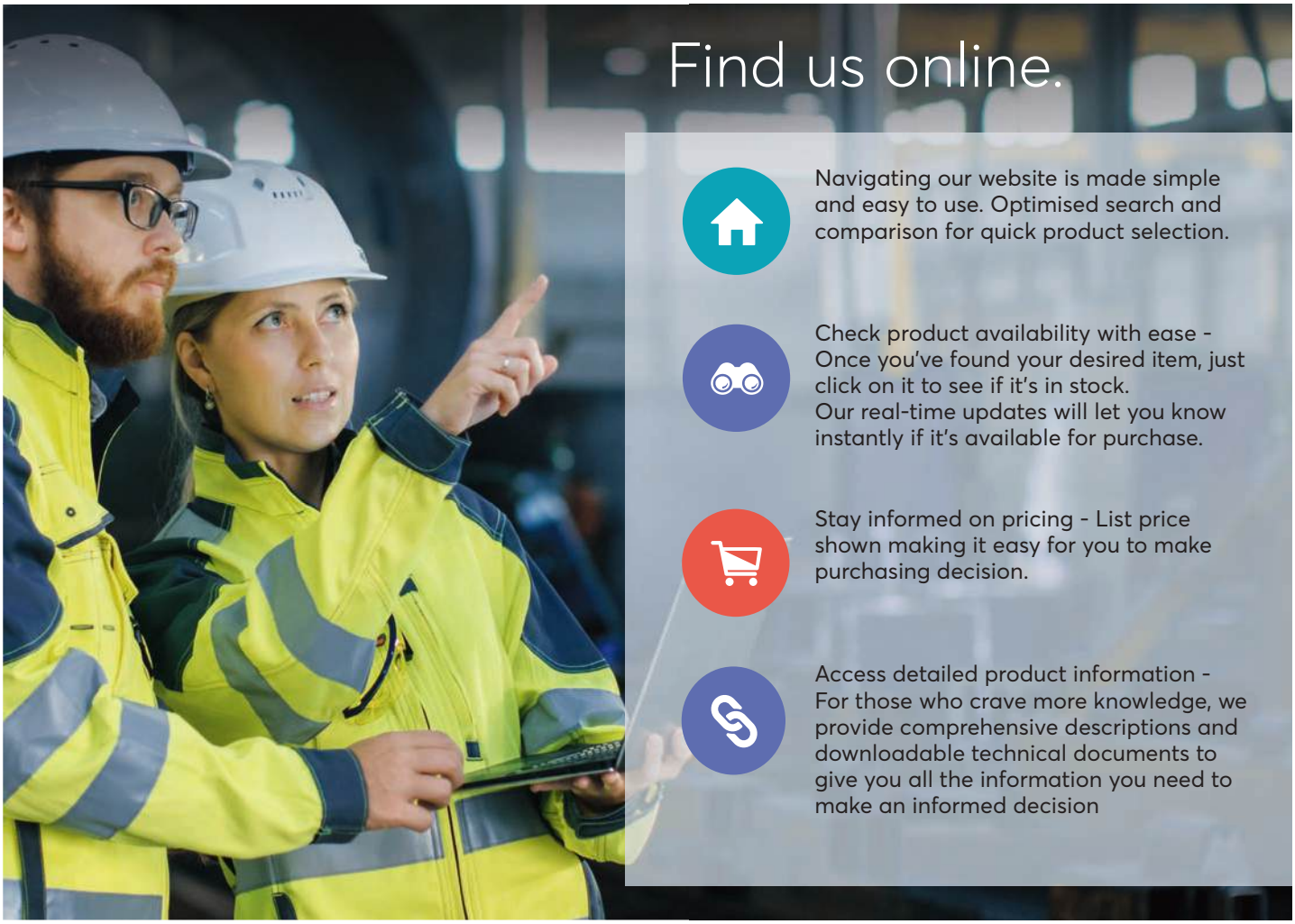
Polyurethane Drain Cover in a vinyl weather resistant bag.
Contents:
1x Polyurethane drain cover
1x Drum plug compound mix to help seal the edges of the mat.

Size (cm)	Order Code SOL-742
61 x 61	**-3275X**
91 x 91	**-3280R**

Drain Cover - Polyurethane

Re-usable polyurethane (PU) drain cover, resistant to most corrosive liquids, fuels,solvents and oils.
Suitable for temperatures between -40°C to 150°C.

Size (cm)	Order Code SOL-742
46 x 46	**-3260K**
61 x 61	**-3265T**



Oil-Only Absorbents

Many situations require a permanent supply of absorbents to be on hand. Solent Plus™ spill kits are a cost-effective answer to this requirement. Oil-Only Spill Kits range in capacity from 10ltr up to 1,000ltr. They are packed with sufficient absorbents to cope with a spill up to the size shown.

Absorbent Pads

- Tested to **BS 7959-2:2000**

Size (cm)	Pack Qty	Pack Absorption	Order Code SOL-742
50 x 40	50	40ltr	-1960K
50 x 40	100	80ltr	-1965P
50 x 40	200	100ltr	-1670R

Absorbent Rolls

- Tested to **BS 7959-2:2000**

Size (cm x m)	Pack Absorption	Order Code SOL-742
38 x 40	60ltr	-1910B
50 x 40	80ltr	-1955F
80 x 40	126ltr	-1675Z

Eco Slot Box

Perforated Sheets on a roll

- Tested to **BS 7959-2:2000**

Size (cm x m)	Pack Absorption	Order Code SOL-742
38 x 22	44ltr	-1920C

PVC Backed Pads

- Tested to **BS 7959-2:2000**

Size (cm)	Pack Qty	Pack Absorption	Order Code SOL-742
50 x 40	100	80ltr	-1950A

Pillows

- Tested to **BS 7959-2:2000**

Size (cm)	Pack Qty	Pack Absorption	Order Code SOL-742
38 x 23	16	64ltr	-1825A

Socks

Polypropylene with polypropylene sleeve.

- Tested to **BS 7959-2:2000**

Size (cm x m)	Pack Qty	Pack Absorption	Order Code SOL-742
7.5 x 1.2	20	100ltr	-1800A
7.5 x 3	8	100ltr	-1805F

Booms

A secured rope runs along one side to prevent twisting, can be easily connected together to form a longer protective barrier with rustproof end rings.

- Tested to **BS 7959-2:2000**

Size (cm x m)	Pack Qty	Pack Absorption	Order Code SOL-742
13 x 3	4	120ltr 320ltr	-1840A
20 x 3	4	320ltr	-1845F

Heavy Duty Oil-Only Absorbents

Absorbent pads and rolls, ideal for large spill

Extra Pads

- Tested to **BS 7959-2:2000**

Size (cm)	Pack Qty	Pack Absorption	Order Code SOL-742
50 x 40	100	120ltr	-1870A

Extra Rolls

- Tested to **BS 7959-2:2000**

Size (cm x m)	Pack Absorption	Order Code SOL-742
50 x 40	120ltr	-1875G

Chemical Absorbents

C

Many situations require a permanent supply of absorbents to be on hand. Solent Plus™ spill kits are a cost-effective answer to this requirement. Chemical Spill Kits range in capacity from 10ltr up to 1,000ltr. They are packed with sufficient absorbents to cope with a spill up to the size shown.

Absorbent Pads

- Tested to **BS 7959-2:2000**

Size (cm)	Pack Qty	Pack Absorption	Order Code **SOL-742**
50 x 40	50	40ltr	**-2290K**
50 x 40	100	80ltr	**-2280A**
50 x 40	200	160ltr	**-2285G**

Absorbent Rolls

- Tested to **BS 7959-2:2000**

Size (cm x m)	Pack Absorption	Order Code **SOL-742**
50 x 40	80ltr	**-2295R**
80 x 40	126ltr	**-2298T**

Pillows

- Tested to **BS 7959-2:2000**

Size (cm)	Pack Qty	Pack Absorption	Order Code **SOL-742**
38 x 23	16	64ltr	**-2350A**

Socks

Polypropylene with polypropylene sleeve

- Tested to **BS 7959-2:2000**

Size (cm x m)	Pack Qty	Pack Absorption	Order Code **SOL-742**
7.5 x 1.2	20	100ltr	**-2320A**
7.5 x 3	8	100ltr	**-2325G**

Heavy Duty Extra Pads

- Tested to **BS 7959-2:2000**

Size (cm)	Pack Qty	Pack Absorption	Order Code **SOL-742**
50 x 40	100	120ltr	**-2400A**

Heavy Duty Extra Rolls

- Tested to **BS 7959-2:2000**

Size (cm)	Pack Absorption	Order Code **SOL-742**
50 x 40	120ltr	**-2405G**

Spill Kits - Oil-Only

Many situations require a permanent supply of absorbents to be on hand. Solent Plus™ spill kits are a cost-effective answer to this requirement. Oil-Only Spill Kits range in capacity from 10ltr up to 1,000ltr. They are packed with sufficient absorbents to cope with a spill up to the size shown.

10ltr Kit - Holdall

10 Ltr

Kit contains:
- 10 x Absorbent pads
- 1 x Absorbent 1.2m sock
- 1 x 1kg Putty Seal pre-mixed drum plug mix
- 2 x Hazardous waste disposal bags and ties
- 1 x Vinyl holdall
- Tested to **BS 7959-2:2000**

Size HxWxD	Order Code SOL-742
39x46x12cm	-1620C

15ltr Kit - Carrier

15 Ltr

Kit contains:
- 12 x Absorbent pads
- 1 x Absorbent 1.2m sock
- 1 x Hazardous waste disposal bags and ties
- 1 x Clip top carrier
- Tested to **BS 7959-2:2000**

Size HxWxD	Order Code SOL-742
59x70x5cm	-1600A

20ltr Kit - Holdall

20 Ltr

Kit contains:
- 13 x Absorbent pads • 2 x Absorbent 1.2m socks
- 4 x Hazardous waste disposal bags and ties
- 1 x Vinyl holdall • Tested to **BS 7959-2:2000**

Size HxWxD	Order Code SOL-742
56x22x21cm	-1630D

25ltr Kit - Caddy Bin

25 Ltr

Kit contains:
- 15 x Absorbent pads
- 1 x Absorbent 1.2m sock
- 2 x Absorbent pillows
- 4 x Hazardous waste disposal bags and ties
- 1 x Caddy bin
- Tested to **BS 7959-2:2000**

Size HxWxD	Order Code SOL-742
43x26x27cm	-7611M

35ltr Kit - Cube Bag

35 Ltr

Kit contains:
- 15 x Absorbent pads
- 2 x Absorbent 3.0m socks
- 1 x Hazardous waste disposal bags and ties
- 1 x Cube bag
- Tested to **BS 7959-2:2000**

Size HxWxD	Order Code SOL-742
33x35x19cm	-1650F

50ltr Kit - Holdall

50 Ltr

Kit contains:
- 35 x Absorbent pads
- 3 x Absorbent 1.2m socks
- 2 x Absorbent pillows
- 5 x Hazardous waste disposal bags and ties
- 1 x Vinyl Holdall
- Tested to **BS 7959-2:2000**

Refill
Absorbents and bags only, as listed above

Type	Size HxWxD	Order Code SOL-742
Spill Kit	58x71x15cm	-1640E
Refill	-	-2000A

90ltr Kit - Circular Bin

90 Ltr

Kit contains:
- 48 x Absorbent pads
- 8 x Absorbent 1.2m socks
- 1 x 1kg ready drum compound plug
- 1 x Hazardous waste disposal bags and ties
- 1 x PE Circular bin
- Tested to **BS 7959-2:2000**

Refill
Absorbents and bags only, as listed above.

Type	Size HxWxD	Order Code SOL-742
Kit Refill	72x55x55cm	-1655L

Spill Kits - Chemical

Many situations require a permanent supply of absorbents to be on hand. Solent Plus™ spill kits are a cost-effective answer to this requirement. Chemical Spill Kits range in capacity from 10ltr up to 1,000ltr. They are packed with sufficient absorbents to cope with a spill up to the size shown.

15ltr Kit - Carrier

15 Ltr

Kit contains:
- 12 x Absorbent pads
- 1 x Absorbent 1.2m sock
- 1 x Hazardous waste disposal bags and tie
- 1 x Clip top carrier
- Tested to **BS 7959-2:2000**

Size HxWxD	Order Code SOL-742
59X70X54cm	-2105G

35ltr Kit - Cube Bag

35 Ltr

Kit contains:
- 15 x Absorbent pads
- 2 x Absorbent 3.0m socks
- 1 x Hazardous waste disposal bags and tie
- 1 x Cube bag
- Tested to **BS 7959-2:2000**

Size HxWxD	Order Code SOL-742
33X35X19cm	-2120G

20ltr Kit - Holdall

20 Ltr

Kit contains:
- 13 x Absorbent pads
- 2 x Absorbent 1.2m socks
- 4 x Hazardous waste disposal bags and ties
- 1 x Vinyl holdall
- Tested to **BS 7959-2:2000**

Size HxWxD	Order Code SOL-742
22x56x21cm	-2110L

50ltr Kit - Holdall

50 Ltr

For quick response to smaller spills.

Kit contains:
- 35 x Absorbent pads
- 3 x Absorbent 1.2m socks
- 2 x Absorbent pillows
- 5 x Hazardous waste disposal bags and ties
- 1 x Vinyl holdall
- Tested to **BS 7959-2:2000**

Refill
Absorbents and bags only, as listed above.

Type	Size HxWxD	Order Code SOL-742
Kit	58x71x15cm	-2125J
Refill	-	-2500A

25ltr Kit - Caddy Bin

25 Ltr

Kit contains:
- 15 x Absorbent pads
- 1 x Absorbent 1.2m sock
- 2 x Absorbent pillows
- 4 x Hazardous waste disposal bags and ties
- 1 x Caddy bin
- Tested to **BS 7959-2:2000**

Size HxWxD	Order Code SOL-742
43X26X27cm	-2115R

90ltr Kit - Circular Bin

90 Ltr

Kit contains:
- 48 x Absorbent pads
- 8 x Absorbent 1.2m socks
- 1 x 1kg ready drum compound plug
- 1 x Hazardous waste disposal bags and tie
- 1 x PE Circular bin
- Tested to **BS 7959-2:2000**

Refill
Absorbents and bags only, as listed above.

Type	Size HxWxD	Order Code SOL-742
Kit Refill	72x55x55cm	-2200A

SOLENT SPILL CONTROL Spill Kits - Sustainable

S

Our Sustainable absorbents are made from recycled fibres with an extra layer of meltblown polypropylene, they are Class A and retardant when the material is dry. Sustainable absorbents are not to be used on aggressive chemicals.

M Maintenance

50ltr Kit - Holdall

50 Ltr

Kit contains:
- 30 x Absorbent pads
- 3 x Absorbent 1.2m socks
- 8 x Absorbent pillows
- 10 x Hazardous waste disposal bags and ties
- 1 x Vinyl holdall
- Tested to **BS 7959-2:2000**

Size HxWxD	Order Code SOL-742
58x71x15cm	-2600A

120ltr Kit - Wheeled Bin

120 Ltr

Maintenance Spill Kit
Kit contains:
- 60 x Absorbent pads
- 4 x Absorbent 1.2m socks
- 8 x Absorbent pillows
- 10 x Hazardous waste disposal bags and ties
- 1 x Wheeled bin
- Tested to **BS 7959-2:2000**

Size HxWxD	Order Code SOL-742
95x47x54cm	-2605G

120ltr Kit - Wheeled Bin Chemical

120 Ltr

Kit contains:
- 75 x Absorbent pads
- 9 x Absorbent 1.2m socks
- 6 x Absorbent pillows
- 10 x Hazardous waste disposal bags and tie
- 1 x Wheeled bin
- Tested to **BS 7959-2:2000**

Refill
Absorbents and bags only, as listed above.

Audit Covers
Yellow, weatherproof PVC covers with elasticated cord to allow fitting over the top of wheeled bin spill kit. A4 sized clear pouch for inserting audit record sheet.

Type	Size HxWxD	Order Code SOL-742
Kit Refill Covers	95x47x54cm	-2130K
	-	-9001A

O Oil-Only

50ltr Kit - Holdall

50 Ltr

Kit contains:
- 30 x Absorbent pads
- 3 x Absorbent 1.2m socks
- 8 x Absorbent pillows
- 10 x Hazardous waste disposal bags and ties
- 1 x Vinyl holdall
- Tested to **BS 7959-2:2000**

Size HxWxD	Order Code SOL-742
58x71x15cm	-2650A

120ltr Kit - Wheeled Bin

120 Ltr

Oil Only Spill Kit
Kit contains:
- 60 x Absorbent pads
- 4 x Absorbent 1.2m socks
- 8 x Absorbent pillows
- 10 x Hazardous waste disposal bags and ties
- 1 x Wheeled bin
- Tested to **BS 7959-2:2000**

Size HxWxD	Order Code SOL-742
95x47x54cm	-2655F

Hand Towels & Wiper Rolls

See our range

Scan the QR code

Maintenance Absorbents

Maintenance Absorbent pads and rolls are an ideal solution to the regular maintenance and soaking up of small spills and leaks in the workplace, Black / Grey in colour, they absorb both water and oil based fluids. They are also an excellent item to supplement our Spill Kits and Spill Centres.

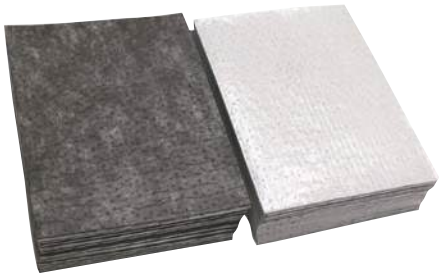
Pads

- Tested to **BS 7959-2:2000**

Size (cm)	Pack Qty	Pack Absorption	Order Code SOL-742
50 x 40	50	40ltr	**-0910P**
50 x 40	100	80ltr	**-0900A**
50 x 40	200	160ltr	**-0905H**

PVC Backed Pads

- Tested to **BS 7959-2:2000**



Size (cm)	Pack Qty	Pack Absorption	Order Code SOL-742
50 x 40	100	80ltr	**-0920Z**

Pillows

- Tested to **BS 7959-2:2000**

Size (cm)	Pack Qty	Pack Absorption	Order Code SOL-742
38 x 23	16	64ltr	**-1100A**

Rolls

- Tested to **BS 7959-2:2000**

Size (cm x m)	Pack Absorption	Order Code SOL-742
38 x 40	60ltr	**-0840D**
50 x 40	80ltr	**-0825G**
80 x 40	126ltr	**-0830L**

Socks

Polypropylene with polypropylene sleeve

- Tested to **BS 7959-2:2000**

Size (cm x m)	Pack Qty	Pack Absorption	Order Code SOL-742
7.5 x 1.2	20	100ltr	**-1000A**
7.5 x 3	8	100ltr	**-1010H**

Flat Socks

- Lies flat to the ground increasing fluid contact point
- With special inner polymer which enables 100% fluid retention
- Tested to **BS 7959-2:2000**

Size (cm x m)	Pack Qty	Pack Absorption	Order Code SOL-742
7.5 x 1.2	20	100ltr	**-1200A**

Eco Slot Box

Perforated Sheets on a roll

- Tested to **BS 7959-2:2000**

Size (cm x m)	Pack Absorption	Order Code SOL-742
38 x 22	44ltr	**-0800A**

Drum Top Pads

For 205ltr barrels these laminated drum top Absorbent Pads are fast acting, highly absorbent and the most cost effective absorbent, retaining their strength even when wet.

Size (cm)	Pack Qty	Pack Absorption	Order Code SOL-742
56 x 56	5	5ltr	**-1150A**

Heavy Duty Maintenance Absorbents

Absorbent pads and rolls, ideal for large spills.

Extra Pads

- Tested to **BS 7959-2:2000**

Size (cm)	Pack Qty	Pack Absorption	Order Code SOL-742
50 x 40	100	120ltr	**-0915T**

Extra Rolls

- Tested to **BS 7959-2:2000**

Size (cm x m)	Pack Absorption	Order Code SOL-742
50 x 40	120ltr	**-0850F**
80 x 40	189ltr	**-0855K**

SENATOR®
QUALITY TOOLING

Built to Perform.
Designed to Last.

Engineered to excel and crafted to endure, tool after tool. Includes an extensive range of products from Tool Kits and Socket Sets to Hammers and Tool Chests.

Spill Kits - Maintenance

120ltr Kit - Wheeled Bin

120 Ltr

Kit contains:
- 75 x Absorbent pads
- 9 x Absorbent 1.2m socks
- 6 x Absorbent pillows
- 10 x Hazardous waste disposal bags and ties
- 1 x Wheeled bin
- Tested to **BS 7959-2:2000**

Refill
Absorbents and bags only, as listed above.

Audit Covers
Yellow, weatherproof PVC covers with elasticated cord to allow fitting over the top of wheeled bin spill kit. A4 sized clear pouch for inserting audit record sheet.

Type	Size HxWxD	Order Code SOL-742
Kit Refill Covers	95x47x54cm	-0512N

Spill Kits - Oil-Only

120ltr Kit - Wheeled Bin

120 Ltr

Kit contains:
- 75 x Absorbent pads
- 9 x Absorbent 1.2m socks
- 6 x Absorbent pillows
- 10 x Hazardous waste disposal bags and ties
- 1 x Wheeled bin
- Tested to **BS 7959-2:2000**

Refill
Absorbents and bags only, as listed above.

Audit Covers
Yellow, weatherproof PVC covers with elasticated cord to allow fitting over the top of wheeled bin spill kit. A4 sized clear pouch for inserting audit record sheet.

Type	Size HxWxD	Order Code SOL-742
Kit Refill Cover	95x47x54cm	-1670H

Audit Covers

120 Ltr

Yellow, weatherproof PVC covers with elasticated cord to allow fitting over the top of wheeled bin spill kit. A4 sized clear pouch for inserting audit record sheet.

Size	Order Code SOL-742
120ltr	-3290A

Spill Kit, Oil Only, 120L Wheeled Bin

120 Ltr

Spill Kit Contents
60 x Absorbent Pads
4 x Absorbent Socks (1.2m)
8 x Absorbent Pillows
10 x Disposal Bags
10 x Cable Ties

Size	Order Code SOL-742
120ltr	-7211J

Contractor Kit- Oil Only Spill Kit 90L Circular Bin

120 Ltr

Everything you need to deal with spillage in a cylindrical bin.

Features:

-Packed in a cylindrical bin with a clip top lid
- 48 x premier 50cm x 40cm Pads, 8 x Premier 1.2m Socks, 1kg Drum Plug, 1 x Hazard Tape, 10 waste bags & ties

Absorbency	Order Code SOL-742
90ltr	-7211G

Spill Kits - Maintenance

Many situations require a permanent supply of absorbents to be on hand. Solent Plus™ spill kits are a cost-effective answer to this requirement. Maintenance Spill Kits range in capacity from 10ltr up to 1,000ltr. They are packed with sufficient absorbents to cope with a spill up to the size shown.

10ltr Kit - Holdall

10 Ltr

Kit contains:
- 7 x Absorbent pads
- 1 x Absorbent 1.2m sock
- 1 x 1kg Putty seal pre-mixed drum plug mix
- 2 x Hazardous waste disposal bags and ties
- 1 x Vinyl holdall
- Tested to **BS 7959-2:2000**
- Ideal for forklift use

Size HxWxD	Order Code SOL-742
39x46x12cm	-0500A

15ltr Kit - Carrier

15 Ltr

Kit contains:
- 12 x Absorbent pads
- 1 x Absorbent 1.2m sock
- 1 x Hazardous waste disposal bags and ties
- 1 x Clip top carrier
- Tested to **BS 7959-2:2000**

Size HxWxD	Order Code SOL-742
59x70x54cm	-0502C

20ltr Kit - Holdall

20 Ltr

Kit contains:
- 13 x Absorbent pads
- 2 x Absorbent 1.2m socks
- 4 x Hazardous waste disposal bags and ties
- 1 x Vinyl holdall
- Tested to BS **7959-2:2000**

Size HxWxD	Order Code SOL-742
56x22x21cm	-0504E

25ltr Kit - Caddy Bin

25 Ltr

Kit contains:
- 15 x Absorbent pads
- 1 x Absorbent 1.2m sock
- 2 x Absorbent pillows
- 4 x Hazardous waste disposal bags and ties
- 1 x Caddy bin
- Tested to **BS 7959-2:2000**

Size HxWxD	Order Code SOL-742
43x26x27cm	-0506G

35ltr Kit - Cube Bag

35 Ltr

Kit contains:
- 15 x Absorbent pads
- 2 x Absorbent 3.0m socks
- 1 x Hazardous waste disposal bags and ties
- 1 x Cube bag
- Tested to **BS 7959-2:2000**

Type	Size HxWxD	Order Code SOL-742
Kit	35x35x19cm	-0508J

50ltr Kit - Holdall

50 Ltr

Kit contains:
- 35 x Absorbent pads
- 3 x Absorbent 1.2m socks
- 2 x Absorbent pillows
- 5 x Hazardous waste disposal bags and ties
- 1 x Vinyl holdall
- Tested to **BS 7959-2:2000**

Refill
Absorbents and bags only, as listed above

Type	Size HxWxD	Order Code SOL-742
Kit Refill	58x71x15cm	-0510L
	-	-1400A

90ltr Kit - Circular Bin

90 Ltr

Kit contains:
- 48 x Absorbent pads
- 8 x Absorbent 1.2m socks
- 1 x 1kg ready drum compound plug
- 1 x Hazardous waste disposal bags and ties
- 1 x PE Circular bin
- Tested to **BS 7959-2:2000**

Refill
Absorbents and bags only, as listed above.

Type	Size HxWxD	Order Code SOL-742
Kit Refill	72x55x55cm	-0700A

Full Spectrum Cleaner

Save Our Earth

- Dilution can be changed for efficiency and cost-effectiveness
- Certified safe to use in food preparation areas leaving no taint
- Proven to remove stubborn and heavy soiling including grease and fat
- Environmentally-friendly and non-toxic to marine life
- Biodegradable formula for guilt-free cleaning
- Meets EU-Regulations for REACH Annex XVII substances
- Meets Regional waste legislation - Safe to dispose into watercourse
- EU Food safety regulations

Combine **900ml** of water with **100ml** of concentrate product = **1000ml** of cleaning product

Fragrance Free

Size	Order Code ONX-780
Concentrate - 1ltr	-3930H
Concentrate - 5ltr	-3931J

Empty Trigger Sprays

1 Litre

- For Spectrum and Disinfectant cleaner concentrates
- Ready labelled for desired dilution
- Fitted with a heavy duty industrial sprayer

Empty Bottles

Spray Bottle	Order Code ONX-780
Full Spectrum	-8230H
Disinfectant	-8230D

Disinfectant Cleaner Concentrate

- Multi-purpose superior cleaner for use on all hard surfaces including stainless steel process machinery, food process and preparation equipment
- Produces ultra clean food contact surfaces that meet the new EU Food Safety regulations on Maximum Residue Levels (MRLs) for Quats
- EN 14476 - Virucidal evaluation
- EN1040 - Chemical disinfectants and antiseptics
- EN1276 - Chemical disinfectants and antiseptics evaluation
- EN13697 - Antimicrobial testing

Size	Order Code ONX-780
20Ltr	-3042W

Disinfectant Cleaner

Save Our Earth

Biodegradable

- Cleans, disinfects and deodorises with no rinsing required
- Ready to use with no mixing or dilution required
- Proven to remove tough and heavy industrial soiling
- Biodegradable formula for minimal environmental impact
- Conforms to biodegradability criteria regulations (EC) No. 648/2004 (detergents)
- EN 14476 - Virucidal evaluation
- EN1040 - Chemical disinfectants and antiseptics
- EN13697 - Antimicrobial testing
- EN1276 - Chemical disinfectants and antiseptics evaluation
- EN1650 - Fungicidal suspension
- EN1275 - Basic fungicidal and basic yeasticidal activity evaluation
- OECD confirms the biodegradability of the active ingredient
- LB2270/80 biocide effectiveness

Combine **900ml** of water with **100ml** of concentrate product = **1000ml** of cleaning product

Fragrance Free

Size	Order Code ONX-780
Concentrate - 1ltr	-3040T
Concentrate - 5ltr	-3041V

Full Spectrum™ Concentrated Cleaner

Advanced technology eco-safe super strength multi-purpose cleaner for superior cleaning on all hard surfaces including stainless steel process machinery, food process and preparation equipment, kitchens, bathrooms, heavily soiled and non-slip floors, engineering and industrial plant, road vehicles and boats.

- Prevents build-up of scale from hard water.
- Can be used on a range of surfaces including stainless steel, plastic, wood, ceramic, glass, rubber, concrete, metal, vinyl and safety floors, cladding and uPVC.
- Meets EU-Regulations for REACH Annex XVII substances.
- Meets Regional waste legislation - Safe to dispose into watercourse.

Size	Order Code ONX-780
20Ltr	-3932K

Cleaning & Hygiene Products

See our range

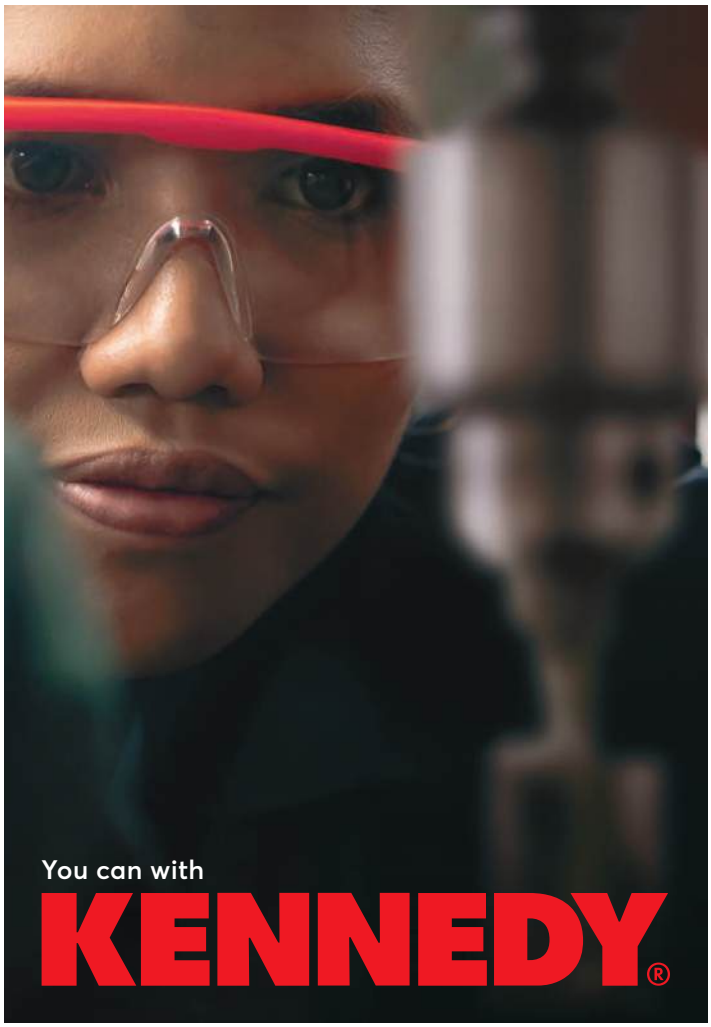
Scan the QR code

Bulk Fill Beaded Soap Dispenser, 2L

Ideal for busy washrooms, the Solent® Bulk Fill beaded soap dispenser delivers a 3ml measured dose to thoroughly cleanse and sanitise the hands. Designed specifically for beaded hand washes, the pump mechanism avoids blockages and build-up to reduce maintenance time.

- Delivers a measured dose to reduce waste and cut costs
- Quick and easy to replenish hand soap
- Built-in viewing window for monitoring usage
- Automatically locks for tamper-proofing
- Dispenser only - handwash sold separately

Dispenser Method	Order Code SOL-780
Mnual	-2240M



Dry Work Barrier Cream

See our range

Scan the QR code

Wetwork Barrier Cream

See our range

Scan the QR code

Reconditioning Cream

See our range

Scan the QR code

Lincoln Plastic Kick Stools

Manufactured in high quality durable plastic, lightweight and easy to move. Incorporates three sprung loaded castors which retract when weight is applied.

Maximum load:
125kg.

Colour	Order Code LNC-811
Black	-0350K
Blue	-0360K
Grey	-0370K
Red	-0380K

Lincoln Lincoln Metal Kick Stools

Fitted with three spring loaded castors for robust maximum mobility. Base ring holds the kick stool rigid to the floor when weight is applied. Heavy-duty construction.

Diameter: 29cm.
Maximum load:
150kg.

Colour	Order Code LNC-811
Black	-0190K
Blue	-0200K
Grey	-0210K
Red	-0220K

Storage & Archiving

See our range

Scan the QR code

MATLOCK Key Cabinets

All heavy gauge steel construction for secure key storage. Fitted with security lock and supplied complete with two keys. All key hooks are numbered for easier identification. Easily fitted to walls with screws (fixings not supplied).

Capacity	Order Code MTL-820
20 Keys	-0200K
48 Keys	-0250K

MATLOCK Blue Plastic Key Fobs

To organise and label keys and other items, these versatile keyrings are an office essential. Supplied in a handy pack of fifty, they're an economic and convenient go-to for key management.

Capacity	Order Code MTL-820
20 Keys	-9020K

Security Mirrors

See our range

Scan the QR code

Key Cabinets & Safes

See our range

Scan the QR code

Security Safes

See our range

Scan the QR code

Avon Anti-Rust Paper Rolls

Performance tested and approved to the German TL 8135-0002 standard.
VCI Paper: Volatile Corrosion Inhibitor (VCI) paper, VCI chemicals volatize, attach themselves to metal and form a protective layer just a few molecules thick. This layer prevents humidity, salt, dirt from depositing on the metal and causing corrosion. For use with ferrous metals only.
MPI Paper: Superior multi- purpose corrosion inhibitor paper for use as a wrapper for all metals, e.g. ground rollers, or as an interleave for packing light components.

Size: 900mm x 200m.

Type	Order Code AVN-830
VCI	**-1890K**
MPI	**-1900K**

Imitation Kraft Paper Rolls

- Manufactured from recycled kraft paper pulp - better for the environment
- Versatile and suitable for most applications
- Has a lower burst strength than pure kraft paper • Strong and renewable recycled kraft paper rolls

Width	Order Code AVN-830
600	**-0230K**
750	**-0240K**
900	**-0250K**

Packaging

See our range

Scan the QR code

KENNEDY QUALITY INDUSTRIAL TOOLING Oxygen Regulators

Designed with 2 gauges to indicate cylinder contents and outlet pressure.

4.0 Bar Oxygen Regulator
Full 300 bar capacity.

10.0 Bar Oxygen Regulator
Full 300 bar capacity.

Bottom entry design, which is suited for top outlet cylinder valves.
Fitted with ¼" parallel threaded gauges, standard ⅜" BSP outlet and ⅝" BSP inlet connections.

Rating	Order Code KEN-884
10.0 Bar	-4120K
4.0 Bar	-4140K

KENNEDY QUALITY INDUSTRIAL TOOLING Argon & Acetylene Regulators

Designed with two gauges to indicate cylinder contents and outlet pressure. Argon regulator outlet gauge is calibrated for flow 0 - 35lpm. Acetylene regulator has a calibrated flow rate of 0 - 1.5 bar with a full 250 bar capacity.

Features:
Flow rates up to 80m³/h (2824 ft³/h) 300 bar capability.
Features 2 gauges displaying cylinder contents and pressure.
Bottom entry design suited for top outlet cylinder valves.

Fitted with ¼" parallel threaded gauges.
Fitted with standard ⅜" BSP outlet.
Fitted with ⅝" BSP inlet connections.

Gas Type	Order Code KEN-884
Acetylene	-4200K
Argon	-4300K

THE ULTIMATE AIR GRINDER FOR EVERY SPACE

Elevate your work with Kobe's ultra-compact air grinder.
Designed for precision and power in tight spaces.

Ideal for grinding, polishing, and deburring, this versatile tool ensures flawless results every time.
Choose Kobe for unmatched performance and redefine your standards.

Power. Precision. Perfection.

KOBE™

Twist Grip Short Stub Electrode Holders

Reduce fatigue and increase safety. All of the electrode is available for use and the angle allows the hand to remain away from the weld pool. The handle applies torque to the electrode clamp in the head.

Rating (Amps)	Handle Colour	Order Code KEN-885
400	Yellow	**-6010K**
400	Red	**-6110K**
600	Orange	**-6130K**

Euro Connection MIG Welding Torch Liners

A blocked MIG torch lining can very often be the cause of annoying wire feed problems with your machine. Copper particles from the coating of the MIG wire, surface rust and general workshop dust can soon cause blockages and start to cause problematic wire feed. Purchasing and replacing your torch liner regularly combats this problem and ensures a smooth operation. Available in a range of specifications to suit your needs, the products are suited for use with steel wire.

Length (m)	Colour	Order Code KEN-883
3	Blue	**-7010K**
4	Blue	**-7020K**
3	Red	**-7040K**
4	Red	**-7050K**

MIG Welding

See our range

Scan the QR code

KENNEDY QUALITY INDUSTRIAL TOOLING Torch Bodies

Made from tough ABS plastic with a silicone rubber head for greater heat resistance and durability.

Product Number	Type & Size	Order Code KEN-885
WP17	WP17 Standard torch body	-6500K
WP18	WP18 Standard torch body	-6520K
WP26	WP26 Standard torch body	-6540K
WP17FX	WP17 Flexi torch body	-6510K
WP26FX	WP26 Flexi torch body	-6550K

Back Caps

BIN**57Y**_ _ To suit WP17/18/26 torches.

Product Number	To Suit	Order Code KEN-885
57Y04	Short	-7710K
57Y02	Long	-7700K

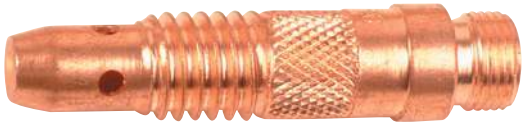
Collets

10N_ _ To suit WP17/18/26 torches.

Product Number	Bore Size	Order Code KEN-885
10N22	1.0mm (0.040")	-7210K
10N23	1.6mm (1/16")	-7220K
10N24	2.4mm (3/32")	-7230K
10N25	3.2mm (1/8")	-7240K

Collet Bodies

10N_ _ To suit WP17/18/26 torches.



Product Number	Bore Size	Order Code KEN-885
10N30	1.0mm (0.040")	-7260K
10N31	1.6mm (1/16")	-7270K
10N32	2.4mm (3/32")	-7280K
10N28	3.2mm (1/8")	-7250K

Gas Lens Body

45V24/25/26/27
To suit WP17/18/26 torches.

Product Number	Bore Size	Order Code KEN-885
45V24	1.0mm (0.040")	-7500K
45V25	1.6mm (1/16")	-7510K
45V26	2.4mm (3/32")	-7520K
45V27	3.2mm (1/8")	-7530K

Ceramic Cups - Standard Length

10N_ _ To suit WP17/18/26 torches.

Product Number	Bore Size	Order Code KEN-885
10N50	1/4" (No. 4)	-7360K
10N49	5/16" (No. 5)	-7350K
10N48	3/8" (No. 6)	-7340K
10N47	7/16" (No. 7)	-7330K
10N46	1/2" (No. 8)	-7320K
10N45	5/8" (No. 10)	-7310K
10N44	3/4" (No. 12)	-7300K

Gas Lens Ceramics

54N_ _ To suit WP17/18/26 torches.

Product Number	Bore Size	Order Code KEN-885
54N18	1/4" (No. 4)	-7640K
54N17	5/16" (No. 5)	-7630K
54N16	3/8" (No. 6)	-7620K
54N15	7/16" (No. 7)	-7610K
54N14	1/2" (No. 8)	-7600K
54N19	5/8" (No. 10)	-7650K

Gas Lens Heatshield

54N01

Product Number	Order Code KEN-885
54N01	-7560K

TIG Welding

See our range

Scan the QR code

EDISON LED Under Bonnet Worklight

- 30 LEDs
- Detachable Worklight
- Extendable Frame
- Foam covered mounting brackets
- 100-240V adapter
- 12V dc car cigarette plug
- Two sets of magnets
- 360° swivel/hanging hooks
- Hands-free applications
- Battery: Li-ion

MPN	Lumens lm	Order Code EDI-904
EBW230	900	**-1630H**

EDISON LED Inspection Worklight

- 5W COB as worklight + 1 LED as a torch
- Beam range: 20m
- Run time: 8 hours
- ABS plastic with rubberised finish
- Foldaway handle hook
- Magnetic base
- Impact resistance: 1m
- 360° Swivel handle
- Battery: 3 x AA (not included)
- IPX4

MPN	Lumen	Order Code EDI-904
EIW005	160	**-5180K**

EDISON Rechargeable LED Worklight

- 5W COB as worklight + 1 LED as a torch
- Beam range: 20m
- Run time: 3-4 hours
- Charging time: 5-6 hours
- Impact resistance: 1m
- ABS plastic with rubberised finish
- USB and micro USB ports
- Includes USB charging cable
- Foldaway hanging hooks
- Integrated magnetic base
- IPx4

MPN lm	Lumens lm	Order Code EDI-904
ERW005	160	**-5120K**

EDISON Rechargeable LED Torch

ELRS002
Featuring 2 million candle power, super bright 1W front LED light, side LED tube light and two position handle.

- 90 Lumens
- Beam distance: 75m
- Run time: up to 6hrs (main)
- Run time: up to 30hrs (side)
- Length: 220mm
- Weight: 912g
- Battery type: 4V Lead acid
- Supplied with main charger and in-car charger

Lumens lm	Beam Distance m	Order Code EDI-904
90	75	**-1070K**

EDISON LED Aluminium Torch

EAT010

- 10W CREE LED
- 600 Lumens
- Beam range: 140m
- Run time: 8 hours
- Corrosion-resistant anodised finish
- Impact resistance: 1m
- Battery: 3 x C (not included)
- IPX4

Lumens lm	Beam Distance	Order Code EDI-904
600	140m	**-5020K**

EDISON Rechargeable LED Inspection Lamp

- 3W COB as worklight + 1 LED as a torch
- Operating time up to 4.5 hours
- Charging times: 4-5 hours
- ABS plastic with rubberised finish
- Magnetic base
- 360° Swivel hanging hooks
- IP20

Lumens lm	Order Code EDI-904
300	**-1626H**

EDISON LED Rubber Waterproof Torches

EWT003
- 3W CREE LED
- Beam range: 110m
- Run time: 16hrs
- Durable TPE rubber
- Impact resistance: 1m
- Battery: 2 x D (not included)
- IP Rating: IPx7

MPN	Lumens lm	Beam Distance	Order Code **EDI-904**
EWT003	150	110m	**-5200K**

EDISON LED Pen Light

- Max. lumens: 40
- Beam range: 30m
- Run time: 20 hours
- Battery: 2x AAA (not included)
- Non rechargeable
- IPX4 rated

Lumens lm	Beam Distance	Order Code **EDI-904**
40	30m	**-5050K**

EDISON Rechargeable Head Torch

ERH120
- Cree XPE LED
- Beam range: 115m
- Aluminium head
- Plastic body
- Modes: 100% on, 50% on and flashing
- Includes USB cable for charging
- Battery: Li-ion
- IPX4

MPN	Lumens lm	Beam Distance	Order Code **EDI-904**
ERH120	120	115m	**-5080K**

EDISON LED Headband Torch

EHT012
- 35 Lumens
- Beam range: 20m
- Run time: 8 hours
- 4 Lighting modes
- Impact resistance: 1m
- Battery: 3 x AAA (not included)
- IPX4

MPN	Lumens lm	Beam Distance	Order Code **EDI-904**
EHT012	35	20m	**-5060K**

KENNEDY QUALITY INDUSTRIAL TOOLING Twisted Wire Tube Brushes

- Twisted wire handle for hand use
- For industrial maintenance, agricultural, workshop, machinery etc.
- For decarbonising and heavy duty cleaning use of tubes, struts, awkward places etc.

Steel

Brass

Bristle Material	Diameter	Brush Length	Overall Length	Order Code KEN-906
Steel	10mm	100mm	215mm	-1030K
	15mm	105mm	215mm	-1050K
	20	100mm	210mm	-1060K
	25mm	100mm	215mm	-1100K
	30mm	80mm	210mm	-1120K
Brass	6mm	75mm	300mm	-1620K
	10mm			-1630K
	12mm			-1640K
	16mm			-1650K
	19mm			-1660K
	25mm			-1700K

KENNEDY QUALITY INDUSTRIAL TOOLING 7 Piece Set Contents:

- Steel tube brushes: 1x 10, 15, 20, 25 and 30mm diameter
- Nylon slimline brushes: 1x curved and 1x straight

Order Code KEN-906
-9010K

KENNEDY QUALITY INDUSTRIAL TOOLING 6mm Plain Shank

- For use in power tools

Bristle Material	Diameter	Brush Length	Overall Length	Order Code KEN-906
Steel	15mm	60mm	100mm	-1250K
	20mm		103mm	-1260K
	25mm		120mm	-1300K
	30mm		115mm	-1320K
	35mm		110mm	-1330K
Stainless Steel	15mm	60mm	100mm	-1450K
	20mm	60mm	100mm	-1460K
	25mm	70mm	120mm	-1500K
	30mm	65mm	120mm	-1520K
	35mm	60mm	120mm	-1530K
Set of 10 - 1 each of the above				-9020K

COTSWOLD Wire Scratch Brushes

Steel Bristles

- Cast steel bristles to remove paint, rust, dirt and stubborn deposits
- Plastic ergonomical handle design for hand comfort
- Hole on the end of the handle for easy storage

*With scraper

Number of Rows	Order Code COT-906
2	-6200K
3	-6300K
4	-6400K
4*	-6450K
5	-6500K

KENNEDY QUALITY INDUSTRIAL TOOLING Slimline Brushes

- Plain metal handles, with steel wire or nylon bristle filling
- Suitable for heavy duty cleaning and decarbonising

Straight Head

Curved Head

Head Shape	Bristle Material	Head Length	Order Code KEN-906
Straight	Steel	50mm	-1800K
	Nylon		-1850K
Curved	Steel	70mm	-1900K
	Nylon		-1950K

KENNEDY QUALITY INDUSTRIAL TOOLING Wire Scratch Brushes

- Designed for cleaning all rough surfaces on a variety of materials to remove paint, dirt, rust and stubborn deposits
- Hardwood stocks and cast steel bristles

Steel

Stainless Steel

Brass

* With scraper

Bristle Material	Number of Rows	Order Code KEN-906
Steel	2	-6200K
	3	-6300K
	4	-6400K
	4*	-6450K
Stainless Steel	2	-8200K
	3	-8300K
	4	-8400K
Brass	2	-7200K
	3	-7300K
	4	-7400K

KENNEDY QUALITY INDUSTRIAL TOOLING Industrial Maintenance Brushes

Ideal for a wide variety of tasks around the workshop, home and for use when applying creosote, cleaners and degreasers etc. Wooden handles with pure bristles.

Set contents:
4 off each: 12mm (½"), 25mm (1") and 50mm (2");
1 off each: 75mm (3") and 100mm (4").

14 PIECES

Size	Weight each	Order Code KEN-907
½"	13g	-0210K
1"	23g	-0250K
1½"	39g	-0270K
2"	47g	-0290K
2½"	63g	-0310K
3"	76g	-0330K
4"	100g	-0350K

Number of Pieces	Weight each	Order Code KEN-907
14	200g	-0400K

COTSWOLD BRUSHWARE & CLEANING Paper Hanging Brushes

Polished wooden handle. Soft pure bristles. For smoothing out air bubbles when hanging wallpaper.

Size (mm)	Bristle Length	Order Code COT-907
205	50mm	-1600K

COTSWOLD BRUSHWARE & CLEANING Tar Brushes

For use with tar, creosote, whitewash etc.
All with 80mm (3⅛") heads.

Short handle length:
300mm (12").

Weight each	Order Code COT-907
130g	-1010K

COTSWOLD BRUSHWARE & CLEANING Cotswold Pure Bristle Wall Brushes

Polished wooden handles with soft natural bristles. Hanging hole for storage.

Size (mm)	Weight each	Order Code COT-907
150 (6")	170g	-1540K

COTSWOLD BRUSHWARE & CLEANING Striker Brushes

For use with tar, creosote, whitewash etc.
All with 80mm (3⅛") heads.

Type: Bolt-On
Length: 1200mm (47").

Type: Bell
Length: 1270mm (50").

Bell Type

Type	Weight each	Order Code COT-907
Bell	420g	-1050K

Decorating & Plastering Tools

See our range

Scan the QR code

COTSWOLD BRUSHWARE & CLEANING Soft Coco Brooms

- Soft and flexible bristles are ideal for indoor sweeping on surfaces such as hardwood floors, tiles, laminate or linoleum without scratching or damaging the flooring
- Suitable for sweeping light debris such as sawdust, shavings and scattered materials from workshop or garage floors
- Can also be used outdoors to clear away leaves, grass clippings and other light materials

-1260K -1270K -1280K

Save Our Earth | Biodegradable | Soft | Outdoor Use

Broom Head Width	Handle Length	Order Code COT-907
12in.	48in.	-1260K
	48in.	-1270K
	48in.	-1280K

COTSWOLD BRUSHWARE & CLEANING Stiff Bassine Brooms

- Designed for more robust cleaning tasks that require the removal of tough dirt, grime or debris
- Stiffer bristles are ideal for outdoor cleaning tasks to loosen stubborn dirt on concrete surfaces, pathways, driveways etc
- Ideal for scrubbing floors in areas where heavy-duty cleaning is required including workshops, garages or industrial settings

-1200K -1210K -1220K

Save Our Earth | Biodegradable | Stiff | Outdoor Use

Broom Head Width	Handle Length	Order Code COT-907
12in.	48in.	-1200K
	48in.	-1210K
	48in.	-1220K

COTSWOLD BRUSHWARE & CLEANING Complete Brooms

Top quality brooms. Coco broom heads are ideal for indoor domestic use, whilst bassine is more suitable for heavier industrial uses. Supplied with handles clipped to the head for quick and easy self-assembly

Replacement Broom Heads Only

Description	Hole Dia.	Order Code COT-907
12" Coco	15/16"	-8120K
12" Bassine	15/16"	-8130K
18" Coco	1 1/8"	-8180K
18" Bassine	1 1/8"	-8190K
24" Coco	1 1/8"	-8240K
24" Bassine	1 1/8"	-8250K

COTSWOLD BRUSHWARE & CLEANING Car Wash Brush

Major
Extra wide for commercial vehicle use.

Order Code COT-907
-1140K

COTSWOLD BRUSHWARE & CLEANING Cotswold Hand Brush Wood, 11in

Outdoor Use

- An essential tool for use around the garden or on site
- Ideal for a range of tasks
- Manufactured from natural wood

Biodegradable | Save Our Earth

-0770K Soft -0720K Stiff

Bristle Type	Order Code COT-907
Soft Coco	-0770K
Stiff Bassine	-0720K

Floor Care

See our range

Scan the QR code

Woven Polypropylene Sacks

Made from polypropylene that has been woven in two directions to form a breathable, lightweight fabric sack, these products are an economical way of storing a host of materials such as grains, seeds, vegetables, logs and dry store products. High in strength and tear resistant, these products are an economical way to effectively store and transport bulky and heavy objects. Supplied in a neutral white colour and available in a variety of sizes and are fully recyclable.

Length	Width	Order Code AVN-918
12in.	9in.	**-0020K**
18in.	12in.	**-0030K**
20in.	15in.	**-0040K**
24in.	18in.	**-0050K**
40in.	24in.	**-0060K**

Black Extra Large Sacks

Dimensions (W x L x H) 457x737x965mm

PACK OF 200

Thickness (Gauge)	Order Code AVN-918
150	**-0551R**

Refuse Sacks

Heavy duty bags bulk packed for industrial use.

Dimensions: 46 x 74 x 100cm (18" x 29" x 39").

90 LTR

97% RECYCLED

Colour	Thickness (Gauge)	Pack Qty	Order Code AVN-918
Black	140	200	**-0150K**

Hand Wipes & Cloths

See our range

Scan the QR code

MATLOCK Aluminium Folding Platform Steps

Made from strong lightweight aluminium with non-slip treads and platform. Available in 3 and 4 step versions and featuring safety rail. Manufactured to **EN131** and able to handle a maximum load of 150kg.

3 Tread - overall height including safety rail:
Opened: 1234mm.
Platform height: 629mm.

4 Tread - overall height including safety rail:
Opened: 1452mm.
Platform height: 847mm.

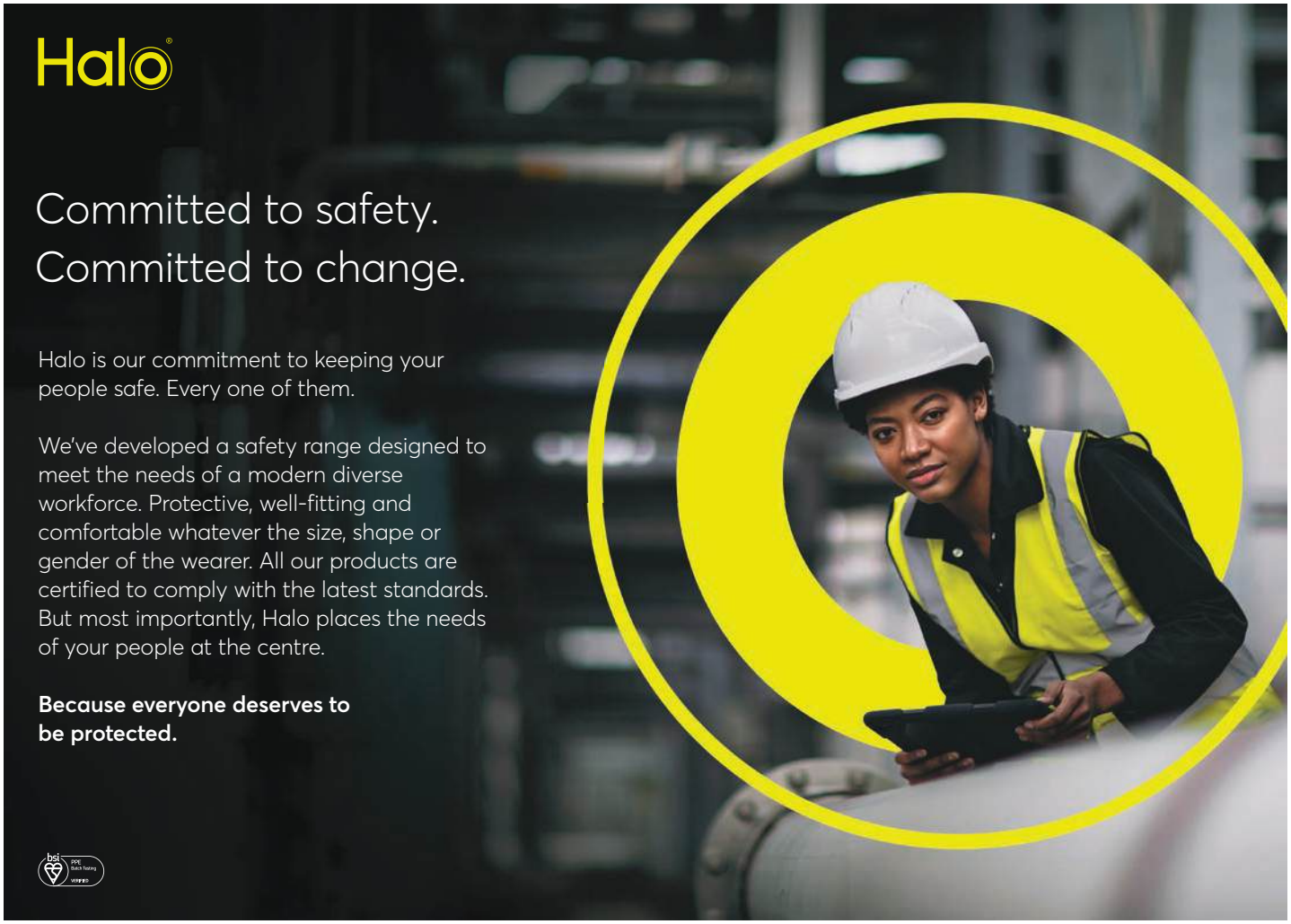
Product Number	No. of Treads	Platform Height	Order Code **MTL-939**
MFP 03	3	629mm	**-5830K**
MFP 04	4	847mm	**-5840K**

MATLOCK Folding Aluminium Handy Steps

Strong & sturdy folding aluminum steps.
Large (365W x 242D mm) durable platform for safe & comfortable standing. Ideal for use in many environments. Featuring strengthening braces & supports straps.

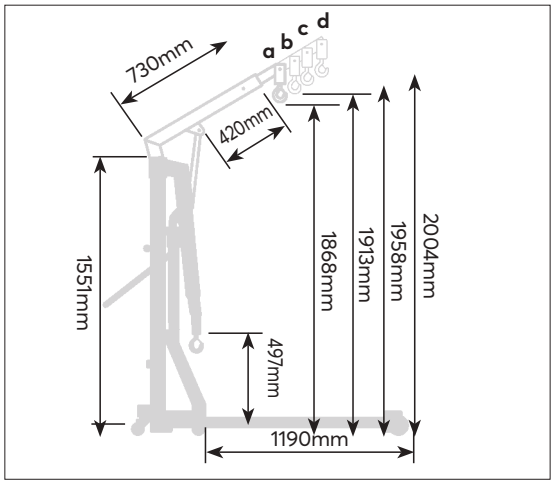
Load capacity: 150kg.
FS253Z certified to **EN 14183**
FS369Z certified to **EN 131**

Model	No. of Treads	Overall Size Open mm	Overall Size Folded mm	Weight each	Order Code **MTL-939**
FS253Z	2	443 x 416 x 439	490 x 416 x 164	2.5kg	**-2020K**
FS369Z	3	649 x 441 x 596	720 x 441 x 164	3.5kg	**-2030K**



KENNEDY QUALITY INDUSTRIAL TOOLING Folding Mobile Crane

Ideal for home workshops or garages. Folding design for easy storage and transportation. Flow control valve for precise lowering and positioning. Overload safety valve. Hydraulic operation providing easy lifting. Heavy duty swivel hook with safety latch. Four different jib options. Heavy duty castors.



Model number . . . . . FMC001.
Lifting capacity position (a) . . . . . 1,000kg.
Lifting capacity position (b) . . . . . 750kg.
Lifting capacity position (c) . . . . . 500kg.
Lifting capacity position (d) . . . . . 250kg.
Maximum lifting height at minimum jib extension . 1868mm.
Maximum lifting height at maximum jib extension 2004mm.
Length of jib in position (a) . . . . . 865mm.
Length of jib in position (b) . . . . . 955mm.
Length of jib in position (c) . . . . . 1045mm.
Length of jib in position (d) . . . . . 1135mm.
Clearance height of legs . . . . . 130mm.

1 tonne (metric ton or t) = 1000kg
1 ton (imperial ton) = 2240lbs (1016kg)
Length of frame . . . . . 1480mm.
Overall clearance height . . . . . 1555mm.
Maximum width of frame . . . . . 1000mm.
Distance between rear wheel centres . . . . . 640mm.
Weight . . . . . 91kg.

Model Number	Capacity	Max Hook Height (mm)	Weight each	Order Code **KEN-941**
FMC001	1 Tonne	2004	91kg	**-3670K**

ATLAS WORKHOLDERS Light Duty Pressed Steel Castors

A range of pressed steel castors for general light duty industrial or institutional applications. Available top plate fixing and with the option of total-stop brake. Cost effective hard wearing polypropylene wheeled castor with a wide range of general applications and ease of movement.

Load Capacity	Order Code **ATL-945**
50kg	**-0200K**
70kg	**-0202K**
80kg	**-0204K**
100kg	**-0206K**
50kg	**-0210K**
70kg	**-0212K**
80kg	**-0214K**
100kg	**-0216K**

Castors & Wheels

See our range

Scan the QR code

Matting

Take a stand on workplace fatigue

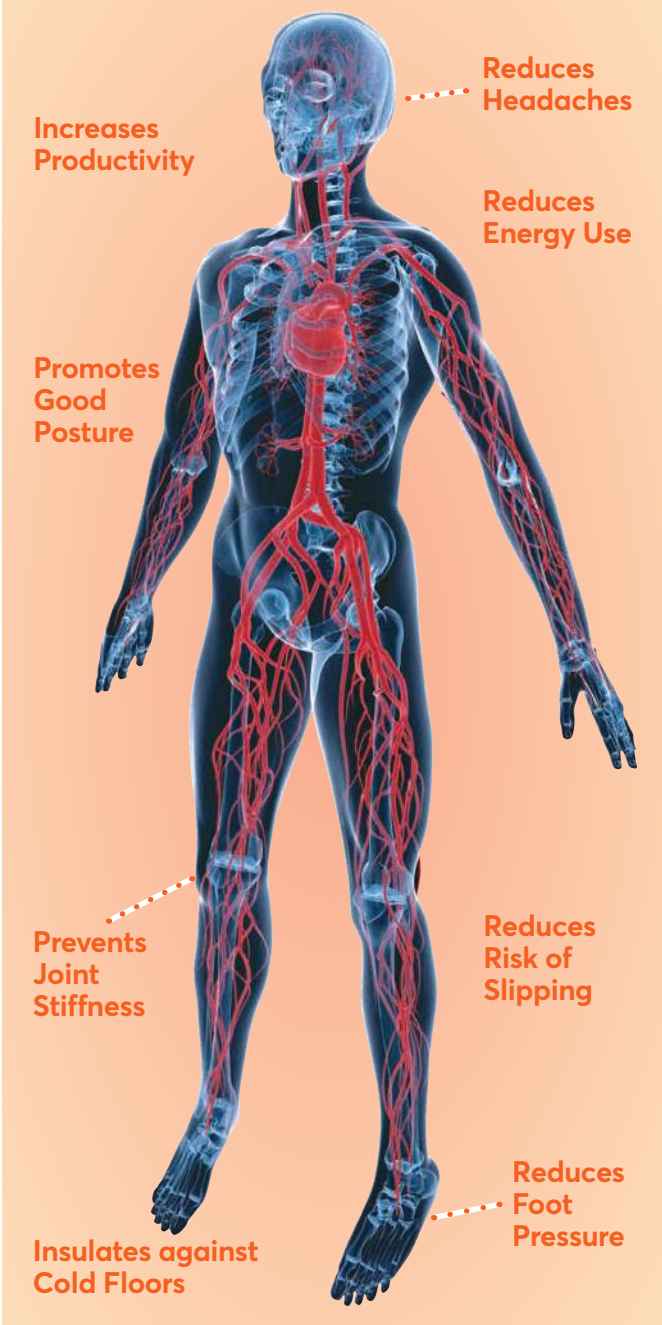
Anti-Fatigue Mats

The cushioning helps to promote regular foot movement as the feet naturally adapt to the surface of the mat. The movement of muscles contracting and expanding is very subtle but is enough to reduce, or even prevent, the health risks associated with standing. Matting encourages improved circulation and oxygen reaching the heart. It also helps to distribute the pressure over a larger surface area, therefore absorbing some of the impact from standing.

Anti-Slip Mats

In environments where liquids, chemicals or oils contaminate the floor surface, slip resistant matting can be an economical way to reduce risk. Drainable mats allow liquid to disperse through holes and away from feet.

Benefits of using Matting



Fatigue

Many workplace roles require staff to be on their feet for the majority of their shift and some also involve limited amounts of movement. Whilst we now know that sitting for long periods can be bad for our health, not everyone is aware that standing for prolonged periods can have equally devastating long term consequences.

Anti-Fatigue Matting can help prevent discomfort and potential long term health issues, whilst benefitting worker well-being.

What happens when we stand?

- The heart is the central pump. It pumps blood through the vessels and transports oxygen and nutrients
- Arteries carry the blood away from the heart and veins return it back via the 'venous pump'
- The main venous pump is in the calf muscle
- While the foot has many tiny veins, the veins in the legs have one way valves to help blood flow back to the heart against gravity. The blood pushes through the valves and then the valve closes to prevent backward flow
- When we walk, the foot and calf muscles contract which forces the blood up to the heart
- This system is known as the Venous System

Musculoskeletal Disorders in the Workplace

- Musculoskeletal disorders can affect muscles, joints and tendons in all parts of the body. Most work-related musculoskeletal disorders develop over time.
- Work-related musculoskeletal disorders can develop in an occupational setting due to the physical tasks with which individuals carry out their normal work activities.
- In 2020/21 there were an estimated 470,000 workers affected by work-related musculoskeletal disorders. This represents 1,420 per 100,000 workers, and thus accounts for 28% of all work-related ill health.
- Most of these work-related musculoskeletal disorders affect the upper limb or neck, 45% of all work-related musculoskeletal disorder cases, or the back, 39% of all work-related musculoskeletal disorder cases with the remaining 16% of cases affecting the lower limbs.

***Source: HSE/Labour Force Survey 2021**

ANTI-FATIGUE & ANTI-SLIP MATTING

SITESAFE Anti-Fatigue Matting

Standing on a hard floor for prolonged periods without anti-fatigue matting can cause pain and discomfort in the lower legs, feet and back. Fatigue reduces concentration and therefore productivity. Anti-fatigue matting will increase comfort and productivity for workers who stand for long periods and substantially reduces stress, tiredness, aches and pains from standing on hard floors at work. Introducing anti fatigue matting into the workplace can provide staff with a more comfortable environment, which in turn encourages increased efficiency, concentration and productivity.

Work Mat
Hard-wearing SBR rubber construction. Raised circular surface for superior slip resistance - suitable for wet conditions. Features a moulded bevelled edge to reduce tripping and open drainage holes for spilt liquids.
Conforms to Slip Resistance Test
EN13552 Category R10.

Colour: black.
Thickness: 10mm.

Thickness	Size (mm)	Order Code SSF-946
10mm	800 x 1200	**-8459E**
10mm	900 x 1500	**-8460F**

Premium Anti Fatigue Mat
Heavy duty with 'Diamond Tread' top surface. Comfortable foam backing. Manufactured with two yellow borders and ramped edges all round for additional safety.

Colour: black.
Thickness: 12.5mm.

Size (mm)	Order Code SSF-946
0.9 x 1.5m	**-8716K**
0.9 x 3.0m	**-8719K**

SITESAFE Bubble Stand Anti Fatigue Mat

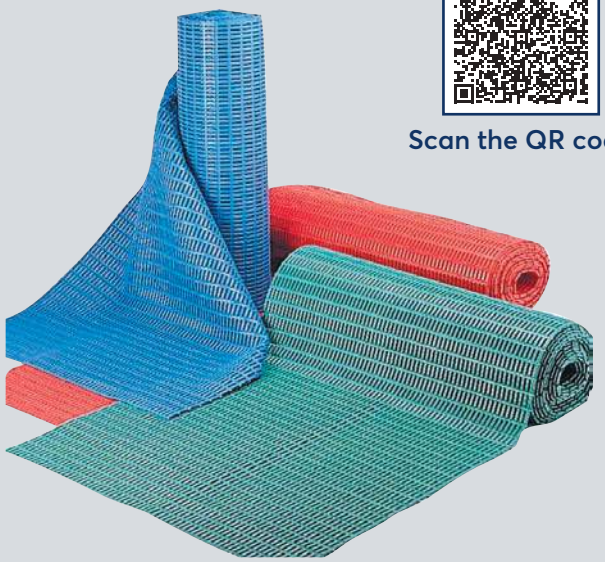
Ideal for dry environments. Bubble surface stimulates constant foot movement to increase blood circulation. Ramped edges for additional safety.
Colour: Black.
Thickness: 14mm.

Size (mm)	Order Code SSF-946
0.6 x 0.9m	**-8520K**
0.9 x 1.2m	**-8523K**

Floor Safety

See our range

Scan the QR code



SITESAFE® Entrance Mat

Cost effective entrance mat offering good all round performance. Scrapes dirt and wipes moisture. Slip resistant PVC backing.

Colour: Black/Steel. **Thickness:** 7mm.

Size (metre)	Order Code SSF-946
0.6 x 0.9m	-8706K
0.0 x 1.5m	-8709K

Anti-Fatigue Matting

See our range

Scan the QR code

Ortho Matting

See our range

Scan the QR code

Ribbed Matting

See our range

Scan the QR code

MATLOCK Security Ratings

All padlocks have a rating to indicate how secure they are, this is based on material, hardening, extra coating, shackle diameter, body width, and other security features such as anti-pick locks and 3, 4, 5 or 6 pin cylinders.

SECURITY RATING

2 3 4 5 6 7 8 9 10

MED ..... MAX

Rating	Uses
1 - 2	Minimum security for indoor and outdoor use on tackle boxes, suitcases and drawers etc.
3 - 4	Minimum to medium security for indoor and outdoor use on garages, cabinets, toolboxes, gates, truck doors, lockers, sheds, bicycles etc.
5 - 6	Medium security for indoor and outdoor use on garages, cabinets, toolboxes, gates, truck doors, lockers, sheds, bicycles etc.
7 - 8	Medium to maximum security for indoor and outdoor use on store front and factory gates, large toolchests, construction site storage etc.
9 - 10	Maximum security for indoor and outdoor use on store front and factory gates, large tool chests and construction site storage etc.

MATLOCK Brass Shackle

2 to 4 SECURITY RATING

DOUBLE LOCKING

Solid brass body with a hardened steel shackle and a double locking mechanism. For indoor and outdoor use on minimum to medium security items. 20mm: 3 pin cylinder. 30 and 40mm: 4 pin cylinder, 50 and 60mm: 5 pin cylinder. *Single locking only.

HARDENED SHACKLE

Body Width	Shackle Dia. x Clearance	Rating (1 - 10)	Weight Each	Order Code MTL-950
20mm	3.7 x 10.3mm	2*	50g	-6722K
30mm	4.8 x 15mm	3	100g	-6733K
40mm	4.8 x 50mm	3	130g	-6732K
40mm	4.8 x 22mm	3	170g	-6743K
40mm	7.0 x 50mm	4	190g	-6745K
50mm	7.0 x 26mm	4	280g	-6754K
60mm	8.8 x 27mm	4	430g	-6764K

MATLOCK Brass - Stainless Steel Shackle

2 to 4 SECURITY RATING

DOUBLE LOCKING

Traditional style brass bodied padlock with a stainless steel shackle and a double locking mechanism. For indoor and outdoor use on many minimum to medium security items. 20mm: 3 pin cylinder, 30 and 40mm: 4 pin cylinder, 50 and 60mm: 5 pin cylinder.
* Single locking only.

Key Change Every	
20mm	50
30mm	200
40 - 60mm	1000

Body Width	Shackle Dia. x Clearance	Weight Each	Order Code MTL-950
20mm	3.7 x 10.3mm	50g	-7022K
30mm	4.8 X 15mm	100g	-7033K
40mm	4.8 x 22mm	5g	-7043K
50mm	7.0 x 26mm	5g	-7054K
60mm	8.8 x 27mm	5g	-7064K

MATLOCK Brass Slimline

Solid brass body with a hardened steel changeable shackle. For indoor and outdoor use on minimum to medium security items.

Key Change Every	
20mm	6
25mm	12
30mm	24
40 - 50mm	36

2 to 4 SECURITY RATING

Body Width	Pack Quantity	Shackle Dia. x Clearance	Rating (1 - 10)	Weight Each	Order Code MTL-950
20mm	1	3.2 x 12mm	2	40g	-6820K
25mm	1	4.8 x 15mm	3	55g	-6825K
25mm	4	4.8 x 15mm	3	55g	-7975K
30mm	1	4.8 x 15mm	3	70g	-6830K
30mm	4	4.8 x 15mm	3	70g	-7980K
30mm	1	4.8 x 63.5mm	2	90g	-6832K
40mm	1	6 x 20mm	4	125g	-6840K
50mm	1	7 x 25mm	4	200g	-6850K
50mm	4	7 x 25mm	4	200g	-7995K

MATLOCK Laminated Brass - Combination Type

3 SECURITY RATING

DOUBLE LOCKING

Double locking mechanism. Available with four number tumbler (10,000 combinations) or three number tumbler (1,000 combinations). For indoor and outdoor use on minimum to medium security items.

Body Width	Shackle Dia. x Clearance	Combination Number	Weight each	Order Code MTL-950
40mm	6 x 25mm	3	210g	-6203K
46mm	8 x 25mm	4	280g	-6263K

MATLOCK Disc Padlocks

Designed to provide medium to maximum security for indoor and outdoor use. Available in keyed differently and keyed alike versions.

Shackle Dia. x Clearance: 9.5 x 17.3mm.
Body width: 70mm.

9 Security Rating

Type	Order Code MTL-950
Keyed Differently	-8240K
Keyed Alike	-8250K

MATLOCK Lock Block

Solid brass body and molybdenum shackle. Designed to provide medium to maximum security for indoor and outdoor use.
* keyed alike

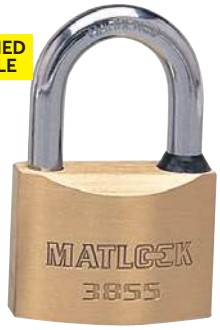
8 SECURITY RATING

Body Width	Shackle Dia. x Clearance	Order Code MTL-950
63mm	8 x 13.5mm	-8840K
83mm	11 x 16mm	-8860K
83mm	11 x 16mm	-8900K

MATLOCK Brass - Cross Key

Solid brass body with a hardened steel shackle and a double locking mechanism. Fitted with a dual lever 4 row 16 pin cylinder which has 1000 different key numbers. For indoor and outdoor use on minimum to medium security items.
Key change every 100,000.

HARDENED SHACKLE



HARDENED SHACKLE

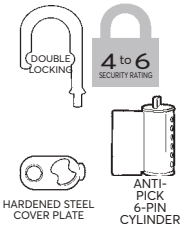
4 to 5 SECURITY RATING

DOUBLE LOCKING

Body Width	Shackle Dia. x Clearance	Rating (1 - 10)	Order Code MTL-950
40mm	6.8 x 25mm	4	-3844K
50mm	8.8 x 32mm	5	-3855K
60mm	11 x 35mm	5	-3865K

MATLOCK Brass Anti-Pick Padlock

Solid brass body with a hardened steel changeable shackle and a double locking mechanism. Fitted with a hardened steel cover plate and an anti-pick 6 pin brass cylinder. For indoor and outdoor use on minimum to medium security items.
Key change every 20,000.



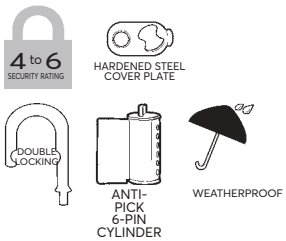
HARDENED SHACKLE

Body Width	Shackle Dia. x Clearance	Rating (1 - 10)	Order Code MTL-950
38 x 76	6.3 X 25mm	-	-3054K
38 x 76	6.3 x 75mm	4	-3094K
50 x 76	9.5 x 50mm	6	-3226K
50 x 76	9.5 x 75mm	6	-3236K

MATLOCK Brass - Anti-Pick Weatherproof

Solid brass body with a hardened stainless steel changeable shackle and a double locking mechanism. Fitted with a hardened steel cover plate and an anti-pick 6 pin brass cylinder. Completely weatherproof padlock which is suitable for use in the harshest corrosive conditions on minimum to medium security items.
Key change every 20,000.

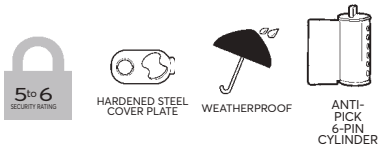
HARDENED SHACKLE



Body Width	Shackle Dia. x Clearance	Rating (1 - 10)	Weight each	Order Code MTL-950
38mm	6.3 x 25mm	4	310g	-3554K
38mm	6.3 x 50mm	4	320g	-3574K
45mm	8 x 25mm	5	370g	-3655K
45mm	8 x 50mm	5	385g	-3675K
50mm	9.5 x 50mm	6	450g	-3776K

MATLOCK Weather-Resistant - Long Shackle

Laminated steel body with hardened steel shackle, double locking mechanism and anti-pick cylinder. Ideally suitable for medium security for indoor and outdoor use in the harshest corrosive environments.
Available in a range of colours.



Body Width	Colour	Shackle Dia x Clearance	Rating (1 - 10)	Order Code MTL-950
45mm	Red	8.1 x 55mm	5	-7615K
54mm	Yellow	10.7 x 46mm	6	-7626K

MATLOCK Laminated Brass

HARDENED SHACKLE

4 SECURITY RATING

DOUBLE LOCKING

Laminated brass body with a hardened steel shackle, a double locking mechanism and a pin cylinder. For indoor and outdoor use on minimum to medium security items.
Key change every 1,000.

Body Width	Shackle Dia. x Clearance	Rating (1-10)	Weight each	Order Code MTL-950
50mm	8.8 x 25mm	4	400g	-5834K

MATLOCK Laminated Steel

4 to 8 SECURITY RATING

DOUBLE LOCKING

Laminated steel body with a hardened steel shackle, a double locking mechanism and a 5 pin cylinder. For indoor and outdoor use on medium to maximum security items.

Key change every 1,000 (30mm every 200).

HARDENED SHACKLE

Body Width	Shackle Dia. x Clearance	Rating (1 - 10)	Weight each	Order Code MTL-950
30mm	5.2 x 18.5mm	4	220g	-5514K
40mm	6.3 x 25mm	5	265g	-5525K
44mm	7.0 x 25mm	5	330g	-5555K
50mm	8.8 x 25mm	7	500g	-5587K
65mm	11 x 34mm	8	600g	-5598K

MATLOCK Laminated Steel - Combination Type

Laminated steel, nickel plated body with a hardened steel shackle and a double locking mechanism. Available with four number tumbler (10,000 combinations) or three number tumbler (1,000 combinations). For indoor and outdoor use on minimum to medium security items.

Body Width	Shackle Dia. x Clearance	Rating (1 - 10)	No. of Dials	Weight each	Order Code **MTL-950**
40mm	6 x 25mm	4	3	185g	**-6004K**
40mm	6 x 45mm	4	3	200g	**-6024K**
46mm	8 x 25mm	4	4	270g	**-6064K**

MATLOCK 4 Pin Strong Padlocks

4 pin padlocks available in a range of colours. Designed to provide minimum to medium security for indoor and outdoor use on garages, cabinets, toolboxes, gates, truck doors, lockers, sheds and bicycles etc. Available in keyed differently and keyed alike versions.

Colour	Body Width	Shackle Dia. x Clearance	Order Code **MTL-950**	**Keyed Diff. Keyed Alike**
Black	40mm	7 x 21.5mm	**-7120K**	**-7160K**
Blue	-	-	**-7125K**	**-7165K**
Green	-	-	**-7130K**	**-7170K**
Orange Red Yellow	40mm	7 x 21.5mm	**-7135K**	**-7175K**
Blue	-	-	**-7140K**	**-7180K**
Yellow	-	-	**-7145K**	**-7185K**

MATLOCK Solid Brass Combination Padlocks

Solid brass padlocks designed to provide minimum to medium security for indoor and outdoor use on garages, cabinets, toolboxes, gates, truck doors, lockers, sheds and bicycles etc. Available in a range of sizes. Solid brass body with hardened steel shackle and 3 or 4 digit combination.

Body Width	Shackle Dia. x Clearance	No. of Dials	Pack Quantity	Order Code **MTL-950**
20mm	3.0 x 21.7mm	3	1	**-8020K**
30mm	5.0 x 25.0mm	3	1	**-8030K**
40mm	6.0 x 26.0mm	4	1	**-8040K**
20mm	3.0 x 21.7mm	4	4	**-8070K**
30mm	5.0 x 25.0mm	3	4	**-8080K**
40mm	6.0 x 26.0mm	4	4	**-8090K**

MATLOCK Strong/Heavy Duty Padlocks

Designed to provide medium to maximum security for indoor and outdoor use on store front and factory gates, large toolchests, construction site storage etc. This heavy duty padlock has a hardened steel body, black e-coating, molybdenum shackle and 4 digit combination.

Body Width	Shackle Dia. x Clearance	No. of Dials	Order Code **MTL-950**
51.0mm	9.5 x 27mm	4	**-8260K**
62.0mm	11.0 x 51mm	4	**-8270K**

MATLOCK Solid Steel Heavy-Duty

Hardened solid steel, chrome and duplex nickel plated body. Fitted with a double locking mechanism, hardened steel cover plate and an anti-pick six pin brass cylinder. For indoor and outdoor use on maximum security items.
Key change every 20,000.

9 SECURITY RATING · ANTI-PICK 6-PIN CYLINDER · HARDENED STEEL COVER PLATE

Body Width	Shackle Dia. x Clearance	Rating (1 - 10)	Weight each	Order Code MTL-950
63.5 x 76	11 x 25mm	9	680g	-1509K
63.5 x 76	11 x 50mm	9	725g	-1529K
63.5 x 76	11 x 75mm	9	770g	-1539K

MATLOCK Aluminium - Anti-Pick Weatherproof Shackle

Solid anodised lightweight aluminium body with a hardened stainless steel changeable shackle. Fitted with an anti-pick six pin brass cylinder and a double locking mechanism. Weatherproof padlock which is suitable for use in the harshest corrosive conditions on medium security items.
Key change every 20,000.

HARDENED SHACKLE

5 SECURITY RATING · DOUBLE LOCKING · WEATHERPROOF · ANTI-PICK 6-PIN CYLINDER

Body Width	Shackle Dia. x Clearance	Rating (1 - 10)	Weight each	Order Code MTL-950
38mm	6.3 x 50mm	5	200g	-5025K
50mm	9.5 x 25mm	5	255g	-5205K
50mm	9.5 x 50mm	5	280g	-5225K

MATLOCK Weather-Resistant Padlock

Laminated steel body with hardened steel shackle, double locking mechanism and anti-pick cylinder. The PU coating makes this the most weather-resistant padlock. Ideally suitable for medium security for indoor and outdoor use in the harshest corrosive environments. For use on marine/brewery storage, haulage and warehouses etc. Available in a range of colours. All fitted with a weather-resistant key cover.

5 to 7 SECURITY RATING · ANTI-PICK 6-PIN CYLINDER · HARDENED STEEL COVER PLATE · WEATHERPROOF

Body Width	Colour	Shackle Dia x Clearance	Rating (1 - 10)	Order Code MTL-950
		Standard		
45mm	Red	8.1 x 18mm	5	-7515K
69mm	Black	9 x 30mm	7	-7537K

MATLOCK Solid Steel - Anti-Pick, Anti-Cut Padlock

Hardened solid steel, chrome and duplex nickel plated body with a molybdenum alloy anti-cut changeable steel shackle. Fitted with a double locking mechanism and an anti-pick six pin brass cylinder. For indoor and outdoor use on medium to maximum security items.
Key change every 20,000.

8 to 9 SECURITY RATING · DOUBLE LOCKING · ANTI-PICK 6-PIN CYLINDER · ANTI-CUT SHACKLE

Body Width	Shackle Dia. x Clearance	Rating (1 - 10)	Weight each	Order Code MTL-950
50 x 76	9.5 x 25mm	8	400g	-2508K
50 x 76	9.5 x 75mm	8	455g	-2538K
63.5 x 76	11 x 25mm	9	710g	-2609K
63.5 x 76	11 x 50mm	9	755g	-2629K
63.5 x 76	11 x 75mm	9	800g	-2639K

MATLOCK Weather-Resistant - Shrouded Shackle

Laminated steel body with hardened steel shackle, double locking mechanism and anti-pick cylinder. The PU coating makes this the most weather-resistant padlock. Ideally suitable for medium security for indoor and outdoor use in the harshest corrosive environments. For use on marine/brewery storage, haulage and warehouses etc. Available in a range of colours. All fitted with a weather-resistant key cover.

6 to 9 SECURITY RATING · ANTI-PICK 6-PIN CYLINDER · HARDENED STEEL COVER PLATE · WEATHERPROOF

Body Width	Colour	Shackle Dia x Clearance	Rating (1 - 10)	Order Code MTL-950
		Covered Shackle		
50mm	Blue	8 x 33mm	6	-7716K
62mm	Black	10 x 30mm	8	-7728K
75mm	Yellow	11 x 34mm	9	-7759K

Padlocks

See our range

Scan the QR code

PADLOCK STATIONS

MATLOCK 7 & 16 Lockout Station - Boards Only

Manufactured from heavy duty durable acrylic.

LOK016
Two hooks for hasps.
Once padlock bar (takes seven padlocks).
Two pockets for lockout tags.
Holes for wall fixing.

LOK017
Contents as LOKO16 but with two padlock bars (takes 16 padlocks), and one pocket.

Tags, padlocks and hasps are not included.

Product Number	Number of Locks	Dimensions (WxH)	Order Code **MTL-950**
LOKO16	7	393 x 292mm	**-8605K**
LOKO17	16	342 x 342mm	**-8610K**

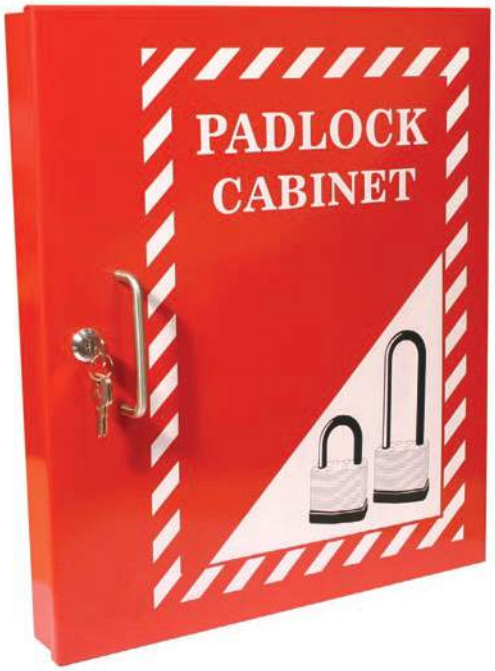
MATLOCK Premier Lockout Stations

Highly visible lockout board manufactured from durable plastic. Ideal for the storage of lockout equipment and at the same time ensuring equipment is easy to find and access.

Width mm	Colour	Materiál	Order Code **MTL-950**
345	Yellow	Plastic	**-9110K**
395	Yellow	Plastic	**-9120K**

MATLOCK Padlock Cabinet

Red powder coated steel Padlock Cabinet with 3 interior rack storage of up to 21 padlocks. Wall mountable with fixings and 2 keys included.



Order Code **MTL-950**
-8909K

Padlock Stations

See our range

Scan the QR code

MATLOCK Security Hasps

Manufactured from hardened steel with a duplex nickel plated anti-corrosive finish. The hinge pins, fixings and assembly are concealed with a folded edge for tamper protection. Supplied with fixing screws.

Double Hinged:
Models can be used for internal and external corner mounting.

Triple Hinged:
Models also allow for use on non-flush fitting (stepped) surfaces.

8120, 8110, 8100* & 8150*:
For use on standard duty and domestic applications.

8200* & 8160*:
For use on medium duty applications.
*Supplied complete with door reinforcement plates for improved security.

-8100K

-8150K

-8200K

Product Number	Shackle Type	Hinge Type	Size (mm)	To Suit Shackle	Security Rating	Order Code MTL-950
8120	Vertical	Single	92 x 37	8mm	2	**-8120K**
8100	Horizontal	Single	125 x 45	11mm	3	**-8100K**
8150	Horizontal	Double	160 x 45	11mm	3	**-8150K**
8160	Vertical	Single	258 x 62	13mm	3	**-8160K**

MATLOCK 'Anti-Cut' U-Bar

Molybdenum alloy steel, 'anti-cut' shackle. Vinyl coated U-bar. Suitable for indoor and outdoor use.

Shackle Dia. x Clearance	Order Code MTL-950
15 x 270mm	**-6517K**

MATLOCK Safety Lockout Padlocks - Keyed Differently

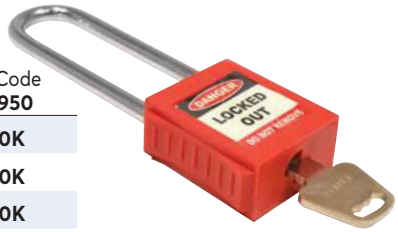
Individually keyed to differ 6-pin lock which will not release the key until the shackle is closed. Non-conductive and non-sparking. Resistant to chemicals and corrosion. Colour coded. Each padlock is supplied boxed with one key and keyring.

Dimensions:
Body width:
20 x 42mm.
Shackle diameter x clearance: 6.5 x 38mm.

Product Number	Colour	Order Code MTL-950
LOK007	Red	-7950K
LOK008	Yellow	-7960K
LOK009	Green	-7930K
LOK010	Blue	-7920K
LOK011	Black	-7910K
LOK012	Orange	-7940K

MATLOCK Safety Lockout Padlocks

Long Shackle
Individually keyed 6-pin lock which will not release the key until the shackle is closed.Re-inforced nylon. Colour coded with a photo-luminescent label. Supplied boxed with one key and keyring.
Shackle height: 82mm.



Colour	Order Code MTL-950
Black	-9320K
Blue	-9330K
Green	-9340K
Orange	-9350K
Red	-9360K
Yellow	-9370K

MATLOCK Group Lock Box

LOK015
For storage of keys or other machine activation devices. Manufactured from powder coated heavy duty steel.
Capacity: 13 padlocks (locks not included).

Product Number	Dimensions (W x H x D)	Order Code MTL-950
LOK015	255 x 155 x 100mm	-9040K

MATLOCK Standard Gate Valve Lockout

Resistant to cracking and abrasion.
Three padlock holes. Di-electric properties.
Rotates freely around valve covers. Resistant to extreme temperatures.
Suitable for hasps and padlocks.

Colour: red (other colours available on request).
Min/Max. shackle dia.: 6.5mm.
Min. shackle clearance: 38mm.
(Padlock not included)

Product Number	Hand Wheel Diameter	Order Code MTL-950
LOK001	25 - 64mm	-8716K
LOK002	64 - 127mm	-8726K
LOK003	127 - 165mm	-8736K
LOK004	165 - 254mm	-8746K

MATLOCK Lockout Warning Tags - Double-Sided

Flexible polyester tags, resistant to water, oil and extreme temperatures. Matt surface allows you to write on them. Pack of 10 tags with cable ties.
Size: 75 x 135mm.

Product Number	Description	Order Code MTL-950
LOK050	Do Not Operate	-8520K
LOK051	Do Not Start	-8540K
LOK090	Do Not Operate-Locked Out	-8560K
-	Do Not Use	-8570K

MATLOCK Nylon Shackle Safety Padlock

A compact padlock with a hardened nylon shackle with non-conductive properties. Ideal for adding an extra level of security when working in dangerous environments.

Colour: red.

Caliper diameter mm	Order Code MTL-950
6 ; 6	-8915K

MATLOCK Aluminium Lockout Hasp & Label

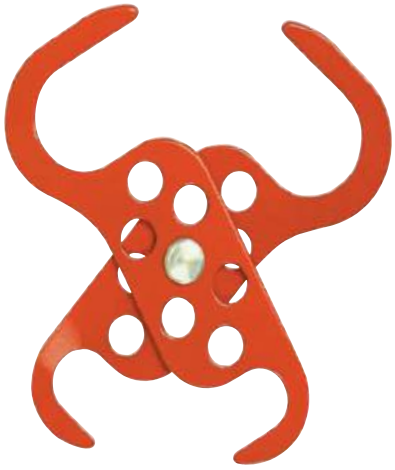
LOK049
Powder coated aluminium hasp. Supplied with spare label. The hasp is used when you wish to use multiple padlocks to isolate one energy source.

Size: 184 x 76 x 5mm, 190 x 77 x 16mm with tab.
Max. shackle diameter: 8mm.
Min. shackle clearance: 20mm.

Product Number	Order Code MTL-950
LOK049	-8300K

MATLOCK Multi-Purpose Dual Lockout Hasp

LOK047
Dual scissor action hasp with steel body and powder coating to prevent rusting.
Aluminium pivot provides a smooth and lasting movement.
Two different jaw sizes ensure ultimate adaptability when lock out conditions vary.
Min./Max. shackle diameter: 10/20mm.



Product Number	Order Code MTL-950
LOK047	-8340K

MATLOCK Vinyl Coated Lockout Hasps

Manufactured from high tensile steel sheet. Electro-plated to prevent rusting. The padlock fixing section has been vinyl coated for grip and greater visibility.

Max. padlock shackle diameter: 9.5mm.
Min. padlock shackle clearance: 20mm.
Colour: red.

Product Number	Shackle Width	Order Code MTL-950
LOK044	25mm	-8334K
LOK045	38mm	-8336K

MATLOCK Aluminium Lockout Hasps

Manufactured from aluminium with injection moulded nylon grip.
The hasp jaws are rounded to provide easy fixing on smaller isolation points and lockout devices. Suitable for six padlocks.

Max. shackle diameter: 8mm.

Shackle Width	Order Code MTL-950
25mm	-8979K

MATLOCK Economy Lockout Hasp

LOK048
Made from hardened powder coated steel.
The hasp utilises a standard scissor action to isolate a machine. With a double locking arrangement.

Colour: red.
Material: steel.
Jaw capacity: 25mm.
Accepts padlocks: shackle clearance 20mm, shackle diameter 10mm.

Product Number	Order Code MTL-950
LOK048	-8325K

MATLOCK Wire Padlocks

With a 3mm diameter and a flexible wire shackle this padlock is ideal for use on smaller MCB lockouts or for when a standard padlock is unsuitable.
Colour: red.
Shackle diameter: 3mm.

Shackle Diameter	Order Code MTL-950
3mm	-8974K

MATLOCK Double Sided Lockout Tags

Lockout Tags are used to explain why a device has been locked out. They are designed to withstand maximum exposure and retain message visibility to ensure that it is not removed before repair and maintenance is complete. These tags are needed every time a Lockout Tagout device is locked out for repair or maintenance. These tags are printed on both sides with the details displayed below. Supplied in packs of 10 complete with tie-wraps.
Size: 75mm x 135mm.

Design A

Design B

Design C

Design D

Design	Order Code MTL-950
A	-8938K
B	-8940K
C	-8941K
D	-8948K

MATLOCK Pneumatic Lockout

Manufactured from solid stainless steel this pneumatic lockout is strong, durable and resistant to corrosion and fits virtually all pneumatic fittings used in manufacturing facilities. Simple to use, once the lockout is in its closed position it can be locked using up to two safety padlocks.

No.	Order Code MTL-950
Sil-2 197 35	-8910K

MATLOCK Universal Mini Circuit Breaker

Designed to fit on almost any size of MCB, regardless of size or the position of the holes on the breaker.

• Simply turn off the breaker and place the lockout over the switch
• Use the thumbscrew to tighten the internal grub screw onto the switch, locking the unit into place
• The thumbscrew will then fold down on its integral hinge, allowing a padlock to be fitted onto the lockout and preventing the thumbscrew and the unit from being removed

Order Code MTL-950
-8902K

MATLOCK Ladder Lockout

Manufactured from flexible woven PVC, this device is placed over the rungs of a ladder or steps to deny its use. The integral eyelet allows it to be locked out with a suitable padlock and tag.

Fixing Method	Legnth mm	Order Code MTL-950
Eyelet	1175	-9003K

MATLOCK Large Advanced Lockout Station

Engineered from plastic polycarbonate, with multiple board clips to house padlocks and hasps including built in spaces for tags and tie wraps. Cover supplied enables station to be locked out.

Filled board contents:
10x red safety padlocks (KD),
1x 25mm vinyl coated hasp,
1x 38mm vinyl coated hasp,
1x pack of 10 'Do not operate' tags,
1x pack of 10 'Do not use' tags.

Board dimensions (H x W x D):
558 x 393 x 65mm.

Dimensions (H x W x D)	Order Code MTL-950
Eyelet	-9220K

MATLOCK Electrical Lockout Kits

Pre-selected kits designed to cover the most common uses in industry.
Supplied in a handy carry case they provide a convenient choice for all lockout users.

LOK229
1x Lockout Shell Case/Pouch
2x Red Safety Lockout Padlocks (KD)
2x Single Tag with Eyelet - (Double Sided)
1x MCB Lockout Pin Out Standard
1x MCB Lockout Pin In Standard
1x MCB Lockout Pin Out Standard
1x Yellow MCB Lockout - Universal
1x Yellow MCB Lockout - Type 1
1x Ultra-fine permanent pen

11 PIECES

Product Number	Description	Order Code MTL-950
LOK229	Electrical Kit	-9190K

LOK251
1x Lockout Shell Case / Pouch
2x Red Safety Lockout Padlocks (KD)
1x Non-Conductive Lockout Hasp - 6 holes
1x Pneumatic Lockout
1x MCB Lockout Pin Out Standard
1x MCB Lockout Pin In Standard
1x MCB Lockout Pin Out Wide
1x Miniature Circuit Breaker Lockout Tie bar
1x Universal Fuse Circuit Breaker Lockout
1x Universal Extra Large Circuit Breaker Lockout
1x Universal Circuit Breaker Lockout
1x Pack (10) of 'Do not operate' tags
1x Universal MCB Lockout
1x Ultra-fine Permanent Pen

15 PIECES

Product Number	Description	Order Code MTL-950
LOK251	Maintenance Kit	-9004K

MATLOCK Lockout Tagout Kit

Pre-selected kit designed to cover the most common uses in industry. Supplied in a handy carrying bag, it provides a convenient choice for all lockout uses.

LOK116
14 Piece Kit contents:
1x 300mm lockout bag
1x Small ball valve lockout
1x Multi-purpose cable lockout
1x 25mm Vinyl coated hasp
1x 38mm Vinyl coated hasp
2x Red safety lockout padlocks (KD)
1x Pack (10) of 'Do not operate' tags
1x Ultra-fine permanent pen
1x Caution Lockout in operation A-Board
1x Adjustable gate valve
1x MCB Lockout Pin Out Standard
1x Universal MCB lockout
1x Pneumatic lockout

14 PIECES

Product Number	Description	Order Code MTL-950
LOK116	Lockout Kit	-9240K

MATLOCK Maintenance Lockout Kit

Pre-selected kits are designed to cover the most common uses in industry. Supplied in a handy carrying case or bag, they provide a convenient choice for all lockout users.

LOK230
13 Piece Kit contents:
1x Lockout Shell Case/Pouch
2x Red safety lockout padlocks (KD)
2x Single Tag with Eyelet - (Double Sided)
1x MCB Lockout Pin Out Standard
1x MCB Lockout Pin In Standard
1x MCB Lockout Pin Out Wide
1x Universal Circuit Breaker Lockout
1x Aluminium MCB Lockout Toggle
1x Multi-purpose Cable Lockout 2.5m
1x Non-Conductive Lockout Hasp
1x Ultra-fine permanent pen

13 PIECES

Product Number	Description	Order Code MTL-950
LOK230	Maintenance Kit	-9230K

Global Protective Sleeving Reels

Exceptional, effective and economical protection for all kinds of products.

- Ideal protection for machined components during production and storage.
- Also widely used to protect ceramics, glass and other fragile components/products through storage and distribution.
- Designed to help prevent both surface and impact damage.
- 'Cushion' products during transportation.
- 6 colour-coded sizes.
- High stretch capability handles products/components up to 400mm diameter.
- Exceptional formability and flexibility means irregular and intricate shapes can be protected.
- Supplied in purpose-designed dispenser cartons.

Sampling
We will be pleased to supply samples of Avon protective sleeving for assessment. **Please contact us.**

Universal Sample Boxes	**AVN- 956- 2000K**

Colour	Diameter Range	Overall Length	Order Code AVN-956
Orange	6-17	250m	**-4260K**
Black	10-25	250m	**-4130K**
Violet	25-60	50m	**-5500K**
Red	50-100	50m	**-4060K**
Yellow	100-200	50m	**-4800K**
Royal Blue	200-400	50m	**-5000K**
Black	400-800	50m	**-5140K**

Packaging

See our range

Scan the QR code

Nordic Protective Sleeving Reels

A cost-effective method of protecting goods against surface damage to components, during transportation and storage. The sleeve forms around all objects from cylindrical or more complex shapes and minimises surface scratching, scuffing and indentations. Remains soft and flexible between temperatures ranging from - 40°C to + 85°C. Resistance to grease, oil, water and some acids, available in a variety of colours, is reusable. Supplied on 200m reels that you can cut to the exact size required.

Colour	Diameter Range	Overall Length	Order Code AVN-956
Natural	7-30	200m	**-6204D**
Voliet	10-25	200m	**-6208H**
Blue	20-70	200m	**-6212L**
Pink	50-130	200m	**-6215P**
Black	100-200	200m	**-6220V**

Superior Protective Sleeving Hanks & Reels

- Manufactured from inert and chemical-resistant polymers
- Neat and easy to use at any stage of the manufacturing process
- Can stay in place through to end use and can 'add value' at retail
- Heavy gauge/small aperture
- High level protection
- 11 colour-coded sizes
- Tried and tested over many years

Colour	Diameter Range	Overall Length	Order Code AVN-956
Red	6 - 13	50m Hank	**-0060K**
Black	13 - 26	50m Hank	**-0130K**
Orange	26 - 40	25m Reel	**-0260K**
Brown	40 - 50	25m Reel	**-0400K**
White	50 - 65	25m Reel	**-0500K**
Grey	65 - 80	25m Reel	**-0650K**
Yellow	80 - 100	25m Reel	**-0800K**
Blue	100 - 125	25m Reel	**-1000K**
Green	125 - 160	25m Reel	**-1250K**
Straw	160 - 190	25m Reel	**-1600K**
Royal Blue	190 - 225	25m Reel	**-1900K**

High Stretch

Colour	Diameter Range	Overall Length	Order Code AVN-956
Pink	20 - 45	50m Hank	**-2200K**
Purple	40 - 80	50m Reels	**-2400K**
Green	75 - 125	25m Reels	**-2750K**

ANTI-SLIP FLOOR TREADS / HAZARD TAPES

Anti-Slip Cleats

Provides extra grip on smooth surfaces. Hard wearing, durable and easily installed.
Pad size 610mm x 150mm. Supplied in black.

General Purpose
Ideal for stairways, ramps, ladders and machine footplates.

Size	Pack Quantity	Order Code AVN-964
610 x 152mm	5	-5240K
	10	-5250K
	5	-5320K
	10	-5330K

Barrier Tape, Lane & Hazard Tape

High quality self-adhesive diagonal stripe hazard tape. High grade PVC.

Hazard Warning Tape
Conventional usage:

For low head room, obstructions to be avoided, changes in floor levels, mobile equipment and placing around warning notices.

For locating fire equipment, placing around prohibition and indicating inflammable areas.

For placing around fire escapes, safety equipment, first aid posters and equipment and breathing apparatus.

Colour	Width x Length	Weight	Order Code AVN-964
White	50mm x 33m	400g	-4020B
Yellow	50mm x 33m	400g	-4010A
Yellow/Black	50mm x 33m	400g	-4030C
Red/White	50mm x 33m	400g	-4040D
Green/White	50mm x 33m	400g	-4080H
Green	50mm x 33m	400g	-4050E
Blue	50mm x 33m	400g	-4060F
Black	50mm x 33m	400g	-4070G
Red	50mm x 33m	400g	-4090J
Yellow/Black	75mm x 33m	600g	-4230C

Anti-Slip Self Adhesive Floor Tape

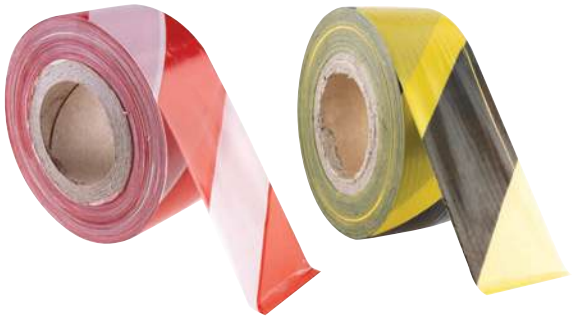
Provides extra traction on slippery surfaces such as hazardous floor areas, industrial machinery, playgroup apparatus, stair treads and various other potentially slippery areas. It is designed to provide a quick, effective and economical solution to the problem with a self-adhesive back for ease of installation. It can be used indoors or outdoors and is resistant to water, motor oil, detergents, solvents and UV light, providing a wide variety of anti-slip solutions.

Colour	Width (mm)	Order Code AVN-964
Black	50	-5360K
	100	-5370K

Non-Adhesive Barrier Hazard Tapes

Diagonal stripe. (30 micron). Supplied in dispenser box.

Size: 75mm x 500m.



Colour	Width x Length	Weight	Order Code AVN-964
Red/White	75mm x 500m	1130g	-3750K
Yellow/Black	75mm x 500m	1130g	-3760K

Pipe Repair Tape

Completely water and UV-resistant. Used to joint and repair a wide range of power and distribution cables up to 46kV.
For above and below ground.

Roll Size (W x L)	Colour	Order Code AVN-981
25mm x 10m	Black	-0940K

Heavy Duty Desk Dispenser

Ideal for post rooms, offices and the warehouse. Rubber feet protect surface and prevent dispenser from slipping. Takes large rolls of tape up to 50mm wide and 66m long. Can be screwed to bench.

Order Code
AVN-979 -1100K

Heavy Duty Desk Dispenser

Heavy duty metal dispenser for 1x 75mm x 66m roll or 3x 25mm x 66m length rolls on a 75mm core.
Comes with blade protection attachment.

Order Code
AVN-979 -1110K

Clamp-on Tape Dispenser

Clamps to benches or work tops, for use with 75mm core tapes. Holds 1x 50mm width or 2x 25mm width tapes.

Order Code
AVN-979 -1150K

Tape Dispensers

Sturdy construction with non-reversing plate and fixed brake. For use with 76mm core tapes.

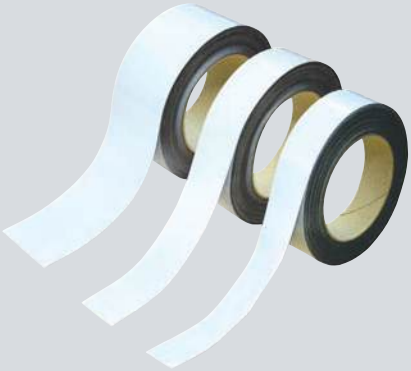
Width	Order Code
50mm	AVN-979 -2370K

Sack Tags & Ties

See our range

Scan the QR code

Warehouse Labelling



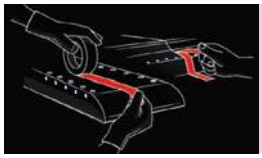
See our range

Scan the QR code

Self Adhesive Strips

See our range

Scan the QR code



Benefits

- Ideal for Painting
- Holding power that resits lifting or curling
- Tearable
- Resists Solvents and moisture no bleed through of paints
- Sharp paint lines

Economy

SENATOR QUALITY TOOLING General Purpose Masking Tape

An everyday masking tape that can be used on most surfaces. Temperatures up to 60 degrees.

Width x Length	Order Code SEN-980
19mm x 50m	-0019D
25mm x 50m	-0025K
38mm x 50m	-0038M
50mm x 50m	-0050R
75mm x 50m	-0075V

General Purpose - Masking Tapes

AVON Masking Tape

Suitable for walls and glass. Leaves no residue. For use in temperatures up to 105°F/60°C.

Width x Length	Order Code AVN-980
19mm x 50m	-2020K
25mm x 50m	-2030K
38mm x 50m	-2040K
50mm x 50m	-2050K
75mm x 50m	-2060K

AVON 14 Day Blue Masking Tape

A high quality blue creped paper masking tape with an acrylic adhesive.

Width x Length	Order Code AVN-980
25mm x 10m	-0030K
50mm x 10m	-0040K
25mm x 50m	-0010K
50mm x 50m	-0020K

AVON Masking Tape

Auto Grade
High grade. Easily removed. Suitable for spray or paint masking and temperatures up to 150°F/80°C.

Width x Length	Order Code AVN-980
12mm x 50m	-1020K
19mm x 50m	-1030K
25mm x 50m	-1040K
38mm x 50m	-1050K
50mm x 50m	-1060K
75mm x 50m	-1070K

Bonding Tapes

AVON Double-Sided Tape

Double-sided tissue tape with a high tack solvent acrylic adhesive. Hand tearable, good conformity, stable liner, excellent ultraviolet and plasticiser resistance.

Width x Length	Order Code AVN-981
25mm x 10m	-5900K
25mm x 33m	-6010K
25mm x 50m	-5910K
50mm x 10m	-6030K
50mm x 33m	-6020K

AVON Waterproof Cloth (Duct) Tape

Seals from air and completely waterproof - unaffected by humidity. Made from a lamination of polythene film cotton cloth and extremely strong rubber resin adhesive.
Can be cleanly removed when used for temporary repairs. **For applications where long term protection is required use 'Silver LT' tape.**

Colour	Order Code AVN-981
50mm x 10m	
Silver	-3010K
Black	-3250K
50mm x 50m	
Silver	-3060K
Black	-3260K
75mm x 50m	
Silver	-3070K
Black	-3280K

AVON Printed Message Tapes

- Printed polypropylene tapes with low noise action and easy to read messages.
- Pre-printed with handling instruction and quality control information to warn carriers and ensure that your parcels and cartons are delicately handled, helping fragile goods or liquids to arrive safely.
- Clearly printed red on a white background. Can be used with pistol grip or bench dispensers.

Size: 50mm x 66m.

Price per roll.

Message	Order Code AVN-981
Scrap	-6240K

KENNEDY QUALITY INDUSTRIAL TOOLING Low Tac Red Tape

Low adhesive strength tape. Suitable for temporarily positioning labels, etc. Can be peeled off without damaging the contact surface.

Width x Length	Order Code KEN-981
25mm x 66m	-6200K

KENNEDY QUALITY INDUSTRIAL TOOLING P.T.F.E. Tape

Gas Type: 12mm x 5m roll.
For gas and hot water pipes.
BS EN 751:3.

Water Type:
12mm x 12m roll.
For hot and cold water pipes.
BS 6920 & BS 7786.

P.T.F.E. Thread Sealing Tape:
25mm x 12m roll.**EN571**.

Description	Order Code KEN-983
Gas	-8000K
Water	-9000K
Thread Sealing Tape	-9010K

AVON Polypropylene Carton Tape

With rapid release from the roll, best applied with a dispenser fitted with a brake.

25 Micron

Colour	Order Code AVN-981
Roll Size: 72mm x 66m	
Buff	-5340K
Clear	-5350K

Adhesive Tapes

See our range

Scan the QR code

Triple Strength Cloth Tape

Has a unique super aggressive adhesive that bonds to everything. Its unique polythene backing is tough and durable and 100% waterproof. Tape will not twist and curl.

33 metres

Colour	Size	Order Code AVN-981
Silver	50mm x 33m	**-5140D**

Aluminium Foil Tape

4123
30 micron, with liner and a high tack hot melt rubber adhesive. For joining foil-faced insulation panels and metal ducting.

Service temperature:
-30°C to 85°C.

30 Micron

Width x Length	Order Code AVN-981
50mm x 45m	**-0070K**
75mm x 45m	**-0080K**

Extra Wide PVC Insulation Tape

Extremely flexible with a good adhesion. Flame retardant.
Colour: black
Length: 33m
Manufactured to **BS 4J10** (Aero) and **BS 3924**.

Roll Width	Order Code AVN-986
100mm	**-8700K**

Waterproof Cloth Tape

Ideal for use indoors or outdoors - will withstand harsh weather conditions and can be used for repairs to many surface types. Completely waterproof and unaffected by humidity. Available in black or silver, in 50mm x 50m rolls.

Colour	Order Code SEN-981
Black	**-0050G**
Silver	**-0050S**

PVC Insulation Tapes

Extremely flexible with a good adhesion. For wire and cable insulation, bundling and reinforcing. Assorted colours for colour-coding cables. Flame retardant.
Manufactured to **BS EN 60454.**

Thickness: 0.13mm (5mil).
Adhesion: 0.47kg/25mm. (16.5oz/1").
Tensile strength: 5.2kg/25mm (11.5lb/1").
Elongation: 150%.
Breakdown voltage: 5.5kV.
Insulation class: 80°C.
***Assorted Colours:**
Black, white, red, blue, yellow, green/yellow, grey, brown.
19mm pack of 8.

Roll Size (W x L)	Colour	Box Qty	Order Code AVN-986
19mm x 33m	Grey	40	**-7400K**
	Purple	40	**-7450K**
	Orange	40	**-7500K**
	Brown	40	**-7550K**
	Black	40	**-7600K**
	Blue	40	**-7650K**
	Green	40	**-7700K**
	Red	40	**-7750K**
	White	40	**-7800K**
	Yellow	40	**-7850K**
	Green/Yellow	40	**-7950K**
	Assorted		**-8920K**
25mm x 33m	Black	30	**-8100K**
	Blue	30	**-8150K**
	Green	30	**-8200K**
	Red	30	**-8250K**
	White	30	**-8300K**
	Yellow	30	**-8350K**

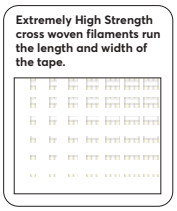
Duct Tapes

See our range

Scan the QR code

AVON Filament Tape

Clear polypropylene film, reinforced with glass fibre filaments which are cross-woven into an aggressive high shear adhesive to give high strength. Used for heavy reinforcement, high security sealing. Adheres to all paper, card and plastics.



145 Micron

Width	Pack Qty	Order Code AVN-981
	50m	
19	64	-0060K
25	48	-0010K
38	24	-0020K
50	18	-0030K
75	18	-0040K
100	18	-0050K

AVON Gummed Paper Dispenser

Suitable for plain and reinforced tape up to 77mm wide. Easy tape length setting and dispenses up to 76cm of tape in one stroke. Uniform wetting and clean cutting.

Width	Order Code AVN-979
80mm	-0020K

AVON Ultimate Double-Sided Tapes

- Fibre reinforced for improved durability and added strength
- White
- Length: 5m
- For permanent bonds.

Width x Length	Order Code AVN-981
25mm x 5m	-6110K
50mm x 5m	-6120K

AVON Anti-Corrosion Tapes

- Grease impregnated petrolatum tape
- Self-adhesive and waterproof
- Requires minimal preparation
- Protects water and gas pipes, cables, mechanical joints, valves, metal surfaces and tensioning bars against corrosion
- Length: 10m
- Conforms to British Gas Standard **BG/PS/CW2**

Width x Length	Order Code AVN-981
50mm x 10m	-7100K
75mm x 10m	-7110K
100mm x 10m	-7120K
150mm x 10m	-7130K

AVON Variable Length Tape Dispenser

Precision-made, durable gummed paper tape dispensers can produce measured lengths with optimum moistening to reduce tape waste and ensure the best seal. Manual pull and tear dispenser, roller moistens as tape is pulled forwards.

Max. Tape width: 80mm.

Not suitable for reinforced gummed paper tape.

Product Number	Order Code AVN-979
BP333	-1000K

AVON Bag Neck Sealer

Can be used to seal food bags, storage bags and can also be used with flat plastic tubing. Heavy duty metal with a corrosion-resistant paint finish. Has a metal base with foam anti-slip pads fitted and can also be fixed to table or desk by four screws for stability. 10mm neck opening for use with tape up to 12mm wide x 66m on 75mm cores.

Core Diameter	Order Code AVN-979
75mm	-0010K

KENNEDY QUALITY INDUSTRIAL TOOLING Mono Filament Strapping Tape

- Manufactured from polypropylene with reinforced glass fibre
- High tensile strength
- Abrasion resistant for durability
- 50 metre length tape to ensure you have an ample amount to hand

Quantity Pack	Order Code KEN-981
1	-4850K

Double Sided Tapes

See our range

Scan the QR code

MATLOCK Service Trolley

3 Shelf Trolley
Super strong polyethylene moulded. Constructed from a non-conductive material which is unaffected by battery acid, solvents and cleaning solutions.

Overall dimensions (L x W x H):
610 x 458 x 840mm.

Load Capacity	Order Code **MTL-985**
150kg	**-3220K**

MATLOCK Access Platform

Non-integrated working platform fitted with foldaway rear guard. Meets the requirements of **HSE Guidance Note PM28 (3rd Edition December 2005).**

Lifts 200kg or one man with tools. Comes with rated fixed safety harness anchor point within the safety cage. Fits most forklift trucks, is manufactured from steel and finished in safety yellow.

Specifications:
800 x 800mm carry basket.
Fitted with foldaway rear guard.
Locking fork restraint.
Lift up front gate bar.
Fixed anchor point.

Weight: 68kg.

Fork Dimensions: 170 x 70mm.

Weight	Order Code **MTL-985**
68kg	**-1430A**

MATLOCK Heavy Duty 'P' Handle Sack Truck

'P' style handle for easy handling of heavy objects. Handle design keeps truck horizontal when laid flat. All tubular steel construction. Large 250mm pneumatic wheels for stable transport over uneven or stepped surfaces. Self-assembly wheels.

Weight: 8.8kg

200kg Capacity

Lifting Capacity	Order Code MTL-985
200kg	**-1610K**

MATLOCK Heavy Duty 3-in-1 Truck

A multi-purpose truck which easily and quickly converts from a basic sack truck to a four wheel sack truck or platform truck.

Height - horizontal: 260mm,
- vertical: 1280mm.
Width: 470mm.

250kg Capacity

Lifting Capacity	Order Code MTL-985
250kg	**-0998K**

MATLOCK Folding Platform Truck

Lightweight aluminium frame. Telescopic handle and extendable platform for longer loads. Folds flat for easy storage. 2x fixed and 2x 360° 100mm diameter solid rubber castors.

Base size (W x L): 420 x 570/725mm.

FOLDS FLAT

150kg Capacity

Weight	Order Code MTL-985
8.00kg	**-3360K**

MATLOCK Folding Trolleys

Non-slip PVC load surface. Tubular steel handle folds flat for minimal storage space requirements. 2x fixed and 2x swivel castors for easy movement. PVC buffer strip on the platform edge to protect doors and furniture. Ideal for office environments.

FOLDS FLAT

300kg Capacity

Platform size: 875 x 575mm.

150kg Capacity

Platform size: 738 x 479mm.

Capacity	Weight each	Order Code MTL-985
150kg	8.5kg	**-3600K**
300kg	15.2kg	**-2060K**

MATLOCK Pallet Trucks

Fully sealed hydraulic system with pressure relief and overload valves. Three positon trigger: lift-neutral-lower. Bushed in key areas with grease points and entry/exit rollers.
National standards: ISO3691-5:2014 and ISO3691-7:2011.

Raised height: 200mm.
Lowered height: 85mm.
Steer wheels: nylon 200 x 50mm.
Load rollers: tandem - 80 x 70mm.

2500kg Capacity

Capacity	Fork Size (L x W) (mm)	Order Code MTL-985
2500kg	1150 x 540	**-1290K**
2500kg	1150 x 685	**-1300K**

MATLOCK Mini Compact Folding Sack Trucks

- Easy and convenient folding design
- Lightweight yet durable Aluminium construction
- Units can be stored or transported in confined spaces
- 60kg Capacity

Capacity kg	Order Code MTL-985
60	-1650K

MATLOCK Platform Truck

Strong and manoeuvrable on two fixed and two swivel 200mm rubber castors. Heavy duty veneer supported by a steel frame.

Dimensions (L x W):
1000 x 700mm

500kg Capacity

Type	Order Code MTL-985
Hand Drawn	-1500K

MATLOCK Compact Folding Sack Trucks

- Easy and convenient folding design
- Lightweight yet durable Aluminium construction
- Units can be stored or transported in confined spaces
- 90kg Capacity

Capacity kg	Order Code MTL-985
90	-1660K

MATLOCK Step-A-Truck

Simple and easy to convert from steps to sack trucks. Neat and compact with large toe plate and wide step treads.
Comply to **EN131** Standard.

Toe plate size: 390 x 280mm.
Tread size: 375 x 210mm.

Dimensions: (W x D x H)
3 Tread:
Folded: 470 x 90 x 1265mm.
Sack truck: 490 x 450 x 1265mm.
Step unit: 470 x 735 x 1190mm.
Platform height: 750mm.

150kg Capacity

Description	Order Code MTL-985
3 Tread Step	-1840K

MATLOCK Three Position Platform/Sack Truck

Large 200mm solid rubber sack truck wheels. Two 360° platform truck castors for easy manoeuvrability. Removable handle for easy storage. Flat packed for user assembly.

80kg Capacity

Weight each	Order Code MTL-985
8.6kg	-2090K

Z-Barrier™

Effective solution that guarantees satisfactory BARRIER CONTROL in any environment

Traditional systems for controlling people traffic using standard barriers connected via a chain or belt going pole to pole are associated with the continuous problems of maintaining a safe place to work. Even expanding barriers or self-retractable barriers could break, fall down or blow away exposing people to unnecessary and unacceptable risk. The cumbersome nature of the sturdier systems also limits their usability, making them less flexible and impairs their portability. These problems are magnified in areas that have to cope with work space restrictions and hazardous working conditions such as those found in the offshore gas and oil industry. Barriers are a key requirement of the Health and Safety (Safety Signs and Signals) Regulations.
The 'Z-Barrier' system is the most innovative improvement in temporary safety barriers and provides an effective solution that guarantees satisfactory barrier control in any work environment. 'Z-Barriers' are patent pending for the unique design that ensures barriers are prominent and remain in position, for all physical and environmental conditions.
Manufactured from a unique, reinforced PVC-based double-sided warning tape, with a high visibility day glow pattern on one face and a night reflective pattern on the other face.
These are the most visible barriers available on the market today. Quick and easy to put up, they are easily fastened to any anchor point or each other, providing a flexible barrier across any opening, around objects or in multiple directions. Elastic properties allow 'Z- Barriers' to expand and fit between points instead of being cut to length. They are inherently shock absorbing and resist any degree of wind load to prevent damage.

Other signs available on request, specials can be made to order.

MATLOCK Z Barrier System

- Quick and easy to put up, offering immediate barrier control in any environment
- Elastic properties to expand and fit between points, with no need to cut to length
- Manufactured from unique, reinforced PVC-based double-sided warning tape
- Hi-vis day glow pattern on one face, night reflective pattern on the other
- Easily fastened to any anchor point or each other
- Inherently shock absorbing and can resist any degree of wind load

However we do supply a range of standard signs that will fit the pockets. The most popular designs are shown here.

MATLOCK A4 Sign Pockets

(shown above)
The flexible and robust sign pockets were designed to allow users to quickly and effectively create their own signage. All you need is a pen and paper.

Individual Z-Barriers

Expansion Range	Order Code MTL-992
White/Red	
3 - 6m	**-5030K**
2 - 4m	**-5020K**

Colour	Order Code MTL-992
Red/White	**-7010K**

MATLOCK Post & Chain Barriers

Ideal to cordon off an area or to form a channel for queuing.
Suitable for warehouses, factories, offices, leisure venues etc.
Support posts, bases and chain packs sold separately.

Chain Support Post with Cap
Height: 910mm. **Diameter:** 50mm.

Colour	Order Code MTL-992
White/Red	**-2840D**
Yellow/Black	**-2860F**

Chain Support Post Bases

Colour	Weight (kg)	Order Code MTL-992
Standard	1.9	**-2720B**
Heavy-Duty	3.3	**-2740D**

25m Chains

Colour	Chain Diameter	Order Code MTL-992
Red/White	6mm	**-2500K**
Black/Yellow	6mm	**-2510K**
Red/White	8mm	**-2520K**
Black/Yellow	8mm	**-2530K**
Red/White	10mm	**-2540K**
Black/Yellow	10mm	**-2550K**

Personal Protection

Keeping Industry Working™

Product Groups

957 - 963

Contents

Description	Group	Page
EYE & FACE PROTECTION		
- Goggles	960	**612**
- Safety Glasses	960	**610 - 611**
FOOTWEAR - SAFETY		
- Safety Footwear	963	**640 - 642**
HAND PROTECTION		
- Arm Protection	961	**620**
- Cut Level B	961	**621**
- Cut Level C	961	**620**
- Cut Level D	961	**619**
- Cut Level E / F	961	**618**
- Disposable	961	**629**
- General Handling	961	**627 - 628**
- Latex Coated	961	**624**
- Nitrile Coated	961	**622**
- PU Coated	961	**623**
- Leather	961	**626**
- Welding	961	**625**

Description	Group	Page
HEAD PROTECTION		
- Baseball Bump Caps	957	**603**
- Safety Helmets	957	**603**
HEARING PROTECTION		
- Ear Plugs	958	**605**
- Ear Defenders	958	**605**
WORKWEAR		
- Chemical Protection	962	**636**
- Coveralls	962	**635**
- Fleeces	962	**634**
- Hi-Vis	962	**633 - 634**
- Jackets	962	**634**
- Knee Pads	962	**630**
WELDER'S CLOTHING & ACCESSORIES		
- Spare Lenses	885	**613**
- Welder's Clothing	885	**613**
- Welder's Helmets	885	**613**

HEAD PROTECTION

Hazards

EN317, EN812
Impact from falling or flying objects,
Risk of head bumping.

Options

A range of helmets and bump caps.

Visit any construction site almost anywhere in the world and safety helmets will be everywhere, providing workers with essential protection from falling objects such as bricks and tools and/or possible structural or equipment head hazards. Safety helmets are also widely used across most industries.

Safety Helmets

Available in a variety of styles for individual comfort, including lightweight and vented helmets for additional comfort. Many helmets can now be fitted with accessories such as face shields and ear muffs for added protection.

- Check your safety helmet regularly for signs of damage.
- Don't fix stickers or write on your safety helmet – it could compromise its performance.
- Keep stored away from direct sunlight. Excessive UV can damage helmets (rear parcel shelves in cars are not a good place).
- As a general guide, industrial safety helmets should be replaced after three years but always check the date stamp (this is usually on the peak) and the manufacturer's instruction as some have longer periods.

Bump caps

Intended to protect against minor bumps to the head, typically from low ceilings or hanging items in the workplace. They should never be used as a substitute for safety helmets since they do not offer adequate protection against falling objects and heavier impacts.

Safety Helmet & Bump Cap materials

ABS safety helmets are made of quality acrylonitrile butadiene styrene, a common thermoplastic material with excellent impact resistance and toughness.

HDPE is a much more cost effective material but does require thicker wall thickness to ensure that a safe helmet can be produced. The material is very durable and has a good degree of flexibility allowing for excellent shock absorption properties.

EN Standards

There are different safety standards dependant on the use of the Helmets and Bump Caps.

EN397:2012	Hard hats are manufactured and tested in the UK to **BS EN 397.** This European standard provides the requirements for manufacturers of hard hats, to ensure minimum materials grades are used in the production of the hard hat, and the requirements of the testing to be undertaken to keep users safe in accordance with the minimum requirements specified in **BS EN 397.**
EN12492:2012	**Helmets for Mountaineering.** Mountaineering helmets are intended to provide protection against sharp / pointed objects, and so are tested for penetration by sharp objects. The test in **EN 12492** is essentially the same as that specified in **EN 397**, where a 3kg conical striker is dropped onto the helmet from a height of 1 meter, and any contact between the helmet and headform.
EN16321:2022	This is a safety standard for eyewear and some safety helmets have integrated eyewear. This replaces EN166:2002 Products claiming either standard will be valid during the 5 year transition.
EN 352:2002	**EN 352-1, -2 and -3** are the basic parts of **EN 352** standard of the hearing protectors. Testing and safety requirements for ear-muffs are in **EN 352-1** and those for earplugs are described in **EN 352-2**. Testing methods for ear-muffs attached to industrial safety helmets are covered in **EN 352-3.**
EN 812:2012	**EN 812,** relates to bump caps. They are used in the industry to protect the head when it hits hard and static objects that can stun or cause lacerations and superficial injury to the wearer. They are primarilly intended for indoor use but can also be used outside for some businesses.
EN1731:2006	This standard relates to the Eye and Face mesh protector that attaches to helmets
EN50365: 2002	This relates to Insulating Helmets for use on low voltage installations, Protection against electric shocks and prevention of dangerous electric current passing through the head. Protection against alternating voltage of up to 1000 V (AC) or direct voltage up to 1500 V (DC).

Halo Safety Helmets

- Slots (30mm) for hearing or eye protection accessories
- 6-point textile suspension harness
- Ratchet adjustable headband
- Fleece sweatband
- 12 ventilation holes
- Rain gutter
- EN397: 2012

Colour	Order Code HAL-957
White	-2361W
Blue	-2361B
Orange	-2361P
Yellow	-2361Y

Halo Baseball Bump Caps

- Lightweight and breathable for user comfort
- Reduced sized peak for improved upward vision
- Strap adjustment for a secure fit
- EN 812:2012
- Non-Hi-Vis
- Size range: 54cm - 59cm
- Does not offer protection against large impacts or falls from a height

Colour	Order Code HAL-957
Navy	-1800K
Red	-1801K
Royal Blue	-1802K
Black	-1803K

SENATOR® QUALITY TOOLING

Built to Perform.
Designed to Last.

Engineered to excel and crafted to endure, tool after tool. Includes an extensive range of products from Tool Kits and Socket Sets to Hammers and Tool Chests.

HEARING PROTECTION

Hazards

Noise – a combination of sound level and duration of exposure. Very high-level sounds are a hazard even with short duration.

Options

A range of earplugs and earmuffs.

Many employees are exposed to noise levels at work that may be harmful. According to the Health & Safety Executive, some 11,000 people in the UK suffer deafness, ringing in the ears or other ear conditions caused by excessive noise at work - and the worst thing about hearing damage is that it cannot be reversed.

Noise is not a linear scale, an increase of 3dB doubles the noise level. It is not only how loud the noise is, but how long workers are exposed to it that needs to be taken into consideration.

What PPE products are available?

There is a wide range of **earplugs** and **earmuffs** available to suit all requirements and ensure protection, comfort and good practice.

Under the new PPE Regulation - and with hearing protection moving to Category III -companies and officers of companies face the prospect of fines if helmet mounted ear defenders have not been properly accredited to the relevant helmet in use.

Applicable Standards

EN352-1:2002 Ear Muffs
EN352-2:2002 Ear Plugs
EN352-3:2002 Helmet Mounted Ear Muffs
EN352-4 :2001 Level Dependant Ear Muffs
EN352-5:2002 Active Noise Reduction Ear Muffs
EN352-6:2002 Ear Muffs with Electrical Audio Input
EN352-7:2002 Level Dependant Ear Plugs

Understanding Noise Levels

Exposing your employees to high noise levels without providing them with adequate protection will cause damage to their hearing. Hearing damage is permanent. Noise is not a linear scale
- an increase of 3dB doubles the noise level:- 83dB(A) is twice as loud as 80dB(A)

Examples of common noise levels:

Noise Activity	Typical Noise Level dB(A)
Rocket launching	180
Jet engine, gunshot	140
Thunder, impact drill	130
Jet takeoff (threshold of pain)	120
Riveter	115
Chainsaw, car horn	110
Impact wrench	102
Fireworks, underground train	100
Rotary Drill	95
HGV, lawnmower, arc welder	90
Alarm clock, hair dryer	80
Noisy restaurant, business office	70
Normal conversation	60
Light traffic, average home	50
Living room, quiet office	40
Library, soft whisper	30
Rustling leaves	20
Threshold of hearing	0

Lower Exposure Level

Action to take:

1. A range of hearing protectors must be made available to workers exposed to noise. Usage is voluntary.
2. Training provided on safe working, detecting hearing damage, risks of noise exposure and the correct use and fitting of hearing protectors.
3. Audiometric screening should be made available to those at risk of NIHL.

Exposure Levels:
Daily 8hr 80dBA
Peak 135dBC

Upper Exposure Level

Action to take:

1. A range of hearing protectors must be made available to workers exposed to noise. Usage must be enforced.
2. Noisy areas must be clearly identified with warning signs.
3. Exposed workers should have audiometric evaluation made available.

Exposure Levels:
Daily 8hr 85dBA
Peak 137dBC

Exposure Limit

Action to take:

1. Maximum level allowed that must not be exceeded.
2. Where exposure to noise varies markedly from day to day the weekly exposure level should be measured and used in place of daily noise exposure.

Exposure Levels:
Daily 8hr 87dBA
Peak 140dBC

Halo Detectable Corded Ear Plugs

- Banded ear plugs can be stored around the neck when not in use
- Suitable when moving in and out of noisy environments
- EN 352-2:2002

PACK OF 100PR

SNR = 37dB

Band Style	Order Code HAL-958
Corded	-1720K

Halo Earplug Dispenser

- Durable design for high use areas
- Simple and easy to refill, avoiding prolonged downtime
- Clear plastic lid enables at-a-glance assessment of contents
- Free standing or wall mountable for convenience
- EN 352-2:2002

SNR = 34dB

Product Type	Order Code HAL-958
Dispenser	-1740K
200 pack PU Earplugs	-1620K
400 box PU Earplugs	-1600K

Halo Corded Ear Plugs

NEW

- EN 352-2:2002
- CAT III

SNR = 34dB

Product Type	Order Code HAL-958
Corded PU Earplugs	-1640K

Halo Reusable Corded Ear Plugs

- Banded ear plugs can be stored around the neck when not in use
- Attenuation: 27dB
- EN352-2:2002

PACK OF 50PR

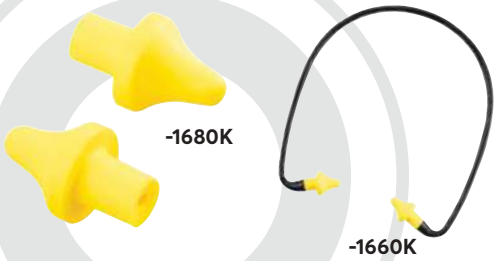
SNR = 27dB

Band Style	Order Code HAL-958
Corded	-1700K

Halo Banded Ear Plugs

- Banded ear plugs can be stored around the neck when not in use
- Suitable when moving in and out of noisy environments
- EN352-2:2002

SNR = 21dB



Pack size	Order Code HAL-958
Banded Single Pack	-1660K
10 Pack Replacement Ear Plugs	-1680K

SITESAFE Ear Defenders

- Flexible headband for comfort

Type	Order Code SSF-958
Over the Head	-4040K

EYE & FACE PROTECTION

Hazards

Chemical or metal splash, dust, projectiles, gas and vapour, radiation.

Options

Safety spectacles, goggles, face screens, faceshields, visors.

You can jeopardise your sight in less than the blink of an eye, so always use safety eyewear as protection when hazardous conditions exist. Areas where there are possible chemical splashes, sparks and ultraviolet radiation are all considered high risk.

Applicable Standards

EN ISO 16321:2022 standard covering safety eyewear offering protection from impact hazards caused by fast moving particles.

EN170 standard applying to ultraviolet filters. Transmittance requirements and recommended use.

EN172 specification for sunglare filters used in personal eye-protectors for industrial use.

European Standards state safety eyewear must be approved to BS EN166.

Safety eyewear must be marked to identify the protection offered.

Safety eyewear must offer eye protection from:

- impact hazards caused by fast moving particles.
- operations such as chipping, grinding and cutting.
- accidental airborne hazards eg. grinding wheel failing or snapping a cutting tool.

The potential impact speed must be assessed before selecting the standard protection. If the hazard could dislodge safety glasses then goggles/face shield should be selected.
When chemical splash is a consideration unvented goggles must be selected to give full eye enclosure protection.

EN 166 Markings

Standard that all Eye & Face Protection products must conform to

1	This number specifies the **clarity of the lens.** We only recommend and sell category 1 which is the best rating.
F	This denotes the **impact protection**: **F** = Low energy impact (45 m/s **B** = Medium energy impact (120m/s) **A** = High EN 16321 energy impact (190m/s) Standard safety glasses will normally only be able to reach an F rating as the impact energy transfers through the lens onto the face. Some safety glasses with a foam seal can now reach a B rating. Goggles and face shield can should have a B rating. When grinding you will need a product with a B rating.
T	Frame **withstands impacts at extreme temperatures.**
K	Lens are coated, making them **resistant to surface damage (anti-scratch).**
N	Lens is **resistant to fogging.**This is different to products that claim to be resistance to misting.
NB. When grinding we would recommend B (medium impact energy) impact protection. A face shield is best suited when grinding.	

EN16321:2022 is being introduced to replace EN166. Products claiming either standard will be valid for the 5 year transitional period.

The main on impact are: The steel ball used for the test increases from 22mm/43g to 25mm/66g. The new impact levels are C = 45m/s, D = 80m/s E = 120m/s.

Quick Reference

Through the eye and face protection range, there are a number of quick reference logos to help you choose which level of safety is right for you. Below are the logos and their meanings.

- Adjustable Frame — Adjustable frames for a superior fit.
- Wrap Around — Wraparound single lens provides unobstructed field of vision.
- Flame Resistant — Resistant to flames and heat - not flame-proof.
- Anti-dust — Designed to minimise dust contamination.
- Polycarbonate Lens — Polycarbonate lenses are more impact-resistant and lighter than most types of lens.
- Acetate Lens — Has a lower impact energy rating and is more flexible compared to polycarbonate.
- Anti-fog — This provides increased safety, while retaining excellent visibility.
- UV Protection — Gives a level of protection against harmful UV rays.
- Brow Guard — Extended brow guard moulded into the top of the lens gives a near perfect orbital seal against debris.
- Side Shields — For greater protection from debris towards the side of the eyes.
- Cheek Guard — Glasses which have a larger lens to cover the cheek bone.
- Chemical Resistant — Resistant to chemical splashes - not chemical proof.
- Scratch Resistant — Hard coated for excellent durability and scratch resistance resulting in unobstructed viewing.

Standard

Safety glasses are designed to provide protection and clarity of vision. The majority of the products are wrap around style which minimise the gaps between the glasses and the wearers face reducing the risk of an injury.

Clear Lens – Suitable for general use in most light conditions

Amber Lens – Suitable for use in Low Light conditions by enhancing brightness and contrast

Blue Lens – Suitable for use indoors for reducing yellow light and enhancing contrast

Smoke Lens – Suitable for use Outdoors and in bright environments for reducing sunlight and glare

Mirror Lens – Suitable for use Outdoors for reducing sunlight and glare

Indoor/Outdoor Lens – Suitable for frequently working Indoors and Outdoors such as Forklift drivers

Polarised Lens – Suitable for Outdoor use by reducing glare and reflections

Blue Light Lens – Suitable for reducing blue light emitted from monitors and electronic devices and lighting reducing eye fatigue.

KN Coated

We recommend that you use KN coated products for the following reasons:

K Lenses are treated with a protective coating that protects the lens from scratching thus prolonging the life of the product plus ensuring that the optical levels remain unaltered providing a clearer safer vision.

N Lenses are treated with a protective coating that stops the lens from misting up in most normal conditions. Safety glasses that do not mist up are worn longer and not removed to be wiped clear thus keeping the wearer protected.

Prescription

The Safety requirements of people who normally wear prescriptive eyewear are exactly the same as those who do not. That is why we have partnered with suppliers who only provide prescription eyewear with impact protection of F. Please contact us for further details.

Readers

Reader Safety Glasses offer the required impact protection but give magnification to allow for precision work and reading. Reader glasses come in a come in 3 different diopters: +1.5, +2.0 or +2.5.
Call for more details.

Accessories

A range of products to clean and protect your safety eyewear helping to prolong the product life.

Goggles

Goggles can provide additional protection levels than safety glasses. Higher impact levels at B rating. They also provide protection against dusts and liquid splashes.

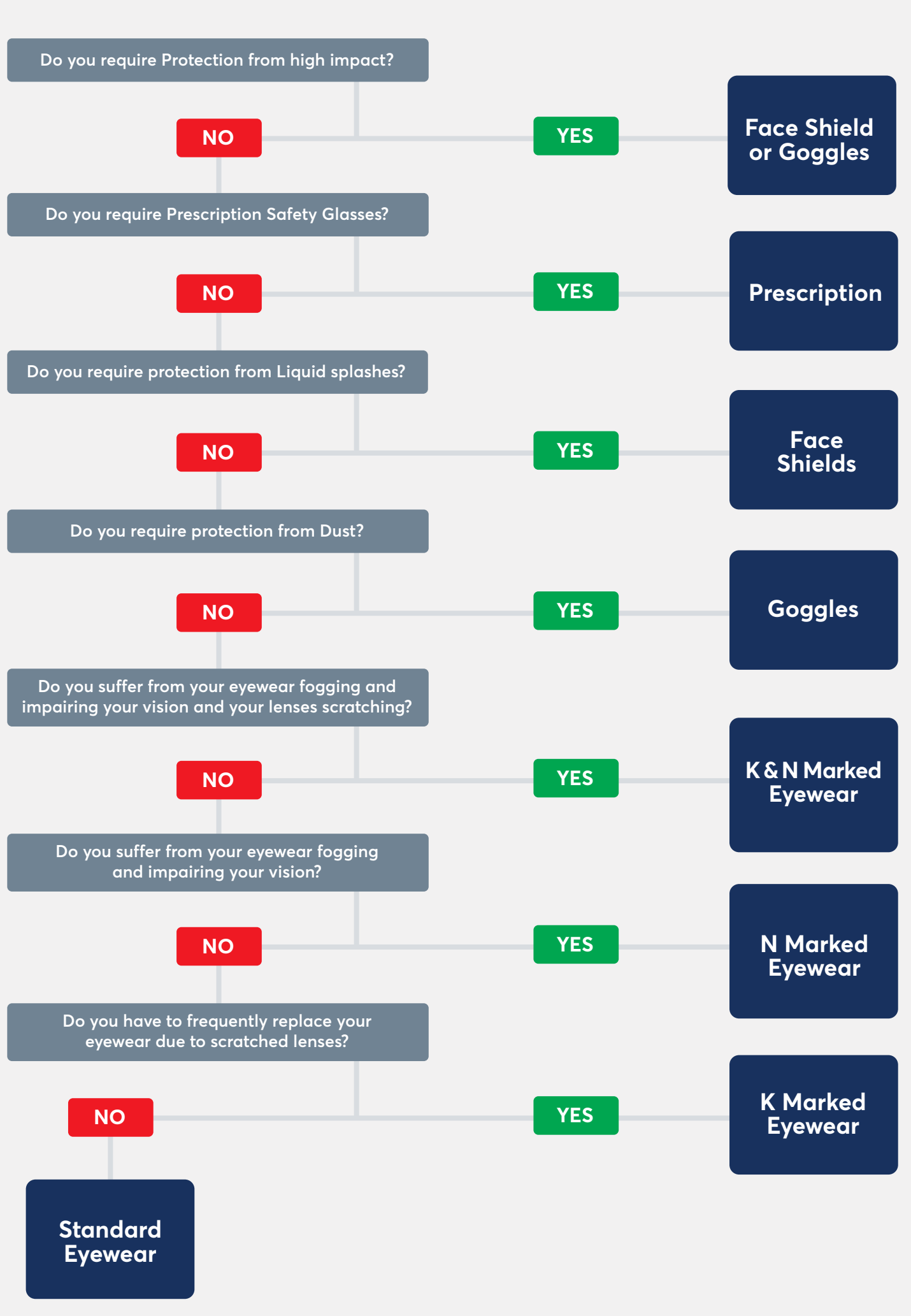
Face Shields

Most face shields offer the highest level of protection for the face from Impact hazards and liquid and chemical splashes. They give the user a wide unobstructed field of view when compared to Goggles. Interchangeable Visors means you can achieve the desired protection most suited to your requirements.

Welding Goggles, Shields and Helmets

These provide Eye protection against the intense light produced when welding, but also protect from any flying debris during the welding process. The products range from Goggles and Helmets with Auto Darkening Lens that react to the Arc being struck, to complete Welding Powered Air-Purifying Respirators (PAPR)

HOW TO SELECT THE RIGHT PROTECTION



Halo Clear Comfort Safety Glasses

- Frameless for unrestrictive viewing
- Clear EN166 IFT EN170
- Indoor/Outdoor, Blue Mirror EN166 1FT EN172
- High temperature resistant

Lens Type	Order Code HAL-960
Clear	-1880K
I/O	-1900K
Blue Mirror	-1920K

Halo Rigid Safety Glasses

- Strong, rigid, lightweight design
- Rubber nose piece and temple tips for added comfort
- Clear EN166 IFT KN EN170
- Grey EN166 1FT KN EN172
- Indoor/Outdoor EB166 1FT EN172

Lens Type	Order Code HAL-960
Clear	-2334D
Grey	-2336F
I/O	-2338H
Clear	-2340K

Halo Light Safety Glasses

- Lightweight design for added comfort
- Amber, Clear EN166 1F KN EN170
- Grey, Indoor/Outdoor EN166 1F EN172

Lens Type	Order Code HAL-960
Amber	-2312B
Clear	-2314D
Grey	-2316F
I/O	-2318H
Clear	-2320K

Halo Safety Glasses with Extendable Arms

- Extendable arms for individual fit
- Lightweight for user comfort
- EN166 1FT EN170
- High temperature resistant

Lens Type	Order Code HAL-960
Clear	-1560K

Halo Sports Style Safety Glasses

- Browless design for reduced weight and increased visio
- Wrap-around design for increased protection
- Clear EN166 IFT KN EN170
- Grey EN166 IFT KN EN172
- Indoor/Outdoor EN166 1FT EN172
- High temperature resistant

Lens Type	Order Code HAL-960
Clear	-1021F
Grey	-1022F
I/O	-1023F

Halo Wraparound Safety Glasses with Extendable Arms

- Soft nose pad bolsters comfort whilst wearing
- Wraparound design for unrestricted view
- Clear EN166 1F EN170, Smoke EN166 1F EN172

Lens Type	Order Code HAL-960
Smoke	-1600K
Clear	-1580K

Halo Indoor/Outdoor Safety Glasses

- Ratcheted arms for greater adjustment and fit
- Half frame and wrap around design for unrestricted viewing
- High temperature resistant
- EN166 1FT EN172

Lens Type	Order Code HAL-960
Clear	-1980K

Halo Safety Glasses

- Clear browguard for improved vision when looking up
- High-temperature resistance
- UV protection for outdoor work
- Adjustable arms for an excellent fit
- EN166 1FT EN170

Lens Type	Order Code HAL-960
Clear	-1660K

Halo Safety Glasses with Soft Arms & Temples

- Soft side arms and temples for improved grip and comfort
- Wrap-around design for unrestricted viewing
- High temperature resistant
- UV protection
- EN166 1FT EN170

Lens Type	Order Code HAL-960
Clear	-1940K

SITESAFE Safety Glasses

- Wrap-around lens for unrestrictive viewing
- EN166 1F EN170

Lens Type	Order Code SSF-960
Clear	-1560K

SITESAFE Safety Glasses

- Clear wrap-around polycarbonate lens
- High temperature resistant
- EN166 1FT EN170

Lens Type	Order Code SSF-960
Clear	-1580K

SITESAFE Over Glasses

- Clear over spectacles with built-in side shield and brow guard for added protection
- Can be worn over most standard prescription glasses
- EN166 1F EN170 EN172

Lens Type	Order Code SSF-960
Clear	-1520K

SITESAFE Safety Glasses

- Wrap around lens for unrestrictive viewing
- EN166 1F EN170

Lens Type	Order Code SSF-960
Clear	-1540K

SITESAFE Safety Goggles

- Impact resistant goggles with ventilation
- EN166 1B

Lens Type	Order Code SSF-960
Clear	-0520K

SITESAFE Safety Goggles

- Impact resistant goggles with ventilation
- EN166 1B

Lens Type	Order Code SSF-960
Clear	-0500K

SITESAFE Sirius Safety Spectacles

- Delivers UV protection up to 380nm
- Protects against low energy impacts
- Offers good colour recognition
- Scratch-resistant for long product life
- Anti-mist treatment to suit all environments
- EN166 F CE
- EN170 Ultra-violet filters
- Lens marking: 2C-1.2 1F CE
- Does not fit over prescription glasses

Frame Colour	Order Code SSF-960
Blue	-7710K

Halo Scorpion Safety Goggles

- UV protection
- Lightweight for comfortable long-term wear
- EN166 1B KN EN170

Lens Type	Order Code HAL-960
Clear	-8070K

Halo Tiger Safety Goggles

- UV protection
- The wide elastic headband delivers a secure and comfortable fit
- The one-piece lens is scratch-resistant and anti-mist for clear vision
- The frame has an indirect ventilation system to prevent user discomfort
- The lens is replaceable to prolong the life of the goggles
- EN166 1B T KN EN170

Lens Type	Order Code HAL-960
Clear	-8140K

Eye Protection

See our range

Scan the QR code

Chrome Leather Welder's Clothing

A range of economically priced rugged workwear manufactured from high quality selected chrome leather. Spatter-resistant and tear-resistant. The full range offers head-to-toe protection against weld spatter and grinding sparks. Suitable for use in workshops, foundries and on-site.

Aprons
Generous fit for full torso and upper leg protection against weld spatter and grinding sparks, whilst offering freedom of movement for the wearer. All seams have heavy duty stitching for durability and extended wear.
Available in a choice of tie or buckle fastening.
CE approved to EN470-1 CAT II.
Colours: available in a choice of grey or red.

Colour	W x L (cm)	Order Code KEN-885
	Tie Fastening	
Grey	60 x 90	**-8020K**
Red	60 x 90	**-5410K**
	Buckle Fastening	
Red	60 x 90	**-5440K**

Sleeves
Can be used independently or in conjunction with an apron or other garment to offer optimum protection of the lower arm and elbow. With elasticated openings. All seams have heavy duty stitching for durability and extended wear. One size.
CE approved to EN470-1 CAT II.

Colour	Size	Order Code KEN-885
Red	45cm	**-5310K**

Welder's Helmets

- Lifts up over brow strap when not in use
- Accepts plain and tinted lenses
- Lens size 4 1/4" x 3 1/3"

Visor Type	Order Code KEN-885
Flip-up	**-7150K**

Spare Lenses

- To protect the user from UV rays and weld spatter
- To suit Kennedy helmets and shields
- Standard UK size 4 1/4" x 3 1/4"

Lens Size	Type	Colour/ Shade	Order Code KEN-885
110 x 90mm	Anti-spatter	Clear	**-7448K**

HAND PROTECTION

Hazards

Abrasion, temperature extremes, cuts and punctures, impact, chemicals, electric shock, radiation, vibration, biological agents and prolonged immersion in water.

Options

Gloves in a range of styles, lengths, materials and coatings to provide specific kinds of protection.

Food Symbol

Products that carry the food contact symbol are suitable for use with all food categories (Dry foods, aqueous foods, acidic foods, alcoholic foods and fatty foods). This has been established through conducting tests according to the draft European Standards for food contact migration **DD ENV 1186 series.**

Glove Categories

Simple Design - Category 1
Gloves with this designation offer protection against light cuts, contusions, abrasions and mild detergents. Suitable for areas of'minimal risk' where the effects on hands without gloves would be easily reversible or superficial. These products are unmarked and self-certified.

Intermediate Design - Category 2
Gloves with this designation offer protection against heavier cuts, contusions, abrasions, tears and punctures. Suitable for areas of specific risk: abrasion, blade cuts, tear and puncture. The performance of the glove against these risks is listed below the symbol as shown below.

Complex Design - Category 3
For areas/applications that can seriously or irreversibly harm the health. Such products, in addition to the CE type test, will also have to be either produced under an approved quality system OR be type tested on an annual basis.

EN388 IS CHANGING from EN388:2003 to EN388:2016

The CUT resistance test is the biggest change. Gloves can continue to be sold under both versions of the standard until 2023
After 2023 only gloves to EN388:2016 will be able to be legally sold.

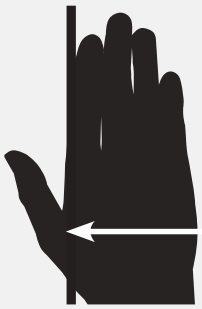
EN388:2003 - Coupe test results

Level	Blade cut resistance (Index)	Cromwell classification
1	>1.2	General purpose glove
2	>2.5	Low to medium cut risk
3	>5.0	
4	>10.0	High cut risk
5	>20.0	

EN388:2016 - ISO test results

Level	Straight blade cut resistance (N)	Cromwell classification
A	2	General purpose glove
B	5	Low to medium cut risk
C	10	
D	15	High cut risk
E	22	
F	30	Very high cut risk

Please note: As the test is different and the construction of the gloves could be different, gloves previously classified as a Cut 3 glove could have different levels on the new test and this could be a higher classification that a Cut 4 glove, or could be lower than a Cut 2 glove.



Glove Sizing

Place your right hand as shown, with your index finger against the black line. The measurement that follows the right side of your hand is your approximate glove size. **This is a general guide only.**

Using a Tape Measure and the Sizing Guide

Wrap a tape measure around your hand at the widest point (usually the knuckles) and make a loose fist. Note that measurement, round it to the nearest inch and refer to the corresponding chart below to find your approximate glove size.

Glove Size	XS	S	M	L	XL	XXL	XXXL
Sizing Gauge	6	7	8	9	10	11	12

Glove Selection

Hazards - Abrasion, temperature extremes, cuts and punctures, impact, chemicals, electric shock, radiation, vibration, biological agents and prolonged immersion in liquid.

Options - Gloves in a range of styles, lengths, materials and coatings to provide specific kinds of protection.

Cut Resistant

Protects wearers from lateral cut injuries from sharp objects such as knives or burrs on metal.

Puncture Resistant

Protects wearers from sharp pointed objects such as glass and nails.

Nitrile Coated

General purpose gloves ideal for handling oily components.

PVC and Latex Coated

Hard wearing general purpose gloves. Gives excellent grip in wet conditions

PU Coated

General purpose gloves with great dexterity. Ideal for handling Ideal for dry or slightly damp conditions.

General Purpose

General Handling gloves

HAND PROTECTION

Impact Resistant and Anti Vibration

Reduce the effect of vibration, shock and impact. Perfect for general manufacturing and workers in direct contact with machinery.

Chemical Resistant

Wide range of gloves offering protection against a large range of chemicals.

Disposable Gloves - Nitrile

Range of gloves offering good levels of abrasion resistance and some chemical resistance.

Disposable Gloves - Latex

Provides wearers with comfort whilst remaining dexterous.

Cold Protection

Suitable for extreme cold and
outdoor applications

Heat Protection

Suitable for high heat environments..

Welding

Protects wearers hands from the hazards of welding and heat.

How To Select The Right Protection

CUT F

Halo Cut F PU Palm Coated Gloves

- 18 gauge for excellent dexterity
- PU coating for excellent grip in dry conditions
- Cut resistant material: HPPE
- Touchscreen compatible
- EN420:2003+A1:2009
- EN388:2016 4.X.4.2.F

EN388:2016 A1:2009

Size	Order Code HAL-961
6	-1216A
7	-1216B
8	-1216C
9	-1216D
10	-1216E
11	-1216F

Halo Cut F Sandy Nitrile Palm Coated Gloves

- 18 gauge for excellent dexterity
- PU coating for excellent grip in oily or wet condition
- Cut resistant material: HPPE
  so you do not have to remove the glove
- Thumb crotch for additional abrasion resistance
- EN420:2003+A1:2009
- EN388:2016 4.X.4.2.F

EN388:2016 4.X.4.2.F

Size	Order Code HAL-961
6	-1206A
7	-1206B
8	-1206C
9	-1206D
10	-1206E
11	-1206F

CUT E

Halo Cut E Sandy Nitrile Palm Coated Gloves

- 13 gauge for good dexterity
- Nitrile coating for excellent grip in wet and oily conditions
- Thumb crotch for additional abrasion resistance
- Cut resistant material: HPPE
- EN388:2016 4.X.4.3.E
- EN407:2004 X.1.X.X.X.X
- EN420:2003+A12009

EN388:2016 4.X.4.3.E

EN407:2004 X.1.X.X.X.X

Size	Order Code HAL-961
6	-2239B
7	-2239C
8	-2239E
9	-2239G
10	-2239J
11	-2239L

Halo Cut E PU Palm Gloves

- 13 gauge for good dexterity
- PU for excellent grip in dry conditions
- Thumb crotch for additional abrasion resistance
- Cut resistant material: HPPE
- EN420:2003+A1:2009
- EN388:2016 4.X.4.3.E
- EN407:2004 X.1.X.X.X.X

EN388:2016 4.X.4.3.E

EN407:2004 X.1.X.X.X.X

Size	Order Code HAL-961
6	-2237A
7	-2237C
8	-2237E
9	-2237G
10	-2237J
11	-2237L

Halo Cut D Foam Nitrile Palm Coated Gloves

- 18 gauge for excellent dexterity
- Foam nitrile coating for excellent grip in wet and oily conditions
- Cut resistant material: HPPE/ Fibreglass
- EN420:2003+A1:2009
- EN388:2016 4.X.4.2.D

EN388:2016 4.X.4.2.D

Size	Order Code HAL-961
6	-1204A
7	-1204B
8	-1204C
9	-1204D
10	-1204E
11	-1204F

Halo Cut D PU Palm Coated Gloves

- 18 gauge for excellent dexterity
- PU coating for excellent grip in dry conditions
- Cut resistant material: HPPE/Fibreglass
- EN420:2003+A1:2009
- EN388:2016 4.X.4.2.D

EN388:2016 4.X.4.2.D

Size	Order Code HAL-961
6	-1214A
7	-1214B
8	-1214C
9	-1214D
10	-1214E
11	-1214F

Halo Cut D Foam Nitrile Palm Coated Gloves

- 13 gauge for good dexterity
- Foam nitrile coating for excellent grip in wet and oily conditions
- Cut resistant material: HPPE
- EN388:2016 4.X.4.2.D
- EN407:2004 X.1.X.X.X.X
- EN420:2003+A1:2009

EN407:2004 X.1.X.X.X.X; EN388:2016 4.X.4.2.D

Size	Order Code HAL-961
6	-4840A
7	-4840B
8	-4841C
9	-4842D
10	-4843E
11	-4844F

Halo Cut D PU Palm Coated Gloves

- 13 gauge for good dexterity
- PU coating for excellent grip in dry conditions
- Thumb crotch for additional abrasion resistance
- Cut resistant material: HPPE/ Fiberglass
- EN420:2003 + A1:2009
- EN388:2016 4.X.4.2.D
- EN407:2004 X.1.X.X.X.X

EN388 4.X.4.2.D; EN407 X.1.X.X.X.X

Size	Order Code HAL-961
6	-2230A
7	-2230C
8	-2230E
9	-2230G
10	-2230J
11	-2230L

Halo Cut D PU Palm Coated Gloves

- 13 gauge for good dexterity
- PU coating for excellent grip in dry conditions
- Cut resistant material: HPPE
- EN388:2016 4.X.4.2.D
- EN407:2004 X.1.X.X.X.X
- EN420:2003 + A1:2009

EN388:2016 4.X.4.2.D; EN407:2004 X.1.X.X.X.X

Size	Order Code HAL-961
6	-4870A
7	-4871B
8	-4872C
9	-4873D
10	-4874E
11	-4875F

Halo Cut D Sandy Nitrile Pam Coated Gloves

- 13 gauge for good dexterity
- Sandy nitrile coating for excellent grip in wet and oily conditions
- Thumb crotch for additional abrasion resistance
- Cut resistant material: HPPE/ Fibreglass
- EN420:2003+A1:2009
- EN388:2016 4.X.4.2.D
- EN407:2004 X.1.X.X.X.X

EN388 4.X.4.2.D; EN407 X.1.X.X.X.X

Size	Order Code HAL-961
6	-2232B
7	-2232C
8	-2232E
9	-2232G
10	-2232J
11	-2232L

Gloves

Halo Cut C Foam Nitrile Palm Coated Gloves

NEW

- 13 gauge for good dexterity
- Foam nitrile coating for excellent grip in wet and oily conditions
- Cut resistant material: HPPE/Fibreglass

EN388 4.X.4.3 C

EN407:2004 X.1.X.X.X.X

Size	Order Code HAL-961
6	-0331X
7	-0331Y
8	-0331Z
9	-0332A
10	-0332B
11	-0332C

Halo Cut C PU Palm Coated Gloves

- 13 gauge cut C liner with PU Palm coating for excellent grip when dry or slightly damp components.
- Cut resistant material: HPPE/Fibreglass
- Cuff type: Elasticated

EN388:2016 4.X.4.2.C

EN407:2004 X.1.X.X.X.X

EN420:2003 + A1:2009

Size	Order Code HAL-961
6	-6474E
7	-6474F
8	-6474G
9	-6474H
10	-6474J
11	-6474K

Sleeves

Halo Cut C Kevlar® Sleeves

- Thumb hole allows for optimum movement whilst maintaining arterial and palm protection against cuts
- Kevlar® fibres are durable and offer a long service life even with extended use
- Sold as a single sleeve only, not as a pair

EN388:2016 1.X.4.3.C

EN407:2004 X.1.X.X.X.X

Size (in)	Order Code HAL-961
10	-4101A
14	-4102B
18	-4103C
24	-4104E

Halo Cut B Foam Nitrile Palm Coated Gloves

- 18 gauge for excellent dexterity
- Foam nitrile coating for excellent grip in wet and oily conditions
- Cut resistant material: HPPE/Fibreglass
- EN388:2016 4X42B

EN388:2016
4.X.4.2.B

Size	Order Code HAL-961
6	-1202A
7	-1202B
8	-1202C
9	-1202D
10	-1202E
11	-1202F

Halo Cut B PU Palm Coated Gloves

- 18 gauge for good dexterity
- PU coating for excellent grip in dry conditions
- Cut resistant material: HPPE/Fibreglass

EN388:2016 EN407:2004
4.X.4.2.B X.1.X.X.X.X

Size	Order Code HAL-961
6	-1212A
7	-1212B
8	-1212C
9	-1212D
10	-1212E
11	-1212F

Halo Cut B PU Palm Coated Gloves

- 13 gauge for good dexterity
- PU coating for excellent grip in dry conditions
- Cut resistant material: HPPE

EN388:2016 EN407:2004
4.X.4.2.B X.1.X.X.X.X

Size	Order Code HAL-961
6	-4860A
7	-4861B
8	-4862C
9	-4863D
10	-4864E
11	-4865F

Halo Cut B Foam Nitrile Palm Coated Gloves

- 13 gauge for good dexterity
- Foam nitrile coating for excellent grip in wet and oily conditions
- Cut resistant material: HPPE

EN388:2016 EN407:2004
4.X.4.2.B X.1.X.X.X.X

Size	Order Code HAL-961
6	-4830A
7	-4830B
8	-4831C
9	-4832D
10	-4833E
11	-4834F

Halo Fully Coated Nitrile Gloves

- 15 gauge for excellent dexterity
- Fully Nitrile coated for excellent grip in heavily oily or greasy conditions
- Thumb crotch for additional abrasion resistance

EN388:2016 4.1.3.1.X

EN407:2004 X.1.X.X.X.X

Size	Order Code HAL-961
6	-1240A
7	-1240B
8	-1240C
9	-1240D
10	-1240E
11	-1240F

Halo Sandy Nitrile Palm Coated Gloves

- 18 gauge for excellent dexterity
- Sandy nitrile coating for excellent grip in wet and oily conditions

EN388:2016 4.1.2.1.X

Size	Order Code HAL-961
6	-1230A
7	-1230B
8	-1230C
9	-1230D
10	-1230E
11	-1230F

Halo Foam Nitrile Palm Coated Gloves

- 13 gauge for good dexterity
- Foam nitrile coating for excellent grip in wet and oily conditions

EN388:2016 3.1.3.2.X

Size	Order Code HAL-961
6	-6401A
7	-6402B
8	-6403C
9	-6404D
10	-6405E
11	-6406F

Halo Sustainable Nitrile Palm Coated Gloves

- Produced using recycled plastic bottles for a more sustainable product
- 15 gauge for excellent dexterity
- Nitrile coating for excellent grip in wet and oily conditions
- Touch screen compatible

EN388:2016 4.1.2.1.X

EN407:2004 X.1.X.X.X.X

Size	Order Code HAL-961
6	-1220A
7	-1220B
8	-1220C
9	-1220D
10	-1220E
11	-1220F

Halo Foam Nitrile Palm Coated Gloves

- 13 gauge for good dexterity
- Foam nitrile coating for excellent grip in wet and oily conditions

EN388:2016 4.1.2.1.X

Size	Order Code HAL-961
6	-4819A
7	-4820B
8	-4821C
9	-4822D
10	-4823E
11	-4824F

Halo Foam Nitrile Palm Coated Gloves

- 18 gauge for excellent dexterity
- Foam nitrile coating for excellent grip in wet and oily conditions

EN388:2016 4.1.2.1.X

Size	Order Code HAL-961
6	-1231A
7	-1231B
8	-1231C
9	-1231D
10	-1231E
11	-1231F

PU Palm Coated Gloves

- 18 gauge for excellent dexterity
- PU coating for excellent grip in dry conditions
- Touchscreen compatible

EN388:2016
4.1.2.1.X

Size	Order Code HAL-961
6	-1232A
7	-1232B
8	-1232C
9	-1232D
10	-1232E
11	-1232F

Sustainable PU Palm Coated Gloves

- Produced using recycled bottles for a more sustainable product
- 15 gauge for excellent dexterity
- PU coating for excellent grip in dry conditions
- Touchscreen compatible

EN388:2016 3.1.2.1.X
EN407:2004 X.1.X.X.X.X

Size	Order Code HAL-961
6	-1221A
7	-1221B
8	-1221C
9	-1221D
10	-1221E
11	-1221F

PU Palm Coated Gloves

- 13 gauge for good dexterity
- PU coating for excellent grip in dry conditions

EN407:2004 X.1.X.X.X.X
EN420:2003 + A1:2009
EN388:2016 4.1.2.1.A

Size	Order Code HAL-961
6	-4850A
7	-4850B
8	-4851C
9	-4852D
10	-4853E
11	-4854F

PU Palm Coated Gloves

- 13 gauge for good dexterity
- PU coating for excellent grip in dry conditions
- EN420:2003+A1:2009
- EN388: 2016 4.1.4.1.X

EN388:2016
4.1.4.1.X

Size	Order Code HAL-961 White	Order Code HAL-961 Grey	Order Code HAL-961 Black
6	-6407J	-6415R	-6425A
7	-6408K	-6416S	-6426B
8	-6409L	-6417T	-6427C
9	-6410M	-6418V	-6428D
10	-6411N	-6419W	-6429E
11	-6412P	-6420X	-6430F

Halo Fully PVC Coated Gloves

- Elasticated knit wrist for protection against dirt and debris
- Cotton lining for added comfort
- PVC coating for excellent grip in wet conditions

EN388:2016

4.1.1.1.X

Size	Order Code HAL-961
8	-1381K
9	-1382K
10	-1384K

Halo Fully PVC Coated Gauntlets

- PVC coating for excellent grip in wet conditions
- Fully lined for added comfort

EN388:2016

4.1.1.1.X

Size	Length	Order Code HAL-961
9	11"	-1386K
9	14"	-1388K

Halo Seamless Latex Gloves

- 10 gauge for a comfortable fit
- Latex coating for excellent grip in dry conditions

EN388:2016

2.1.4.3.X

Size	Order Code HAL-961
7	-6435K
8	-6435L
9	-6436M
10	-6437N
11	-6438P

Mechanical Hazard Gloves

See our range

Scan the QR code

Halo Leather Gauntlets

- Gauntlet style design provides hand and wrist protection against welding sparks and grinding splash

EN388:2016 1.1.1.1.X
EN407:2020 412X4X

Size	Order Code HAL-961
10	-1650K

Halo Lined Kevlar Welders Gauntlets

- Concealed Kevlar® seams prevent burn damage
- Gauntlet style design provides hand and wrist protection against welding sparks and grinding splash
- Produced using heat resistant split leather

EN388:2016 4.1.4.4.X
EN407:2020 41314X

Size	Order Code HAL-961
10	-6630K

Halo Chrome Leather Rigger Gloves

- 2in. cuff provides wrist protection whilst working
- Elasticated back helps to prevent ingress of dirt and debris
- Cotton lining provides comfort
- PVC dots on the palm help enhance the grip
- Leather fingertips, palm and knuckle reinforcements provides extra abrasion resistance and adds durability
- Leather patch for arterial protection

EN388:2016

3.1.4.3.X

Size	Order Code HAL-961
8	-6520K
10	-6510K

Halo Split Leather Rigger Gloves

- Lined with cotton for user comfort
- 2in. cuff provides wrist protection whilst working
- Leather forefinger, palm, thumb, fingertips and knuckle reinforcements provides extra abrasion resistance and adds durability
- Elasticated back helps to prevent ingress of dirt and debris
- Leather patch for arterial protection

EN388:2016

4.1.4.4.X

Size	Order Code HAL-961
10	-6580K

Halo Pigsplit Leather Rigger Gloves

- Elasticated back helps to prevent ingress of dirt and debris
- Leather patch for arterial protection
- 2in. cuff provides wrist protection whilst working
- Leather forefinger, palm, thumb, fingertips and knuckle reinforcements provides extra abrasion resistance and adds durability
- Leather patch for arterial protection

EN388:2016

4.1.2.2.X

Size	Order Code HAL-961
10	-6570K

Halo Chrome Leather Gloves

- Cotton lining provides comfort
- Knitted cuff reduces the ingress of dirt and debris
- Reinforced thumb crotch for additional durability and abrasion resistance
- Leather fingertips, palm and knuckle reinforcements provides extra abrasion resistance and adds durability

EN388:2016

3.1.4.3.X

Size	Order Code HAL-961
10	-6500K

Halo Goatskin General Handling Gloves

- Cotton lining provides added comfort
- Touch fastening to adjust the fit and secure the gloves

Size	Order Code HAL-961
7	-4800A
8	-4801B
9	-4802C
10	-4803D

SITESAFE Leather Rigger Gloves

- 2in. cuff provides wrist protection whilst working
- Leather forefinger, palm, thumb, fingertips and knuckle reinforcements provides extra abrasion resistance and adds durability
- Leather patch for arterial protection
- Elasticated back helps to prevent ingress of dirt and debris
- PVC dots for added grip

Size	Order Code SSF-961
10	-2550K

SITESAFE Heavy Duty Leather Rigger Gloves

- 2in. cuff provides wrist protection whilst working
- Leather forefinger, palm, thumb, fingertips and knuckle reinforcements provides extra abrasion resistance and adds durability
- Additional layer of leather reinforcement on palm, thumb and index finger for added abrasion resistance
- Leather patch for arterial protection
- Elasticated back helps to prevent ingress of dirt and debris

Size	Order Code SSF-961
10	-2540K

SITESAFE Chrome Leather Rigger Gloves

- 2in. cuff provides wrist protection whilst working
- Leather forefinger, thumb, palm, fingertips and knuckle reinforcements provides extra abrasion resistance and adds durability
- Leather patch for arterial protection
- Elasticated back helps to prevent ingress of dirt and debris

Size	Order Code SSF-961
8	-2530K
10	-2520K

Halo Cowhide Drivers Gloves

- Elasticated back helps to prevent ingress of dirt and debris
- Lined version has a 100% cotton fleece lining for added comfort

Size	Type	Order Code HAL-961
10	Lined	-1358K
10	Unlined	-1355K

Halo Cowhide Rigger Gloves

- Fleece lining for added comfort
- Elasticated back helps to prevent ingress of dirt and debris
- 2in. cuff provides wrist protection whilst working
- Leather forefinger, palm, thumb, fingertips and knuckle reinforcements provides extra abrasion resistance and adds durability
- Leather patch for arterial protection

Size	Order Code HAL-961
10	-1290K

SITESAFE Furniture Hide Leather Rigger Gloves

- 2in. cuff provides wrist protection whilst working
- Leather forefinger, palm, thumb, fingertips and knuckle reinforcements provides extra abrasion resistance and adds durability
- Leather patch for arterial protection

Size	Order Code SSF-961
10	-2560K

SITESAFE Chrome Leather General Handling Gloves

- Knitted cuff reduces the ingress of dirt and debris

Size	Order Code SSF-961
8	-2510K
10	-2500K

SITESAFE Split Leather Gauntlets

- Extended cuff for wrist protection
- Fleece lined hand and cotton lined cuff for added comfort

CE CAT I

Size	Colour	Order Code SSF-961
11	Green	-1610K
11	Red	-1620K

SITESAFE General Handling Gloves

- Can be used for general handling or as a glove liner
- Inset fingers and thumb provides increased comfort and enhanced fit

PACK OF 12

Size	Order Code SSF-961
8	-3010K
10	-3000K

TUFFSAFE General Handling Gaunlets

Ideal for handling intermittently hot objects and materials in high-heat environments.

- Full coating material: Leather
- Lining material: Cotton fleece & cuffs
- Split leather one-piece backs
- Two-piece lining
- Fleece hand
- Size 11

CE CAT I

Colour	Order Code TFF-961
Green	-1600K
Red	-1620K

SITESAFE Stockinette Glove Liner

- Lightweight and breathable

PACK OF 12

Size	Order Code SSF-961
8	-3030K
10	-3020K

SITESAFE Rigger Gloves

- Offers extra protection against low-impacts on the base of the wrist
- The glove is made from a heavier material for greater wear and tear
- Elasticated backs for a secure fit to protect hands from dust and debris
- A 2" reinforced cuff patch offers arterial protection

Size	Order Code SSF-961
10	-1320K

Halo Nitrile Diamond Grip Disposable Gloves, 8.6g

- Powder free ambidextrous gloves
- Seam free for comfort
- Diamond pattern for increased grip
- Useful for heavier duty work
- Disposable gloves reduce the risk of cross contamination
- Great alternative for those who have a latex allergy
- AQL level 1.5
- Food safe

EN ISO 374-1:2016 Type B JKPT

EN ISO 374-5:2016

PACK OF 50

Size	Order Code HAL-961
S	-4200A
M	-4200B
L	-4200C
XL	-4200D
2XL	-4200E

Halo Nitrile Disposable Gloves, 5g

- Powder free ambidextrous gloves
- Seam free for comfort
- Useful for medium duty work
- Disposable gloves reduce the risk of cross contamination
- Great alternative for those who have a latex allergy
- AQL level 1.5
- 100 pack
- Food safe

EN ISO 374-1:2016 Type B KPT

EN ISO 374-5:2006

PACK OF 100

Size	Order Code HAL-961
XS	-4165A
S	-4175A
M	-4185A
L	-4195A
XL	-4105A
2XL	-4115A

Halo Nitrile Disposable Gloves, 3.5g

- Powder free ambidextrous gloves
- Seam free for comfort
- Useful for medium duty work
- Disposable gloves reduce the risk of cross contamination
- Great alternative for those who have a latex allergy
- AQL level 1.5
- Food safe

EN ISO 374-1:2016 Type B KPT

EN ISO 374-5:2006

PACK OF 100

Size	Order Code HAL-961
XS	-4163A
S	-4173A
M	-4183A
L	-4193A
XL	-4103A
2XL	-4113A

Gel Knee Pads
215 x 185mm, Single

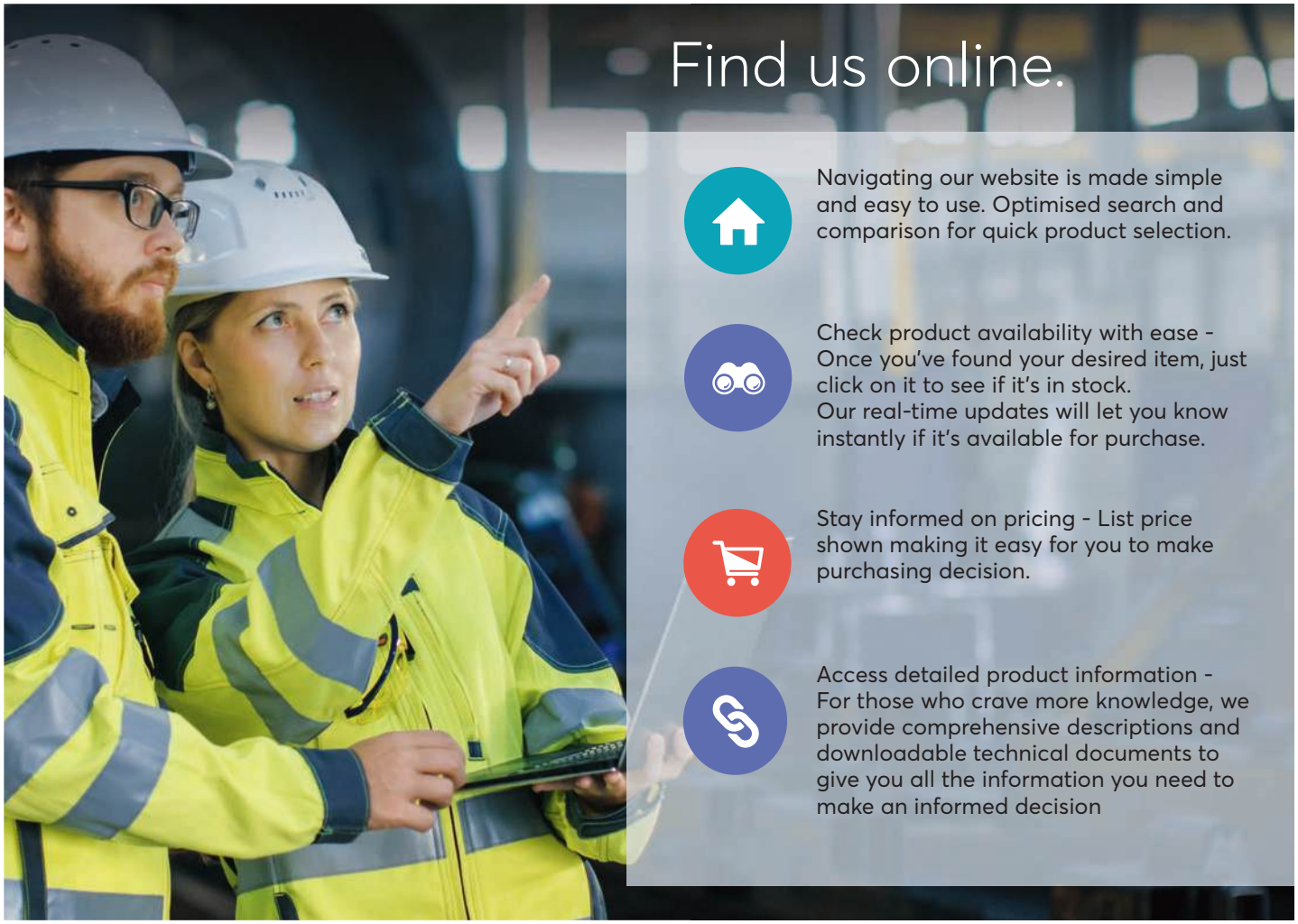
- Thick silicone gel adapts to your kneecap
- Tough abrasion resistant PVC shell
- 2 adjustable straps provides great flexibility when fitting and comfort to behind the knee
- EN 14404:2004+A1:2010 Type 1 Level 1

Size	Order Code HAL-962
215 x 185mm	-8844G

Work Trouser Knee Pad Inserts
215 x 165mm, 1 Pair

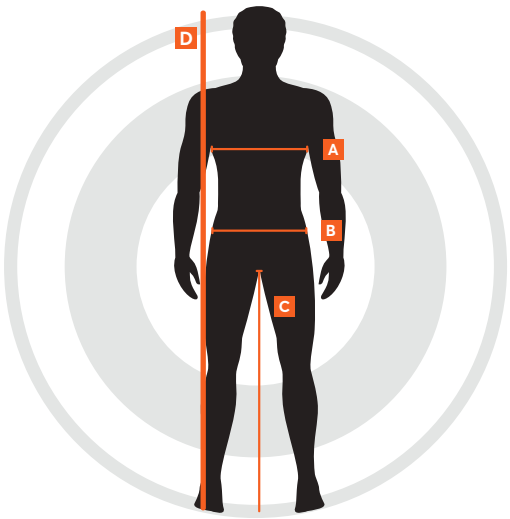
- Ergonomic design providing durable, comfortable protection
- Does not impede when walking
- Fits into trouser knee pad pockets
- EN 14404:2004+A1:2010 Type 2 level 0

Size	Order Code HAL-962
215 x 165mm	-8820A



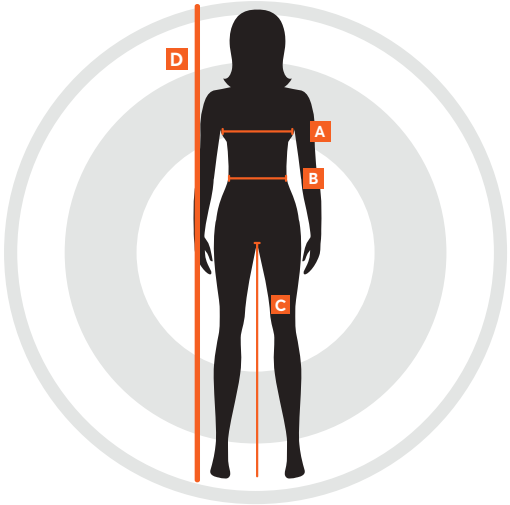
Halo®

Measuring Guide



Men

Size	A Chest		B Waist		C Inside Leg	D Height
	(in)	(cm)	(in)	(cm)	(cm)	(cm)
XS	32 - 34	81 - 86	30 - 32	76 - 81.5	105	157-160
SMALL	35 - 37	87 - 94	33 - 35	84 - 89	107	160 - 163
MEDIUM	38 - 40	97 - 102	36 - 38	91.5 - 96.5	107	163-166
LARGE	41 - 43	104 - 109	39 - 41	99 - 104	109	166 -169
XL	44 - 46	112 - 117	42 - 44	106.5 - 111.5	109	169 - 172
2XL	47 - 49	119 - 125	45 - 47	114.5 - 119.5	111	172 - 175
3XL	50 - 52	126 - 132	48 - 50	122 - 127	111	175 - 178
4XL	52 - 54	132 - 137	51 - 53	129.5 - 134.5	113	178 - 181
5XL	56 - 58	142 - 147	54 - 56	137 - 142	113	181 - 183
6XL	60 - 62	152 - 157	57 - 58	144.5 - 149.5	115	183 - 186



Women

Size	A Bust		B Waist	C Inside Leg	D Height
	(in)	(cm)	(cm)	(cm)	(cm)
6	31-33	76-80	66-70	105	154-157
8	33-35	80-84	71-75	105	157-160
10	35-37	84-92	76-80	107	160 - 163
12	37-39	92-102	81-86	107	163-166
14	39-43	102-108	87-93	109	166 -169
16	43-46	108-116	94-99	109	169 - 172
18	46-49	116-124	100-106	111	172 - 175
20	49-52	124-132	107-112	111	175 - 178
22	52-55	132-140	113-119	113	178 - 181
24	55-58	140-148	120-125	113	181 - 183
26	58-61	148-156	126-132	115	183 - 186
28	61-63	156 - 164	133- 139	115	186 - 189

Halo®

Product Quality

Product quality is extremely important to us. We are proud members of the BSIF and are part of their Recommended Safety Scheme Suppliers (RSSS) programme. We are also SATRA and British Safety Council members. We batch test our Halo products with the BSi as we believe in having the most stringent quality checks performed to ensure we continue to develop excellent quality products for our customers.

BSiF Registered Safety Supplier

SATRA TECHNOLOGY

Power. Precision. Perfection. KOBE

We are continually improving our impact on the planet by working on removing all unnecessary packaging

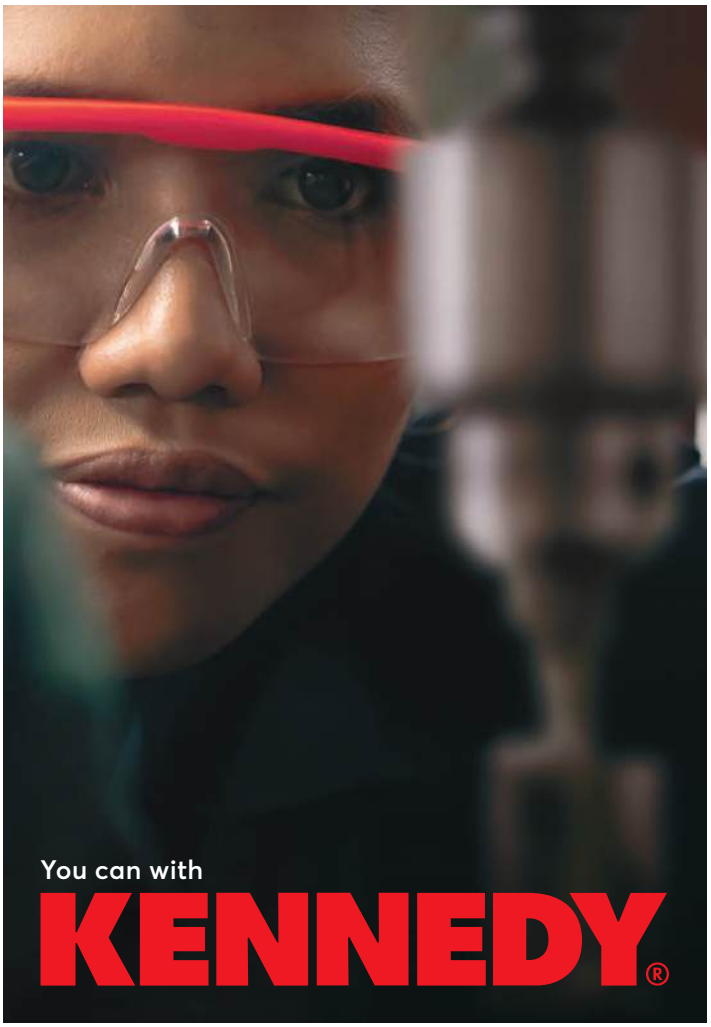
Halo

Workwear

Our new range of Halo workwear has been carefully designed to not only be comfortable and perform well, but to be kinder on the planet. We've chosen manufacturing partners that can support the full recycling of products into rPET pellets which are then converted to REPREVE yarn and can then be used to make new clothing.

How it works.

- When garments reach the end of their useful lives, they are returned for processing
- Our manufacturing partner's unique technology returns the polyester to fibre grade rPET pellets
- The rPET can be made into REPREVE yarn and used for all kinds of polyester clothing
- Designed to be recycled garments are identified by the infinitee mark and QR code on the label



Halo Hi-Vis Vests, 1 Band & Brace

- Manufactured from durable polyester for product longevity
- 1 Band & Brace reflective tape design for optimal visibility
- Hook and loop closure type for quick and easy fitting
- Available in either yellow or orange to suit your needs
- Halo® products are BSI tested
- EN ISO 20471:2013 + A1:2016 Class 2
- RIS-3279-TOM (orange only)

Size	Order Code HAL-962	
Yellow		
M	-4211B	N/A
L	-4212C	N/A
XL	-4213D	N/A
2XL	-4214E	N/A
3XL	-4215F	N/A
Orange		
M	-4241B	N/A
L	-4242C	N/A
XL	-4243D	N/A
2XL	-4244E	N/A
3XL	-4245F	N/A

Halo Hi-Vis Lightweight Jackets, 2 Band & Brace

- Lightweight design for optimum comfort
- 100% polyester construction which is oil and stain-resistant for durability
- 2 Band & Brace reflective tape design around the sleeves, waist, shoulders and back with a 300m reflective distance to ensure maximum visibility
- Halo® products are BSI tested
- EN 20471
- RIS-3279-TOM (Orange only)

Size	Order Code HAL-962	
Yellow		
M	-4411B	N/A
L	-4412C	N/A

Waterproof Jackets

See our range

Scan the QR code

Zipper Closure Vests

See our range

Scan the QR code

Hook & Loop Closure Vests

See our range

Scan the QR code

Men's Hi-Vis 5-in-1 Jacket

- Fully waterproof with scooped hem for additional coverage
- Storm flap with concealed zip for added weather protection
- Reflective tape to ensure visibility at night
- Funnel neck and adjustable cuffs help protect against the elements
- Removable hood with adjustable toggle
- Versatile inner gilet with zip off sleeves
- Pockets and ID holder provide convenient storage
- Durable YKK zips
- Option to brand to your corporate requirements
- Halo® products are BSI batch tested
- CE Certified
- EN ISO 20471:2013 + A1:2016
- EN 343:2003 3:2
- RIS-3279-TOM (orange only)

Size	Order Code HAL-962
Orange	
XS	-7573N
S	-7573P N/A
M	-7573Q N/A
L	-7573R N/A
XL	-7573T N/A
2XL	-7573U N/A
3XL	-7573V N/A
4XL	-7573W N/A
5XL	-7573X
6XL	-7573Y

5-in-1 Jackets

See our range

Scan the QR code

Bomber Jackets

See our range

Scan the QR code

Fleeces

See our range

Scan the QR code

Halo SMS Type 5 & 6 Disposable Hooded Coveralls

- Material: SMS nonwoven fabric
- 55gsm
- Closure type: 1-way zip with 1-ply stormflap
- Liquid repellent
- Long sleeves
- Hooded
- Inside stitching
- Breathable
- Offers protection to exposed neck areas
- Elasticated cuffs, back and ankles
- Covershoes and gloves supplied separately
- CE Type 5 & 6
- EN13034 (Type 6)
- EN13982-1 (Type 5)
- CAT III

5 EN ISO 13982-1 6 EN 13034

Size	Order Code HAL-962
Blue	
S	**-3800A**
M	**-3801B**
L	**-3802C**
XL	**-3803D**
2XL	**-3804E**
3XL	**-3805F**
4XL	**-3806G**
White	
S	**-3810A**
M	**-3811B**
L	**-3812C**
XL	**-3813D**
2XL	**-3814E**
3XL	**-3815F**
4XL	**-3816G**

Micro-Porous Coveralls

See our range

Scan the QR code

Dual Coveralls

See our range

Scan the QR code

Tyvek® 200 Hooded Coveralls
White, Type 5 & 6

- Elasticated hood, cuffs, back and ankles
- 2-piece hood ensures protection regardless of the head's angle
- Yellow external seams for easy visual identification

EN ISO 13982-1 | EN 13034 | EN 1073-2 | EN 1149-5

Size	Order Code HAL-962
S	-8239A
M	-8239B
L	-8239C
XL	-8239D
2XL	-8239E
3XL	-8239F

Microporous Sleeves
White, Pack of 100

- Microporous material provides protection from splashes
- Elasticated at the wrist
- EN14325:2004

EN 14126 | EN 13688 | EN 13034: 2005

Order Code HAL-962
-9901L

Microporous Overboots & Shoes
White, Pack of 50

- Microporous material provides protection from splashes
- Boots ties around the ankle
- EN14325:2004

EN 13688 | EN 1149-5 | EN 14126 | EN 13034: 2005

Type	Order Code HAL-962
Overboots	-9900B
Overshoes	-9900S

Data supplied by the HSE states that Slips and Trips is still the largest cause of reportable incidents.

A clean and tidy work-place, teamed with the correct footwear can help reduce slip/trip accidents

The standard is changing

Products to EN 20345:2011 & EN ISO 20345:2022 are legal for the next few years as the old products are phased out and new products to the new standard launched.

EN 20345:2011

Classification	SB	SBP	S1	S1P	S2	S3	S4	S5
200 Joule toecap	•	•	•	•	•	•	•	•
Protection from upward penetration		•		•		•		•
Fully enclosed energy absorbing heel			•	•	•	•	•	•
Anti-static			•	•	•	•	•	•
Water resistant upper					•	•		
Cleated outsole						•		•
Waterproof upper							•	•

EN 20345:2022

Classification	SB	SBP	S1	S1P	S1PL	S1PS	S2	S3	S3L	S3S	S4	S5	S5L	S5S	S6	S7	S7L	S7S
Protective toe cap	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Mandatory slip resistance	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Closed seat region		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Electrical resistance		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Energy absorption under the heel		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Metal insert type P				•				•				•				•		
Non-metal insert type PL					•				•				•				•	
Non-metal insert type P5						•				•				•				•
Water-penetration and absorption							•	•	•	•					•	•	•	•
Cleated outsole								•	•	•		•	•	•		•	•	•
WR															•	•	•	•

Applicable Standards

EN ISO 20345: 2011. Safety Footwear with 200j Toecaps

EN ISO 20346: 2014. Protective Footwear with 100j Toecaps

EN ISO 20347:2017. Occupational Footwear

EN ISO 20345:2022. Safety Footwear with 200j Toecaps

HRO	Heat Resistant Outsole
HI	Sole insulated against heat
CI	Sole insulated against cold
WR	Water Proof

Slip Resistance

Slip resistance is covered by **EN ISO 20344:2004 (A1: 2007)**. Footwear which has passed the EN test for slip resistance will be marked with one of the following codes

SRA	Slip resistance on ceramic tile floors with sodium lauryl sulfate solution (SLS)
SRB	Slip resistance on steel floors with glycerol
SRC	Passed both SRA and SRB tests

M	Metatarsal Protection
ESD	ElectroStatic Dissipative
FO	Sole resistant to fuel oils
E	Energy absorbing seat
P	Penetration resistant midsole

Class I	Footwear made entirely of leather and other materials
Class II	All entirely moulded footwear
SBH	Hybrid footwear that cannot be classified as either I or II
SB	Safety toe cap protection only, tested with 200 J impact and 15 KN compression force
S1	Class 1 + Closed heel area + SB + A + E
S2	As S1 + WPA
S3	(Metal insert type P) as S2 + P + Cleated outsole
S3L	(Non-metal insert type PL) as S2 + PL + Cleated Outsole
S3S	(Non-metal insert type PS) as S2 + PS + Cleated Outsole
S4	Upper material of all Rubber or Polymeric as SB + Closed heel area + A + E
S5	(Metal insert type P) as S4 + P + Cleated Outsole
S5L	(Non-metal insert type PL) as S4 + PL + Cleated Outsole
S5S	(Non-metal insert type PS) as S4 + PS + Cleated Outsole
S6	As S2 + WR
S7	(Metal insert type P) as S3 + WR
S7L	(Non-metal insert type PL) as S3 + WR
S7S	(Non-metal insert type PS) as S3 + WR
LG	Ladder grip
SC	Scuff cap abrasion
PL	(Non-metal insert type PL) Penetration resistant outsole: Lowest penetration value required shall not be less than 1100N and no seperation of the layers shall occur during all tests
PS	(Non-metal insert type PS) Penetration resistant outsole: Average penetration value shall not be less than 1100N
A	Anti=static: Electrical resistance between foot and ground of between 0.1 and 1000 Mega Ohms*
C	Partially conductive footwear. The electrical resistance shal not be greater than 0.1 Mega Ohms between foot and ground*
WPA	Water penetration and absorption (water resistant and breathable)
AN	Ankle protectionL 10N impact means transferred force shall not exceed 10KN and no single value shall exceed 15KN
CR	Cut resistant upper: Cut resistance to exceed 2.5 on the index
SR	SR slip resistance test features glycerine on ceramic tile surface. Replaces SRA SRB SRC
Ø	No test given - for footwear featuring spikes or studs on sole

How To Select The Right Protection

Footwear Selection

Wear foot protection to ensure protection in hazardous conditions. Data supplied by the HSE states that Slips and Trips is still the largest cause of reportable incidents. A clean and tidy workplace plus the correct footwear can help to reduce slips and trips plus other accidents.

EN 20345:2011

Classification	SB	SBP	S1	S1P	S2	S3	S4	S5
200 Joule toecap	•	•	•	•	•	•	•	•
Protection from upward penetration		•		•		•		•
Fully enclosed energy absorbing heel			•	•	•	•	•	•
Anti-static properties			•	•	•	•	•	•
Water resistant upper					•	•	•	
Cleated outsole						•		•
Waterproof upper							•	•

EN 20345:2022

Classification	SB	SBP	S1	S1P	S1PL	S1PS	S2	S3	S3L	S3S	S4	S5	S5L	S5S	S6	S7	S7L	S7S
Protective toe cap	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Mandatory slip resistance	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Closed seat region		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Electrical resistance		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Energy absorption under the heel		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Metal insert type P				•				•				•				•		
Non-metal insert type PL					•				•				•				•	
Non-metal insert type P5						•				•				•				•
Water-penetration and absorption							•	•	•	•					•	•	•	•
Cleated outsole								•	•	•		•	•	•		•	•	•
WR															•	•	•	•

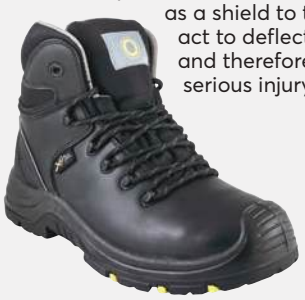
Sizing Guide (Sizes are not standard)

UK	2	3	4	5	6	6.5	7	8	9	10	10.5	11	12	13	14	14.5	15	16
Europe	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52

NOTE: Most shoe companies do not use absolutely correct size conversions and so it is quite common to have some variation from these tables. The table represents the 'best fit' solution i.e. calibrated to the nearest size to its counterpart.

M

Safety Footwear that has metatarsal protection has an addition layer of material over the top of the foot to protect the metatarsal bones. This material can be flexible e.g Poron XRD, which hardens on impact and then softens again, maintaining the flexibility of the footwear or a hard material that acts as a shield to the top of the foot. Both act to deflect the energy of the impact and therefore save the foot from more serious injury.



S5

A waterproof polymer or rubber upper with a 200j toecap, anti-static properties, midsole protection, a fully enclosed and energy absorbing heel area gives this footwear the highest specification. (See Wellingtons for these products).

S3

Footwear with an S3 specification has a 200j toecap, midsole protection, anti-static properties and a fully enclosed energy absorbing heel area.

S2

This specification has the same features as S1 but also has a water resistant upper.

Halo S1P Safety Boot

S1P
SRC

- Leather upper
- Steel toe cap and midsole provides protection in the workplace
- The EVA insole and padded tongue and collar provide additional comfort
- Supplied with an additional pair of laces
- EN ISO 20345:2011

Size	Order Code HAL-963
3	-1003K N/A
4	-1004K N/A
5	-1005K N/A
6	-1006K N/A
7	-1007K N/A
8	-1008K N/A
9	-1009K N/A
10	-1010K N/A
11	-1011K N/A
12	-1012K N/A
13	-1013K N/A

S3 Trainers

See our range

Scan the QR code

Womens S1P- Boots

See our range

Scan the QR code

Halo S3 Metatarsal Protection Safety Boot

S3
M
SRC

- Leather upper
- Poron XRD provides impact protection to the top of the foot
- Steel toe cap and midsole protects you in the workplace
- The EVA insole and padded tongue and collar provide additional comfort
- Supplied with an additional pair of laces
- EN ISO 20345:2011

Size	Order Code HAL-963
3	-1073Z N/A
4	-1074A N/A
5	-1074B N/A
6	-1074C N/A
7	-1074E N/A
8	-1074G N/A
9	-1074J N/A

Size	Order Code HAL-963
10	-1074L N/A
11	-1074N N/A
12	-1074Q N/A
13	-1074S N/A
14	-1074T N/A
15	-1074V N/A

WP Metatarsal Boots

See our range

Scan the QR code

S3 Metatarsal Boots

See our range

Scan the QR code

Halo Womens S3 Metatarsal Safety Boot

S3
M
HRO
WR
SRC

- Leather upper, heat resistant sole and Metatarsal protection make this the idea boot for many working environments
- Composite toe cap and midplate provides lightweight, flexible protection in the workplace
- Non-metallic
- Waterproof
- The EVA insole and padded tongue and collar provide additional comfort
- Scuffcap reduced the risk of damaging the leather
- Poron XRD® provides impact protection to the top of the foot
- EN ISO 20345:2011
- Supplied with a spare pair of laces

Size	Order Code HAL-963
3	-1088A N/A
4	-1088B N/A
5	-1088C N/A
6	-1088D N/A
7	-1088E N/A
8	-1088F N/A

Metatarsal Hiker Boots

See our range

Scan the QR code

Metatarsal Trainers

See our range

Scan the QR code

PRECISION POWER FOR EVERY JOB

Do not compromise. Choose Kobe for unparalleled performance and reliability.
Your projects deserve nothing less than the best.

Ready to take your work to the next level? Discover the Kobe difference today and experience excellence at your fingertips!

Power. Precision. Perfection.

KOBE™

You can with
Kennedy.

Quality tools
by **Cromwell**®

With Kennedy tools in your hands, you can build more. You can build a reputation.

Throughout your working life, Kennedy is working to support you – with the tools you need to do the best job you can. We're there when you start your career. We're with you as you build your professional reputation. We're here to help you achieve your full potential in your industry. The work starts today.

KENNEDY®

Conversions - spanner & socket sizes

Head Size (Spanner Size, Across Flats)	Thread Size M			
mm	German (BRD) metric according to DIN and ISO	France N F E 27-311 (69) 27-411 (69)	Sweden S M S 2164 - 1967 2175 - 1971	Metric for DIN 6914 - 6915
4	2		2 & 2.2	
4.5	2.3			
5	2.5		2.5	
5.5	3	3	3 & 3.5	
6	3.5	3.5		
7	4	4	4 & 4.5	
8	5	5	5	
9	5 Alt			
10	6	6	6	
11	7	7	7	
12				
13	8	8	8	
14	8 Alt			
15	10 KFZ			
16				
17	10	10	10	
18				
19	12	12	12	
20				
21				
22	14	14	14	12
23				
24	16	16	16	
25				
26				
27	18	18	18	16
28				
				18
30	20	20	20	
32	22	22	22	20
36	24	24	24	22
38				
41	27	27	27	24
46	30	30	30	27
50	33	33	33	
55	36	36	36	
60	39	39	39	
65	42	42	42	
70	45	45	45	
75	48	48	48	
80	52	52	52	
85	56	56	56	
90	60	60	60	
95	64	64	64	
100	68	68	68	
105	72	72	72	
110	76	76	76	
115	80	80	80	
120	85	85	85	
125				
130	90	90	90	
135	95	95	95	
140				
145	100	100	100	
150	105	105	105	
155	110	110	110	
160				
165	115	115	115	
170	120	120	120	

Head Size (Spanner Size, Across Flats)			Thread Size UN						
			Unified Standard		ANSI B 18.2.1 - 1972				
			Nominal Series	Heavy Series	Nuts			Bolts & Screws	
AF	Inch Decimal	mm Equivalent			Square Bolt Hex Bolt Hex Cap Screw (Finished Hex Bolt) Lag Screw	Heavy Hex Bolt Heavy Hex Screw Heavy Structural Bolt	Hex Flat Hex Flat Jam Hex Jam Hex Slotted Hex Thick Slotted Hex Castle	Heavy Square Heavy Hex Flat Heavy Hex Flat Jam Heavy Hex Heavy Hex Jam Heavy Hex Slotted	Square Nut
5/32	0.1562	3.97							
3/16	0.1875	4.76							
7/32	0.2187	5.56							
1/4	0.2500	6.35							
9/32	0.2812	7.14			No. 10				
5/16	0.3125	7.94							
11/32	0.3438	8.73							
3/8	0.3750	9.52							
13/32	0.4062	10.32							
7/16	0.4375	11.11	1/4		1/4		1/4		1/4
1/2	0.5000	12.70	5/16	1/4	5/16		5/16	1/4	
9/16	0.5625	14.29	3/8	5/16	3/8		3/8	5/16	5/16
19/32	0.5938	15.08							
5/8	0.6250	15.88	7/16		7/16				3/8
11/16	0.6875	17.46		3/8			7/16	3/8	
3/4	0.7500	19.05	1/2	7/16	1/2		1/2	7/16	7/16
25/32	0.7812	19.84							
13/16	0.8125	20.64	9/16		9/16				1/2
7/8	0.8750	22.22		1/2		1/2	9/16	1/2	
15/16	0.9375	23.81	5/8		5/8		5/8	9/16	
1	1.0000	25.40							5/8
1 1/16	1.0625	26.99		5/8		5/8		5/8	
1 1/8	1.1250	28.58	3/4		3/4		3/4		3/4
1 3/16	1.1875	30.16							
1 1/4	1.2500	31.75		3/4		3/4		3/4	
1 5/16	1.3125	33.34	7/8		7/8		7/8		
1 3/8	1.3750	34.92							
1 7/16	1.4375	36.51		7/8		7/8		7/8	
1 1/2	1.5000	38.10	1		1		1		1
1 5/8	1.6250	41.28		1		1		1	
1 11/16	1.6875	42.86	1 1/8		1 1/8		1 1/8		1 1/8
1 3/4	1.7500	44.45							
1 13/16	1.8125	46.04		1 1/8		1 1/8		1 1/8	
1 7/8	1.8750	47.62	1 1/4		1 1/4		1 1/4		1 1/4
2	2.0000	50.80		1 1/4		1 1/4		1 1/4	
2 1/16	2.0625	52.39	1 3/8		1 3/8		1 3/8		1 3/8
2 3/16	2.1875	55.56		1 3/8		1 3/8		1 3/8	
2 1/4	2.2500	57.15	1 1/2		1 1/2		1 1/2		1 1/2
2 3/8	2.3750	60.32		1 1/2		1 1/2		1 1/2	
2 7/16	2.4375	61.91			1 5/8				
2 9/16	2.5625	65.09				1 5/8		1 5/8	
2 5/8	2.6250	66.68	1 3/4		1 3/4				
2 3/4	2.7500	69.85		1 3/4		1 3/4		1 3/4	
2 13/16	2.8125	71.44			1 7/8				
2 15/16	2.9375	74.61				1 7/8		1 7/8	
3	3.0000	76.20	2		2				
3 1/8	3.1250	79.38		2		2		2	
3 3/8	3.3750	85.72	2 1/4		2 1/4				
3 1/2	3.5000	88.90		2 1/4		2 1/4		2 1/4	
3 3/4	3.7500	95.25	2 1/2		2 1/2				
3 7/8	3.8750	98.42				2 1/2		2 1/2	
4 1/8	4.1250	104.78	2 3/4		2 3/4				
4 1/4	4.2500	107.95		2 3/4		2 3/4		2 3/4	
4 1/2	4.5000	114.30	3		3				
4 5/8	4.6250	117.48		3		3		3	
4 7/8	4.8750	123.82			3 1/4				
5	5.0000	127.00						3 1/4	
5 1/4	5.2500	133.35			3 1/2			3 1/2	
5 3/8	5.3750	136.52						3 1/2	
5 5/8	5.6250	142.88			3 3/4			3 3/4	
5 3/4	5.7500	146.05						3 3/4	
6	6.0000	152.40			4			4	
6 1/8	6.1250	155.58						4	

Head Size (Across Flats)		Thread Size (Spanner Size) BS	
Inch Decimal	mm Equivalent	**BA & BSW**	**BSF**
0.152	3.86	**8BA**	
0.172	4.37	**7BA**	
0.193	4.90	**6BA**	
0.220	5.59	**5BA**	
0.248	6.30	**4BA**	
0.256	6.50	**1/16W**	
0.282	7.16	**3BA**	
0.297	7.54	**3/32W**	
0.324	8.23	**2BA**	
0.340	8.64	**1/8W**	**(3/16)**
0.365	9.27	**1BA**	
0.413	10.49	**0BA**	**(7/32)**
0.445	11.30	**3/16W**	**1/4**
0.525	13.34	**1/4W**	**5/16**
0.600	15.24	**5/16W**	**3/8**
0.710	18.03	**3/8W**	**7/16**
0.820	20.83	**7/16W**	**1/2**
0.920	23.37	**1/2W**	**9/16**
1.010	25.65	**9/16W**	**5/8**
1.100	27.94	**5/8W**	**(11/16)**
1.200	30.48	**11/16W**	**3/4**
1.300	33.02	**3/4W**	**7/8**
1.390	35.31	**13/16W**	**(15/16)**
1.480	37.59	**7/8W**	**1**
1.670	42.42	**1W**	**1 1/8**
1.860	47.24	**1 1/8W**	**1 1/4**
2.050	52.07	**1 1/4W**	**1 3/8**
2.220	56.39	**1 3/8W**	**1 1/2**
2.410	61.21	**1 1/2W**	**1 5/8**
2.580	65.53	**1 5/8W**	**1 3/4**
2.760	70.10	**1 3/4W**	**2**
	76.70	**1 7/8W**	
3.150	80.01	**2W**	**2 1/4**
3.550	90.17		**2 1/2**
3.890	98.81		**2 3/4**
4.180	106.17		**3**
4.530	115.06		**3 1/4**
4.850	123.19		**3 1/2**
5.180	131.57		**3 3/4**
5.550	140.97		**4**
6.380	162.05		**4 1/2**

C = Centigrade
F = Fahrenheit
ft = Feet
g = Gram
gal = UK Gallon
hp = Horse Power
in = Inch
K = Kelvin
kg = Kilogram
km = Kilometre
Kw = Kilowatt
l = Litre
lb = Pound
mm = Millimetre
mtr = Metre
oz = Ounce
pt = UK Pint
yd = Yard

To Convert From Imperial	To Metric	Multiply By
°F	°C	°C=(°F -32) x 5/9
°F	°K	°K=°C + 271.3
ft	mtr	0.3048
ft^2	mtr^2	0.092903
ft^3	mtr^3	0.028317
ft-lbs	kg-m	0.13826
ft-tons	tonne-mtr	0.3097
gal	ltr	4.54609
gal/ft^2	ltr/m^2	48.905
grains/gal	gm/ltr	0.01425
hp	kw	0.7457
in	mm	25.40
in^2	cm^2	6.4516
in^2	mm^2	645.16
in^3	cm3 (cc)	16.3871
in-tons	kg-m	25.8
lb	kg	0.45360
lb/ft	kg/m	1.488
lb/ft2	kg/m^2	4.883
lb/ft^3	kg/m^3	15.020
lb/gall	kg/ltr	0.09983
lb/in^2 (PSI)	kg/cm^2	0.07037
lb/in^2 (PSI)	kg/mm^2	0.0007037
lb/in^2 (PSI)	kg/mtr^2	703.7
lb/mile	kg/km	0.2818
lb/yd	kg/m	0.496
lb/yd^3	kg/m^3	0.5933
nautical mile	km	1.8532
miles	km	1.60934
$miles^2$	km^2	2.58999
oz	g	28.3495
pt	ltr	0.568261
tons	tonnes (1000kg)	1.01605
tons/ft	kg/m	3333.33
$tons/ft^2$	$tonnes/m^2$	10.936
$tons/in^2$	kg/mm^2	1.575
$tons/in^2$	n/mm^2	15.444
tons/yd	kg/m	1111.11
$tons/yd^2$	$tonnes/m^2$	1.215
$tons/yd^3$	$tonnes/m^3$	1.329
yd	mtr	0.9144
yd^2	mtr^2	0.836127
yd^3	mtr^3	0.764555

To Convert From Metric	To Imperial	Multiply By
°C	°F	°F=(°Cx9/5)+32
°K	°F	°F=(°K-271.3)x1.8+32
cm^2	in^2	0.155
cm^3 (cc)	in^3	0.06102
g	oz	0.035274
gm/ltr	grains/gal	70.156
kg	lb	2.2046
kg/cm^2	lb/in^2 (PSI)	14.223
kg/km	lb/mile	3.548
kg/ltr	lb/gal	10.022
kg/m	lb/ft	0.672
kg/m	lb/yd	2.016
kg/m	tons/ft	0.0003
kg/m	tons/yd	0.0009
kg/m^2	lb/ft^2	0.2048
kg/m^3	lb/ft^3	0.0624
kg/m^3	lb/yd^3	1.686
kg/mm^2	lb/in^2 (PSI)	1421.06
kg/mm^2	$tons/in^2$	0.635
kg/mtr^2	lb/in^2 (PSI)	0.00142
kg-m	in-tons	0.03875
kg-m	ft-lbs	7.233
km	nautical miles	0.5396
km	miles	0.62137
km^2	$miles^2$	0.38610
kw	hp	1.341
ltr	gal	0.21997
ltr	pt	1.75975
ltr/m^2	$gall/ft^2$	0.0204
mm	in	0.03937
mm^2	in^2	0.00155
mtr	yd	1.09361
mtr	ft	3.28084
mtr^2	yd^2	1.19599
mtr^2	ft^2	10.76391
mtr^3	yd^3	1.30795
mtr^3	ft^3	35.31467
N/mm^2	$tons/in^2$	0.06475
tonne-m	ft-tons	3.229
tonnes (1000kg)	tons	0.9842
$tonnes/m^2$	$tons/ft^2$	0.0914
$tonnes/m^2$	$tons/yd^2$	0.823
$tonnes/m^3$	$tons/yd^3$	0.752

Metric Weight

10 Milligrams	1 Centigram
10 Centigrams	1 Decigram
10 Decigrams	1 Gram
10 Grams	1 Decagram
10 Decagram	1 Hectogram
10 Hectograms	1 Kilogram
10 Kilograms	1 Myriagram

Metric Length

10 Millimetres	1 Centimetre
10 Centimetres	1 Decimetre
10 Decimetres	1 Metre
10 Meters	1 Decametre
10 Decametres	1 Hectometre
10 Hectometres	1 Kilometre
10 Kilometres	1 Myriametre
1 Metre	1.094 Yards, 39.371in

Metric Surface Area

1 sqmtr	1 Centiares
10 Centiares	1 Deciare
10 Deciares	1 Are, (100 sq metres)
10 Ares	1 Dekare
10 Dekares	1 Hectare (10,000 sqmtr)
100 Hectares	1 Sq km

Metric Capacity

10 Millilitres	1 Centilitre
10 Centilitres	1 Decilitre
10 Decilitres	1 Litre
10 Litres	1 Decalitre
10 Decalitres	1 Hectolitre
10 Hectolitres	1 Kilolitre

Apothecaries' Weight
Used for Dispensing Drugs, etc.

20 Grains	1 Scruple
3 Scruples	1 Dram
8 Drams	1 Ounce
12 Ounces	1 Pound

Apothecaries' Fluid Measure

60 Minims	1 Dram
8 Drams	1 Ounce
20 Ounces	1 Pint
8 Pints	1 Gallon

Troy Weight

24 Grains	1 Pennyweight
20 Pennyweight	1 Ounce (480 Grains)
12 Ounces	1 Pound (5760 Grains)

Diamonds and Pearls are weighed by Carats, of 4 grains each (equal to 3.2 Troy grains). The Troy ounce is equal to 150 Diamond Carats. Gold, when pure, is 24 Carats fine; if it contains one part alloy it is said to be 23 Carats, and so on.

Imperial Weight (Avoirdupois)
Used for General Merchandise

16 Drams	1 Ounce (437½ Grains Troy)
16 Ounces	1 Pound (7000 Grains Troy)
14 Pounds	1 Stone
28 Pounds	1 Quarter
100 Pounds	1 Cental
4 Quarters	1 Hundredweight (112 Pounds)
2000 Pounds	1 Short Ton
20 Hundredweight	1 Ton (2240 Pounds)

Avoirdupois pounds are greater than Troy in the proportion of 17 to 14 approx; Troy ounces are greater than Avoirdupois in the proportion of 79 to 72 approx.

Imperial Surface Area

144 Square inches	1 Square foot
9 Square feet	1 Square yard
30¼ Square yards	1 Square pole
40 Square poles	1 Rood
4 Roods	1 Acre
640 Acres	1 Square mile

7.92 inches is equal to one hundredth of a "Gunter's Chain" (22 yards) which is (was) commonly used by surveyors. An "Engineer's link" is equal to 12 inches and a chain is therefore 33⅓ yards (100 feet)

Imperial Cubic Capacity

1728 Cubic Inches	1 Cubic Foot
27 Cubic Feet	1 Cubic Yard
5 Cubic Feet	1 Barrel Bulk
40 Cubic Feet	1 Ton Shipping
40 Cubic Feet	1 Load Hard Timber
50 Cubic Feet	1 Load Foreign Fir

Imperial Length

3 Barleycorns	1 Inch
3 Inches	1 Palm
4 Inches	1 Hand
7.92 Inches	1 Link
9 Inches	1 Span
12 Inches	1 Foot
18 Inches	1 Cubit
30 Inches	1 Pace
3 Feet	1 Yard
37.2 Inches	1 Scottish Ell
45 Inches	1 English Ell
5 Feet	1 Geometrical Pace
6 Feet	1 Fathom
5½ Yards	1 Pole
4 Poles	1 Chain
100 Links	1 Chain
10 Chains	1 Furlongww
220 Yards	1 Furlong
608 Feet	1 Cable
8 Furlongs	1 Mile (land)
10 Cables	1 Nautical Mile
1 Nautical Mile	1.1515 land Miles
1 Knot	1 Nautical Mile
3 Miles (land)	1 League

Imperial Capacity
Used for Liquids and Dry Goods

4 Gills	1 Pint
2 Pints	1 Quart
4 Quarts	1 Gallon
2 Gallons	1 Peck
4 Pecks	1 Bushel
8 Bushels	1 Quarter
5 Quarters	1 Load
36 Bushels	1 Chaldron

A bushel of wheat on an average weighs 60 pounds; of barley, 47 pounds; of oats, 40 pounds. The gallon contains 10 pounds avoirdupois of distilled water.

Decimal Capacity

Pints	Gallon	Cub.Ft.	Litres
1	0.125	0.0200	0.568
8	1.000	0.1604	4.544
16	2.000	0.3208	9.082

International Branches

Czech Republic (Prague)
Head Office:
Cromwell Czech Republic
s.r.o. Nachodska 73,
193 00 Praha 9
Horni Pocernice

T: +420 281 927 744 - 7
E: sales@cromwell.cz

Hungary (Budapest)
Head Office:
1239 Budapest,
Ócsai út 5

T: +36 (0)1 2868 866
E: info@cromwell.hu

India (near Mumbai)
Corporate Office:

A-903, Dev Corpora, Opp. Cadbury Co., Khopat, Thane (W)-400601

T: +91 (0) 22 4964 6701
E: sales@cromwell.co.in

Registered Office:

AB 1 to AB 5,
Rajlaxmi Commercial Complex,
Thane Bhiwandi Road, Kahler,
District Thane – 421302
Maharashtra State

Indonesia (Jakarta)
Head Office:
PT Cromwell Tools,
Bizpark 2, Blok A No.7-8, Jl. Raya Penggilingan, Cakung, Jakarta Timur 13940, Indonesia

T: +62 21 29573960
E: sales@cromwell.co.id

Ireland (Dublin)
Tooling & Engineering
Distributors (T.E.D.) Ltd.
Unit 9, The Olde Sawmills,
Ballymount Road, Walkinstown,
Dublin 12, D12 AF34

T: +353 (0) 14505811
E: sales@ted.ie

Malaysia (near Kuala Lumpur)
Head Office:
No. 11 & 11A, Jalan PJS 11/1, Bandar Sunway, 46150 Petaling Jaya, Selangor
Darul Ehsan, Malaysia

T: +60 (3) 5638 6666
E: malaysiasales@cromwell.com.my

Poland (Warsaw)
Head Office:
Cromwell Sp. z o.o.
ul. Bodycha 97, 05-816
Michalowice-Reguly,
Warszawa, Poland

T: +48 22 723 77 02
E: sales@cromwell.pl

South Africa (Johannesburg)
Head Office:
Unit 5 & 6, Pelican Park,
Malcolm Moodie Crescent,
Jet Park 1469, Johannesburg
P.O. Box 30137

T: +27 (0)11 397 6666/7
E: SouthAfricaSales@cromwell.co.za

Thailand (near Bangkok)
Head Office:
2070 Moo 1, Old Railway Road,
T. Samrong Nua, A. Mueng,
Samutprakarn 10270, Thailand

T: +66 (0) 2 743 5353
E: info@cromwell.co.th

UK Export Division Offering

How we can help

- Dedicated teams of tender and quotation specialists cover the UK, Europe, Middle East, Asia and Africa.
- In-house packing facilities and shipping department for rapid despatch.
- Fully up to speed on all export procedures and documentation.

What we deliver

- Hand, power and cutting tools.
- Metalworking, construction, laboratory & woodworking equipment.
- Educational and vocational training equipment.
- Electrical installation and test equipment.
- Automotive and garage equipment.

Who we work with

International funding agencies and governmental organisations.

Vocational training and educational institutions.

Aid and relief organisations, such as Unicef.

Government ministries for utilities, education, health, construction, transport, mining, oil and chemical industries.

Approved supplier to the United Nations, World Banks, Crown Agents, Red Cross, Red Crescent and Oxfam.

Our Exclusive Brands.

AVON

EDISON

Halo®

INDEXA™

KENNEDY™

KOBE™

MATLOCK

OXFORD PRECISION

RUTLAND™ Quality Gardening Tools

SENATOR® QUALITY TOOLING

SHERLOCK QUALITY SEALANTS

SHERWOOD QUALITY CUTTING TOOLS

SITESAFE®

SOLENT™ LUBRICANTS

SOLENT™ SPILL CONTROL

SWISS+TECH

TUFFSAFE

YAMALOY YAMALOY TOOLING • JAPAN

YAMOTO INDUSTRIAL SOCKET SETS

YORK ABRASIVES