

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** 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** 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** 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:

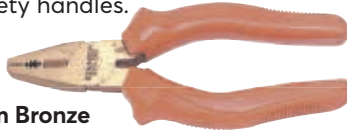
- Zone 20** An atmosphere where a cloud of combustible dust in the air is present frequently, continuously or for long periods.
- Zone 21** An atmosphere where a cloud of combustible dust in the air is likely to occur in normal operation occasionally.
- Zone 22** An atmosphere where a cloud of combustible 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 a breaking strain of 782 N/m - 989 N/m.

Be-Cu Beryllium Copper are manufactured to 30-40HRC and a breaking strain of 1117 N/m - 1236 N/m.

Linesman Pliers

Serrated jaws for gripping nuts, bolts, studs etc. with side cutter and slip guard safety handles.



Aluminium Bronze

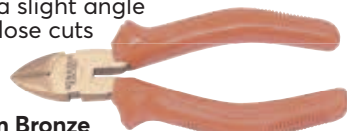
| Overall Length | Order Code |
|----------------|------------|
| 150mm (6") | -3800K |
| 180mm (7") | -3810K |
| 200mm (8") | -3820K |
| 255mm (10") | -3825K |

Beryllium Copper

| Overall Length | Order Code |
|----------------|------------|
| 150mm (6") | -3420K |
| 180mm (7") | -3440K |
| 200mm (8") | -3460K |

Diagonal Cutting Nippers

Offset at a slight angle to allow close cuts to a flat surface.



Aluminium Bronze

| Overall Length | Order Code |
|----------------|------------|
| 150mm (6") | -3850K |
| 200mm (8") | -3860K |

Beryllium Copper

| Overall Length | Order Code |
|----------------|------------|
| 150mm (6") | -3830K |
| 200mm (8") | -3840K |

Groove Joint Pliers

Serrated jaws with sliding pivot joint.



Aluminium Bronze

| Overall Length | Maximum Capacity | Order Code |
|----------------|------------------|------------|
| 150mm | 25mm | -3895K |
| 250mm | 45mm | -3900K |
| 300mm | 55mm | -3902K |
| 350mm | 55mm | -3904K |

Beryllium Copper

| Overall Length | Maximum Capacity | Order Code |
|----------------|------------------|------------|
| 250mm | 45mm | -3890K |

Long Nose Pliers

With side cutter, serrated jaws and safety grips.



Aluminium Bronze

| Overall Length | Order Code |
|----------------|------------|
| 200mm (8") | -3880K |

Beryllium Copper

| Overall Length | Order Code |
|----------------|------------|
| 200mm (8") | -3870K |

Adjustable Combination Pliers

Serrated teeth with sliding pivot joint.

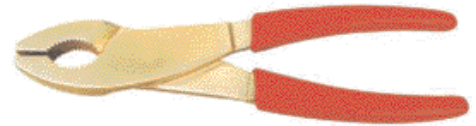


Aluminium Bronze

| Overall Length | Order Code |
|----------------|------------|
| 150mm (6") | -3935K |
| 200mm (8") | -3940K |
| 200mm (8") | -0825K |

Spark Resistant Gas Pliers

Aluminium Bronze
Serrated Teeth.



Al-Br

| Overall Length (mm) | Order Code |
|---------------------|------------|
| 200 | -0800K |

Spark Resistant Swedish Type Adjustable Wrenches

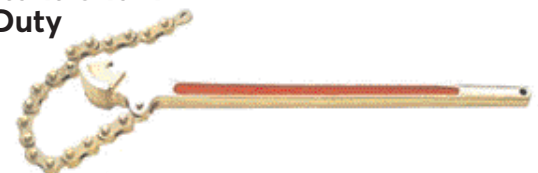


Al-Br

Aluminium Bronze

| Head Angle | Overall Length (mm) | Capacity (mm) | Order Code |
|------------|---------------------|---------------|------------|
| Standard | 530 | 50 | -1200K |
| 90° | 430 | 38 | -1202K |
| 45° | 430 | 38 | -1204K |
| 45° | 530 | 50 | -1206K |

Spark Resistant Chain Pipe Light Duty



Al-Br

Aluminium Bronze

| Type | Overall Length (mm) | Capacity (mm) | Order Code |
|------------|---------------------|---------------|------------|
| Light Duty | 600 | 100 | -1210K |
| Heavy Duty | 600 | 100 | -1212K |
| Heavy Duty | 600 | 150 | -1214K |
| Heavy Duty | 900 | 200 | -1216K |

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KENNEDY PROFESSIONAL

Open End Slogging Wrenches.



| Aluminium Bronze | | Be-Cu | AI-Br |
|------------------|----------------|------------|---------|
| Size (mm) | Overall Length | Order Code | KEN-575 |
| 17 | 125mm | -6391K | |
| 19 | 125mm | -6393K | |
| 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 | |
| 75 | 345mm | -6520K | |
| 80 | 400mm | -6525K | |
| 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 | |
| 27 | 175mm | -6362K | |
| 30 | 185mm | -6364K | |
| 36 | 210mm | -6368K | |
| 38 | | -6369K | |
| 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 | |

Ring End Slogging Wrenches



| Aluminium Bronze | | Be-Cu | AI-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 | |
| 95 | 390mm | -6734K | |
| 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 | |
| 27 | 150mm | -6810K | |
| 30 | 165mm | -6820K | |
| 32 | 180mm | -6825K | |
| 34 | | -6986K | |
| 36 | 210mm | -6830K | |
| 38 | | -6988K | |
| 41 | 225mm | -6840K | |
| 46 | 245mm | -6850K | |
| 50 | 255mm | -6860K | |
| 55 | 265mm | -6870K | |
| 60 | 275mm | -6880K | |
| 65 | 290mm | -6890K | |
| 70 | 330mm | -6990K | |
| 75 | 335mm | -6992K | |
| 80 | 365mm | -9750K | |
| 85 | 365mm | -9752K | |
| 90 | 400mm | -9754K | |
| 95 | 400mm | -9756K | |
| 100 | 425mm | -9760K | |

Continued

Be-Cu AI-Br

| Size (inch) | Overall Length | Order Code | KEN-575 |
|-------------|----------------|------------|---------|
| 1 1/16" | 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" | 250 | -9446K | |
| 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 |
|-----------|----------------|------------|---------|
| 27 | 221mm | -4720K | |
| 30 | 258mm | -4740K | |

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 | |
| 32 | 272mm | -5160K | |
| 36 | 300mm | -5180K | |

Combination Spanners



Aluminium Bronze AI-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 | |

| Size (mm) | Overall Length | Order Code | KEN-575 |
|-----------|----------------|------------|---------|
| 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 | |

| Size (mm) | Overall Length | Order Code | KEN-575 |
|-----------|----------------|------------|---------|
| 1/4" | 105 | -5960K | |
| 5/16" | 120 | -5962K | |
| 3/8" | 135 | -5964K | |
| 7/16" | 150 | -5966K | |
| 1/2" | 175 | -5968K | |
| 9/16" | 175 | -5970K | |
| 19/32" | 195 | -5972K | |
| 5/8" | 195 | -5974K | |
| 1 1/16" | 195 | -5976K | |
| 3/4" | 215 | -5978K | |
| 13/16" | 230 | -5980K | |
| 7/8" | 245 | -5982K | |
| 15/16" | 265 | -5984K | |
| 1" | 290 | -5986K | |
| 1 1/16" | 290 | -5988K | |
| 1 1/8" | 320 | -5990K | |
| 1 3/16" | 320 | -5992K | |
| 1 1/4" | 340 | -5994K | |
| 1 5/8" | 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 | |

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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 |
| 11mm | 40mm | -7200K |
| 12mm | 40mm | -7230K |
| 13mm | 40mm | -7240K |
| 14mm | 40mm | -7260K |
| 15mm | 25mm | -7265K |
| 16mm | 25mm | -7270K |
| 17mm | 40mm | -7280K |
| 18mm | 25mm | -7290K |
| 19mm | 42mm | -7300K |
| 20mm | 30mm | -7310K |
| 21mm | 43mm | -7320K |
| 22mm | 43mm | -7330K |
| 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 |
| 7/16" | 25mm | -7580K |
| ½" | 25mm | -7600K |
| 9/16" | 25mm | -7620K |
| 5/8" | 25mm | -7640K |
| 11/16" | 25mm | -7650K |
| ¾" | 30mm | -7670K |
| 13/16" | 30mm | -7680K |
| 7/8" | 30mm | -7690K |
| 15/16" | 35mm | -7700K |
| 1" | 35mm | -7710K |
| 1 1/16" | 40mm | -7720K |
| 1 1/4" | 40mm | -7740K |
| 1 7/16" | 50mm | -7760K |
| ¾" Drive | | |
| 17mm | 40mm | -8180K |
| 19mm | 50mm | -8200K |
| 21mm | 55mm | -8220K |
| 22mm | 40mm | -8230K |
| 23mm | 40mm | -8235K |
| 24mm | 55mm | -8240K |
| 26mm | 55mm | -8250K |
| 27mm | 55mm | -8260K |
| 28mm | 40mm | -8265K |
| 29mm | 65mm | -8270K |
| 30mm | 60mm | -8280K |
| 32mm | 60mm | -8300K |
| 34mm | 60mm | -8320K |
| 36mm | 60mm | -8340K |
| 38mm | 60mm | -8360K |
| 41mm | 65mm | -8380K |
| 46mm | 65mm | -8400K |
| 50mm | 70mm | -8420K |
| ¾" Drive AF | | |
| ¾" | 50mm | -8050K |
| 13/16" | 40mm | -8055K |
| 7/8" | 40mm | -8060K |
| 15/16" | 40mm | -8065K |
| 1" | 40mm | -8070K |
| 1 1/16" | 40mm | -8075K |
| 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 |

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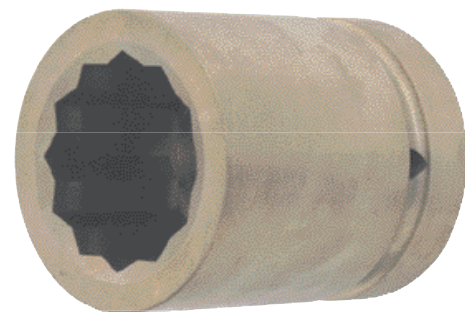
| Size | Overall Length | Order Code KEN-575 |
|-----------------|----------------|--------------------|
| 1" Drive | | |
| 22mm | 50mm | -8620K |
| 24mm | 50mm | -8630K |
| 26mm | 50mm | -8640K |
| 27mm | 50mm | -8650K |
| 28mm | 50mm | -8660K |
| 29mm | 55mm | -8670K |
| 30mm | 50mm | -8680K |
| 31mm | 60mm | -8690K |
| 32mm | 45mm | -8700K |
| 34mm | 50mm | -8710K |
| 36mm | 50mm | -8720K |
| 38mm | 55mm | -8730K |
| 41mm | 60mm | -8740K |
| 46mm | 70mm | -8750K |
| 50mm | 75mm | -8760K |
| 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 |
|------|----------------|--------------------|
| 8 | 25mm | -7428K |
| 9 | 25mm | -7429K |
| 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 |
| 22 | 30mm | -7442K |
| 23 | 35mm | -7443K |
| 24 | 35mm | -7444K |
| 25 | 35mm | -7445K |
| 26 | 35mm | -7446K |
| 27 | 40mm | -7447K |
| 28 | 40mm | -7448K |
| 29 | 40mm | -7449K |
| 30 | 40mm | -7450K |
| 32 | 45mm | -7452K |

Impact Sockets

12-point, for additional torque grip.



Al-Br

Aluminium Bronze

| Size | Overall Length | Order Code KEN-575 |
|-----------------|----------------|--------------------|
| ¾" Drive | | |
| 27mm | 55mm | -8530K |
| 36mm | 60mm | -8560K |
| 40mm | 65mm | -8580K |
| 50mm | 70mm | -8590K |
| 1" Drive | | |
| 24mm | 60mm | -8820K |
| 27mm | 60mm | -8830K |
| 29mm | 60mm | -8840K |
| 34mm | 70mm | -8870K |
| 35mm | 70mm | -8880K |
| 36mm | 70mm | -8890K |
| 38mm | 70mm | -8900K |

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Safety Extensions

Fitted with a spring-loaded ball bearing socket retainer.



Aluminium Bronze

| Square Drive | Overall Length | Order Code KEN-575 |
|--------------|----------------|-----------------------|
| 1/2" | 100mm | -7030K |
| 1/2" | 125mm | -7040K |
| 1/2" | 200mm | -7050K |
| 1/2" | 250mm | -7060K |
| 3/4" | 200mm | -8040K |
| 1" | 200mm | -8612K |

Al-Br

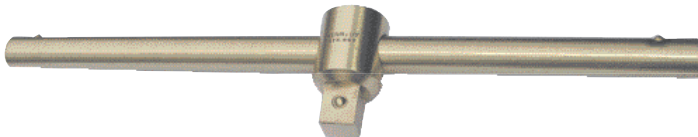
Be-Cu

Beryllium Copper

| Square Drive | Overall Length | Order Code KEN-575 |
|--------------|----------------|-----------------------|
| 1/2" | 100mm | -9250K |
| | 125mm | -9252K |
| | 200mm | -9254K |
| | 250mm | -9256K |

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

| Square Drive | Overall Length | Order Code KEN-575 |
|--------------|----------------|-----------------------|
| 1/2" | 250mm | -7020K |
| 3/4" | 360mm | -8048K |
| 3/4" | 400mm | -8020K |
| 1" | 415mm | -8618K |

Al-Br

1/2" 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

| Overall Length | Order Code KEN-575 |
|----------------|-----------------------|
| 250mm | -7100K |

Al-Br

Ratchet Handles

Disc type adjustment with knurled grip and spring loaded ball bearing socket retainer.

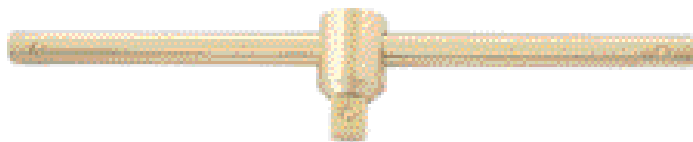


Aluminium Bronze

| Square Drive | Overall Length | Order Code KEN-575 |
|--------------|----------------|-----------------------|
| 1/2" | 245mm | -7000K |
| 3/4" | 320mm | -8000K |
| 1"550mm | | -8610K |

Al-Br

1/2" Sq. Drive T-Handle



Inch - Beryllium Copper

| Square Drive (Inch) | Overall Length (mm) | Order Code KEN-575 |
|---------------------|---------------------|-----------------------|
| 1/2" | 250 | -7025K |

Al-Br

Be-Cu

Beryllium Copper

| Square Drive | Overall Length | Order Code KEN-575 |
|--------------|----------------|-----------------------|
| 1/2" | 245mm | -6960K |

Universal Joint

Hinged through 180° in both directions for operation at varying angles. Fitted with a spring-loaded ball bearing socket retainer.



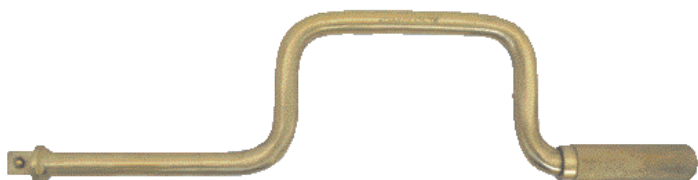
Aluminium Bronze

| Square Drive | Overall Length | Order Code KEN-575 |
|--------------|----------------|-----------------------|
| 1/2" | 50mm | -7120K |
| 3/4" | 115mm | -8045K |
| 1" | 130mm | -8615K |

Al-Br

1/2" Square Drive Speed Brace

Revolving grip, ideal for nut spinning. Fitted with a spring-loaded ball bearing socket retainer.



Aluminium Bronze

| Overall Length | Order Code KEN-575 |
|----------------|-----------------------|
| 400mm | -7080K |

Al-Br

Be-Cu

Beryllium Copper

| Square Drive | Overall Length | Order Code KEN-575 |
|--------------|----------------|-----------------------|
| 1/2" | 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 |

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 |
| 25 | 400 | -2160K |
| 12 | 150 | -2200K |
| 16 | 200 | -2205K |
| 18 | 160 | -2210K |
| 19 | 350 | -2215K |
| 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 |

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 |

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 |
| 12mm | 160mm | 18mm | -9706K |

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 |

Spark Resistant Scaling Hammer

Aluminium 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 |
| 5 | 900mm | -3090K |

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 |

Wedges



Aluminium Bronze

Al-Br

| Dimensions | Order Code KEN-575 |
|-----------------|--------------------|
| 80 x 13 x 6mm | -0500K |
| 100 x 50 x 10mm | -0505K |
| 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 |
| 200 x 40 x 40mm | -0460K |

Order online at cromwell.co.uk or call

North 0800 028 3602 | Central 0800 028 3191 | South 0800 028 3189

Hacksaw Frame



Aluminium Bronze **AI-Br** **Be-Cu**

| Overall Length (mm) | Blade Length (mm) | Order Code KEN-575 |
|-------------------------|-------------------|--------------------|
| 500 | 300 | -0010K |
| Aluminium Bronze | | |
| 500 | 300 | -3690K |

L-Type Socket Wrench



Metric - Aluminium Bronze **AI-Br**

| Size (mm) | Overall Length (mm) | Order Code KEN-575 |
|-----------|---------------------|--------------------|
| 6 | 120 | -0016K |
| 8 | 144 | -0018K |
| 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 |
| 24 | 286 | -0034K |
| 27 | 294 | -0037K |
| 30 | 302 | -0040K |
| 32 | 310 | -0042K |
| 36 | 330 | -0046K |
| 41 | 350 | -0051K |

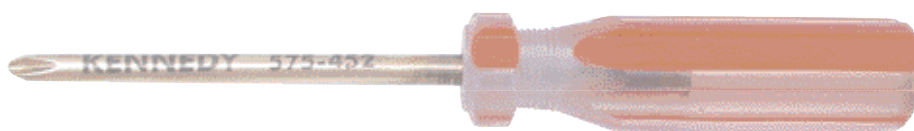
F-Type Valve Handle



Aluminium Bronze **AI-Br**

| Opening Width (mm) | Overall Length (mm) | Order Code KEN-575 |
|--------------------|---------------------|--------------------|
| 30 | 200 | -0145K |
| 32 | 300 | -0146K |
| 35 | 250 | -0147K |
| 40 | 300 | -0148K |
| 45 | 350 | -0149K |
| 48 | 375 | -0150K |
| 50 | 400 | -0151K |
| 55 | 450 | -0152K |
| 60 | 500 | -0153K |
| 65 | 550 | -0154K |
| 70 | 600 | -0155K |
| 75 | 650 | -0156K |
| 80 | 700 | -0157K |
| 85 | 750 | -0158K |
| 90 | 800 | -0159K |

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 |
| POSDRIVE | No.4 | 200 | -4580K |
| | No.4 | 300 | -4590K |
| | 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 | |

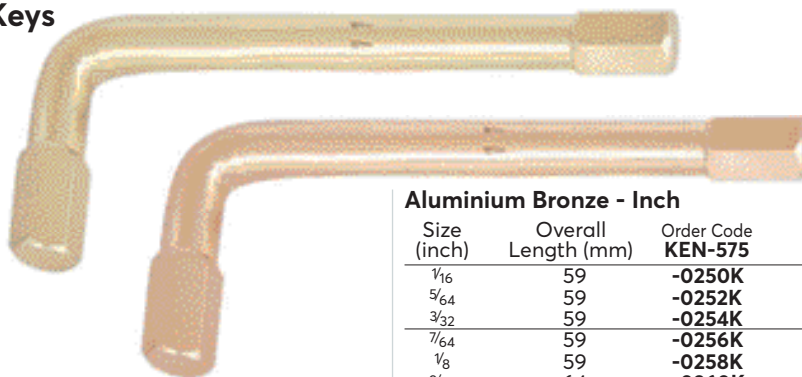
Continued

| 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 |
| PARALLEL | No.4 | 200 | -4480K |
| | 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 |

Hex Keys



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 |

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 |
| 23 | 186 | -0234K |
| 24 | 192 | -0236K |
| 27 | 213 | -0238K |
| 32 | 266 | -0240K |
| 36 | 294 | -0242K |
| 41 | 320 | -0244K |

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.



| Head Size | Overall Length | Order Code |
|-------------|----------------|--------------------------|
| 235 x 185mm | 950mm (37") | KEN-575 -9240K |

Al-Br

Wrecking Bars

For general dismantling and stripping applications. V-notch for use on nails.



| Overall Length | Order Code |
|----------------|--------------------------|
| 400mm | KEN-575 -2520K |

Al-Br

Beryllium Copper

| Overall Length | Order Code |
|----------------|--------------------------|
| 400mm | KEN-575 -2400K |

Be-Cu

Putty Knives

With a chisel point and bi-material handle.



| Blade Length | Blade Width | Overall Length | Order Code |
|--------------|-------------|----------------|--------------------------|
| 100mm (4") | 25mm (1") | 200mm (8") | KEN-575 -2740K |

Al-Br

Beryllium Copper

| Blade Length | Blade Width | Overall Length | Order Code |
|--------------|-------------|----------------|--------------------------|
| 100mm (4") | 25mm (1") | 200mm (8") | KEN-575 -2760K |

Be-Cu

Scrapers



| Blade Length | Blade Width | Overall Length | Order Code |
|--|-------------|----------------|--------------------------|
| 95mm (3 ³ / ₄ ") | 75mm (3") | 200mm (8") | KEN-575 -2860K |

Al-Br

Beryllium Copper

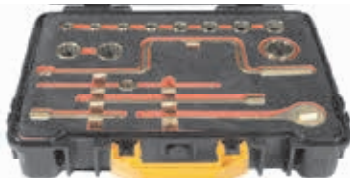
| Blade Length | Blade Width | Overall Length | Order Code |
|--|-------------|----------------|--------------------------|
| 95mm (3 ³ / ₄ ") | 75mm (3") | 200mm (8") | KEN-575 -2880K |

Be-Cu

Socket Set 1/2" 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.



| Number of Pieces | Order Code |
|------------------|--------------------------|
| 16 | KEN-575 -7500K |

Al-Br

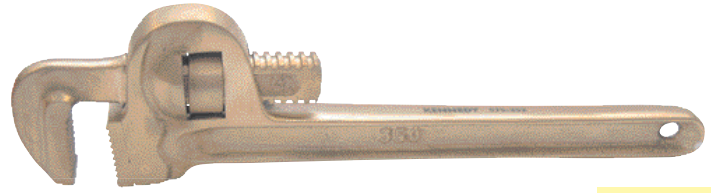
Beryllium Copper

| Number of Pieces | Order Code |
|------------------|--------------------------|
| 16 | KEN-575 -7460K |

Be-Cu

Pipe Wrenches

Serrated jaws with knurled adjusting nut. Heavy Duty



| Overall Length | Jaw Capacity | Order Code |
|----------------|--------------|--------------------------|
| 250mm | 30mm | KEN-575 -3580K |
| 300mm | 40mm | -3600K |
| 350mm | 50mm | -3620K |
| 450mm | 60mm | -3640K |
| 600mm | 75mm | -3660K |

Al-Br

Beryllium Copper

| Overall Length | Jaw Capacity | Order Code |
|----------------|--------------|--------------------------|
| 250mm | 30mm | KEN-575 -3700K |
| 300mm | 40mm | -3720K |
| 350mm | 50mm | -3740K |
| 450mm | 60mm | -3760K |
| 600mm | 75mm | -3780K |

Be-Cu

Adjustable Wrenches

Smooth jaw adjustment with self-locking design which prevents the jaws opening unintentionally under load.



| Overall Length | Opening Capacity | Order Code |
|----------------|------------------|--------------------------|
| 150mm | 18mm | KEN-575 -1060K |
| 200mm | 24mm | -1080K |
| 250mm | 30mm | -1100K |
| 300mm | 36mm | -1120K |
| 380mm46mm | | -1140K |
| 460mm55mm | | -1160K |

Al-Br

Beryllium Copper

| Overall Length | Opening Capacity | Order Code |
|----------------|------------------|--------------------------|
| 150mm | 18mm | KEN-575 -0860K |
| 200mm | 24mm | -0880K |
| 250mm | 30mm | -0900K |
| 300mm | 36mm | -0920K |
| 385mm46mm | | -0925K |

Be-Cu

Socket Set 3/4" 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.



| Number of Pieces | Order Code |
|------------------|--------------------------|
| 14 | KEN-575 -8500K |

Aluminium Bronze

Al-Br

Beryllium Copper

| Number of Pieces | Order Code |
|------------------|--------------------------|
| 14 | KEN-575 -8460K |

Be-Cu

Order online at cromwell.co.uk or call

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Combination Spanners Non Ratcheting

- Comes with open-end and the other end is a ring
- The other end is a 12 point hexagon ring end



See pages 1125-1127

Ratchet Combination Spanners

- Available as combination or double ended ring
- Quicker and easier to use, does not need removing from fastener
- Not suitable for high torque applications
- Reversing type can be switched in use without removing



See page 1128

Short Arm Combination Spanners

- Comes with or without ratchet drive
- Short shank and compact heads
- Ideal where access is restricted



See page 1127

Open Ended Spanner

- A one-piece double-ended spanner
- The spanner design gives greater range of movement in enclosed spaces by flipping the spanner over



See pages 1132-1134

Double Ended Ring

- One piece double-ended with offset ends
- Fits over the fastener from above
- Very positive location - Won't slip off or round off the head or nut being worked on



See page 1135

Reversible Ratchet Combination

- Available as combination or double ended ring
- Reversing type can be switched in use without removing from fastener
- Quicker and easier to use, does not need removing from fastener
- Not suitable for high torque applications



See pages 1129-1131

Swivel End Socket

- Designed to give greater flexibility
- Improves access when working in difficult conditions
- Ideal to fit over the nut or bolt head they are working on
- 12 point bi-hexagon sockets are hinged linked allowing operation at varied angles



See page 1136

Flare Nut Ring

- Used for gripping the nuts on the end of tubes
- Instead of encircling the nut completely, it has a narrow opening wide enough to allow the spanner to fit over the tube
- The thick jaws will increase the contact area of the nut



See page 1135

Flex Head Ratchet Combination Spanner

- Can be used at up to 90° in confined space
- Requires only 5° movement to operate the ratchet
- Thin wall design for greater access



See page 1130

1/2" Flexi Ring End Sockets

- Swivels through 220°
- Tough flexi-ring end socket
- Designed to access over long studs
- Used for awkwardly positioned nuts and bolts



See page 1134

Crowfoot Open End & Miniature Open Ended Spanners

- Suitable to use around tubing such as hydraulic line etc
- For accessing bolts in cramped and hard to reach locations



See page 1134

Workshop Spanners

- Open jaw Double Ended and Ring Slogging Spanner
- Flat striking faces to allow hammer blows to be used to loosen or tighten stubborn fasteners



See page 1139

C-Hook Spanners

- Specifically designed for use with slotted retaining rings



See pages 1139 & 1141

Reversible Ratchet Podger Spanners

- Reversible head has two internal bi-hexagon sizes
- Lever reversible for instant direction changed without removing the wrench from the fastener
- Used for aligning fixing holes on jigs and fabrication



See page 1140

Open/Ring End Podger Spanners

- A steel erecting tool which consists of a normal wrench with a ring end and a ring end for alignment



See page 1140

Adjustable Podger Spanner c/w Hammer

- Spinner Head
- Combination Podger
- Podger Hammer



See page 1140

Ring Crescent Spanners

- Designed to give greater flexibility in hard to reach spaces



See page 1129

Box Spanner

- Used in Confined areas
- Suitable to reach down into spark plug recess or similar



See page 1138

Scaffold Tools

- Scaffold Key
- Single Ended Swing Over Spanners
- Standard • Heavy Duty • Chunky



See page 1140

Wall Drive Design

The wall drive ring end feature has no points on the internal bi-hexagon ring end. This is achieved by a series of radii that gives the wavy look to the internal bi-hexagon ring end.

The internal radii designed promotes the use of higher torque loads to be applied to the fastener through increased surface contact areas.



Fig.1



Fig.2

Fig.1 Showing the point loads that occur with standard contact wrenches.

Fig.2 Shows the increased surface contact area loads of wrenches with wall drive feature. The increased contact surface area has three main advantages: helps to reduce stress to the tool, prolonging tool life. Increases the tightening torque transmission force that can be applied to fasteners. Prevents fastener damage, e.g. rounding off.

YAMOTO Industrial Combination Spanners

Made from fully polished chrome vanadium steel with a 15° offset. Conform to **DIN 3113**.



| Size (mm) | Overall Length | Weight each | Order Code YMT-582 |
|-----------|----------------|-------------|--------------------|
| 6 | 100 | 14g | -3060K |
| 7 | 110 | | -4950N |
| 8 | 120 | | -4950P |
| 9 | 130 | 33g | -4950Q |
| 10 | 140 | 36g | -4950R |
| 11 | 150 | 47g | -4950S |
| 12 | 160 | | -4950T |
| 13 | 170 | | -4950V |
| 14 | 180 | | -4950W |
| 15 | 190 | | -4950X |
| 16 | 200 | | -4950Y |
| 17 | 210 | 130g | -4950Z |
| 18 | 220 | | -4951A |

| Size (mm) | Overall Length | Weight each | Order Code YMT-582 |
|-----------|----------------|-------------|--------------------|
| 19 | 230 | | -4951B |
| 20 | 240 | 185g | -3200K |
| 21 | 250 | 193g | -3210K |
| 22 | 260 | | -4951E |
| 23 | 260 | 265g | -3225K |
| 24 | 280 | 294g | -4951G |
| 25 | 295 | 330g | -3231K |
| 26 | 295 | | -4951J |
| 27 | 310 | 387g | -3233K |
| 28 | 340 | 675g | -4951L |
| 30 | 340 | 675g | -3236K |
| 32 | 360 | | -4951N |

SENATOR QUALITY TOOLING Combination Spanners

Manufactured from forged chrome vanadium steel with satin finish and 15° cranked heads. Conform to **DIN 3113**.

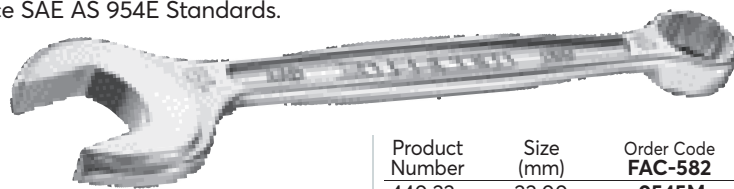


| Size (mm) | Overall Length | Weight each | Order Code SEN-582 |
|-----------|----------------|-------------|--------------------|
| 6 | 100 | 14g | -4100K |
| 7 | 110 | | -5201B |
| 8 | 120 | 27g | -4120K |
| 9 | 130 | 33g | -4130K |
| 10 | 140 | 36g | -5201E |
| 11 | 150 | 47g | -4150K |
| 12 | 160 | | -5201G |
| 13 | 170 | 66g | -5201H |
| 14 | 180 | | -5201J |
| 15 | 190 | | -5201K |
| 16 | 200 | 107g | -4200K |
| 17 | 210 | 130g | -4210K |
| 18 | 220 | 138g | -4220K |

| Size (mm) | Overall Length | Weight each | Order Code SEN-582 |
|-----------|----------------|-------------|--------------------|
| 19 | 230 | 159g | -4230K |
| 20 | 240 | 185g | -4240K |
| 21 | 250 | 193g | -5201R |
| 22 | 260 | | -5201S |
| 23 | 260 | 265g | -4270K |
| 24 | 280 | | -5201V |
| 25 | 295 | 330g | -4290K |
| 26 | 295 | 435g | -4300K |
| 27 | 310 | | -5201Y |
| 28 | 340 | 675g | -4320K |
| 30 | 340 | | -5202A |
| 32 | 360 | 485g | -4340K |

FACOM 440 Combination Spanners

Open end profile is designed to allow greater accessibility & turning arc versus standard pattern combination wrenches. Ring end is thin walled with a high relief zone for greater access to recessed and hard to access bolts. Open ends have mechanical characteristics above and beyond **NF ISO 1711 - 1**. Ring ends are designed to outperform Aerospace SAE AS 954E Standards.



| Metric Product Number | Size (mm) | Order Code FAC-582 |
|-----------------------|-----------|--------------------|
| 440.6 | 6.00 | -0544C |
| 440.7 | 7.00 | -0544E |
| 440.8 | 8.00 | -0544G |
| 440.9 | 9.00 | -0544J |
| 440.10 | 10.00 | -0544L |
| 440.11 | 11.00 | -0544N |
| 440.12 | 12.00 | -0544Q |
| 440.13 | 13.00 | -0544S |
| 440.14 | 14.00 | -0544V |
| 440.15 | 15.00 | -0544X |
| 440.16 | 16.00 | -0544Z |
| 440.17 | 17.00 | -0545B |
| 440.18 | 18.00 | -0545D |
| 440.19 | 19.00 | -0545F |
| 440.20 | 20.00 | -0545H |
| 440.21 | 21.00 | -0545K |

| Metric Product Number | Size (mm) | Order Code FAC-582 |
|-----------------------|-----------|--------------------|
| 440.22 | 22.00 | -0545M |
| 440.23 | 23.00 | -0545P |
| 440.24 | 24.00 | -0545R |
| 440.25 | 25.00 | -0545T |
| 440.26 | 26.00 | -0545W |
| 440.27 | 27.00 | -0545Y |
| 440.29 | 29.00 | -0546C |
| 440.30 | 30.00 | -0546E |
| 440.32 | 32.00 | -0546J |

| Inch Product Number | Size (inch) | Order Code FAC-582 |
|---------------------|-------------|--------------------|
| 440.1/4 | 1/4" | -0547C |
| 440.5/16 | 5/16" | -0547E |
| 440.11/32 | 11/32" | -0547G |
| 440.3/8 | 3/8" | -0547J |
| 440.7/16 | 7/16" | -0547L |
| 440.1/2 | 1/2" | -0547N |

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

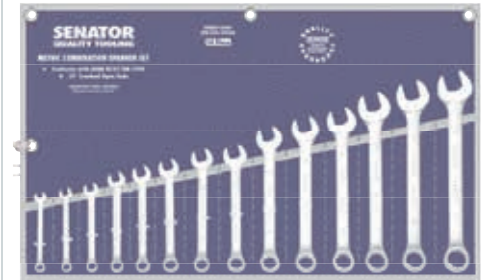
new



| Number of Pieces | Order Code YMT-582 |
|------------------|--------------------|
| 14 | -4951R |
| 25 | -4951S |

14 Piece Set: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19mm.

25 Piece Set: 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 Pieces | Weight each | Order Code SEN-582 |
|------------------|-------------|--------------------|
| 14 Metric | 3.10kg | -5202C |
| 25 Metric | | -5202D |

Inch

| Product Number | Size (inch) | Order Code FAC-582 |
|----------------|-------------|--------------------|
| 440.9/16 | 9/16" | -0547Q |
| 440.5/8 | 5/8" | -0547S |
| 440.11/16 | 11/16" | -0547V |
| 440.3/4 | 3/4" | -0547X |
| 440.13/16 | 13/16" | -0547Z |
| 440.7/8 | 7/8" | -0548B |
| 440.15/16 | 15/16" | -0548D |
| 440.1.1/16 | 1 1/16" | -0548H |
| 440.1.1/8 | 1 1/8" | -0548K |
| 440.1.1/4 | 1 1/4" | -0548M |

Combination Spanner Set

The 440 series of combination spanners are made from a high-grade steel alloy and have a hard-wearing satin chrome finish. They are suitable for automotive and aerospace applications.

14 Piece Set contents:

7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24mm.

14 PIECES



| Product Number | Order Code FAC-582 |
|----------------|--------------------|
| 440.JP14PB | -6035Y |

Order online at cromwell.co.uk or call

North **0800 028 3602** | Central **0800 028 3191** | South **0800 028 3189**

1125



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 |

| Whitworth Size Whit | Overall Length | Order Code KEN-582 |
|---------------------|----------------|--------------------|
| 1/8" | 140 | -3370K |
| 3/16" | 160 | -3380K |
| 1/4" | 180 | -3390K |
| 5/16" | 200 | -3400K |
| 3/8" | 220 | -3410K |
| 7/16" | 250 | -3420K |
| 1/2" | 280 | -3430K |
| 9/16" | 332 | -3440K |
| 5/8" | 380 | -3450K |
| 11/16" | 418 | -3460K |
| 3/4" | 461 | -3470K |
| 7/8" | 486 | -3480K |

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".

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 |

| Size (mm) Length | Overall Length | Order Code KEN-582 |
|------------------|----------------|--------------------|
| 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
 Order Code **KEN-582**
-3898K

KENNEDY Professional Combination Spanners

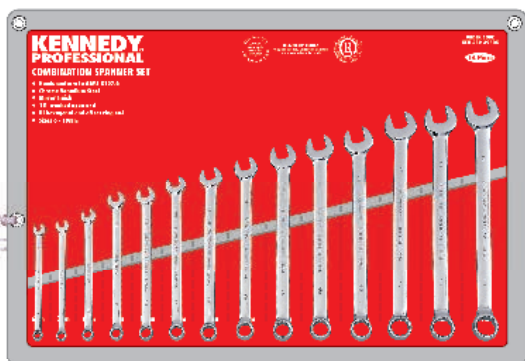
Manufactured from chrome vanadium steel. Highly polished mirror finish prevents oil and dirt from adhering to the spanner making for easier cleaning and preventing rust. Long reach, wall drive. Conforms with **ANSE B107.6**. Chrome plated finish to prevent from corrosion. Ring head angle - 15°



| 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 |
|--------------|----------------|-------------|--------------------|
| 1 1/32" | 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 |
| 1 1/16" | 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 |

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.



| Weight each | Order Code KEN-582 |
|-------------|--------------------|
| 840g | -2225K |

FACOM 39 Short Combination Wrenches

To **ISO 7738, NF ISO 7738**. Short shank and compact heads. Ideal where access is restricted. 12-point ring angled at 15°. 6-point ring angled at 15°. Satin chrome finish.



| Metric Product Number | Size | Order Code FAC-582 |
|-----------------------|--------|--------------------|
| 39.3.2H | 3.20mm | -0289M |
| 39.4H | 4mm | -0289P |
| 39.5H | 5mm | -0289R |
| 39.5.5H | 5.50mm | -0289T |
| 39.6 | 6mm | -0290A |
| 39.7 | 7mm | -0291B |
| 39.8 | 8mm | -0292C |
| 39.9 | 9mm | -0293D |
| 39.10 | 10mm | -0294E |
| 39.11 | 11mm | -0295F |
| 39.12 | 12mm | -0296G |
| 39.13 | 13mm | -0297H |
| 39.14 | 14mm | -0298J |
| 39.15 | 15mm | -0299K |
| 39.16 | 16mm | -0300L |
| 39.17 | 17mm | -0301M |

| inch Product Number | Size | Order Code FAC-582 |
|---------------------|--------|--------------------|
| 39.1/8H | 1/8" | -0288A |
| 39.5/32H | 5/32" | -0288C |
| 39.3/16H | 3/16" | -0288E |
| 39.7/32H | 7/32" | -0288G |
| 39.1/4 | 1/4" | -0288J |
| 39.9/32 | 9/32" | -0288L |
| 39.5/16 | 5/16" | -0288N |
| 39.11/32 | 11/32" | -0288Q |
| 39.3/8 | 3/8" | -0288R |
| 39.1/2 | 1/2" | -0288S |
| 39.9/16 | 9/16" | -0288V |
| 39.5/8 | 5/8" | -0288X |
| 39.11/16 | 11/16" | -0288Z |

Order online at cromwell.co.uk or call

North **0800 028 3602** | Central **0800 028 3191** | South **0800 028 3189**

Spanners - Combination

Hand Tools



Professional 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. Conform to **ASME B107.6**.



Wall Drive

| 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 |
| | 1 1/16" | 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", 1 1/16" and 3/4".

| Number of Pcs | Weight each | Order Code KEN-582 |
|---------------|-------------|--------------------|
| 9 Metric | 2560g | -3990K |
| 7 AF | 2150g | -2230K |



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 |
|---------------------|--------------------|
| 1/4" SD (x10mm hex) | -4210K |
| 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 |
|------|--------------------|
| 10mm | -3740K |
| 11mm | -3741K |
| 12mm | -3742K |
| 13mm | -3743K |
| 14mm | -3744K |
| 15mm | -3745K |
| 16mm | -3746K |
| 17mm | -3747K |
| 18mm | -3748K |
| 19mm | -3749K |



Metric Combination Ratchet Spanners, Fixed Head

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

| Number of Pcs | Order Code KEN-582 |
|---------------|--------------------|
| 8 Metric | -8864K |



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 |
| 3/4" | 135mm | 155g | -2186K |



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".



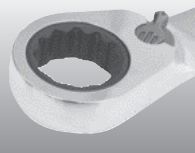
| Number of Pieces | Weight each | Order Code KEN-582 |
|------------------|-------------|--------------------|
| 9 Metric | 1880g | -2236K |
| 7 AF | 770g | -2228K |

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 |

Set
9 Piece Metric: 10, 11, 12, 13, 14, 15, 16, 17 and 19mm.



| Number of Pieces | Order Code KEN-582 |
|------------------|--------------------|
| 9 Metric | -6796K |

EXPERT IN PROGRESS Combination Ratchet Spanners

E111106
 12-point OGV® ring angled at 15°. 5° increment. Open end angled at 15° from the handle axis (increment angle 30°).

12 piece set contains: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm.



12 PIECES

| Number of Pieces | Order Code BTL-582 |
|------------------|--------------------|
| 12 Metric | -7226D |

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 |

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 |

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Spanners - Ring

Hand Tools

Ring Crescent Wrenches

Chrome vanadium steel with satin chrome finish. Heads conform to DIN 838.



| Size (mm) | Overall Length | Weight each | Order Code KEN-582 |
|-----------|----------------|-------------|--------------------|
| 10 x 11 | 142 | 71g | -3766K |
| 12 x 13 | 164 | 100g | -3768K |
| 14 x 15 | 189 | 157g | -3770K |
| 17 x 19 | 219 | 172g | -3772K |

Ring Crescent Wrench Sets

4 Piece Metric: - 10 - 19mm
10 x 11mm,
12 x 13mm,
14 x 15mm
and 17 x 19mm.



| Range (mm) | Weight each | Order Code KEN-582 |
|------------|-------------|--------------------|
| 10 - 19 | 540g | -3776K |

KENNEDY 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.

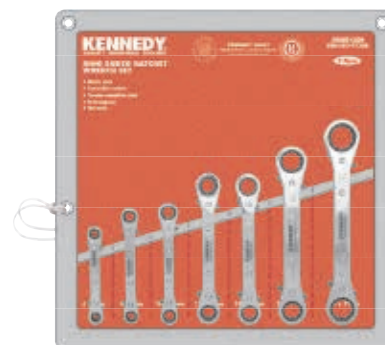
Straight



| Metric 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 |

*Single hexagon

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 |

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 |

25° Offset



| Metric 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 |

*Single hexagon

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.



| Number of Pieces | Weight each | Order Code KEN-582 |
|------------------|-------------|--------------------|
| 7 Metric | 1280g | -9750K |

1130

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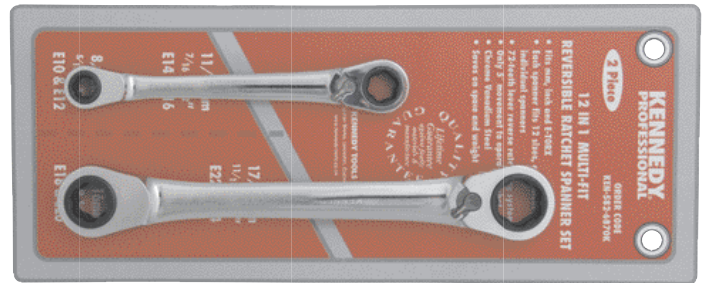
All prices exclude VAT© 2021

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.



2 Piece Set: One of each as left



Sizes (Per Spanner):

8, 10, 11 & 13mm/ $\frac{5}{16}$ " $\frac{3}{8}$ " $\frac{7}{16}$ " & $\frac{1}{2}$ "/E10, E12, E14 & E16
14, 16, 17 & 19mm/ $\frac{9}{16}$ " $\frac{5}{8}$ " $1\frac{1}{16}$ " $\frac{3}{4}$ "/E18, E20, E22 & E24

Metric

| Size Range (mm) | Overall Length | Order Code |
|-----------------|----------------|---------------|
| 8 - 13 | 160 | -6862K |
| 14 - 19 | 230 | -6864K |

| Number of Pieces | Order Code |
|------------------|---------------|
| 2 Pieces | -6870K |

4-In-1 Reversible Ratchet Spanners

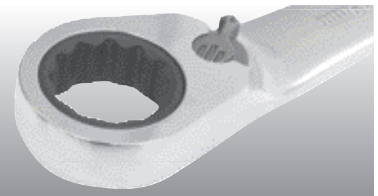
Double ended ratchet spanners with 4 sizes each, saving space and weight in the toolbox. 72 teeth lever ratcheting system that requires only 5° movement to operate, making them ideal for use in tight areas. Made from high quality chrome vanadium steel with mirror polish finish to prevent oil and dirt from adhering to the spanner.



Metric

| Size Range (mm) | Overall Length | Order Code |
|-----------------|----------------|---------------|
| 8 - 13 | 160 | -6852K |
| 9 - 15 | 180 | -6854K |
| 16 - 19 | 230 | -6856K |

'Flush' fitted reversible switch enables the wrench to move in either direction without sacrificing the overall compact surface of the box end.



BAHCO 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.

4 Piece Set

Sizes (per spanner):
8, 9, 10 & 11mm.
12, 13, 14 & 15mm.
16, 17, 18 & 19mm.
21, 22, 24 & 27mm.

5 Piece Set

Sizes (per spanner):
8, 9, 10 & 11mm.
12, 13, 14 & 15mm.
16, 17, 18 & 19mm.
21, 22, 24 & 27mm.
30, 32, 34 & 36mm.



| Product | Order Code |
|---------|---------------|
| S4RM/3T | -9004E |
| S4RM/4T | -9004H |
| S4RM/5T | -9004L |

3 Piece Set

The most commonly used 12 sizes in just three spanners, 8 - 19mm. Supplied with storage roll.

Sizes (per spanner):

8, 10, 12 and 13mm.
9, 11, 14 and 15mm.
16, 17, 18 and 19mm.



3
PIECES

| Order Code |
|----------------|
| KEN-582 |
| -6860K |



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 |

| Whitworth Size | Order Code KEN-582 |
|-----------------|------------------------------|
| 1/8" x 3/16" | -0010K |
| 3/16" x 1/4" | -0020K |
| 1/4" x 5/16" | -0030K |
| 5/16" x 3/8" | -0040K |
| 3/8" x 7/16" | -0050K |
| 7/16" x 1/2" | -0060K |
| 1/2" x 9/16" | -0070K |
| 9/16" x 5/8" | -0090K |
| 9/16" x 1 1/16" | -0100K |
| 5/8" x 1 1/16" | -0110K |
| 5/8" x 3/4" | -0120K |
| 1 1/16" x 3/4" | -0130K |
| 3/4" x 7/8" | -0140K |
| 7/8" x 1" | -0150K |
| 1" x 1 1/8" | -0160K |

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.

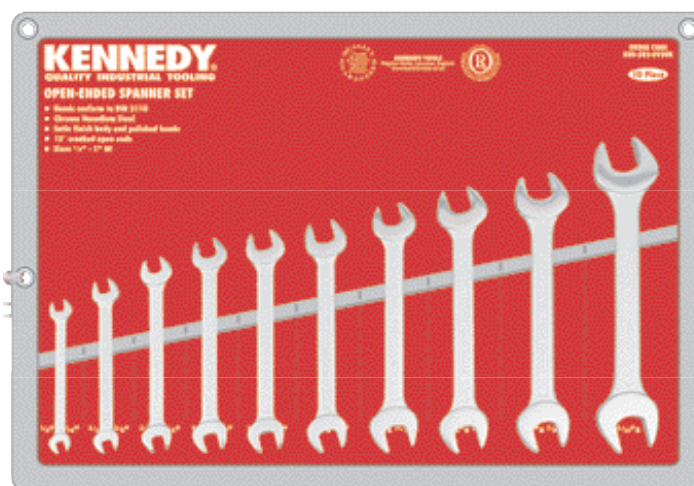
11 Piece Metric: 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 27 and 30 x 32mm.

5 Piece AF: 1/4" x 5/16", 3/8" x 7/16", 1/2" x 9/16", 5/8" x 1 1/16" 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 1 1/16", 1 1/16" 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".

| AF | Size | Order Code |
|----|--------------------|------------|
| AF | 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 1 1/16" | -0320K |
| | 5/8" x 3/4" | -0330K |
| | 1 1/16" x 3/4" | -0340K |
| | 3/4" x 7/8" | -0350K |
| | 13/16" x 7/8" | -0360K |
| | 7/8" x 1 5/16" | -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 |



| 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 |

KENNEDY 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 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 |

YAMOTO Industrial Open Ended Spanners

Made from chrome vanadium steel with polished head and 15° offset. Conform to **DIN 3110**



| Size (mm) | Overall Length | Order Code YMT-582 |
|-----------|----------------|------------------------------|
| 6 x 7 | 122 | -2990K |
| 8 x 9 | 140 | -3000K |
| 10 x 11 | 157 | -4950C |
| 12 x 13 | 172 | -4950D |
| 14 x 15 | 190 | -4950E |
| 16 x 17 | 204 | -3040K |

| Size (mm) | Overall Length | Order Code YMT-582 |
|-----------|----------------|------------------------------|
| 18 x 19 | 220 | -4950G |
| 20 x 22 | 234 | -3051K |
| 21 x 23 | 247 | -3052K |
| 24 x 27 | 266 | -3053K |
| 30 x 32 | 302 | -3054K |

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 |

SENATOR QUALITY TOOLING Open Ended Spanners

Drop forged steel with 15° cranked open ends. Satin finish heads. Conform to **DIN 3110**

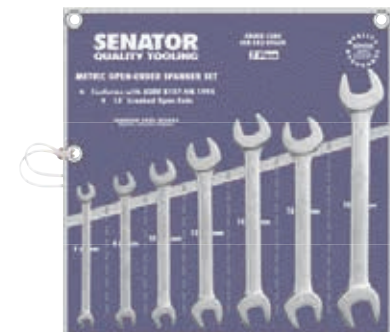


| Size (mm) | Overall Length | Order Code SEN-582 |
|-----------|----------------|------------------------------|
| 6 x 7 | 122 | -5202E |
| 8 x 9 | 140 | -4710K |
| 10 x 11 | 156 | -4720K |
| 12 x 13 | 172 | -5202H |
| 14 x 15 | 190 | -5202J |
| 16 x 17 | 204 | -4750K |

| Size (mm) | Overall Length | Order Code SEN-582 |
|-----------|----------------|------------------------------|
| 18 x 19 | 220 | -4760K |
| 20 x 22 | 236 | -5202M |
| 21 x 23 | 250 | -5202N |
| 24 x 27 | 266 | -4790K |
| 30 x 32 | 302 | -5202W |

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.



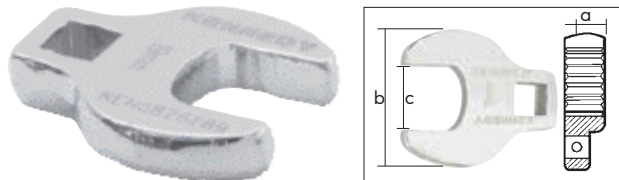
| Number of Pieces | Order Code SEN-582 |
|------------------|------------------------------|
| 7 Metric | -4830K |
| 11 Metric | -4850K |

Spanners - Miniature/Spanner End Fittings

Hand Tools

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 $\frac{3}{8}$ " square drive tools.



| Size (mm) | | (a) | Order Code KEN-582 |
|-----------|-----|-----|------------------------------|
| (c) | (b) | | |
| 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 Miniature Open Ended Spanners



Metric. Conform to **BS 192 : 1982 & DIN 3110.**

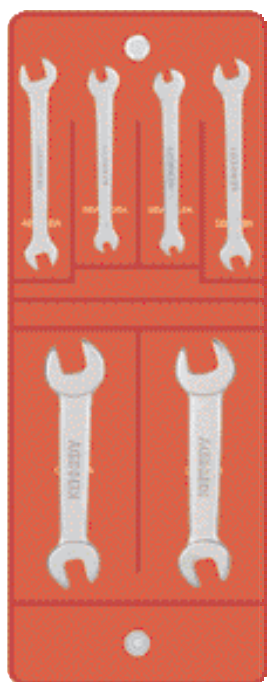
| Size (mm) | Overall Length | Order Code KEN-582 |
|-----------|----------------|------------------------------|
| 3.2 x 4 | 70 | -1001K |
| 4 x 5 | 70 | -1002K |
| 5 x 5.5 | 80 | -1003K |
| 5.5 x 6 | 80 | -1004K |
| 6 x 7 | 80 | -1005K |
| 7 x 8 | 90 | -1006K |

BA. Conform to **BS 1842 : 1952.**

| Size (BA) | Overall Length | Order Code KEN-582 |
|-----------|----------------|------------------------------|
| 0 x 2 | 89 | -0190K |
| 1 x 3 | 67 | -0200K |
| 4 x 6 | 63 | -0220K |
| 5 x 7 | 63 | -0230K |
| 8 x 10 | 64 | -0240K |
| 9 x 11 | 51 | -0250K |

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 |
| 6 Metric | -1010K |

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

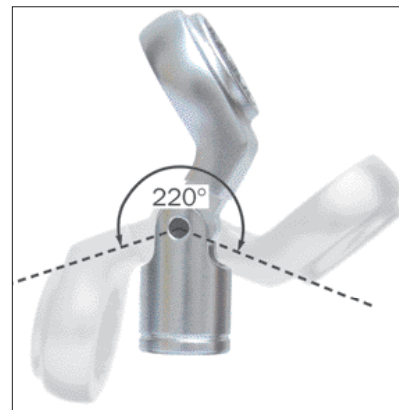


Order Code
KEN-582

-6300K

Flexi-ring End Sockets

1/2 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°.



| Type | Size | Overall Length | Order Code KEN-582 |
|--------|------|----------------|------------------------------|
| Metric | 13mm | 70mm | -1180K |
| | 14mm | 70mm | -1181K |
| | 15mm | 70mm | -1182K |
| | 16mm | 70mm | -1183K |
| | 17mm | 77mm | -1184K |
| | 19mm | 77mm | -1185K |
| | 22mm | 82mm | -1186K |
| | 24mm | 86mm | -1187K |

8 Piece Metric Set Contents:

13, 14, 15, 16, 17, 19, 22 and 24mm.
Supplied with a sturdy hanging rail.

8
PIECES



Order Code
KEN-582

-1190K

KENNEDY Double Ended
QUALITY INDUSTRIAL TOOLING Ring Spanners

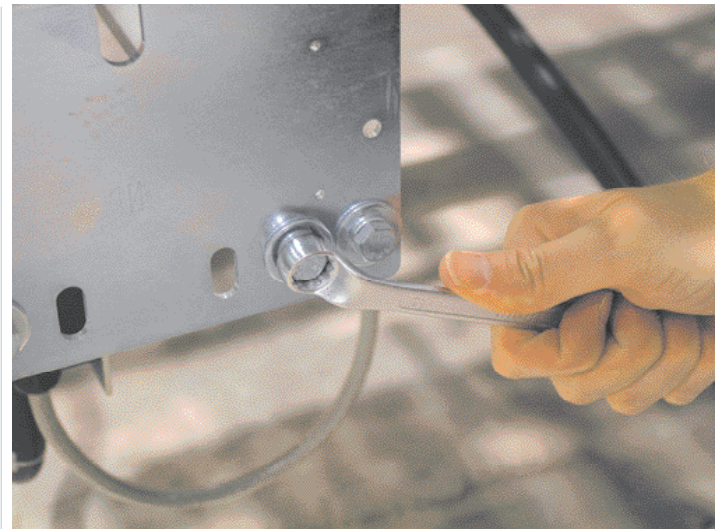
Made from chrome vanadium steel with a satin finish body and highly polished heads, with double ended closed jaw bi-hexagon offset. Conform to DIN 838 Metric & AF, BS 192 : 1982 & BS 3555 : 1998 Whitworth.



| 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 1/16" x 1 7/8" | -1470K |

| Whitworth | Size Whitworth | Order Code KEN-582 |
|-----------|-----------------|-----------------------|
| | 3/16" x 1/4" | -2010K |
| | 1/4" x 5/16" | -2020K |
| | 5/16" x 3/8" | -2030K |
| | 3/8" x 7/16" | -2040K |
| | 7/16" x 1/2" | -2050K |
| | 1/2" x 9/16" | -2060K |
| | 9/16" x 5/8" | -2070K |
| | 5/8" x 3/4" | -2090K |
| | 11/16" x 3/4" | -2100K |
| | 3/4" x 7/8" | -2110K |
| | 7/8" x 1" | -2120K |
| | 1 1/8" x 1 1/4" | -2140K |

**Sets**

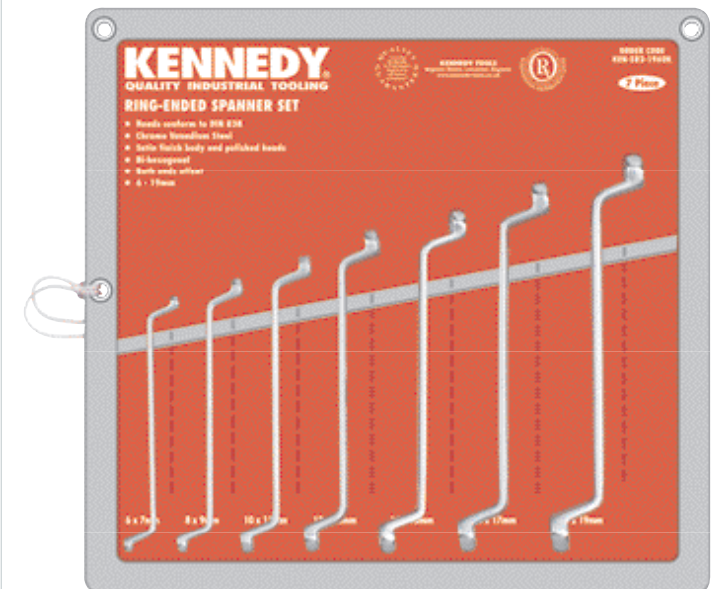
7 Piece Metric: 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17 and 18 x 19mm.

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 |

Order online at cromwell.co.uk or call

North 0800 028 3602 | Central 0800 028 3191 | South 0800 028 3189

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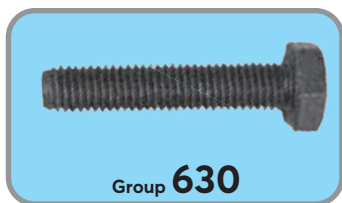
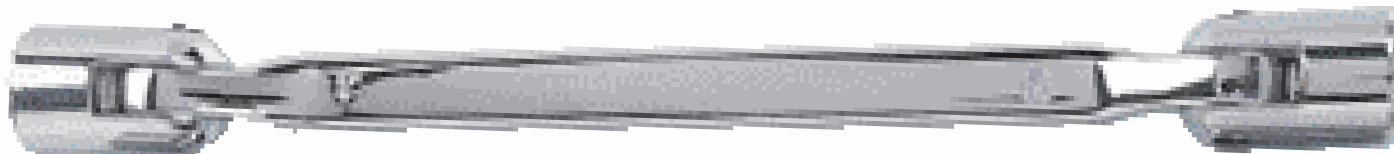
Group **582**

Spanners - Ring

Hand Tools

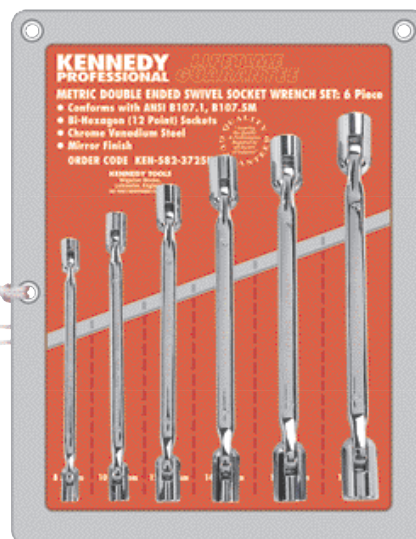
KENNEDY PROFESSIONAL Swivel End Socket Wrenches

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 | Order Code KEN-582 |
|-----------|----------------|------------------------------|
| 8 x 9 | 175 | -3670K |
| 10 x 11 | 185 | -3680K |
| 12 x 13 | 196 | -3690K |
| 14 x 15 | 220 | -3700K |
| 16 x 17 | 240 | -3710K |
| 18 x 19 | 265 | -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

Order Code
KEN-582
-3725K

E-Torx® Ring Spanners

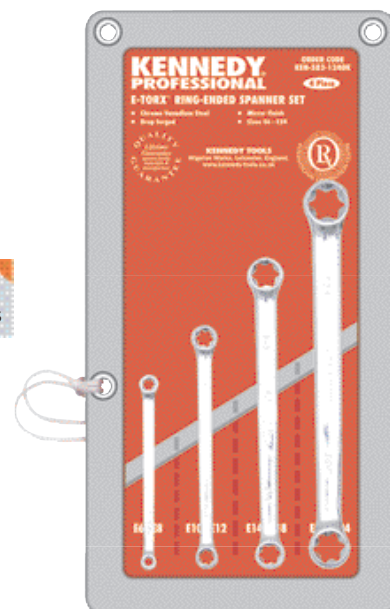
Manufactured from drop forged chrome vanadium steel. Polished finish. Set is supplied in wallet with hanging holes.



| Size | Order Code KEN-582 |
|-----------|------------------------------|
| E6 x E8 | -1200K |
| E10 x E12 | -1210K |
| E14 x E18 | -1220K |
| E20 x E24 | -1230K |

Set
4 Piece E-Torx:
E6 x E8,
E10 x E12,
E14 x E18 and
E20 x E24mm

4
PIECES



Order Code
KEN-582
-1240K

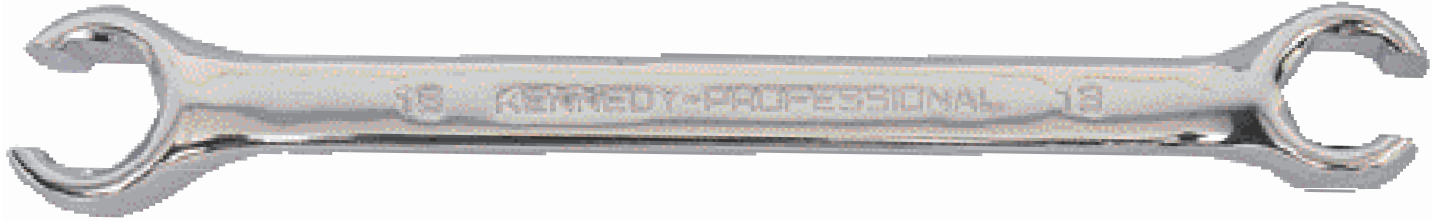
1136

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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 American Federal 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 |

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 |
|------------------|----------------|
| 5 Metric | KEN-582 |
| 4 AF | -1090K |
| | -1170K |

**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 |

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**.

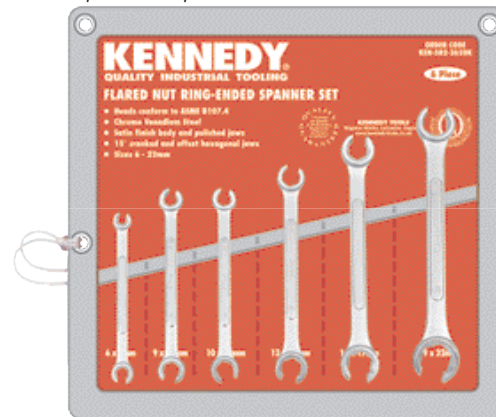
| Size (mm) | Overall Length | Order Code KEN-582 |
|-----------|----------------|-----------------------|
| 6 x 8 | 135 | -3490K |
| 8 x 10 | 135 | -3500K |
| 9 x 11 | 155 | -3510K |
| 10 x 11 | 155 | -3520K |
| 10 x 12 | 155 | -3530K |
| 12 x 14 | 175 | -3540K |
| 13 x 14 | 175 | -3550K |
| 14 x 17 | 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 |

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 |
|------------------|----------------|
| 6 Metric | KEN-582 |
| 5 AF | -3650K |
| | -3659K |

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 |

Order online at cromwell.co.uk or call

North **0800 028 3602** | Central **0800 028 3191** | South **0800 028 3189**

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Ratchet Wrenches

Used for installation and servicing work. Ratcheting head mechanism for use in confined spaces. The ratchet wheels and pawls are made of carbon steel, hardened and tempered. Finished in black with red plastic handles.

Hexagon Turnover

For use on hexagon head fasteners.



Metric

| Size (mm) | Wrench Size | Order Code |
|-----------|-------------|------------|
| 8 | No.1 | -1006F |
| 10 | No.1 | -1007G |
| 13 | No.2 | -1111L |
| 14 | No.2 | -1112M |
| 17 | No.3 | -1216R |
| 19 | No.3 | -1217S |
| 22 | No.3 | -1218T |
| 24 | No.3 | -1219V |
| 30 | No.4 | -1311L |
| 32 | No.4 | -1312M |
| 36 | No.5 | -1408H |

Inch

| Size (inch) | Wrench Size | Order Code |
|-------------|-------------|------------|
| 1/2" | No.2 | -1106F |
| 5/8" | No.2 | -1108H |
| 1 1/16" | No.3 | -1209J |

Square Turnover

For use on square head fasteners.



Metric

| Size (mm) | Wrench Size | Order Code |
|-----------|-------------|------------|
| 8 | No.1 | -1005E |
| 10 | No.2 | -1109J |
| 12 | No.3 | -1213N |
| 14 | No.3 | -1214P |
| 16 | No.3 | -1215Q |
| 20 | No.4 | -1307G |
| 24 | No.4 | -1308H |

Inch

| Size (inch) | Wrench Size | Order Code |
|-------------|-------------|------------|
| 1/4" | No.1 | -1002B |
| 3/8" | No.2 | -1103C |
| 1/2" | No.3 | -1205E |
| 5/8" | No.3 | -1207G |
| 3/4" | No.3 | -1208H |
| 7/8" | No.4 | -1303C |
| 1" | No.4 | -1304D |

Square Lever Reversible

For use on square head fasteners. Lever ratchet mechanism to allow reversal without removal of wrench from fastener



Inch

| Size (inch) | Wrench Size | Order Code |
|-------------|-------------|------------|
| 3/8" | No.2 | -2103C |
| 1/2" | No.3 | -2205E |
| 5/8" | No.3 | -2207G |
| 3/4" | No.3 | -2208H |
| 1" | No.4 | -2304D |
| 1 1/8" | No.4 | -2305E |
| 1 1/4" | No.5 | -2403C |

KENNEDY 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 zinc plated steel tube. Zinc plate corrosion resistance, supplied with tommy bar



Metric

| Size | Length (mm) | Order Code |
|---------|-------------|------------|
| 6 x 7 | 102 | -1060K |
| 8 x 9 | 105 | -1080K |
| 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 |
|----------------|-------------|------------|
| 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 |
| 1 1/16" x 3/4" | 125 | -1630K |

BA

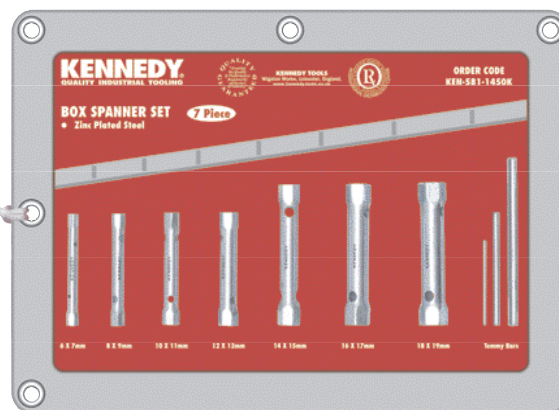
| Size | Length (mm) | Order Code |
|-------|-------------|------------|
| 2 x 3 | 76 | -2220K |

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 1 1/16" x 3/4".

6 Piece BA: 0 x 1, 2 x 3, 4 x 5, 6 x 7, 8 x 9, 10BA.



| No. of Pieces | Order Code |
|---------------|------------|
| 7 Metric | -1450K |
| 6 Inch | -1950K |
| 6 BA | -2350K |

KENNEDY 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 |
|-----------|----------------|--------------------|
| 6 x 7 | 95 | -3060K |
| 7 x 8 | 108 | -3080K |
| 8 x 9 | 117 | -3100K |
| 8 x 10 | 115 | -3140K |
| 9 x 11 | 122 | -3180K |
| 10 x 11 | 122 | -3200K |
| 10 x 13 | 123 | -3240K |
| 11 x 13 | 140 | -3280K |
| 12 x 13 | 140 | -3300K |
| 12 x 14 | 142 | -3320K |
| 13 x 14 | 142 | -3340K |
| 13 x 15 | 160 | -3360K |
| 13 x 17 | 160 | -3380K |
| 14 x 15 | 160 | -3420K |
| 14 x 17 | 160 | -3460K |
| 16 x 18 | 170 | -3540K |
| 17 x 19 | 170 | -3580K |
| 17 x 21 | 193 | -3620K |
| 19 x 22 | 195 | -3700K |
| 19 x 24 | 205 | -3740K |
| 22 x 24 | 220 | -3820K |
| 24 x 27 | 244 | -3900K |
| 24 x 29 | 265 | -3950K |
| 24 x 30 | 265 | -4000K |
| 30 x 32 | 273 | -4100K |
| 30 x 36 | 305 | -4150K |
| 32 x 36 | 305 | -4200K |
| 36 x 41 | 340 | -4250K |
| 41 x 46 | 380 | -4300K |
| 46 x 50 | 420 | -4350K |
| 50 x 55 | 460 | -4400K |
| 55 x 60 | 500 | -4500K |
| 65 x 70 | 580 | -4600K |
| 75 x 80 | 660 | -4700K |

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 |
| 3 5/8" AF | 445 | -6850K |
| 3 7/8" AF | 485 | -6870K |
| 4 1/4" AF | 510 | -6900K |

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 |
| 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 |

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 |
| 100 | 420 | -7180K |
| 105 | 420 | -7190K |
| 110 | 450 | -7200K |
| 115 | 450 | -7210K |
| 120 | 480 | -7220K |
| 125 | 480 | -7230K |
| 130 | 520 | -7240K |
| 135 | 520 | -7250K |
| 140 | 520 | -7260K |
| 145 | 580 | -7270K |
| 150 | 580 | -7280K |
| 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 1/4" | 360 | -7820K |
| 3 1/2" | 390 | -7840K |
| 3 5/8" | 420 | -7850K |
| 3 7/8" | 420 | -7870K |
| 4 1/4" | 450 | -7900K |
| 4 5/8" | 450 | -7920K |



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 |

WORKSHOP Adjustable Podger Wrench

Black finish with parallel opening jaws which are ground, polished and etched with metric graduations. The head also has a striking face for hammering which can be used to help move stubborn bolts.

Capacity: 45mm.



| Overall Length | Order Code PRO-580 |
|----------------|-----------------------|
| 15"/380mm | -0001A |

SNAIL BRAND

Cranked Open Jaw Podger Spanners

Cranked handle assists with location of spanner on to fixings within a recess.



| Size | Order Code SNA-580 |
|------|-----------------------|
| 19mm | -0531B |
| 24mm | -0533D |
| 30mm | -0535F |
| 36mm | -0537H |

Scaffolding Tools

Manufactured to surpass the performance test **BS2558: 1954**.

The sockets locate directly onto the handle relieving stress on the rivet. All sockets are plated, hardened and stress relieved to ensure they retain their shape.

Double Ended Swing Over Spanner

Swingover handle spanner with a 7/16" Whitworth socket end and 1/2" socket end for use on fixings. Suitable for use with all popular scaffold fixings used in the UK.

Overall length: 320mm.
Bar diameter: 15mm.
Socket size: 7/16"W x 1/2"W.



Order Code
KEN-580

-9040K

Spinner Head Spanner

The handle is produced from a one piece drop forging with a 7/16" and 1/2" Whitworth double ended socket for use on fixings. Features a taper podger end used to line up holes and manipulate fixings. Rotating socket s a single tool for two fastener sizes.



Overall length: 245mm.
Socket size: 7/16"W x 1/2"W.

Order Code
KEN-580

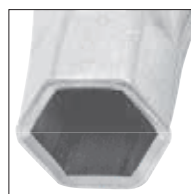
-9080K

Combination Podger Spanner

Swingover handle spanner with a 7/16" Whitworth socket end for use on fixings. Features a cranked taper square podger end for use on eyebolt and jacking collars.



Overall length: 295mm.
Bar diameter: 15mm.



Socket Size

Order Code
KEN-580

7/16"W

-9060K

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.



Overall length: 275mm.
Bar diameter: 15mm.
Head diameter: 35mm.
Head length: 45mm.

Order Code
KEN-580

-9100K

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.



Overall length: 305mm.
Bar diameter: 15mm.
Head width: 20mm.

Order Code
KEN-580

-9070K

Single Ended Swing Over Spanners

Single ended swingover handle spanners. Available in 7/16" or 1/2" Whitworth socket end size for use on fixings.



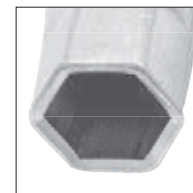
Standard



Heavy Duty



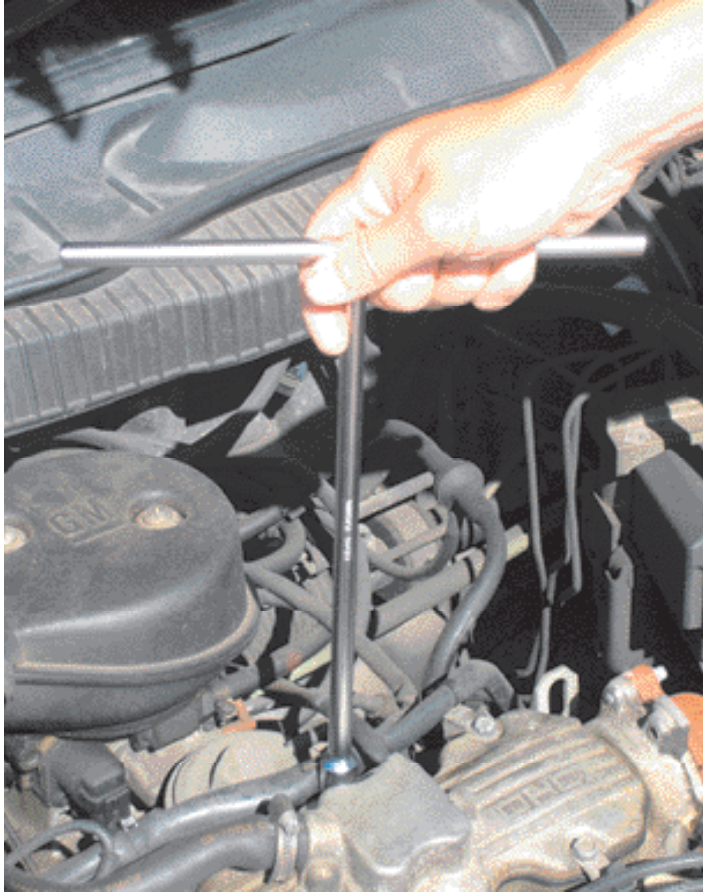
Chunky



| Size | Bar Dia. | Type | Order Code KEN-580 |
|-------|----------|------------|-----------------------|
| 7/16" | 15mm | Standard | -9020K |
| 7/16" | 15mm | Heavy Duty | -9010K |
| 7/16" | 15mm | Chunky | -9050K |

KENNEDY T-Type Wrenches
QUALITY INDUSTRIAL TOOLING

For use in restricted areas. Ideally suited to changing spark plugs as the one piece design ensures that no socket or extension bar can stick 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 |

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 Adjustable Pin Wrench
QUALITY INDUSTRIAL TOOLING

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 |
| | 2.5-4mm | -1350K |
| Pins to Suit | 6-8mm | -1360K |
| | 3-5mm | -1370K |
| | 7-9mm | -1380K |

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 |

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 |

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.



| Sizes | Order Code YMT-582 |
|-------------|------------------------------|
| 3/4 - 4 3/4 | -9100K |

8
PIECES

Order online at cromwell.co.uk or call

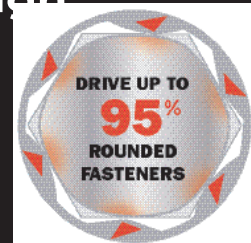
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CHROME VANADIUM

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.



Standard Length Sockets



Conform to DIN3124.



1/4" Square Drive

| Size | Overall Length | Order Code |
|--------|----------------|------------|
| 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 |

Standard Length Sockets



Conform to DIN3124.



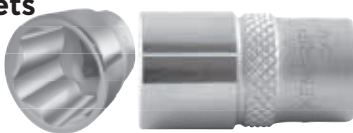
1/2" Square Drive

| Size | Overall Length | Order Code |
|--------|----------------|------------|
| 8.0mm | 36.0 | -6871K |
| 9.0mm | 37.0 | -6872K |
| 10.0mm | 37.0 | -6873K |
| 11.0mm | 37.0 | -6874K |
| 12.0mm | 37.0 | -6875K |
| 13.0mm | 37.0 | -6876K |
| 14.0mm | 37.0 | -6877K |
| 15.0mm | 37.0 | -6878K |
| 16.0mm | 37.0 | -6879K |
| 17.0mm | 37.0 | -6880K |
| 18.0mm | 37.0 | -6881K |
| 19.0mm | 37.0 | -6882K |
| 20.0mm | 37.0 | -6883K |
| 21.0mm | 37.0 | -6884K |
| 22.0mm | 37.0 | -6885K |
| 23.0mm | 37.0 | -6886K |
| 24.0mm | 37.0 | -6887K |
| 25.0mm | 40.0 | -6888K |
| 26.0mm | 40.0 | -6889K |
| 27.0mm | 40.0 | -6890K |
| 28.0mm | 40.0 | -6891K |
| 29.0mm | 40.0 | -6892K |
| 30.0mm | 45.0 | -6893K |
| 32.0mm | 45.0 | -6895K |
| 33.0mm | 45.0 | -6898K |
| 36.0mm | 45.0 | -6899K |

Standard Length Sockets



Conform to DIN3124.



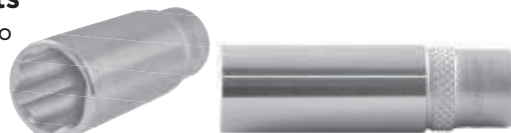
3/8" Square Drive

| Size | Overall Length | Order Code |
|--------|----------------|------------|
| 6.0mm | 26.0 | -5832K |
| 7.0mm | 26.0 | -5833K |
| 8.0mm | 26.0 | -5834K |
| 9.0mm | 26.0 | -5835K |
| 10.0mm | 26.0 | -5836K |
| 11.0mm | 26.0 | -5837K |
| 12.0mm | 26.0 | -5838K |
| 13.0mm | 26.0 | -5839K |
| 14.0mm | 30.0 | -5840K |
| 15.0mm | 30.0 | -5841K |
| 16.0mm | 30.0 | -5842K |
| 17.0mm | 30.0 | -5843K |
| 18.0mm | 30.0 | -5844K |
| 19.0mm | 30.0 | -5845K |
| 20.0mm | 30.0 | -5846K |
| 21.0mm | 30.0 | -5847K |
| 22.0mm | 27.0 | -5848K |

Deep Sockets



Conform to DIN3124.



3/8" Square Drive

| Size | Overall Length | Order Code |
|--------|----------------|------------|
| 8.0mm | 62.0 | -5849K |
| 9.0mm | 62.0 | -5850K |
| 10.0mm | 62.0 | -5851K |
| 11.0mm | 62.0 | -5852K |
| 12.0mm | 62.0 | -5853K |
| 13.0mm | 62.0 | -5854K |
| 14.0mm | 62.0 | -5855K |
| 15.0mm | 62.0 | -5856K |
| 16.0mm | 62.0 | -5857K |
| 17.0mm | 62.0 | -5858K |
| 18.0mm | 64.0 | -5859K |
| 19.0mm | 64.0 | -5860K |
| 21.0mm | 64.0 | -5861K |
| 22.0mm | 64.0 | -5862K |

Kennedy KenGrip[™] sockets will drive metric fasteners which are up to 95% rounded off and inch sizes which are up to 70% rounded off. Each KenGrip[™] socket can be used for up to five different fastener sizes. Kennedy KenGrip[™] Side Drive Sockets are suitable for a wide range of fastener types, including ISO Metric, UNC, UNF, BSW, BSF and E-Torx.

The table below shows the most common sizes:

| KenGrip Size | Width Across Flat | Max. Rounding Off | Also Suitable for: | | | | | | |
|--------------|-------------------|-------------------|--------------------|-------------------|------|-------|-------|------------------|-----|
| | | | Inch (AF) | Max. Rounding Off | BSW | BSF | BA | E-TRX Drive Size | |
| 8mm | 8mm | Up to 95% | 5/16" | Up to 70% | | | 3BA | E10 | |
| 9mm | 9mm | | 11/32" | | | | 2BA | | |
| 10mm | 10mm | | 3/8" | | | | 1BA | E12 | |
| 11mm | 11mm | | 13/32" | | | | OBA | | |
| 12mm | 12mm | | 7/16" | | | 3/16" | 1/4" | | E14 |
| 13mm | 13mm | | 1/2" | | | | | | E16 |
| 14mm | 14mm | | 17/32" | | | 1/4" | 5/16" | | |
| 15mm | 15mm | | 9/16" | | | | | | E18 |
| 16mm | 16mm | | 5/8" | | | 5/16" | 3/8" | | E20 |
| 17mm | 17mm | | 21/32" | | | | | | |
| 18mm | 18mm | | 11/16" | | | 3/8" | 7/16" | | |
| 19mm | 19mm | | 3/4" | | | | | | E24 |
| 20mm | 20mm | | 25/32" | | | | | | |
| 21mm | 21mm | | 13/16" | | | 7/16" | 1/2" | | |
| 22mm | 22mm | | 27/32" | | | | | | |
| 23mm | 23mm | | 7/8" | | | | | | E28 |
| 24mm | 24mm | | 15/16" | | | 1/2" | 9/16" | | |
| 25mm | 25mm | | 31/32" | | | | | | |
| 26mm | 26mm | | 1" | | | 9/16" | 5/8" | | E32 |
| 27mm | 27mm | | 11/16" | | | | | | |
| 30mm | 30mm | 15/32" | | | | | | | |
| 32mm | 32mm | 1 1/4" | | 1 1/16" | 3/4" | | E40 | | |

**KENNEDY
PROFESSIONAL****Side Drive
Socket Sets****KENGRIP®**
Patented Design**1/4" 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.

| | |
|------------------|--------------------------|
| Number of pieces | Order Code |
| 19 | KEN-582 -8800K |

**19
PIECES****3/8" 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, 1/4" and 1/2" male adaptors, 1/4" socket bit coupler. Robust fitted case with security padlock hole and cushion grip handle.**50
PIECES**

| | |
|------------------|--------------------------|
| Number of pieces | Order Code |
| 50 | KEN-582 -8810K |

**For Regular Hex' and
Bi-Hex' Sockets
See Pages
1146
to 1162****1/2" Square Drive 30 Piece Metric Set****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 | Order Code |
| 30 | KEN-582 -8820K |

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Sockets & Accessories - 1/4" Square Drive

Hand Tools

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 |
|----------|----------------|---------------|
| Standard | 125mm | -4025K |
| Stubby | 75mm | -4028K |

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 |
|----------------|-----------------|---------------|
| 140 | 20 | -4020K |

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 |
|----------------|-----------------|---------------|
| 140mm | 72 | -4005K |

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 |
|----------------|-----------------|---------------|
| 143mm | 72 | -4015K |

YAMOTO INDUSTRIAL SOCKET SETS Lever Reversible Rubber Handle

1/4 Chrome vanadium. With thumb lever for reversing. Quick release.



| Overall Length | Number of Teeth | Order Code |
|----------------|-----------------|---------------|
| 140mm | 72 | -4010K |

FACOM Fast Action Twist Handle Ratchet

1/4 Socket safety lock prevents sockets becoming detached and lost in machinery. Palm control system avoids the risk of accidental reverse. ISO 3315, DIN 3122.



| Product Head dia. | Overall Length | Order Code |
|-------------------|----------------|---------------|
| 27mm | 120mm | -7101H |

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 |
|----------------|-----------------|---------------|
| 140mm | 72 | -4010K |

EXPERT Reversible Ratchet Wrench

E030605

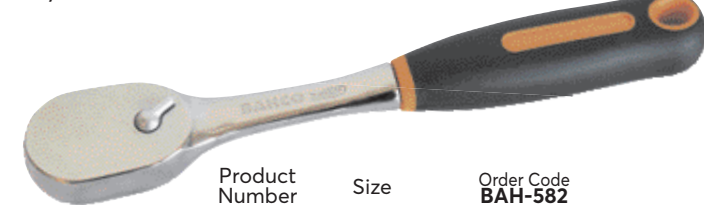
1/4 With thumb lever for reversing without having to remove the socket or accessory. 72 Tooth ratchet mechanism. Easy to maintain, service kit available.



| Size | Overall Length | Order Code |
|------|----------------|---------------------------------|
| 1/4" | 140mm | BTL-582 -1030X |

BAHCO The Dual 80 Teeth Technology Ratchet

1/4 No sharp edges and a non-slip 2-component handle ensures a comfortable and safe grip. Made from high performance alloy steel.



| Product Number | Size | Order Code |
|----------------|------|---------------|
| 6950 | 1/4" | -3350K |

KENNEDY QUALITY INDUSTRIAL TOOLING Swivel Handle

1/4 The hinged link allows operation at varied angles to aid access in restricted areas. Knurled grip.



| Overall Length | Order Code |
|----------------|---------------|
| 150mm | -4180K |

Pear Head Ratchet

1/4 Sealed pear ratchet has a 1/4" square drive head to fit 1/4" sockets. The mechanism is dustproof and maintenance free with 72 teeth giving 5° increments.



| Overall Length | Order Code |
|----------------|---------------|
| R.360PB | -7158S |

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 |
| 105mm | KEN-582 -4040K |

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 |
| 50mm | -4060K |
| 100mm | -4080K |
| 150mm | -4100K |
| 250mm | -4120K |

Flexible

Steel wire braid allows access into obstructed areas.



| | |
|----------------|-------------------|
| Overall Length | Order Code |
| 150mm | KEN-582 -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 |
| 50mm | -4070K |
| 100mm | -4090K |
| 150mm | -4110K |
| 250mm | -4130K |

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 |
| 40mm | KEN-582 -4160K |

Double Ended Lug

For connecting two female square drives



| | | |
|---------------------|----------------|-------------------|
| Drive Female x Male | Overall Length | Order Code |
| 1/4" x 1/4" | 25mm | KEN-582 -4240K |

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 |
| 1/4" x 1/4" | 25mm | KEN-582 -4230K |

Universal Joint

1/4 Chrome finish.



| | |
|----------------|-------------------|
| Overall Length | Order Code |
| 33mm | PTO-582 -2600H |

PROTO Socket Extensions

1/4 Chrome finish.

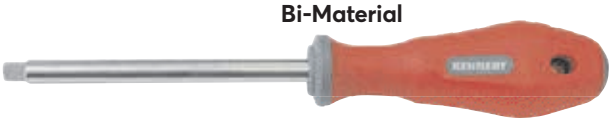


| | |
|----------------|-------------------|
| Overall Length | Order Code |
| 50mm | PTO-582 -2589T |
| 75mm | -2590J |
| 150mm | -2591V |
| 350mm | -2592W |

KENNEDY PROFESSIONAL Spinner Handles

1/4 Fixed Type: chrome vanadium blade with spring loaded ball bearing socket retainer.

Overall length: 150mm.



Bi-Material



Polypropylene

| | |
|---------------|-------------------|
| Handle Type | Order Code |
| Bi-Material | KEN-582 -4190K |
| Polypropylene | -4200K |

Drive Converter

For using a combination of square drive sockets in one application.



| | | |
|---------------------|----------------|-------------------|
| Drive Female x Male | Overall Length | Order Code |
| 1/4" x 3/8" | 27mm | KEN-582 -4220K |
| 3/8" x 1/4" | 37mm | -5180K |

Ratchet Repair Kits



| | |
|------------------------|-------------------|
| To suit Ratchet Number | Order Code |
| KEN-582-4020K | KEN-582 -4280K |
| KEN-582-4005K/4015K | -4290K |

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KENNEDY PROFESSIONAL

Standard Length Sockets



Conform to **DIN3124**.



- 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.

1/4" 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

1/4" 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 | |

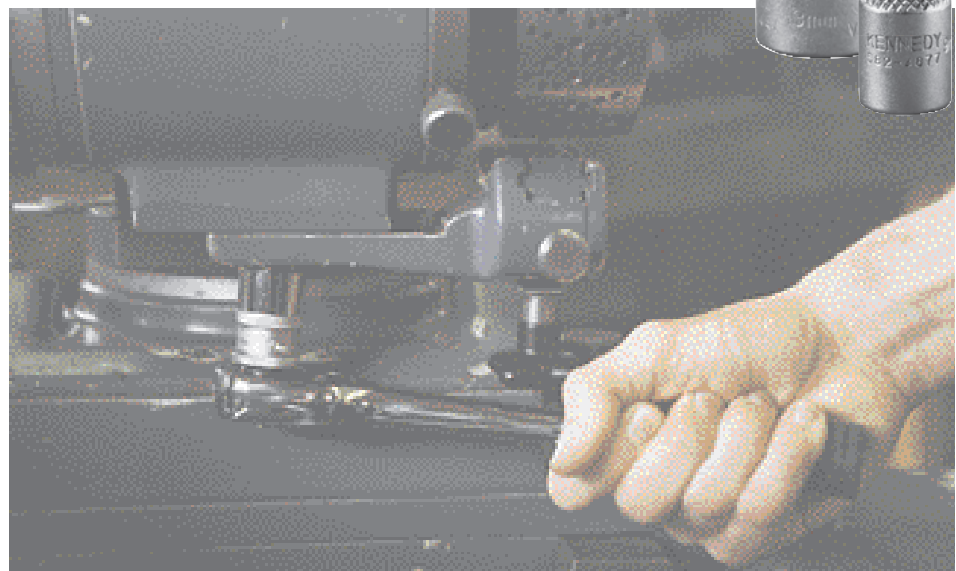
Standard & Deep Pockets Sockets



Ideal for assembly and servicing of small precision mechanisms associated with electrical, electronic, ignition and refrigeration work. All bi-hexagon unless stated.



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.



| 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) | | |
| 3/16" | 50mm | -4555K |
| 7/32" | 50mm | -4556K |
| 1/4" | 50mm | -4557K |
| 9/32" | 50mm | -4558K |
| 3/8" | 50mm | -4561K |
| 7/16" | 50mm | -4562K |
| 9/16" | 50mm | -4564K |
| *Single Hex BA | | |
| 0 | 25mm | -4600K |
| *1 | 25mm | -4610K |
| 2 | 25mm | -4620K |
| 3 | 25mm | -4630K |
| 4 | 25mm | -4640K |
| *5 | 25mm | -4650K |
| *6 | 25mm | -4660K |

YAMOTO Standard Sockets

1/4" A/F Manufactured from high grade chrome vanadium which is fully chromed, aluminium free and with a high polish mirror finish. Side-Drive® bi-hexagon sockets are designed to reduce stress and damage to fasteners.



| Size | Overall Length | Order Code YMT-582 |
|--------|----------------|--------------------|
| 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 |

Extension Bars

1/4" Manufactured from high grade chrome vanadium which is fully chromed, aluminium free and with a high polish mirror finish.



| Overall Length | Order Code YMT-582 |
|----------------|--------------------|
| 50mm | -4060K |
| 100mm | -4080K |
| 150mm | -4100K |

Universal Joint

1/4" Hinged through 180° in both directions. Manufactured from high grade chrome vanadium which is fully chromed, aluminium free and with a high polish mirror finish.



| Overall Length | Order Code YMT-582 |
|----------------|--------------------|
| 40mm | -4160K |

Standard Sockets

1/4" Metric Manufactured from high grade chrome vanadium which is fully chromed, aluminium free and with a high polish mirror finish. Side-Drive® bi-hexagon sockets are designed to reduce stress and damage to fasteners.



| Size | Overall Length | Order Code YMT-582 |
|--------|----------------|--------------------|
| 4.0mm | 25mm | -4300K |
| 4.5mm | 25mm | -4310K |
| 5.0mm | 25mm | -4320K |
| 5.5mm | 25mm | -4330K |
| 6.0mm | 25mm | -4340K |
| 7.0mm | 25mm | -4350K |
| 8.0mm | 25mm | -4360K |
| 9.0mm | 25mm | -4370K |
| 10.0mm | 25mm | -4380K |
| 11.0mm | 25mm | -4390K |
| 12.0mm | 25mm | -4400K |
| 13.0mm | 25mm | -4410K |
| 14.0mm | 25mm | -4420K |

Wobble Extension Bar

1/4" For use in areas where clearance may be a problem the 'wobble' square drive can be used at an angle of up to 15°. Manufactured from high grade chrome vanadium which is fully chromed, aluminium free and with a high polish mirror finish.



| Overall Length | Order Code YMT-582 |
|----------------|--------------------|
| 150mm | -4110K |

Flexible Extension

1/4" Manufactured from high grade chrome vanadium which is fully chromed, aluminium free and with a high polish mirror finish.



| Overall Length | Order Code YMT-582 |
|----------------|--------------------|
| 150mm | -4140K |

Order online at cromwell.co.uk or call

North **0800 028 3602** | Central **0800 028 3191** | South **0800 028 3189**

1147

YAMOTO Deep Sockets

Metric
 Manufactured from high grade chrome vanadium which is fully chromed, aluminium free and with a high polish mirror finish. Side-Drive® bi-hexagon sockets are designed to reduce stress and damage to fasteners.



| Size | Overall Length | Order Code YMT-582 |
|--------|----------------|-----------------------|
| 4.0mm | 50mm | -4670K |
| 4.5mm | 50mm | -4671K |
| 5.0mm | 50mm | -4672K |
| 5.5mm | 50mm | -4673K |
| 6.0mm | 50mm | -4674K |
| 7.0mm | 50mm | -4675K |
| 8.0mm | 50mm | -4676K |
| 9.0mm | 50mm | -4677K |
| 10.0mm | 50mm | -4678K |
| 11.0mm | 50mm | -4679K |
| 12.0mm | 50mm | -4680K |
| 13.0mm | 50mm | -4681K |
| 14.0mm | 50mm | -4682K |

Sliding T-Handle

Manufactured from high grade chrome vanadium which is fully chromed, aluminium free and with a high polish mirror finish.



| Overall Length | Order Code YMT-582 |
|----------------|-----------------------|
| 105mm | -4040K |

Spinner Handle

Fixed Type
 Chrome vanadium shaft, polypropylene handle with spring loaded bearing socket retainer.



| Overall Length | Order Code YMT-582 |
|----------------|-----------------------|
| 150mm | -4200K |

Deep Sockets

A/F
 Manufactured from high grade chrome vanadium which is fully chromed, aluminium free and with a high polish mirror finish. Side-Drive® bi-hexagon sockets are designed to reduce stress and damage to fasteners.



| Size | Overall Length | Order Code YMT-582 |
|--------|----------------|-----------------------|
| 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 |

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. Manufactured from high grade chrome vanadium which is fully chromed, aluminium free and with a high polish mirror finish. All have ball retaining grooves. Conform to **DIN standards**.



| Size | Bit Length (mm) | Overall Length (mm) | Weight each | Order Code YMT-582 |
|-------------------|-----------------|---------------------|-------------|-----------------------|
| Hexagon | | | | |
| 3mm | 15 | 36 | 16g | -4790K |
| 4mm | 15 | 36 | 16g | -4800K |
| 5mm | 15 | 36 | 17g | -4810K |
| 6mm | 15 | 36 | 18g | -4820K |
| 8mm | 15 | 36 | 19g | -4830K |
| Crosspoint | | | | |
| No.2 | 15 | 36 | 16g | -4760K |
| No.3 | 15 | 36 | 17g | -4770K |
| TX | | | | |
| T15 | 15 | 36 | 16g | -4690K |
| T20 | 15 | 36 | 16g | -4691K |
| T25 | 15 | 36 | 16g | -4692K |
| T30 | 15 | 36 | 17g | -4694K |



Composite Ratchet Handle

3/8 With reverse lever, push button quick release. 72-tooth gear drive. Chrome vanadium core.

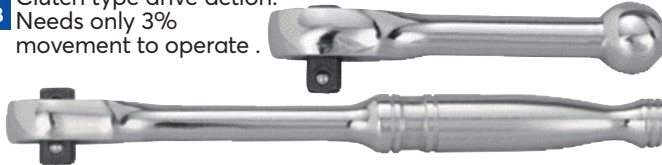


| Overall Length | Number of Teeth | Order Code |
|--------------------|-----------------|--------------------------|
| 200mm | 72 | YMT-582 -7510K |
| Ratchet Repair Kit | | -8510K |



Push Through Steel Handles

3/8 Clutch type drive action. Needs only 3% movement to operate.



| Type | Overall Length | Order Code |
|----------|----------------|--------------------------|
| Standard | 180mm | KEN-582 -4945K |
| Stubby | 105mm | -4948K |



Disc Type Steel Handle

3/8 Basic wrench with high polished finish. Fitted with spring loaded ball bearing socket retainer.



| Length | of Teeth | Order Code |
|--------|----------|--------------------------|
| 200mm | 42 | KEN-582 -4900K |

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 |
|----------------|-----------------|--------------------------|
| 200mm | 41 | KEN-582 -4930K |

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 |
|----------------|-----------------|--------------------------|
| 200mm | 72 | KEN-582 -4942K |

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 |
|----------------|-----------------|--------------------------|
| 200mm | 72 | KEN-582 -4932K |



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 |
|----------------|-----------------|--------------------------|
| 200mm | 72 | YMT-582 -4944K |



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 |
|----------------|-----------------|--------------------------|
| 200mm | 72 | SEN-582 -4950K |



Ratchet Repair Kits

3/8

| To suit Ratchet Number | Order Code |
|------------------------|--------------------------|
| KEN-582-4900K | KEN-582 -5220K |
| KEN-582-4932/4942K | -5215K |
| KEN-582-4940K | -5235K |



Ratchet Repair Kits

3/8

| To suit Ratchet Number | Order Code |
|------------------------|--------------------------|
| YMT-582-4010K | YMT-582 -4015K |
| YMT-582-4944K | -4945K |



Ratchet Repair Kits

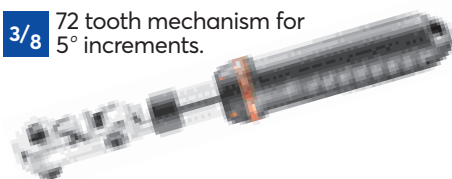
3/8

| To suit Ratchet Number | Order Code |
|------------------------|--------------------------|
| SEN-582-4010K | SEN-582 -4015K |
| SEN-582-4950K | -4955K |



2-in-1 Ratchet with Extending Handle

3/8 72 tooth mechanism for 5° increments.



8 setting positions secured by safety catch.

| Product Number | Maximum Length | Order Code |
|----------------|----------------|--------------------------|
| JXL171 | 355mm | FAC-582 -6133T |



Fast Action Twist Handle Ratchet

3/8 Socket safety locking, so sockets cannot become detached.

Ratchet head diameter: 37mm.



| Product Number | Overall Length | Number of Teeth | Order Code |
|----------------|----------------|-----------------|--------------------------|
| J.360PB | 233mm | 72 | FAC-582 -6010R |



Pear Head Ratchet

3/8 72-tooth mechanism for 5° increments. Compact head. Hanging hook. ISO 3315, DIN 3122.

Ratchet head diameter: 29mm.



| Product Number | Overall Length | Number of Teeth | Order Code |
|----------------|----------------|-----------------|--------------------------|
| JL.161 | 210mm | 72 | FAC-582 -6038Y |

Order online at cromwell.co.uk or call

North 0800 028 3602 | Central 0800 028 3191 | South 0800 028 3189

KENNEDY PROFESSIONAL Swivel Handles

3/8 The hinged link allows operation at varied angles to aid access in restricted areas.



-5060K



| Grip | Overall Length | Weight each | Order Code KEN-582 |
|--------|----------------|-------------|--------------------|
| Steel | 225mm | 310g | -5060K |
| Rubber | 225mm | 225g | -5160K |

Heavy Duty American Pattern



| Grip | Overall Length | Weight each | Order Code KEN-582 |
|----------|----------------|-------------|--------------------|
| American | 375mm | 310g | -5065K |

Components

| | |
|---------------------|--------|
| Replacement Knuckle | -5068K |
|---------------------|--------|

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 |

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 |

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 Pattern | 425mm | 500g | -5090K |
| Rubber Grip | 470mm | 410g | -5030K |
| Rubber Grip | 400mm | 470g | -5080K |

YAMOTO Swivel Handle

3/8 Chrome finish. American style handle.



| Overall Length | Weight each | Order Code YMT-582 |
|----------------|-------------|--------------------|
| 225mm | 310g | -5060K |

Spinner Handle Fixed Type

3/8



| Overall Length | Weight each | Order Code YMT-582 |
|----------------|-------------|--------------------|
| 210mm | 240g | -5100K |

Sliding 'T' Handle

3/8



| Overall Length | Weight each | Order Code YMT-582 |
|----------------|-------------|--------------------|
| 165mm | 185g | -4920K |

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 Hinged 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 |

KENNEDY PROFESSIONAL Extension Bars

3/8 Extensions

Manufactured from high quality chrome vanadium with a fully polished finish. All with knurled 'finger grip'.



Locking

| Overall Length | Order Code |
|----------------|------------|
| 75mm | -4960K |
| 125mm | -4980K |
| 150mm | -5000K |
| 250mm | -5020K |
| 300mm | -5050K |
| 450mm | -5070K |

Locking

A lever at the ratchet end of the extension pushes down a rod inside the bar which locks out the socket retaining ball, securing the socket to the bar. Ideal for use where there is a risk of leaving a socket in a recess.

| Overall Length | Order Code |
|----------------|------------|
| 300mm | -5150K |

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 |
|----------------|------------|
| 75mm | -5110K |
| 150mm | -5120K |
| 250mm | -5140K |

YAMOTO Industrial Socket Sets

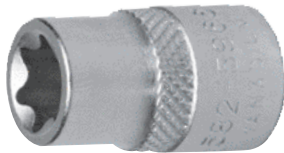
3/8 Chrome finish.



| Type | Overall Length (mm) | Order Code |
|----------|---------------------|------------|
| Standard | 75 | -4960K |
| Standard | 150 | -5000K |
| Wobble | 250 | -5140K |

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 |
|------|------------|
| E6 | -5960K |
| E8 | -5962K |
| E10 | -5964K |
| E12 | -5966K |
| E14 | -5968K |
| E16 | -5970K |

PROTO Single Hexagon Sockets

Metric single hexagon torque plus™ wrenching system. Allows the socket to contact the fastener away from the corners dispersing stress - allows 15% more torque to be applied whilst reducing the risk of rounding.



| Product Number | Size (mm) | Overall Length | Order Code |
|----------------|-----------|----------------|------------|
| 5210MH | 10 | 26mm | -2996K |
| 5213MH | 13 | 28mm | -2997W |
| 5214MH | 14 | 28mm | -2998C |
| 5215MH | 15 | 28mm | -2998G |
| 5217MH | 17 | 28mm | -2998P |
| 5219M | 19 | 28mm | -2999K |

Flexible Extension

3/8 Black oxidised finish.



| Overall Length | Order Code |
|----------------|------------|
| 205mm | -3015B |

IRWIN 5 Piece Bolt-Grip™ Fastener Remover Set

All have 3/8" square drive and outside hexagon for use with sockets and spanners. Manufactured from carbon steel for durability. Grips fasteners that are rounded off, painted over or rusted tight.

Contents:
3/8", 7/16", 1/2", 9/16" and 5/8".
See below for expansion set.

5 PIECES



| Overall Length (mm) | Order Code |
|---------------------|------------|
| 27mm | -3610A |

Bolt Grip™ 5 Piece Expansion Set

Covers a complete range of fastener sizes. Unique reverse spiral flute design securely grips and removes stubborn rusty or painted nuts and bolts. Fits into bolt-grip base set's storage slot.

Contents:
5/16" (8mm), 10mm, 13mm, 11/16", 3/4" (19mm) additional removal sockets.

5 PIECES



| Order Code |
|------------|
| IRW-565 |
| -3620B |

7 Piece Power-Grip™ Fastener Remover Set

Reverse spiral flutes for maximum gripping power. Universal shape fits metric and fractional sizes. 1/4" hexagon shank suitable for use with power drills and nut drivers. Durable high carbon steel for longer life.

Contents:
1/2", 7/16", 9/16", 3/8", 5/16", 1/4", 3/16".

7 PIECES



| Overall Length (mm) | Order Code |
|---------------------|------------|
| 27mm | -8100K |

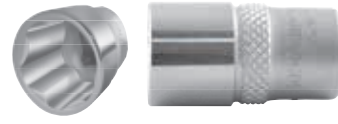
Order online at cromwell.co.uk or call

North 0800 028 3602 | Central 0800 028 3191 | South 0800 028 3189

Sockets & Accessories - 3/8" Square Drive

Standard Length Sockets

| Type | Size | Overall Length |
|--------|--------|----------------|
| Metric | 6mm | 26 |
| | 7mm | 26 |
| | 8mm | 26 |
| | 9mm | 26 |
| | 10mm | 26 |
| | 11mm | 26 |
| | 12mm | 26 |
| | 13mm | 26 |
| | 14mm | 30 |
| | 15mm | 30 |
| | 16mm | 30 |
| AF | 17mm | 30 |
| | 18mm | 30 |
| | 19mm | 30 |
| | 20mm | 30 |
| | 21mm | 30 |
| | 22mm | 27 |
| | 1/4" | 27 |
| | 5/16" | 27 |
| | 11/32" | 27 |
| | 3/8" | 27 |
| | 7/16" | 27 |
| 1/2" | 27 | |
| Whit | 9/16" | 27 |
| | 5/8" | 27 |
| | 11/16" | 30 |
| | 3/4" | 25 |
| | 13/16" | 27 |
| | 7/8" | 27 |
| | 1/8" | 27 |
| | 3/16" | 27 |
| | 1/4" | 30 |
| | 5/16" | 30 |
| | 3/8" | 30 |
| 7/16" | 30 | |
| 1/2" | 30 | |



| Order Code |
|----------------|
| KEN-582 |
| -5832K |
| -5833K |
| -5834K |
| -5835K |
| -5836K |
| -5837K |
| -5838K |
| -5839K |
| -5840K |
| -5841K |
| -5842K |
| -5843K |
| -5844K |
| -5845K |
| -5846K |
| -5847K |
| -5848K |



| Order Code |
|----------------|
| KEN-582 |
| -5240K |
| -5250K |
| -5260K |
| -5270K |
| -5280K |
| -5290K |
| -5300K |
| -5310K |
| -5320K |
| -5330K |
| -5340K |
| -5350K |
| -5360K |
| -5370K |
| -5380K |
| -5390K |
| -5400K |
| -5430K |
| -5440K |
| -5450K |
| -5460K |
| -5470K |
| -5480K |
| -5490K |
| -5500K |
| -5510K |
| -5520K |
| -5530K |
| -5540K |
| -5580K |
| -5590K |
| -5600K |
| -5610K |
| -5620K |
| -5630K |
| -5640K |



| Order Code |
|----------------|
| YMT-582 |
| -5240K |
| -5250K |
| -5260K |
| -5270K |
| -5280K |
| -5290K |
| -5300K |
| -5310K |
| -5320K |
| -5330K |
| -5340K |
| -5350K |
| -5360K |
| -5370K |
| -5380K |
| -5390K |
| -5400K |
| -5430K |
| -5440K |
| -5450K |
| -5460K |
| -5470K |
| -5480K |
| -5490K |
| -5500K |
| -5510K |
| -5520K |
| -5530K |
| -5540K |
| - |
| - |
| - |
| - |
| - |
| - |

KENGGRIP
Patented Design
Conform to DIN3124.
3/8" Square Drive

Grips without damaging
Grips up to 95% rounded off

See Pages **1142-1143**

Deep Sockets

| Type | Size | Overall Length |
|--------|--------|----------------|
| Metric | 8mm | 62 |
| | 9mm | 62 |
| | 10mm | 62 |
| | 11mm | 62 |
| | 12mm | 62 |
| | 13mm | 62 |
| | 14mm | 62 |
| | 15mm | 62 |
| | 16mm | 62 |
| | 17mm | 62 |
| | 18mm | 64 |
| AF | 19mm | 64 |
| | 21mm | 64 |
| | 22mm | 64 |
| | 3/8" | 63 |
| | 7/16" | 63 |
| | 1/2" | 63 |
| | 9/16" | 63 |
| | 5/8" | 65 |
| | 11/16" | 65 |
| | 3/4" | 65 |
| | 13/16" | 65 |



3/8" Square Drive

| Order Code |
|----------------|
| KEN-582 |
| -5849K |
| -5850K |
| -5851K |
| -5852K |
| -5853K |
| -5854K |
| -5855K |
| -5856K |
| -5857K |
| -5858K |
| -5859K |
| -5860K |
| -5861K |
| -5862K |
| - |
| - |
| - |
| - |
| - |
| - |
| - |
| - |
| - |
| - |
| - |
| - |
| - |
| - |
| - |



| Order Code |
|----------------|
| KEN-582 |
| -5700K |
| -5710K |
| -5720K |
| -5730K |
| -5740K |
| -5750K |
| -5760K |
| -5770K |
| -5780K |
| -5790K |
| -5800K |
| -5810K |
| -5820K |
| -5830K |
| -5870K |
| -5880K |
| -5890K |
| -5900K |
| -5910K |
| -5920K |
| -5930K |
| -5940K |



| Order Code |
|----------------|
| YMT-582 |
| - |
| - |
| -5720K |
| -5730K |
| -5740K |
| -5750K |
| -5760K |
| -5770K |
| - |
| -5790K |
| - |
| -5810K |
| - |
| -5830K |
| -5870K |
| -5880K |
| -5890K |
| -5900K |
| -5910K |
| -5920K |
| -5930K |
| -5940K |



Group **594**

Single Hexagon Standard Length



| Type | Size | Overall Length | Order Code |
|-------------------|------|----------------|------------|
| Metric Single Hex | 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 |
| AF | 17mm | 30 | -5565K |
| | 18mm | 30 | -5566K |
| | 19mm | 30 | -5567K |

Sockets & Accessories - 3/8" Square Drive

582 Group

Hand Tools

KENNEDY PROFESSIONAL Double Lug

3/8 Chrome vanadium. For connecting two female square drives. 25mm long.



| Drive Male x Male | Weight each | Order Code |
|-------------------|-------------|------------|
| 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 |
|---------------------|------------|
| 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 |
|-------------|----------------|------------|
| 3/8" x 1/4" | 30mm | -5200K |

Spark Plug Sockets

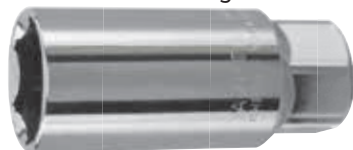
3/8 For insertion and removal of spark plugs. Neoprene insert helps retain the plug and protect the insulation material from damage.



| Size (Plug) | Overall Length | Order Code |
|-------------|----------------|------------|
| 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 |
|-------------|----------------|------------|
| M10 | 65mm | -5670K |
| M14 | 68mm | -5660K |

Hex Bit Adaptor

3/8 Chrome vanadium. For converting square drive tooling to use hexagon bits.



| Drive x Hex | Overall Length | Order Code |
|-------------|----------------|------------|
| 3/8" x 1/4" | 30mm | -5200K |

KENGRIP Patented Design

Range Available

See Pages 1138-1139

Grips without damage

Grips up to 95% rounded off

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 | -6222K |
| 7/32" | 20 | 50 | -6223K | - |
| 1/4" | 20 | 50 | -6224K | -6224K |
| TX | | | | |
| T6 | 20 | 50 | -6231K | - |
| T7 | 20 | 50 | -6232K | - |
| T8 | 20 | 50 | -6233K | - |
| T9 | 20 | 50 | -6234K | - |
| 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 | | Bit Sets | |
|----------------------------------|----------------|---------------------|------------|
| Size | Overall Length | Description | Order Code |
| | | 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 | |



6 Piece Set Contents: 4, 5, 6, 7, 8, 10mm.



6 Piece Set Contents: T20, T25, T30, T40, T45 and T50

Order online at cromwell.co.uk or call North 0800 028 3602 | Central 0800 028 3191 | South 0800 028 3189

1153

KENNEDY PROFESSIONAL Lever Reversible Rubber Handle

1/2 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.



1/2 1/2" DRIVE: The most popular drive size used in the service and maintenance industries. This popularity is due to its strength and robust nature.

Ratchet Repair Kits



| Overall Length | Number of Teeth | Weight each | Order Code |
|----------------|-----------------|-------------|--------------------------|
| 240mm | 72 | 430 | KEN-582 -6422K |

| To suit Ratchet Number | Weight each | Order Code |
|------------------------|-------------|---------------|
| KEN-582-6400K | 130g | -6740K |
| KEN-582-6412K/-6422K | 140g | -6725K |

Push Through Rubber Handle

1/2 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 |
|----------------|-----------------|-------------|--------------------------|
| 270mm | 30 | 500g | KEN-582 -6430K |

Lever Reversible Steel Handle

1/2 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 |
|----------------|-----------------|-------------|--------------------------|
| 250mm | 72 | 510g | KEN-582 -6412K |

Push Through Steel Handle - Gearless

1/2 Chrome - molybdenum with mirror polished finish. Push through square drive, needs only 3% movement to operate gearless ratchet.



| Overall Length | Weight each | Order Code |
|----------------|-------------|--------------------------|
| 250mm | 470g | KEN-582 -6435K |



1/2 Drive Pear Head Reversible Ratchet

E032808

With a bi-material round handle profile to guarantee an excellent grip.

- Compact head
- Quick-release
- 72 tooth mechanism
- 5° arc swing
- Forward/reverse low profile 1 hand switch
- Resistant to industrial and automotive solvents and fluids
- Ideal to access restricted spaces



| Product No. | Drive Size in. | Order Code |
|-------------|----------------|--------------------------|
| E032808 | 1/2 | BTL-582 -1230G |

FACOM Ratchet Handle

1/2 Fine tooth ratchets with minimum reverse torque. 72 teeth mechanism operates in 5° increments.



Meets requirements of ISO 3315, DIN 3122, NF ISO 3315.

| Product Number | Size Inch | Overall Length (mm) | Order Code |
|----------------|-----------|----------------------|--------------------------|
| *SL.161 | 1/2" | 262 | FAC-582 -7756M |
| *SXL.161 | 1/2" | 264-397 (extendable) | -8487J |

Rotator Ratchet

1/2 6° increments for final tightening. Standards: NF ISO 3315, ISO 3315, DIN 3122, ASME B107.10.



| Product Number | Type | Overall Length | Order Code |
|----------------|-----------------|----------------|--------------------------|
| S.360PB | Rotator Ratchet | 233mm | FAC-582 -7516V |

Long Ratchet Handles

1/2 Fine tooth ratchets with minimum reverse torque. 72 teeth mechanism operates in 5° increments.



Meets requirements of ISO 3315, DIN 3122, NF ISO 3315.

| Product Number | Size Inch | Overall Length | Order Code |
|----------------|-----------|----------------|--------------------------|
| S.154 | 1/2" | 404mm | FAC-582 -7445R |

KENNEDY PROFESSIONAL Lever Reversible Steel Handle Flexi-Joint

1/2 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 |
|----------|----------------|-------------|--------------------------|
| Standard | 420 | 860g | KEN-582 -6370K |
| Stubby | 198 | 110g | -6375K |