

# 05

## HAND & CUTTING TOOLS



### TOOL STORAGE

|                                               |         |
|-----------------------------------------------|---------|
| Work Benches & Stations .....                 | 158     |
| Site, Tray & Truck Boxes .....                | 158-160 |
| Tool Boxes, Chests, Cabinets & Trolleys ..... | 160-161 |
| Tool Bags, Belts & Trays .....                | 162     |

### TOOL KITS

|                                          |         |
|------------------------------------------|---------|
| Tool Bag & Box Kits .....                | 163-164 |
| Tool Chest, Cabinet & Trolley Kits ..... | 164-165 |

### SOCKETS & ACCESSORIES

|                                       |         |
|---------------------------------------|---------|
| Impact Socket Sets .....              | 166-167 |
| Impact Sockets .....                  | 168-171 |
| Impact Socket Adaptors & Joints ..... | 171     |
| Tool & Socket Kits .....              | 172     |
| Socket & Ratchet Sets .....           | 173-178 |
| Chrome Socket Sets .....              | 179     |
| Chrome Sockets .....                  | 180-183 |
| Specialty Chrome Sockets & Sets ..... | 183-186 |
| Socket Ratchets & Handles .....       | 187-188 |
| Joints, Adaptors & Bit Holders .....  | 189     |
| Socket & Torque Wrenches .....        | 190-191 |

### HAND TOOLS

|                                                  |         |
|--------------------------------------------------|---------|
| Spanner Sets .....                               | 192-194 |
| Spanners .....                                   | 195-197 |
| Slogging Spanners & Adjustable Wrenches .....    | 197-198 |
| Pipe, Chain, Strap & Drum Wrenches .....         | 198-199 |
| Pliers Sets .....                                | 200-201 |
| Combination, Linesman & Long Nose Pliers .....   | 201-202 |
| Fencing & Circlip Pliers .....                   | 202-203 |
| Multi-Grip, Slip Joint & Locking Pliers .....    | 203-204 |
| Clamps .....                                     | 204-205 |
| Cutting Pliers .....                             | 207     |
| Wire Crimping, Cutting & Stripping Pliers .....  | 208     |
| Scissors & Snips .....                           | 208-209 |
| Bolt & Cable Cutters .....                       | 209-210 |
| Tube & Pipe Cutters .....                        | 210-212 |
| Flaring Tools & Puller/Separators .....          | 212     |
| Socket Extractors & Spring Compressor Sets ..... | 213     |
| Crowbars, Pry & Wrecking Bars .....              | 214-215 |
| Podger Bars & Pins .....                         | 215     |
| Chisels & Sets .....                             | 216     |
| Punches & Sets .....                             | 216-219 |
| Hand Files & Sets .....                          | 220     |

|                                          |         |
|------------------------------------------|---------|
| Claw & Ball Pein Hammers .....           | 222-223 |
| Club, Sledge & Deadblow Hammers .....    | 224-225 |
| Soft Face Hammers & Mallets .....        | 225-226 |
| Hand Saws .....                          | 227     |
| Utility Knives & Cutters .....           | 228     |
| Scrapers & Multi-Tools .....             | 229     |
| Screwdriver Sets .....                   | 230-231 |
| Screwdrivers .....                       | 232     |
| Hex Keys & Sets .....                    | 233-235 |
| Drill Chucks & Arbors .....              | 236     |
| Power Tool Bits & Nutsetters .....       | 236-237 |
| Riveters & Staplers .....                | 238     |
| Shovels & Gardening Tools .....          | 239     |
| Inspection Mirrors & Pick-Up Tools ..... | 240     |
| Hooks & Picks .....                      | 240     |

### MEASURING TOOLS

|                                            |         |
|--------------------------------------------|---------|
| Rulers .....                               | 241     |
| Tape Measures .....                        | 241-242 |
| Spirit Levels & Plumb Bobs .....           | 242     |
| Laser Measuring & Thermometers .....       | 243-244 |
| Vernier & Spring Calipers & Dividers ..... | 245-246 |
| Dial Gauges & Stands .....                 | 246     |
| Micrometers .....                          | 247     |
| Gauges, Scribes & Squares .....            | 248-250 |

### CUTTING & DRILLING TOOLS

|                                      |         |
|--------------------------------------|---------|
| Saw Blades .....                     | 251-254 |
| Carbide Burrs .....                  | 254-255 |
| Jobber Drills & Sets .....           | 258-260 |
| Reduced Shank & Taper Drills .....   | 260-261 |
| Reduction Sleeves .....              | 261     |
| Masonry Drills .....                 | 262     |
| Step Drills .....                    | 263     |
| Centre Drills, Slot & Endmills ..... | 264     |
| Reamers & Annular Cutters .....      | 264-265 |
| Holesaws & Accessories .....         | 266     |
| Lathe Tools & Screw Extractors ..... | 267     |

### TAPPING & THREADING

|                                            |         |
|--------------------------------------------|---------|
| Tapping Drills .....                       | 267-270 |
| Tap Wrenches & Die Holders .....           | 270     |
| Button Dies & Die Nuts .....               | 271-272 |
| Tap & Drill & Tap & Die Sets .....         | 272-273 |
| Pipe Dies, Threaders & Thread Repair ..... | 274-275 |



# WORK BENCHES & SITE TOOL BOXES

HAND & CUTTING TOOLS

## MOD SERIES INDUSTRIAL WORK STATIONS

- Heavy duty professional quality
- Rigid, sturdy and stable
- Bench top made from 3mm steel plate (800kg load capacity)
- All drawers are fitted with ball bearing slides
- Powder coated blue chassis with black top
- Lockable cabinets come with two adjustable shelves
- Suitable for tool rooms, workshops and warehouse counters
- Ideal for mechanics, engineers and tool makers
- 1,800(w) x 750(d) x 900(h)mm



61072970



61072975



61072980

| Item Code | Description                                      | Bishops Code |
|-----------|--------------------------------------------------|--------------|
| MOD 1     | Work Bench                                       | 61072970     |
| MOD 2     | Work Bench With Lockable Cabinet & Single Drawer | 61072975     |
| MOD 3     | Work Bench With Two Drawers                      | 61072980     |

## WORKBENCH PLUS 3 DRAWER CHEST & WALL CABINETS



- Ball bearing slide
- 2 x wall cabinets
- 3 drawer chest: 660(w) x 307(d) x 251(h)mm
- 2 drawer: 569(w) x 275(d) x 50(h)mm
- 1 drawer: 569(w) x 275(d) x 75(h)mm
- Wall cabinet: 400(w) x 200(d) x 500(h)mm
- Overall dimensions: 1,525(w) x 700(d) x 1,520(h)mm
- Weight: 104.2kg



| Item Code | Bishops Code |
|-----------|--------------|
| 87502     | 61072960     |

## PLASTIC SITE BOXES



- Ideal for tradespeople and building sites
- Lockable latches
- Made from UV stabilised LLDPE (low linear density polyethylene) plastic
- Water and damp resistant when closed and sealed
- Side handles
- Heavy duty hinges
- Stackable



| Item Code   | Dimensions                   | Capacity | Bishops Code |
|-------------|------------------------------|----------|--------------|
| TR55463336T | 550(w) x 450(d) x 310(h)mm   | 60L      | 61072500     |
| TR70464136T | 720(w) x 450(d) x 430(h)mm   | 100L     | 61072502     |
| TR90464436T | 900(w) x 450(d) x 420(h)mm   | 140L     | 61072504     |
| TR13046436T | 1,300(w) x 450(d) x 450(h)mm | 216L     | 61072508     |

## PATROL BOXES

- Lightweight sheet metal construction
- Suitable for light duty applications
- Provides plenty of storage in a secure unit
- Can be locked by attaching a padlock to the front latch
- Side handles for ease of lifting



61572250

| Description | Dimensions                 | Capacity            | Bishops Code |
|-------------|----------------------------|---------------------|--------------|
| Standard    | 500(w) x 300(d) x 250(h)mm | 0.04m <sup>3</sup>  | 61572250     |
| Standard    | 700(w) x 350(d) x 350(h)mm | 0.09m <sup>3</sup>  | 61572300     |
| Heavy Duty  | 900(w) x 500(d) x 500(h)mm | 0.225m <sup>3</sup> | 61572500     |

### GET MORE AT BISHOPS



## EXTENSION LEADS

Page 368

## STEEL SITE BOX

- Durable powder-coat for long life
- Weatherproof design
- Sturdy piano hinges
- Forklift tong channel
- 1.2mm thick steel body
- 1.5mm thick steel lid
- 2 x gas struts
- 2 x hidden padlock recesses (bolt cutter proof)
- 2 x steel handles (hinged, flush mount)
- Dimensions: 1,030(l) x 600(w) x 640(h)mm



| Item Code | Bishops Code |
|-----------|--------------|
| RLSIT1030 | 61072485     |

## JOBSITE BOX

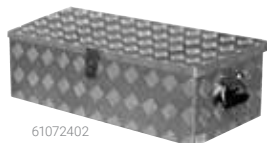
- Internal locking bar system
- Padlock fixing for security locks
- Round handles for easy and safe movement
- Waterproof and heavy duty
- Suitable for both indoor and outdoor use



| Dimensions                   | Capacity             | Bishops Code |
|------------------------------|----------------------|--------------|
| 1,270(w) x 640(d) x 775(h)mm | 0.4392m <sup>2</sup> | 61072515     |

## ALUMINIUM TOOL BOXES

- Made from 1.5mm aluminium checker plate and fully welded
- Riveted butt hinges
- Anti-rust plated chest handles
- 2 x gas struts
- Ideal for mobile service personnel, mining, agricultural industries and workshops
- 61072402 comes with hasp and staple suitable for padlock
- 61072405 and 61072412 come with flush key lock and 2 keys



61072402



61072405

| Item Code | Dimensions                   | Weight | Bishops Code |
|-----------|------------------------------|--------|--------------|
| RLAL765   | 765(w) x 335(d) x 250(h)mm   | 5.6kg  | 61072402     |
| RLAL1250  | 1,250(w) x 380(d) x 380(h)mm | 12.6kg | 61072405     |
| AL1450    | 1,450(w) x 520(d) x 460(h)mm | 18.4kg | 61072412     |

## UNDER TRAY UTE TOOL BOX

- Made from aluminium checker plate and fully welded
- Designed to fit on the back of work vehicles
- Flip-down door with rubber seal to protect from the elements
- Fitted with T-handle keyed lock
- Size: 750/520(w) x 225/270(d) x 440(h)mm
- Weight: 6.6kg



61072410

| Item Code | Description             | Bishops Code |
|-----------|-------------------------|--------------|
| UTB-L     | Under Tray LHS Tool Box | 61072410     |
| UTB-R     | Under Tray RHS Tool Box | 61072415     |

## LOW PROFILE ALUMINIUM BOXES

- Made from 2mm aluminium checker plate and fully welded
- Lower profile means more visibility from cabin
- Lid lifts almost to vertical position for easy access
- Fitted with gas struts
- Stainless steel concealed piano hinge
- Rubber seal helps keep dust and water out
- LP950 model features one T-handle keyed lock, the larger models have two
- 2 x gas struts



61072425

| Dimensions                   | Weight | Bishops Code |
|------------------------------|--------|--------------|
| 1,250(w) x 600(d) x 500(h)mm | 18.7kg | 61072425     |
| 1,550(w) x 600(d) x 500(h)mm | 27.3kg | 61072430     |

## ALUMINIUM ONE TONNER TOOL BOXES

- Made from 2mm aluminium checker plate and fully welded
- 2 x T-handles with keyed alike locks
- Rubber seal to help keep dust and water out
- Concealed stainless steel piano hinge
- 2 x gas struts
- Suits the back of utes and service vehicles
- Single shelf supplied with fasteners to be fitted by purchaser



61072400

| Item Code | Dimensions                   | Weight | Bishops Code |
|-----------|------------------------------|--------|--------------|
| AL1210    | 1,210(w) x 500(d) x 680(h)mm | 25.0kg | 61072400     |
| AL1500    | 1,500(w) x 500(d) x 680(h)mm | 30.0kg | 61072401     |



# TRUCK BOXES & TOOL BOXES

HAND & CUTTING TOOLS

## STEEL TOOL TRUCK BOXES

- Ultra tough for harsh weather conditions
- Sealed bearing slide construction will take plenty of punishment
- Ideal for mobile service personnel, mining and agricultural industries
- Full height front door for added weather protection
- Huge capacity for mobile tradespersons
- Ideal for the back of vehicles
- Large drawers with sealed bearing slides (100kg rating)
- T-handle keyed locking mechanism
- Powder coated finish
- 2 x gas struts
- 4 x heavy duty handles
- The BKAT1770FD comes with fork lift points for easy transport
- Ripple white



61072434



61072436



61072438



61072440

| Item Code  | Description  | Dimensions                   | Bishops Code |
|------------|--------------|------------------------------|--------------|
| BKAT700FD  | Two Drawers  | 700(l) x 600(d) x 750(h)mm   | 61072434     |
| BKAT1210FD | Two Drawers  | 1,210(l) x 640(d) x 750(h)mm | 61072436     |
| BKAT1500FD | Two Drawers  | 1,500(l) x 600(d) x 750(h)mm | 61072438     |
| BKAT1770FD | Four Drawers | 1,770(l) x 600(d) x 750(h)mm | 61072440     |

## PLASTIC TOOL BOX



- Multi-function box with extra space for tools and parts
- Lightweight durable design for tool storage
- Removable tool tray for small parts
- Lay-flat handle for easy stacking
- Dimensions: 445(l) x 240(w) x 206(h)mm
- Weight: 1.74kg
- Capacity: 22ltr



| Item Code | Bishops Code |
|-----------|--------------|
| 87407     | 61072130     |

## UTILITY TOOL BOXES

- Lockable tool box
- Ideal for keeping in the work vehicle
- Handy and portable storage units for any tradesman



61072322

| Size   | Dimensions                 | Net Weight | Bishops Code |
|--------|----------------------------|------------|--------------|
| Small  | 410(w) x 154(d) x 95(h)mm  | 1.3kg      | 61072322     |
| Medium | 420(w) x 175(d) x 140(h)mm | 1.6kg      | 61072325     |
| Large  | 430(w) x 200(d) x 170(h)mm | 2.2kg      | 61072330     |

## CANTILEVER TOOL BOX

- 4 tray, cantilever style
- Provides plenty of storage in one compact unit
- Perfect for keeping in the work vehicle and transporting tools between work sites



| Dimensions                 | Net Weight | Bishops Code |
|----------------------------|------------|--------------|
| 400(w) x 200(d) x 195(h)mm | 3.3kg      | 61072340     |

## ALUMINIUM TOOL BOX WITH HANDLE



- Made from 1.5mm aluminium checker plate and fully welded
- Convenient carry handle on top of lid
- 3 x 75mm butt hinges
- Suitable for mobile service personnel, mining, agricultural industries and workshops
- Built ultra tough
- Size: 580(w) x 245(d) x 210(h)mm
- Weight: 3.5kg



| Item Code | Bishops Code |
|-----------|--------------|
| RLAL580   | 61072403     |



### 3 DRAWER SLIDE TYPE PORTABLE TOOL CHEST



- Heavy gauge steel
- Closing the cover synchronously locks all of the drawers
- Powder coating
- Drawer size: 504(w) x 195(d) x 52(h)mm
- Overall size: 535(w) x 220(d) x 290(h)mm
- Weight: 10.21kg



| Item Code | Bishops Code |
|-----------|--------------|
| 87401-3   | 61072520     |

### 6 DRAWER TOOL CHEST



- Heavy gauge steel
- Drawer slides type-ball bearing
- Grooved full width drawer pulls add strength and space to list contents of drawer
- Fold down locking system
- Powder coating finish
- With drawer liners and 4 bottom rubber mats
- Plastic drawer divider for chest (2 short divider + 2 long divider)
- Overall size: 660(w) x 307(d) x 374(h)mm
- Weight: 25.4kg



| Item Code | Bishops Code |
|-----------|--------------|
| 87411-6B  | 61072530     |

### 5 DRAWER BALL BEARING TYPE TOOL TROLLEY



- 26" roll-wagon (with bulk storage compartment)
- Frame constructed with one piece steel sheet for integral strength
- 4 industrial castors can be loaded 300kg grossly (size: 5" x 1 1/4")
- Useful tool tray/special side handle for easy moving tool trolley
- Grooved full width drawer pulls add strength and space to list contents of drawers
- Central locking system
- 10mm top mat
- Powder coating finish
- Overall size: 670(w) x 460(d) x 812(h)mm
- Weight: 56kg

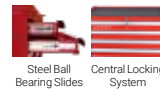


| Item Code | Bishops Code |
|-----------|--------------|
| 87432-5G  | 61072580     |

### EXTRA WIDE 7 DRAWER MOBILE TOOL CABINET



- Single piece steel frame for integral strength
- Side handle and lock castors for easy transportation
- Full width drawer pulls add strength
- Heavy duty ball bearing drawer slides and strong castors
- Includes rubber tray liner to protect tools and 10mm work mat on top surface
- Powder coated finish
- Dimensions: 1,070(w) x 460(d) x 980(h)mm
- Load Capacity: 600kg
- Weight: 129kg

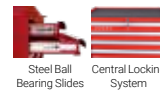


| Item Code | Bishops Code |
|-----------|--------------|
| 87439-7B  | 61073000     |

### 13 DRAWER TOOL CHEST TROLLEY



- 525 piece tool kit contents available separately
- Single piece steel frame for integral strength
- Side handle and lock castors for easy transportation
- Full width drawer pulls add strength
- Heavy duty ball bearing drawer slides and strong castors
- Includes rubber tray liner to protect tools and 10mm work mat on top surface
- Powder coated finish
- Load capacity: 600kg
- Dimensions: 1,358(w) x 460(d) x 980(h)
- Weight: 166kg



| Item Code | Bishops Code |
|-----------|--------------|
| 87435-13B | 61073010     |

### 1 DRAWER BALL BEARING TYPE SHELF TROLLEY



- Two 88.9mm deep trays are positioned for convenience
- Cuff: 2.7kg
- Overall size: 716(w) x 410(d) x 750(h)mm
- Weight: 23.2kg



| Item Code | Bishops Code |
|-----------|--------------|
| 87441-1B  | 61072920     |



## TOOL BAGS & PARTS TRAY

HAND & CUTTING TOOLS

### FABRIC TOOL BOX

- Waterproof 1200D nylon oxford
- Light weight stainless bar and comfortable EVA handle
- Velcro cover for easy access and quickly take out tools
- Adjustable ambi-bag with soft padded shoulder strap
- 39 inner pockets for multiple-tools storage
- 50% lighter compared to metal box
- Overall size: 550(l) x 285(w) x 370(h)mm
- Weight: 3kg



| Item Code |
|-----------|
| 87711C    |

| Bishops Code |
|--------------|
| 61072105     |

### ELECTRICIAN'S CANVAS TOOL BAGS

- Waterproof canvas construction with PVC base
- High-visibility reflective strip and piping
- Tools not included



61022040



61022050

| Item Code | Description | Size              | Bishops Code |
|-----------|-------------|-------------------|--------------|
| 91970062  | Small       | 340 x 270 x 120mm | 61022040     |
| 91970063  | Medium      | 450 x 120 x 270mm | 61022050     |
| 302907    | Large       | 500 x 110 x 280mm | 61022060     |

### LEATHER NAIL BAG

- Made from split leather with rivet reinforced stress points
- Features two pockets for carrying a wide range of tools
- Fitted with adjustable 50mm webbing belt
- Fits waist up to 115cm



| Item Code |
|-----------|
| 11202     |

| Bishops Code |
|--------------|
| 62554300     |

### ROUND MAGNETIC PARTS & TOOL HOLDER

- Stainless steel tray resists corrosion
- Can be used horizontally, vertically, and upside down
- Convenient for collecting small parts and tools
- 150mm diameter
- Weight: 4.3kg



| Item Code |
|-----------|
| 9TE11     |

| Bishops Code |
|--------------|
| 62080290     |

# NAVIGATING & CHOOSING TOOL KITS

WITH SO MANY OPTIONS AND COMBINATIONS AVAILABLE, NAVIGATING THE RANGE OF TOOL KITS CAN BE DAUNTING.

Plus, we've only included the most commonly requested kits. There are hundreds of different configurations available at Bishops.

## IT'S EASY AT BISHOPS!

To help you navigate, use this handy guide to understand the most common features of the tool kits and then look for these in the naming of the kit.

We've even laid them out in the order below throughout the catalogue in increasing size range, so you can work your way through the options in a logical order.

## KEY FEATURES & ATTRIBUTES

### TOOL BOXES

Small, lightweight and portable, but not at the expense of range. Cantilevered tool boxes pack the most into the smallest volume.



### TOOL CHESTS

Tool chests offer a great combination of range and portability. Whatever the job, there's a tool chest to suit.



### TOOL CABINETS

Tool cabinets are seriously big. Ideal for workshops or garages. Options include number of drawers and optional accessories such as side shelves.



### TOOL CUPBOARDS

Suitable for wall mounting in workshops or similar environment. Comprehensive selections combined with tidy and visible organisation.



# KING TONY



**21 PIECE ELECTRICIAN'S TOOL KIT**



- Comes with a variety of tools to suit electrician tradespeople, including 1,000V insulated hand tools

**Includes:**

- 1 x 1,000V Combination pliers – 210mm
- 1 x 1,000V Diagonal cutting pliers – 160mm
- 1 x 1,000V Long nose pliers – 160mm
- 1 x 1,000V Wire stripper – 160mm
- 1 x Terminals pliers – 220mm
- 2 x 1,000V Electrician screwdrivers – 4 x 125 & 6.5 x 150
- 2 x 1,000V Phillips screwdrivers – PH1 & PH2
- 5 x Electrician screwdrivers – 3 x 100, 4 x 125, 5.5 x 150, 6.5 x 150 & 8 x 175mm
- 1 x Voltage tester
- 1 x 1,000V Knife
- 1 x Stoning hammer – 1kg
- 1 x Electrician's scissors – 145mm
- 1 x Magnetic measuring tape – 5 x 25mm
- 1 x Hacksaw



| Item Code | Bishops Code |
|-----------|--------------|
| 69536     | 61074210     |

**33 PIECE ELECTRICIAN'S TOOL KIT**



**Includes:**

- 2 x Phillips screwdrivers – PH1 x 80mm, PH2 x 100mm
- 4 x Slotted screwdrivers – 5 x 75, 5 x 100, 6.5 x 100, 6.5 x 150mm
- 1 x VDE Insulated Phillips screwdriver – PH2 x 100mm
- 1 x VDE Insulated slotted screwdriver – 6.5 x 150mm
- 1 x 9 Piece ball hex key set – 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16" & 3/8"
- 1 x VDE Insulated combination pliers – 7 1/2"
- 1 x VDE Insulated diagonal cutting pliers – 6 1/2"
- 1 x VDE Insulated long nose pliers – 8 1/4"
- 1 x VDE Insulated wire stripping pliers – 6 1/4"
- 1 x Utility knife – 165mm
- 1 x Adjustable Wrench – 25mm
- 1 x Tape measure – 3m(10')
- 1 x Waterproof 600D Oxford fabric tool bag



| Item Code | Bishops Code |
|-----------|--------------|
| 91333MQ   | 61074460     |

**43 PIECE MECHANICS TOOL BAG SET**



- Soft case
- Tool bag size: 250(l) x 400(w) x 30(h)mm
- Weight: 2.5kg

**Includes:**

- 7 x 1/4" Hex size shank drivers (for Torx internal) – T10, T15, T20, T25, T27, T30 & T40
- 3 x 1/4" Hex size shank drivers (Pozidriv type) – PZ1, PZ2 & PZ3
- 4 x Phillips screwdrivers – PH0 x 60mm, PH1 x 100mm, PH2 x 38mm & PH2 x 150mm
- 3 x Slotted screwdrivers – 3.0 x 75mm, 6.5 x 38mm & 6.5 x 150mm
- 11 x 1/4" Drive 6 point metric standard sockets – 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 & 14mm
- 7 Piece aluminium folding hex key wrench set
- 1 x 1/4" Drive bit holder
- 1 x 1/4" Drive driving handle (PP+TPR)
- 1 x 1/4" Drive universal joint
- 1 x Adjustable wrench
- 1 x European style combination pliers
- 1 x Groove joint pliers
- 1 x Tape measure
- 1 x 18mm Cutter with blades
- 1 x 1/4" Drive socket rail & clip
- 1 x 1/4" Drive socket rail clip



| Item Code | Bishops Code |
|-----------|--------------|
| 92543MR01 | 61074270     |

**62 PIECE TOOL BOX KIT**



- Tool box size: 470(l) x 220(w) x 255(h)mm
- Weight: 15.9kg

**Includes:**

- 7 piece metric combination wrench set
- 6 piece metric screwdriver set
- 3 piece European style combination pliers
- 6 piece 1/2" drive wrench set
- 20 piece 1/2" drive 6 point metric socket set
- 20 piece combination tool set



| Item Code | Bishops Code |
|-----------|--------------|
| 902-062MR | 61074560     |

**63 PIECE TOOL BOX KIT**



- Tool box size: 470(l) x 220(w) x 260(h)mm
- Weight: 14kg

**Includes:**

- 10 x Combination wrenches – 8, 10, 12, 13, 14, 17, 19, 21, 22 & 24mm
- 9 x Ball hex keys (extra long arm) – 1.5, 2, 2.5, 3, 4, 5, 6, 8 & 10mm
- 3 x Phillips screwdrivers – PH1 x 80mm, PH2 x 38mm & PH3 x 150mm
- 3 x Slotted screwdrivers – 5.5 x 100mm, 6.5 x 38mm & 8 x 175mm
- 1 x Centre punch – Ø4 x 120mm
- 2 x Flat chisels – Ø17 x 150mm & Ø23 x 200mm
- 4 x Pin punches – Ø3 x 125mm, Ø4 x 150mm, Ø5 x 165mm & Ø6 x 180mm
- 1 x Adjustable wrench
- 1 x European style combination pliers
- 1 x German style line long nose pliers
- 1 x European style line groove joint pliers
- 1 x American style hammer
- 6 Piece 1/2" drive wrench set for tool box
- 20 piece 1/2" drive socket set metric 6 point for tool chest



| Item Code | Bishops Code |
|-----------|--------------|
| 902-164MR | 61074570     |

**68 PIECE TOOL BOX KIT**



- Tool box size: 470(l) x 220(w) x 255(h)mm
- Weight: 15.9kg

**Includes:**

- 14 x Combination wrenches – 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22 & 24mm
- 3 x Phillips screwdrivers – PH1 x 80mm, PH2 x 38mm & PH3 x 150mm
- 3 x Slotted screwdrivers – 5.5 x 100mm, 6.5 x 38mm & 8 x 175mm
- 1 x Centre punch – Ø4 x 120
- 2 x Flat chisels – Ø17 x 150mm & Ø23 x 200mm
- 4 x Pin punches – Ø3 x 40mm, Ø4 x 50mm, Ø5 x 55mm & Ø6 x 55mm
- 1 x Adjustable wrench
- 1 x European style combination pliers
- 1 x European style line long nose pliers
- 1 x Groove joint pliers
- 1 x German style hammer
- 1 x Hacksaw
- 1 x 6 Piece 1/2" drive wrench set
- 1 x 20 Piece 1/2" drive metric 6 point socket set



| Item Code | Bishops Code |
|-----------|--------------|
| 902-068MR | 61074575     |



## METRIC? IMPERIAL?

Unless otherwise specified in the product title, all tool kits displayed in this catalogue contain a mix of both metric and imperial tools.



### 77 PIECE TOOL BOX KIT



- Tool box size: 470(l) x 220(w) x 255(h)mm
- Weight: 27.4kg

**Includes:**

- 1 x 15 Piece metric combination wrench set
- 1 x 6 Piece metric screwdriver set
- 1 x 29 Piece 1/2" 12 point socket set
- 1 x 6 Piece 1/2" drive accessories
- 1 x 10 Piece 3/4" drive socket set
- 1 x 11 Piece pliers and hex key set



| Item Code   | Bishops Code |
|-------------|--------------|
| 908-077CR01 | 61074302     |

### 109 PIECE TOOL BOX KIT



- Tool box size: 470(l) x 220(w) x 255(h)mm
- Weight: 25.5kg

**Includes:**

- 19 x Combination wrenches – 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 30 & 32mm
- 9 x Ball hex keys (extra long arm) – 1.5, 2, 2.5, 3, 4, 5, 6, 8 & 10mm
- 7 x Star L-wrenches (standard type) – T10, T15, T20, T25, T27, T30 & T40
- 4 x Phillips screwdrivers – PH0 x 60mm, PH1 x 100mm, PH2 x 100mm & PH3 x 150mm
- 6 x Slotted screwdrivers – 3 x 75mm, 4 x 100mm, 5 x 75mm, 5.5 x 125mm, 6.5 x 150mm & 8 x 175mm
- 2 x Flat chisels – Ø20 x 175mm & Ø26 x 300mm
- 8 x Pin punches – Ø2 x 115mm, Ø3 x 125mm, Ø4 x 150mm, Ø5 x 165mm, Ø6 x 180mm, Ø8 x 200mm, Ø12 x 230mm & Ø14 x 250mm
- 1 x Hacksaw
- 6 Piece 1/2" drive wrench set for tool box
- 20 Piece 1/2" drive socket set metric 6 point for tool chest
- 6 Piece flare nut wrench set
- 12 Piece angled socket wrench set
- 1 x European style combination pliers
- 1 x European style heavy duty diagonal cutting nippers
- 1 x European style line long nose pliers
- 1 x European style line end cutting pliers
- 1 x German style line groove joint pliers
- 1 x American style hammer
- 1 x Tape measure
- 1 x Adjustable wrench
- 1 x Lock-grip pliers



| Item Code | Bishops Code |
|-----------|--------------|
| 902-109MR | 61074585     |

### 68 PIECE TOOL CHEST KIT



- Chest size: 535(l) x 220(w) x 290(h)mm
- Weight: 18.8kg

**Includes:**

- 1 x 3 drawer slide type portable tool chest
- 1 x 6 piece metric screwdriver set
- 1 x 38 piece 1/2" drive metric 6 point socket set with 1/2" drive 32 teeth reversible ratchet
- 1 x 4 piece European type pliers set
- 1 x 21 piece combination tool set



| Item Code | Bishops Code |
|-----------|--------------|
| 901-068MR | 61074590     |

### 107 PIECE TOOL CHEST KIT



- Chest size: 660(w) x 307(d) x 374(h)mm
- Weight: 25.4kg

**Includes:**

- 1 x 6 Drawer chest
- 1 x 7 Piece ball hex key set
- 1 x 9 Piece ball hex key set
- 1 x 42 Piece 1/2" drive 12 point socket wrench set
- 1 x Ball peen hammer
- 1 x 6 Piece Phillips & slotted screwdriver set
- 1 x 4 Piece pliers set
- 1 x 38 Piece wrench set



| Item Code | Bishops Code |
|-----------|--------------|
| 911-002CR | 61074610     |

### 187 PIECE TOOL CHEST KIT



- Chest size: 660(w) x 307(d) x 374(h)mm
- Weight: 25.4kg

**Includes:**

- 1 x 6 Drawer chest
- 1 x 31 Piece combination wrench and hey key set
- 1 x 26 Piece combination wrench and hey key set
- 1 x 45 Piece combination wrench and screwdrivers set
- 1 x European type straight internal circlip pliers – 180mm
- 1 x European type straight external circlip pliers – 180mm
- 1 x Locking curved jaw grip pliers – 225mm
- 1 x European type combination pliers – 213mm
- 1 x European type heavy duty diagonal cutting nippers – 200mm
- 1 x European type line long nose pliers – 200mm
- 1 x Ball peen hammer
- 1 x Tape measure – 5m(16ft)



| Item Code  | Bishops Code |
|------------|--------------|
| 911-004CRV | 61074625     |



**219 PIECE TOOL CHEST KIT**



- Chest size: 660(w) x 307(d) x 374(h)mm
- Weight: 48.1kg
- Includes:**
- 1 x 6 Drawer tool chest (87411-6B)
- 1 x 48 Piece 1/4" drive 6 point socket set
- 1 x 70 Piece 1/2" & 3/8" drive 12 point socket set
- 1 x 28 Piece wrench, punch & hammer set
- 1 x 29 Piece screwdriver, plier & hex key set
- 1 x Hacksaw
- 1 x 2 Piece pliers set
- 1 x 4 Piece circlip pliers set
- 1 x 38 Piece wrench set



| Item Code | Bishops Code |
|-----------|--------------|
| 911-000CR | 61074630     |

**173 PIECE TOOL TROLLEY KIT**



- Trolley size: 670(w) x 460(d) x 812(h)mm
- Weight (inc contents): 80.7kg
- Includes:**
- 1 x 5 Drawer ball bearing type tool trolley
- 1 x 6 Piece pin punch set
- 1 x 16 Piece metric combination wrench set
- 1 x 11 Piece 75° offset box end wrench set
- 1 x 8 Piece L-handle ball point hex key set
- 1 x 8 Piece Torx key set
- 1 x 10 Piece metric screwdriver set
- 1 x 7 Piece pliers set
- 1 x 33 Piece 1/2" drive metric 6pt socket set
- 1 x 40 Piece 1/4" & 1/2" drive socket wrench set
- 1 x 3 Piece combination tool set
- 1 x 31 Piece combination tool set



| Item Code    | Bishops Code |
|--------------|--------------|
| 932-003MR01A | 61074655     |

**234 PIECE 6 DRAWER TOOL CHEST KIT**



- Chest size : 660(l) x 307(w) x 374(h)mm
- All sets supplied in tool chest ready trays
- Includes:**
- 1 x 48 Piece 1/4" Drive 6pt socket set
- 1 x 2 Piece pliers set
- 1 x 4 Piece circlip pliers set
- 1 x 78 Piece 3/8" & 1/2" drive socket set
- 1 x 53 Piece hex key, snips, bit & striking tool set
- 1 x 20 Piece screwdriver, pliers & bit socket set
- 1 x 29 Piece combination wrench set



| Item Code   | Bishops Code |
|-------------|--------------|
| 911-003CR01 | 61074633     |

**306 PIECE 5 DRAWER TOOL CHEST KIT**



- 5 drawer, extra deep tool box with EVA foam inserts
- Heavy duty ball bearing drawer slides
- Rubber tray liners to protect tools
- Fully lockable with smooth push-in lock
- Dimensions: 660(l) x 455(w) x 483(h)mm
- Includes:**
- 1 x 5 Drawer tool chest
- 1 x Tape measure – 8m(26ft)
- 1 x Hacksaw – 300mm
- 1 x 20 Piece combination wrench set
- 1 x 24 Piece combination wrench set
- 1 x 10 Piece screwdriver set
- 1 x 103 Piece 1/4", 3/8" & 1/2" Drive socket wrench set
- 1 x 17 Piece pliers, punch & hammer set
- 1 x 40 Piece 1/4", 3/8" & 1/2" Drive socket wrench set
- 1 x 90 Piece wrench, bit & hex key set



| Item Code   | Bishops Code |
|-------------|--------------|
| 919-306CRVB | 61074635     |

**GET MORE AT BISHOPS**

**STEEL CAP BOOTS**

From Page 84



**170 PIECE MOBILE CABINET KIT**



- Overall size: 670(w) x 460(d) x 1,186(h)mm
- Weight: 106.2kg
- Includes:**
- 1 x 6 Drawer chest
- 1 x 5 Drawer tool trolley
- 1 x 16 Piece metric combination wrench set
- 1 x 3 Piece 15° flare nut wrench set
- 1 x 11 Piece 75° offset box end wrench set
- 1 x 10 Piece extra long ball point hex key set
- 1 x 8 Piece L-handle torx hex key set
- 1 x 26 Piece 1/4" drive socket set metric
- 1 x 22 Piece 3/8" drive 12 point metric socket set
- 1 x 24 Piece 1/2" drive 12 point metric socket set
- 1 x 3 Piece European type combination pliers set
- 1 x 9 Piece 1/2" drive torx bit socket set
- 1 x 9 Piece 1/2" drive hex bit socket set
- 1 x 10 Piece 1/2" drive impact driver set
- 1 x 3 Piece combination tool set
- 1 x 6 Piece screwdriver set metric
- 1 x 10 Piece punch set
- 2 x Lock modules



| Item Code | Bishops Code |
|-----------|--------------|
| 941-101MR | 61074660     |



## A GUIDE TO SOCKETS

IMPACT SOCKETS OR STANDARD SOCKETS?  
SO MANY OPTIONS TO CHOOSE FROM –  
FIND THEM AT BISHOPS!



### IMPACT SOCKETS

Use impact sockets with powered impact tools such as electric or pneumatic wrenches. These sockets have thick walls and a phosphate sunk finish that will not crack or flake off under repeated stress. Impact sockets are heat treated to a low hardness and optimised for impact resistance.

### CHROME SOCKETS

Chrome sockets are suitable for use with hand tools. They have thinner walls for better clearance. Chrome sockets are heat treated to a higher hardness for increased strength. Do not use chrome sockets with powered impact tools! You run the risk of injury and delayed or damaged work.



### SOCKET SETS

Impact socket sets include a range of different socket sizes to prepare you for any job. Chrome socket sets typically include a ratcheting socket wrench and other accessories to help with accessibility, such as universal joints or extensions.



### 8 PIECE 1/2" DRIVE IMPACT SOCKET SET – METRIC



- 6 points, standard length
- Metal case size: 270(l) x 73(w) x 46(h)mm
- Weight: 1.3kg

**Includes:**

- Sizes: 10, 12, 13, 14, 17, 19, 21 & 24mm



**Item Code**

4408MP

**Bishops Code**

76252308

### 8 PIECE 1/2" DRIVE IMPACT SOCKET SET – IMPERIAL



- Metal case size: 270(l) x 73(w) x 46(h)mm
- Weight: 1.3kg

**Includes:**

- Sizes: 3/8", 7/16", 1/2", 9/16", 11/16", 3/4", 13/16" & 15/16"



**Item Code**

4408SP

**Bishops Code**

76252108

### 14 PIECE 1/2" DRIVE IMPACT SOCKET SET – IMPERIAL



- 6 points, standard length
- Metal case size: 270(l) x 100(w) x 49(h)mm
- Weight: 2.4kg

**Includes:**

- Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/16", 1 1/8" & 1 1/4"



**Item Code**

4414SP

**Bishops Code**

76252115

### 15 PIECE 1/2" DRIVE IMPACT SOCKET SET – METRIC



- 6 points, deep version
- Chrome molybdenum alloy steel
- Phosphate sunk finishing
- Metal case size: 445(l) x 135(w) x 50(h)mm
- Weight: 4.9kg

**Includes:**

- Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 24, 26, 29 & 32mm



**Item Code**

4415MP

**Bishops Code**

76252315

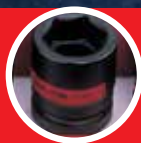


# SOCKET SETS – EASY ID

Impact socket sets are available in metric and imperial.  
King Tony socket sets are easily recognised by their colour.



Metric sizes are always highlighted in blue.



Imperial sizes are always highlighted in red.



## GET MORE AT BISHOPS



### PNEUMATIC IMPACT WRENCHES

From Page 147

### 8 PIECE 3/4" DRIVE IMPACT SOCKET SET – METRIC



- 6 point, Standard length
  - Material: Chrome molybdenum alloy steel
  - Phosphate sunk finish
- Includes:**
- Sizes: 21, 22, 24, 27, 30, 32, 36 & 41mm



Item Code

6409MP03

Bishops Code

76260308

### 11 PIECE 3/4" DRIVE BIT IMPACT SOCKET SET – METRIC



- Chrome molybdenum alloy steel
  - Phosphate sunk finishing
  - Metal case size: 270(l) x 100(w) x 49(h)mm
  - Weight: 1.5kg
- Includes:**

- 4 x 3/4" Drive impact hex bits – 10, 12, 14 & 17mm
- 5 x 3/4" Drive impact hex bits – 19, 22, 24, 27 & 32mm
- 1 x 3/4" Drive impact bit holder
- 1 x 3/4" Drive impact bit holder



Item Code

6411MP

Bishops Code

61006115

### 8 PIECE 3/4" DRIVE IMPACT SOCKET SET – METRIC



- 6 points, standard/lightweight type
  - Chrome molybdenum alloy steel
  - Phosphate sunk finishing
  - Metal case size: 241(l) x 124(w) x 68(h)mm
  - Weight: 3.9kg
- Includes:**
- Sizes: 19, 22, 24, 27, 30, 32, 36 & 38mm



Item Code

6408MP

Bishops Code

76260306

### 8 PIECE 1" DRIVE IMPACT SOCKET SET – METRIC



- 6 points, standard length
  - Chrome molybdenum alloy steel
  - Phosphate sunk finishing
  - Metal case size: 280(l) x 130(w) x 74(h)mm
  - Weight: 6.4kg
- Includes:**
- Sizes: 24, 27, 30, 32, 33, 36, 38 & 41mm



Item Code

8410MP

Bishops Code

76268308

### 8 PIECE 3/4" DRIVE IMPACT SOCKET SET – IMPERIAL



- 6 points, standard/lightweight type
  - Chrome molybdenum alloy steel
  - Phosphate sunk finishing
  - Metal case size: 241(l) x 124(w) x 68(h)mm
  - Weight: 3.5kg
- Includes:**
- Sizes: 3/8", 7/16", 15/16", 1 1/16", 1 1/8", 1 1/4", 1 7/16" & 1 1/2"



Item Code

6408SP10

Bishops Code

76260108

### 8 PIECE 1" DRIVE IMPACT SOCKET SET – IMPERIAL



- 6 points, standard length
  - Chrome molybdenum alloy steel
  - Phosphate sunk finishing
  - Metal case size: 280(l) x 130(w) x 74(h)mm
  - Weight: 6.4kg
- Includes:**
- Sizes: 15/16", 1 1/16", 1 3/16", 1 1/4", 1 5/16", 1 7/16", 1 1/2" & 1 5/8"



Item Code

8410SP

Bishops Code

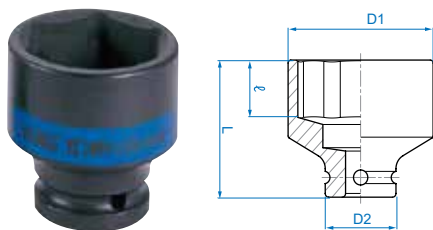
76268108



# 1/2" IMPACT SOCKETS

## 1/2" DRIVE STANDARD IMPACT SOCKETS – METRIC

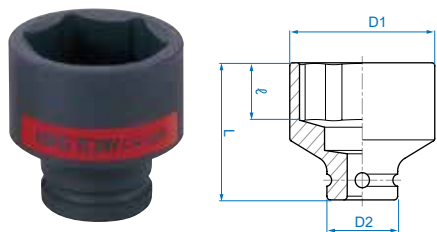
- Chrome molybdenum alloy steel
- Phosphate sunk finishing
- Thin walled design on square driving side
- DIN 3129, ISO2725-2



| Item Code | Size | D1   | D2     | ℓ    | Length | Weight | Bishops Code |
|-----------|------|------|--------|------|--------|--------|--------------|
| 453508M   | 8mm  | 14mm | 25mm   | 7mm  | 38mm   | 67g    | 76247008     |
| 453509M   | 9mm  | 15mm | 25mm   | 7mm  | 38mm   | 67g    | 76247009     |
| 453510M   | 10mm | 17mm | 25mm   | 8mm  | 38mm   | 70g    | 76247010     |
| 453511M   | 11mm | 18mm | 25mm   | 8mm  | 38mm   | 71g    | 76247011     |
| 453512M   | 12mm | 19mm | 25mm   | 9mm  | 38mm   | 72g    | 76247012     |
| 453513M   | 13mm | 20mm | 25mm   | 10mm | 38mm   | 72g    | 76247013     |
| 453514M   | 14mm | 22mm | 25mm   | 10mm | 38mm   | 77g    | 76247014     |
| 453515M   | 15mm | 23mm | 30mm   | 11mm | 38mm   | 112g   | 76247015     |
| 453516M   | 16mm | 24mm | 30mm   | 11mm | 38mm   | 112g   | 76247016     |
| 453517M   | 17mm | 26mm | 30mm   | 12mm | 38mm   | 115g   | 76247017     |
| 453518M   | 18mm | 27mm | 30mm   | 13mm | 38mm   | 115g   | 76247018     |
| 453519M   | 19mm | 28mm | 30mm   | 13mm | 38mm   | 120g   | 76247019     |
| 453521M   | 21mm | 30mm | 30mm   | 14mm | 40mm   | 125g   | 76247021     |
| 453522M   | 22mm | 32mm | 30mm   | 14mm | 40mm   | 143g   | 76247022     |
| 453523M   | 23mm | 33mm | 30mm   | 15mm | 40mm   | 143g   | 76247023     |
| 453524M   | 24mm | 34mm | 30mm   | 15mm | 42mm   | 152g   | 76247024     |
| 453525M   | 25mm | 36mm | 30mm   | 15mm | 42mm   | 168g   | 76247025     |
| 453526M   | 26mm | 37mm | 30mm   | 15mm | 42mm   | 173g   | 76247026     |
| 453527M   | 27mm | 38mm | 30mm   | 16mm | 44mm   | 176g   | 76247027     |
| 453528M   | 28mm | 41mm | 30mm   | 16mm | 44mm   | 194g   | 76247028     |
| 453529M   | 29mm | 41mm | 30mm   | 17mm | 44mm   | 194g   | 76247029     |
| 453530M   | 30mm | 42mm | 30.5mm | 17mm | 44mm   | 201g   | 76247030     |
| 453532M   | 32mm | 46mm | 30mm   | 19mm | 44mm   | 205g   | 76247032     |

## 1/2" DRIVE STANDARD IMPACT SOCKETS – IMPERIAL

- Chrome molybdenum alloy steel
- Phosphate sunk finishing
- Thin walled design on square driving side
- ANSI/ASME B107.2



| Item Code | Size    | D1   | D2     | ℓ    | Length | Weight | Bishops Code |
|-----------|---------|------|--------|------|--------|--------|--------------|
| 453510S   | 5/16"   | 14mm | 25mm   | 7mm  | 38mm   | 67g    | 76246031     |
| 453512S   | 3/8"    | 17mm | 25mm   | 7mm  | 38mm   | 70g    | 76246037     |
| 453514S   | 7/16"   | 18mm | 25mm   | 8mm  | 38mm   | 71g    | 76246043     |
| 453516S   | 1/2"    | 20mm | 25mm   | 10mm | 38mm   | 72g    | 76246050     |
| 453518S   | 9/16"   | 22mm | 25mm   | 10mm | 38mm   | 77g    | 76246056     |
| 453520S   | 5/8"    | 24mm | 25mm   | 11mm | 38mm   | 112g   | 76246062     |
| 453522S   | 11/16"  | 26mm | 30mm   | 12mm | 38mm   | 115g   | 76246068     |
| 453524S   | 3/4"    | 28mm | 30mm   | 13mm | 38mm   | 120g   | 76246075     |
| 453526S   | 13/16"  | 30mm | 30mm   | 14mm | 40mm   | 125g   | 76246081     |
| 453528S   | 7/8"    | 32mm | 30mm   | 14mm | 40mm   | 143g   | 76246087     |
| 453530S   | 15/16"  | 34mm | 30mm   | 15mm | 42mm   | 152g   | 76246093     |
| 453532S   | 1"      | 36mm | 30mm   | 15mm | 42mm   | 168g   | 76246100     |
| 453534S   | 1 1/16" | 38mm | 30mm   | 16mm | 44mm   | 176g   | 76246106     |
| 453536S   | 1 1/8"  | 41mm | 30mm   | 17mm | 44mm   | 194g   | 76246112     |
| 453538S   | 1 3/16" | 42mm | 30.5mm | 17mm | 44mm   | 201g   | 76246118     |
| 453540S   | 1 1/4"  | 46mm | 30mm   | 18mm | 44mm   | 205g   | 76246125     |



## 1/2" DRIVE DEEP IMPACT SOCKETS – METRIC

- Chrome molybdenum alloy steel
- Phosphate sunk finishing
- Thin walled design on square driving side
- DIN 3121



| Item Code | Size | D1   | D2     | ℓ    | Length | Weight | Bishops Code |
|-----------|------|------|--------|------|--------|--------|--------------|
| 443508M   | 8mm  | 14mm | 25mm   | 12mm | 78mm   | 116g   | 76247508     |
| 443510M   | 10mm | 17mm | 25mm   | 12mm | 80mm   | 136g   | 76247510     |
| 443511M   | 11mm | 18mm | 25mm   | 13mm | 80mm   | 144g   | 76247511     |
| 443512M   | 12mm | 19mm | 25mm   | 14mm | 80mm   | 157g   | 76247512     |
| 443513M   | 13mm | 20mm | 25mm   | 14mm | 80mm   | 157g   | 76247513     |
| 443514M   | 14mm | 22mm | 25mm   | 14mm | 80mm   | 172g   | 76247514     |
| 443515M   | 15mm | 23mm | 30mm   | 16mm | 80mm   | 223g   | 76247515     |
| 443516M   | 16mm | 24mm | 30mm   | 16mm | 80mm   | 230g   | 76247516     |
| 443517M   | 17mm | 26mm | 30mm   | 16mm | 80mm   | 240g   | 76247517     |
| 443518M   | 18mm | 27mm | 30mm   | 17mm | 80mm   | 255g   | 76247518     |
| 443519M   | 19mm | 28mm | 30mm   | 18mm | 80mm   | 236g   | 76247519     |
| 443521M   | 21mm | 30mm | 30mm   | 20mm | 80mm   | 240g   | 76247521     |
| 443522M   | 22mm | 32mm | 30mm   | 22mm | 80mm   | 296g   | 76247522     |
| 443523M   | 23mm | 33mm | 30mm   | 24mm | 80mm   | 300g   | 76247523     |
| 443524M   | 24mm | 34mm | 30mm   | 24mm | 80mm   | 308g   | 76247524     |
| 443525M   | 25mm | 36mm | 30mm   | 24mm | 80mm   | 342g   | 76247525     |
| 443526M   | 26mm | 37mm | 30mm   | 27mm | 80mm   | 344g   | 76247526     |
| 443527M   | 27mm | 38mm | 30mm   | 27mm | 80mm   | 356g   | 76247527     |
| 443529M   | 29mm | 41mm | 30mm   | 27mm | 80mm   | 404g   | 76247529     |
| 443530M   | 30mm | 42mm | 30.5mm | 30mm | 80mm   | 416g   | 76247530     |
| 443532M   | 32mm | 46mm | 30mm   | 32mm | 80mm   | 510g   | 76247532     |
| 443536M   | 36mm | 47mm | 30mm   | 36mm | 80mm   | 556g   | 76247536     |

## 1/2" DRIVE DEEP IMPACT SOCKETS – IMPERIAL

- Chrome molybdenum alloy steel
- Phosphate sunk finish
- Thin walled design on square driving side
- ANSI/ASME B107.2



| Item Code | Size   | D1   | D2   | ℓ    | Length | Weight | Bishops Code |
|-----------|--------|------|------|------|--------|--------|--------------|
| 443516S   | 1/2"   | 20mm | 25mm | 14mm | 80mm   | 159g   | 76246550     |
| 443518S   | 9/16"  | 22mm | 25mm | 14mm | 80mm   | 170g   | 76246556     |
| 443520S   | 5/8"   | 24mm | 25mm | 14mm | 80mm   | 232g   | 76246562     |
| 443522S   | 11/16" | 26mm | 30mm | 16mm | 80mm   | 235g   | 76246568     |
| 443524S   | 3/4"   | 28mm | 30mm | 18mm | 80mm   | 251g   | 76246575     |
| 443526S   | 13/16" | 30mm | 30mm | 20mm | 80mm   | 243g   | 76246581     |
| 443528S   | 7/8"   | 32mm | 30mm | 22mm | 80mm   | 292g   | 76246587     |
| 443530S   | 15/16" | 34mm | 30mm | 24mm | 80mm   | 308g   | 76246593     |
| 443532S   | 1"     | 36mm | 30mm | 24mm | 80mm   | 336g   | 76246600     |
| 443536S   | 1 1/8" | 41mm | 30mm | 27mm | 80mm   | 401g   | 76246612     |
| 443540S   | 1 1/4" | 46mm | 30mm | 32mm | 80mm   | 423g   | 76246625     |

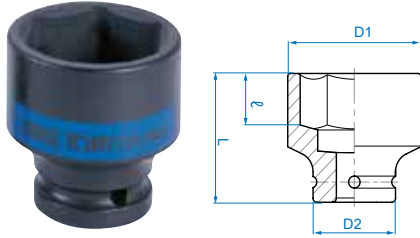




3/4" DRIVE STANDARD IMPACT SOCKETS - METRIC



- Chrome molybdenum alloy steel
- Phosphate sunk finishing
- Thin walled design on square driving side
- DIN 3129

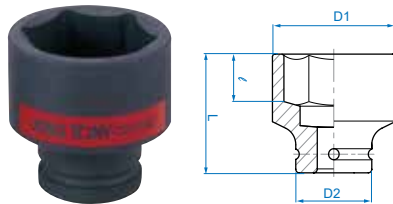


| Item Code | Size | D1   | D2   | ℓ    | Length | Weight | Bishops Code |
|-----------|------|------|------|------|--------|--------|--------------|
| 653517M   | 17mm | 29mm | 44mm | 10mm | 50mm   | 316g   | 76255017     |
| 653519M   | 19mm | 32mm | 44mm | 10mm | 50mm   | 329g   | 76255019     |
| 653521M   | 21mm | 35mm | 44mm | 13mm | 50mm   | 341g   | 76255021     |
| 653522M   | 22mm | 36mm | 44mm | 13mm | 50mm   | 346g   | 76255022     |
| 653523M   | 23mm | 37mm | 44mm | 15mm | 50mm   | 350g   | 76255023     |
| 653524M   | 24mm | 38mm | 44mm | 15mm | 50mm   | 352g   | 76255024     |
| 653526M   | 26mm | 40mm | 44mm | 15mm | 53mm   | 358g   | 76255026     |
| 653527M   | 27mm | 42mm | 44mm | 18mm | 53mm   | 380g   | 76255027     |
| 653528M   | 28mm | 44mm | 44mm | 18mm | 53mm   | 394g   | 76255028     |
| 653530M   | 30mm | 46mm | 44mm | 20mm | 53mm   | 412g   | 76255030     |
| 653532M   | 32mm | 48mm | 44mm | 20mm | 57mm   | 460g   | 76255032     |
| 653533M   | 33mm | 50mm | 44mm | 20mm | 57mm   | 479g   | 76255033     |
| 653534M   | 34mm | 51mm | 44mm | 22mm | 57mm   | 491g   | 76255034     |
| 653535M   | 35mm | 52mm | 44mm | 22mm | 57mm   | 497g   | 76255035     |
| 653536M   | 36mm | 53mm | 44mm | 22mm | 57mm   | 519g   | 76255036     |
| 653538M   | 38mm | 56mm | 44mm | 22mm | 57mm   | 540g   | 76255038     |
| 653541M   | 41mm | 59mm | 44mm | 24mm | 58mm   | 580g   | 76255041     |
| 653542M   | 42mm | 61mm | 44mm | 24mm | 58mm   | 616g   | 76255042     |
| 653543M   | 43mm | 62mm | 44mm | 24mm | 58mm   | 636g   | 76255043     |
| 653546M   | 46mm | 66mm | 44mm | 24mm | 62mm   | 717g   | 76255046     |
| 653550M   | 50mm | 71mm | 54mm | 26mm | 65mm   | 955g   | 76255050     |

3/4" DRIVE IMPACT STANDARD SOCKETS - IMPERIAL



- Chrome molybdenum alloy steel
- Phosphate sunk finishing
- Thin walled design on square driving side
- ANSI/ASME B107.2



| Item Code | Size     | D1     | D2   | ℓ      | Length | Weight | Bishops Code |
|-----------|----------|--------|------|--------|--------|--------|--------------|
| 653522S   | 11/16"   | 29mm   | 38mm | 10mm   | 50mm   | 225g   | 76254068     |
| 653524S   | 3/4"     | 32mm   | 38mm | 10mm   | 50mm   | 238g   | 76254075     |
| 653526S   | 13/16"   | 35mm   | 38mm | 13mm   | 50mm   | 252g   | 76254081     |
| 653528S   | 7/8"     | 36mm   | 38mm | 13mm   | 50mm   | 257g   | 76254087     |
| 653530S   | 15/16"   | 37mm   | 38mm | 15mm   | 50mm   | 288g   | 76254093     |
| 651532S   | 1"       | 38mm   | 38mm | 15mm   | 53mm   | 320g   | 76254100     |
| 653534S   | 11/16"   | 42mm   | 40mm | 18mm   | 53mm   | 325g   | 76254106     |
| 653536S   | 1 1/8"   | 44.7mm | 40mm | 18mm   | 53mm   | 355g   | 76254112     |
| 653538S   | 1 3/16"  | 46mm   | 40mm | 20mm   | 53mm   | 365g   | 76254118     |
| 653540S   | 1 1/4"   | 48mm   | 44mm | 20mm   | 57mm   | 460g   | 76254125     |
| 653542S   | 1 5/16"  | 50mm   | 44mm | 20mm   | 57mm   | 479g   | 76254131     |
| 653544S   | 1 3/8"   | 52mm   | 44mm | 22mm   | 57mm   | 497g   | 76254137     |
| 653546S   | 1 7/16"  | 54mm   | 44mm | 22mm   | 57mm   | 529g   | 76254143     |
| 653548S   | 1 1/2"   | 56mm   | 44mm | 22mm   | 57mm   | 540g   | 76254150     |
| 653550S   | 1 9/16"  | 58mm   | 44mm | 22mm   | 58mm   | 567g   | 76254156     |
| 653552S   | 1 5/8"   | 59mm   | 44mm | 24mm   | 58mm   | 580g   | 76254162     |
| 653554S   | 1 11/16" | 63.5mm | 44mm | 25mm   | 58mm   | 636g   | 76254168     |
| 653556S   | 1 3/4"   | 64mm   | 44mm | 25mm   | 62mm   | 676g   | 76254175     |
| 653558S   | 1 13/16" | 66mm   | 44mm | 25.5mm | 62mm   | 717g   | 76254181     |
| 653560S   | 1 7/8"   | 68mm   | 54mm | 27mm   | 65mm   | 925g   | 76254187     |
| 653564S   | 2"       | 72mm   | 54mm | 28mm   | 68mm   | 1.03kg | 76254200     |
| 653568S   | 2 1/8"   | 76mm   | 54mm | 30mm   | 68mm   | 1.12kg | 76254212     |
| 653570S   | 2 3/16"  | 77mm   | 54mm | 30.5mm | 70mm   | 1.15kg | 76254218     |
| 653572S   | 2 1/4"   | 79mm   | 54mm | 32.5mm | 70mm   | 1.20kg | 76254225     |
| 653576S   | 2 3/8"   | 84mm   | 54mm | 33.5mm | 70mm   | 1.34kg | 76254237     |

3/4" DRIVE DEEP IMPACT SOCKETS - METRIC



- Chrome molybdenum alloy steel
- Phosphate sunk finishing
- Thin walled design on square driving side
- DIN 3121

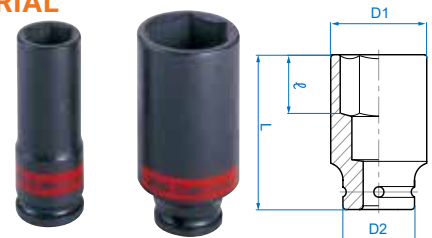


| Item Code | Size | D1   | D2   | ℓ    | Length | Weight | Bishops Code |
|-----------|------|------|------|------|--------|--------|--------------|
| 643519M   | 19mm | 32mm | 44mm | 16mm | 90mm   | 558g   | 76255519     |
| 643521M   | 21mm | 35mm | 44mm | 18mm | 90mm   | 592g   | 76255521     |
| 643522M   | 22mm | 36mm | 44mm | 18mm | 90mm   | 607g   | 76255522     |
| 643523M   | 23mm | 37mm | 44mm | 23mm | 90mm   | 607g   | 76255523     |
| 643524M   | 24mm | 38mm | 44mm | 23mm | 90mm   | 626g   | 76255524     |
| 643525M   | 25mm | 40mm | 44mm | 25mm | 90mm   | 661g   | 76255525     |
| 643526M   | 26mm | 40mm | 44mm | 25mm | 90mm   | 623g   | 76255526     |
| 643527M   | 27mm | 42mm | 44mm | 27mm | 90mm   | 623g   | 76255527     |
| 643528M   | 28mm | 44mm | 44mm | 27mm | 90mm   | 670g   | 76255528     |
| 643530M   | 30mm | 46mm | 44mm | 27mm | 90mm   | 691g   | 76255530     |
| 643532M   | 32mm | 48mm | 44mm | 30mm | 90mm   | 728g   | 76255532     |
| 643533M   | 33mm | 50mm | 44mm | 30mm | 90mm   | 790g   | 76255533     |
| 643536M   | 36mm | 53mm | 44mm | 32mm | 90mm   | 809g   | 76255536     |
| 643538M   | 38mm | 56mm | 44mm | 34mm | 90mm   | 882g   | 76255538     |
| 643541M   | 41mm | 59mm | 44mm | 34mm | 90mm   | 938g   | 76255541     |
| 643544M   | 44mm | 64mm | 44mm | 38mm | 95mm   | 1.18kg | 76255544     |
| 643546M   | 46mm | 66mm | 44mm | 38mm | 95mm   | 1.21kg | 76255546     |
| 643550M   | 50mm | 71mm | 44mm | 40mm | 95mm   | 1.47kg | 76255550     |

3/4" DRIVE DEEP IMPACT SOCKETS - IMPERIAL



- Chrome molybdenum alloy steel
- Phosphate sunk finishing
- Thin walled design on square driving side
- ANSI/ASME B107.2



| Item Code | Size    | D1   | D2   | ℓ    | Length | Weight | Bishops Code |
|-----------|---------|------|------|------|--------|--------|--------------|
| 643530S   | 15/16"  | 37mm | 38mm | 23mm | 90mm   | 495g   | 76254593     |
| 643532S   | 1"      | 38mm | 38mm | 25mm | 90mm   | 500g   | 76254595     |
| 643534S   | 1 1/16" | 42mm | 44mm | 27mm | 90mm   | 624g   | 76254606     |
| 643536S   | 1 1/8"  | 45mm | 44mm | 27mm | 90mm   | 680g   | 76254612     |
| 643538S   | 1 3/16" | 46mm | 44mm | 27mm | 90mm   | 684g   | 76254618     |
| 643542S   | 1 5/16" | 50mm | 54mm | 30mm | 90mm   | 789g   | 76254631     |
| 643544S   | 1 3/8"  | 52mm | 44mm | 32mm | 90mm   | 804g   | 76254637     |
| 643546S   | 1 7/16" | 54mm | 44mm | 32mm | 90mm   | 844g   | 76254643     |
| 643548S   | 1 1/2"  | 56mm | 44mm | 34mm | 90mm   | 871g   | 76254650     |

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CHROME SOCKETS

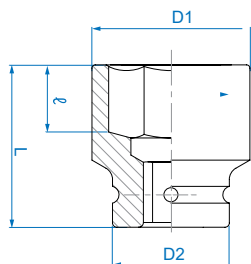
Page 182



# 1" IMPACT SOCKETS

## 1" DRIVE STANDARD IMPACT SOCKETS - METRIC

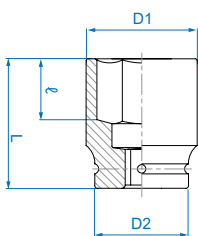
- Chrome molybdenum alloy steel
- Phosphate sunk finishing
- Thin walled design on square driving side
- DIN 3129, ISO 2725-2



| Item Code | Size | D1    | D2   | ℓ    | Length | Weight | Bishops Code |
|-----------|------|-------|------|------|--------|--------|--------------|
| 853519M   | 19mm | 35mm  | 54mm | 15mm | 58mm   | 508g   | 76263019     |
| 853521M   | 21mm | 37mm  | 54mm | 15mm | 58mm   | 537g   | 76263021     |
| 853522M   | 22mm | 38mm  | 54mm | 15mm | 58mm   | 520g   | 76263022     |
| 853524M   | 24mm | 41mm  | 54mm | 17mm | 58mm   | 529g   | 76263024     |
| 853525M   | 25mm | 42mm  | 54mm | 17mm | 58mm   | 562g   | 76263025     |
| 853527M   | 27mm | 44mm  | 54mm | 19mm | 58mm   | 538g   | 76263027     |
| 853528M   | 28mm | 45mm  | 54mm | 19mm | 58mm   | 538g   | 76263028     |
| 853530M   | 30mm | 48mm  | 54mm | 20mm | 60mm   | 592g   | 76263030     |
| 853532M   | 32mm | 51mm  | 54mm | 20mm | 62mm   | 679g   | 76263032     |
| 853533M   | 33mm | 52mm  | 54mm | 20mm | 62mm   | 700g   | 76263033     |
| 853535M   | 35mm | 54mm  | 54mm | 20mm | 62mm   | 779g   | 76263035     |
| 853536M   | 36mm | 56mm  | 54mm | 20mm | 65mm   | 729g   | 76263036     |
| 853538M   | 38mm | 58mm  | 54mm | 22mm | 65mm   | 742g   | 76263038     |
| 853541M   | 41mm | 61mm  | 54mm | 22mm | 70mm   | 846g   | 76263041     |
| 853546M   | 46mm | 68mm  | 54mm | 26mm | 75mm   | 1.07kg | 76263046     |
| 853550M   | 50mm | 73mm  | 54mm | 26mm | 75mm   | 1.10kg | 76263050     |
| 853555M   | 55mm | 79mm  | 54mm | 32mm | 83mm   | 1.43kg | 76263055     |
| 853560M   | 60mm | 86mm  | 54mm | 32mm | 87mm   | 1.75kg | 76263060     |
| 853565M   | 65mm | 92mm  | 54mm | 34mm | 90mm   | 1.75kg | 76263065     |
| 853570M   | 70mm | 97mm  | 54mm | 34mm | 93mm   | 2.11kg | 76263070     |
| 853575M   | 75mm | 104mm | 86mm | 36mm | 95mm   | 3.18kg | 76263075     |
| 853580M   | 80mm | 110mm | 86mm | 43mm | 95mm   | 3.35kg | 76263080     |
| 853585M   | 85mm | 115mm | 86mm | 43mm | 95mm   | 3.25kg | 76263085     |
| 853590M   | 90mm | 122mm | 86mm | 43mm | 100mm  | 3.95kg | 76263090     |

## 1" DRIVE DEEP IMPACT SOCKETS - IMPERIAL

- Chrome molybdenum alloy steel
- Phosphate sunk finishing
- Thin walled design on square driving side
- ANSI/ASME B107.1

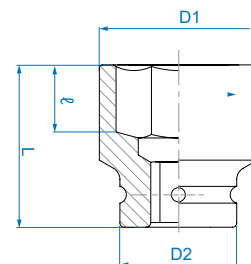


| Item Code | Size     | D1     | D2   | ℓ    | Length | Weight | Bishops Code |
|-----------|----------|--------|------|------|--------|--------|--------------|
| 843536S   | 1 1/8"   | 46.3mm | 54mm | 25mm | 90mm   | 900g   | 76262612     |
| 843540S   | 1 1/4"   | 51mm   | 54mm | 38mm | 90mm   | 970g   | 76262625     |
| 843548S   | 1 1/2"   | 58mm   | 54mm | 32mm | 92mm   | 1.02kg | 76262650     |
| 843550S   | 1 9/16"  | 60mm   | 54mm | 32mm | 92mm   | 1.07kg | 76262656     |
| 843552S   | 1 5/8"   | 61mm   | 54mm | 32mm | 92mm   | 1.08kg | 76262662     |
| 843556S   | 1 3/4"   | 67mm   | 54mm | 32mm | 92mm   | 1.12kg | 76262675     |
| 843558S   | 1 13/16" | 68mm   | 54mm | 35mm | 95mm   | 1.13kg | 76262681     |
| 843560S   | 1 7/8"   | 70mm   | 54mm | 35mm | 95mm   | 1.4kg  | 76262687     |
| 843562S   | 1 5/16"  | 72mm   | 54mm | 35mm | 95mm   | 1.48kg | 76262693     |
| 843564S   | 2"       | 74mm   | 54mm | 35mm | 95mm   | 1.57kg | 76262700     |
| 843568S   | 2 1/8"   | 78mm   | 54mm | 40mm | 100mm  | 1.57kg | 76262712     |
| 843570S   | 2 3/16"  | 79mm   | 54mm | 40mm | 100mm  | 1.86kg | 76262718     |
| 843572S   | 2 1/4"   | 82mm   | 54mm | 42mm | 100mm  | 1.9kg  | 76262725     |



## 1" DRIVE STANDARD IMPACT SOCKETS - IMPERIAL

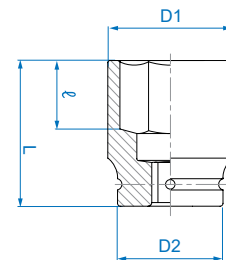
- Chrome molybdenum alloy steel
- Phosphate sunk finishing
- Thin walled design on square driving side
- ANSI/ASME B107.2



| Item Code | Size     | D1    | D2   | ℓ    | Length | Weight | Bishops Code |
|-----------|----------|-------|------|------|--------|--------|--------------|
| 853526S   | 1 1/16"  | 37mm  | 54mm | 15mm | 58mm   | 529g   | 76262081     |
| 853530S   | 1 5/16"  | 41mm  | 54mm | 17mm | 58mm   | 529g   | 76262093     |
| 853532S   | 1"       | 42mm  | 54mm | 17mm | 58mm   | 567g   | 76262100     |
| 853534S   | 1 1/16"  | 44mm  | 54mm | 19mm | 58mm   | 538g   | 76262106     |
| 853536S   | 1 1/8"   | 47mm  | 54mm | 19mm | 58mm   | 600g   | 76262112     |
| 853538S   | 1 3/16"  | 48mm  | 54mm | 20mm | 60mm   | 592g   | 76262118     |
| 853540S   | 1 1/4"   | 51mm  | 54mm | 20mm | 62mm   | 679g   | 76262125     |
| 853542S   | 1 5/16"  | 54mm  | 52mm | 20mm | 62mm   | 700g   | 76262131     |
| 853544S   | 1 3/8"   | 54mm  | 54mm | 20mm | 62mm   | 779g   | 76262137     |
| 853546S   | 1 7/16"  | 56mm  | 54mm | 20mm | 65mm   | 729g   | 76262143     |
| 853548S   | 1 1/2"   | 58mm  | 54mm | 22mm | 65mm   | 742g   | 76262150     |
| 853550S   | 1 9/16"  | 60mm  | 54mm | 22mm | 65mm   | 800g   | 76262156     |
| 643552S   | 1 5/8"   | 61mm  | 54mm | 34mm | 70mm   | 846g   | 76262162     |
| 853554S   | 1 11/16" | 64mm  | 54mm | 22mm | 70mm   | 890g   | 76262168     |
| 853556S   | 1 3/4"   | 67mm  | 54mm | 26mm | 70mm   | 1.0kg  | 76262175     |
| 853558S   | 1 13/16" | 68mm  | 54mm | 26mm | 75mm   | 1.07kg | 76262181     |
| 643560S   | 1 7/8"   | 70mm  | 54mm | 26mm | 75mm   | 1.08kg | 76262187     |
| 853562S   | 1 5/16"  | 72mm  | 54mm | 26mm | 75mm   | 1.14kg | 76262193     |
| 853564S   | 2"       | 74mm  | 54mm | 30mm | 75mm   | 1.23kg | 76262200     |
| 853566S   | 2 1/16"  | 75mm  | 54mm | 30mm | 80mm   | 1.3kg  | 76262206     |
| 853568S   | 2 1/8"   | 78mm  | 54mm | 30mm | 80mm   | 1.4kg  | 76262212     |
| 853570S   | 2 3/16"  | 79mm  | 54mm | 32mm | 83mm   | 1.43kg | 76262218     |
| 853572S   | 2 1/4"   | 82mm  | 54mm | 32mm | 83mm   | 1.5kg  | 76262225     |
| 853574S   | 2 5/16"  | 83mm  | 54mm | 32mm | 83mm   | 1.54kg | 76262231     |
| 853576S   | 2 3/8"   | 86mm  | 54mm | 32mm | 87mm   | 1.75kg | 76262237     |
| 853578S   | 2 7/16"  | 88mm  | 54mm | 34mm | 87mm   | 1.76kg | 76262243     |
| 853580S   | 2 1/2"   | 90mm  | 54mm | 34mm | 87mm   | 1.75kg | 76262250     |
| 853582S   | 2 9/16"  | 92mm  | 54mm | 34mm | 90mm   | 1.75kg | 76262256     |
| 853584S   | 2 5/8"   | 94mm  | 54mm | 34mm | 90mm   | 1.96kg | 76262262     |
| 853588S   | 2 3/4"   | 97mm  | 54mm | 34mm | 93mm   | 2.11kg | 76262275     |
| 853590S   | 2 11/16" | 99mm  | 86mm | 36mm | 93mm   | 2.92kg | 76262281     |
| 853592S   | 2 7/8"   | 102mm | 86mm | 36mm | 93mm   | 3.05kg | 76262287     |
| 853594S   | 2 9/16"  | 104mm | 86mm | 36mm | 95mm   | 3.18kg | 76262293     |
| 853596S   | 3"       | 106mm | 86mm | 36mm | 95mm   | 3.20kg | 76262300     |
| 8535AOS   | 3 1/8"   | 110mm | 86mm | 43mm | 95mm   | 3.35kg | 76262312     |

## 1" DRIVE DEEP IMPACT SOCKETS - METRIC

- Chrome molybdenum alloy steel
- Phosphate sunk finishing
- Thin walled design on square driving side
- DIN 3121

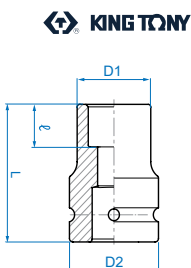


| Item Code | Size | D1   | D2   | ℓ    | Length | Weight | Bishops Code |
|-----------|------|------|------|------|--------|--------|--------------|
| 843532M   | 32mm | 51mm | 54mm | 28mm | 90mm   | 970kg  | 76263432     |
| 843536M   | 36mm | 56mm | 54mm | 32mm | 92mm   | 1.03kg | 76263436     |
| 843541M   | 41mm | 61mm | 54mm | 32mm | 92mm   | 1.08kg | 76263441     |



## 1" DRIVE REAR WHEEL SOCKETS – METRIC

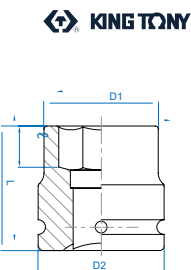
- Chrome molybdenum alloy steel
- Phosphate sunk finishing
- Length: 76mm
- DIN 3121



| Item Code | Size | D1   | D2   | ℓ      | Length | Weight | Bishops Code |
|-----------|------|------|------|--------|--------|--------|--------------|
| 853417M   | 17mm | 38mm | 54mm | 23.5mm | 76mm   | 628g   | 76264320     |
| 853419M   | 19mm | 43mm | 54mm | 23.5mm | 76mm   | 682g   | 76264330     |
| 853421M   | 21mm | 47mm | 54mm | 23.5mm | 76mm   | 733g   | 76264380     |

## 1½" DRIVE STANDARD IMPACT SOCKETS – METRIC

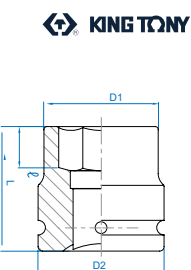
- Chrome molybdenum alloy steel
- Phosphate sunk finishing
- Thin walled design on square driving side
- DIN 3129



| Item Code | Size  | D1    | D2    | ℓ    | Length | Weight  | Bishops Code |
|-----------|-------|-------|-------|------|--------|---------|--------------|
| 953536M   | 36mm  | 62mm  | 86mm  | 26mm | 80mm   | 1.994kg | 76272036     |
| 953538M   | 38mm  | 64mm  | 86mm  | 26mm | 80mm   | 2.001kg | 76272038     |
| 953541M   | 41mm  | 68mm  | 86mm  | 28mm | 80mm   | 2.056kg | 76272041     |
| 953546M   | 46mm  | 73mm  | 86mm  | 30mm | 85mm   | 2.451kg | 76272046     |
| 953550M   | 50mm  | 78mm  | 86mm  | 32mm | 85mm   | 2.246kg | 76272050     |
| 953555M   | 55mm  | 85mm  | 86mm  | 36mm | 93mm   | 2.52kg  | 76272055     |
| 953560M   | 60mm  | 90mm  | 86mm  | 40mm | 95mm   | 2.757kg | 76272060     |
| 953565M   | 65mm  | 96mm  | 86mm  | 42mm | 100mm  | 3.134kg | 76272065     |
| 953570M   | 70mm  | 103mm | 86mm  | 46mm | 103mm  | 3.529kg | 76272070     |
| 953575M   | 75mm  | 108mm | 86mm  | 48mm | 105mm  | 3.713kg | 76272075     |
| 953595M   | 95mm  | 134mm | 127mm | 50mm | 110mm  | 7.224kg | 76272095     |
| 9535A0M   | 100mm | 140mm | 127mm | 53mm | 115mm  | 7.729kg | 76272100     |
| 9535A5M   | 105mm | 146mm | 127mm | 53mm | 115mm  | 7.856kg | 76272105     |
| 9535B0M   | 110mm | 152mm | 127mm | 56mm | 125mm  | 8.845kg | 76272111     |
| 9535B5M   | 115mm | 160mm | 127mm | 60mm | 125mm  | 9.454kg | 76272115     |
| 9535C0M   | 120mm | 166mm | 127mm | 62mm | 130mm  | 9.96kg  | 76272120     |

## 1½" DRIVE STANDARD IMPACT SOCKETS – IMPERIAL

- Chrome molybdenum alloy steel
- Phosphate sunk finishing
- Thin walled design on square driving side
- DIN 3129



| Item Code | Size     | D1    | D2   | ℓ    | Length | Weight  | Bishops Code |
|-----------|----------|-------|------|------|--------|---------|--------------|
| 953566S   | 2 1/16"  | 82mm  | 86mm | 36mm | 85mm   | 2.364kg | 76273206     |
| 953568S   | 2 3/8"   | 84mm  | 86mm | 36mm | 90mm   | 2.508kg | 76273212     |
| 953570S   | 2 3/16"  | 85mm  | 86mm | 43mm | 93mm   | 3.204kg | 76273218     |
| 953572S   | 2 1/4"   | 87mm  | 86mm | 43mm | 93mm   | 5.209kg | 76273225     |
| 953576S   | 2 3/8"   | 90mm  | 86mm | 45mm | 95mm   | 2.622kg | 76273237     |
| 953578S   | 2 1/16"  | 93mm  | 86mm | 44mm | 95mm   | 2.711kg | 76273243     |
| 953580S   | 2 1/2"   | 95mm  | 86mm | 46mm | 97mm   | 2.833kg | 76273250     |
| 953582S   | 2 3/16"  | 96mm  | 86mm | 49mm | 100mm  | 2.863kg | 76273256     |
| 953584S   | 2 5/8"   | 99mm  | 86mm | 48mm | 100mm  | 2.958kg | 76273262     |
| 953586S   | 2 11/16" | 101mm | 86mm | 48mm | 100mm  | 3.055kg | 76273275     |
| 953588S   | 2 3/4"   | 103mm | 86mm | 48mm | 103mm  | 3.217kg | 76273281     |
| 953590S   | 2 9/16"  | 105mm | 86mm | 50mm | 105mm  | 3.306kg | 76273287     |
| 953592S   | 2 7/8"   | 107mm | 86mm | 50mm | 105mm  | 3.60kg  | 76273290     |
| 953594S   | 2 5/16"  | 108mm | 86mm | 50mm | 105mm  | 3.455kg | 76273295     |
| 953596S   | 3"       | 111mm | 86mm | 50mm | 105mm  | 3.59kg  | 76273300     |

## IMPACT UNIVERSAL JOINTS

- Chrome molybdenum alloy steel
- Phosphate sunk finishing
- DIN 3121



| Item Code | Description        | Length | Weight  | Bishops Code |
|-----------|--------------------|--------|---------|--------------|
| 4797      | ½" Drive           | 65mm   | 0.172kg | 76250580     |
| 6797      | ¾" Drive           | 114mm  | 0.742kg | 76260520     |
| 6798P     | ¾" Drive with Ball | 108mm  | 0.736kg | 76260525     |
| 8797P     | 1" Drive with Ball | 125mm  | 1.53kg  | 76266580     |

## IMPACT ADAPTORS

- Chrome molybdenum alloy steel
- Phosphate sunk finishing
- DIN 3121



| Item Code | Size         | Weight | Bishops Code |
|-----------|--------------|--------|--------------|
| 4866      | ½" F x ¾" M  | 174g   | 76250510     |
| 6864      | ¾" F x ½" M  | 313g   | 76250520     |
| 6868      | ¾" F x 1" M  | 413g   | 76260540     |
| 8866      | 1" F x ¾" M  | 562g   | 76266520     |
| 8869P     | 1" F x 1½" M | 963g   | 76266540     |

## IMPACT EXTENSION BARS

- Chrome molybdenum alloy steel
- Phosphate sunk finishing
- Extension bar with ball
- DIN 3121



4260-03

| Item Code | Size     | Length | Weight  | Bishops Code |
|-----------|----------|--------|---------|--------------|
| 4260-03   | ½" Drive | 75mm   | 0.197kg | 76250320     |
| 4260-05   | ½" Drive | 125mm  | 0.277kg | 76250350     |
| 4260-10   | ½" Drive | 250mm  | 0.452kg | 76250360     |
| 6260-07   | ¾" Drive | 175mm  | 0.867kg | 76260320     |
| 6260-10   | ¾" Drive | 250mm  | 1.155kg | 76260330     |
| 6260-13   | ¾" Drive | 330mm  | 1.423kg | 76260340     |
| 8260-07   | 1" Drive | 175mm  | 1.393kg | 76266320     |
| 8260-10   | 1" Drive | 250mm  | 1.891kg | 76266340     |
| 8260-13   | 1" Drive | 330mm  | 2.455kg | 76266360     |

## 10 PIECE ½" DRIVE IMPACT TORQUE EXTENSION SET

- Colour coded and engraved with Nm and ft.lb setting
- Helps to eliminate overtorqued lug nut
- Comes with handy wall mountable storage rack
- Max. torque ranges: 90–200Nm (65–150ft.lb)
- Overall length: 195mm



| Item Code | Bishops Code |
|-----------|--------------|
| 4481PP1   | 76252330     |





# SOCKET TOOL KITS

HAND & CUTTING TOOLS

## 54 PIECE METRIC SOCKET & TOOL KIT KING TONY

- High density polyethylene case
- Case dimensions: 340(l) x 263(w) x 80(h)mm
- Weight: 3.85kg

**Includes:**

- 14 x 3/8" Drive 12 point standard sockets – 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19 & 22mm
- 5 x 3/8" Drive 6 point deep sockets – 8, 10, 12, 13 & 14mm
- 2 x 3/8" Drive rubber spark plug sockets 16 & 21 point
- 2 x 3/8" Drive extension bars – 3" & 6"
- 7 x 3/16" Torx head bits – T10, T15, T20, T25, T30, T40, T45 & T50
- 7 x Combination spanners – 8, 10, 12, 13, 14, 17 & 19mm
- 7 x Ball hex keys – H1.5, H2, H2.5, H3, H4, H5 & H6mm
- 1 x Phillips screwdriver – PH2 x 100mm
- 1 x Slotted screwdriver – 5.5 x 100mm
- 1 x European style combination pliers
- 1 x 3/8" Drive 32 teeth reversible ratchet quick-release
- 1 x Bit holder
- 1 x Universal joint



| Item Code | Bishops Code |
|-----------|--------------|
| 3054MR    | 61074280     |

## 77 PIECE 1/4" & 1/2" DRIVE COMBINATION SOCKET SET KING TONY

- Case size: 475(l) x 360(w) x 90(h)mm
- Weight: 7.9kg

**Includes:**

- 5 x 1/4" Hex bits (hexagon head) – H3, H4, H5 & H6
- 3 x 1/4" Hex bits (Phillips head) – PH1, PH2 & PH3
- 4 x 1/4" Hex bits (slotted head) – 3, 4, 5 & 6mm
- 7 x 1/4" Hex bits (Torx head) – T10, T15, T20, T25, T27, T30 & T40
- 8 x Combination wrenches – 8, 10, 12, 13, 14, 15, 17 & 19mm
- 3 x Standard arm hex keys – 1.5, 2 & 2.5mm
- 3 x Phillips screwdrivers – PH1 x 80mm, PH2 x 100mm & PH3 x 150mm
- 2 x Slotted screwdrivers – 4 x 100mm & 6.5 x 100mm
- 4 x 1/4" Drive 12 point deep sockets – 8, 10, 12 & 13mm
- 9 x 1/4" Drive 12 point standard sockets – 4, 5, 6, 7, 8, 9, 10, 11 & 12mm
- 13 x 1/2" Drive 12 point standard sockets – 12, 13, 14, 15, 17, 18, 19, 21, 22, 24, 27, 30 & 32mm
- 1 x 1/4" Drive bit holder – 25mm
- 1 x 1/4" Drive driving handle – 150mm
- 1 x 1/4" Drive extension bar – 75mm
- 1 x 1/4" Drive flexible extension bar – 150mm
- 1 x 1/4" Drive sliding t-handle – 115mm
- 1 x 1/4" Drive 24 teeth reversible ratchet – 134mm
- 1 x 1/4" Drive universal joint
- 1 x 3/8"-1/2" Adaptor
- 2 x 1/2" Drive extension bar – 125 & 250mm
- 2 x 1/2" Drive 6 point spark plug sockets – 3/8" & 13/16"
- 1 x 1/2" Drive 32 teeth reversible ratchet – 262mm
- 1 x 1/2" Drive universal joint
- 1 x Combination pliers – 180mm
- 1 x Groove joint pliers – 253mm
- 1 x German-style hammer



| Item Code | Bishops Code |
|-----------|--------------|
| 7077MR    | 61074300     |

## 81 PIECE 1/4" & 1/2" DRIVE SOCKET & TOOL SET KING TONY

- 5 x 1/4" Hex Head Sockets – H3, H4, H5, H6 & H7
- 4 x 1/4" Torx Head Bits – T20, T25, T30 & T40
- 10 x Combinations Wrenches – 6, 7, 8, 10, 12, 13, 14, 15, 17 & 19
- 9 x Extra Long Arm Ball Hex Keys – H1.5, H2, H2.5, H3, H4, H5, H6, H8 & H10
- 7 x Star L-Wrenches – T10H, T15H, T20H, T25H, T27H, T30H & T40H
- 2 x Phillips Screwdrivers – PH1 x 80 & PH2 x 100
- 3 x Slotted Screwdrivers – 4 x 100mm, 5.5 x 125mm & 6.5 x 150mm
- 12 x 1/4" Drive 12pt Sockets – 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12 & 13mm
- 10 x 1/2" Drive 6pt Sockets – 10, 11, 12, 13, 14, 15, 17, 19, 22 & 24mm
- 1 x 1/4" Drive extension bar
- 1 x 1/4" Drive 72 teeth mini bit holder ratchet
- 1 x 1/4" Drive universal joint
- 1 x 1/2" Drive extension bar – 125mm
- 2 x 1/2" Drive 12pt rubber spark plug sockets – 16 & 20.8mm
- 1 x 1/2" Drive 32 teeth quick-release reversible ratchet
- 1 x 1/2" Drive universal joint
- 1 x Combination pliers – 164mm
- 1 x Long nose pliers – 160mm
- 1 x Groove joint pliers – 253mm
- 1 x 1/4" Magnetic bit holder – 60mm
- 1 x Centre punch – 4mm
- 1 x Flat chisel – 15mm
- 1 x Pin punch – 4mm
- 1 x German style hammer
- 1 x 3W SMD LED pen light
- 1 x 6-24V Circuit tester



| Item Code | Bishops Code |
|-----------|--------------|
| P7081MR   | 61074304     |

## 83 PIECE 1/4", 5/16" & 1/2" DRIVE COMBINATION SOCKET SET KING TONY

- Case size: 410(l) x 280(w) x 60(h)mm
- Weight: 4.96kg

**Includes:**

- 4 x 5/16" Hex size shank drivers (hexagon head) – H8, H10, H12 & H14
- 2 x 5/16" Hex size shank drivers (Phillips head) – PH3 & PH4
- 3 x 5/16" Hex size shank drivers (slotted head) – 8 x 1.2mm, 10 x 1.6mm & 12 x 2mm
- 4 x 5/16" Hex size shank drivers (for Torx) – T40, T45, T50 & T55
- 2 x 5/16" Hex size shank drivers (Pozidriv head) – PZ3 & PZ4
- 3 x 1/4" Drive slotted bit sockets – 4, 5.5 & 6.5mm
- 7 x 1/4" Drive Torx bit sockets – T8, T10, T15, T20, T25, T27 & T30
- 4 x 1/4" Drive hex bit sockets – H3, H4, H5 & H6
- 2 x 1/4" Drive Pozidriv bit sockets – PZ1 & PZ2
- 8 x Combination wrenches – 8, 10, 12, 13, 14, 15, 17 & 19mm
- 13 x 1/4" Drive 6 point metric standard sockets – 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 & 14mm
- 12 x 1/2" Drive 6 point metric standard sockets – 14, 15, 16, 17, 18, 19, 20, 22, 24, 27, 30 & 32mm
- 1 x 1/4" Drive driving handle
- 1 x 1/4" Drive flexible extension bar
- 2 x 1/4" Drive extension bars – 55 & 100mm
- 1 x 1/4" Drive 24 teeth reversible ratchet
- 1 x 1/4" Drive universal joint
- 1 x 1/4" Drive socket adaptor – 25mm
- 1 x 1/2" Drive bit holder
- 1 x 1/2" Drive extension bar
- 2 x 1/2" Drive 6 point spark plug socket – 16 & 21mm
- 1 x 1/2" Drive 32 teeth reversible ratchet
- 1 x 1/2" Drive universal joint
- 1 x 3W LED pen light



| Item Code | Bishops Code |
|-----------|--------------|
| 7582MR    | 61074290     |



### 87 PIECE 1/4" & 1/2" DRIVE COMBINATION SOCKET SET



- Case size: 475(l) x 360(w) x 90(h)mm
- Weight: 9.2kg
- Includes:**
- 10 x Combination wrenches – 8, 10, 12, 13, 14, 15, 17, 18, 19 & 22mm
- 7 x Ball hex keys (long arm) – 2.5, 3, 4, 5, 6, 8 & 10mm
- 7 x Star L-wrenches (standard type) – T10, T15, T20, T25, T27, T30 & T40
- 2 x Phillips screwdrivers – PH1 x 80mm & PH2 x 100mm
- 2 x Slotted screwdrivers – 4 x 100mm & 5.5 x 100mm
- 6 x 10mm Hex size shank drivers (hexagon head) – H5, H6, H7, H8, H10 & H12
- 4 x 10mm Hex size shank drivers (spline head) – 6, 8, 10 & 12mm
- 6 x 10mm Hex size shank drivers (for Torx head) – T30, T40, T45, T50, T55 & T60
- 1 x Wheel nut wrench
- 5 x 1/4" Drive 12 point deep sockets – 7, 8, 10, 12 & 13mm
- 9 x 1/4" Drive 12 point standard sockets – 5, 5.5, 6, 7, 8, 10, 11, 12 & 13mm
- 14 x 1/2" Drive 12 point metric standard sockets – 10, 12, 13, 14, 15, 17, 18, 19, 21, 22, 24, 27, 30 & 32mm
- 1 x 1/4" Drive flexible extension bar
- 1 x 1/4" Drive sliding t-handle – 115mm
- 1 x 1/4" Drive 24 teeth reversible ratchet
- 1 x 1/4" Drive universal joint
- 1 x 1/2" Drive bit holder
- 1 x 1/2" Drive flexible handle
- 2 x 1/2" Drive 12 point spark plug socket – 5/8" & 13/16"
- 1 x 1/2" Drive 32 teeth reversible ratchet
- 1 x 1/2" Drive universal joint
- 1 x Combination pliers
- 1 x Heavy duty diagonal cutting nippers
- 1 x Groove joint pliers



| Item Code | Bishops Code |
|-----------|--------------|
| 7087MR    | 61074305     |

### 15 PIECE 1/4" BIT & MINI SOCKET SET



- 5° gear action degree (72 teeth)
- Two teeth pawl action
- Includes:**
- 1 x Ratchet – 111mm
- 4 x Hex head bits – 3, 4, 5 & 6mm
- 2 x Phillips head bits – 1 & 2mm
- 3 x Torx – 10, 15 & 20mm
- 4 x Standard sockets 5, 5.5, 6, 7 & 8mm



| Item Code | Bishops Code |
|-----------|--------------|
| 2515MR    | 61036315     |

## NAVIGATING SOCKET & RATCHET SETS

Follow this simple guide to find the socket set to suit you best.

All of these socket wrench sets include metric and imperial sockets, unless otherwise specified in the product title.

We've ordered all sets by drive size first, then by number of pieces included in the set.

Remember, this catalogue contains the little things, but not everything. If you can't find what you're looking for or if you need a special combination, just give Bishops a call and we can source it for you.



### 18 PIECE 1/4" DRIVE 6 POINT SOCKET WRENCH SET – METRIC



- Metal case size: 198(l) x 105(w) x 32(h)mm
- Weight: 0.92kg
- Includes:**
- 2 x 1/4" Drive extension bars – 2" & 4"
- 2 x 1/4" Drive metric double square sockets – 8 & 10mm
- 10 x 1/4" Drive 6 point metric standard sockets – 4, 4.5, 5, 6, 7, 8, 9, 10, 11 & 12mm
- 1 x 1/4" Drive flexible handle
- 1 x 1/4" Drive sliding T-handle
- 1 x 1/4" Drive 24 teeth reversible ratchet
- 1 x 1/4" Drive universal joint



| Item Code | Bishops Code |
|-----------|--------------|
| 2519MR    | 61036320     |

### 18 PIECE 1/4" DRIVE 6 POINT SOCKET WRENCH SET – IMPERIAL



- Metal case size: 198(l) x 105(w) x 32(h)mm
- Weight: 0.92kg
- Includes:**
- 2 x 1/4" Drive extension bars – 2" & 4"
- 2 x 1/4" Drive imperial double square sockets – 5/16" & 3/8"
- 10 x 1/4" Drive 6 point imperial standard sockets – 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16" & 1/2"
- 1 x 1/4" Drive flexible handle
- 1 x 1/4" Drive sliding T-handle
- 1 x 1/4" Drive 24 teeth reversible ratchet
- 1 x 1/4" Drive universal joint



| Item Code | Bishops Code |
|-----------|--------------|
| 2519SR    | 61036120     |



# 1/4" & 3/8" SOCKET & RATCHET SETS

HAND & CUTTING TOOLS

## 26 PIECE 1/4" DRIVE 6 POINT SOCKET WRENCH SET – METRIC



- Metal case size: 244(l) x 118(w) x 37(h)mm
- Weight: 1.3kg

### Includes:

- 2 x 1/4" Drive extension bars – 2" & 4"
- 10 x 1/4" Drive 6 point metric deep sockets – 4, 4.5, 5, 6, 7, 8, 9, 10, 11 & 13mm
- 11 x 1/4" Drive 6 point metric standard sockets – 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11 & 13mm
- 1 x 1/4" Drive 24 teeth reversible ratchet
- 1 x 1/4" Drive universal joint
- 1 x 1/4" Drive adaptor – 1/4" F x 3/8" M



| Item Code | Bishops Code |
|-----------|--------------|
| 2526MR    | 61036340     |

## 31 PIECE 1/4" DRIVE SOCKET WRENCH SET – METRIC



- Metal case size: 280(l) x 130 (w)x 41(h)mm
- Weight: 1.6kg

### Includes:

- 8 x 1/4" Drive Torx bit sockets – T8, T9, T10, T15, T20, T25, T27 & T30
- 6 x 1/4" Drive hexagon bit sockets – 3, 4, 5, 6, 8 & 10mm
- 2 x 1/4" Drive extension bars – 3" & 6"
- 11 x 1/4" Drive 6 point metric standard sockets – 4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12 & 13mm
- 1 x 1/4" Drive driving handle (polycarbonates) – 150mm(6")
- 1 x 1/4" Drive sliding T-handle – 115mm(4 1/2")
- 1 x 1/4" Drive 24 teeth reversible ratchet – 130mm(5 1/8")
- 1 x 1/4" Drive universal joint – 36mm(1 1/2")



| Item Code | Bishops Code |
|-----------|--------------|
| 2531MR    | 61036350     |

## 26 PIECE 1/4" DRIVE 6 POINT SOCKET WRENCH SET – IMPERIAL



- Metal case size: 244(l) x 118(w) x 37(h)mm
- Weight: 1.3kg

### Includes:

- 2 x 1/4" Drive extension bars – 2" & 4"
- 10 x 1/4" Drive 6 point imperial deep sockets – 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16" & 1/2"
- 11 x 1/4" Drive 6 point imperial standard sockets – 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 15/32" & 1/2"
- 1 x 1/4" Drive 24 teeth reversible ratchet
- 1 x 1/4" Drive universal joint
- 1 x 1/4" Drive adaptor – 1/4" F x 3/8" M



| Item Code | Bishops Code |
|-----------|--------------|
| 2526SR    | 61036140     |

## 39 PIECE 1/4" DRIVE SOCKET WRENCH SET – METRIC



- Metal case size: 316(l) x 104(w) x 40(h)mm
- Weight: 1.36kg

### Includes:

- 6 x 1/4" Hex size shank drivers (hexagon head) – 3, 4, 5, 6, 7 & 8mm
- 4 x 1/4" Hex size shank drivers (Phillips head) – PH0, PH1, PH2 & PH3
- 3 x 1/4" Hex size shank drivers (slotted head) – 4, 5.5 & 7mm
- 6 x 1/4" Hex size shank drivers (for Torx internal) – T10, T15, T20, T25, T30 & T40
- 2 x 1/4" Drive extension bars – 2" & 6"
- 12 x 1/4" Drive 6 point metric standard sockets – 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12 & 13mm
- 1 x 1/4" Drive flexible handle – 130mm(5")
- 1 x 1/4" drive sliding T-handle – 115mm(4 1/2")
- 1 x 1/4" Drive bit holder
- 1 x 1/4" Drive 24 teeth reversible ratchet – 130mm(5 1/8")
- 1 x 1/4" Drive magnetic screwdriver driver
- 1 x 1/4" Drive universal joint – 36mm(1 1/2")



| Item Code | Bishops Code |
|-----------|--------------|
| 2540MR    | 61036360     |

## 30 PIECE 1/4" DRIVE 6 POINT SOCKET WRENCH SET – METRIC & IMPERIAL



- Metal case size: 244(l) x 118(w) x 37(h)mm
- Weight: 1.3kg

### Includes:

- 2 x 1/4" Drive extension bars – 2" & 4"
- 2 x 1/4" Drive metric double square sockets – 8 & 10mm
- 2 x 1/4" Drive imperial double square sockets – 5/16" & 3/8"
- 10 x 1/4" Drive 6 point metric standard sockets – 4, 4.5, 5, 6, 7, 8, 9, 10, 11 & 12mm
- 10 x 1/4" Drive 6 point imperial standard sockets – 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16" & 1/2"
- 1 x 1/4" Drive flexible handle
- 1 x 1/4" Drive sliding T-handle
- 1 x 1/4" Drive 24 teeth reversible ratchet
- 1 x 1/4" Drive universal joint



| Item Code | Bishops Code |
|-----------|--------------|
| 2530CR    | 61036560     |

## 14 PIECE 3/8" SOCKET SET

- Chrome-vanadium steel
- Multi-fit
- Gearless direct drive ratchet to allow work in narrow areas with 0° direct movement

### Includes:

- 3/8" Drive x 1/4" drive adaptor
- 5 x 3/8" Drive sockets – 1/2", 9/16", 5/8", 11/16" & 3/4"
- 7 x 1/4" Drive sockets – 7/32", 3/16", 1/4", 9/32", 5/16", 3/8" & 7/16"



| Item Code | Bishops Code |
|-----------|--------------|
| W003015   | 63521138     |

**20 PIECE 3/8" DRIVE 12 POINT SOCKET WRENCH SET – METRIC**



- Metal case size: 372(l) x 153(w) x 40(h)mm
- Weight: 1kg
- Includes:**
- 2 x 3/8" Drive extension bars – 3" & 6"
- 13 x 3/8" Drive 12 point metric standard sockets – 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 21 & 22mm
- 1 x 3/8" Drive flexible handle
- 1 x 3/8" Drive sliding T-handle
- 1 x 3/8" Drive 12 point rubber spark plug socket
- 1 x 3/8" Drive 32 teeth reversible ratchet
- 1 x 3/8" Drive universal joint



| Item Code | Bishops Code |
|-----------|--------------|
| 3020MR02  | 61044340     |

**26 PIECE 3/8" DRIVE SOCKET WRENCH SET – IMPERIAL**



- Metal case size: 318(l) x 147(w) x 46(h)mm
- Weight: 2.6kg
- Includes:**
- 1 x 3/8" Drive extension bar – 3"
- 9 x 3/8" Drive 6 point imperial deep sockets – 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" & 13/16"
- 13 x 3/8" Drive 12 point imperial standard sockets – 1/4", 5/16", 11/32", 3/8", 7/16", 15/32", 1/2", 9/16", 19/32", 5/8", 11/16", 3/4" & 13/16"
- 1 x 3/8" Drive 32 teeth reversible ratchet
- 1 x 3/8" Drive universal joint
- 1 x 3/8" Drive adaptor – 3/8" F x 1/4" M



| Item Code | Bishops Code |
|-----------|--------------|
| 3027SR    | 61044160     |

**22 PIECE 3/8" DRIVE 12 POINT SOCKET WRENCH SET – METRIC**



- Metal case size: 372(l) x 153(w) x 40(h)mm
- Weight: 2.8kg
- Includes:**
- 2 x 3/8" Drive extension bars – 3" & 6"
- 16 x 3/8" Drive 12 point metric standard sockets – 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21 & 22mm
- 1 x 3/8" Drive flexible handle
- 1 x 3/8" Drive sliding T-handle
- 1 x 3/8" Drive 32 teeth reversible ratchet
- 1 x 3/8" Drive universal joint



| Item Code | Bishops Code |
|-----------|--------------|
| 3023MR    | 61044350     |

**32 PIECE 3/8" DRIVE SOCKET SET – METRIC & IMPERIAL**

- Chrome-vanadium steel
- Metric/Imperial
- Includes:**
- 21 x 3/8" Sockets
- 2 x 3/8" Spark plug sockets
- 1 x Extension bar
- 1 x Ratchet handle



| Item Code | Bishops Code |
|-----------|--------------|
| W003001   | 63521130     |

**26 PIECE 3/8" DRIVE SOCKET WRENCH SET – METRIC**



- Metal case size: 318(l) x 147(w) x 46(h)mm
- Weight: 2.6kg
- Includes:**
- 1 x 3/8" Drive extension bar – 3"
- 9 x 3/8" Drive 6 point metric deep sockets – 8, 10, 11, 12, 13, 14, 16, 17 & 19mm
- 13 x 3/8" Drive 12 point metric standard sockets – 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 & 19mm
- 1 x 3/8" Drive 32 teeth reversible ratchet
- 1 x 3/8" Drive universal joint
- 1 x 3/8" Drive adaptor – 3/8" F x 1/4" M



| Item Code | Bishops Code |
|-----------|--------------|
| 3027MR    | 61044360     |

**36 PIECE 3/8" DRIVE SOCKET WRENCH SET – METRIC & IMPERIAL**



- Metal case size: 372(l) x 153(w) x 40(h)mm
- Weight: 3.27kg
- Includes:**
- 2 x 3/8" Drive extension bars – 3" & 6"
- 16 x 3/8" Drive 12 point metric standard sockets – 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21 & 22mm
- 14 x 3/8" Drive 12 point imperial standard sockets – 1/4", 5/16", 11/32", 3/8", 7/16", 15/32", 1/2", 9/16", 19/32", 5/8", 11/16", 3/4", 13/16" & 7/8"
- 1 x 3/8" Drive flexible handle
- 1 x 3/8" Drive sliding T-handle
- 1 x 3/8" Drive 32 teeth reversible ratchet
- 1 x 3/8" Drive universal joint



| Item Code | Bishops Code |
|-----------|--------------|
| 3036CR    | 61044560     |





## 1/2" SOCKET & RATCHET SETS

### 12 PIECE 1/2" DRIVE SOCKET SET – METRIC

- Chrome-vanadium steel

#### Includes:

- 10 x 1/2" Metric sockets – 10, 11, 12, 13, 14, 15, 17, 19, 21 & 22mm
- 1 x 1/2" Drive extension bar – 5"
- 1 x 1/2" Drive ratchet handle



Item Code

W003024

Bishops Code

63521135

### 14 PIECE 1/2" DRIVE 12 POINT SOCKET WRENCH SET – IMPERIAL

- Metal case size: 445(l) x 135(w) x 50(h)mm
- Weight: 3.5kg

#### Includes:

- 10 x 1/2" Drive 12 point imperial standard sockets – 3/8", 7/16", 15/32", 1/2", 9/16", 11/16", 3/4", 13/16", 7/8" & 15/16"
- 1 x 1/2" Drive extension bar
- 1 x 1/2" Drive sliding T-handle
- 1 x 1/2" Drive 12 point spark plug socket
- 1 x 1/2" Drive 32 teeth reversible ratchet



Item Code

4012SR

Bishops Code

61052140

### 15 PIECE 1/2" DRIVE 6 POINT SOCKET WRENCH SET – METRIC

- Metal case size: 392(l) x 90(w) x 50(h)mm
- Weight: 3.4kg

#### Includes:

- 12 x 1/2" Drive 6 point metric standard sockets – 8, 10, 11, 12, 13, 14, 17, 19, 21, 22, 24 & 27mm
- 1 x 1/2" Drive extension bar
- 1 x 1/2" Drive flexible handle
- 1 x 1/2" Drive 32 teeth reversible ratchet



Item Code

4501MR

Bishops Code

61052350

### 24 PIECE 1/2" DRIVE 12 POINT SOCKET WRENCH SET – METRIC

- Metal case size: 445(l) x 187(w) x 50(h)mm
- Weight: 5.6kg

#### Includes:

- 2 x 1/2" Drive extension bars – 5" & 10"
- 18 x 1/2" Drive 12 point metric standard sockets – 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30 & 32mm
- 1 x 1/2" Drive flexible handle
- 1 x 1/2" Drive 12 point spark plug socket
- 1 x 1/2" Drive 32 teeth reversible ratchet
- 1 x 1/2" Drive universal joint



Item Code

4032MR

Bishops Code

61052380

### 24 PIECE 1/2" DRIVE 12 POINT SOCKET WRENCH SET – IMPERIAL

- Metal case size: 445(l) x 187(w) x 50(h)mm

- Weight: 5.6kg

#### Includes:

- 2 x 1/2" Drive extension bars – 5" & 10"
- 18 x 1/2" Drive 12 point imperial standard sockets – 5/16", 3/8", 7/16", 15/32", 1/2", 9/16", 19/32", 5/8", 11/16", 3/4", 25/32", 13/16", 7/8", 15/16", 1", 1 1/16", 1 1/8" & 1 1/4"
- 1 x 1/2" Drive flexible handle
- 1 x 1/2" Drive 12 point spark plug socket
- 1 x 1/2" Drive 32 teeth reversible ratchet
- 1 x 1/2" Drive universal joint



Item Code

4032SR

Bishops Code

61052180

### 30 PIECE 1/2" DRIVE 12 POINT SOCKET WRENCH SET – IMPERIAL & METRIC

- 12 point, standard height
- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining groove
- Total set weight: 5.3kg

#### Includes:

- 15 x Metric Sockets – 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 30 & 32mm
- 10 x A/F Sockets – 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16" & 1"
- 1 x 1/2" Drive extension bar – 125mm
- 1 x 1/2" Drive flexible handle – 375mm
- 1 x 1/2" Drive 32 teeth reversible ratchet – 250mm
- 1 x 1/2" Drive universal joint – 77.5mm/3"
- 1 x 1/2" Drive adaptor – 1/2" F x 3/8" M



Item Code

4030CR

Bishops Code

61052375

### 33 PIECE 1/2" DRIVE 12 POINT SOCKET WRENCH SET – METRIC

- Metal case size: 476(l) x 282(w) x 57(h)mm

- Weight: 8.2kg

#### Includes:

- 3 x 1/2" Drive extension bars – 3", 5" & 10"
- 24 x 1/2" Drive 12 point metric standard sockets – 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 & 32mm
- 1 x 1/2" Drive flexible handle
- 1 x 1/2" Drive sliding T-handle
- 2 x 1/2" Drive 6 point spark plug socket
- 1 x 1/2" Drive 32 teeth reversible ratchet
- 1 x 1/2" Drive universal joint



Item Code

4034MR

Bishops Code

61052400



### 43 PIECE 1/2" DRIVE 12 POINT SOCKET SET – METRIC & IMPERIAL



- Metal case size: 476(l) x 282(w) x 57(h)mm
- Weight: 8.5kg

**Includes:**

- 23 x 1/2" Drive 12 point metric standard sockets – 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30 & 32mm
- 14 x 1/2" Drive 12 point imperial standard sockets – 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/8", 1 1/4" & 1 1/2"
- 1 x 1/2" Drive adjustable handle
- 1 x 1/2" Drive offset extension bar
- 1 x 1/2" Drive sliding T-handle
- 1 x 1/2" Drive 105° L-handle
- 1 x 1/2" Drive 32 teeth reversible ratchet
- 1 x 1/2" Drive universal joint



| Item Code | Bishops Code |
|-----------|--------------|
| 4044CR    | 61052560     |

### 16 PIECE 3/4" DRIVE SOCKET WRENCH SET – METRIC



- Metal case size: 537(l) x 177(w) x 78(h)mm
- Weight: 14kg

**Includes:**

- 2 x 3/4" Drive extension bars – 8" & 16"
- 12 x 3/4" Drive 12 point metric standard sockets – 21, 22, 23, 24, 27, 30, 32, 36, 38, 41, 46 & 50mm
- 1 x 3/4" Drive sliding T-handle
- 1 x 3/4" Drive 24 teeth reversible ratchet



| Item Code | Bishops Code |
|-----------|--------------|
| 6016MR    | 61060320     |

### 23 PIECE 3/4" DRIVE SOCKET WRENCH SET – METRIC



- Metal case size: 537(l) x 177(w) x 78(h)mm
- Weight: 17.1kg

**Includes:**

- 3 x 3/4" Drive extension bars – 4", 8" & 16"
- 17 x 3/4" Drive 12 point metric standard sockets – 21, 22, 23, 24, 26, 27, 28, 29, 30, 32, 34, 35, 36, 38, 41, 46 & 50mm
- 1 x 3/4" Drive sliding T-handle
- 1 x 3/4" Drive 24 teeth reversible ratchet
- 1 x 3/4" Drive universal joint



| Item Code | Bishops Code |
|-----------|--------------|
| 6023MR    | 61060340     |

### 23 PIECE 3/4" DRIVE SOCKET WRENCH SET – IMPERIAL



- Metal case size: 537(l) x 177(w) x 78(h)mm
- Weight: 17.1kg

**Includes:**

- 3 x 3/4" Drive extension bars – 4", 8" & 16"
- 17 x 3/4" Drive 12 point imperial standard sockets – 7/8", 15/16", 1", 1 1/16", 1 1/8", 1 1/4", 1 1/2", 1 3/8", 1 1/2", 1 5/8", 1 3/4", 1 7/8", 1 9/8", 1 7/8" & 2"
- 1 x 3/4" Drive sliding T-handle
- 1 x 3/4" Drive 24 teeth reversible ratchet
- 1 x 3/4" Drive universal joint



| Item Code | Bishops Code |
|-----------|--------------|
| 6023SR    | 61060140     |

### 24 PIECE 3/4" DRIVE SOCKET WRENCH SET – METRIC & IMPERIAL



- Metal case size: 537(l) x 177(w) x 78(h)mm
- Weight: 15.5kg

**Includes:**

- 2 x 3/4" Drive extension bars
- 10 x 3/4" Drive 12 point metric standard sockets – 22, 24, 27, 30, 32, 36, 38, 41, 46 & 50mm
- 10 x 3/4" Drive 12 point imperial standard sockets – 1", 1 1/8", 1 1/4", 1 1/2", 1 3/8", 1 1/2", 1 5/8", 1 3/4" & 2"
- 1 x 3/4" Drive sliding T-handle
- 1 x 3/4" Drive 24 teeth reversible ratchet



| Item Code | Bishops Code |
|-----------|--------------|
| 6224CR    | 61060520     |

### 14 PIECE 1" DRIVE SOCKET WRENCH SET – METRIC



- Metal case size: 660(l) x 205(w) x 108(h)mm
- Weight: 34.1kg

**Includes:**

- 2 x 1" Drive extension bars – 8" & 16"
- 10 x 1" Drive 12 point metric standard sockets – 36, 41, 46, 50, 55, 60, 65, 70, 75 & 80mm
- 1 x 1" Drive sliding T-handle
- 1 x 1" Drive 24 teeth reversible ratchet



| Item Code | Bishops Code |
|-----------|--------------|
| 8015MR    | 61068140     |

### 14 PIECE 1" DRIVE SOCKET WRENCH SET – IMPERIAL



- Metal case size: 660(l) x 205(w) x 108(h)mm
- Weight: 34.1kg

**Includes:**

- 2 x 1" Drive extension bars – 8" & 16"
- 10 x 1" Drive 12 part imperial standard sockets – 1 1/16", 1 1/8", 1 1/4", 1 1/2", 1 3/8", 1 1/2", 1 5/8", 1 3/4", 1 7/8", 2", 2 1/4", 2 3/8", 2 1/2", 2 5/8" & 3"
- 1 x 1" Drive sliding T-handle
- 1 x 1" Drive 24 teeth reversible ratchet



| Item Code | Bishops Code |
|-----------|--------------|
| 8015SR    | 61068120     |



# COMBINATION SOCKET & RATCHET SETS

HAND & CUTTING TOOLS

## 39 PIECE 1/4" & 3/8" DRIVE COMBINATION SOCKET SET METRIC & IMPERIAL



- Metal case size: 318(l) x 147(w) x 46(h)mm
- Weight: 2.6kg

### Includes:

- 9 x 1/4" Drive 6 point metric standard sockets – 4.5, 5, 6, 7, 8, 9, 10, 11 & 12mm
- 9 x 1/4" Drive 6 point imperial standard sockets – 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16" & 1/2"
- 1 x 3/8" Drive extension bars – 3"
- 9 x 3/8" Drive 12 point metric standard sockets – 9, 10, 11, 12, 13, 14, 16, 17 & 19mm
- 7 x 3/8" Drive 12 point imperial standard sockets – 3/8", 7/16", 1/2", 9/16", 5/8", 11/16" & 3/4"
- 1 x 1/4" Drive driving handle
- 1 x 3/8" Drive 12 point rubber spark plug socket
- 1 x 3/8" Drive 32 teeth reversible ratchet
- 1 x 3/8" Drive adaptor – 3/8" F x 1/4" M



| Item Code | Bishops Code |
|-----------|--------------|
| 5039CR    | 61028520     |

## 91 PIECE 1/4" & 3/8" DRIVE COMBINATION SOCKET SET



- Metal case size: 445 x 187 x 50mm
- Weight: 4.4kg

### Includes:

- 3 x Male hand keys – 1.5, 2 & 2.5mm
- 4 x 1/4" Drive Phillips bit sockets – PH1, PH2, PH3 & PH4
- 6 x Ball hex keys (extra long arm) – 3, 4, 5, 6, 8 & 10mm
- 6 x Hex sockets – 1/8", 3/16", 7/32", 1/4", 5/16" & 3/8"
- 2 x 1/4" Drive extension bars – 55 & 100mm
- 12 x 1/4" Drive 6 point metric deep sockets – 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12 & 13mm
- 10 x 1/4" drive 6 point SAE deep sockets – 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16" and 1/2"
- 12 x 1/4" Drive 6 point metric standard sockets – 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12 & 13mm
- 10 x 1/4" Drive 6 point SAE standard sockets – 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16" & 1/2"
- 1 x Cross bar – 4 1/2"
- 2 x 3/8" Drive extension bars – 75 & 150mm
- 15 x 3/8" Drive 12 point metric standard sockets – 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 & 22mm
- 1 x 3/8" Drive spin disc
- 1 x 1/4" Drive driving handle (polycarbonates)
- 1 x 1/4" Drive flexible handle
- 1 x 1/4" Drive sliding T-handle
- 1 x 3/8" Drive 6 point rubber spark plug socket
- 1 x 3/8" Drive 32 teeth reversible ratchet
- 1 x 3/8" Drive universal joint
- 1 x 3/8" Drive adaptor – 3/8" F x 1/4" M



| Item Code | Bishops Code |
|-----------|--------------|
| 5092CR    | 61028540     |

## 62 PIECE 1/4", 3/8" & 1/2" DRIVE COMBINATION SOCKET WRENCH SET – METRIC



- Metal case size: 476(l) x 282(w) x 57(h)mm
- Weight: 7.4kg

### Includes:

- 1 x 1/4" Drive extension bar – 4"
- 10 x 1/4" Drive 6 point metric standard sockets – 4, 4.5, 5, 6, 7, 8, 9, 10, 11 & 12mm
- 5 x 3/8" Drive Torx bit sockets – T20, T25, T27, T30 & T40
- 5 x 3/8" Drive hexagon bit sockets – 4, 5, 6, 8 & 10mm
- 1 x 3/8" Drive extension bar – 6"
- 4 x 3/8" Drive 6 point metric deep sockets – 10, 13, 17 & 19mm
- 10 x 3/8" Drive 12 point metric standard sockets – 8, 9, 10, 11, 12, 13, 14, 15, 17 & 19mm
- 1 x 1/2" Drive extension bar – 6"
- 16 x 1/2" Drive 12 point metric standard sockets – 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30 & 32mm



| Item Code | Bishops Code |
|-----------|--------------|
| 9063MR01  | 61028560     |

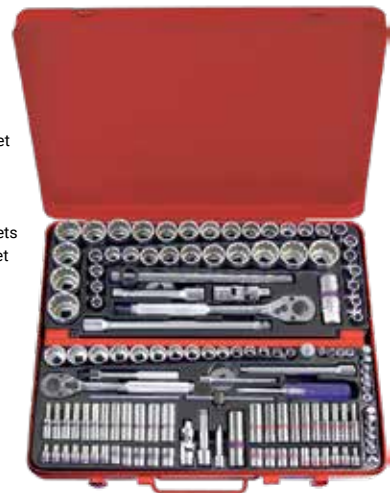
## 135 PIECE 1/4", 3/8" & 1/2" DRIVE COMBINATION SOCKET SET



- Metal case size: 450(l) x 370(w) x 56(h)mm
- Weight: 12.3kg

### Includes:

- 3 x Hex key – 1.5, 2 & 2.5mm
- 4 x Phillips bit sockets – PH1, PH2, PH3 & PH4
- 6 x Hex bit socket – 3, 4, 5, 6, 8 & 10mm
- 6 x Hex bit socket – 1/8", 3/16", 7/32", 1/4", 5/16" & 3/8"
- 2 x 1/4" Drive extension bars – 2" & 4"
- 12 x 1/4" Drive 6 point metric deep sockets – 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12 & 13mm
- 10 x 1/4" Drive 6 point SAE deep sockets – 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16" & 1/2"
- 12 x 1/4" Drive 6 point metric standard sockets – 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12 & 13mm
- 10 x 1/4" Drive 6 point SAE standard sockets – 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16" & 1/2"
- 2 x 3/8" Drive extension bars – 3" & 6"
- 15 x 3/8" Drive 12 point metric standard sockets – 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 & 22mm
- 2 x 1/2" Drive extension bars – 5" & 10"
- 23 x 1/2" Drive 12 point metric standard sockets – 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30 & 32mm
- 14 x 1/2" Drive 12 point SAE standard socket – 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/8", 1 1/4" & 1 1/2"
- 1 x Cross bar – 4 1/2"
- 2 x Drive spin discs – 1/2" & 3/8"
- 1 x 1/4" Drive driving handle (polycarbonate)
- 1 x 1/4" Drive flexible handle
- 1 x 1/4" Drive sliding T-handle
- 1 x 3/8" Drive 32 teeth reversible ratchet
- 1 x 3/8" Drive universal joint
- 1 x 3/8" Drive adaptor – 3/8" F x 1/4" M
- 1 x 1/2" Drive sliding T-handle
- 2 x 1/2" Drive 12 point spark plug sockets
- 1 x 1/2" Drive 32 teeth reversible ratchet
- 1 x 1/2" Drive universal joint



| Item Code | Bishops Code |
|-----------|--------------|
| 9033CR    | 61028580     |

**8 PIECE 1/2" DRIVE 12 POINT DEEP SOCKET SET – METRIC**



- Metal case size: 246(l) x 103(w) x 38(h)mm
- Weight: 1.93kg
- Includes:**
- Sizes: 12, 13, 14, 17, 19, 21, 22 & 23mm



| Item Code | Bishops Code |
|-----------|--------------|
| 4208MR    | 61052710     |

**8 PIECE 1/2" DRIVE 12 POINT DEEP SOCKET SET – IMPERIAL**



- Metal case size: 246(l) x 103(w) x 38(h)mm
- Weight: 1.93kg
- Includes:**
- Sizes: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8" & 15/16"



| Item Code | Bishops Code |
|-----------|--------------|
| 4208SR    | 61052705     |

**15 PIECE 1/2" DRIVE 12 POINT DEEP SOCKET SET – METRIC**



- Metal case size: 445(l) x 135(w) x 50(h)mm
- Weight: 3.80kg
- Includes:**
- Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 27, 30 & 32mm



| Item Code | Bishops Code |
|-----------|--------------|
| 4215MR    | 61052340     |

**16 PIECE 1/2" DRIVE 12 POINT DEEP SOCKET SET – METRIC**



- Metal case size: 445(l) x 135(w) x 50(h)mm
- Weight: 3.68kg
- Includes:**
- Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30 & 32mm



| Item Code | Bishops Code |
|-----------|--------------|
| 4216MR    | 61052345     |

**13 PIECE 3/8" DRIVE 12 POINT SOCKET RAIL SET – METRIC**



- Weight: 0.52kg
- Includes:**
- 13 x 3/8" Drive 12 point metric standard sockets – 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 & 19mm
- 1 x 3/8" Drive socket rail & clip – 290mm



| Item Code | Bishops Code |
|-----------|--------------|
| 3013MR    | 61044320     |

**13 PIECE 3/8" DRIVE 12 POINT SOCKET RAIL SET – IMPERIAL**



- Weight: 0.52kg
- Includes:**
- 13 x 3/8" Drive 12 point imperial standard sockets – 1/4", 5/16", 11/32", 3/8", 7/16", 15/32", 1/2", 9/16", 19/32", 5/8", 11/16", 3/4" & 13/16"
- 1 x 3/8" Drive socket rail & clip – 290mm



| Item Code | Bishops Code |
|-----------|--------------|
| 3013SR    | 61044120     |

**8 PIECE 1/2" DRIVE 12 POINT SOCKET RAIL SET – METRIC**



- Weight: 0.64kg
- Includes:**
- 8 x 1/2" Drive 12 point metric standard sockets – 10, 12, 13, 14, 17, 19, 21 & 22mm
- 1 x 1/2" Drive socket rail & clip – 230mm



| Item Code | Bishops Code |
|-----------|--------------|
| 4010MR    | 61052320     |

**8 PIECE 1/2" DRIVE 12 POINT SOCKET RAIL SET – IMPERIAL**



- Weight: 0.64kg
- Includes:**
- 8 x 1/2" Drive 12 point imperial standard sockets – 3/8", 7/16", 1/2", 9/16", 11/16", 3/4", 13/16" & 7/8"
- 1 x 1/2" Drive socket rail & clip – 230mm



| Item Code | Bishops Code |
|-----------|--------------|
| 4010SR    | 61052120     |



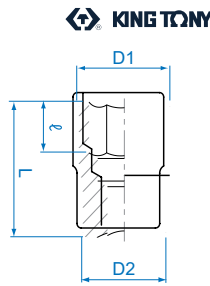


# 1/4" & 3/8" CHROME SOCKETS

HAND & CUTTING TOOLS

## 1/4" DRIVE 6 POINT STANDARD SOCKETS - METRIC

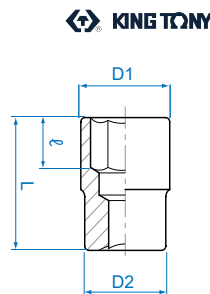
- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves
- Thin walled design on square driving side
- IN 3124, ISO 2725-1



| Item Code | Size  | D1     | D2     | ℓ   | Length | Weight | Bishops Code |
|-----------|-------|--------|--------|-----|--------|--------|--------------|
| 233504M   | 4mm   | 6.8mm  | 11.8mm | 4mm | 24mm   | 10g    | 61031040     |
| 233545M   | 4.5mm | 4.5mm  | 7.4mm  | 5mm | 24mm   | 10g    | 61031045     |
| 233505M   | 5mm   | 8mm    | 11.8mm | 6mm | 24mm   | 11g    | 61031050     |
| 233555M   | 5.5mm | 8.7mm  | 11.8mm | 6mm | 24mm   | 11g    | 61031055     |
| 233506M   | 6mm   | 9.2mm  | 11.8mm | 7mm | 24mm   | 11g    | 61031060     |
| 233507M   | 7mm   | 10.3mm | 11.8mm | 7mm | 24mm   | 11g    | 61031070     |
| 233508M   | 8mm   | 11.4mm | 11.8mm | 8mm | 24mm   | 11g    | 61031080     |
| 233509M   | 9mm   | 12.8mm | 12mm   | 8mm | 24mm   | 15g    | 61031090     |
| 233510M   | 10mm  | 14.3mm | 13mm   | 9mm | 24mm   | 14g    | 61031100     |
| 233511M   | 11mm  | 15.8mm | 14.2mm | 9mm | 24mm   | 20g    | 61031110     |
| 233512M   | 12mm  | 16.8mm | 15.5mm | 9mm | 24mm   | 22g    | 61031120     |
| 233513M   | 13mm  | 17.8mm | 16.5mm | 9mm | 24mm   | 24g    | 61031130     |

## 1/4" DRIVE 6 POINT STANDARD SOCKETS - IMPERIAL

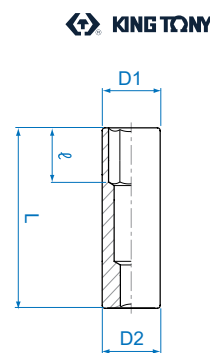
- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves
- Thin walled design on square driving side
- ANSI/ASME B107.1



| Item Code | Size   | D1     | D2     | ℓ   | Length | Weight | Bishops Code |
|-----------|--------|--------|--------|-----|--------|--------|--------------|
| 233505S   | 5/32"  | 6.8mm  | 11.8mm | 4mm | 24mm   | 10g    | 61030016     |
| 233506S   | 3/16"  | 7.9mm  | 11.8mm | 6mm | 24mm   | 10g    | 61030018     |
| 233507S   | 7/32"  | 8.7mm  | 11.8mm | 6mm | 24mm   | 10g    | 61030024     |
| 233508S   | 1/4"   | 9.5mm  | 11.8mm | 7mm | 24mm   | 11g    | 61030025     |
| 233509S   | 9/32"  | 10.3mm | 11.8mm | 7mm | 24mm   | 11g    | 61030028     |
| 233510S   | 5/16"  | 11.4mm | 11.8mm | 8mm | 24mm   | 11g    | 61030031     |
| 233511S   | 11/32" | 13.7mm | 12.2mm | 8mm | 24mm   | 13g    | 61030034     |
| 233512S   | 3/8"   | 14.2mm | 13mm   | 8mm | 24mm   | 14g    | 61030037     |
| 233514S   | 7/16"  | 15.8mm | 14.2mm | 9mm | 24mm   | 19g    | 61030043     |
| 233515S   | 15/32" | 16.8mm | 15.5mm | 9mm | 24mm   | 22g    | 61030046     |
| 233516S   | 1/2"   | 17.6mm | 16.5mm | 9mm | 24mm   | 24g    | 61030050     |

## 1/4" DRIVE 6 POINT DEEP SOCKETS - METRIC

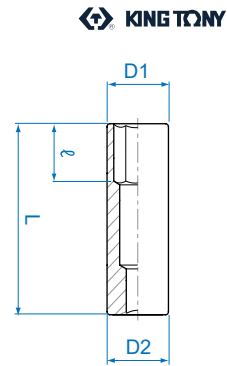
- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves
- DIN 3124, ISO 2725-1



| Item Code | Size | D1     | D2     | ℓ    | Length | Weight | Bishops Code |
|-----------|------|--------|--------|------|--------|--------|--------------|
| 223504M   | 4mm  | 6.8mm  | 11.8mm | 6mm  | 50mm   | 20g    | 61031504     |
| 223505M   | 5mm  | 8mm    | 11.8mm | 7mm  | 50mm   | 21g    | 61031505     |
| 223506M   | 6mm  | 9.2mm  | 11.8mm | 9mm  | 50mm   | 23g    | 61031506     |
| 223508M   | 8mm  | 11.8mm | 11.8mm | 15mm | 50mm   | 24g    | 61031508     |
| 223509M   | 9mm  | 13mm   | 13mm   | 15mm | 50mm   | 29g    | 61031509     |
| 223510M   | 10mm | 14.5mm | 14.5mm | 15mm | 50mm   | 38g    | 61031510     |
| 223511M   | 11mm | 15.8mm | 15.8mm | 21mm | 50mm   | 44g    | 61031511     |
| 223512M   | 12mm | 16.8mm | 16.8mm | 21mm | 50mm   | 53g    | 61031520     |

## 1/4" DRIVE 6 POINT DEEP SOCKETS - IMPERIAL

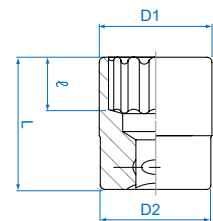
- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves
- DIN 3124, ISO 2725-1



| Item Code | Size  | D1    | D2     | ℓ   | Length | Weight | Bishops Code |
|-----------|-------|-------|--------|-----|--------|--------|--------------|
| 223507S   | 7/32" | 8.7mm | 11.8mm | 9mm | 50mm   | 25g    | 61030524     |
| 223508S   | 1/4"  | 9.5mm | 11.8mm | 9mm | 50mm   | 25g    | 61030525     |

## 3/8" DRIVE 12 POINT STANDARD SOCKETS - METRIC

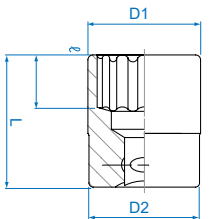
- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves
- Thin walled design on square driving side
- DIN 3124, ISO 2725-1



| Item Code | Size | D1     | D2     | ℓ    | Length | Weight | Bishops Code |
|-----------|------|--------|--------|------|--------|--------|--------------|
| 333006M   | 6mm  | 9.9mm  | 17.8mm | 7mm  | 27mm   | 24g    | 61039060     |
| 333007M   | 7mm  | 10.8mm | 17.8mm | 7mm  | 27mm   | 24g    | 61039070     |
| 333008M   | 8mm  | 12mm   | 17.8mm | 8mm  | 27mm   | 25g    | 61039080     |
| 333009M   | 9mm  | 9.9mm  | 17.8mm | 8mm  | 27mm   | 25g    | 61039090     |
| 333010M   | 10mm | 14.5mm | 17.8mm | 9mm  | 27mm   | 26g    | 61039100     |
| 333011M   | 11mm | 15.8mm | 17.8mm | 9mm  | 27mm   | 27g    | 61039110     |
| 333012M   | 12mm | 16.8mm | 17.8mm | 9mm  | 27mm   | 27g    | 61039120     |
| 333013M   | 13mm | 17.8mm | 16.8mm | 9mm  | 27mm   | 30g    | 61039130     |
| 333014M   | 14mm | 19.7mm | 18mm   | 9mm  | 29mm   | 33g    | 61039140     |
| 333015M   | 15mm | 20.8mm | 18mm   | 11mm | 29mm   | 40g    | 61039150     |
| 333016M   | 16mm | 21.8mm | 20mm   | 11mm | 29mm   | 39g    | 61039160     |
| 333017M   | 17mm | 23.8mm | 20mm   | 11mm | 29mm   | 52g    | 61039170     |
| 333018M   | 18mm | 24.7mm | 21mm   | 13mm | 29mm   | 58g    | 61039180     |
| 333019M   | 19mm | 25.8mm | 21mm   | 13mm | 29mm   | 62g    | 61039190     |
| 333020M   | 20mm | 27.1mm | 25mm   | 13mm | 32mm   | 73g    | 61039200     |
| 333021M   | 21mm | 27.8mm | 25mm   | 13mm | 32mm   | 82g    | 61039210     |
| 333022M   | 22mm | 29.7mm | 26mm   | 15mm | 32mm   | 87g    | 61039220     |

## 3/8" DRIVE 12 POINT STANDARD SOCKETS - IMPERIAL

- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves
- Thin walled design on square driving side
- ANSI/ASME B107.1

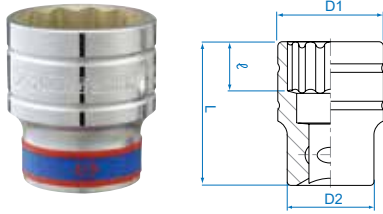


| Item Code | Size   | D1     | D2     | ℓ    | Length | Weight | Bishops Code |
|-----------|--------|--------|--------|------|--------|--------|--------------|
| 333008S   | 1/4"   | 10mm   | 17.8mm | 7mm  | 27mm   | 25g    | 61038025     |
| 333010S   | 5/16"  | 12mm   | 17.8mm | 7mm  | 27mm   | 22g    | 61038032     |
| 333012S   | 3/8"   | 14mm   | 17.8mm | 9mm  | 27mm   | 26g    | 61038037     |
| 333014S   | 7/16"  | 15.8mm | 17.8mm | 9mm  | 27mm   | 27g    | 61038043     |
| 333016S   | 1/2"   | 17.8mm | 16.8mm | 9mm  | 27mm   | 30g    | 61038050     |
| 333018S   | 9/16"  | 19.7mm | 18mm   | 11mm | 29mm   | 33g    | 61038056     |
| 333020S   | 5/8"   | 21.8mm | 20mm   | 11mm | 29mm   | 43g    | 61038062     |
| 333022S   | 11/16" | 23.8mm | 20mm   | 11mm | 29mm   | 52g    | 61038068     |
| 333024S   | 3/4"   | 25.7mm | 21mm   | 13mm | 29mm   | 62g    | 61038075     |
| 333026S   | 13/16" | 27.8mm | 24mm   | 13mm | 32mm   | 77g    | 61038081     |
| 333028S   | 7/8"   | 29.6mm | 26mm   | 15mm | 32mm   | 87g    | 61038087     |

**1/2" DRIVE 12 POINT STANDARD SOCKETS - METRIC**



- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves
- Thin walled design on square driving side
- DIN 3124, ISO 2725-1

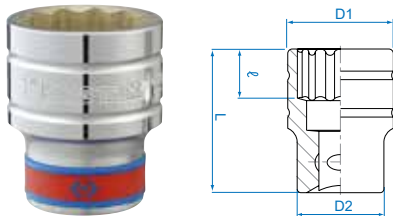


| Item Code | Size | D1     | D2     | ℓ    | Length | Weight | Bishops Code |
|-----------|------|--------|--------|------|--------|--------|--------------|
| 433008M   | 8mm  | 13.2mm | 23.3mm | 7mm  | 38mm   | 57g    | 61047080     |
| 433009M   | 9mm  | 14mm   | 23.3mm | 7mm  | 38mm   | 60g    | 61047090     |
| 433010M   | 10mm | 15mm   | 23.3mm | 8mm  | 38mm   | 58g    | 61047100     |
| 433011M   | 11mm | 16.4mm | 23.3mm | 8mm  | 38mm   | 58g    | 61047110     |
| 433012M   | 12mm | 17.8mm | 23.3mm | 9mm  | 38mm   | 60g    | 61047120     |
| 433013M   | 13mm | 19mm   | 23.3mm | 10mm | 38mm   | 60g    | 61047130     |
| 433014M   | 14mm | 20.4mm | 23.3mm | 11mm | 38mm   | 61g    | 61047140     |
| 433015M   | 15mm | 21.6mm | 23.3mm | 11mm | 38mm   | 62g    | 61047150     |
| 433016M   | 16mm | 22.5mm | 23.3mm | 11mm | 38mm   | 63g    | 61047160     |
| 433017M   | 17mm | 24mm   | 23.2mm | 12mm | 38mm   | 66g    | 61047170     |
| 433018M   | 18mm | 25.2mm | 23.2mm | 13mm | 38mm   | 66g    | 61047180     |
| 433019M   | 19mm | 26.6mm | 23.2mm | 13mm | 38mm   | 73g    | 61047190     |
| 433020M   | 20mm | 27.9mm | 23.2mm | 13mm | 38mm   | 86g    | 61047200     |
| 433021M   | 21mm | 28.9mm | 23.2mm | 14mm | 38mm   | 97g    | 61047210     |
| 433022M   | 22mm | 30.2mm | 24mm   | 15mm | 40mm   | 99g    | 61047220     |
| 433023M   | 23mm | 31.2mm | 25mm   | 15mm | 40mm   | 99g    | 61047230     |
| 433024M   | 24mm | 32.1mm | 26mm   | 17mm | 42mm   | 113g   | 61047240     |
| 433025M   | 25mm | 33.4mm | 27mm   | 17mm | 42mm   | 125g   | 61047250     |
| 433026M   | 26mm | 35mm   | 28mm   | 17mm | 42mm   | 130g   | 61047260     |
| 433027M   | 27mm | 36.6mm | 28mm   | 19mm | 42mm   | 135g   | 61047270     |
| 433028M   | 28mm | 37.8mm | 30mm   | 20mm | 42mm   | 151g   | 61047280     |
| 433029M   | 29mm | 39mm   | 30mm   | 21mm | 44mm   | 169g   | 61047290     |
| 433030M   | 30mm | 40mm   | 29.5mm | 21mm | 44mm   | 169g   | 61047300     |
| 433032M   | 32mm | 42.5mm | 30mm   | 23mm | 44mm   | 173g   | 61047320     |
| 433033M   | 33mm | 43mm   | 30mm   | 24mm | 46mm   | 217g   | 61047330     |
| 433036M   | 36mm | 47mm   | 33mm   | 24mm | 46mm   | 238g   | 61047360     |

**1/2" DRIVE 12 POINT STANDARD SOCKETS - IMPERIAL**



- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves
- Thin walled design on square driving side
- ANSI/ASME B107.1

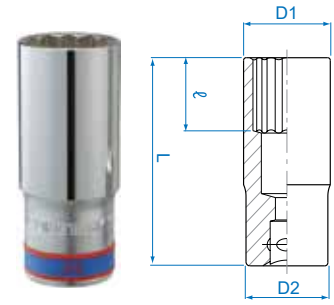


| Item Code | Size    | D1     | D2     | ℓ    | Length | Weight | Bishops Code |
|-----------|---------|--------|--------|------|--------|--------|--------------|
| 433012S   | 3/8"    | 15mm   | 21.8mm | 7mm  | 38mm   | 59g    | 61046037     |
| 433014S   | 7/16"   | 16.4mm | 23.3mm | 8mm  | 38mm   | 60g    | 61046043     |
| 433015S   | 15/32"  | 18mm   | 23.3mm | 8mm  | 38mm   | 62g    | 61046046     |
| 433016S   | 1/2"    | 19mm   | 23.3mm | 10mm | 38mm   | 62g    | 61046050     |
| 433018S   | 9/16"   | 20.4mm | 23.3mm | 11mm | 38mm   | 62g    | 61046056     |
| 433020S   | 5/8"    | 22.5mm | 23.3mm | 11mm | 38mm   | 62g    | 61046062     |
| 433022S   | 11/16"  | 24mm   | 23.2mm | 12mm | 38mm   | 70g    | 61046068     |
| 433024S   | 3/4"    | 26.8mm | 23.2mm | 13mm | 38mm   | 83g    | 61046075     |
| 433026S   | 13/16"  | 28.6mm | 23.2mm | 13mm | 38mm   | 95g    | 61046081     |
| 433028S   | 7/8"    | 30.2mm | 24mm   | 15mm | 40mm   | 102g   | 61046087     |
| 433030S   | 15/16"  | 32.6mm | 26mm   | 17mm | 42mm   | 112g   | 61046093     |
| 433032S   | 1"      | 34.8mm | 26.8mm | 17mm | 42mm   | 130g   | 61046100     |
| 433034S   | 1 1/16" | 36.6mm | 28mm   | 19mm | 42mm   | 135g   | 61046106     |
| 433036S   | 1 1/8"  | 39mm   | 30mm   | 21mm | 44mm   | 160g   | 61046112     |
| 433038S   | 1 3/16" | 40mm   | 29.5mm | 21mm | 44mm   | 169g   | 61046118     |
| 433040S   | 1 1/4"  | 42.5mm | 30mm   | 23mm | 44mm   | 173g   | 61046125     |

**1/2" DRIVE 12 POINT DEEP SOCKETS - METRIC**



- Chrome vanadium alloy steel
- Polished and chrome plated
- 4 ball retaining grooves
- DIN 3124, ISO 2725-1

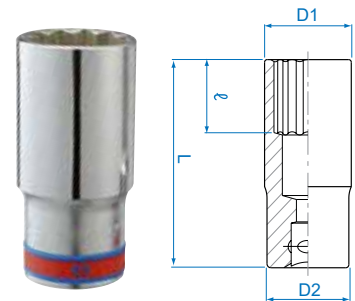


| Item Code | Size | D1     | D2     | ℓ    | Length | Weight | Bishops Code |
|-----------|------|--------|--------|------|--------|--------|--------------|
| 423010M   | 10mm | 15.2mm | 23.7mm | 24mm | 77mm   | 116g   | 61047510     |
| 423012M   | 12mm | 17.7mm | 23.7mm | 24mm | 77mm   | 123g   | 61047512     |
| 423013M   | 13mm | 18.7mm | 23.7mm | 24mm | 77mm   | 125g   | 61047513     |
| 423014M   | 14mm | 20.2mm | 23.7mm | 35mm | 77mm   | 138g   | 61047514     |
| 423017M   | 17mm | 23.7mm | 23.2mm | 35mm | 77mm   | 151g   | 61047517     |
| 423018M   | 18mm | 25.5mm | 23.2mm | 35mm | 77mm   | 182g   | 61047518     |
| 423019M   | 19mm | 26.7mm | 23.2mm | 35mm | 77mm   | 176g   | 61047519     |
| 423021M   | 21mm | 28.7mm | 25mm   | 35mm | 77mm   | 220g   | 61047521     |
| 423022M   | 22mm | 29.8mm | 26mm   | 35mm | 77mm   | 205g   | 61047522     |
| 423023M   | 23mm | 31.8mm | 27.5mm | 35mm | 77mm   | 207g   | 61047523     |

**1/2" DRIVE 12 POINT DEEP SOCKETS - IMPERIAL**



- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves
- Thin walled design on square driving side
- ANSI/ASME B107.1



| Item Code | Size | D1     | D2     | ℓ    | Length | Weight | Bishops Code |
|-----------|------|--------|--------|------|--------|--------|--------------|
| 423012S   | 3/8" | 14.7mm | 22mm   | 10mm | 77mm   | 116g   | 61046537     |
| 423016S   | 1/2" | 18.7mm | 23.7mm | 14mm | 77mm   | 125g   | 61046550     |
| 423020S   | 5/8" | 22.6mm | 23.7mm | 17mm | 77mm   | 147g   | 61046562     |
| 423024S   | 3/4" | 26.7mm | 23.2mm | 35mm | 77mm   | 176g   | 61046575     |
| 423028S   | 7/8" | 29.8mm | 26mm   | 37mm | 77mm   | 203g   | 61046587     |

GET MORE AT BISHOPS



**TORQUE WRENCHES**

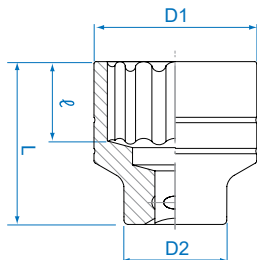
Page 191



## 3/4" CHROME SOCKETS

### 3/4" DRIVE 12 POINT STANDARD SOCKETS - METRIC

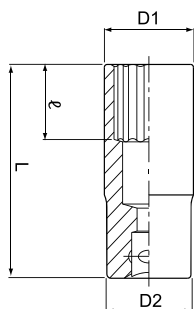
- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves
- Thin walled design on square driving side
- DIN 3124, ISO 2725-1



| Item Code | Size | D1     | D2     | ℓ    | Length | Weight | Bishops Code |
|-----------|------|--------|--------|------|--------|--------|--------------|
| 633019M   | 19mm | 30mm   | 32.7mm | 14mm | 51mm   | 207g   | 61055019     |
| 633021M   | 21mm | 32mm   | 32.7mm | 16mm | 51mm   | 210g   | 61055021     |
| 633022M   | 22mm | 33mm   | 35.7mm | 16mm | 51mm   | 209g   | 61055022     |
| 633023M   | 23mm | 34mm   | 35.7mm | 16mm | 51mm   | 216g   | 61055023     |
| 633024M   | 24mm | 35mm   | 35.7mm | 17mm | 51mm   | 219g   | 61055024     |
| 633026M   | 26mm | 35.7mm | 35mm   | 17mm | 52mm   | 243g   | 61055026     |
| 633027M   | 27mm | 38mm   | 36mm   | 19mm | 52mm   | 238g   | 61055027     |
| 633028M   | 28mm | 39mm   | 36mm   | 19mm | 52mm   | 233g   | 61055028     |
| 633029M   | 29mm | 40mm   | 38mm   | 19mm | 52mm   | 261g   | 61055029     |
| 633030M   | 30mm | 42mm   | 38mm   | 21mm | 54mm   | 295g   | 61055030     |
| 633032M   | 32mm | 44mm   | 38mm   | 23mm | 56mm   | 317g   | 61055032     |
| 633033M   | 33mm | 46mm   | 39mm   | 23mm | 56mm   | 351g   | 61055033     |
| 633034M   | 34mm | 47mm   | 42mm   | 24mm | 57mm   | 400g   | 61055034     |
| 633035M   | 35mm | 48mm   | 42mm   | 25mm | 58mm   | 406g   | 61055035     |
| 633036M   | 36mm | 50mm   | 42mm   | 25mm | 58mm   | 434g   | 61055036     |
| 633038M   | 38mm | 52mm   | 45mm   | 27mm | 60mm   | 497g   | 61055038     |
| 633041M   | 41mm | 56mm   | 45mm   | 29mm | 64mm   | 581g   | 61055041     |
| 633042M   | 42mm | 57mm   | 45mm   | 29mm | 64mm   | 591g   | 61055042     |
| 633046M   | 46mm | 62mm   | 48mm   | 33mm | 68mm   | 729g   | 61055046     |
| 633048M   | 48mm | 64mm   | 45mm   | 34mm | 70mm   | 775g   | 61055048     |
| 633050M   | 50mm | 68mm   | 48mm   | 34mm | 72mm   | 889g   | 61055050     |

### 3/4" DRIVE 12 POINT DEEP SOCKETS - METRIC

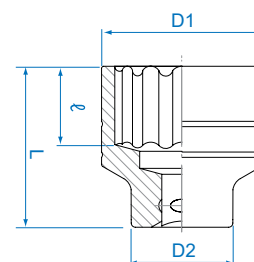
- Chrome vanadium alloy steel
- Polished and chrome plated
- 4 ball retaining grooves
- DIN 3124, ISO 2725-1



| Item Code | Size | D1   | D2   | ℓ    | Length | Weight  | Bishops Code |
|-----------|------|------|------|------|--------|---------|--------------|
| 623032M   | 32mm | 44mm | 38mm | 34mm | 90mm   | 568g    | 61047525     |
| 623033M   | 33mm | 46mm | 39mm | 34mm | 90mm   | 542g    | 61047526     |
| 623036M   | 36mm | 50mm | 42mm | 37mm | 90mm   | 608g    | 61047527     |
| 623039M   | 39mm | 53mm | 45mm | 41mm | 90mm   | 666g    | 61047528     |
| 623041M   | 41mm | 56mm | 45mm | 41mm | 90mm   | 701g    | 61047529     |
| 623046M   | 46mm | 62mm | 48mm | 46mm | 95mm   | 889g    | 61047530     |
| 623050M   | 50mm | 68mm | 48mm | 50mm | 95mm   | 1.022kg | 61047531     |

### 3/4" DRIVE 12 POINT STANDARD SOCKETS - IMPERIAL

- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves
- Thin walled design on square driving side
- ANSI/ASME B107.1



| Item Code | Size     | D1   | D2     | ℓ    | Length | Weight  | Bishops Code |
|-----------|----------|------|--------|------|--------|---------|--------------|
| 633024S   | 3/4"     | 30mm | 35.7mm | 14mm | 50.8mm | 225g    | 61054075     |
| 633026S   | 13/16"   | 32mm | 35.7mm | 14mm | 50.8mm | 228g    | 61054081     |
| 633028S   | 7/8"     | 33mm | 35.7mm | 16mm | 51mm   | 230g    | 61054087     |
| 633030S   | 15/16"   | 35mm | 35.7mm | 17mm | 51mm   | 240g    | 61054093     |
| 633032S   | 1"       | 35mm | 35.7mm | 17mm | 52mm   | 242g    | 61054100     |
| 633034S   | 1 1/16"  | 38mm | 36mm   | 19mm | 52mm   | 238g    | 61054106     |
| 633036S   | 1 1/8"   | 40mm | 38mm   | 19mm | 52mm   | 261g    | 61054112     |
| 633038S   | 1 3/16"  | 42mm | 38mm   | 21mm | 54mm   | 295g    | 61054118     |
| 633040S   | 1 1/4"   | 44mm | 38mm   | 23mm | 56mm   | 317g    | 61054125     |
| 633042S   | 1 5/16"  | 46mm | 39mm   | 23mm | 56mm   | 351g    | 61054131     |
| 633044S   | 1 3/8"   | 48mm | 42mm   | 25mm | 58mm   | 406g    | 61054137     |
| 633046S   | 1 7/16"  | 50mm | 42mm   | 25mm | 58mm   | 434g    | 61054143     |
| 633048S   | 1 1/2"   | 52mm | 35.7mm | 27mm | 60mm   | 497kg   | 61054150     |
| 633050S   | 1 9/16"  | 54mm | 45mm   | 28mm | 62mm   | 537kg   | 61054155     |
| 633052S   | 1 5/8"   | 56mm | 45mm   | 29mm | 64mm   | 581kg   | 61054162     |
| 633054S   | 1 11/16" | 58mm | 45mm   | 29mm | 65mm   | 591kg   | 61054168     |
| 633056S   | 1 3/4"   | 60mm | 48mm   | 31mm | 66mm   | 657kg   | 61054175     |
| 633058S   | 1 13/16" | 62mm | 48mm   | 34mm | 68mm   | 724kg   | 61054181     |
| 633060S   | 1 7/8"   | 64mm | 48mm   | 34mm | 70mm   | 775kg   | 61054187     |
| 633064S   | 2"       | 68mm | 48mm   | 34mm | 72mm   | 889kg   | 61054200     |
| 633066S   | 2 1/16"  | 70mm | 50mm   | 35mm | 74mm   | 950kg   | 61054206     |
| 633068S   | 2 1/8"   | 72mm | 50mm   | 35mm | 75mm   | 1.02kg  | 61054212     |
| 633070S   | 2 3/16"  | 74mm | 50mm   | 37mm | 76mm   | 1.12kg  | 61054218     |
| 633072S   | 2 1/4"   | 76mm | 50mm   | 37mm | 76mm   | 1.12kg  | 61054225     |
| 633074S   | 2 5/16"  | 78mm | 50mm   | 37mm | 78mm   | 1.16kg  | 61054231     |
| 633076S   | 2 3/8"   | 80mm | 50mm   | 40mm | 78mm   | 1.24kg  | 61054237     |
| 633078S   | 2 1/2"   | 82mm | 55mm   | 40mm | 81mm   | 1.366kg | 61054243     |
| 633080S   | 2 1/2"   | 84mm | 55mm   | 40mm | 81mm   | 1.460kg | 61054250     |

## GET MORE AT BISHOPS



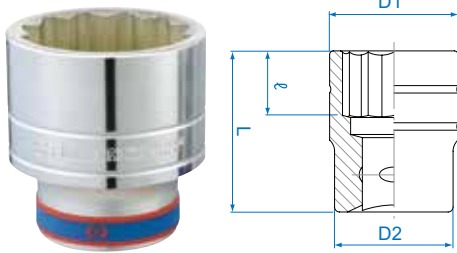
## LED WORK LIGHTS

Page 375



## 1" DRIVE 12 POINT STANDARD SOCKETS – METRIC

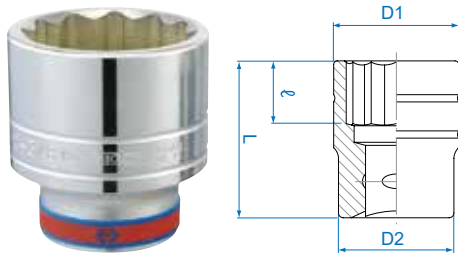
- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves
- Thin walled design on square driving side
- DIN 3124, ISO 2725-1



| Item Code | Size | D1    | D2   | ℓ    | Length | Weight | Bishops Code |
|-----------|------|-------|------|------|--------|--------|--------------|
| 833036M   | 36mm | 52mm  | 48mm | 26mm | 65mm   | 449g   | 61063036     |
| 833038M   | 38mm | 54mm  | 48mm | 26mm | 65mm   | 478g   | 61063038     |
| 833041M   | 41mm | 58mm  | 50mm | 29mm | 70mm   | 557g   | 61063041     |
| 833046M   | 46mm | 65mm  | 54mm | 32mm | 75mm   | 849g   | 61063046     |
| 833050M   | 50mm | 70mm  | 54mm | 34mm | 75mm   | 996g   | 61063050     |
| 833055M   | 55mm | 76mm  | 57mm | 42mm | 83mm   | 1.20kg | 61063055     |
| 833060M   | 60mm | 82mm  | 58mm | 46mm | 87mm   | 1.47kg | 61063060     |
| 833065M   | 65mm | 88mm  | 65mm | 49mm | 90mm   | 1.67kg | 61063065     |
| 833070M   | 70mm | 94mm  | 70mm | 50mm | 93mm   | 2.10kg | 61063070     |
| 833075M   | 75mm | 100mm | 70mm | 50mm | 95mm   | 2.31kg | 61063075     |

## 1" DRIVE 12 POINT STANDARD SOCKETS – IMPERIAL

- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves
- Thin walled design on square driving side
- ANSI/ASME B107.1



| Item Code | Size   | D1    | D2   | ℓ    | Length | Weight  | Bishops Code |
|-----------|--------|-------|------|------|--------|---------|--------------|
| 833048S   | 1½"    | 54mm  | 48mm | 26mm | 65mm   | 489g    | 61062150     |
| 833054S   | 1⅞/16" | 60mm  | 54mm | 28mm | 70mm   | 680g    | 61062168     |
| 833060S   | 1¾"    | 67mm  | 54mm | 34mm | 75mm   | 976g    | 61062187     |
| 833064S   | 2"     | 71mm  | 54mm | 34mm | 75mm   | 988g    | 61062200     |
| 833072S   | 2¼"    | 78mm  | 57mm | 42mm | 83mm   | 1.212kg | 61062225     |
| 833076S   | 2¾"    | 82mm  | 58mm | 46mm | 87mm   | 1.437kg | 61062237     |
| 833084S   | 2⅝"    | 90mm  | 65mm | 49mm | 90mm   | 1.693kg | 61062262     |
| 833094S   | 2⅞/16" | 100mm | 70mm | 52mm | 95mm   | 2.242kg | 61062293     |
| 8330A0S   | 3⅞"    | 107mm | 80mm | 52mm | 100mm  | 2.578kg | 61062312     |

## 7 PIECE ¼" DRIVE INHEX BIT SOCKET SET – METRIC

- Weight: 0.15kg
- Includes:**
- 7 x ¼" Drive hexagon bit sockets – 3, 4, 5, 6, 7, 8 & 10mm
- 1 x ¼" Drive socket rail & clip – 130mm



| Item Code | Bishops Code |
|-----------|--------------|
| 2127PR    | 61052325     |



## 8 PIECE ½" DRIVE HEX SOCKET SET – METRIC

- Chrome plated sockets with phosphate in hex drives
- Includes:**
- 8 x ½" Drive hex bit sockets – 6, 7, 8, 10, 12, 14, 17 & 19mm
- 1 x Socket rail & clip – 240mm



| Item Code | Bishops Code |
|-----------|--------------|
| 4108PR10  | 61052565     |

## 9 PIECE ½" DRIVE INHEX BIT SOCKET SET – METRIC

- Weight: 1kg
- Includes:**
- 9 x ½" Drive hexagon bit sockets – 4, 5, 6, 7, 8, 10, 12, 14 & 17mm
- 1 x ½" Drive socket rail and clip – 240mm



| Item Code | Bishops Code |
|-----------|--------------|
| 4120PR10  | 61052323     |

## 9 PIECE ½" DRIVE INHEX BIT SOCKET SET – METRIC

- Metal case size: 198(l) x 105(w) x 32(h)mm
- Weight: 1.03kg
- Includes:**
- 9 x Hexagon bit sockets – 3, 4, 5, 6, 7, 8, 10, 12 & 14mm



| Item Code | Bishops Code |
|-----------|--------------|
| 4110PR    | 61052720     |

## 9 PIECE ½" DRIVE INHEX BIT SOCKET SET – METRIC

- Metal case size: 198(l) x 105(w) x 32(h)mm
- Weight: 1.38kg
- Includes:**
- 9 x Hexagon bit sockets – 4, 5, 6, 7, 8, 10, 12, 14 & 17mm



| Item Code | Bishops Code |
|-----------|--------------|
| 4120PR    | 61052725     |



# SPECIALTY CHROME SOCKET SETS & INHEX SOCKETS

HAND & CUTTING TOOLS

## 9 PIECE 1/2" DRIVE TORX BIT SOCKET SET – METRIC



- Weight: 0.84kg
- Includes:**
- 9 x 1/2" Drive Torx sockets – T20, T25, T27, T30, T40, T45, T50, T55 & T60mm
- 1 x 1/2" Drive socket rail & clip – 240mm



| Item Code | Bishops Code |
|-----------|--------------|
| 4119PR10  | 61052322     |

## 9 PIECE 1/2" DRIVE TORX HEAD BIT SOCKET SET



- Length: 55mm
- Metal case size: 198(l) x 105(w) x 32(h)mm
- Case weight: 1.03kg
- Includes:**
- Sizes: T20, T25, T27, T30, T40, T45, T50, T55 & T60



| Item Code | Bishops Code |
|-----------|--------------|
| 4109PR    | 61052740     |

## 6 PIECE 1/2" DRIVE STAR SOCKET RAIL SET



- Weight: 0.51kg
- Includes:**
- 6 x 1/2" Drive star sockets – E10, E12, E14, E16, E18 & E20
- 1 x 1/2" Drive socket rail & clip – 230mm



| Item Code | Bishops Code |
|-----------|--------------|
| 4106PR    | 61048750     |

## 4 PIECE 1/2" DRIVE SPLINE BIT SOCKET RAIL SET – METRIC



- Weight: 0.46kg
- Includes:**
- 4 x 1/2" Drive spline bit sockets – 6, 8, 10 & 12mm
- 1 x 1/2" Drive socket rail & clip – 127mm



| Item Code | Bishops Code |
|-----------|--------------|
| 4136PR    | 61052321     |

## 3/8" DRIVE INHEX BIT SOCKETS – METRIC



- Socket made from chrome vanadium alloy steel
- Bit made from silicon alloy steel (S2)
- Polished, chrome plated
- DIN 7422/3120



| Item Code | Size | Length | Weight | Bishops Code |
|-----------|------|--------|--------|--------------|
| 302503    | 3mm  | 50mm   | 28g    | 61040103     |
| 302504    | 4mm  | 50mm   | 30g    | 61040104     |
| 302505    | 5mm  | 50mm   | 34g    | 61040105     |
| 302506    | 6mm  | 50mm   | 38g    | 61040106     |
| 302507    | 7mm  | 50mm   | 38g    | 61040107     |
| 302508    | 8mm  | 50mm   | 40g    | 61040108     |
| 302510    | 10mm | 50mm   | 40g    | 61040110     |
| 302512    | 12mm | 50mm   | 42g    | 61040112     |

## 1/2" DRIVE INHEX BIT SOCKETS – METRIC



- Socket made from chrome vanadium alloy steel
- Bit made from silicon alloy steel (S2)
- Polished, chrome plated
- DIN 7422



| Item Code | Size | Length | Weight | Bishops Code |
|-----------|------|--------|--------|--------------|
| 402503    | 3mm  | 60mm   | 68g    | 61048103     |
| 402504    | 4mm  | 60mm   | 68g    | 61048104     |
| 402505    | 5mm  | 60mm   | 70g    | 61048105     |
| 402506    | 6mm  | 60mm   | 72g    | 61048106     |
| 402507    | 7mm  | 60mm   | 75g    | 61048107     |
| 402508    | 8mm  | 60mm   | 75g    | 61048108     |
| 402510    | 10mm | 60mm   | 85g    | 61048110     |
| 402512    | 12mm | 60mm   | 117g   | 61048112     |
| 402514    | 14mm | 60mm   | 120g   | 61048114     |
| 402517    | 17mm | 66mm   | 153g   | 61048117     |
| 402519    | 19mm | 66mm   | 225g   | 61048119     |

## 3/4" DRIVE INHEX BIT SOCKETS – METRIC



- Socket made from chrome vanadium alloy steel
- Bit made from silicon alloy steel (S2)
- Polished, chrome plated
- Hexagon head
- DIN 7422



| Item Code | Size | Length | Weight | Bishops Code |
|-----------|------|--------|--------|--------------|
| 602514    | 14mm | 80mm   | 257g   | 61048120     |
| 602517    | 17mm | 80mm   | 268g   | 61048121     |
| 602519    | 19mm | 80mm   | 278g   | 61048122     |
| 602522    | 22mm | 80mm   | 361g   | 61048123     |

**3/8" DRIVE TORX BIT SOCKETS**

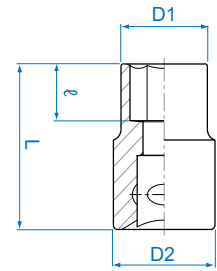
- Socket made from chrome vanadium alloy steel
- Bit made from silicon alloy steel (S2)
- Polished, chrome plated
- For Torx internal screw
- DIN 3120



| Item Code | Size | Length | Weight | Bishops Code |
|-----------|------|--------|--------|--------------|
| 302310    | T10  | 50mm   | 28g    | 61040810     |
| 302315    | T15  | 50mm   | 28g    | 61040815     |
| 302320    | T20  | 50mm   | 30g    | 61040820     |
| 302325    | T25  | 50mm   | 34g    | 61040825     |
| 302327    | T27  | 50mm   | 38g    | 61040827     |
| 302330    | T30  | 50mm   | 38g    | 61040830     |
| 302340    | T40  | 50mm   | 40g    | 61040840     |
| 302345    | T45  | 50mm   | 40g    | 61040845     |
| 302350    | T50  | 50mm   | 42g    | 61040850     |

**3/8" DRIVE STAR SOCKETS**

- For Torx external screws
- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves
- DIN 3120



| Item Code | Size | D1     | D2     | ℓ      | Length | Weight | Bishops Code |
|-----------|------|--------|--------|--------|--------|--------|--------------|
| 337504M   | E4   | 6mm    | 16.8mm | 3.6mm  | 28mm   | 18g    | 61040704     |
| 337505M   | E5   | 7mm    | 16.8mm | 4mm    | 28mm   | 19g    | 61040705     |
| 337506M   | E6   | 8mm    | 16.8mm | 5mm    | 28mm   | 20g    | 61040706     |
| 337507M   | E7   | 8.9mm  | 16.8mm | 6mm    | 28mm   | 21g    | 61040707     |
| 337508M   | E8   | 10mm   | 16.8mm | 6.5mm  | 28mm   | 21g    | 61040708     |
| 337510M   | E10  | 12mm   | 16.8mm | 7mm    | 28mm   | 22g    | 61040710     |
| 337512M   | E12  | 14.3mm | 16.8mm | 9mm    | 28mm   | 25g    | 61040712     |
| 337514M   | E14  | 15.9mm | 17.8mm | 9.5mm  | 28mm   | 29g    | 61040714     |
| 337516M   | E16  | 18mm   | 19.8mm | 10.5mm | 28mm   | 39g    | 61040716     |
| 337518M   | E18  | 20mm   | 21.8mm | 11mm   | 28mm   | 50g    | 61040718     |

**1/2" DRIVE TORX BIT SOCKETS**

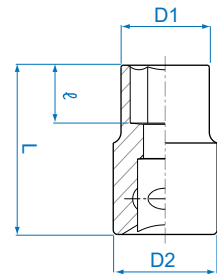
- Socket made from chrome vanadium alloy steel
- Bit made from silicon alloy steel (S2)
- Polished, chrome plated
- For Torx internal screw
- DIN 3120



| Item Code | Size | Length | Weight | Bishops Code |
|-----------|------|--------|--------|--------------|
| 402320    | T20  | 60mm   | 72g    | 61048820     |
| 402325    | T25  | 60mm   | 72g    | 61048825     |
| 402327    | T27  | 60mm   | 72g    | 61048827     |
| 402330    | T30  | 60mm   | 75g    | 61048830     |
| 402340    | T40  | 60mm   | 80g    | 61048840     |
| 402345    | T45  | 60mm   | 82g    | 61048845     |
| 402350    | T50  | 60mm   | 85g    | 61048850     |
| 402355    | T55  | 60mm   | 115g   | 61048855     |
| 402360    | T60  | 60mm   | 116g   | 61048860     |

**1/2" DRIVE STAR SOCKETS**

- For Torx external screws
- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves
- DIN 3120



| Item Code | Size | D1     | D2     | ℓ      | Length | Weight | Bishops Code |
|-----------|------|--------|--------|--------|--------|--------|--------------|
| 437510M   | E10  | 13.2mm | 23.8mm | 7.5mm  | 37mm   | 60g    | 61048710     |
| 437512M   | E12  | 15mm   | 23.8mm | 9mm    | 37mm   | 62g    | 61048712     |
| 437514M   | E14  | 16.4mm | 23.8mm | 10mm   | 37mm   | 64g    | 61048714     |
| 437516M   | E16  | 18.8mm | 23.8mm | 11mm   | 37mm   | 68g    | 61048716     |
| 437518M   | E18  | 20.5mm | 23.8mm | 12.5mm | 72mm   | 72g    | 61048718     |
| 437520M   | E20  | 22.8mm | 23.8mm | 14mm   | 74mm   | 74g    | 61048720     |

**GET MORE AT BISHOPS** ▶

**PICK-UP TOOLS**

Page 240

**1/2" DRIVE SPLINE BIT SOCKETS – METRIC**

- Socket made from chrome vanadium alloy steel
- Bit made from silicon alloy steel (S2)
- Polished, chrome plated
- DIN 3120



| Item Code | Size | Length | Weight | Bishops Code |
|-----------|------|--------|--------|--------------|
| 402605    | M5   | 60mm   | 70g    | 61048605     |
| 402606    | M6   | 60mm   | 72g    | 61048606     |
| 402608    | M8   | 60mm   | 73g    | 61048608     |
| 402610    | M10  | 60mm   | 85g    | 61048610     |
| 402612    | M12  | 60mm   | 113g   | 61048612     |
| 402614    | M14  | 60mm   | 117g   | 61048614     |





# SPECIALTY CHROME SOCKETS

HAND & CUTTING TOOLS

## 3/8" DRIVE RIBE BIT SOCKETS – METRIC

- Socket made from chrome vanadium alloy steel
- Bit made from silicon alloy steel (S2)
- Polished, chrome plated
- Use for VW, Audi and Fiat cylinder head bolts
- DIN 3120



| Item Code | Size | Length | Weight | Bishops Code |
|-----------|------|--------|--------|--------------|
| 303905    | M5   | 90mm   | 69g    | 61040905     |
| 303906    | M6   | 90mm   | 71g    | 61040906     |
| 303907    | M7   | 90mm   | 72g    | 61040907     |
| 303908    | M8   | 90mm   | 88g    | 61040908     |

## 1/2" DRIVE RIBE BIT SOCKETS – METRIC

- Socket made from chrome vanadium alloy steel
- Bit made from silicon alloy steel (S2)
- Polished, chrome plated
- Use for VW, Audi and Fiat cylinder head bolts



| Item Code | Size | Length | Weight | Bishops Code |
|-----------|------|--------|--------|--------------|
| 404910    | M10  | 100mm  | 106g   | 61048910     |
| 404912    | M12  | 100mm  | 132g   | 61048912     |
| 404913    | M13  | 100mm  | 162g   | 61048913     |
| 484914    | M14  | 100mm  | 164g   | 61048914     |
| 404916    | M16  | 100mm  | 166g   | 61048916     |

## 1/2" DRIVE SLOTTED BIT SOCKETS

- Socket made from chrome vanadium alloy steel
- Bit made from silicon alloy steel (S2)
- Polished, chrome plated
- DIN 5264/3120



| Item Code | Tip Width | Tip Thickness | Length | Weight | Bishops Code |
|-----------|-----------|---------------|--------|--------|--------------|
| 402208    | 8mm       | 1.2mm         | 60mm   | 77g    | 61048410     |
| 402210    | 10mm      | 1.6mm         | 60mm   | 83g    | 61048430     |
| 402212    | 12mm      | 2mm           | 60mm   | 110g   | 61048450     |
| 402214    | 14mm      | 2.5mm         | 60mm   | 112g   | 61048470     |

## 3/8" DRIVE SLOTTED BIT SOCKETS

- Socket made from chrome vanadium alloy steel
- Bit made from silicon alloy steel (S2)
- Polished, chrome plated
- DIN 2380



| Item Code | Tip Width | Tip Thickness | Length | Weight | Bishops Code |
|-----------|-----------|---------------|--------|--------|--------------|
| 302205    | 5mm       | 1mm           | 50mm   | 36g    | 61040410     |
| 302208    | 8mm       | 1.2mm         | 50mm   | 37g    | 61040430     |
| 302210    | 10mm      | 1.6mm         | 50mm   | 38g    | 61040450     |

## 1/2" DRIVE PHILLIPS BIT SOCKETS

- Socket made from chrome vanadium alloy steel
- Bit made from silicon alloy steel (S2)
- Polished, chrome plated
- Phillips head
- DIN ISO 8764-1



| Item Code | Size | Length | Weight | Bishops Code |
|-----------|------|--------|--------|--------------|
| 402102    | PH2  | 60mm   | 77g    | 61048310     |
| 402103    | PH3  | 60mm   | 77g    | 61048330     |
| 402104    | PH4  | 60mm   | 77g    | 61048350     |

## 3/8" DRIVE PHILLIPS BIT SOCKETS – METRIC

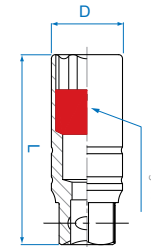
- Socket made from chrome vanadium alloy steel
- Bit made from silicon alloy steel (S2)
- Polished, chrome plated
- Phillips head
- Length: 50mm
- DIN ISO 8764-1



| Item Code | Size | Length | Weight | Bishops Code |
|-----------|------|--------|--------|--------------|
| 302102    | PH2  | 50mm   | 35g    | 61040310     |
| 302103    | PH3  | 50mm   | 36g    | 61040330     |
| 302104    | PH4  | 50mm   | 37g    | 61040350     |

## 3/8" DRIVE 6 POINT MAGNETIC SPARK PLUG SOCKETS

- Magnetic inside sleeve
- DIN 3120



| Item Code | Size            | Dia.   | Length | Weight | Bishops Code |
|-----------|-----------------|--------|--------|--------|--------------|
| 366516    | 16mm (5/8")     | 21mm   | 70mm   | 105g   | 61040562     |
| 366021    | 20.8mm (13/16") | 27.7mm | 70mm   | 155g   | 61040587     |

## 1/2" DRIVE 6 POINT MAGNETIC SPARK PLUG SOCKETS

- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves
- Magnetic inside sleeve
- Length: 70mm
- DIN 3120



| Item Code | Size            | Dia.    | Length | Weight | Bishops Code |
|-----------|-----------------|---------|--------|--------|--------------|
| 466516    | 16mm (5/8")     | 20.75mm | 70mm   | 115g   | 61048562     |
| 466021    | 20.8mm (13/16") | 27.7mm  | 70mm   | 165g   | 61048581     |



# THE USUAL SUSPECTS WRENCHES & SPANNERS

## Terms & Definitions

You might call a spade a spade, but there are a lot of different terms floating around for wrenches and spanners.



**1** A **Socket Ratchet** is essentially a handle with a ratcheting male square drive of variable size. Combined with a set of standard sockets, you can tackle many different fastener sizes.

**2** A **Torque Wrench** is similar to a socket wrench, however is precisely calibrated to apply an adjustable amount of torque.

**3** A **Spanner** is a tool with fixed capacity, available in single or double ended varieties. The most common are combination spanners, which combine open jaws with a ring. Spanners with two open jaw ends or two ring ends are also available. Slogging spanners are designed to be struck with a hammer to loosen the most stubborn bolts.

**4** An **Adjustable Wrench** is similar to an open-ended spanner with jaws that can expand and contract. An essential and indispensable tool.

If a tool is **ratcheting**, this means it has a mechanism to allow back and forth movement during fastening or loosening. This removes the need to reset the tool in-between turns.

If you can't find what you need in this catalogue, make sure to contact Bishops and we will find it for you.

## REVERSIBLE SOCKET RATCHETS

- Chrome vanadium alloy steel handle
- (Gear) driver of chrome molybdenum steel
- Polished, chrome plated black driver by phosphate sunk



| Item Code | Size     | Gear Action | Teeth | Length | Weight | Bishops Code |
|-----------|----------|-------------|-------|--------|--------|--------------|
| 2769-55P  | ¼" Drive | 15°         | 24    | 140mm  | 125g   | 61034120     |
| 3769-08P  | ¾" Drive | 11°         | 32    | 200mm  | 358g   | 61042120     |
| 3781-11P  | ¾" Drive | 11°         | 32    | 280mm  | 445g   | 61042156     |
| 3779-08G  | ¾" Drive | 11°         | 32    | 200mm  | 295g   | 61042140     |
| 3755-08G  | ¾" Drive | 5°          | 72    | 200mm  | 387g   | 61042150     |
| 4768-10F  | ½" Drive | 11°         | 32    | 250mm  | 589g   | 61050120     |
| 4768-10P  | ½" Drive | 11°         | 32    | 250mm  | 562g   | 61050160     |
| 4789-12P  | ½" Drive | 11°         | 32    | 300mm  | 735g   | 61050176     |
| 4779-10G  | ½" Drive | 11°         | 32    | 250mm  | 580g   | 61050140     |
| 4755-10G  | ½" Drive | 5°          | 72    | 250mm  | 570g   | 61050170     |
| 6779-20F  | ¾" Drive | 15°         | 24    | 500mm  | 2.35kg | 61058120     |
| 8779-32F  | 1" Drive | 15°         | 24    | 800mm  | 4.40kg | 61066120     |

## ¾" DRIVE SOCKET RATCHET REPAIR KIT



- Repair kit to suit 6779-20F (61058120)



| Item Code | Bishops Code |
|-----------|--------------|
| 6779-DK   | 61058125     |



# SOCKET RATCHET, WRENCHES & HANDLES

HAND & CUTTING TOOLS

## 1/2" DRIVE 72 TEETH MINI REVERSIBLE SOCKET RATCHET

- Chrome vanadium alloy steel handle
- Chrome molybdenum steel (gear) driver
- Polished, chrome plated finish
- Black driver by phosphate sunk
- Mini reversible ratchet
- 5° gear action degree (72 teeth)
- Two teeth pawl action
- Overall length: 137mm (5 1/2")
- DIN 3122



| Item Code | Bishops Code |
|-----------|--------------|
| 4760-5G   | 61050118     |



## FLEXIBLE HANDLES

- Chrome vanadium alloy steel
- Polished, chrome plated finishing and black phosphate sunk
- Action degree: 180°



3452-08F

| Item Code | Size                                    | Length | Weight  | Bishops Code |
|-----------|-----------------------------------------|--------|---------|--------------|
| 3452-08F  | 3/8" Drive                              | 215mm  | 259g    | 61042180     |
| 4453-15F  | 1/2" Drive                              | 375mm  | 630g    | 61050200     |
| 4453-18F  | 1/2" Drive                              | 450mm  | 708g    | 61050220     |
| 6452-18F  | 3/4" Drive                              | 450mm  | 1.717kg | 61058380     |
| 6452-30F  | 3/4" Drive                              | 760mm  | 2.813kg | 61058385     |
| 6452-DK   | Repair Kit for 3/4" Flex Handle Ratchet |        |         | 61058389     |



## GET MORE AT BISHOPS



## MULTI-PURPOSE LUBRICANTS

Page 442

## PODGING WRENCHES

- Made from special forged steel
- Hardness > 40HRC



| Item Code | Size     | Length | Bishops Code |
|-----------|----------|--------|--------------|
| 65076     | M17-19mm | 320mm  | 61095510     |
| 65077     | M19-22mm | 320mm  | 61095515     |
| 65081     | M36-41mm | 480mm  | 61095535     |

## DOUBLE SOCKET PODGING WRENCHES

- High quality drop forged chrome vanadium steel
- Can be used as ratchet and socket wrench
- Reversible switch for tightening or loosening nuts and bolts
- Tapered end to align soft holes easily
- Combination double socket two sizes in one built in ratchet
- 32 teeth



| Item Code | Size       | Bishops Code | Item Code | Size       | Bishops Code |
|-----------|------------|--------------|-----------|------------|--------------|
| 15001012P | M10 x 12mm | 61094796     | 15002224P | M22 x 24mm | 61094802     |
| 15001317P | M13 x 17mm | 61094797     | 15002430P | M24 x 30mm | 61094803     |
| 15001719P | M17 x 19mm | 61094798     | 15002730P | M27 x 30mm | 61094804     |
| 15001921P | M19 x 21mm | 61095512     | 15002732P | M27 x 32mm | 61094805     |
| 15001922P | M19 x 22mm | 61094800     | 15003236P | M32 x 36mm | 61094806     |
| 15001924P | M19 x 24mm | 61094801     | 15003641P | M36 x 41mm | 61094807     |

## 1/2" DRIVE FLEXIBLE HANDLE

- Chrome vanadium alloy steel construction
- Polished, chrome plated finish
- Flexible handle
- 180° action
- DIN 3122



| Item Code | Length      | Weight  | Bishops Code |
|-----------|-------------|---------|--------------|
| 4462-18F  | 463mm (18") | 1.046kg | 61050226     |
| 4462-24F  | 613mm (24") | 1.350kg | 61050225     |

## DRIVE SLIDING T-HANDLES

- Chrome vanadium alloy steel
- Polished, chrome plated finishing and black phosphate sunk



3571-08

4573-10

| Item Code | Size       | Length | Weight  | Bishops Code |
|-----------|------------|--------|---------|--------------|
| 3571-08   | 3/8" Drive | 200mm  | 182g    | 61042160     |
| 4572-10   | 1/2" Drive | 250mm  | 371g    | 61050240     |
| 6572-20   | 3/4" Drive | 500mm  | 1.542kg | 61058160     |
| 8572-25   | 1" Drive   | 630mm  | 4.20kg  | 61066140     |

## 90° L-HANDLES

- Made from chrome vanadium alloy steel
- Polished, chrome plated finish
- 4 ball retaining grooves



6581-18

| Item Code | Size       | Length | Weight | Bishops Code |
|-----------|------------|--------|--------|--------------|
| 4581-10   | 1/2" Drive | 250mm  | 429g   | 61050180     |
| 6581-18   | 3/4" Drive | 450mm  | 1.85kg | 61058180     |



## 1/2" DRIVE SPEED BRACE

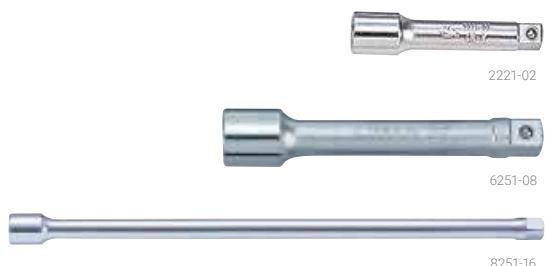
- Chrome vanadium alloy steel
- Polished, chrome plated finishing
- Length: 412mm
- Weight: 545g



| Item Code | Bishops Code |
|-----------|--------------|
| 4311-16G  | 61050250     |

## EXTENSION BARS

- Chrome vanadium alloy steel
- Polished, chrome plated finishing



| Item Code | Size       | Length | Weight | Bishops Code |
|-----------|------------|--------|--------|--------------|
| 2221-02   | 1/4" Drive | 50mm   | 24g    | 61034320     |
| 2221-04   | 1/4" Drive | 100mm  | 45g    | 61034340     |
| 2221-06   | 1/4" Drive | 150mm  | 67g    | 61034360     |
| 3221-16   | 3/8" Drive | 40mm   | 39g    | 61042320     |
| 3221-03   | 3/8" Drive | 75mm   | 75g    | 61042340     |
| 3221-06   | 3/8" Drive | 150mm  | 146g   | 61042360     |
| 3221-10   | 3/8" Drive | 250mm  | 240g   | 61042380     |
| 4223-02   | 1/2" Drive | 50mm   | 94g    | 61050320     |
| 4251-03   | 1/2" Drive | 75mm   | 138g   | 61050330     |
| 4251-05   | 1/2" Drive | 125mm  | 192g   | 61050350     |
| 4223-05   | 1/2" Drive | 125mm  | 198g   | 61050355     |
| 4251-06   | 1/2" Drive | 150mm  | 230g   | 61050360     |
| 4251-10   | 1/2" Drive | 250mm  | 433g   | 61050380     |
| 4223-10   | 1/2" Drive | 250mm  | 357g   | 61050390     |
| 6251-04   | 3/4" Drive | 100mm  | 400g   | 61058320     |
| 6251-08   | 3/4" Drive | 200mm  | 732g   | 61058340     |
| 6251-16   | 3/4" Drive | 400mm  | 1,362g | 61058360     |
| 8251-08   | 1" Drive   | 200mm  | 1,350g | 61066320     |
| 8251-16   | 1" Drive   | 400mm  | 2,480g | 61066360     |

## TAIWAN FOR TOOLS!

Did you know that Taiwan is the manufacturing nation of choice when it comes to tools?



Large brands including King Tony and Sidchrome now source many of their tools from this country.



## UNIVERSAL JOINTS



- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves



| Item Code | Size       | Length | Weight | Bishops Code |
|-----------|------------|--------|--------|--------------|
| 2792      | 1/4" Drive | 36mm   | 29g    | 61034560     |
| 3792      | 3/8" Drive | 50mm   | 67g    | 61042580     |
| 4791      | 1/2" Drive | 77.5mm | 163g   | 61050560     |
| 6791      | 3/4" Drive | 108mm  | 590g   | 61058580     |

## ADAPTORS



- Chrome vanadium alloy steel
- Polished, chrome plated finishing



2813

| Item Code | Size            | Weight | Bishops Code |
|-----------|-----------------|--------|--------------|
| 2813      | 1/4" F x 3/8" M | 20g    | 61034520     |
| 3812      | 3/8" F x 1/4" M | 31.5g  | 61042520     |
| 3814      | 3/8" F x 1/2" M | 47g    | 61042540     |
| 4813      | 1/2" F x 3/8" M | 61g    | 61050520     |
| 4816      | 1/2" F x 3/4" M | 114g   | 61050540     |
| 6814      | 3/4" F x 1/2" M | 131g   | 61058520     |
| 6818      | 3/4" F x 1" M   | 304g   | 61058540     |
| 8816      | 1" F x 3/4" M   | 330g   | 61066520     |

## SOCKET & BIT HOLDERS



- For use with 10, 13 and 19mm ratchet wrenches



| Item Code | Description | To Suit Ratchet Wrench | Bishops Code |
|-----------|-------------|------------------------|--------------|
| 373202H   | 1/4" Bit    | 10mm                   | 61085901     |
| 373202R   | 1/4" Drive  | 10mm                   | 61085905     |
| 373203R   | 3/8" Drive  | 13mm                   | 61085908     |
| 373225H   | 5/16" Bit   | 13mm                   | 61085910     |
| 373204R   | 1/2" Drive  | 19mm                   | 61085915     |

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MECHANICS GLOVES

Page 7



# SOCKET WRENCHES, IMPACT DRIVERS & ACCESSORIES

HAND & CUTTING TOOLS

## 12 PIECE ANGLED SOCKET WRENCH SET – METRIC



- Weight: 4.75kg
- Includes:
  - 12 x Angled socket wrenches – 8, 10, 11, 12, 13, 14, 16, 17, 18, 19, 22 & 24mm



| Item Code | Bishops Code |
|-----------|--------------|
| 1812MR    | 61094910     |

## 12 & 6 POINT ANGLED SOCKET WRENCHES – METRIC



- Angle and through-hole design
- High quality steel, chrome plated
- Deep recess at one side and open end socket at the other, easily fit over protruding studs
- ISO 2236



| Item Code | Size | Length | Weight | Bishops Code |
|-----------|------|--------|--------|--------------|
| 1080-08   | 8mm  | 120mm  | 62g    | 61094808     |
| 1080-10   | 10mm | 130mm  | 100g   | 61094810     |
| 1080-11   | 11mm | 135mm  | 115g   | 61094811     |
| 1080-12   | 12mm | 140mm  | 155g   | 61094812     |
| 1080-13   | 13mm | 150mm  | 180g   | 61094813     |
| 1080-14   | 14mm | 160mm  | 185g   | 61094814     |
| 1080-16   | 16mm | 185mm  | 285g   | 61094815     |
| 1080-17   | 17mm | 195mm  | 315g   | 61094817     |
| 1080-18   | 18mm | 210mm  | 370g   | 61094818     |
| 1080-19   | 19mm | 215mm  | 425g   | 61094819     |
| 1080-22   | 22mm | 245mm  | 530g   | 61094822     |
| 1080-24   | 24mm | 265mm  | 670g   | 61094824     |

## 1/4" DRIVE DRIVING HANDLE



- Chrome vanadium alloy steel
- Polished, chrome plated finishing and black phosphate sunk
- Length: 150mm
- Weight: 76g



| Item Code | Bishops Code |
|-----------|--------------|
| 2178AE    | 61034160     |

## 1/2" DRIVE SQUARE T-SHAPED DRIVER



- Chrome vanadium alloy steel
- 170mm handle
- Length: 268mm
- Weight: 400g



| Item Code | Bishops Code |
|-----------|--------------|
| 4511-06   | 61050235     |

## 6 PIECE 1/2" DRIVE IMPACT DRIVER SET



- Metal case size: 190(l) x 60(w) x 48(h)mm
- Weight: 1kg
- Includes:
  - 2 x 5/16" Hex size shank drivers (Phillips head) – 2 & 3mm
  - 2 x 5/16" Hex size shank drivers (slotted head) – 9 & 11mm
  - 1 x 1/2" Drive impact driver
  - 1 x 1/2" Drive bit holder



| Item Code | Bishops Code |
|-----------|--------------|
| 4112FR    | 61006100     |

## 10 PIECE 1/2" DRIVE IMPACT DRIVER & SOCKET SET



- Metal case size: 246(l) x 103(w) x 38(h)mm
- Weight: 1.56kg
- Includes:
  - 2 x 5/16" Hex size shank drivers (Phillips head) – 2 & 3mm
  - 2 x 5/16" Hex size shank drivers (slotted head) – 9 & 11mm
  - 4 x 1/2" Drive 6 point metric standard sockets – 8, 10, 12 & 14mm
  - 1 x 1/2" Drive impact driver
  - 1 x 1/2" Drive bit holder



| Item Code | Bishops Code |
|-----------|--------------|
| 4505MR    | 61006110     |

## TORQUE ANGLE GAUGES



- Square drive
- 360° angle scale – clearly marked in 2° increments, and in intervals of 10° and 30°
- Indicator etched on clear plastic plate – protects angle scale from dirt and grease
- Adjustable arm keeps angle scale stationary
- Arm has two lengths for additional flexibility in placement against components
- Tough composite dial and rotating index allow operator to accurately tighten fixing to manufacturers exact standard



| Item Code | Size        | Bishops Code |
|-----------|-------------|--------------|
| 34440     | 1/2" x 1/2" | 63070320     |
| 34660     | 3/4" x 3/4" | 63070322     |

# GET MORE AT BISHOPS



## HYDRAULIC TORQUE WRENCHES

Page 474

## TORQUE WRENCHES

- Dual scale – English and Newton meter (in. lb./ft. lb. and Nm)
- Automatic quick return for torque-adjusting
- Comfortable rubber handle
- Distinct laser scale
- Quick release reversible ratchet
- Accuracy ±3% complies to all International Standards – DIN ISO 6789 and ASME B107.14M-2004



| Item Code | Square Drive | Torque Range              | Length  | Bishops Code |
|-----------|--------------|---------------------------|---------|--------------|
| 34262-1CG | ¼"           | 30–200in.lb. (4–22Nm)     | 324mm   | 63070020     |
| 34362-2CG | ⅜"           | 10–80ft.lb. (16.9–105Nm)  | 435mm   | 63070040     |
| 34462-1CG | ½"           | 20–150ft.lb. (34–197Nm)   | 521mm   | 63070092     |
| 34462-2CG | ½"           | 30–250ft.lb. (47–332Nm)   | 613mm   | 63070090     |
| 34662-1CG | ¾"           | 50–450ft.lb. (102–576Nm)  | 1,048mm | 63070160     |
| 34662-3CG | ¾"           | 150–750ft.lb. (237–983Nm) | 1,238mm | 63070180     |
| 34862-1CG | 1"           | 150–750ft.lb. (237–983Nm) | 1,238mm | 63070200     |

## ½" SQUARE DRIVE PROFESSIONAL ADJUSTABLE TORQUE WRENCH

- Dual scale
- English and Kilogram-force Centimetre/Kilogram-force meter (in.lb./ft.lb. and kgf.cm/kgf.m)
- Torque range: 10–150 ft.lb. (1.4–20.7kgf.m)
- Tolerance of torque: ±4%
- Increments: 1ft.lb. (0.14kgf.m)
- Length: 450mm
- Weight: 1.34kg
- Quality accords to DIN ISO 6789 and ASME B107.14M-2004



| Item Code | Bishops Code |
|-----------|--------------|
| 34423-1B  | 63070110     |

## ½" SQUARE DRIVE ELECTRONIC TORQUE WRENCH

- Electronic torque value readout
- CW ±2% and CCW ±3% operation
- Quality accords to DIN ISO 6789-2003 and ASME B107.28-2005
- Peak hold and track mode selectable
- Buzzer and LED indicator for presettable target torque
- Engineering units (Nm, ft.lb, in.lb, kgf.cm, kgf.m) selectable
- Auto shut-off after about 80 seconds
- Length: 530mm
- Weight: 1.5kg
- Torque range:**
  - 40–200 Nm
  - 29.5–147.5 ft.lb
  - 354–1,770 in.lb.
  - 408–2,038 kgf.cm
  - 4.08–20.38 kgf.m



| Item Code | Bishops Code |
|-----------|--------------|
| 34467-1AG | 63070094     |



## ¾" SQUARE DRIVE ELECTRONIC TORQUE WRENCH

- Electronic torque value readout
- CW ±2% and CCW ±3% operation
- Quality accords to DIN ISO 6789-2003 and ASME B107.28-2005
- Peak hold and track mode selectable
- Buzzer and LED indicator for presettable target torque
- Engineering units (Nm, ft.lb, in.lb, kgf.cm, kgf.m) selectable
- Auto shut-off after about 80 seconds
- Length: 460mm
- Weight: 1.4kg
- Torque range:**
  - 27–135 Nm
  - 19.9–99.6 ft.lb
  - 239–1,195 in.lb.
  - 275–1,376 kgf.cm
  - 2.75–13.76 kgf.m



| Item Code | Bishops Code |
|-----------|--------------|
| 34367-2AG | 63070044     |



## 11 PIECE INTERCHANGEABLE TORQUE WRENCH SET – METRIC

- Weight: 4kg
- Includes:**
  - 9 x Open ended insert tools – 13, 14, 15, 17, 19, 22, 24, 27 & 30mm
  - 1 x Ratchet insert tool
  - 1 x Industry quality interchangeable 14 x 18mm torque wrench (English)



| Item Code   | Bishops Code |
|-------------|--------------|
| 345203E11MR | 63070310     |



## TORQUE MULTIPLIER

- Torque multiplication with 1:5 accuracy guaranteed better than ±5%
- Reaction bar supplied in two styles for maximum versatility
- Minimal maintenance and extended life
- Supplied in convenient carry case
- Ratio: 1:5
- Input square: ¾"
- Output square: 1"
- Max. input torque: 540Nm (400lbf.ft)
- Max. output torque: 2,700Nm (2,000lbf.ft)
- Weight: 7.4kg



| Item Code | Bishops Code |
|-----------|--------------|
| 34688     | 63070925     |







# SPEED RATCHET, RING & COMBINATION SPANNER SETS

HAND & CUTTING TOOLS

## 7 PIECE SPEED RATCHET SET – METRIC



- Weight: 0.91kg
- Includes:**
- Sizes: 10, 11, 12, 14, 15, 17 & 19mm



| Item Code | Bishops Code |
|-----------|--------------|
| 12107MR   | 61082305     |

## 14 PIECE SPEED RATCHET SET – METRIC



- Weight: 2.5kg
- Includes:**
- Sizes: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22 & 24mm



| Item Code | Bishops Code |
|-----------|--------------|
| 12114MR   | 61082306     |

## 6 PIECE OFFSET RING SPANNER SET – METRIC



- Ideal for crowded or tight spaces
- Ultra-compact ring head
- Chrome vanadium steel
- Chrome plated
- Metric size - DIN 3113
- Includes:**
- Sizes: 10 x 11, 12 x 14, 13 x 15, 16 x 18, 17 x 19 & 22 x 24mm



| Item Code | Bishops Code |
|-----------|--------------|
| 1F06MRN   | 61090310     |

## 8 PIECE 75° OFFSET RING SPANNER SET – METRIC



- Weight: 1.43kg
- Includes:**
- Sizes: 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19 & 21 x 23mm



| Item Code | Bishops Code |
|-----------|--------------|
| 1708MR    | 61090308     |

## 12 PIECE 75° OFFSET RING SPANNER SET – METRIC



- 75° Offset
- Chrome vanadium alloy steel
- Comes in canvas tool roll
- DIN 837
- Includes:**
- Sizes: 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 26, 25 x 28 & 30 x 32mm



| Item Code | Bishops Code |
|-----------|--------------|
| 1712MR    | 61090400     |

## 5 PIECE COMBINATION SPANNER SET – METRIC

- Material: chrome vanadium steel
- Chrome plated, mirror polished
- Heat treated and fully polished
- Double dipped grip handle for comfort
- Includes:**
- Sizes: 6, 8, 10, 12 & 15mm



| Item Code | Bishops Code |
|-----------|--------------|
| W003308   | 63521166     |

## 6 PIECE COMBINATION SPANNER SET – METRIC

- Chrome-vanadium steel
- Open end and ring end spanners
- Includes:**
- Sizes: 8, 10, 12, 14, 16 & 18mm



| Item Code | Bishops Code |
|-----------|--------------|
| W003304   | 63521160     |

## 7 PIECE COMBINATION SPANNER SET – METRIC



- Weight: 0.6kg
- Includes:**
- Sizes: 10, 11, 12, 13, 14, 17 & 19mm



| Item Code | Bishops Code |
|-----------|--------------|
| 1207MR    | 61082307     |

**7 PIECE COMBINATION SPANNER SET – IMPERIAL**



- Weight: 0.6kg
- Includes:
- Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16" & 3/4"



| Item Code | Bishops Code |
|-----------|--------------|
| 1207SR    | 61082107     |

**14 PIECE COMBINATION SPANNER SET – METRIC**



- European slimline type
- 15° open ended angle
- 15° ring end offset from shaft
- Chrome vanadium alloy steel and chrome plated
- Comes in canvas tool roll
- Includes:
- Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 & 19mm



| Item Code | Bishops Code |
|-----------|--------------|
| 1214MRN05 | 61082312     |

**11 PIECE COMBINATION SPANNER SET – METRIC**



- Weight: 1.4kg
- Includes:
- Sizes: 8, 9, 10, 11, 12, 13, 14, 17, 19, 22 & 24mm



| Item Code | Bishops Code |
|-----------|--------------|
| 1211MR    | 61082311     |

**14 PIECE COMBINATION SPANNER SET – IMPERIAL**



- Weight: 2.7kg
- Includes:
- Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/8" & 1 1/4"



| Item Code | Bishops Code |
|-----------|--------------|
| 1214SR    | 61082114     |

**11 PIECE COMBINATION SPANNER SET – IMPERIAL**



- Weight: 1.4kg
- Includes:
- Sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 11/16", 3/4", 13/16", 7/8" & 15/16"



| Item Code | Bishops Code |
|-----------|--------------|
| 1211SR    | 61082111     |

**15 PIECE COMBINATION SPANNER SET – METRIC**



- Weight: 1.63kg
- Includes:
- Sizes: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22 & 24mm



| Item Code | Bishops Code |
|-----------|--------------|
| 1215MR    | 61082315     |

**14 PIECE COMBINATION SPANNER SET – METRIC**



- Weight: 2.7kg
- Includes:
- Sizes: 10, 11, 12, 13, 14, 16, 17, 19, 21, 22, 24, 27, 30 & 32mm



| Item Code | Bishops Code |
|-----------|--------------|
| 1214MR    | 61082314     |

**18 PIECE COMBINATION SPANNER SET – METRIC**



- Weight: 2.5kg
- Includes:
- Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 & 24mm



| Item Code | Bishops Code |
|-----------|--------------|
| 1218MRN   | 61082318     |



# COMBINATION, OPEN END & FLARE NUT SPANNER SETS

HAND & CUTTING TOOLS

## 26 PIECE COMBINATION SPANNER SET – METRIC



- Chrome vanadium alloy steel
- Satin finish
- Comes in canvas tool roll

**Includes:**

- Sizes: 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 & 32mm



| Item Code | Bishops Code |
|-----------|--------------|
| 1226MR    | 61082326     |

## 8 PIECE OPEN END SPANNER SET – METRIC



- Weight: 910kg

**Includes:**

- Sizes: 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19 & 20 x 22mm



| Item Code | Bishops Code |
|-----------|--------------|
| 1108MR    | 61086308     |

## 8 PIECE OPEN ENDED SPANNER SET – IMPERIAL



- Weight: 910g

**Includes:**

- Sizes: 1/4 x 5/16", 5/16 x 3/8", 3/8 x 7/16", 7/16 x 1/2", 9/16 x 5/8", 5/8 x 11/16", 11/16 x 3/4" & 13/16 x 7/8"



| Item Code | Bishops Code |
|-----------|--------------|
| 1108SR    | 61086108     |

## 9 PIECE OPEN-END SPANNER SET – METRIC

- Material: chrome vanadium steel
- Chrome plated, mirror polished

**Includes:**

- Sizes: 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 23mm



| Item Code | Bishops Code |
|-----------|--------------|
| W003306   | 63521163     |

## 12 PIECE OPEN END SPANNER SET – METRIC



- Weight: 2.35kg

**Includes:**

- Sizes: 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, 25 x 28 & 30 x 32mm



| Item Code | Bishops Code |
|-----------|--------------|
| 1112MR    | 61086312     |

## 12 PIECE OPEN END SPANNER SET – IMPERIAL



- Weight: 2.35kg

**Includes:**

- Sizes: 1/4 x 5/16", 5/16 x 3/8", 3/8 x 7/16", 7/16 x 1/2", 9/16 x 5/8", 5/8 x 11/16", 11/16 x 3/4", 13/16 x 7/8", 15/16 x 1", 15/16 x 1 1/16", 1 x 1 1/8" & 1 1/8 x 1 1/4"



| Item Code | Bishops Code |
|-----------|--------------|
| 1112SR    | 61086112     |

## 6 PIECE FLARE NUT SPANNER SETS – METRIC & IMPERIAL



- 6 points
- 12° ring offset
- Chrome vanadium alloy steel
- Chrome plated
- DIN 3118



| Item Code | Includes                                                                            | Weight | Bishops Code |
|-----------|-------------------------------------------------------------------------------------|--------|--------------|
| 1306SR    | 5/16" x 3/8", 3/8" x 7/16", 1/2" x 9/16", 9/16" x 5/8", 11/16" x 3/4" & 3/4" x 7/8" | 0.86kg | 61094004     |
| 1306MR    | 8 x 10mm, 10 x 12mm, 11 x 13mm, 12 x 14mm, 17 x 19mm & 19 x 22mm                    | 0.90kg | 61094008     |



**OPEN-ENDED & RATCHET RING SPANNERS – METRIC**



- Polished with chrome finish
- 5° gear action (72 teeth)



| Item Code | Size | Length | Weight | Bishops Code |
|-----------|------|--------|--------|--------------|
| 373108M   | 8mm  | 140mm  | 25g    | 61085080     |
| 373110M   | 10mm | 158mm  | 40g    | 61085100     |
| 373111M   | 11mm | 165mm  | 60g    | 61085110     |
| 373112M   | 12mm | 171mm  | 75g    | 61085120     |
| 373113M   | 13mm | 178mm  | 80g    | 61085130     |
| 373114M   | 14mm | 190mm  | 100g   | 61085140     |
| 373115M   | 15mm | 199mm  | 115g   | 61085150     |
| 373117M   | 17mm | 225mm  | 165g   | 61085170     |
| 373119M   | 19mm | 247mm  | 225g   | 61085190     |

**COMBINATION SPANNERS – METRIC**



- European slimline type
- 15° open ended angle
- 15° ring end offset from shaft
- Chrome vanadium alloy steel
- Chrome plated
- Metric size: DIN3113, ISO7738



| Item Code | Size | Length | Weight | Bishops Code |
|-----------|------|--------|--------|--------------|
| 1060-06   | 6mm  | 105mm  | 18g    | 61084006     |
| 1060-07   | 7mm  | 115mm  | 20g    | 61084007     |
| 1060-08   | 8mm  | 125mm  | 25g    | 61084008     |
| 1060-09   | 9mm  | 135mm  | 34g    | 61084009     |
| 1060-10   | 10mm | 145mm  | 39g    | 61084010     |
| 1060-11   | 11mm | 155mm  | 46g    | 61084011     |
| 1060-12   | 12mm | 165mm  | 56g    | 61084012     |
| 1060-13   | 13mm | 175mm  | 69g    | 61084013     |
| 1060-14   | 14mm | 185mm  | 80g    | 61084014     |
| 1060-15   | 15mm | 195mm  | 93g    | 61084015     |
| 1060-16   | 16mm | 205mm  | 111g   | 61084016     |
| 1060-17   | 17mm | 215mm  | 119g   | 61084017     |
| 1060-18   | 18mm | 225mm  | 138g   | 61084018     |
| 1060-19   | 19mm | 235mm  | 158g   | 61084019     |
| 1060-20   | 20mm | 245mm  | 182g   | 61084020     |
| 1060-21   | 21mm | 255mm  | 203g   | 61084021     |
| 1060-22   | 22mm | 265mm  | 225g   | 61084022     |
| 1060-23   | 23mm | 275mm  | 251g   | 61084023     |
| 1060-24   | 24mm | 285mm  | 287g   | 61084024     |
| 1060-25   | 25mm | 295mm  | 326g   | 61084025     |
| 1060-26   | 26mm | 305mm  | 344g   | 61084026     |
| 1060-27   | 27mm | 315mm  | 371g   | 61084027     |
| 1060-28   | 28mm | 325mm  | 387g   | 61084028     |
| 1060-29   | 29mm | 335mm  | 456g   | 61084029     |
| 1060-30   | 30mm | 345mm  | 514g   | 61084030     |
| 1060-32   | 32mm | 365mm  | 557g   | 61084032     |

**GET MORE AT BISHOPS**

**SAFETY STEPS**

Page 359



**THREAD LOCKERS**

Page 468

**HEX NUTS**

Page 283



**JUMBO TYPE COMBINATION SPANNERS – METRIC**



- 15° open ended angle
- 15° ring end offset from shaft
- Medium carbon steel
- Polished, chrome plated
- Metric size: DIN3113, ISO7738



| Item Code | Size | Length | Weight  | Bishops Code |
|-----------|------|--------|---------|--------------|
| 1071-33   | 33mm | 420mm  | 0.765kg | 61084033     |
| 1071-34   | 34mm | 420mm  | 0.745kg | 61084034     |
| 1071-35   | 35mm | 430mm  | 0.960kg | 61084035     |
| 1071-36   | 36mm | 430mm  | 0.960kg | 61084036     |
| 1071-38   | 38mm | 455mm  | 1.15kg  | 61084038     |
| 1071-41   | 41mm | 495mm  | 1.40kg  | 61084041     |
| 1071-42   | 42mm | 495mm  | 1.39kg  | 61084042     |
| 1071-44   | 44mm | 500mm  | 1.47kg  | 61084044     |
| 1071-46   | 46mm | 500mm  | 1.51kg  | 61084046     |
| 1071-48   | 48mm | 565mm  | 2.55kg  | 61084048     |
| 1071-50   | 50mm | 565mm  | 2.55kg  | 61084050     |



# COMBINATION, OPEN END & OFFSET RING SPANNERS

HAND & CUTTING TOOLS

## COMBINATION SPANNERS – IMPERIAL

- European slimline type
- 15° open ended angle
- 15° ring end offset from shaft
- Chrome vanadium alloy steel
- Chrome plated
- Imperial size: ANSI/ASME B107.6



| Item Code | Size                | Length | Weight | Bishops Code |
|-----------|---------------------|--------|--------|--------------|
| 5060-08   | ¼"                  | 105mm  | 18g    | 61083025     |
| 5060-10   | ⅝ <sub>16</sub> "   | 125mm  | 25g    | 61083031     |
| 5060-12   | ⅜"                  | 145mm  | 39g    | 61083037     |
| 5060-14   | 7 <sub>16</sub> "   | 155mm  | 46g    | 61083043     |
| 5060-16   | ½"                  | 175mm  | 69g    | 61083050     |
| 5060-18   | 9 <sub>16</sub> "   | 185mm  | 80g    | 61083056     |
| 5060-20   | ⅝"                  | 205mm  | 111g   | 61083062     |
| 5060-22   | 11 <sub>16</sub> "  | 215mm  | 119g   | 61083068     |
| 5060-24   | ¾"                  | 235mm  | 158g   | 61083075     |
| 5060-26   | 13 <sub>16</sub> "  | 255mm  | 203g   | 61083081     |
| 5060-28   | 7 <sub>8</sub> "    | 265mm  | 220g   | 61083087     |
| 5060-30   | 15 <sub>16</sub> "  | 285mm  | 287g   | 61083093     |
| 5060-32   | 1"                  | 295mm  | 326g   | 61083100     |
| 5060-34   | 1 1 <sub>16</sub> " | 315mm  | 371g   | 61083106     |
| 5060-36   | 1 ⅜"                | 335mm  | 456g   | 61083112     |
| 5060-40   | 1 ¼"                | 365mm  | 557g   | 61083125     |

## JUMBO TYPE COMBINATION SPANNERS – IMPERIAL

- 15° open ended angle
- 15° ring end offset from shaft
- Medium carbon steel
- Polished, chrome plated
- Imperial size: ANSI/ASME B107.6



| Item Code | Size                 | Length | Weight | Bishops Code |
|-----------|----------------------|--------|--------|--------------|
| 5071-42   | 1 5 <sub>16</sub> "  | 415mm  | 0.76kg | 61083131     |
| 5071-44   | 1 ⅜"                 | 425mm  | 0.97kg | 61083137     |
| 5071-46   | 1 7 <sub>16</sub> "  | 425mm  | 0.95kg | 61083143     |
| 5071-48   | 1 ½"                 | 455mm  | 1.15kg | 61083150     |
| 5071-50   | 1 9 <sub>16</sub> "  | 500mm  | 1.54kg | 61083156     |
| 5071-52   | 1 ⅝"                 | 500mm  | 1.40kg | 61083162     |
| 5071-54   | 1 11 <sub>16</sub> " | 500mm  | 1.43kg | 61083168     |
| 5071-56   | 1 ¾"                 | 500mm  | 1.41kg | 61083175     |
| 5071-58   | 1 15 <sub>16</sub> " | 500mm  | 1.47kg | 61083181     |
| 5071-60   | 1 ⅞"                 | 560mm  | 2.54kg | 61083187     |
| 5071-62   | 1 15 <sub>16</sub> " | 560mm  | 2.55kg | 61083193     |
| 5071-64   | 2"                   | 560mm  | 2.54kg | 61083200     |



## OPEN END SPANNERS – METRIC

- European slimline type
- 15° open ended angle
- Chrome vanadium alloy steel
- Chrome plated
- Metric size: DIN3110



| Item Code | Size      | Length  | Weight | Bishops Code |
|-----------|-----------|---------|--------|--------------|
| 19000607  | 6 x 7mm   | 123mm   | 28g    | 61088006     |
| 19000809  | 8 x 9mm   | 140mm   | 39g    | 61088008     |
| 19001011  | 10 x 11mm | 156mm   | 65g    | 61088010     |
| 19001213  | 12 x 13mm | 172mm   | 86g    | 61088012     |
| 19001415  | 14 x 15mm | 188.5mm | 114g   | 61088014     |
| 19001617  | 16 x 17mm | 204mm   | 146g   | 61088016     |
| 19001819  | 18 x 19mm | 221mm   | 178g   | 61088018     |
| 19002022  | 20 x 22mm | 237mm   | 210g   | 61088020     |
| 19002123  | 21 x 23mm | 247mm   | 258g   | 61088021     |
| 19002427  | 24 x 27mm | 263mm   | 326g   | 61088023     |
| 19002426  | 24 x 26mm | 263mm   | 281g   | 61088024     |
| 19002528  | 25 x 28mm | 279mm   | 373g   | 61088025     |
| 19002730  | 27 x 30mm | 298mm   | 458g   | 61088027     |
| 19003032  | 30 x 32mm | 298mm   | 481g   | 61088030     |

## OPEN END SPANNERS – IMPERIAL

- European slimline type
- 15° open ended angle
- Chrome vanadium alloy steel
- Chrome plated
- Imperial size: ANSI/ASME B107.6



| Item Code | Size                                     | Length  | Weight | Bishops Code |
|-----------|------------------------------------------|---------|--------|--------------|
| 59000810  | ¼" x 5 <sub>16</sub> "                   | 123mm   | 28g    | 61087025     |
| 59001012  | 5 <sub>16</sub> " x ⅜"                   | 140mm   | 39g    | 61087031     |
| 59001214  | ⅜" x 7 <sub>16</sub> "                   | 156mm   | 65g    | 61087037     |
| 59001416  | 7 <sub>16</sub> " x ½"                   | 172mm   | 78g    | 61087043     |
| 59001820  | 9 <sub>16</sub> " x ⅝"                   | 188.5mm | 114g   | 61087056     |
| 59002022  | ⅝" x 11 <sub>16</sub> "                  | 204mm   | 146g   | 61087062     |
| 59002224  | 11 <sub>16</sub> " x ¾"                  | 221mm   | 177g   | 61087068     |
| 59002628  | 13 <sub>16</sub> " x ⅞"                  | 237mm   | 210g   | 61087081     |
| 59003032  | 15 <sub>16</sub> " x 1"                  | 247mm   | 258g   | 61087090     |
| 59003034  | 15 <sub>16</sub> " x 1 1 <sub>16</sub> " | 263mm   | 281g   | 61087093     |
| 59003236  | 1" x 1 ⅜"                                | 279mm   | 373g   | 61087100     |
| 59003640  | 1 ⅝" x 1 ¼"                              | 298mm   | 481g   | 61087112     |

## 0° OFFSET RING SPANNERS – METRIC

- Ideal for crowded or tight spaces
- Ultra-compact ring head
- Chrome vanadium steel
- Chrome plated
- Metric size: DIN 3113



| Item Code | Size      | D1     | D2     | Length | Weight | Bishops Code |
|-----------|-----------|--------|--------|--------|--------|--------------|
| 19B01214  | 12 x 14mm | 17.8mm | 20.3mm | 20.3mm | 157g   | 61092052     |
| 19B01315  | 13 x 15mm | 20.2mm | 23.3mm | 23.3mm | 217g   | 61092054     |
| 19B01417  | 14 x 17mm | 20.2mm | 23.3mm | 23.3mm | 217g   | 61092056     |
| 19B01618  | 16 x 18mm | 23.7mm | 26.6mm | 26.6mm | 284g   | 61092058     |
| 19B01719  | 17 x 19mm | 23.7mm | 26.6mm | 26.6mm | 284g   | 61092060     |
| 19B01921  | 19 x 21mm | 27.5mm | 29.7mm | 29.7mm | 376g   | 61092062     |



## 75° OFFSET RING SPANNERS – METRIC

- European slimline type
- Thin wall rings
- Chrome vanadium alloy steel
- Chrome plated
- Metric size: DIN 838
- Imperial size: ANSI/ASME B107.6



| Item Code | Size      | Length  | Weight | Bishops Code |
|-----------|-----------|---------|--------|--------------|
| 19700607  | 6 x 7mm   | 168mm   | 43g    | 61092002     |
| 19700809  | 8 x 9mm   | 183mm   | 62g    | 61092004     |
| 19700810  | 8 x 10mm  | 183mm   | 62g    | 61092006     |
| 19701011  | 10 x 11mm | 198mm   | 88g    | 61092008     |
| 19701012  | 10 x 12mm | 198mm   | 131g   | 61092010     |
| 19701213  | 12 x 13mm | 217mm   | 131g   | 61092011     |
| 19701214  | 12 x 14mm | 217mm   | 152g   | 61092012     |
| 19701415  | 14 x 15mm | 239mm   | 186g   | 61092013     |
| 19701417  | 14 x 17mm | 260mm   | 189g   | 61092014     |
| 19701617  | 16 x 17mm | 260mm   | 240g   | 61092016     |
| 19701719  | 17 x 19mm | 292mm   | 240g   | 61092017     |
| 19701819  | 18 x 19mm | 292mm   | 330g   | 61092018     |
| 19701921  | 19 x 21mm | 318mm   | 330g   | 61092019     |
| 19702022  | 20 x 22mm | 318mm   | 330g   | 61092020     |
| 19702123  | 21 x 23mm | 326.5mm | 362g   | 61092021     |
| 19702326  | 23 x 26mm | 344mm   | 436g   | 61092022     |
| 19702426  | 24 x 26mm | 329mm   | 436g   | 61092023     |
| 19702427  | 24 x 27mm | 329mm   | 436g   | 61092027     |
| 19703032  | 30 x 32mm | 362mm   | 600g   | 61092032     |

## 75° OFFSET RING SPANNERS – IMPERIAL

- European slimline type
- Thin wall rings
- Chrome vanadium alloy steel
- Chrome plated
- Imperial size: ANSI/ASME B107.6



| Item Code | Size            | Length | Weight | Bishops Code |
|-----------|-----------------|--------|--------|--------------|
| 59700810  | ¼" x 5/16"      | 168mm  | 43g    | 61091025     |
| 59701214  | ¾" x 7/16"      | 198mm  | 88g    | 61091037     |
| 59701416  | 7/16" x ½"      | 217mm  | 131g   | 61091043     |
| 59701618  | ½" x 9/16"      | 217mm  | 134g   | 61091050     |
| 59701820  | 9/16" x 5/8"    | 260mm  | 152g   | 61091056     |
| 59702022  | 5/8" x 11/16"   | 260mm  | 189g   | 61091062     |
| 59702224  | 11/16" x ¾"     | 292mm  | 240g   | 61091068     |
| 59702428  | ¾" x 7/8"       | 318mm  | 330g   | 61091075     |
| 59703032  | 15/16" x 1"     | 329mm  | 436g   | 61091093     |
| 59703436  | 1 1/8" x 1 1/8" | 347mm  | 488g   | 61091106     |

## FLARE NUT SPANNERS – METRIC

- 6 point
- 12° ring offset
- Chrome vanadium alloy steel
- Chrome plated
- DIN 3118



| Item Code | Size      | Length | Weight | Bishops Code |
|-----------|-----------|--------|--------|--------------|
| 19300810  | 8 x 10mm  | 130mm  | 53g    | 61094010     |
| 19301011  | 10 x 11mm | 150mm  | 78g    | 61094011     |
| 19301012  | 10 x 12mm | 150mm  | 74g    | 61094012     |
| 19301113  | 11 x 13mm | 170mm  | 106g   | 61094013     |
| 19301214  | 12 x 14mm | 170mm  | 102g   | 61094014     |
| 19301417  | 14 x 17mm | 190mm  | 132g   | 61094017     |

## FLARE NUT SPANNERS – IMPERIAL

- 6 point
- 12° ring offset
- Chrome vanadium alloy steel
- Chrome plated
- DIN 3118



| Item Code | Size         | Length | Weight | Bishops Code |
|-----------|--------------|--------|--------|--------------|
| 59301012  | 5/16" x 3/8" | 130mm  | 53g    | 61094510     |
| 59301214  | 3/8" x 7/16" | 150mm  | 78g    | 61094520     |
| 59301618  | ½" x 9/16"   | 170mm  | 102g   | 61094530     |
| 59301820  | 9/16" x 5/8" | 190mm  | 132g   | 61094540     |
| 59302224  | 11/16" x ¾"  | 210mm  | 170g   | 61094550     |
| 59302428  | ¾" x 7/8"    | 230mm  | 218g   | 61094560     |

## FLAT RING SLOGGING SPANNERS – METRIC

- Powder coated matte black
- Hardness 34-40HRC for sizes 24–46mm
- Hardness 30-36HRC for sizes 50–90mm



| Item Code | Size | Length | Weight  | Bishops Code |
|-----------|------|--------|---------|--------------|
| 10B0-27   | 27mm | 180mm  | 247g    | 61095010     |
| 10B0-30   | 30mm | 190mm  | 354g    | 61095015     |
| 10B0-32   | 32mm | 190mm  | 404g    | 61095020     |
| 10B0-36   | 36mm | 205mm  | 499g    | 61095030     |
| 10B0-41   | 41mm | 230mm  | 658g    | 61095040     |
| 10B0-46   | 46mm | 240mm  | 886g    | 61095046     |
| 10B0-50   | 50mm | 253mm  | 1.125kg | 61095050     |
| 10B0-55   | 55mm | 265mm  | 1.33kg  | 61095055     |
| 10B0-60   | 60mm | 280mm  | 1.245kg | 61095060     |
| 10B0-65   | 65mm | 298mm  | 1.875kg | 61095065     |
| 10B0-70   | 70mm | 330mm  | 2.965kg | 61095070     |
| 10B0-75   | 75mm | 330mm  | 2.735kg | 61095075     |
| 10B0-80   | 80mm | 345mm  | 3.675kg | 61095080     |
| 10B0-85   | 85mm | 345mm  | 3.71kg  | 61095085     |

## FLAT RING SLOGGING SPANNERS – IMPERIAL

- Powder coated matte black
- Hardness 34-40HRC for sizes 24–46mm
- Hardness 30-36HRC for sizes 50–90mm



| Length | ID       | Bishops Code |
|--------|----------|--------------|
| 230mm  | 1½"      | 61095238     |
| 230mm  | 1¾"      | 61095240     |
| 225mm  | 1"       | 61095241     |
| 235mm  | 1 15/16" | 61095246     |





# ADJUSTABLE & PIPE WRENCHES

## ADJUSTABLE WRENCHES

- Chrome plated steel



| Item Code | Jaw Capacity | Length      | Bishops Code |
|-----------|--------------|-------------|--------------|
| W072001   | 20mm         | 160mm (6")  | 63521142     |
| W072002   | 25mm         | 200mm (8")  | 63521145     |
| W072003   | 30mm         | 250mm (10") | 63521148     |
| W072004   | 35mm         | 300mm (12") | 63521151     |
| W072005   | 43mm         | 375mm (15") | 63521155     |

## ADJUSTABLE WRENCHES

- Chrome vanadium steel
- Polish, chrome plated
- Japanese type
- DIN 3117



3611-10R



3611-18HR

| Item Code | Jaw Capacity | Length | Weight | Bishops Code |
|-----------|--------------|--------|--------|--------------|
| 3611-06R  | 20mm         | 150mm  | 125g   | 61080106     |
| 3611-08R  | 25mm         | 200mm  | 226g   | 61080108     |
| 3611-10R  | 30mm         | 250mm  | 430g   | 61080110     |
| 3611-12R  | 35mm         | 300mm  | 680g   | 61080112     |
| 3611-15HR | 43mm         | 375mm  | 1.48kg | 61080115     |
| 3611-18HR | 52mm         | 450mm  | 1.75kg | 61080118     |
| 3611-24HR | 62mm         | 600mm  | 3.34kg | 61080124     |

## ADJUSTABLE WRENCHES

- Chrome vanadium steel
- Phosphate finish
- Japanese type
- DIN 3117



3611-10P



3611-18HP

| Item Code | Max. Opening | Length | Weight  | Bishops Code |
|-----------|--------------|--------|---------|--------------|
| 3611-06P  | 20mm         | 150mm  | 0.125kg | 61080506     |
| 3611-08P  | 25mm         | 200mm  | 0.226kg | 61080508     |
| 3611-10P  | 30mm         | 250mm  | 0.430kg | 61080510     |
| 3611-12P  | 35mm         | 300mm  | 0.680kg | 61080512     |
| 3611-15HP | 43mm         | 375mm  | 1.485kg | 61080515     |
| 3611-18HP | 52mm         | 450mm  | 1.750kg | 61080518     |

## ALUMINIUM PIPE WRENCHES



- Lightweight cast aluminium alloy
- Replaceable jaws C-60
- Titalium finish for better protection
- UNE-16554 type A, GGG-W-651 E type II, Class C US fed specs



| Item Code | Length  | Minimum Bending Force | Weight | Bishops Code |
|-----------|---------|-----------------------|--------|--------------|
| 61044     | 250mm   | 881Nm                 | 0.5kg  | 64080710     |
| 61023     | 300mm   | 1,035Nm               | 0.78kg | 64080712     |
| 61024     | 350mm   | 1,689Nm               | 0.95kg | 64080714     |
| 61025     | 450mm   | 2,644Nm               | 1.64kg | 64080718     |
| 61026     | 600mm   | 3,672Nm               | 2.57kg | 64080724     |
| 61027     | 900mm   | 5,949Nm               | 4.96kg | 64080736     |
| 61028     | 1,200mm | 6,830Nm               | 7.49kg | 64080748     |

## ALUMINIUM PIPE WRENCHES



- Lightweight aluminium
- Professional strength
- Heavy duty
- Durable and easy to use



| Item Code | Description | Length        | Pipe Capacity | Weight         | Bishops Code |
|-----------|-------------|---------------|---------------|----------------|--------------|
| 31090     | Model 810   | 250mm (10")   | 40mm (1½")    | 0.4kg (0.8lb)  | 64080813     |
| 47057     | Model 812   | 300mm (12")   | 50mm (2")     | 1.1kg (2.4lb)  | 64080815     |
| 31095     | Model 814   | 350mm (14")   | 50mm (2")     | 1.1kg (2.4lb)  | 64080814     |
| 31100     | Model 818   | 450mm (18")   | 65mm (2½")    | 1.7kg (3.7lb)  | 64080818     |
| 31105     | Model 824   | 600mm (24")   | 80mm (3")     | 2.7kg (5.9lb)  | 64080824     |
| 31110     | Model 836   | 900mm (36")   | 125mm (5")    | 5kg (11lb)     | 64080836     |
| 31115     | Model 848   | 1,200mm (48") | 150mm (6")    | 8.4kg (18.5lb) | 64080848     |

## HEAVY DUTY PIPE WRENCHES



- Sturdy cast iron housing
- I-beam handle with forged hook jaw
- Self-cleaning threads
- Replaceable hook and heel jaws



| Item Code | Description | Length        | Pipe Capacity | Weight           | Bishops Code |
|-----------|-------------|---------------|---------------|------------------|--------------|
| 31005     | Model 8     | 200mm (8")    | 25mm (1")     | 0.3kg (0.75lb)   | 64080804     |
| 31010     | Model 10    | 250mm (10")   | 40mm (1½")    | 0.8kg (1.75lb)   | 64080805     |
| 31015     | Model 12    | 300mm (12")   | 50mm (2")     | 1.2kg (2.75lb)   | 64080806     |
| 31020     | Model 14    | 350mm (14")   | 50mm (2")     | 1.6kg (3.5lb)    | 64080807     |
| 31025     | Model 18    | 450mm (18")   | 65mm (2½")    | 2.6kg (5.75lb)   | 64080808     |
| 31030     | Model 24    | 600mm (24")   | 80mm (3")     | 4.4kg (9.75lb)   | 64080809     |
| 31035     | Model 36    | 900mm (36")   | 125mm (5")    | 8.7kg (19lb)     | 64080810     |
| 31040     | Model 48    | 1,200mm (48") | 150mm (6")    | 15.6kg (34.25lb) | 64080811     |
| 31045     | Model 60    | 1,500mm (60") | 200mm (8")    | 23.3kg (51.25lb) | 64080812     |

### PIPE WRENCHES

- Professional stillson type
- High quality steel



| Item Code | Capacity | Length  | Weight | Bishops Code |
|-----------|----------|---------|--------|--------------|
| 6531-10   | 32mm     | 250mm   | 0.60kg | 64080607     |
| 6531-12   | 40mm     | 300mm   | 0.78kg | 64080612     |
| 6531-14   | 48mm     | 355mm   | 1.05kg | 64080614     |
| 6531-18   | 60mm     | 450mm   | 1.72kg | 64080618     |
| 6531-24   | 75mm     | 600mm   | 3.15kg | 64080624     |
| 6531-36   | 100mm    | 900mm   | 6.28kg | 64080636     |
| 6531-48   | 140mm    | 1,200mm | 9.75kg | 64080648     |

### CHAIN TONGS



| Item Code | Pipe Capacity | Handle Length | Bishops Code |
|-----------|---------------|---------------|--------------|
| 61037     | 6"            | 900mm         | 64085200     |
| 61038     | 8"            | 1,100mm       | 64085250     |
| 61138     | 12"           | 1,300mm       | 64085255     |
| 61139     | 16"           | 1,300mm       | 64085258     |

### CHAIN WRENCH

- Drop forged steel handle and jaw
- Special steel chain
- Ideal for use in confined spaces
- The double-jaw system provides a fast, ratchet-like action in both directions
- Powder coated red handle with a black chain
- 4" capacity
- Handle hardness: 30-45HRc
- Handle teeth hardness: 50-62HRc
- Weight: 820g



| Item Code | Bishops Code |
|-----------|--------------|
| 61035     | 64081350     |



### CHAIN WRENCH

- Suitable for use on oil filters
- Capacity: 60-140mm
- Length: 225mm
- Weight: 359g



| Item Code | Bishops Code |
|-----------|--------------|
| 3204      | 62094220     |

### STRAP WRENCH

- Professional quality, lever handle with heavy duty strap
- Ideal for use on sanitary fittings, pipes, oil filters and more
- Capacity: 60-140mm
- Length: 223mm
- Weight: 242g



| Item Code | Bishops Code |
|-----------|--------------|
| 3203      | 62094120     |

### DRUM PLUG WRENCH

- Convenient tool that opens almost all types of drums
- Made from hardened and tempered aluminium for extra strength
- Compact design for easy storage
- Designed to fit onto most 2" and 3/4" drum plugs



| Item Code | Bishops Code |
|-----------|--------------|
| DRW/AL-01 | 68590010     |





## THE USUAL SUSPECTS – A LINE-UP OF THE MOST COMMON PLIERS



**1 Combination Pliers** are suitable for all applications. Gripping, cutting, twisting and pulling – these pliers handle every job.

**2 Linesman's Pliers** are very similar to combination pliers but often have additional features such as wire crimpers to suit electricians. Insulated models are available.

**3 Long Nose Pliers** have a long, lean profile and are used for detailed or precision work and squeezing into tight spaces.

**4 Safety Wire Twisting Pliers** are used to create uniform twists in wire. Primarily used to secure electrical connections but can also quickly secure fasteners.

**5 Circlip Pliers** are used for fitting circlips to bores. They come in two designs, one for internal circlips and one for external.

**6 Multi-Grip Pliers** have a sliding bottom jaw that can be locked into any number of positions and are commonly used for turning and holding nuts, bolts and grabbing irregular objects.

**7 Locking Pliers** feature a powerful locking and tensioning mechanism to free up both hands. Available with a wide range of jaw styles for different tasks.

**8 Insulated Pliers** come in every style. These pliers have a dielectric coating that covers the handles, reducing their ability to conduct electricity. Insulated pliers should be used whenever you are working within close proximity to live electrical circuits or energised components. Look for our lightning bolt icon to help identify these tools.

Any pliers not conforming to the above have been named specialist pliers, with a description of their purpose in the product title.

Can't find the pliers you need? Ask Bishops!

### 4 PIECE EUROPEAN TYPE PLIERS SET KING TONY

• Weight: 1.17kg

Includes:

- 1 x Combination pliers – 163mm
- 1 x Line diagonal cutting nipper – 163mm
- 1 x Line long nose pliers – 200mm
- 1 x Groove joint pliers – 253mm



Item Code  
42104GP

Bishops Code  
61008940

### 4 PIECE EUROPEAN TYPE PLIERS SET KING TONY

Includes:

- 1 x Combination pliers – 205mm
- 1 x Heavy duty diagonal cutting pliers – 200mm
- 1 x Long nose pliers – 200mm
- 1 x Groove joint pliers – 253mm



Item Code  
42124GP

Bishops Code  
61057125



7 PIECE PLIERS SET

- Drop-forged polished steel
- Hardened cutting edges
- Comfort grip
- Includes:**
- 1 x Groove joint pliers – 200mm
- 2 x Slip joint pliers – 160 & 200mm
- 1 x Linesman pliers – 180mm
- 2 x Long nose pliers – 115 & 160mm
- 1 x Diagonal pliers – 160mm



| Item Code | Bishops Code |
|-----------|--------------|
| W001306   | 63521078     |

4 PIECE 1,000V INSULATED PLIERS SET



- Polished head
- Chrome vanadium steel
- Insulated, dual density TPR handle offers superior protection grip and comfort
- Tray category #4, suitable for King Tony tool chests and trolleys
- Tray size: 375(l) x 265(w)mm
- Includes:**
- 1 x Combination pliers – 185mm
- 1 x Diagonal cutting pliers – 167mm
- 1 x Long nose pliers – 210mm
- 1 x Multi-grip box joint pliers – 250mm



| Item Code | Bishops Code |
|-----------|--------------|
| 40604GP   | 60507130     |

6 PIECE EUROPEAN TYPE CIRCLIP PLIERS SET



- Weight: 1.33kg
- Includes:**
- 2 x Angled circlip pliers – 170mm
- 2 x Straight circlip pliers – 180mm
- 2 x Straight circlip pliers – 250mm



| Item Code | Bishops Code |
|-----------|--------------|
| 42116GP   | 61008950     |

15 PIECE 10½" HEAVY DUTY CIRCLIP PLIERS SET



- Ideal for internal and external circlip removing and replacement
- Ratcheting locking action handles
- Weight: 1.3kg
- Includes:**
- 1 x Internal straight circlip pliers
- 1 x External straight circlip pliers
- 2 x 15° Internal interchangeable
- 2 x 45° Internal interchangeable
- 2 x 90° Internal interchangeable
- 2 x 15° External interchangeable
- 2 x 45° External interchangeable
- 2 x 90° External interchangeable
- 6 Piece screw (M5 x 0.8mm)



| Item Code | Bishops Code |
|-----------|--------------|
| 45115PP   | 61008955     |

MINIATURE PLIERS



- Polypropylene + thermoplastic rubber (TPR) grip handle
- Polished heads



6114-05

| Item Code | Description | Wire Cutting Capacities |        |       | Length | Weight | Bishops Code |
|-----------|-------------|-------------------------|--------|-------|--------|--------|--------------|
|           |             | Soft                    | Medium | Hard  |        |        |              |
| 6114-05   | Linesman    | 3mm                     | 2mm    | 1.6mm | 140mm  | 100g   | 61020215     |
| 6214-45   | Diagonal    | 0.6mm                   | -      | -     | 115mm  | 97g    | 61020230     |
| 6214-05   | Diagonal    | 1.25mm                  | -      | -     | 127mm  | 105g   | 61020235     |
| 6314-05   | Long Nose   | 3mm                     | 2mm    | 1.6mm | 134mm  | 105g   | 61020245     |

EUROPEAN TYPE COMBINATION PLIERS



- European type
- Polished head
- PP + TPR grip handle
- DIN ISO 5746



| Item Code | Wire Cutting Capacities |        |       |       | Length | Weight | Bishops Code |
|-----------|-------------------------|--------|-------|-------|--------|--------|--------------|
|           | Soft                    | Medium | Hard  | Piano |        |        |              |
| 6111-06   | 4mm                     | 2.8mm  | 1.8mm | 1.6mm | 163mm  | 200g   | 61010530     |
| 6111-07   | 4mm                     | 3mm    | 2mm   | 1.6mm | 188mm  | 260g   | 61010535     |
| 6111-08   | 4mm                     | 3mm    | 2mm   | 1.6mm | 213mm  | 340g   | 61010540     |

1,000V INSULATED COMBINATION PLIERS



- 1,000V rated for safety on the job
- VDE certified
- Unique, three-part insulation with white under-layer provides a warning sign that insulation may be compromised
- Multi-colour, sleek design with small thumb guards for ease of handling and easy storage on your tool belt
- Crimping die behind hinge for superior leverage when crimping non-insulated connectors, lugs and terminals, and toothed pipe-grip for greater power
- Length: 221mm



| Item Code    | Bishops Code |
|--------------|--------------|
| A-12098-EINS | 61018725     |

GET MORE AT BISHOPS



CABLE TESTERS & MULTIMETERS

From Page 369



# LINESMAN, LONG NOSE & FENCING PLIERS

HAND & CUTTING TOOLS

## LINESMAN PLIERS

- Drop-forged carbon steel
- Bi-material comfort handle



| Item Code | Length     | Bishops Code |
|-----------|------------|--------------|
| W031005   | 160mm (6") | 63521063     |
| W031006   | 200mm (8") | 63521066     |

## 1,000V INSULATED LINESMAN COMBINATION PLIERS



- Chrome vanadium steel
- Polished head
- Insulated, dual density TPR handle offers superior protection grip and comfort

- Heavy duty
- IEC DIN EN 60900
- Length: 200mm
- Weight: 386g

### Wire Cutting Capabilities:

- Soft: 4.0mm
- Medium: 3.0mm
- Hard: 2.0mm
- Piano: 1.6mm



| Item Code | Bishops Code |
|-----------|--------------|
| 6116-08A  | 61010545     |

## LONG NOSE PLIERS

- Drop-forged carbon steel
- Bi-material comfort handle



| Item Code | Length     | Bishops Code |
|-----------|------------|--------------|
| W031001   | 160mm (6") | 63521055     |
| W031002   | 200mm (8") | 63521057     |

## EUROPEAN TYPE LONG NOSE PLIERS



- DIN ISO 5745



| Item Code | Wire Cutting Capacities |        |       |       | Length | Weight | Bishops Code |
|-----------|-------------------------|--------|-------|-------|--------|--------|--------------|
|           | Soft                    | Medium | Hard  | Piano |        |        |              |
| 6311-06   | 4mm                     | 2.8mm  | 1.8mm | 1.6mm | 163mm  | 152g   | 61018530     |
| 6311-08   | 4mm                     | 3mm    | 2mm   | 1.6mm | 200mm  | 227g   | 61018540     |

## EUROPEAN TYPE BENT NOSE PLIERS



- Polypropylene (PP) + thermoplastic rubber (TPR) grip handle
- DIN ISO 5745



| Item Code | Wire Cutting Capacities |        |       |       | Length | Weight | Bishops Code |
|-----------|-------------------------|--------|-------|-------|--------|--------|--------------|
|           | Soft                    | Medium | Hard  | Piano |        |        |              |
| 6331-06   | 4mm                     | 2.8mm  | 1.8mm | 1.6mm | 163mm  | 148g   | 61018630     |
| 6331-08   | 4mm                     | 3mm    | 2mm   | 1.6mm | 200mm  | 218g   | 61018640     |

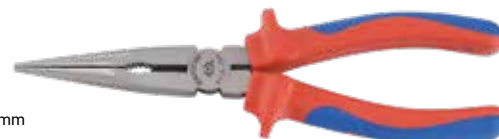
## 1,000V INSULATED LONG NOSE PLIERS



- TPR grip handle
- Polished head
- Chrome vanadium steel
- IEC DIN EN 60900
- Length: 210mm
- Weight: 250g

### Cutting Capacities:

- Soft wire: 4mm
- Medium hard wire: 3mm
- Hard wire: 2mm
- Piano wire: 1.6mm



| Item Code | Bishops Code |
|-----------|--------------|
| 6318-08A  | 61018680     |

## EXTRA LONG NOSE PLIERS



- Slim jaws design for gripping components in recessed areas
- PVC handle grip
- Length: 280mm



| Item Code | Bishops Code |
|-----------|--------------|
| 6319-11C  | 60518056     |

## PARROT BEAK FENCING PLIERS



- Multi-function pliers
- Made from high quality chrome vanadium steel
- Designed for heavy-duty use
- Extra long handles for better leverage
- Black anti-rust phosphate surfaces
- Length: 280mm

### Features include:

- Pliers for stretching and twisting wire
- Wire cutters for cutting fence wire and components
- Hammer face for striking nails
- Staple holder and puller for simple staple insertion and removal
- Crimping jaws for splicing wire



| Item Code |
|-----------|
| 7FP       |

SPECIAL ORDER: PLEASE QUOTE ITEM CODE UPON ORDERING THIS PRODUCT

## EUROPEAN TYPE CIRCLIP PLIERS



- Internal and external
- Straight and angled pattern
- DIN 5254 and DIN 5256



| Item Code | Description         | Tip   | Capacity | Length | Weight | Bishops Code |
|-----------|---------------------|-------|----------|--------|--------|--------------|
| 68HS-07   | Straight – Internal | 1.8mm | 19–60mm  | 180mm  | 130g   | 61008020     |
| 68SS-07   | Straight – External | 1.8mm | 19–60mm  | 180mm  | 130g   | 61008320     |
| 68HS-10   | Straight – Internal | 2.3mm | 40–100mm | 250mm  | 291g   | 61008720     |
| 68SS-10   | Straight – External | 2.3mm | 40–100mm | 250mm  | 291g   | 61008820     |
| 68HB-07   | Angled – Internal   | 1.8mm | 19–60mm  | 180mm  | 130g   | 61008040     |
| 68SB-07   | Angled – External   | 1.8mm | 19–60mm  | 180mm  | 130g   | 61008340     |
| 68HB-10   | Angled – Internal   | 2.3mm | 40–100mm | 250mm  | 291g   | 61008740     |
| 68SB-10   | Angled – External   | 2.3mm | 40–100mm | 250mm  | 291g   | 61008840     |

## GROOVE JOINT PLIERS

- Pipe wrench style gripping pliers
- Undercut tongue and grooves
- Adjustable nut and joint fastener
- Bi-material comfort handle
- Length: 250mm (10")



| Item Code | Bishops Code |
|-----------|--------------|
| W031014   | 63521075     |

## GROOVE JOINT MULTI-GRIP PLIERS



- Seven opening positions
- PVC handle grip
- DIN ISO 8976



| Item Code | Jaw Capacity | Length | Weight | Bishops Code |
|-----------|--------------|--------|--------|--------------|
| 6511-10C  | 50mm         | 250mm  | 400g   | 61022450     |
| 6511-13C  | 65mm         | 325mm  | 808g   | 61022460     |
| 6511-17C  | 100mm        | 425mm  | 1.15kg | 61022470     |

## GROOVE JOINT MULTI-GRIP PLIERS



- Seven opening positions
- Dual density TPR handle offers superior grip and comfort
- German style line groove joint pliers
- Length: 253mm
- DIN ISO 8976



| Item Code | Bishops Code |
|-----------|--------------|
| 6516-10   | 61022455     |

## GROOVE JOINT MULTI-GRIP PLIERS



- Chrome vanadium steel
- User-friendly handle position
- Excellent for gripping, pressing and bonding purposes
- Quick lock
- PVC grip handle
- DIN ISO 8976
- Length: 250mm



| Item Code | Bishops Code |
|-----------|--------------|
| 6517-10C  | 61022485     |

## 1,000V INSULATED GROOVE JOINT MULTI-GRIP PLIERS



- Insulated, dual density TPR handle offers superior protection grip and comfort
- Polished head
- Chrome vanadium steel
- Length: 250mm
- IEC DIN EN 60900



| Item Code | Bishops Code |
|-----------|--------------|
| 6516-10A  | 61022480     |

## CURVED JAW LOCKING PLIERS

- Chrome-vanadium steel
- Easy locking and release
- Adjustable tension screw
- Bi-material comfort handle grip
- Length: 250mm (10")



| Item Code | Bishops Code |
|-----------|--------------|
| W031095   | 63521081     |

## LOCKING PLIERS



- Chrome vanadium alloy steel
- Chrome plated (R) or nickel plated (N)
- Adjusting screw and release lever
- ASME B107.24

6031-10N



| Item Code | Description  | Jaw Capacity | Length | Weight | Bishops Code |
|-----------|--------------|--------------|--------|--------|--------------|
| 6011-07R  | Curved Jaw   | 38mm         | 180mm  | 367g   | 61016135     |
| 6011-10R  | Curved Jaw   | 48mm         | 250mm  | 542g   | 61016150     |
| 6031-07N  | Straight Jaw | 33mm         | 180mm  | 392g   | 61016750     |
| 6031-10N  | Straight Jaw | 45mm         | 250mm  | 573g   | 61016730     |





# LOCKING PLIERS & CLAMPS

HAND & CUTTING TOOLS

## MINIATURE LONG NOSE LOCKING PLIERS



- With adjusting screw and release lever
- Jaw capacity: 51mm
- Overall length: 165mm
- Weight: 205g



| Item Code | Bishops Code |
|-----------|--------------|
| 6315-06   | 61020250     |

## CHAIN GRIP LOCKING PLIERS



- Chain can hold around any shape or size
- Convenient for awkwardly shaped pieces
- Adjusting screw and release lever
- Capacity: 60-140mm
- Overall length: 225mm
- Weight: 733g



| Item Code | Bishops Code |
|-----------|--------------|
| 6655-09   | 61016775     |

## SHEET METAL GRIP LOCKING PLIERS



- Chrome molybdenum alloy steel
- Nickel plated
- Adjusting screw and release lever
- Makes bending, forming, and crimping sheet metal easier
- Jaw capacity: 13mm
- Overall length: 206mm
- Weight: 455g



| Item Code | Bishops Code |
|-----------|--------------|
| 6605-08   | 61016770     |

## C-CLAMP LOCKING GRIP PLIERS



6615-11

| Item Code | Jaw Capacity | Length | Weight | Bishops Code |
|-----------|--------------|--------|--------|--------------|
| 6615-11   | 100mm        | 280mm  | 790g   | 61016810     |
| 6625-11   | 96mm         | 280mm  | 840g   | 61016820     |
| 6625-18   | 200mm        | 457mm  | 1.22kg | 61016825     |

## WELDING CLAMP LOCKING PLIERS



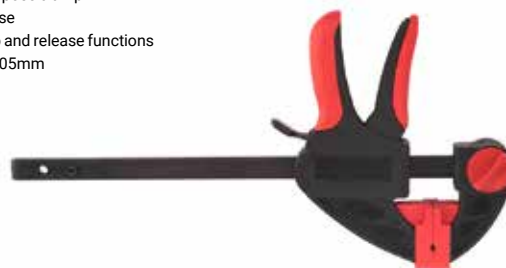
- U-shaped jaws allow enhanced visibility and more working space
- Holds work in proper alignment
- For use in welding or holding awkward shapes in place
- Jaw capacity: 43mm
- Overall length: 230mm
- Weight: 625g



| Item Code | Bishops Code |
|-----------|--------------|
| 6665-09   | 61016890     |

## UNIVERSAL BAR CLAMP

- General purpose clamp
- Simple to use
- Easy clamp and release functions
- Capacity: 305mm



| Item Code | Bishops Code |
|-----------|--------------|
| W032033   | 63521084     |

## G CLAMP – SUPER GRADE

- Corrosion resistant handle and broad swivel pad
- Cast heavy ribbed frame for strength and durability
- Corrosion resistant zinc plated sliding bar handle, swivel pad and Whitworth threaded screw

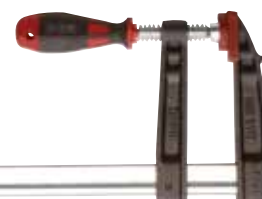


| Item Code | Jaw Opening | Throat Depth | Frame Proof Load | Bishops Code |
|-----------|-------------|--------------|------------------|--------------|
| 61152     | 75mm        | 44mm         | 455kg            | 61502015     |
| 61153     | 100mm       | 59mm         | 545kg            | 61502040     |
| 61155     | 150mm       | 75mm         | 635kg            | 61502060     |
| 61156     | 200mm       | 80mm         | 775kg            | 61502080     |
| 61157     | 250mm       | 90mm         | 1,000kg          | 61502100     |
| 61158     | 300mm       | 100mm        | 1,135kg          | 61502120     |

## QUICK ACTION CLAMPS – COMPOSITE HANDLE



- Serrations on 6 edges for maximum slip resistance
- Heavy ribbed malleable cast iron jaws
- Protective caps
- ACME thread
- Corrosion resistant zinc plated screw and bar
- Swivel pad for uneven surfaces
- Large plastic handle ergonomically designed for maximum comfort and increased clamping force
- Clamping pressure to 5,000N
- Also available in 300, 500, 800, 1,000, 1,250, 1,500 and 2,000mm versions



| Item Code | Opening Width | Depth | Bar      | Weight | Bishops Code |
|-----------|---------------|-------|----------|--------|--------------|
| 61173     | 150mm         | 80mm  | 25 x 6mm | 800g   | 61502360     |
| 61174     | 200mm         | 80mm  | 25 x 6mm | 900g   | 61502380     |
| 61175     | 250mm         | 120mm | 30 x 8mm | 1.5kg  | 61502400     |
| 61177     | 400mm         | 120mm | 30 x 8mm | 1.8kg  | 61502460     |
| 61179     | 600mm         | 120mm | 30 x 8mm | 2.2kg  | 61502500     |



# TYPES OF CLAMPS

**Spring Clamps**, also called pinch clamps, are essentially a large clothes pin. Like a clothes pin, this clamp is simply two handles joined together by a steel spring. Spring clamps are simple, yet powerful tools for everyday jobs.



**C-Clamps**, also called locking clamps, apply a point of force in a similar way to the spring clamps. The opening width is generally adjusted by turning a knurled screw. Once at the desired position, the handles are squeezed together to lock into position.



**G-Clamps** are comprised of a semicircular steel frame with a heavy-gauge threaded spindle that is wound through one end, creating a "G"-shape when opened. The spindle turns to increase and decrease the opening.



**F-Clamps** form the shape of an "F", consisting of two horizontal bars joined together by a vertical bar. It has a wide opening capacity making it ideal for woodworking applications.



**T-Bar Clamps** consist of a long bar with adjustable jaws suitable for woodworking applications. The "T" shape comes from the spindle, which controls the jaw opening.



**Magnetic Clamps** are designed to accurately hold ferrous metals for welding and assembly. This clamp uses magnets to keep metals in place. Clamps come in different configurations to hold metals at different angles.



## QUICK ACTION WOODWORKING CLAMPS

- Convenient, strong and accurate
- Quick adjustment mechanism by simply lifting the aluminium die-cast handle, the sliding jaw can be moved anywhere on the rail
- Rail is made from special "K" section steel profiled to minimize flexing and bending
- Serrations on the steel rail eliminate slippage
- Four hardened rollers in the moving head maintain a constant 90° angle under load, ensuring that the clamp heads remain parallel to each other and at right angles to the rail at all times
- Clamp jaws are encased in non-marring, glue resistant polypropylene casing



| Item Code | Clamping Capacity | Bishops Code |
|-----------|-------------------|--------------|
| KBC/12    | 300mm             | 61502420     |
| KBC/40    | 1,000mm           | 61502510     |

## T-BAR CRAMPS

- Primarily designed for the cramping of large section work pieces for joint gluing and general applications
- Jaws and nuts are made from ductile iron and the Acme threaded screw
- Handle are high quality corrosion resistant steel
- T-bar sections are specially heat-treated Aluminium for strength and will resist twisting and distortion
- Fixed jaw comes with drilled feet for fixing to a work bench
- Heavy section clamp is more robust and is suitable for heavy-duty work
- 25 year warranty



| LIGHT DUTY |         |        | HEAVY DUTY |         |        |
|------------|---------|--------|------------|---------|--------|
| Item Code  | Length  | Weight | Item Code  | Length  | Weight |
| 61213      | 750mm   | 2.6kg  | 61230      | 750mm   | 5kg    |
| 61214      | 1,000mm | 2.8kg  | 61231      | 1,000mm | 5.5kg  |
| 61215      | 1,250mm | 3kg    | 61232      | 1,250mm | 6kg    |
| 61216      | 1,500mm | 3.2kg  | 61233      | 1,500mm | 6.5kg  |
| 61217      | 1,750mm | 3.4kg  | 61234      | 1,750mm | 7kg    |
| 61218      | 2,000mm | 3.6kg  | 61235      | 2,000mm | 7.5kg  |
| 61220      | 2,500mm | 4kg    | 61237      | 2,500mm | 8.5kg  |
| 61221      | 3,000mm | 4.4kg  | 61238      | 3,000mm | 9kg    |
| 61222      | 3,500mm | 4.8kg  | 61239      | 3,500mm | 9.5kg  |

SPECIAL ORDER: PLEASE QUOTE ITEM CODE UPON ORDERING THIS PRODUCT

## GET MORE AT BISHOPS

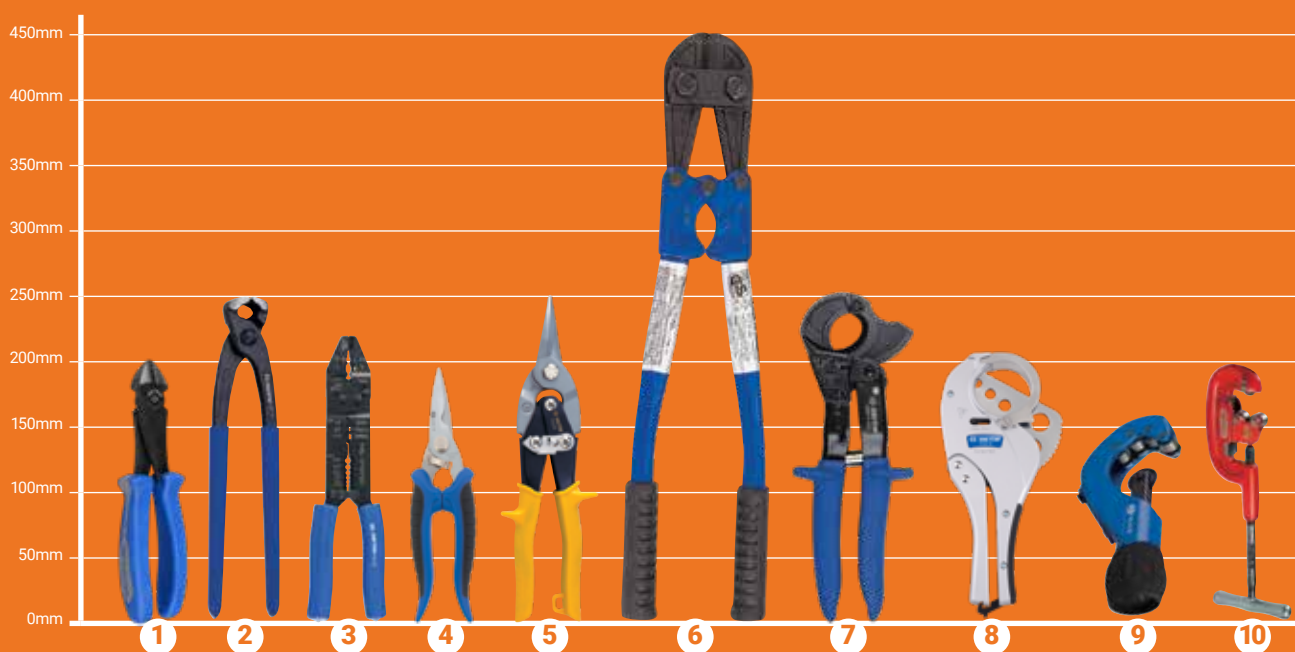


## ENGINEERS VICES

Page 335



## THE USUAL SUSPECTS – LINE-UP OF THE MOST COMMON CUTTERS



### 1 Diagonal Cutting Pliers

Without any gripping jaws, they apply their cutting jaws to powerfully snip through a range of wire diameters.

Suitable for: cutting soft/medium/hard wire, piano wire, nails and screws.

### 2 End Cutting Pliers

Designed to leave a close finish. Wide throat clearance allows an almost flush cut of nail and rivet heads.

Suitable for: cutting soft/medium/hard wire, piano wire, nails and screws.

### 3 Wire Cutting, Crimping & Stripping Pliers

Multi-purpose tools often used in the electrical industry. Cut, strip and crimp cables with one tool.

Suitable for: cutting soft/medium/hard wire, cables and small gauge bolts/screws

### 4 Scissors

Will always be one of the most useful cutting tools to own. Snip away at a variety of materials with a pair of industrial scissors.

Suitable for: cutting plastics, fabrics, rope, cardboard and assorted thin soft metals.

### 5 Tin Snips

Also known as aviation shears, have colour coded handles that designate the direction they are designed to cut best in. Left is red, right is green and straight cuts are yellow.

Suitable for: cutting sheet metal including tin, aluminium and thin steel.

### 6 Bolt Cutters

Designed to utilise incredible leverage into a focused cutting point. Their compounding action creates a powerful cutting force.

Suitable for: cutting bolts, screws, nails, shackles and wire.

### 7 Cable Cutters

Commonly used for softer metals. Ratcheting models will provide high torque and cutting power with low effort.

Suitable for: cutting copper, aluminium and other soft cables.

### 8 Hose Cutters

Typically used on pipes and hoses. A simple and effective tool that does the job.

Suitable for: cutting PVC, plastic, nylon and rubber hose and tube.

### 9 Tube Cutters

Fasten around the tube and rotate to make short work of soft metals and thin wall steel tubing. Various sizes are available to suit different diameters and materials.

Suitable for: cutting copper, brass, aluminium and thin wall steel tube.

### 10 Pipe Cutters

Heavy duty version of tube cutters. Replacement cutters for pipe and tube are available separately.

Suitable for: cutting steel, cast iron and clay pipes.

**Can't find the cutters you need?  
Ask Bishops!**

[bishopbros.com.pg](http://bishopbros.com.pg) [sales@bishopbros.com.pg](mailto:sales@bishopbros.com.pg)



**DIAGONAL CUTTING PLIERS**

- Drop-forged carbon steel
- Bi-material comfort handle
- Heavy duty gripping jaws
- Length: 180mm (7")



|           |              |
|-----------|--------------|
| Item Code | Bishops Code |
| W031004   | 63521060     |

**END CUTTING PLIERS**

- Drop-forged carbon steel
- Bi-material comfort handle
- Heavy duty gripping jaws
- Suitable for cutting wires and cables
- Length: 160mm (6")



|           |              |
|-----------|--------------|
| Item Code | Bishops Code |
| W031010   | 63521069     |

**HEAVY DUTY EUROPEAN TYPE DIAGONAL CUTTING NIPPERS**



- Polypropylene (PP) + thermoplastic rubber (TPR) grip handle
- Polished heads
- DIN 5749



| Item Code | Wire Cutting Capacities |        |       |       | Length | Weight | Bishops Code |
|-----------|-------------------------|--------|-------|-------|--------|--------|--------------|
|           | Soft                    | Medium | Hard  | Piano |        |        |              |
| 6211-06   | 4mm                     | 2.8mm  | 2mm   | 1.6mm | 163mm  | 180g   | 61012525     |
| 6231-07   | 4mm                     | 3mm    | 2.2mm | 2mm   | 188mm  | 220g   | 61012530     |
| 6231-08   | 5mm                     | 3.5mm  | 2.2mm | 2mm   | 200mm  | 280g   | 61012535     |

**EUROPEAN TYPE END CUTTING PLIERS**



- Polypropylene and thermoplastic rubber (TPR) grip handle
- DIN ISO 5748
- Length: 164mm
- Weight: 273g
- Cutting Capacities:**
  - Soft wire: 4mm
  - Medium hard wire: 3mm
  - Hard wire: 1.6mm
  - Piano wire: 1.6mm



|           |              |
|-----------|--------------|
| Item Code | Bishops Code |
| 6411-06   | 61020260     |

**1,000V INSULATED HEAVY DUTY DIAGONAL CUTTING PLIERS**



- TPR grip handle
- Polished head
- Chrome vanadium steel
- IEC DIN EN 60900
- Length: 190mm
- Weight: 280g
- Cutting Capacities:**
  - Soft wire: 5mm
  - Medium hard wire: 3.5mm
  - Hard wire: 2.2mm
  - Piano wire: 2mm



|           |              |
|-----------|--------------|
| Item Code | Bishops Code |
| 6236-07A  | 61010610     |

**EUROPEAN TYPE LINE END CUTTING PLIERS**

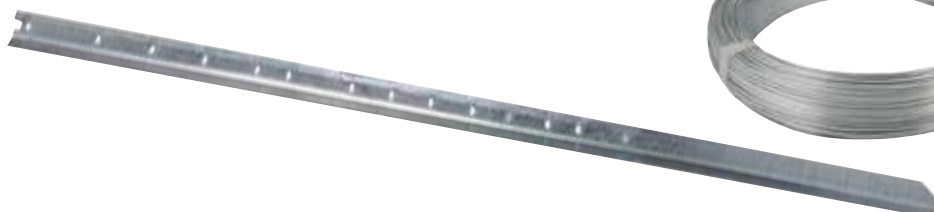


- PVC grip handle
- DIN ISO 9242
- Weight: 445g
- Length: 254mm
- Cutting Capacities:**
  - Soft wire: 3mm
  - Medium hard wire: 2mm
  - Hard wire: 1.6mm



|           |              |
|-----------|--------------|
| Item Code | Bishops Code |
| 6431-10C  | 61014840     |

GET MORE AT BISHOPS ▶



**STAR PICKETS & TIE WIRE**

Page 364



# WIRE CRIMPING & STRIPPING PLIERS & INDUSTRIAL SCISSORS

HAND & CUTTING TOOLS

## WIRE CUTTING & CRIMPING PLIERS



- Wire cutter, stripper and bolt cutter and crimper in one tool
- Wire cutting capacity: 6mm
- Bolt cutting capacity: 2.6–5mm
- Open barrel terminal crimping capacity: 1.5–6mm
- Wire stripping capacity: 0.75–6mm



6732-09

| Item Code | Insulated Terminal Crimping Capacity | Bishops Code |
|-----------|--------------------------------------|--------------|
| 6732-09   | 1.5–6mm                              | 64540040     |
| 6721-10   | 0.5–6mm                              | 64540240     |

## WIRE STRIPPING PLIERS



- Cuts and strips wires
- Wire cutter diameter: 6mm<sup>2</sup>
- Wire stripper: 0.5–5.5mm<sup>2</sup>
- Length: 155mm
- Weight: 103g



| Item Code | Bishops Code |
|-----------|--------------|
| 6741-06   | 64545025     |

## WIRE STRIPPING PLIERS

- Drop-forged carbon steel
- Bi-material comfort handle
- Length: 160mm (6")



| Item Code | Bishops Code |
|-----------|--------------|
| W031011   | 63521072     |

## WIRE STRIPPING PLIERS



- With spring and adjusting screw
- Wire cutter diameter: 5mm
- Wire stripper: 10mm<sup>2</sup>
- Overall length: 155mm



| Item Code | Bishops Code |
|-----------|--------------|
| 6711-06   | 64545050     |

## 1,000V INSULATED WIRE STRIPPING PLIERS



- Thermoplastic rubber (TPR) grip handle
- Polished head
- With spring and adjusting screw
- Chrome vanadium steel
- Wire cutter diameter: 5mm
- Wire stripper: 10mm<sup>2</sup>
- Overall length: 160mm
- IEC DIN EN 60900



| Item Code | Bishops Code |
|-----------|--------------|
| 6716-06A  | 64545100     |

## SCISSORS



- Ambidextrous comfort grip handles
- One knife edge blade and one serrated edge blade
- Stainless steel blades
- Ideal for all industrial, food processing and stationery applications
- Length: 230mm



| Item Code | Bishops Code |
|-----------|--------------|
| 29-900    | 62547515     |

## SCISSORS

- Ergonomic bi-material comfort grip handle
- Durable stainless steel blades
- Right handed
- Ideal for thick cardboard, aluminium, rubber, leather and more
- Blade length: 200mm



| Item Code | Bishops Code |
|-----------|--------------|
| SCMT28562 | 62547512     |

## 5" ELECTRICIAN SCISSORS



- Stainless steel blades
- PP and TPR handle material
- Cutting Length: 55mm
- Overall Length: 145mm



| Item Code | Bishops Code |
|-----------|--------------|
| 6ABT2-55  | 62547545     |

## AVIATION TIN SNIPS

- Hardened carbon steel jaws
- Serrated cutting edges
- Induction hardened cutting edges to 60-62 HRC
- Cutting capacity: 18G (cold rolled steel) & 22G (stainless steel)
- Length: 250mm (10")



| Item Code | Description                                         | Bishops Code |
|-----------|-----------------------------------------------------|--------------|
| W015006   | Right Hand                                          | 63521003     |
| W015007   | Left Hand                                           | 63521006     |
| W015008   | Straight                                            | 63521009     |
| W000401   | 3 Piece Set – Includes Right, Left & Straight Snips | 63521012     |

## AVIATION TIN SNIPS



- Drop forged chrome molybdenum alloy steel
- Blades with serrated edges
- Special labour-saving design perfect for professional users
- Induction hardened cutting edges 59-62 HRC
- High tensile and torsional strength for longer life
- Solid and comfortable handle with non-slip design
- Hang-up hole provided for convenient storage
- Safety auto latch (D.PAT.)
- Overall length: 250mm

### Cutting Capacities:

- Copper: 1.5mm
- Cold-rolled steel: 1.2mm
- Hard steel HRC30: 0.8mm
- 304 Stainless steel: 0.7mm



61070040

| Item Code | Description  | Colour | Length | Weight | Bishops Code |
|-----------|--------------|--------|--------|--------|--------------|
| 74010     | Left Cut     | Red    | 248mm  | 375g   | 61070020     |
| 74020     | Right Cut    | Green  | 248mm  | 375g   | 61070040     |
| 74030     | Straight Cut | Yellow | 250mm  | 380g   | 61070060     |

## OFFSET TIN SNIPS



- Offset blades keep hands away from metal
- Unique design for professional users
- Drop forged chrome molybdenum alloy steel blades with serrated edges
- Induction hardened cutting edges 59-62 HRC

### Cutting Capacities:

- Copper: 1.8mm
- Cold-rolled steel: 1.5mm
- Hard steel HRC30: 1.0mm
- 304 Stainless steel: 0.9mm



| Item Code | Description | Colour | Length | Weight | Bishops Code |
|-----------|-------------|--------|--------|--------|--------------|
| 74250     | Left Cut    | Red    | 250mm  | 400g   | 61070080     |
| 74260     | Right Cut   | Blue   | 250mm  | 400g   | 61070090     |

## STRAIGHT TIN SNIPS



- American type
- One piece forged construction
- Cushion handle with smooth bows for ease in use and safety
- Designed for cutting straight and wide curves to the left or right
- Drop forged of high carbon steel
- Induction hardened cutting edges 58-61 HRC
- Suitable for gaskets



| Item Code | Cutting Capacities |                 | Length | Weight | Bishops Code |
|-----------|--------------------|-----------------|--------|--------|--------------|
|           | Rolled Steel       | Stainless Steel |        |        |              |
| 74410     | 0.78mm             | 0.45mm          | 254mm  | 480g   | 61070540     |
| 74414     | 1.2mm              | 0.70mm          | 356mm  | 780g   | 61070550     |

## OFFSET TIN SNIPS



- British type
- One piece forged construction
- Comfortable vinyl coated handles
- Drop forged of high carbon steel
- Induction hardened cutting edges 58-61 HRC



| Item Code | Cutting Capacities |                 | Length | Weight | Bishops Code |
|-----------|--------------------|-----------------|--------|--------|--------------|
|           | Rolled Steel       | Stainless Steel |        |        |              |
| 74512     | 0.91mm             | 0.63mm          | 305mm  | 670g   | 61070160     |
| 74514     | 1.20mm             | 0.70mm          | 356mm  | 920g   | 61070170     |

## COMPACT BOLT CUTTERS



- High leverage
- Compact, lightweight design with dual density TPR handles
- Cutting capacity: 5mm
- Length: 200mm
- Weight: 400g



| Item Code | Bishops Code |
|-----------|--------------|
| 6133-08   | 63522115     |

## BOLT CUTTERS



- Chrome vanadium alloy steel



6131-18

| Item Code | Capacity | Length  | Weight | Bishops Code |
|-----------|----------|---------|--------|--------------|
| 6131-12   | 5mm      | 300mm   | 0.76kg | 63522120     |
| 6131-14   | 7mm      | 350mm   | 1.0kg  | 63522130     |
| 6131-18   | 8mm      | 450mm   | 1.51kg | 63522140     |
| 6131-24   | 10mm     | 600mm   | 2.35kg | 63522160     |
| 6131-30   | 13mm     | 750mm   | 3.75kg | 63522170     |
| 6131-36   | 16mm     | 900mm   | 5.50kg | 63522180     |
| 6131-42   | 18mm     | 1,050mm | 8.56kg | 63522190     |





# CABLE, WIRE ROPE & TUBE CUTTERS

HAND & CUTTING TOOLS

## CABLE CUTTER

- K683/T Blade
- Cutting capacity: 12mm
- Length: 220mm



| Item Code | Bishops Code |
|-----------|--------------|
| 62151     | 86440045     |

## 1,000V INSULATED CABLE CUTTER

- Insulated handles to 1,000V
- Cutting capacity: 6.7mm
- Length: 150mm
- Weight: 180g



| Item Code | Bishops Code |
|-----------|--------------|
| 76147     | 61020505     |

## 1,000V INSULATED CABLE CUTTER

- 1,000V rated for safety on the job, VDE certified
- Unique, three-part insulation with white under-layer provides a warning sign that insulation may be compromised
- Multi-colour, sleek design with small thumb guards for ease of handling and storage is perfect for working in confined spaces
- Precision, one-handed shearing action

### Cutting capacities:

- Aluminium (not ACSR): 4/0
- Soft copper: 2/0
- Communication cable: 100-pair 24 AWG



| Item Code    | Bishops Code |
|--------------|--------------|
| A-63050-EINS | 61020515     |

## 1,000V INSULATED ELECTRICIANS RATCHET CABLE CUTTER

- Handles insulated to 1,000V
- Cutting capacity: 32mm
- Length: 260mm
- Weight: 600g



| Item Code | Bishops Code |
|-----------|--------------|
| 73010     | 61020510     |

## 1,000V INSULATED RATCHET CABLE CUTTER

- Cutting capacity: 70mm
- Length: 600mm



| Item Code | Bishops Code |
|-----------|--------------|
| 73009     | 61020512     |

## HEAVY DUTY WIRE ROPE CUTTER

- Cutting capacity: 14–10mm
- Length: 600mm
- Weight: 2.4kg



| Item Code | Bishops Code |
|-----------|--------------|
| 625172    | 63525010     |

## 2-IN-1 RATCHET TUBE CUTTER

- Easy one-hand operation
- Cut into thick pipe and thin pipe
- Easily apply for 50, 63mm O.D.
- Comfortable TPR handle
- For PE, PP, PVDF, PB, PVC or similar tube
- Advanced tool steel blade and aluminium body
- Adjusting tab on the back
- Cutting capacity: 6–63mm



| Item Code | Bishops Code |
|-----------|--------------|
| 7913A-63  | 64020008     |

## MINI TUBE CUTTER

- For copper, brass and aluminium tube
- Quick adjustment and easy to change the cutting wheel
- Ergonomic handle design for comfortable operation
- Full-stop feed system prevents wheels and rollers from coming into contact
- Max. tube thickness: 1.2mm
- Capacity: 3–19mm
- Length: 62mm



| Item Code | Bishops Code |
|-----------|--------------|
| 7915A-19  | 64020011     |

**TUBE CUTTER**

- For copper, brass and aluminium tubes
- Quick adjustment and easy to change the cutting wheel
- Ergonomic handle design for comfortable operation
- Full-stop feed system prevents wheels and rollers from coming into contact
- Max. tube thickness: 1.2mm
- Capacity: 3–45mm
- Length: 140mm



| Item Code | Bishops Code |
|-----------|--------------|
| 7914B-45  | 64020012     |

**UNIQUE TUBE CUTTER**

- For cutting copper tubing
- Special steel cutting wheel and reamer with a zinc alloy body
- Hardness: 55–60HRC
- Red powder coating
- Pipe capacity: 6–42mm
- Weight: 550g



| Item Code | Description                                       | Bishops Code |
|-----------|---------------------------------------------------|--------------|
| 63119     | Unique Tube Cutter                                | 64020530     |
| 63111     | Tube Cutter Wheel for Cutting 42mm Copper         | 64020532     |
| 63114     | Tube Cutter Wheel for Cutting 2mm Stainless Steel | 64020534     |

**STAINLESS STEEL TUBE CUTTER**

- Designed for optimal performance on stainless steel
- The contoured frame allows for easy alignment
- Specially designed cutter wheel decreases drag for a smoother cut
- Pipe capacity: 3/16"–1 1/8"
- Weight: 0.68kg (1.5lb)



| Item Code | Bishops Code |
|-----------|--------------|
| 97212     | 64020520     |

**RATCHET TUBING CUTTER**

- Provided with foldable reamer
- Cuts without having to rotate tool completely around tubing
- Ratchet mechanism allows for tight area operation
- Cuts through some of the toughest surfaces, including stainless steel, wall conduit, copper and aluminium
- One hand operation
- Limited risks of hand fatigue and injuries
- Jaw capacity: 3–28mm
- Max cutting thickness: Stainless steel – 2mm, other materials – 3mm
- Comes with spare blade
- Weight: 389g



| Item Code | Bishops Code |
|-----------|--------------|
| 7912-21   | 64020010     |

**PIRAINA® PIPE CUTTER**



- Precision machined blades for quick and smooth cuts
- Has an ergonomic design and non-slip handles
- Fitted with a safety lock to reduce the risk of accidents
- Blades are interchangeable
- Cuts a wide variety of pipes including kevlar and PVC types
- Max. pipe capacity: 42mm
- Weight: 550g



| Item Code | Description          | Bishops Code |
|-----------|----------------------|--------------|
| 63205     | Piraina® Pipe Cutter | 64020005     |
| 64045     | Cutter Blade to Suit | 64020536     |

**PIPE CUTTER**

- Red powder coated finish
- Provides a fast, clean and convenient method of pipe cutting
- Capacity: 50mm



|  |  | Bishops Code |
|--|--|--------------|
|  |  | 64020040     |

**PIPE CUTTERS**

- Capacity: 50–100mm
- Weight: 8kg



| Item Code | Description                                    | Bishops Code |
|-----------|------------------------------------------------|--------------|
| 63175     | Steel Pipe Cutter                              | 64020550     |
| 63185     | Steel Cutter Wheel for Steel Cutting           | 64020585     |
| 63186     | Steel Cutter Wheel for Stainless Steel Cutting | 64020586     |

**HEAVY DUTY PIPE CUTTERS**



- Fast, clean pipe cutting
- Second handle makes two-man leverage possible on large pipe sizes
- Extra-long shank protects adjustment threads, while an extra-large handle is provided for quick, easy adjustment



| Item Code | Description | Capacity         | Weight       | Bishops Code |
|-----------|-------------|------------------|--------------|--------------|
| 32840     | No. 4-S     | 50–100mm (2–4")  | 8.2kg (18lb) | 64020560     |
| 32850     | No. 6-S     | 100–150mm (4–6") | 10kg (22lb)  | 64020580     |



# ROD CUTTER & BENDER, FLARING TOOLS & SEPARATOR PULLERS

HAND & CUTTING TOOLS

## ROD CUTTER & BENDER

- Unique 2-in-1 combination tool, designed for cutting and bending of concrete reinforcing rods up to 180°
- Drop forged, heat treated jaws made from high grade alloy steel
- Shear cut blades cut and bend 60 rebar to 90° or 180°
- Can be bolted to floor or board for easy one-hand operation
- Made in Japan
- Capacity: 16mm
- Length: 1,320mm
- Weight: 16kg



| Item Code  | Description     | Bishops Code |
|------------|-----------------|--------------|
| HITRC16B   | Cutter & Bender | 63526200     |
| HITRCC16BL | Spare Blade Set | 63526205     |

## 9 PIECE FLARING TOOL SET

- A handy kit suitable for flaring metal tubing in seven sizes
- Double flare
- Sizes: 3/16"–5/8"



| Item Code | Description | Bishops Code |
|-----------|-------------|--------------|
|           |             | 64050240     |

## FLARING TOOL WITH RATCHET

- Eccentric cone flaring tool
- 6, 8, 10, 12, 14, 15, 16mm and 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"
- Weight: 2.1kg



| Item Code | Description | Bishops Code |
|-----------|-------------|--------------|
| 57618     |             | 64050260     |

## PRECISION RATCHETING FLARE TOOL

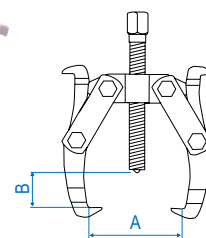
- Versatile and easy to use flaring tool
- Flares steel, stainless steel, hard copper and brass tubing up to wall thickness of .035"
- Ratcheting handle reduces effort required, especially in confined areas
- Quick to set-up, improving productivity
- Durable, eccentrically mounting hardened steel flaring cone
- Handle clutch releases when flare is complete to iron and smooth flare
- Produces 45° flare in sizes from 1/8"–3/4"
- Weight: 1.6kg (4lb)



| Item Code | Description | Bishops Code |
|-----------|-------------|--------------|
| 83037     |             | 64050250     |

## GEAR PULLERS

- Chrome vanadium alloy steel
- Chrome plated and phosphate sunk finishing



| Item Code | Description | A     | B     | Weight | Bishops Code |
|-----------|-------------|-------|-------|--------|--------------|
| 7962-03   | Two Jaw     | 75mm  | 60mm  | 440g   | 63032120     |
| 7962-04   | Two Jaw     | 100mm | 95mm  | 780g   | 63032220     |
| 7962-06   | Two Jaw     | 150mm | 150mm | 1.65kg | 63032320     |
| 7962-08   | Two Jaw     | 200mm | 235mm | 3.5kg  | 63032420     |
| 7962-12   | Two Jaw     | 300mm | 280mm | 7kg    | 63032620     |
| 7963-03   | Three Jaw   | 75mm  | 60mm  | 550g   | 63032130     |
| 7963-04   | Three Jaw   | 100mm | 95mm  | 1.06kg | 63032230     |
| 7963-06   | Three Jaw   | 150mm | 150mm | 2.25kg | 63032330     |
| 7963-08   | Three Jaw   | 200mm | 235mm | 4.5kg  | 63032430     |
| 7963-12   | Three Jaw   | 300mm | 280mm | 11kg   | 63032630     |

## 8 PIECE PRESSURE SCREW BEARING SEPARATOR PULLER SET



- Capacity: 75–105mm
  - Weight: 8.95kg
- Includes:
- 1 x 5/8" Bolt x 18t 415 hardened 42°-45°
  - 2 x Carbon steel main rods – 8" x 1.75P
  - 2 x Carbon steel extension rods – 8" x 1.75P
  - 1 x Carbon steel beam
  - 1 x Central bolt – 18.65(dia.)mm x 11.5(l)" x 10t
  - 1 x Carbon steel nut



| Item Code | Description | Bishops Code |
|-----------|-------------|--------------|
| 9BA22     |             | 63036360     |

## 12 PIECE BEARING SEPARATOR ASSEMBLY SET



- Weight: 5.4kg
- Includes:
- 2 x Set bearing separator & bolts, capacities: 30–50mm & 50–75mm
  - 1 x 3/8" Bolt x 120(l)mm x 24t 415 hardened 42°-45°
  - 1 x 1/2" Bolt x 135(l)mm x 20t 415 hardened 42°-45°
  - 4 x Main rods – hex bar 17mm 3/8" x 127(l)mm x 16t
  - 4 x Extension rods – hex bar 14mm 3/8" x 102(l)mm x 16t
  - 1 x Carbon steel beam
  - 1 x Carbon steel central bolt – 9/16" x 175(l) x 10t/inch



| Item Code | Description | Bishops Code |
|-----------|-------------|--------------|
| 9BA21     |             | 63036370     |



## 4 PIECE ROLLER STUD EXTRACTOR SOCKET SET



- Weight: 1.10kg
- Includes:
  - 4 x roller stud extractor sockets – M6, M8, M10 and M12



| Item Code | Bishops Code |
|-----------|--------------|
| 9TD014MR  | 48690560     |

## 5 PIECE VALVE SPRING COMPRESSOR SET



- Suitable for use on large engines and diesel engines
- Unique direct action compressor lever gives improved visibility and ease of use in areas of difficult access
- Dual size in 25 and 30mm adaptor
- Capacity: 35–140mm
- 280(w) x 390(l)mm
- Weight: 4.56kg



| Item Code | Bishops Code |
|-----------|--------------|
| 9AH025    | 62092280     |

## PISTON RING COMPRESSORS



- The square adjustment key wrench forces the rings into the grooves, and clutch controls prevent them from expanding



| Item Code | Height | Dia.     | Weight | Bishops Code |
|-----------|--------|----------|--------|--------------|
| 9AC125-40 | 100mm  | 57–125mm | 280g   | 62060140     |
| 9AC175-66 | 165mm  | 90–175mm | 530g   | 62060160     |

## DROP FORGED COIL SPRING COMPRESSORS



- Drop forged SCM435 jaws and leaded screws
- Both 21mm 6 point sockets and 1/2" wrench are available
- Suitable design for use in limited space under wheel arch



| Item Code | Length | Weight | Bishops Code |
|-----------|--------|--------|--------------|
| 9BF21     | 270mm  | 3.36kg | 62064270     |
| 9BF11     | 370mm  | 3.51kg | 62064370     |

## GET MORE AT BISHOPS



## TYRE REPAIR KIT

Page 385

## WHEEL BALANCER

Page 389





# CROWBARS & PRY BARS

HAND & CUTTING TOOLS

## CROWBARS

- Used for digging holes and breaking clay, rock and concrete
- Forged from tough high tensile carbon manganese steel
- Ground and sharpened diamond point end for easier digging and breaking
- Heat treated for better performance and strength
- Anti-corrosive primer with enamel finish
- Long tapered blade



| Item Code  | Shape   | Size               | Bishops Code |
|------------|---------|--------------------|--------------|
| 5CB165025  | Hexagon | 1,650(l) x 25(w)mm | 63510560     |
| 5CB180025  | Hexagon | 1,800(l) x 25(w)mm | 63510580     |
| 5CBR180030 | Round   | 1,800(l) x 30(w)mm | 63510600     |

## FENCE BAR

- Used for digging holes and breaking clay, rock and concrete
- Forged from tough high tensile carbon manganese steel
- Long tapered blade for easier digging
- Blade heat treated along the full length for better performance and strength
- Knob is forged on bar, not welded, and is optimum size for tamping
- Anti-corrosive primer with enamel finish
- Hexagon bar profile
- 1,800(l) x 30(w)mm



| Item Code | Bishops Code |
|-----------|--------------|
| 5FB180030 | 63512580     |

## DUAL END PINCH BARS

- Used for levering and moving objects into place with a lift and swivel motion
- Forged from high tensile carbon manganese steel for maximum strength
- Heel offset to 40° for optimum lifting
- Hexagon bar profile for greater control
- Heat treated blade ends for better performance and strength



| Item Code | Size               | Bishops Code |
|-----------|--------------------|--------------|
| 5PB45016  | 450(l) x 16(w)mm   | 63514510     |
| 5PB60020  | 600(l) x 20(w)mm   | 63514520     |
| 5PB75025  | 750(l) x 25(w)mm   | 63514530     |
| 5PB90025  | 900(l) x 25(w)mm   | 63514540     |
| 5PB150025 | 1,500(l) x 25(w)mm | 63514560     |
| 5PB150030 | 1,500(l) x 30(w)mm | 63514580     |
| 5PB180025 | 1,800(l) x 25(w)mm | 63514590     |

## SPOON BARS

- Used for levering, prying between surfaces and aligning holes
- Forged from resilient 4140 grade (axle) steel
- Thin finely ground blade end for ease of entry between surfaces
- Forged, not turned, long tapered point ideal for aligning
- Full length heat treatment of shaft for best performance



| Item Code | Size             | Bishops Code |
|-----------|------------------|--------------|
| 5SB45016  | 450(l) x 16(w)mm | 63516580     |
| 5SB60020  | 600(l) x 20(w)mm | 63516585     |
| 5SB75022  | 750(l) x 22(w)mm | 63516590     |

## ALIGNING PRY BAR

- Used for levering, prying between surfaces and aligning holes
- Forged from chrome alloy steel
- Thin finely ground blade end for ease of entry between surfaces
- 35-40 HRC



| Item Code | Bishops Code |
|-----------|--------------|
| CAT/24    | 63518540     |

## HEAVY DUTY ALIGNING PRY BARS

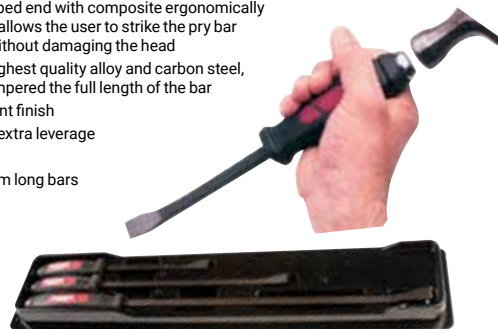
- Ideal for accurate positioning work
- Line up end for aligning and adjusting metals or woods
- Angled chisel end gives greater leverage when prying
- Manufactured from the highest quality alloy and carbon steel
- Fully heat treated shank for maximum strength and durability
- Corrosive resistant black oxide finish



| Item Code | Body Dia. | Length | Weight | Bishops Code |
|-----------|-----------|--------|--------|--------------|
| 40000     | 13mm      | 355mm  | 325g   | 63518610     |
| 40001     | 16mm      | 405mm  | 550g   | 63518620     |
| 40002     | 19mm      | 508mm  | 1kg    | 63518630     |
| 75004     | 22mm      | 760mm  | 2.3kg  | 63518640     |

## 3 PIECE DOMINATOR HEAVY DUTY PRY BAR SET

- All new steel capped end with composite ergonomically designed handle allows the user to strike the pry bar with a hammer without damaging the head
  - Made from the highest quality alloy and carbon steel, hardened and tempered the full length of the bar
  - Corrosion resistant finish
  - Curved blade for extra leverage
- Includes:**
- 305, 432 & 635mm long bars



| Item Code | Bishops Code |
|-----------|--------------|
| 61355     | 63518515     |

## 4 PIECE PRY BAR SET

- Weight: 3.2kg
- Includes:**
- 4 x pry bars – 204, 312, 458 and 608mm



| Item Code | Bishops Code |
|-----------|--------------|
| 9TK014    | 63518510     |

## 3 PIECE ROLLING HEAD (LADY FOOT) HEAVY DUTY PRY BAR SET

- Ideal for accurate positioning work
- Unique curved end enables better leverage in small confined areas
- Opposite end is designed for aligning work
- Manufactured from the highest quality alloy and carbon steel
- Fully heat treated shank for maximum strength and durability
- Corrosive resistant black oxide finish

### Includes:

- 300, 400 & 530mm long bars



| Item Code | Bishops Code |
|-----------|--------------|
| 60150     | 63518512     |

## 4 PIECE ROLLING HEAD PRY BAR SET

- Steel construction
- Rolling head creates a higher level of leverage
- Tapered end is suitable for aligning work

### Includes:

- Sizes: 6", 12", 16" & 20"



| Description         | Bishops Code |
|---------------------|--------------|
| 4 Piece Pry Bar Set | 63518500     |



## HEXAGON WRECKING BARS

- Used for construction, demolition and wrecking work
- Forged from tough high tensile carbon manganese steel
- Finely ground ends for good lead in, makes demolition work easier and quicker
- Open bend to get behind larger timbers, hex profile for greater control
- Wide and thin ends less likely to damage timbers when removing for restoration



| Item Code | Size             | Bishops Code |
|-----------|------------------|--------------|
| 5WB45016  | 450(l) x 16(w)mm | 63520540     |
| 5WB60020  | 600(l) x 20(w)mm | 63520560     |
| 5WB75020  | 750(l) x 20(w)mm | 63520570     |
| 5WB90020  | 900(l) x 20(w)mm | 63520580     |

## GOOSENECK WRECKING BARS

- Gooseneck end has a wide claw for prying and removing nails
- Chisel end is suitable for lifting and prying
- Forged from the highest quality carbon steel
- Fully heat treated shank for maximum strength and durability
- Corrosive resistant black oxide finish



| Item Code | Body Dia. | Length | Weight | Bishops Code |
|-----------|-----------|--------|--------|--------------|
| 41000     | 13mm      | 300mm  | 400g   | 63520410     |
| 41001     | 16mm      | 450mm  | 900g   | 63520420     |
| 41002     | 19mm      | 600mm  | 1.5kg  | 63520430     |
| 41003     | 19mm      | 750mm  | 1.8kg  | 63520440     |
| 41004     | 19mm      | 900mm  | 2.1kg  | 63520450     |

## PODGER BARS

- Used for levering and aligning
- Forged from tough high tensile carbon manganese steel
- Heel set to 40° for optimum levering, blade ground to 30° for easy entry between surfaces
- Taper is forged, not turned, for maximum strength
- Hex profile bar for greater control and to minimise bar roll



| Item Code | Size             | Bishops Code |
|-----------|------------------|--------------|
| 5POB45016 | 450(l) x 16(w)mm | 63516520     |
| 5POB45020 | 450(l) x 20(w)mm | 63516540     |
| 5POB60020 | 600(l) x 20(w)mm | 63516560     |
| 5POB90020 | 900(l) x 20(w)mm | 63516570     |

## PODGER PINS

- Used for aligning and expanding holes in mild steel
- Forged from tough high tensile carbon manganese steel
- Forged head prevents pin being driven through the hole



| Item Code | Size | Bishops Code |
|-----------|------|--------------|
| 5POP16    | 16mm | 63518562     |
| 5POP19    | 19mm | 63538563     |
| 5POP22    | 22mm | 63518564     |
| 5POP25    | 25mm | 63518565     |
| 5POP30    | 30mm | 63518570     |

## GET MORE AT BISHOPS

## SAFETY GLASSES

Page 13



## SCALING BARS

- Used in the mining industry for prying overhanging rock
  - Heel offset to 40° for optimum levering
- 7SCT2400 & 7SCT3050:**
- Aluminium tube body for lighter weight and less user fatigue
  - Inserted steel ends forged from tough carbon manganese steel
- 7SC180019 & 7SC210019:**
- Forged from chrome alloy steel
  - Heat treated blades for maximum toughness
- Hexagonal profile for greater control



| Item Code | Size               | Bishops Code |
|-----------|--------------------|--------------|
| 7SC180019 | 1,500(l) x 20(w)mm | 86410030     |
| 7SC210019 | 2,100(l) x 20(w)mm | 86410040     |
| 7SCT2400  | 2,440(l) x 32(w)mm | 86410010     |
| 7SCT3050  | 3,050(l) x 32(w)mm | 86410020     |





# CHISELS & CENTRE PUNCHES

HAND & CUTTING TOOLS

## FLAT CHISELS

- Chrome vanadium alloy steel
- Phosphate sunk finishing



| Item Code | Size       | Weight | Bishops Code |
|-----------|------------|--------|--------------|
| 76215-05  | 15 x 125mm | 70g    | 63010610     |
| 76721-06  | 17 x 150mm | 145g   | 63010620     |
| 76220-07  | 20 x 175mm | 300g   | 63010630     |
| 76223-08  | 23 x 200mm | 300g   | 63010640     |
| 76724-08  | 24 x 200mm | 275g   | 63010642     |
| 76224-10  | 24 x 250mm | 388g   | 63010650     |
| 76729-10  | 29 x 250mm | 470g   | 63010660     |

## 4 PIECE FLAT CHISEL SET

- Supplied in a plastic case
- Weight: 1kg

Includes:

- 4 x flat chisels – 125, 150, 200 and 250mm



| Item Code | Bishops Code |
|-----------|--------------|
| 11104PR10 | 63010580     |

## COLD CHISELS

- Octagonal cold chisels with impact proof polypropylene grip guards
- Chisels are individually forged from high quality alloy steel
- Suitable for use in all types of masonry and metal working applications
- Powder coated shank
- Cutting edge hardness: 52-58HRC
- Striking end hardness: under 42HRC



| Item Code            | Description                                       | Bishops Code |
|----------------------|---------------------------------------------------|--------------|
| CHS/ST/10/3-4/GRP/YE | Cold Chisel with Grip Guard – 250 x 19mm          | 63010628     |
| CHS/ST/10/0-1/GRP    | Cold Chisel with Grip Guard – 250 x 25mm          | 63010655     |
| CHS/ST/6/ST          | 6 Piece Cold Chisel Set – 6, 8, 10, 13, 16 & 19mm | 63010585     |

## WOOD CHISEL SETS

- Heavy duty chisels for intensive use
- Thru tang design
- Full length blade guard
- Chrome alloy steel blade
- Steel strike cap can withstand use with a steel hammer
- Comes in convenient carry case



2-16-269

| Item Code | Description                               | Bishops Code |
|-----------|-------------------------------------------|--------------|
| 2-16-268  | 3 Piece Chisel Set – 12, 18 & 25mm        | 62546445     |
| 2-16-269  | 5 Piece Chisel Set – 6, 12, 18, 25 & 32mm | 62546450     |



## PUNCH & CHISEL SETS

- Caters to the needs of the journeyman, farmer, rancher, mechanic and carpenter
- Octagonal cold chisels and heavy duty centre and drift punches
- Packed in heavy-duty vinyl rolls for easy access, organisation and storage
- Cold chisels and heavy duty punches
- Comes packed in a vinyl pouch



KIT/7/ST



KIT/24/ST



| Item Code | Description                                                                                                                                                                         | Bishops Code |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| KIT/7/ST  | 7 Piece – Includes: 3 x Cold Chisels – 13–19mm, 1 x Centre Punch – 4mm, 2 x Pin Punches – 3 & 5mm, 1 x Drift Punch – 4mm                                                            | 63056600     |
| KIT/24/ST | 24 Piece – Includes: 7 x Cold Chisels – 6–22mm, 3 x Centre Punches – 2–6mm, 7 x Pin Punches – 1.5–8mm, 6 x Starting Punches – 1.5–8mm, 1 x Automatic Centre Punch – 13(dia) x 120mm | 63056650     |

## AUTOMATIC CENTRE PUNCH

- Heavy duty punch capable of very deep indentations
- Depth of the impression is adjustable by turning the knurled head
- Tips are hardened tool steel and are removable for maintenance and sharpening
- Spring loaded
- Non-slip grip
- Body diameter: 18mm
- Length: 146mm



| Item Code | Bishops Code |
|-----------|--------------|
| ACP/H-2   | 63040580     |

## CENTRE PUNCHES

- Chrome vanadium alloy steel
- Phosphate sunk finishing



| Item Code | Size      | Weight | Bishops Code |
|-----------|-----------|--------|--------------|
| 76103-04  | 3 x 100mm | 34g    | 63040040     |
| 76104-05  | 4 x 120mm | 59g    | 63040045     |
| 76105-06  | 5 x 150mm | 116g   | 63040060     |

**STARTER PUNCHES**

- Chrome vanadium alloy steel
- Phosphate sunk finishing



| Item Code | Size       | Weight | Bishops Code |
|-----------|------------|--------|--------------|
| 76304-05  | 4 x 120mm  | 60g    | 63042510     |
| 76305-05  | 5 x 120mm  | 64g    | 63042520     |
| 76306-05  | 6 x 120mm  | 64g    | 63042530     |
| 76308-05  | 8 x 120mm  | 100g   | 63042540     |
| 76310-06  | 10 x 150mm | 132g   | 63042550     |

**PIN PUNCHES**

- Chrome vanadium alloy steel
- Phosphate sunk finishing



| Item Code | Size       | Weight | Bishops Code |
|-----------|------------|--------|--------------|
| 76402-45  | 2 x 115mm  | 32g    | 63052310     |
| 76403-05  | 3 x 125mm  | 34g    | 63052320     |
| 76404-06  | 4 x 150mm  | 60g    | 63052330     |
| 76405-65  | 5 x 165mm  | 71g    | 63052350     |
| 76406-07  | 6 x 180mm  | 125g   | 63052360     |
| 76408-08  | 8 x 200mm  | 130g   | 63052370     |
| 76410-85  | 10 x 215mm | 155g   | 63052380     |

**CENTRE PUNCH & SET**

- Manufactured from selected carbon steel and suitable for punching heavy duty materials
- Accurately hardened and tempered so that the point will withstand continuous use and the striking end will not splinter
- Ideal for clearly marking metal before drilling to ensure correct location of drill points
- Working tips are centered and ground to the correct angle (90° included angle) for increased efficiency in marking
- Striking end is chamfered to prevent breakage
- Hexagonal shank with premium powder coated finish
- Hardness: 52-58HRC



| Item Code  | Description                                  | Bishops Code |
|------------|----------------------------------------------|--------------|
| CP/HD/1-4  | Centre Punch – 138 x 6mm                     | 63040700     |
| CP/HD/5/ST | 5 Piece Centre Punch Set – 2, 3, 4, 6 & 10mm | 63040595     |

**3 PIECE ROUND NAIL PUNCH SET**

- Manufactured from selected carbon steel, hardened and tempered for longer service life
- Knurled round shank with 9.5mm square head
- Non-slip grip and black oxide finish
- Designed for driving nail heads below the surface of the wood

Includes:

- Sizes: 0.80, 1.5 & 2.5mm



| Item Code   | Bishops Code |
|-------------|--------------|
| NLP/SQ/3/ST | 62554090     |



**7 PIECE DRIFT PUNCH STARTER SET**



- Ideal for lining up holes in two or more pieces of metal and for drawing pins through various assemblies
- Manufactured from selected carbon steel
- Accurately hardened and tempered to withstand continuous use
- Working ends are machine ground
- Hexagonal shank with powder coated finish

Includes:

- Sizes: 3, 4, 5, 5.5, 6, 8 & 10mm



| Item Code   | Bishops Code |
|-------------|--------------|
| DFP/HD/7/ST | 63042595     |

**6 PIECE ROLL PIN PUNCH SET**



- Punches are a single piece construction
- Specifically designed to remove spring and roll pins
- Comes packed in a vinyl pouch

Includes:

- Sizes: 2.5, 3, 4, 5, 6 & 8mm



| Item Code | Bishops Code |
|-----------|--------------|
| RPP/6/ST  | 63052795     |

**6 PIECE PIN PUNCH SET**



- Weight: 0.57kg

Includes:

- Sizes: Ø2 x 30mm, Ø3 x 40mm, Ø4 x 50mm, Ø5 x 50mm, Ø6 x 50mm & Ø8 x 50mm



| Item Code | Bishops Code |
|-----------|--------------|
| 1006PR    | 63052390     |

**9 PIECE PIN PUNCH SET**



- Weight: 1.67kg

Includes:

- Sizes: Ø2 x 30mm, Ø3 x 40mm, Ø4 x 50mm, Ø5 x 50mm, Ø6 x 50mm, Ø8 x 50mm, Ø10 x 65mm, Ø12 x 70mm & Ø14 x 75mm



| Item Code | Bishops Code |
|-----------|--------------|
| 1009PR    | 63052392     |



# PIN & HOLLOW PUNCHES & BARREL DRIFTS

HAND & CUTTING TOOLS

## 10 PIECE PIN PUNCH SET

- Weight: 0.86kg
- Includes:
  - 3 x Centre punches – Ø3 x 100mm, Ø4 x 120mm & Ø5 x 150mm
  - 4 x Pin punches – Ø3 x 120mm, Ø6 x 120mm & Ø8 x 120mm
  - 3 x Starter punches – Ø3 x 40mm, Ø4 x 50mm, Ø5 x 50mm & Ø6 x 50mm



| Item Code | Bishops Code |
|-----------|--------------|
| 1010PR    | 63052394     |

## 5 PIECE EXTRA LONG PIN PUNCH SET

- The extra long style is useful for applications where added leverage is required
- Hexagonal shank with powder coated finish
- Comes packed in a vinyl pouch
- Includes:
  - Sizes: 3, 5, 6, 8 & 10mm



| Item Code   | Bishops Code |
|-------------|--------------|
| PP/HD/5L/ST | 63052780     |

## BARREL DRIFTS

- Used for aligning holes in construction
- Also used for expanding holes in mild steel
- Forged from tough high tensile steel
- Taper is forged, not turned, for finer grain, giving greater tensile strength
- Reduced likelihood of scoring, even when driven hard
- Correctly heat treated to best suit product application



| Item Code | Size | Bishops Code | Item Code | Size | Bishops Code |
|-----------|------|--------------|-----------|------|--------------|
| 5BD12     | 12mm | *5BD12       | 5BD22     | 22mm | *5BD22       |
| 5BD14     | 14mm | *5BD14       | 5BD24     | 24mm | *5BD24       |
| 5BD16     | 16mm | *5BD16       | 5BD25     | 25mm | 63518589     |
| 5BD18     | 18mm | *5BD18       | 5BD27     | 27mm | *5BD27       |
| 5BD19     | 19mm | *5BD19       | 5BD30     | 30mm | 63518591     |
| 5BD20     | 20mm | *5BD20       | 5BD33     | 33mm | 63518592     |

\* – SPECIAL ORDER: PLEASE QUOTE ITEM CODE UPON ORDERING THIS PRODUCT

## ROUND HOLLOW PUNCH SETS

- Suitable for punching round holes various soft materials such as leather, rubber, canvas and plastic
- Special design prevents material jamming inside the punch
- Cutting edge is induction hardened for longer service life
- Hardness: 40±50HRc



HPL/6/ST

| Item Code | Description                                                                                               | Bishops Code |
|-----------|-----------------------------------------------------------------------------------------------------------|--------------|
| HPL/6/ST  | 6 Piece Hollow Punch Set In Vinyl Pouch – 5, 6, 8, 10, 11 & 12mm                                          | 63046690     |
| HPL/14/ST | 14 Piece Hollow & Arch Punch Set In Wooden Case – 6, 8, 10, 11, 13, 14, 16, 19, 22, 25, 30, 32, 35 & 38mm | 63046698     |

## WAD PUNCHES

- Suitable for punching holes in gasket material, leather, rubber, canvas, cardboard, plastic and other soft material
- Design of the cutting edge prevents jamming of material inside the punch
- Induction hardened cutting edge for extended working life
- Long shaft for convenient holding
- Hardness: 40 +/-50 HRc



### INDIVIDUAL PUNCHES

| Item Code  | Size | Bishops Code | Item Code  | Size | Bishops Code |
|------------|------|--------------|------------|------|--------------|
| HPL/6/BEL  | 6mm  | 63054306     | HPL/22/BEL | 22mm | 63054322     |
| HPL/8/BEL  | 8mm  | 63054308     | HPL/25-B   | 25mm | 63054325     |
| HPL/10/BEL | 10mm | 63054310     | HPL/28     | 28mm | 63054328     |
| HPL/12/BEL | 12mm | 63054312     | HPL/32     | 32mm | 63054332     |
| HPL/16/BEL | 16mm | 63054316     | HPL/35     | 35mm | 63054335     |
| HPL/19/BEL | 19mm | 63054319     | HPL/38     | 38mm | 63054338     |

### SET

| Item Code    | Description                                | Bishops Code |
|--------------|--------------------------------------------|--------------|
| HPL/7/BEL/ST | 7 Piece Set – 6, 10, 12, 16, 19, 22 & 25mm | 63054490     |

# GET MORE AT BISHOPS



## HAMMERS

From Page 222



## GASKET MATERIAL

Page 459



**NUMBER PUNCH SET**

- Chrome vanadium alloy steel
- Hardened and tempered control HRC60 to provide safety in use
- The number 6 inverted becomes 9
- Number height: 5mm



| Item Code | Bishops Code |
|-----------|--------------|
| 11409SQ05 | 63050040     |

**LETTER & NUMBER PUNCH SETS**

- For hand held, hammer struck applications
- Manufactured from select quality carbon steel
- Punches are through induction hardened, providing durability and extended life for repeated use
- The hardness at the stamping end is maintained at 58-62HRC, the striking end is tempered to 35-42HRC, preventing the punch splintering during use
- Striking end is chamfered to prevent breakage and accidents due to flying splinters
- Come packed in a metal case
- Stamp size: 12mm/½"



| Item Code | Description      | Bishops Code |
|-----------|------------------|--------------|
| LP/12     | Letter Punch Set | 63048060     |
| NP/12     | Number Punch Set | 63050150     |

**LETTER & NUMBER PUNCH SETS**

- Reverse image, raised characters
- Black metal finish



| Description             | Size        | Bishops Code |
|-------------------------|-------------|--------------|
| Letter Punches – A to Z | 3mm (1/8")  | 63048020     |
| Letter Punches – A to Z | 5mm (3/16") | 63048040     |
| Letter Punches – A to Z | 6mm (1/4")  | 63048050     |
| Number Punches – 0 to 9 | 5mm (3/16") | 63050040     |

**TYPES OF FILES**

**Hand Files** are rectangular in shape. They are suitable for general filing work and finishing flat surfaces.

**Flat Files** are rectangular in shape but are narrower than hand files. Flat files are often bastard cut and maintain their thickness throughout their length. These files are recommended for general filing work.

**Half Round Files** have one flat and one convex side. They can either maintain their thickness throughout the length of the file or taper off. They are suitable for concave corners and round holes.

**Round Files** are round in shape and are often tapered off over their length (known as "rat tail files"). They are used for enlarging round holes or cutting scalloped edges.

**Tri-Square Files** are triangular in shape and often tapered over their length. Sides may be equal in size or have two long and one short.

**Square Files** are generally tapered and cut on all four sides. This shape is utilised for a variety of tasks such as enlarging holes or recesses.

**Taper Files** files have converging edges. They often come in tri-square shape and are used for sharpening saws.

**Cut**

**Single Cut** files have a single set of parallel, diagonal rows of teeth. Single cut files are used at a light pressure and create a smoother finish.

**Double Cut** files have two sets of diagonal rows of teeth. The coarse second cut runs in the opposite direction to the finer first cut. Use with heavier pressure to remove material faster than a single cut file.

**Coarseness**

**Bastard Cut** Used for fast material removal. Leaves a rough finish.

**Second Cut** A balanced coarseness between bastard and smooth.

**Smooth Cut** Between second cut and very smooth. Use single cut smooth files for finishing.







# HAND FILES & SETS

HAND & CUTTING TOOLS

## FLAT FILES

- Rectangular general purpose file
- Suitable for steel surfaces
- Handles available separately



| Description | Size  | Bishops Code | Description | Size  | Bishops Code |
|-------------|-------|--------------|-------------|-------|--------------|
| Bastard Cut | 150mm | 49815115     | Second Cut  | 250mm | 49815325     |
| Bastard Cut | 200mm | 49815120     | Second Cut  | 300mm | 49815330     |
| Bastard Cut | 250mm | 49815125     | Smooth Cut  | 150mm | 49815515     |
| Bastard Cut | 300mm | 49815130     | Smooth Cut  | 200mm | 49815520     |
| Second Cut  | 150mm | 49815315     | Smooth Cut  | 250mm | 49815525     |
| Second Cut  | 200mm | 49815320     | Smooth Cut  | 300mm | 49815530     |

## HALF ROUND FILES

- Steel files suitable for use on steel surfaces
- Ideal for concave corners, crevices and round holes
- Third circular character of teeth
- Double cut
- Handles available separately



| Description | Size  | Bishops Code | Description | Size  | Bishops Code |
|-------------|-------|--------------|-------------|-------|--------------|
| Bastard Cut | 200mm | 49820120     | Second Cut  | 350mm | 49820335     |
| Bastard Cut | 250mm | 49820125     | Smooth Cut  | 150mm | 49820515     |
| Bastard Cut | 300mm | 49820130     | Smooth Cut  | 200mm | 49820520     |
| Second Cut  | 200mm | 49820320     | Smooth Cut  | 250mm | 49820525     |
| Second Cut  | 250mm | 49820325     | Smooth Cut  | 300mm | 49820530     |
| Second Cut  | 300mm | 49820330     | -           | -     | -            |

## ROUND FILES

- Steel files suitable for use on steel surfaces
- For enlarging holes and shaping curved surfaces
- Either tapered or blunt
- Double cut
- Handles available separately



| Description | Size  | Bishops Code | Description | Size  | Bishops Code |
|-------------|-------|--------------|-------------|-------|--------------|
| Bastard Cut | 200mm | 49825120     | Second Cut  | 350mm | 49825335     |
| Bastard Cut | 250mm | 49825125     | Smooth Cut  | 100mm | 49825510     |
| Bastard Cut | 300mm | 49825130     | Smooth Cut  | 150mm | 49825515     |
| Second Cut  | 150mm | 49825315     | Smooth Cut  | 200mm | 49825520     |
| Second Cut  | 200mm | 49825320     | Smooth Cut  | 250mm | 49825525     |
| Second Cut  | 250mm | 49825325     | Smooth Cut  | 300mm | 49825530     |
| Second Cut  | 300mm | 49825330     | -           | -     | -            |

## CHAINSAW FILES

- Steel round files
- Designed for sharpening teeth on chainsaw chains



| Diameter | Bishops Code |
|----------|--------------|
| 5/32"    | 49860140     |
| 3/16"    | 49860150     |
| 7/32"    | 49860155     |

## 4 PIECE HAND FILE SETS

- Bastard cut and second cut options
  - Length: 250mm
- Includes:
- 1 x Half round file
  - 1 x Round file
  - 1 x Flat file
  - 1 x Square file



49880510

| Description                  | Bishops Code |
|------------------------------|--------------|
| 4 Piece Bastard Cut File Set | 49880500     |
| 4 Piece Second Cut File Set  | 49880510     |

## 12 PIECE NEEDLE FILE SET

- Steel files
- Assorted cuts
- Plastic handle included
- Length: 160mm



| Item Code | Bishops Code |
|-----------|--------------|
| 2850007   | 49880560     |

# GET MORE AT BISHOPS

## EXTERNAL THREAD FILES

Page 275

## EMERY PAPER

Page 127



# THE USUAL SUSPECTS – A LINE-UP OF THE MOST COMMON HAMMERS

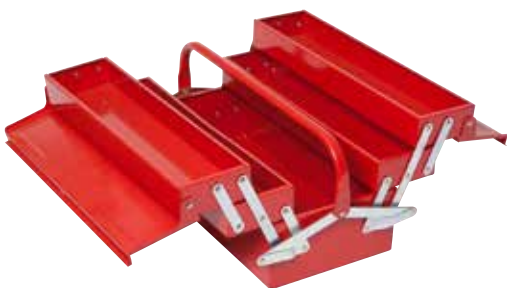


- 1 **Claw Hammers** can be used to pry out nails and the like by lever action. A great general purpose hammer.
- 2 **Ball Pein Hammers**, often used by engineers, have a rounded head suitable for shaping metal, closing rivets or rounding off metal edges.
- 3 **Club Hammers** are used like a miniature sledge hammer. Useful for demolition and general striking, also used for driving cold chisels.
- 4 **Sledge Hammers** allow significant impact speed with a long, extended handle. Suitable for breaking up rocks and heavy duty impact work. Make sure to choose a normalised head if striking hardened steel tools or surfaces.
- 5 **Mallets** are often soft faced with non-ferrous materials including copper, rawhide, nylon, rubber or a combination. They deliver firm blows that won't risk damage to expensive components.
- 6 **Dead Blow Hammers** have internal features that greatly reduce rebound, allowing for powerful yet accurate work in tight spaces.
- 7 **Prospecting Picks** are used for breaking up rocks. The pick end is useful for striking into existing cracks.

All hammers and striking tools should always be used with the proper PPE and safety gear.

If you have any questions about best safety practices make sure to contact Bishops.

GET MORE AT BISHOPS ▶



**TOOL  
BOXES**

Page 160



# CLAW HAMMERS

HAND & CUTTING TOOLS

## WOODEN HANDLE CLAW HAMMER

- Drop forged hardened steel head
- Traditional wooden handle



| Item Code | Bishops Code |
|-----------|--------------|
| 51-534    | 62541230     |

## STEEL CLAW HAMMER

- One piece forged steel handle
- Polished drop forged carbon steel head
- Hardened and tempered
- Slip resistant rubber grip
- Weight: 800g (28oz)



| Item Code | Bishops Code |
|-----------|--------------|
| 51-091    | 62541210     |

## CLAW HAMMER

- Single piece claw hammer
- Comfort grip handle
- Weight: 565g (20oz)



| Item Code | Bishops Code |
|-----------|--------------|
| W041033   | 63521090     |

## FIBREGLASS HANDLE CLAW HAMMER

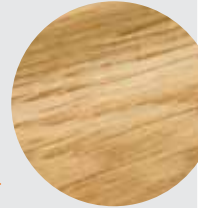
- Fibreglass handle
- Comfort grip
- Weight: 680g (24oz)



| Item Code | Bishops Code |
|-----------|--------------|
| W041062   | 63521093     |

# WHICH HANDLE? WOOD, STEEL OR FIBREGLASS?

**Wood Handled Hammers** are a good economical option but may break if excessively used. Unsleeved, the grip is more slippery than other types.



**Steel Handled Hammers** are the most durable, but also the heaviest of the types. They will deliver a powerful blow and offer excellent durability.



**Fibreglass Handled Hammers** are the lightest type over steel and wood. They have shock absorbing characteristics which transmit less vibration to the user.



Can't find the hammer you're looking for? Give Bishops a call!

## FIBREGLASS CLAW HAMMER

- Fibreglass handle to absorb shock and vibration
- Forged carbon steel head
- Non-slip rubber grip
- Weight: 800g (28oz)



| Item Code | Bishops Code |
|-----------|--------------|
| 51-072    | 62541220     |

## ANTI-VIBRATION CLAW HAMMER

- Large strike face
- Anti-vibration grip for less user fatigue
- Weight: 565g (20oz)



| Item Code   | Bishops Code |
|-------------|--------------|
| FMHT1-51277 | 62541200     |

**BALL PEIN HAMMERS**

- High quality alloy steel
- Forged and hardened steel
- Wood and metal wedge
- GGG, H86C



| Item Code | Face Dia. | Head Length | Head Weight | Length | Weight  | Bishops Code |
|-----------|-----------|-------------|-------------|--------|---------|--------------|
| 7811-08   | 25mm      | 80mm        | 245g        | 300mm  | 375g    | 61003108     |
| 7811-12   | 29mm      | 93mm        | 370g        | 300mm  | 485g    | 61003112     |
| 7811-16   | 32.5mm    | 103mm       | 485         | 353mm  | 640g    | 61003116     |
| 7811-24   | 35.5mm    | 122mm       | 765g        | 405mm  | 975g    | 61003124     |
| 7811-32   | 40.5mm    | 125mm       | 925g        | 405mm  | 1.20kg  | 61003132     |
| 7811-40   | 42.2mm    | 133mm       | 1.125kg     | 405mm  | 1.395kg | 61003140     |

**BALL PEIN HAMMER**

- Forged high-carbon steel head
- Fully heat treated and polished face
- Textured grip
- Hickory handle
- Weight: 680g (24oz)



| Item Code | Bishops Code |
|-----------|--------------|
| W041030   | 63521087     |

**FAST FACT  
– WHAT IS A  
NORMALISED HEAD?**

Many steel tools and components are **hardened** for strength and durability. Tools such as hammers, punches, drill bits and chisels are examples where hardened steel is common.

**The sudden impact of hardened steel against hardened steel** can cause metal shards to splinter and fly off at great speed and danger. There have been injuries and fatalities and the utmost care must be taken when using steel striking tools.

Using a hammer with a **normalised face** can significantly reduce the risk of flying chips. Normalising is a metalworking process that reduces hardness and makes steel less brittle.

A normalised hammer head is designed to mushroom (splay) rather than crack or splinter. Normalised hammers can be identified by the S marked on their head.



**BALL PEIN HAMMERS**

- Useful for engineers and used in metal work for striking punches and chisels
- Also used for riveting work with hammer ball end
- Hardened and tempered steel head (above 50HRC) gives precision striking force, durability and longevity
- Unique reinforced, ribbed design, shock absorbing fibreglass handle
- Steel wedged hammer head holds more than 6000N of pull force and in accordance with BS 876:1995
- CNC machined face gives the smoothest striking
- Tether hole feature for extra safety when using a tether and working at height surface



| Item Code     | Head Weight | Handle Length | Total Weight |
|---------------|-------------|---------------|--------------|
| 6HBP5GFH0.450 | 453g (16oz) | 330mm         | 680g         |
| 6HBP5GFH0.675 | 675g (24oz) | 360mm         | 950g         |
| 6HBP5GFH0.900 | 900g (32oz) | 370mm         | 1.25kg       |

**SPECIAL ORDER: PLEASE QUOTE ITEM CODE UPON ORDERING THIS PRODUCT**

**NORMALISED BALL PEIN HAMMERS**

- Useful for engineers and used in metal work for striking punches and chisels
- Normalised hammer head features a softer face (below 20HRC) that will mushroom – ideal for applications where the risk of chipping needs to be minimised
- Unique reinforced, ribbed design, shock absorbing fibreglass handle
- Steel wedged hammer head holds more than 6000N of pull force and in accordance with BS 876:1995
- CNC machined face gives the smoothest striking
- Tether hole feature for extra safety when using a tether and working at height surface



| Item Code      | Head Weight | Handle Length | Total Weight |
|----------------|-------------|---------------|--------------|
| 6NHBP5GFH0.450 | 453g (16oz) | 330mm         | 680g         |
| 6NHBP5GFH0.675 | 675g (24oz) | 360mm         | 950g         |
| 6NHBP5GFH0.900 | 900g (32oz) | 370mm         | 1.25kg       |

**SPECIAL ORDER: PLEASE QUOTE ITEM CODE UPON ORDERING THIS PRODUCT**

**NON-SPARKING BALL PEIN HAMMERS**



- For use in potentially explosive environments
- Forged after casting to provide higher mechanical properties
- Weight: 700g



| Item Code | Description      | Bishops Code |
|-----------|------------------|--------------|
| 70490     | Copper Beryllium | 61003186     |
| 71745     | Aluminium Bronze | 61003188     |

**INDESTRUCTIBLE HANDLE BALL PEIN HAMMERS**



- Indestructible handle made up of 2 spring steel bars
- Bars locked with hammer head using steel locking plate ensuring that the head never gets dislodged
- Ergonomic rubber grip handle absorbs vibration



| Item Code  | Weight      | Bishops Code |
|------------|-------------|--------------|
| BPID/24/14 | 720g (24oz) | 61003182     |
| BPID/32/14 | 950g (32oz) | 61003184     |





# CLUB & SLEDGE HAMMERS

HAND & CUTTING TOOLS

## CLUB/LUMP HAMMERS

- High quality alloy steel
- DIN6475



| Item Code | Face Dia. | Head Length | Head Weight | Length | Weight | Bishops Code |
|-----------|-----------|-------------|-------------|--------|--------|--------------|
| 7833-15   | 45mm      | 110mm       | 1.5kg       | 280mm  | 1.77kg | 63532020     |
| 7833-20   | 50mm      | 120mm       | 2.0kg       | 300mm  | 2.14kg | 63532040     |

## INDESTRUCTIBLE HANDLE CLUB HAMMERS

- The indestructible handle is made from four spring steel bars running through the length of the handle
- Ergonomic rubber grip absorbs vibration and reduces fatigue
- The head is locked to the handle with steel locking plates, ensuring the head never becomes dislodged
- The hammer head is forged from special steel and induction case hardened 52-56HRC
- Ideally suited for demolition work where the struck surface is softer than the hammer head



| Item Code   | Length      | Weight | Bishops Code |
|-------------|-------------|--------|--------------|
| CHID/2.5/12 | 300mm (12") | 1.1kg  | 63532010     |
| CHID/4/12   | 300mm (12") | 1.8kg  | 63532012     |
| CHID/4/16   | 400mm (16") | 1.8kg  | 63532014     |

## INDESTRUCTIBLE HANDLE COPPER HEAD HAMMERS

- The indestructible handle is made from four spring steel bars running through the length of the handle
- Ergonomic rubber grip absorbs vibration and reduces fatigue
- The head is locked to the handle with steel locking plates, ensuring the head never becomes dislodged
- The head is forged from 99.9% pure copper reducing sparking and marring during use



| Item Code     | Description   | Handle Length | Weight | Bishops Code |
|---------------|---------------|---------------|--------|--------------|
| CHID/4/12/CU  | Club Hammer   | 300mm         | 1.8kg  | 63532018     |
| SHID/8/24/CU  | Sledge Hammer | 600mm         | 3.6kg  | 63534096     |
| SHID/14/30/CU | Sledge Hammer | 750mm         | 6.3kg  | 63534098     |



## SLEDGE HAMMERS

- Well balanced versatile sledge hammer for the building and construction industry
- Forged from tough high tensile carbon manganese steel
- Hardened and tempered faces for increased product life
- Head secured with wooden and metal wedges for added safety
- 5HSH14 is fitted with a tough Australian spotted gum hardwood handle, oiled for long life and user comfort
- Extra thick shoulder to prevent breakages from mis-hits
- 5HSFRH14 is fitted with a fibreglass handle with large sweep at base to prevent loss of grip
- Comfortable thick rubber grip for better protection from shock and vibration
- Weight: 6.3kg (14lb)



5HSH14

| Product Code | Description       | Bishops Code |
|--------------|-------------------|--------------|
| 5HSH14       | Wooden Handle     | 63534090     |
| 5HSFRH14     | Fibreglass Handle | 63534092     |

## FIBREGLASS SLEDGE HAMMERS

- Fibreglass handle with rubber grip
- Steel hammer head



| Weight       | Bishops Code |
|--------------|--------------|
| 1.8kg (4lb)  | 63534020     |
| 3.6kg (8lb)  | 63534040     |
| 4.5kg (10lb) | 63534060     |
| 5.4kg (12lb) | 63534080     |

## INDESTRUCTIBLE HANDLE SLEDGE HAMMERS



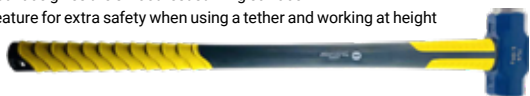
- The indestructible handle is made from four spring steel bars running through the length of the handle
- Ergonomic rubber grip absorbs vibration and reduces fatigue
- The head is locked to the handle with steel locking plates, ensuring the head never becomes dislodged
- Heavy duty 52HRC head is forged from special steel and ideally suited for demolition work where the struck surface is softer than the hammer head
- The soft face head is forged from special steel and case hardened 30-35HRC
- The softer head is designed to mushroom on impact preventing damage to the struck surfaces
- 750mm (30") handle



| Item Code     | Description            | Weight | Bishops Code |
|---------------|------------------------|--------|--------------|
| SHID/6/30     | Heavy Duty 52 HRC Head | 2.7kg  | 63534082     |
| SHID/8/30     | Heavy Duty 52 HRC Head | 3.6kg  | 63534084     |
| SHID/10/30    | Heavy Duty 52 HRC Head | 4.5kg  | 63534086     |
| SHID/12/30    | Heavy Duty 52 HRC Head | 5.5kg  | 63534087     |
| SHID/14/30    | Heavy Duty 52 HRC Head | 6.3kg  | 63534088     |
| SHID/SF/10/30 | Soft Face 30 HRC Head  | 4.5kg  | 63534112     |
| SHID/SF/12/30 | Soft Face 30 HRC Head  | 5.5kg  | 63534113     |

### SLEDGE HAMMERS

- Well-balanced versatile sledge hammer for building, construction, mining and demolition work
- Hardened and tempered steel head (above 50HRC) gives precision striking force, durability and longevity
- Unique reinforced, ribbed design, shock absorbing fibreglass handle
- Steel wedged hammer head holds more than 11,000N of pull force and in accordance with BS 876:1995
- CNC machined face gives the smoothest striking surface
- Tether hole feature for extra safety when using a tether and working at height



| Item Code  | Head Weight  | Handle Length | Total Weight |
|------------|--------------|---------------|--------------|
| 9HS5GFH1.8 | 1.8kg (4lb)  | 380mm         | 2.15kg       |
| 9HS5GFH3.5 | 3.15kg (7lb) | 900mm         | 4.53kg       |
| 9HS5GFH4.5 | 4.5kg (10lb) | 900mm         | 5.89kg       |
| 9HS5GFH6.3 | 6.3kg (14lb) | 900mm         | 7.71kg       |

**SPECIAL ORDER: PLEASE QUOTE ITEM CODE UPON ORDERING THIS PRODUCT**

### NORMALISED SLEDGE HAMMERS

- Well-balanced versatile sledge hammer for building, construction, mining and demolition work
- Normalised hammer head features a softer face (below 20HRC) that will mushroom – ideal for applications where the risk of chipping needs to be minimised
- Unique reinforced, ribbed design, shock absorbing fibreglass handle
- Steel wedged hammer head holds more than 11,000N of pull force and in accordance with BS 876:1995
- CNC machined face gives the smoothest striking surface
- Tether hole feature for extra safety when using a tether and working at height



| Item Code   | Head Weight  | Handle Length | Total Weight |
|-------------|--------------|---------------|--------------|
| 9NHS5GFH1.8 | 1.8kg (4lb)  | 380mm         | 2.15kg       |
| 9NHS5GFH3.5 | 3.15kg (7lb) | 900mm         | 4.53kg       |
| 9NHS5GFH4.5 | 4.5kg (10lb) | 900mm         | 5.89kg       |
| 9NHS5GFH6.3 | 6.3kg (14lb) | 900mm         | 7.71kg       |

**SPECIAL ORDER: PLEASE QUOTE ITEM CODE UPON ORDERING THIS PRODUCT**

### NON-SPARKING COPPER SLEDGE HAMMERS

- Suitable for use in non-sparking environments and for applications where risk of chipping needs to be minimised
- Forged from pure electrolytic copper for a softer blow and pinned through steel core fibreglass handle for added safety
- Comfortable thick rubber grip for better protection from shock and vibration
- Lanyard hole in handle
- Handle length: 900mm



| Item Code   | Head Weight | Bishops Code | Item Code | Head Weight   | Bishops Code |
|-------------|-------------|--------------|-----------|---------------|--------------|
| 5HCFRH06900 | 2.7kg (6lb) | 63536904     | 5HCFRH14  | 6.35kg (14lb) | 63534100     |
| 5HCFRH07    | 7lb         | *5HCFRH07    | 5HCFRH28  | 28lb          | *5HCFRH28    |
| 5HCFRH10    | 10lb        | *5HCFRH10    | -         | -             | -            |

**\* - SPECIAL ORDER: PLEASE QUOTE ITEM CODE UPON ORDERING THIS PRODUCT**

### NON-SPARKING COPPER SLEDGE HAMMERS

- Suitable for use in non-sparking environments and for applications where risk of chipping needs to be minimised
- Copper heads are softer than brass and reduce damage made to threads
- Hammer heads are pinned through the steel core of fibreglass handles for added safety
- Steel core is immersed in glue, with the pin in a blind hole to avoid sparking



| Item Code | Head Weight | Bishops Code | Item Code | Head Weight  | Bishops Code |
|-----------|-------------|--------------|-----------|--------------|--------------|
| 5HCH01    | 1lb         | *5HCH01      | 5HCH03    | 1.36kg (3lb) | 63532042     |
| 5HCH02    | 2lb         | *5HCH02      | 5HCH04    | 1.81kg (4lb) | 63022080     |

**\* - SPECIAL ORDER: PLEASE QUOTE ITEM CODE UPON ORDERING THIS PRODUCT**

### NON-SPARKING COPPER SLEDGE HAMMERS



- For use in potentially explosive environments
- Forged after casting to provide higher mechanical properties
- Weight: 1kg



| Item Code | Bishops Code |
|-----------|--------------|
| 72751     | 63536902     |

### DEAD BLOW HAMMERS

- Solid rubber



| Item Code | Face Dia. | Head Length | Head Weight | Length | Weight  | Bishops Code |
|-----------|-----------|-------------|-------------|--------|---------|--------------|
| 7851-32   | 55mm      | 100mm       | 0.908kg     | 342mm  | 1.090kg | 63020160     |
| 7851-40   | 58mm      | 110mm       | 1.134kg     | 342mm  | 1.218kg | 63020170     |
| 7851-48   | 61mm      | 123mm       | 1.361kg     | 355mm  | 1.511kg | 63020180     |

## GET MORE AT BISHOPS

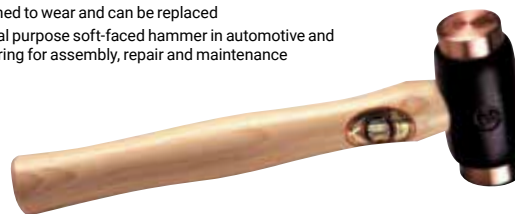


### EARMUFFS

Page 26

### THOR COPPER HAMMERS

- The malleable iron head and cylindrical faces of copper combine to provide the weight for the blow
- The copper faces prevent damage to expensive machined sub components and assemblies
- Ideal where a heavy blow is required within a relatively small striking area
- Faces are designed to wear and can be replaced
- Used as a general purpose soft-faced hammer in automotive and general engineering for assembly, repair and maintenance



| Item Code | Face Dia. | Weight | Bishops Code |
|-----------|-----------|--------|--------------|
| TH310     | 32mm      | 850g   | 63022310     |
| TH312     | 38mm      | 1.30kg | 63022320     |
| TH314     | 44mm      | 1.97kg | 63022330     |
| TH316     | 50mm      | 2.95kg | 63022340     |



# SOFT-FACE MALLETS & HAMMERS

HAND & CUTTING TOOLS

## RUBBER Mallet

- Fibreglass handle with rubber head and grip
- Head size: 76 x 127mm
- Head weight: 900g (32oz)
- Length of handle: 250mm
- Overall length: 330mm



| Bishops Code |
|--------------|
| 63030380     |

## RUBBER Mallet

- Tough rubber head moulded to a lacquered wooden handle
- Head weight: 680g (24oz)
- Overall length: 350mm



| Item Code | Bishops Code |
|-----------|--------------|
| 57.528    | 63030330     |

## RUBBER MALLETS

- Used for metalworking, tiling and automotive work
- Durable rubber head for longer life
- White rubber head for non-marking applications
- Soft faced hammers help reduce damage to striking surface
- Includes tether hole for working at heights
- High-visibility yellow non-slip comfort grip



| WHITE     |        | BLACK     |        |
|-----------|--------|-----------|--------|
| Item Code | Weight | Item Code | Weight |
| 5RMFG16W  | 450g   | 5RMFG16B  | 450g   |
| 5RMFG24W  | 680g   | 5RMFG24B  | 680g   |
| 5RMFG32W  | 900g   | 5RMFG32B  | 900g   |

SPECIAL ORDER: PLEASE QUOTE ITEM CODE UPON ORDERING THIS PRODUCT

## NYLON SOFT-FACE HAMMERS

- Replaceable hammer face
- Nylon tips reduce damage to striking surface
- Shot-filled head to minimise rebound
- High-visibility yellow non-slip comfort grip



| Item Code | Weight |
|-----------|--------|
| 5HSFNT30  | 690g   |
| 5HSFNT40  | 830g   |
| 5HSFNT50  | 1.09kg |

SPECIAL ORDER: PLEASE QUOTE ITEM CODE UPON ORDERING THIS PRODUCT

# SOFT FACED HAMMERS – COMMON MATERIALS

**Copper**, as a much softer metal than steel, will deform first, avoiding damage to delicate and critical components.

**Rawhide** faces are useful for regulating impact force and delivering gentle yet firm blows. Enjoy increased safety, reduced noise and the versatility of rotatable and replaceable faces.

**Rubber** faced hammers are highly versatile and often employed in woodworking. The common black rubber can mark a surface, so make sure to use a non-marking grey rubber in critical applications.

**Nylon** faces are ideal for striking harder metals such as steel or delivering non-marring blows. Nylon also has excellent inherent chemical resistance.

## SOFT FACE HAMMERS



- Changeable head
- Polyurethane
- High quality alloy steel



| Item Code | Face Dia. | Head Length | Length | Weight | Bishops Code |
|-----------|-----------|-------------|--------|--------|--------------|
| 7842-22   | 22mm      | 75mm        | 255mm  | 110g   | 63026310     |
| 7842-35   | 35mm      | 100mm       | 325mm  | 305g   | 63026330     |
| 7842-45   | 45mm      | 112mm       | 335mm  | 420g   | 63026350     |
| 7842-60   | 60mm      | 135mm       | 380mm  | 895g   | 63026360     |

| REPLACEMENT FACES – SOFT |      |              | REPLACEMENT FACES – HARD |      |              |
|--------------------------|------|--------------|--------------------------|------|--------------|
| Item Code                | Size | Bishops Code | Item Code                | Size | Bishops Code |
| 91522S                   | 22mm | 63026580     | 91522H                   | 22mm | 63026590     |
| 91528S                   | 28mm | 63026600     | 91535H                   | 35mm | 63026620     |
| 91535S                   | 35mm | 63026630     | 91545H                   | 45mm | 63026650     |
| 91545S                   | 45mm | 63026670     | 91560H                   | 60mm | 63026660     |
| 91560S                   | 60mm | 63026640     | -                        | -    | -            |

## REPLACEMENT HAMMER TIPS

- Nylon and PVC hammer tips to suit 5HSNT Soft Face Hammers



| NYLON     |      | PVC       |      |
|-----------|------|-----------|------|
| Item Code | Size | Item Code | Size |
| 5HNT30    | 30mm | 5HPT30    | 30mm |
| 5HNT40    | 40mm | 5HPT40    | 40mm |
| 5HNT50    | 50mm | 5HPT50    | 50mm |

SPECIAL ORDER: PLEASE QUOTE ITEM CODE UPON ORDERING THIS PRODUCT

## HAND SAWS

- Precision ground teeth
- Length: 550mm (22")
- 7tpi



| Item Code | Description             | Bishops Code |
|-----------|-------------------------|--------------|
| W016014   | Wooden Handle Saw       | 63521025     |
| W016035   | Comfort Grip Handle Saw | 63521028     |

## GENERAL PURPOSE HANDSAW

- Hardened teeth
- 45° and 90° angle guides
- Soft grip handle



| Item Code | Bishops Code |
|-----------|--------------|
| 20-074    | 62546350     |

## HEAVY DUTY HANDSAW

- Triple ground teeth cut on the push and pull
- 45° and 90° angle guides
- Moulded plastic handle with rubber grip for comfort
- Suitable for use on hardwood, green wood, OSB/chip board, honeycomb panel and foam insulation
- Blade thickness: 0.85mm
- Blade length: 550mm
- 8tpi



| Item Code   | Bishops Code |
|-------------|--------------|
| STHT1-20352 | 62546340     |

## MITRE BOX HAND SAW

- Reinforced steel blade
- Comfort grip handle
- Length: 405mm (16")
- 12tpi



| Item Code | Bishops Code |
|-----------|--------------|
| W016040   | 63521035     |

## MITRE BOX

- Heavy duty plastic mitre box
- Attachment points for fixing to work bench
- Guides for cutting 45° and 90° angles



| Item Code | Bishops Code |
|-----------|--------------|
| W016044   | 63521038     |

## JUNIOR HACKSAW



- Quality steel wire frame
- Designed to ensure correct alignment and perfect blade tension during use
- Blade holders prevent the blade protruding from the ends
- Easy to replace blades
- Finished with rust inhibiting powder coating
- Bow depth: 60mm
- 260(l) x 70(h)mm



| Item Code  | Bishops Code |
|------------|--------------|
| JHF/4PD/BU | 63015020     |

## HEAVY DUTY HACKSAW

- Aluminium alloy frame
- Quick release changeable blade
- Length: 305mm (12")



| Item Code | Bishops Code |
|-----------|--------------|
| W016009   | 63521020     |

## HACK SAWS



- Sliding metal bow
- Acrylonitrile butadiene styrene (ABS) + thermoplastic rubber (TPR) handle
- Lightweight and anti-slippery
- Spare blades can be stored
- Adjustable blade length: 305mm



| Item Code | Blade Positions       | Length | Weight | Bishops Code |
|-----------|-----------------------|--------|--------|--------------|
| 7911-12   | 45° & 90°             | 400mm  | 628g   | 63015040     |
| 7921-12   | 45°, 90°, 135° & 180° | 510mm  | 555g   | 63015050     |





# UTILITY CUTTERS, KNIVES & BLADES

HAND & CUTTING TOOLS

## SAFETY CUTTER

- 'Beak' shape design
- Can be used by both left and right-handed users
- Suitable for cutting through packaging, shrink wrap and most plastic straps
- Features an acetone and impact-resistant handle
- Replacement blades sold separately



| Description                  | Bishops Code |
|------------------------------|--------------|
| Safety Cutter                | 62547022     |
| Replacement Blades - 10 Pack | 62547158     |

## SAFETY KNIFE

- Designed with an auto-retracting blade for extra safety while cutting
- Features a powerful return spring and a stainless steel blade channel
- Ergonomic grip for extra comfort
- Suitable for cutting corrugated boxes, paper, cartons and other packaging material
- Can be used by left and right handed users
- Replacement blades sold separately



| Description                 | Bishops Code |
|-----------------------------|--------------|
| Safety Knife                | 62547021     |
| Replacement Blades - 5 Pack | 62547157     |

## HEAVY DUTY CUTTING KNIFE

- Single handed blade with side-locking mechanism
- Suitable for cutting cardboard, roofing, drywall, vinyl, acetates and more
- Replacement blades sold separately



| Description                  | Bishops Code |
|------------------------------|--------------|
| Cutting Knife                | 62547024     |
| Replacement Blades - 10 Pack | 62547159     |

## AUTOMATICALLY RELOADING UTILITY CUTTER

- Automatically reloading snap-off blades
- Ergonomic soft acrylonitrile butadiene styrene (ABS) thermoplastic rubber (TPR) handle
- Stainless steel blade guide
- Blade lock knob
- 4 blade cartridge (18mm)
- Length: 165mm
- Weight: 180g



| Item Code  | Description                            | Bishops Code |
|------------|----------------------------------------|--------------|
| 7971-07    | Automatically Reloading Utility Cutter | 62547025     |
| 7971-07PO2 | Replacement Snap-Off Blades - 10 Pack  | 62547155     |



## PRO SERIES FOLDING UTILITY KNIFE

- 150mm aluminium folding utility knife
- Ideal for heavy industrial use
- Rugged anodised aluminium handle
- Stainless steel mechanism and components
- Quick change button for easy blade changes
- Lock back design, locks open and closed for safety
- Compact lightweight design
- Uses most standard utility knife blades



| Description                 | Bishops Code |
|-----------------------------|--------------|
| 150mm Folding Utility Knife | 62547010     |

## TRADE SERIES RETRACTABLE UTILITY KNIFE

- Ideal for trade use
- Razor sharp tempered SK5 blade
- Ergonomic contoured and textured grip
- Strong and lightweight aluminium alloy housing
- Multi-position retractable blade for all purpose cutting
- Built in blade chamber stores up to five blades
- Lanyard attachment point
- Five utility blades included



| Description                  | Bishops Code |
|------------------------------|--------------|
| Retractable Utility Knife    | 62547065     |
| Replacement Blades - 10 Pack | 62547163     |

## HEAVY DUTY AUTO-RETRACT UTILITY KNIFE

- Heavy duty metal construction with comfortable rubber grip
- Blade safely retracts, even when the thumb is left on the blade slider
- Easy to change blade, no tools required



| Item Code | Bishops Code |
|-----------|--------------|
| 91868080  | 62547050     |

## SAFETY SERIES AUTO-RETRACT UTILITY KNIFE

- Ideal for trade and industrial use
- Auto-retracting steel blade
- Ergonomic contoured and textured grip
- Strong and lightweight aluminium alloy housing
- Oversized blade button
- Easy blade change, no tools required
- Built-in blade chamber stores up to five blades
- Five safety rounded point blades included
- Hi-vis orange for extra visibility



| Description                  | Bishops Code |
|------------------------------|--------------|
| Auto-Retract Safety Knife    | 62547070     |
| Replacement Blades - 10 Pack | 62547170     |



**BOLSTERED GASKET SCRAPER**



- Length: 218mm



| Item Code | Blade Width | Weight | Bishops Code |
|-----------|-------------|--------|--------------|
| 9CJ2112   | 32mm        | 120g   | 62560514     |
| 9CJ2120   | 50mm        | 140g   | 62560520     |

**PINCHWELD SCRAPER**



- Blade width: 19mm
- Length: 168mm
- Weight: 75g



| Item Code | Bishops Code |
|-----------|--------------|
| 9CJ3106   | 62560534     |

**BOLSTERED BENT SCRAPER**



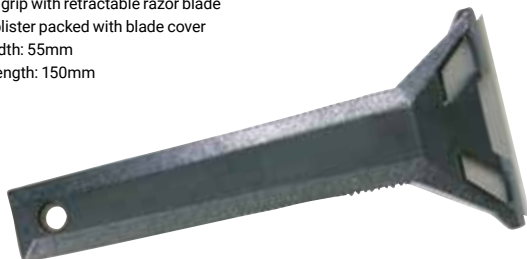
- Blade width: 32mm
- Length: 218mm
- Weight: 120g



| Item Code | Bishops Code |
|-----------|--------------|
| 9CJ2212   | 62560524     |

**WINDOW SCRAPER**

- Removes paint, glue, putty or adhesives
- Comfort grip with retractable razor blade
- Comes blister packed with blade cover
- Blade width: 55mm
- Overall length: 150mm



| Item Code | Bishops Code |
|-----------|--------------|
| SCR-L     | 62560940     |

**PAINT SCRAPERS**

- Comes with Duragrip handle and steel blades
- Blades are fixed



| Blade Width | Bishops Code | Blade Width | Bishops Code |
|-------------|--------------|-------------|--------------|
| 38mm        | 62560030     | 90mm        | 62560375     |
| 50mm        | 62560050     | 100mm       | 62560400     |
| 65mm        | 62560100     | -           | -            |

**INDUSTRIAL MULTI-TOOL PLIERS**

- Stainless steel
- Compact folding design
- Features 15 handy tools for general purpose use
- Comes with nylon pouch



| Item Code | Bishops Code |
|-----------|--------------|
| W014004   | 63521000     |

**GET MORE AT BISHOPS**

**BROOMS**

Page 405



**HAND CLEANERS**

Page 399





## SCREWDRIVERS – PHILLIPS OR SLOTTED?

KING TONY MAKES IT EASY TO GRAB THE RIGHT TOOL!



**Phillips** screwdriver handles are coloured red.



**Slotted** screwdriver handles are coloured blue.



**Insulated** screwdriver handles are coloured yellow and red.

Be careful! Always make sure your insulated tools are genuine and certified.



### 8 PIECE PRECISION SCREWDRIVER SET



- Weight: 0.24kg
- Includes:**
  - 4 x Precision Phillips screwdrivers – PH000 x 40mm, PH00 x 40mm, PH0 x 40mm & PH1 x 40mm
  - 4 x Precision slotted screwdrivers – 1.5 x 40mm, 2.0 x 40mm, 2.5 x 40mm & 3.0 x 40mm



| Item Code | Bishops Code |
|-----------|--------------|
| 32108     | 61026320     |

### 8 PIECE PRECISION SCREWDRIVER SET



- Weight: 0.32kg
- Includes:**
  - 4 x Precision Phillips screwdrivers – PH000 x 75mm, PH00 x 75mm, PH0 x 75mm & PH1 x 75mm
  - 4 x Precision slotted screwdrivers – 1.5 x 75mm, 2.0 x 75mm, 2.5 x 75mm & 3.0 x 75mm



| Item Code | Bishops Code |
|-----------|--------------|
| 32118MR   | 61026340     |

### 4-IN-1 LED SCREWDRIVER SET

- Compact screwdriver set
- Handy size for storing in a tool box
- Suitable for DIY and general purpose use
- Interchangeable tips and bits



| Item Code | Bishops Code |
|-----------|--------------|
| W021174   | 63521043     |

### 6 PIECE HEAVY DUTY TANG-THRU SCREWDRIVER SET



- Shank material: SNCM + V alloy steel
- Polypropylene + thermoplastic rubber (TPR) grip
- Chrome plated with black tips finishing
- Weight: 1.2kg

- Includes:**
- 3 x Heavy duty Phillips screwdrivers – PH1 x 75mm, PH2 x 100mm & PH3 x 150mm
  - 3 x Heavy duty slotted screwdrivers – 5.5 x 100mm, 6.5 x 150mm & 8.0 x 175mm



| Item Code | Bishops Code |
|-----------|--------------|
| 30206MR   | 61026806     |

### 7 PIECE SCREWDRIVER SET



- Weight: 0.72kg
- Includes:**
  - 2 x Phillips screwdrivers – PH1 x 80mm & PH2 x 100mm
  - 5 x slotted screwdrivers – 3 x 75mm, 4 x 100mm, 5.5 x 125mm, 6.5 x 150mm & 8 x 175mm



| Item Code | Bishops Code |
|-----------|--------------|
| 30117MR   | 61026107     |

### 8 PIECE SCREWDRIVER SET

- Chrome-vanadium steel
- Comfort grip handle

- Includes:**
- 4 x Phillips screwdrivers
  - 4 x Slotted screwdrivers



| Item Code | Bishops Code |
|-----------|--------------|
| W000801   | 63521040     |

### 11 PIECE TWO-WAY SCREWDRIVER SET

- Chrome vanadium alloy steel shank
- Polypropylene + thermoplastic rubber (TPR) grip
- Chrome plated finishing
- Shank length: 125mm
- Blow case size: 233(l) x 120(w) x 43(h)mm
- Weight: 0.7kg

**Includes:**

- 1 x Phillips long head double end power bit – PH1 x PH2
- 1 x Pozidriv long head double end power bit – PZ1 x PZ2
- 2 x Slotted long head double end power bits – 4 x 6mm & 5 x 7mm
- 3 x Torx long head double end power bits – T10 x T15, T20 x T25 & T30 x T40
- 3 x Hex ball long head double end power bit – 4 x 4, 5 x 5 & 6 x 6
- 1 x Reversible screwdriver handle



| Item Code | Bishops Code |
|-----------|--------------|
| 32518MR   | 61026104     |

### 9-IN-1 RATCHET SCREWDRIVER SET



- Non-magnetic
- Handle made from thermoplastic vulcanisate and polypropylene
- Bits stored conveniently in the end cap of the screwdriver handle
- Weight: 0.4kg

**Includes:**

- 2 x 1/4" Slotted hex bits – 4 & 5mm
- 3 x 1/4" Phillips hex bits – PH1, PH2 & PH3
- 2 x 1/4" Pozidriv hex bits – PZ1 & PZ2
- 1 x Reversible ratchet
- 1 x 1/4" Bit holder



| Item Code | Bishops Code |
|-----------|--------------|
| 32809MR   | 61026101     |

### 8 PIECE 1,000V INSULATED ROTORK SCREWDRIVER SET



- Insulated to 1,000V

**Includes:**

- 4 x Slotted head screwdrivers – 3 x 100, 4 x 125, 5 x 150 & 6 x 150mm
- 2 x Phillips head screwdrivers – PH1 x 100mm & PH2 x 125mm
- 2 x Pozidriv screwdrivers – PZ1 x 100mm & PZ2 x 125mm



| Item Code | Bishops Code |
|-----------|--------------|
| 76685     | 61026920     |

### 7 PIECE 1,000V INSULATED SCREWDRIVER SET



- SNCM + V alloy steel shank
- Polypropylene + thermoplastic rubber (TPR) grip
- Chrome plated with black tip finishing
- Weight: 0.86kg

**Includes:**

- 3 x Insulated Phillips screwdrivers – PH1 x 100mm, PH2 x 100mm & PH3 x 150mm
- 4 x Insulated slotted screwdrivers – 4 x 100mm, 5.5 x 125mm, 6.5 x 150mm & 8.0 x 175mm



| Item Code | Bishops Code |
|-----------|--------------|
| 30617MR   | 61026910     |

### 14 PIECE STANDARD & INSULATED SCREWDRIVER SET



- Used in the working environment less than 60°C
- Chromium vanadium alloy steel shank
- PVC handle grip
- Chrome plated finish
- Weight: 2.2kg

**Includes:**

- 6 x Phillips screwdrivers – PH0 x 75mm, PH1 x 100mm, PH2 x 100mm, PH2 x 150mm, PH2 x 38mm & PH3 x 150mm
- 6 x Slotted screwdrivers – 3 x 75mm, 4 x 100mm, 5.5 x 100mm, 6.5 x 150mm, 6.5 x 38mm & 8 x 200mm
- 1 x Insulated screwdriver – 6.5 x 150mm
- 1 x Heavy duty screwdriver – 10 x 300mm



| Item Code | Bishops Code |
|-----------|--------------|
| 35114MR   | 61026520     |

### 1/4" DRIVE TORQUE SCREWDRIVER



- 6.3mm (1/4") hex driver for bit
- Automatic adjustment knob design
- Easy to read laser scale
- Ergonomic comfort rubber grip
- Torque range: 1–6Nm
- Increments: 0.1Nm
- Length: 248mm
- Weight: 475g
- Tolerance of torque ±5% quality meets DIN ISO 6789 and ASME B107.14M-2004



| Item Code | Bishops Code |
|-----------|--------------|
| 34111-2DG | 63070004     |







# SCREWDRIVERS

HAND & CUTTING TOOLS

## PHILLIPS SCREWDRIVERS



- SNCM + V alloy steel shank
- Polypropylene + thermoplastic rubber (TPR) grip
- Chrome plated finish with black tip
- Round shank
- DIN ISO 8764



| Item Code  | Size | Shank Length | Bishops Code |
|------------|------|--------------|--------------|
| 14210023   | PH0  | 60mm         | 61024520     |
| 14210132   | PH1  | 80mm         | 61024540     |
| 14210104   | PH1  | 100mm        | 61024560     |
| 14210112   | PH1  | 300mm        | 61024575     |
| 14210214   | PH2  | 38mm         | 61024580     |
| 14210204   | PH2  | 100mm        | 61024600     |
| 14210206   | PH2  | 150mm        | 61024610     |
| 14110208-E | PH2  | 200mm        | 61024612     |
| 14210212   | PH2  | 300mm        | 61024615     |
| 14210306   | PH3  | 150mm        | 61024620     |
| 14810412   | PH4  | 300mm        | 61024625     |

## SLOTTED SCREWDRIVERS



- SNCM + V alloy steel shank
- Polypropylene + thermoplastic rubber (TPR) grip
- Chrome plated finish with black tip
- Round shank
- DIN ISO 2380



| Item Code | Tip Width | Tip Thickness | Shank Length | Bishops Code |
|-----------|-----------|---------------|--------------|--------------|
| 14220303  | 3mm       | 0.5mm         | 75mm         | 61024020     |
| 14220404  | 4mm       | 0.8mm         | 100mm        | 61024040     |
| 14220503  | 5mm       | 0.8mm         | 75mm         | 61024050     |
| 14220504  | 5mm       | 0.8mm         | 100mm        | 61024055     |
| 14220512  | 5mm       | 0.8mm         | 300mm        | 61024058     |
| 14225503  | 5.5mm     | 1mm           | 75mm         | 61024060     |
| 14225504  | 5.5mm     | 1mm           | 100mm        | 61024080     |
| 14225505  | 5.5mm     | 1mm           | 125mm        | 61024090     |
| 14225506  | 5.5mm     | 1mm           | 150mm        | 61024100     |
| 14226514  | 6.5mm     | 1.2mm         | 38mm         | 61024120     |
| 14226504  | 6.5mm     | 1.2mm         | 100mm        | 61024140     |
| 14226506  | 6.5mm     | 1.2mm         | 150mm        | 61024160     |
| 14226512  | 6.5mm     | 1.2mm         | 300mm        | 61024170     |
| 14220806  | 8mm       | 1.2mm         | 150mm        | 61024180     |
| 14220807  | 8mm       | 1.2mm         | 175mm        | 61024200     |
| 14220808  | 8mm       | 1.2mm         | 200mm        | 61024220     |

## PHILLIPS TANG-THRU SCREWDRIVERS



- SNCM + V alloy steel shank
- Polypropylene and thermoplastic rubber (TPR) handle grip
- Chrome plated finish with black tips
- Hex shank
- DIN ISO 8764



| Item Code | Size | Shank Length | Bishops Code |
|-----------|------|--------------|--------------|
| 14610103  | PH1  | 75mm         | 61024860     |
| 14610204  | PH2  | 100mm        | 61024870     |
| 14610306  | PH3  | 150mm        | 61024880     |

## SLOTTED TANG-THRU SCREWDRIVERS



- SNCM + V alloy steel shank
- Polypropylene and thermoplastic rubber (TPR) handle grip
- Chrome plated finish with black tip
- Hex shank
- DIN ISO 2380



| Item Code | Tip Width | Tip Thickness | Shank Length | Bishops Code |
|-----------|-----------|---------------|--------------|--------------|
| 14625504  | 5.5mm     | 1mm           | 100mm        | 61024810     |
| 14626504  | 6.5mm     | 1.2mm         | 100mm        | 61024815     |
| 14626506  | 6.5mm     | 1.2mm         | 150mm        | 61024820     |
| 14620807  | 8mm       | 1.2mm         | 175mm        | 61024830     |

## 1,000V INSULATED PHILLIPS SCREWDRIVERS



- SNCM + V alloy steel shank
- Polypropylene and thermoplastic rubber (TPR) handle grip
- Chrome plated finish with black tip
- Round shank
- IEC 60900:2004



| Item Code | Size | Shank Length | Bishops Code |
|-----------|------|--------------|--------------|
| 14710003  | PH0  | 75mm         | 61024940     |
| 14710104  | PH1  | 100mm        | 61024945     |
| 14710204  | PH2  | 100mm        | 61024950     |
| 14710306  | PH3  | 150mm        | 61024955     |

## 1,000V INSULATED SLOTTED SCREWDRIVERS



- SNCM + V alloy steel shank
- Polypropylene + thermoplastic rubber (TPR) grip
- Chrome plated with black tip finishing
- Round shank
- IEC 60900:2004



| Item Code | Tip Width | Tip Thickness | Shank Length | Bishops Code |
|-----------|-----------|---------------|--------------|--------------|
| 14720303  | 3mm       | 0.5mm         | 75mm         | 61024905     |
| 14720404  | 4mm       | 0.8mm         | 100mm        | 61024910     |
| 14725505  | 5.5mm     | 1.0mm         | 125mm        | 61024920     |
| 14726506  | 6.5mm     | 1.2mm         | 150mm        | 61024925     |
| 14720807  | 8mm       | 1.2mm         | 175mm        | 61024930     |

## 1,000V INSULATED POZIDRIV SCREWDRIVERS



- SNCM + V alloy steel shank
- Polypropylene and thermoplastic rubber (TPR) handle grip
- Chrome plated finish with black tip
- Round shank
- IEC 60900:2004



| Item Code | Size | Shank Length | Bishops Code |
|-----------|------|--------------|--------------|
| 14780003  | PH0  | 75mm         | 61024970     |
| 14780104  | PH1  | 100mm        | 61024975     |
| 14780204  | PH2  | 100mm        | 61024980     |
| 14780306  | PH3  | 150mm        | 61024985     |

### 6 PIECE FOLDING DRIVER HEX KEY SET



- Aluminium
- Folding design suitable for use on bikes
- Includes:**
- 4 x Hex keys – 3, 4, 5 & 6mm
- 1 x Phillips screwdriver – PH2
- 1 x Slotted screwdriver – 5mm



| Item Code | Bishops Code |
|-----------|--------------|
| 20306PR   | 64810530     |

### 7 PIECE FOLDING HEX KEY SET



- Aluminium
- Folding design suitable for use on bikes
- Includes:**
- 7 x hex keys – 1.5, 2, 2.5, 3, 4, 5 & 6mm



| Item Code | Bishops Code |
|-----------|--------------|
| 20317MR   | 64810518     |

### SHORT ARM HEX KEYS – METRIC



- SNCM – V alloy steel
- Chrome plated finish



| Item Code | Size  | Bishops Code | Item Code | Size | Bishops Code |
|-----------|-------|--------------|-----------|------|--------------|
| 114515MR  | 1.5mm | 64830015     | 114506MR  | 6mm  | 64830060     |
| 114502MR  | 2mm   | 64830020     | 114508MR  | 8mm  | 64830080     |
| 114525MR  | 2.5mm | 64830025     | 114510MR  | 10mm | 64830100     |
| 114503MR  | 3mm   | 64830030     | 114512MR  | 12mm | 64830120     |
| 114504MR  | 4mm   | 64830040     | 114514MR  | 14mm | 64830140     |
| 114505MR  | 5mm   | 64830050     | 114517MR  | 17mm | 64830170     |
| 114555MR  | 5.5mm | 64830055     | 114519MR  | 19mm | 64830190     |

### SHORT ARM HEX KEYS – IMPERIAL

- SNCM – V alloy steel
- Chrome plated finish



| Size  | Bishops Code | Size  | Bishops Code | Size  | Bishops Code |
|-------|--------------|-------|--------------|-------|--------------|
| 3/32" | 64820093     | 1/4"  | 64820225     | 5/16" | 64820625     |
| 1/8"  | 64820125     | 5/16" | 64820312     | 3/4"  | 64820750     |
| 9/64" | 64820140     | 3/8"  | 64820375     | 7/8"  | 64820875     |
| 5/32" | 64820156     | 7/16" | 64820437     | 1"    | 64821000     |
| 3/16" | 64820187     | 1/2"  | 64820500     | –     | –            |
| 7/32" | 64820218     | 9/16" | 64820562     | –     | –            |

### LONG ARM HEX KEYS – IMPERIAL



- SNCM – V alloy steel
- Chrome plated finish



| Item Code | Size  | Bishops Code | Item Code | Size  | Bishops Code |
|-----------|-------|--------------|-----------|-------|--------------|
| 112504SR  | 1/8"  | 64840125     | 112510SR  | 5/16" | 64840312     |
| 112505SR  | 5/32" | 64840156     | 112512SR  | 3/8"  | 64840375     |
| 112506SR  | 3/16" | 64840187     | 112516SR  | 1/2"  | 64840500     |
| 112508SR  | 1/4"  | 64840225     | 112518SR  | 9/16" | 64840562     |

### 8 PIECE FOLDING HEX KEY SET



- SNCM + V alloy steel
- Finishing: chrome plated
- Weight: 0.33kg
- Includes:**
- 8 x hex keys – 2, 2.5, 3, 4, 5, 6, 8 & 10mm



| Item Code | Bishops Code |
|-----------|--------------|
| 20218MR   | 64810520     |

### 9 PIECE EXTRA LONG HEX KEY SET



- SNCM + V alloy steel
- Chrome plated finishing
- Weight: 0.44kg
- Includes:**
- 9 x hex keys – 1.5, 2, 2.5, 3, 4, 5, 6, 8 & 10mm



| Item Code | Bishops Code |
|-----------|--------------|
| 20209MR   | 64810110     |

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MAGNETIC PARTS TRAY

Page 162



# HEX BALL, SPLINE & STAR KEYS

HAND & CUTTING TOOLS

## 7 PIECE BALL HEX KEY SET – METRIC

- Long arm
  - SNCM + V alloy steel
  - Chrome plate finishing
  - Weight: 0.37kg
- Includes:**
- 7 x ball hex keys – 2.5, 3, 4, 5, 6, 8 & 10mm



**Item Code**  
20107MR01

**Bishops Code**  
64810220

## 7 PIECE BALL HEX KEY SET – IMPERIAL

- Extra long arm
  - SNCM + V alloy steel
  - Chrome plate finishing
  - Weight: 0.36kg
- Includes:**
- 7 x ball hex keys – 3/32", 1/8", 5/32", 3/16", 1/4", 5/16" & 3/8"



**Item Code**  
20107SR

**Bishops Code**  
64810210

## 8 PIECE FOLDING BALL HEX KEY SET – METRIC

- Chrome-vanadium steel
  - Ball end
- Includes:**
- 8 x Hex keys – 1.5, 2, 2.5, 3, 4, 5, 6 & 8mm



**Item Code**  
W022004

**Bishops Code**  
63521047

## 9 PIECE BALL HEX KEY SET – METRIC

- Extra long arm
  - SNCM + V alloy steel
  - Chrome plate finishing
  - Weight: 0.44kg
- Includes:**
- 9 x ball hex keys – 1.5, 2, 2.5, 3, 4, 5, 6, 8 & 10mm



**Item Code**  
20109MR

**Bishops Code**  
64810240

## 5 PIECE SPLINE L-WRENCH SET

- Extra long
  - L-type
- Includes:**
- 5 x Spline L-wrenches – 5, 6, 8, 10 & 12mm



**Item Code**  
20515PR

**Bishops Code**  
64815850

## 9 PIECE STAR L-WRENCH SET

- SNCM + V alloy steel
  - Chrome plated finishing
  - Weight: 0.3kg
- Includes:**
- 9 x star L-wrenches – T10, T15, T20, T25, T27, T30, T40, T45 & T50



**Item Code**  
20309PR

**Bishops Code**  
64815720

## 7 PIECE TAMPER RESISTANT STAR L-WRENCH SET

- SNCM + V alloy steel
  - Chrome plated finishing
  - Weight: 0.13kg
- Includes:**
- 7 x Star L-wrenches – T10, T15, T20, T25, T27, T30 & T40



**Item Code**  
20407PR

**Bishops Code**  
64815750

## 8 PIECE TORX KEY SET

- Chrome vanadium
- Light and strong aluminium structure handle
- Includes:**
- 8 x Torx keys – T8, T10, T15, T20, T25, T27, T30 & T40



| Item Code | Bishops Code |
|-----------|--------------|
| W022019   | 63521051     |

## 9 PIECE LONG ARM TORX KEY SET



- SNCM – V alloy steel
- Chrome plated finish
- Includes:**
- 9 x Torx (star) wrenches – T10, T15, T20, T25, T27, T30, T40, T45 & T50



| Item Code | Bishops Code |
|-----------|--------------|
| 20319PR   | 64815722     |

## 9 PIECE TAMPER RESISTANT LONG ARM TORX KEY SET



- Extra long arm
- Double length with extra leverage
- SNCM – V alloy steel
- Chrome plated finish
- Includes:**
- 9 x Torx (star) wrenches – T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H & T50H



| Item Code | Bishops Code |
|-----------|--------------|
| 20419PR   | 64815752     |

## BALL HEX KEY WRENCHES



- Hexagon with ball point head
- SNCM + V alloy steel
- Chrome plated with black tip finishing



| Item Code | Size  | Length | Bishops Code | Item Code | Size | Length | Bishops Code |
|-----------|-------|--------|--------------|-----------|------|--------|--------------|
| 116002M   | 2mm   | 150mm  | 64880020     | 116005M   | 5mm  | 215mm  | 64880050     |
| 116025M   | 2.5mm | 150mm  | 64880025     | 116006M   | 6mm  | 215mm  | 64880060     |
| 116003M   | 3mm   | 150mm  | 64880030     | 116008M   | 8mm  | 280mm  | 64880080     |
| 116004M   | 4mm   | 150mm  | 64880040     | 116010M   | 10mm | 280mm  | 64880100     |

## TAMPER RESISTANT TORX HEX KEY WRENCHES



- For Torx internal screw
- Tamper resistant type
- Hexagon with ball point head
- SNCM + V alloy steel
- Chrome plated with black tip finishing



| Item Code | Size | Length | Bishops Code | Item Code | Size | Length | Bishops Code |
|-----------|------|--------|--------------|-----------|------|--------|--------------|
| 116310R   | T10  | 150mm  | 64890010     | 116330R   | T30  | 215mm  | 64890030     |
| 116315R   | T15  | 150mm  | 64890015     | 116340R   | T40  | 215mm  | 64890040     |
| 116320R   | T20  | 150mm  | 64890020     | 116345R   | T45  | 280mm  | 64890045     |
| 116325R   | T25  | 150mm  | 64890025     | 116350R   | T50  | 280mm  | 64890050     |
| 116327R   | T27  | 215mm  | 64890027     | -         | -    | -      | -            |

## 8 PIECE BALL HEX KEY WRENCH SET



- SNCM - V alloy steel
- Chrome plated finish with black tip
- Includes:**
- Sizes: 2, 2.5, 3, 4, 5, 6, 7, 8 & 10mm



| Item Code | Bishops Code |
|-----------|--------------|
| 22108MR   | 64810320     |

## 9 PIECE TORX HEX KEY WRENCH SET



- SNCM + V alloy steel
- Chrome plated finishing with black tip
- Weight: 1kg
- Includes:**
- 9 x Torx wrenches –T10, T15, T20, T25, T27, T30, T40, T45 & T50



| Item Code | Bishops Code |
|-----------|--------------|
| 21309PR   | 64815820     |





# POWER BITS

HAND & CUTTING TOOLS

## DRILL CHUCK ARBORS

- Jacobs taper arbors and taper shank arbors (DIN 238) for precision grinding
- Drill chuck arbors are used to mount a drill chuck or any other tool which has a female taper shank onto a machine which has a female taper shank socket in its workhead
- Manufactured from selected case hardened hi-tensile steel (20 MnCr5/SAE8620)
- Case hardened 54-58 HRC for increased resistance to wear



| Item Code | Description                | Size      | Bishops Code |
|-----------|----------------------------|-----------|--------------|
| G/16/M2   | Taper Shank Arbor, DIN 238 | 2MT x B16 | 76020018     |
| GAT/23    | Jacobs Taper Arbor         | 2MT x JT3 | 76020015     |
| GAT/26    | Jacobs Taper Arbor         | 2MT x JT6 | 76020010     |
| GAT/33    | Jacobs Taper Arbor         | 3MT x JT3 | 76020020     |
| GAT/36    | Jacobs Taper Arbor         | 3MT x JT6 | 76020030     |



## SQUARE HEAD 1/4" HEX SHANK DRIVER

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted
- Length: 25mm



| Item Code | Size | Bishops Code |
|-----------|------|--------------|
| 102501R   | PH1  | 76030530     |
| 102503R   | PH3  | 76030536     |

## PHILLIPS HEAD 5/16" HEX SHANK DRIVER

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted
- DIN 2251-2
- Length: 36mm



| Item Code | Size | Bishops Code |
|-----------|------|--------------|
| 183602P   | PH2  | 61006120     |
| 183603P   | PH3  | 61006140     |

## SLOTTED HEAD 1/4" HEX SHANK DRIVERS

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted
- DIN ISO 2351-1
- Length: 25mm



| Item Code | Tip Size | Tip Thickness | Bishops Code |
|-----------|----------|---------------|--------------|
| 102504S1  | 4mm      | 0.5mm         | 76030205     |
| 102555S1  | 5.5mm    | 0.8mm         | 76030240     |

### GET MORE AT BISHOPS ▶

## PHILLIPS & SLOTTED SCREWDRIVERS

From Page 232



## HEX HEAD 1/4" HEX SHANK DRIVERS



- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted
- DIN ISO 2351-3
- Length: 25mm



| Item Code | Size | Bishops Code |
|-----------|------|--------------|
| 102504H   | 4mm  | 76030498     |
| 102505H   | 5mm  | 76030500     |
| 102506H   | 6mm  | 76030502     |

## SLOTTED HEAD 5/16" HEX SHANK DRIVER



- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted
- DIN 2351-1
- Length: 36mm



| Item Code | Tip Width | Tip Thickness | Bishops Code |
|-----------|-----------|---------------|--------------|
| 183609S   | 9mm       | 1.6mm         | 61006160     |
| 183611S   | 11mm      | 2mm           | 61006180     |

**TORX 1/4" HEX SHANK DRIVER**

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted
- Length: 25mm



| Item Code | Size | Bishops Code |
|-----------|------|--------------|
| 102508T   | T8   | 76030550     |
| 102510T   | T10  | 76030552     |
| 102515T   | T15  | 76030554     |
| 102520T   | T20  | 76030556     |
| 102530T   | T30  | 76030560     |

**POZIDRIV TYPE 1/4" HEX SHANK DRIVER**

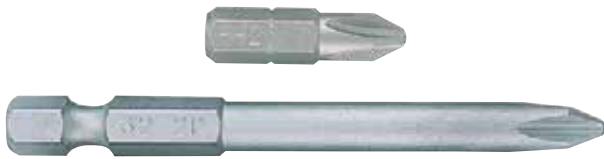
- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted
- DIN ISO 2351-2
- Length: 25mm



| Item Code | Size | Bishops Code |
|-----------|------|--------------|
| 102502Z   | PH2  | 76030415     |
| 102503Z   | PH3  | 76030460     |

**PHILLIPS POWER BITS**

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted
- DIN ISO 2351-2



| Item Code | Size | Length | Bishops Code |
|-----------|------|--------|--------------|
| 134501P   | PH1  | 45mm   | 76030305     |
| 102502P   | PH2  | 45mm   | 76030325     |
| 717002P   | PH2  | 70mm   | 76030345     |
| 102503P   | PH3  | 25mm   | 76030377     |

**DOUBLE ENDED PHILLIPS POWER BITS**

- Silicon chrome vanadium alloy steel (S2)
- Nickel plated
- Long head type



| Item Code | Size | Length | Bishops Code |
|-----------|------|--------|--------------|
| 134502P   | PH2  | 45mm   | 76030360     |
| 136502P   | PH2  | 65mm   | 76030365     |



**32 PIECE BIT SET**

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted
- Plastic case size: 120(l) x 70(w) x 42(h)mm
- Weight: 0.3kg

**Includes:**

- 4 x 1/4" Hex size shank drivers (hexagon head) – H3, H4, H5 & H6
- 3 x 1/4" Hex size shank drivers (Phillips head) – PH1, PH2 x 2 & PH3
- 4 x 1/4" Hex size shank drivers (slotted head) – 3, 4, 5 & 6mm
- 7 x 1/4" Hex size shank drivers (for Torx internal) – T10, T15, T20, T25, T27, T30 & T40
- 7 x 1/4" Hex size shank drivers (for Torx head) – T10, T15, T20, T25, T27, T30 & T40
- 3 x 1/4" Hex size shank drivers (Pozidriv type) – PZ1, PZ2 x 2 & PZ3
- 1 x Magnetic bit holder with Q.R. sleeve
- 1 x Bit adaptor



| Item Code | Bishops Code |
|-----------|--------------|
| 1032CQ    | 76030703     |

**49 PIECE BIT SET**

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted
- Weight: 0.51kg

**Includes:**

- 8 x 1/4" Hex size shank drivers (hexagon head) – H2, H2.5, H3, H4, H5, H6, H7 & H8
- 8 x 1/4" Hex size shank drivers (Phillips head) – PH1, PH2 (6mm), PH2 (4.7mm) & PH3 (2 of each size)
- 6 x 1/4" Hex size shank drivers (slotted head) – 4 x 0.5, 5.5 x 0.8 & 6.5 x 1.2mm (2 of each size)
- 8 x 1/4" Hex size shank drivers (Torx head) – T9, T10, T15, T20, T25, T27, T30 & T40
- 8 x 1/4" Hex size shank drivers (Torx tamper resistant head) – T9H, T10H, T15H, T20H, T25H, T27H, T30H & T40H
- 6 x 1/4" Hex size shank drivers (Pozidriv type) – PZ1, PZ2 & PZ3 (2 of each size)
- 2 x 1/4" Hex size shank drivers (square head) – RB1 & RB2
- 1 x 1/4" Drive bit holder
- 1 x Magnetic bit holder
- 1 x 1/4" Socket adaptor – 25mm



| Item Code | Bishops Code |
|-----------|--------------|
| 1049CQ    | 76030704     |

**NUTSETTERS**

- Chrome vanadium alloy steel
- Anti-rust oiled, sand-blasted
- Magnetic type
- DIN 3126



| Item Code | Size  | Length | Bishops Code |
|-----------|-------|--------|--------------|
| 7616508S  | 1/4"  | 65mm   | 76030610     |
| 7614210S  | 5/16" | 42mm   | 76030620     |
| 7616510S  | 5/16" | 65mm   | 76030630     |
| 7616512S  | 3/8"  | 65mm   | 76030650     |





# RIVETERS & STAPLE GUNS

HAND & CUTTING TOOLS

## RIVETER SET

- Drop-forged aluminium body
- Capacity: Ø4.8mm
- Case size: 276(l) x 160(w) x 46(h)mm
- Weight: 1.06kg

### Includes:

- 1 x 21-20-101 Rivet gun
- 20 x Various rivets – 4.8 x 10mm, 4.8 x 8mm, 4 x 10mm & 4 x 8mm



| Item Code  | Bishops Code |
|------------|--------------|
| 21-20-07MR | 63560320     |

## RIVET GUN

- Drop-forged aluminium body
- Capacity: Ø4.8mm
- Nosepiece: 5/32" (Ø2.4mm), 1/8" (Ø3.2mm), 3/32" (Ø4.0mm) & 3/16" (Ø4.8mm)
- Length: 260mm
- Weight: 0.588kg



| Item Code | Bishops Code |
|-----------|--------------|
| 21-20-101 | 63560520     |

## HEAVY DUTY RIVET GUN

- Drop-forged aluminium body
- Capacity: Ø6.4mm
- Nosepiece: 1/8" (Ø3.2mm), 3/32" (Ø4.0mm), 3/16" (Ø4.8mm) & 1/4" (Ø6.4mm)
- Length: 460mm
- Weight: 1.48kg



| Item Code | Bishops Code |
|-----------|--------------|
| 79711     | 63560540     |

## EXPANDABLE RIVET GUN

- Expandable framework design to press riveter
- Heavy duty riveter for stainless or aluminium rivets
- Length: 315–870mm

### Includes:

- 4 x Interchangeable nozzles – 3.2, 4, 4.8 & 6.4mm



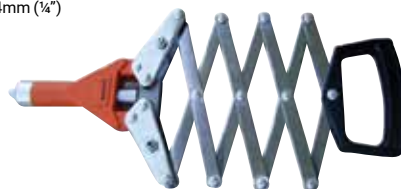
| Item Code | Bishops Code |
|-----------|--------------|
| 79721     | 63560325     |

## LAZY TONG HAND RIVETER

- Heavy duty riveter suited to vehicle maintenance, construction and agriculture applications
- Aluminium die cast body is strong and lightweight
- Steel levers are riveted not bolted
- The jaws are fully hardened and non-wearing

### Includes:

- 5 hardened and replaceable nose bushes – 2.4mm (5/32"), 3.2mm (1/8"), 4mm (5/32"), 4.8mm (3/16") & 6.4mm (1/4")



| Item Code | Bishops Code |
|-----------|--------------|
| LT-6      | 63560580     |

## STAPLE GUN

- Chrome plated steel construction
- Quick and easy staple loading
- Handle lock
- Suitable for large stapling jobs around the home or office
- Suits TRA700 and Arrow T50 staples from 1/4" to 3/16"



| Item Code | Bishops Code |
|-----------|--------------|
| TR110     | 60080550     |

## ALUMINIUM STAPLE GUN

- Aluminium housing
- Heavy duty gun with deep penetration
- Easy-squeeze handle and anti-jam mechanism
- High visibility colour



| Item Code | Bishops Code |
|-----------|--------------|
| TR150     | 60080555     |

## HEAVY DUTY STAPLES

- For heavy duty stapling jobs
- Suitable for heavy duty staple guns
- Narrow crown
- 1,000 per pack



| Item Code | Size         | Bishops Code |
|-----------|--------------|--------------|
| TRA705T   | 8mm (5/16")  | 60080575     |
| TRA706T   | 10mm (3/8")  | 60080580     |
| TRA708T   | 12mm (1/2")  | 60080585     |
| TRA709T   | 14mm (9/16") | 60080590     |

**ROUND MOUTH SHOVELS**

BLACK  JACK

- Carbon steel blade
- Suitable for agricultural, horticultural, building and construction applications



63574600



63574020



63574605

| Description                 | Length  | Blade Size  | Bishops Code |
|-----------------------------|---------|-------------|--------------|
| Wooden Handle               | 1,510mm | 290 x 320mm | 63574600     |
| Wooden Handle with D-Handle | 995mm   | 210 x 280mm | 63574020     |
| Fibreglass Handle           | 1,510mm | 285 x 180mm | 63574605     |

**SQUARE MOUTH SHOVELS**

BLACK  JACK

- Carbon steel blade
- Ideal for soil, sand and other garden materials



63574540



63574580



63574585

| Description                                | Length  | Blade Size  | Bishops Code |
|--------------------------------------------|---------|-------------|--------------|
| Wooden Handle with D-Handle                | 1,030mm | 300 x 220mm | 63574540     |
| Wooden Handle                              | 1,530mm | 280 x 210mm | 63574580     |
| Fibreglass Handle with Plastic Coated Grip | 1,455mm | 315 x 256mm | 63574585     |

**SQUARE MOUTH SHOVEL**



- Fibreglass handle
- Size: 195 x 270 x 1,500mm



| Item Code | Bishops Code |
|-----------|--------------|
| S525-5FL  | 63574590     |

**METAL DRAINAGE SHOVEL**

BLACK  JACK

- Wooden handle
- Carbon steel blade
- D-shape grip
- Sharp square edges produce clean dug walls and minimise disruption of the surrounding soil
- Length: 1,130mm
- Blade dimensions: 135 x 300mm



| Item Code | Bishops Code |
|-----------|--------------|
| S526-1WD  | 63574080     |

**FAN GARDEN RAKE**

- Plastic rake for a wide range of gardening and landscaping jobs
- Ideal for raking litter, leaves, sand and lawn clippings
- Great for top dressing
- Wooden handle
- Head size: 450mm



| Item Code    | Bishops Code |
|--------------|--------------|
| 180-71-07146 | 63534750     |

GET MORE AT BISHOPS 

**WHEELBARROWS**

Page 316



**GRASS TRIMMERS**

Page 154







## TELESCOPIC INSPECTION MIRROR

- Round mirror fitted with pocket clip
- Mirror diameter: 32mm
- Length range: 165–450mm



| Bishops Code |
|--------------|
| 62080140     |

## LARGE TELESCOPIC INSPECTION MIRROR

- Ball joint head swivels to any position
- Mirror diameter: 57mm
- Length range: 254–356mm



| Item Code | Bishops Code |
|-----------|--------------|
| SCMT70188 | 62080150     |

## CLAW TYPE PICKUP TOOL

- Red plastic grip with metal coil spring
- Four pronged claw
- Ideal for picking up objects from hard-to-reach places
- Length: 600mm



| Bishops Code |
|--------------|
| 62080210     |

## MAGNETIC PICKUP TOOLS



- Compact and ergonomic design for comfortable holding
- Enhanced flexible conduit for perfect shaping
- Solid crimping for holding tube and flexible conduit
- More powerful magnetising force
- Comfortable pushing strength
- 0.5kg magnetic power



| Item Code | Length | Bishops Code |
|-----------|--------|--------------|
| 2121-12   | 305mm  | 62080230     |
| 2124-18   | 455mm  | 62080240     |

## 5 PIECE SCRIBER PICK & HOOK SET

- Includes:
- 4 x Scribes
- 1 x Magnetic handle
- Vinyl pouch



| Item Code | Bishops Code |
|-----------|--------------|
| SCMT70265 | 63060800     |

## 4 PIECE HOOK & PICK SET



- For scribing, alignment, installing or removing O-rings, seals and washers
- Tray category #7 to suit King Tony chests and trolleys
- Tray size: 280(l) x 187(w)mm
- Tool length: 260mm (10")

- Includes:
- 1 x Bent pick
- 1 x 90° pick
- 1 x Hook
- 1 x Straight pick



| Item Code | Bishops Code |
|-----------|--------------|
| 9-30904AY | 63060110     |

## 150MM BEARING SCRAPERS



- Designed for removing high spots on machined metal to create a smooth and even surface on slideways, bearings, cast iron surface plates and precision marking out plates
- Manufactured from selected steel and lightly tempered and hardened to 55–60HRc
- Comes with a round wooden handle for comfortable grip
- Ideal for small engineering jobs
- Length: 150mm



| Item Code | Description | Bishops Code |
|-----------|-------------|--------------|
| ES/HR/6   | Half Round  | 63006020     |
| ES/F/6    | Flat        | 63006040     |
| ES/T/6    | Triangular  | 63006060     |

# GET MORE AT BISHOPS



## SCRIBERS

Page 249

**STAINLESS STEEL RULERS**

- Imperial and metric combined rules
- Stainless steel with polished finish and permanently engraved clear to read graduations
- Graduated in metric dimensions on one edge and imperial on the other
- Reverse side of the rule has a permanently engraved metric to imperial conversion table
- One square end and one rounded end with hanging hole



| Item Code | Length        | Bishops Code |
|-----------|---------------|--------------|
| SR/6      | 150mm (6")    | 60020115     |
| SR/12     | 300mm (12")   | 60020120     |
| SR/24     | 600mm (24")   | 60020030     |
| SR/40     | 1,000mm (40") | 60020040     |

**FOLDING PLASTIC RULER**

- Highly durable engineering plastic
- Metric/imperial measurements
- Foldable for convenient storage and portability
- One straight and one bevelled edge
- Length: 1m (3ft)



| Item Code | Bishops Code |
|-----------|--------------|
| 35-445    | 60020110     |

**TAPE MEASURES**

- Metric and imperial measurements
- Super compact
- High quality
- Stainless steel blade
- Belt clip for convenience
- Rubber grip for more comfortable use



| Length | Blade Width | Bishops Code |
|--------|-------------|--------------|
| 3m     | 16mm        | 60080828     |
| 5m     | 19mm        | 60080830     |
| 8m     | 15mm        | 60080845     |
| 10m    | 32mm        | 60080870     |

**HI-VIS TAPE MEASURES**

- Metric measurements
- Compact, high quality
- Hi-vis orange for extra visibility



| Item Code | Length | Blade Width | Bishops Code |
|-----------|--------|-------------|--------------|
| TM5MPRE   | 5m     | 19mm        | 60080180     |
| TM8MPRE   | 8m     | 25mm        | 60080190     |
| TM10MPRE  | 10m    | 25mm        | 60080192     |

**OPEN REEL STEEL TAPE MEASURE**

- High impact ABS case
- Metric graduations
- Ideal for high precision professional jobs
- Acrylic coated carbon steel blade
- Easy-to-read bold numbers
- Length: 50m



| Item Code | Bishops Code |
|-----------|--------------|
|           | 60080330     |

**OPEN REEL FIBREGLASS TAPE MEASURE**

- ABS open reel case
- Metric and imperial graduations
- Ideal for contractors and surveyors, easy to clean and safe from electrical hazards
- Has a high level of longitudinal strength and tensile strength
- Can withstand pulling force of over 200kg
- Case is fitted with an easy-grip winder
- Easy-to-read bold numbers
- Protruding marker at the bottom of the case
- Length: 50m (165ft)



| Item Code | Bishops Code |
|-----------|--------------|
|           | 60080325     |

**OPEN REEL FIBREGLASS TAPE MEASURE**

- ABS open reel case
- Metric and imperial graduations
- Ideal for contractors and surveyors
- Easy to clean and safe from electrical hazards
- Has a high level of longitudinal strength and tensile strength
- Fitted with an easy-grip winder
- Easy-to-read bold numbers
- Length: 100m (330ft)



| Item Code    | Bishops Code |
|--------------|--------------|
| 190-81-07493 | 60080340     |

**OPEN REEL FIBREGLASS TAPE MEASURE**

- Metric graduations
- PVC coated blade can be wound up and is easily cleaned
- Easy to read markings
- Rubber grip for comfort
- Hi-vis yellow
- Length: 60m
- Blade width: 12mm



| Item Code | Bishops Code |
|-----------|--------------|
| 2-34-795  | 60080525     |



# DIPPING TAPE MEASURE, SPIRIT & ANGLE LEVELS & PLUMB BOB

HAND & CUTTING TOOLS

## DIPPING TAPE MEASURE

- 0.25mm thick carbon steel blade
- Easy to read markings against black etched background
- Wooden handle for carrying
- Comes complete with weight set
- Length: 10m



| Item Code | Bishops Code |
|-----------|--------------|
| 34-273    | 60080920     |

## MAGNETIC TORPEDO SPIRIT LEVEL

- Fitted with 3 anti-shock vials
- Accuracy: 1mm/m
- Length: 220mm
- Weight: 110g



| Item Code | Bishops Code |
|-----------|--------------|
| 65158     | 60010060     |

## MAGNETIC TORPEDO SPIRIT LEVEL

- Aluminium frame
- Magnetic groove base
- Rubber end caps for shock protection
- 3 easy to read vials
- Length: 225mm (9")



| Item Code | Bishops Code |
|-----------|--------------|
| W062003   | 63521116     |

## MAGNETIC TORPEDO SPIRIT LEVEL

- 3 vials
- Magnetic base for metal surfaces
- Shock resistant rubber end casings
- Pipe groove for working on rounded surfaces
- Length: 228mm



| Item Code | Bishops Code |
|-----------|--------------|
| 43-511    | 60010040     |

## MAGNETIC SPIRIT LEVEL



- Aluminium
- Fitted with 3 anti-shock vials
- Accuracy: 1mm/m



| Item Code | Length  | Weight | Bishops Code |
|-----------|---------|--------|--------------|
| 651452    | 400mm   | 230g   | 60010210     |
| 651472    | 600mm   | 310g   | 60010220     |
| 651992    | 1,000mm | 900g   | 60010230     |
| 652002    | 1,200mm | 1.00kg | 60010240     |
| 65201     | 1,500mm | 1.25kg | 60010250     |

## I-BEAM MAGNETIC SPIRIT LEVELS

- Aluminium frame
- Rubber end caps for shock protection
- Impact resistant bubble vials
- Magnetic base



63521121

| Item Code | Length        | Bishops Code |
|-----------|---------------|--------------|
| W062009   | 610mm (24")   | 63521119     |
| W062010   | 1,220mm (48") | 63521121     |

## GAM 220 MF PROFESSIONAL ANGLE MEASURER



- Automatic calculation of single and double mitre angles
- Memory function allows for rapid calculation and transfer of frequently used angle dimensions
- Arm extension for measuring in hard-to-reach areas
- Automatic deactivation after approx. 3 mins
- Measurement range: 0–220°
- Measurement accuracy of angles:  $\pm 0.1^\circ$
- Measurement accuracy of vials:  $\pm 0.05^\circ$
- Staple length: 400mm
- Weight: 1.1kg
- Includes:
  - 4 x AA batteries



| Item Code     | Bishops Code |
|---------------|--------------|
| 0.601.076.600 | 60010970     |

## PLUMB BOB

- Solid brass construction
- Replaceable hardened steel tip
- Screw top for easily attaching string to the centre
- Size: 8oz



| Item Code | Bishops Code |
|-----------|--------------|
| 47-973    | 62552120     |

# LASER MEASURING TOOLS

A laser measuring tool sends a pulse of laser light to the target and measures the time it takes for the reflection to return. This method provides fantastic accuracy, efficiency and safety. Most varieties have the ability to level, calculate lengths, areas and volumes and triangulate.

## Range

The range is the maximum distance in which the laser can provide an accurate measure. If you work outdoors, you will want to look for a laser measuring tool with a high range. Some variations can be accurate up to 600m.

## Plumb Line

The plumb line is a beam that shoots vertically upwards and/or downwards from the laser measuring tool. This beam is a 90° reference and assists in the creation of a square layout.

## Surface

A surface laser projects two lasers that cross at a 90° angle. Suitable for tilers, it assists in the checking of floor planarity. Many of these lasers also include a 45° laser for fast and precise aligning.

## Volume

Many laser measuring tools have on-board functions that allow the calculation of volume by taking into account the height, length and width of an area.

Find out how laser measuring tools can save time in your workplace by contacting Bishops today.

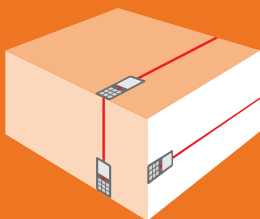
### Measurements:



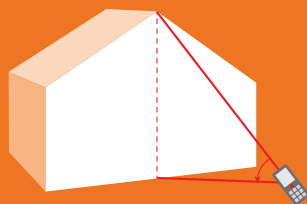
RANGE



AREA



VOLUME



INDIRECT

## GLM 100-25 C LASER RANGEFINDER – 100M



- Precise laser measure for easy indoor and outdoor measuring and documenting
- Accurate, 100m laser measuring thanks to digital camera viewfinder with zoom function
- Large, high-contrast IPS colour display with flip
- Connects via Bluetooth for efficient data documentation
- Area, volume, indirect, continuous, tilt, digital bubble level, trapezium, tripod thread, IP54



| Item Code     | Bishops Code |
|---------------|--------------|
| 0.601.072.YK0 | 60010920     |

## GLM 150 C LASER RANGEFINDER – 150M



- The Bosch Professional GLM 150 C Distance Measurer is an excellent tool for outdoor measurement up to 150m range with its camera viewfinder
- x3 digital zoom and an accuracy of 0.15 mm/m
- See your measurements at ease with its big 2.8" colour display
- Able to calculate the following; area, volume, indirect, double indirect and trapeziums
- Continuous measurements
- Stakeout feature
- Memory of the last 30 measurements
- 360° tilt and digital bubble level
- IP54 dust and splash protection rated
- Bluetooth compatible with the free Bosch Measuring Master app for data transfer and management
- Protective pouch included



| Item Code     | Bishops Code |
|---------------|--------------|
| 0.601.072.FK0 | 60010930     |

## GLL 3X 15M LASER LINE



- Compact 3-line laser, a versatile solution for indoor jobs
- Compact, modern and robust design for great mobility and durability
- Easy to use for versatile applications
- Vivid line visibility for maximum work efficiency
- Working range: 15m
- Laser diode: 635nm, <1mW
- Laser class: 2
- Accuracy: ± 0.5 mm/m
- Self-levelling range: ± 4°
- Accepts 4 x AA batteries
- Weight: 0.5kg



| Item Code     | Bishops Code |
|---------------|--------------|
| 0.601.063.CJ0 | 60010925     |





## GOL 26D OPTICAL LEVEL

- Designed for outdoor use due to sturdy metal housing with dust and splash protection (IP54)
- Robust design with built-in target collimator and integrated circular vial
- Compensator lock for safe transport
- 360° measurement
- Magnification: 26x
- Accuracy: ±1.6 mm at 30m
- Working range: 100m
- Operating temperature: -10 to 50°C
- Storage temperature: -20 to 70°C
- Weight: 1.5kg



| Item Code     | Bishops Code |
|---------------|--------------|
| 0.601.068.000 | 60010983     |

## BT 170 HD BUILDING TRIPOD

- Absolutely secure stance on any floor
- Heavy aluminium construction with double banded legs for higher stability
- Optimised working with line, point, rotation laser level and optical level
- Locking clamps for quick adjustment of height and fast disassembling
- Shoulder strap for easy transportation
- Removable rubber base provides protection of indoor floor surfaces
- Work height: 107–165cm
- Weight: 5.5kg



| Item Code     | Bishops Code |
|---------------|--------------|
| 0.601.091.B00 | 60010985     |

## D-TECT 120 UNIVERSAL DETECTOR

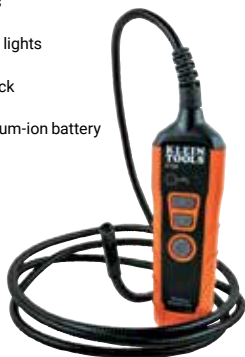
- Detection materials: Metal, AC, wood, live wires, PVC
- Max. detection depth: 120mm
- Dual power source compatible with 10.8V Li-ion battery pack or AA cell battery
- Intuitive use and easily comprehensible results due to "traffic light" LED warning
- Requires no calibration
- Battery not included



| Item Code     | Bishops Code |
|---------------|--------------|
| 0.601.081.3K0 | 60010940     |

## WIFI BORESCOPE

- WiFi Borescope transmits and displays video and images directly to your smartphone up to 9m away
  - Waterproof 9mm camera has 6 on-board, adjustable LED lights and outputs high-quality 640 x 480 images
  - Tough, armoured 1.8m long waterproof camera gooseneck manoeuvres around obstacles while maintaining rigidity
  - Battery status indicator tracks the charge level of the lithium-ion battery
  - Increase and decrease camera LED output either on the Borescope or in the App
  - The App not only acts as a display, but stores and shares images and videos via text or email
  - IP rating: Camera/cable: IP67; Body: IP42
  - 3m drop test safety rating
- Includes:**
- Pocket clip, USB charging cable, hook attachment, carrying case and instructions



| Item Code | Bishops Code |
|-----------|--------------|
| ET20      | 64530400     |

## STANLEY DIGITAL PHOTO TACHOMETER

- Non-contact rpm measurement of moving components
- LED detection beam
- 5 digit LCD display
- Automatic data hold function
- Low battery indicator
- Includes 3 pack reflective tape
- Detection range: 50–500mm (using reflective tape)



| Item Code | Bishops Code |
|-----------|--------------|
| SCMT70934 | 62080120     |

## FLUKE MINI INFRARED THERMOMETER

- Highly accurate
- 10:1 distance to spot ratio
- Single laser targeting
- IP54 rating
- Powered by two AA batteries
- Temperature range: -30°C to 500°C
- Accuracy: ±1.5%
- Dimensions: 175 x 85 x 75mm
- Weight: 255g



| Item Code | Bishops Code |
|-----------|--------------|
| FLU62MAX  | 70530048     |

## DUAL LASER INFRARED THERMOMETER



- Optical resolution (distance-to-spot): 12:1
- Features include dual-laser targeting; auto-scan; max/min/avg/diff; high/low alarm; back-lit display; auto switch-off
- Drop protection: 2m
- Measurement range: -30° to 400° C
- Uses one 9V battery, with battery life expectancy at 10 hours of continuous use with laser and back light on
- Includes customised pouch and batteries
- Adjustable emissivity
- Soft-touch, over-mould housing



| Item Code | Bishops Code |
|-----------|--------------|
| A-IR5     | 64530410     |

## INFRARED THERMOMETER WITH LASER POINTER



- Test the temperature without contacting the object
- IR Point can be displayed clearly
- °C and °F interchangeable functions
- Dark screen backlight test board functions
- Temperature range: -30°C to 550°C (-22 to 1,022°F)
- Resolution: 0.1°C (0.1°F)
- Accuracy: ±2.5% (3°C)
- Emissivity: selectable (0.85/0.90/0.95)
- Distance to spot ratio: 12:1
- Auto power off: 15 seconds
- Laser pointer: class 2 laser < 1mW
- Comes with 1 x 9V battery



| Item Code | Bishops Code |
|-----------|--------------|
| 9DN12     | 64530420     |

## PLASTIC VERNIER CALIPER

- Plastic construction
- Measures both inside and outside
- Range: 0–150mm



| Item Code | Bishops Code |
|-----------|--------------|
| 4825013   | 60280005     |

## VERNIER CALIPERS

- Made from hardened stainless steel
- Can measure inside/outside diameters, depth and steps
- Parallax-free bevel
- Easy to use basic design
- Clear markings for easy reading
- Locking screw
- Graduation: 0.02mm
- Includes storage case



| Size  | Bishops Code |
|-------|--------------|
| 150mm | 60280010     |
| 200mm | 60280020     |
| 300mm | 60280030     |

## VERNIER CALIPERS

- Made from stainless steel and hardened for longer life
- Extra long scale for easier use
- Can take inside, outside, depth and step measurements
- Conversion table on back



| Item Code | Graduations | Accuracy | Length | Bishops Code |
|-----------|-------------|----------|--------|--------------|
| VC/6C     | 0.02mm      | ±0.02mm  | 153mm  | 60280510     |
| VC/8C     | 0.02mm      | ±0.03mm  | 204mm  | 60280520     |
| VC/12C    | 0.02mm      | ±0.04mm  | 305mm  | 60280530     |

## DIAL CALIPERS

- Metal construction
- Shockproof
- Measures both inside and outside
- Also measures depth/step



60280120

| Description | Graduation | Range   | Bishops Code |
|-------------|------------|---------|--------------|
| Metric      | 0.02mm     | 0–150mm | 60280110     |
| Metric      | 0.02mm     | 0–200mm | 60280120     |
| Imperial    | 0.001"     | 0–6"    | 60280130     |

## DIGITAL VERNIER CALIPERS



- Metric and imperial measurements as well as fractions
- All metal construction with no plastic parts



| Item Code | Size        | Bishops Code |
|-----------|-------------|--------------|
| EDF-6C    | 150mm (6")  | 60280270     |
| EDF-8C    | 200mm (8")  | 60280280     |
| EDF-12C   | 300mm (12") | 60280290     |

## DIGITAL VERNIER CALIPER

- Stainless steel
- Metric and imperial scale
- LCD digital display screen
- Range: 0–150mm (0–6")
- Accuracy: 0.02mm (0.001")
- Battery powered
- Auto on/off



| Item Code | Bishops Code |
|-----------|--------------|
| W066002   | 63521124     |

## JENNY CALIPER – FIRM JOINT



- Manufactured from selected steel, the legs are exceptionally rugged and well finished
- The leg that holds the adjustable point is offset, the locating lug is incorporated in the straight leg
- Lug provides additional support to the leg
- Used in layout work for locating and testing centres, laying off distances from an edge etc
- Working faces hardened to 58HRC
- 150mm



| Item Code | Bishops Code |
|-----------|--------------|
| JC/6      | 60002220     |

## SPRING DIVIDERS



- Used for marking on steel or transferring measurements from master templates
- Made from high grade with a polished finish steel and fitted with a spring joint for precision settings
- Fitted with quick nut adjustment
- The legs pivot on a roller and are tensioned by a bow spring
- The large bearing surface on the fulcrum stud prevents side deflection of legs
- Points of the divider are hardened 50-55HRC for increased wear resistance



| Item Code | Size  | Bishops Code |
|-----------|-------|--------------|
| DD/Q/6    | 150mm | 60002320     |
| DD/Q/8    | 200mm | 60002330     |
| DD/Q/12   | 300mm | 60002350     |



# CALIPERS & DIVIDERS, DIAL GAUGES & STANDS

## INSIDE & OUTSIDE CALIPERS – SPRING JOINT

- Designed for taking comparative measurements and transferring the dimensions to a micrometer, precision rule etc.
- Manufactured from selected steel, calipers have a spring joint for precision settings
- Fitted with quick nut adjustment
- The legs pivot on a roller and are tensioned by bow spring.
- The fulcrum stud has a large bearing surface that prevents side deflection of legs
- Divider points are hardened 50-55 HRC for increased wear resistance



| Item Code | Description     | Size  | Bishops Code |
|-----------|-----------------|-------|--------------|
| ID/Q/6    | Inside Caliper  | 150mm | 60002020     |
| ID/Q/8    | Inside Caliper  | 200mm | 60002030     |
| ID/Q/10   | Inside Caliper  | 250mm | 60002040     |
| ID/Q/12   | Inside Caliper  | 300mm | 60002050     |
| OD/Q/6    | Outside Caliper | 150mm | 60002120     |
| OD/Q/8    | Outside Caliper | 200mm | 60002130     |
| OD/Q/10   | Outside Caliper | 250mm | 60002140     |
| OD/Q/12   | Outside Caliper | 300mm | 60002150     |

## 3 PIECE CALIPER & DIVIDER SET

- Made from high grade steel with a black powder coated finish
  - Legs are machined to a smooth taper
  - Suitable for metal and woodworking
  - 150mm
- Includes:**
- 1 x Inside caliper
  - 1 x Outside caliper
  - 1 x Spring divider



| Item Code  | Bishops Code |
|------------|--------------|
| CD/SP/ST-6 | 60002390     |

## DIAL GAUGE

- Carbide ball point and stainless steel spindle
- Fitted with limit pins and outer frame clamp
- Range: 0.01–10mm
- Outside diameter: 57mm



| Item Code | Bishops Code |
|-----------|--------------|
| DLG/P/02C | 60205550     |

## DIAL GAUGES

- Shank diameter: 55mm
- Reading: 0–100



60205050

| Description | Graduation | Range  | Bishops Code |
|-------------|------------|--------|--------------|
| Imperial    | 0.001"     | 0"–1"  | 60205030     |
| Metric      | 0.01mm     | 0–10mm | 60205050     |

## MAGNETIC STAND FOR DIAL GAUGES

- Metal stand has an on/off switch for the magnet
- Fine adjust
- Reach: 300mm



| Item Code | Bishops Code |
|-----------|--------------|
|           | 60205010     |

## MAGNETIC BASE STAND

- Allows dial gauge to be set to any required position
- Suitable for light to medium duty applications
- Magnetic pull of up to 40kg (88lb)
- Fitted with easy to use On/Off control knob
- The stand can be used horizontally, vertically or upside down while the V step holds base to arbors, shafts and chucks
- Base dimensions: 45(l) x 48(w) x 50(h)mm
- Overall height: 245mm
- Spindle mounting thread (Female): M8 x 1.25mm



| Item Code | Bishops Code |
|-----------|--------------|
| MB/25     | 60205015     |

## HIGH POWER MAGNETIC BASE STAND

- Allows dial gauge to be set to any required position
- Fitted with powerful permanent magnets and can be easily situated on any ferrous surface
- Magnetic pull of up to 60kg (130lb)
- The arm has three movable joints and can be set to any desired position
- Attractive grey hammertone finish
- Chrome plated base post and holding rod
- Base dimension: 50(l) x 60(w) x 55(h)mm
- Overall height: 350mm
- Spindle mounting thread (Female): M8 x 1.25mm



| Item Code | Bishops Code |
|-----------|--------------|
| MB/32F    | 60205020     |

## UNIVERSAL SURFACE GAUGE

- Designed for scribing lines, transferring measurements or probing surfaces in inspection work
- Suitable for machinists and toolmakers
- Fully hardened and ground base
- V groove on the base allows the gauge to be used on curved surfaces
- Can be used as both a height and depth gauge
- Suitable for holding a dial gauge
- The tapered scriber tip is hardened to 55-60HRC
- Base dimensions: 80(l) x 63(w)mm
- Spindle length: 300mm with extra 225mm spindle
- Scriber length: 175mm



| Item Code | Bishops Code |
|-----------|--------------|
| SG/9-12   | 60205990     |

**INSIDE MICROMETERS**

- Metric measurements
- Metal construction
- Graduation: 0.01mm
- Supplied in a wooden case



| Range    | Bishops Code |
|----------|--------------|
| 50-250mm | 60230020     |
| 50-600mm | 60230030     |

**DIGITAL EXTERNAL MICROMETERS**



- Metric and Imperial
- Carbide measuring faces
- Accuracy: 0.004mm (0.00016")



| Item Code | Description     | Bishops Code |
|-----------|-----------------|--------------|
| EDM/1     | 0-25mm (0-1")   | 60235710     |
| EDM/2     | 25-50mm (1"-2") | 60235720     |

**OUTSIDE MICROMETERS**

- Metal construction
- Supplied in a protective case



| Description | Graduation | Range    | Bishops Code |
|-------------|------------|----------|--------------|
| Metric      | 0.01mm     | 0-25mm   | 60235010     |
| Metric      | 0.01mm     | 25-50mm  | 60235020     |
| Metric      | 0.01mm     | 50-75mm  | 60235030     |
| Metric      | 0.01mm     | 75-100mm | 60235040     |
| Imperial    | 0.001"     | 0"-1"    | 60235110     |
| Imperial    | 0.001"     | 1"-2"    | 60235120     |
| Imperial    | 0.001"     | 2"-3"    | 60235130     |
| Imperial    | 0.001"     | 3"-4"    | 60235140     |

**6 PIECE MICROMETER SETS**

- Metal construction
- Supplied in a wooden case



| Description | Graduation | Range   | Bishops Code |
|-------------|------------|---------|--------------|
| Metric      | 0.01mm     | 0-150mm | 60235090     |
| Imperial    | 0.001"     | 0"-6"   | 60235190     |

**EXTERNAL MICROMETERS**

- Metric measurements
- Hardened and ground measuring faces
- Thimble and sleeve have a satin chrome finish



| Item Code    | Accuracy | Size     | Bishops Code |
|--------------|----------|----------|--------------|
| EM/01/0-25   | 0.004mm  | 0-25mm   | 60235510     |
| EM/01/25-50  | 0.004mm  | 25-50mm  | 60235520     |
| EM/01/50-75  | 0.005mm  | 50-75mm  | 60235530     |
| EM/01/75-100 | 0.005mm  | 75-100mm | 60235540     |

**OUTSIDE MICROMETER WITH INTERCHANGEABLE ANVILS**

- Metal construction
- Supplied in a wooden case



| Range     | Bishops Code |
|-----------|--------------|
| 0-150mm   | 60235420     |
| 150-300mm | 60235430     |
| 400-500mm | 60235450     |
| 500-600mm | 60235460     |





# MEASURING TOOL SETS & GAUGES

HAND & CUTTING TOOLS

## 6 PIECE ENGINEER'S TOOL SET

- Useful for the apprentice and professional engineer
- Supplied in a durable wallet

### Includes:

- 1 x Inside caliper – 100mm
- 1 x Outside caliper – 100mm
- 1 x Screw cutting gauge
- 1 x Steel rule – 150mm (6")
- 1 x Pocket scriber – 89mm
- 1 x Centre punch – 4mm



| Item Code | Bishops Code |
|-----------|--------------|
| ETS/1/ST  | 60295100     |

## 7 PIECE ENGINEER'S TOOL SET

- Useful for the apprentice and professional engineer
- Supplied in a durable wallet

### Includes:

- 1 x Engineer's precision square – 100mm
- 1 x Jenny caliper – 150mm
- 1 x Steel rule – 150mm (6")
- 1 x Double ended scriber – 190mm
- 1 x Centre punch – 4mm
- 1 x Adjustable tap & reamer wrench (DIN 1814)
- 1 x Spring divider – 100mm



| Item Code | Bishops Code |
|-----------|--------------|
| ETS/2/ST  | 60295110     |

## DEPTH GAUGE WITH ROUND HEAD PROTRACTOR

- Able to measure both angles and depths
- Stainless steel construction
- Protractor head has permanent etched graduations reading 0–180° in both directions
- Combined metric and imperial ruler can be locked in place with the knurled thumbnut
- 150mm(6") ruler
- Angular tolerance: ±0.5°



| Item Code | Bishops Code |
|-----------|--------------|
| PDG/6     | 60210010     |

## BORE GAUGE

- Manufactured from stainless steel with permanently engraved graduations
- Accurate taper throughout the length of the gauge makes it a convenient tool for measuring diameters of small holes and slots
- Imperial graduations on one side and metric on the other
- Ideal tool for die makers, machinists and on inspection floors



| Item Code | Range       | Bishops Code |
|-----------|-------------|--------------|
| BG/1-15   | 1–15mm      | 60210020     |
| BG/1-15IN | 1/32"–5/16" | 60210030     |

## TWIST DRILL GAUGE

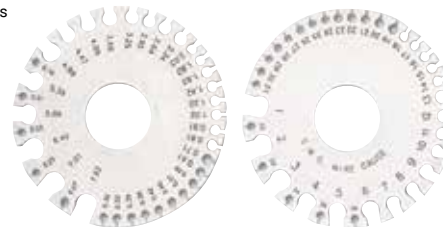
- Stainless steel with a polished finish
- All gauging surfaces are ground
- Used to check angles or twist drills with a 118° point and up to 2" in diameter



| Item Code | Bishops Code |
|-----------|--------------|
| TDG/118   | 60210100     |

## ROUND WIRE GAUGE

- Made from heavy gauge hardened stainless steel
- Can measure steel wire and rolled steel sheeting
- Designed with metric measurements on one side and gauge markings on the other
- Range: 0–36 gauge, 0.19–7.62mm
- Accuracy within 100 microns



| Item Code | Bishops Code |
|-----------|--------------|
| WG/RD/3   | 60210150     |

## CENTRE GAUGES

- Manufactured from stainless steel
- Used for grinding and setting thread cutting tools
- Ideal for checking the pitch of threads through the permanently deep etched imperial graduations
- These gauges meet the American National or US 60° and the Whitworth or English 55° specifications



| Item Code | Description                         | Bishops Code |
|-----------|-------------------------------------|--------------|
| CG-55     | English Standard - 55° Whitworth    | 60240100     |
| CG-60     | US Standard - 60° American National | 60240110     |

## SCREW CUTTING GAUGE

- Stainless steel, hardened and polished
- All gauge surfaces are accurately ground
- Ideal for checking tool angles while cutting threads
- Can measure 55° Whitworth, 60° American, BA, BSF and ACME threads



| Item Code | Bishops Code |
|-----------|--------------|
| SCG/4714  | 60250005     |

## FLEXIGAUGES

- Used for checking clearance of main and connecting rod bearings
- Precision manufactured plastic
- Suitable for automotive, marine and industrial applications
- 310(l) x 30(w) x 30(h)mm
- 10 strips per pack



62052010

| Colour | Range                         | Bishops Code |
|--------|-------------------------------|--------------|
| Green  | 0.025–0.075mm (0.001"–0.003") | 62052010     |
| Red    | 0.051–0.152mm (0.002"–0.006") | 62052020     |
| Blue   | 0.102–0.229mm (0.004"–0.009") | 62052030     |
| Yellow | 0.203–0.406mm (0.008"–0.016") | 62052040     |

## 25 BLADE FEELER GAUGE – METRIC



- Stainless steel blade
- Blade size: 13(w) x 85(l)mm
- Weight: 110g

### Includes:

- Sizes: 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 0.95 & 1.0mm



| Item Code | Bishops Code |
|-----------|--------------|
| 77335-25  | 62020120     |

## FEELER GAUGES – METRIC & IMPERIAL

- Used in engineering and workshops to measure gap widths



62020180

| Description                   | Blade Length | Size Range                     | Bishops Code |
|-------------------------------|--------------|--------------------------------|--------------|
| Imperial – 15 Blades          | 100mm        | 0.02"–0.025"                   | 62020080     |
| Metric – 25 Blades            | 200mm        | 0.05–1.01mm                    | 62020140     |
| Metric – 25 Blades            | 300mm        | 0.05–1.01mm                    | 62020160     |
| Imperial & Metric – 32 Blades | 75mm         | 0.038–0.889mm (0.0015"–0.035") | 62020180     |

## BENT FEELER GAUGE – IMPERIAL

- Used in engineering and workshops to measure gap widths
- Imperial
- 12 blades
- Blade length: 75mm
- Size range: 0.008"–0.026"



| Bishops Code |
|--------------|
| 62020520     |

## THREAD PITCH GAUGES – METRIC & IMPERIAL

- For easy checking of threads on bolts and nuts



| Description | Description | Bishops Code |
|-------------|-------------|--------------|
| Imperial    | 31 Blade    | 60250110     |
| Metric      | 24 Blade    | 60250120     |

## GET MORE AT BISHOPS

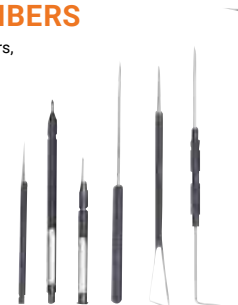


## LATHES

Page 332

## STEEL BODY SCRIBERS

- Suitable for machinists, engravers, mechanics and craftsmen
- Designed for scribing and marking into metal, glass, plastics and ceramics



| Item Code | Description                               | Length | Bishops Code |
|-----------|-------------------------------------------|--------|--------------|
| MS/P/3    | Scriber With Pocket Clip                  | 89mm   | 63060070     |
| MS/ST/9   | Single Ended – Heavy Duty                 | 175mm  | 63060080     |
| MS/7      | Double Ended (Straight/Bent)              | 190mm  | 63060090     |
| MS/H/8    | Double Ended (Straight/Bent) – Heavy Duty | 230mm  | 63060100     |



# SQUARES & BEVELS

HAND & CUTTING TOOLS

## SQUARE LAYOUT TOOL

- Aluminium alloy
- Laser engraved metric scale
- Ideal for measuring length, height and thickness
- Size: 180mm (7")



|           |              |
|-----------|--------------|
| Item Code | Bishops Code |
| W064006   | 63521113     |

## CARPENTERS/RAFTER SQUARE

- Iron metal construction
- Metric and imperial graduations
- 600mm(24") x 400mm(16")



|  |              |
|--|--------------|
|  | Bishops Code |
|  | 60030220     |

## TRY SQUARE

- Cast iron base
- Metric and imperial graduations
- Length: 300mm



|  |              |
|--|--------------|
|  | Bishops Code |
|  | 60030340     |

## ENGINEER'S PRECISION SQUARES

- Precision steel squares that are second to none
- Useful for jobs where extreme accuracy is required
- Hardened spring steel blades are permanently fixed to the stock by means of tapered self locking rivets ensuring complete rigidity
- Blade and stock are precisely ground to ensure straightness and parallelism
- Working edges of the blades are lapped enhancing accuracy
- Groove on the inner corner of the stock aids in the clearance of burr or dirt



| Item Code | Inside Length | Outside Length | Bishops Code |
|-----------|---------------|----------------|--------------|
| SS/A/4    | 100mm         | 75mm           | 60215030     |
| SS/A/6    | 150mm         | 100mm          | 60215040     |
| SS/A/8    | 200mm         | 125mm          | 60215060     |

## CARPENTERS COMBINATION SQUARE

- Horizontal plumb line
- Two-way layout design
- Metal combined elbow allows measuring of different angles
- Metric graduations
- Length: 300mm



|  |              |
|--|--------------|
|  | Bishops Code |
|  | 60030120     |

## COMBINATION SQUARE

- Stainless steel blade rule
- Features square, depth gauge, altimeter, scribe and level
- Size: 300mm (12")



|           |              |
|-----------|--------------|
| Item Code | Bishops Code |
| W064002   | 63521096     |

## SLIDING T-BEVEL

- High impact plastic handle with stainless steel blade
- Cylinder level vial
- Size: 200mm (8")



|           |              |
|-----------|--------------|
| Item Code | Bishops Code |
| W064004   | 63521110     |

## ADJUSTABLE BEVEL

- Suitable for marking dovetails and other unusual angles
- Features an offset slot in the blade to allow a line to be drawn without interference from stock
- Comes with a polished wooden handle, thick brass fittings and a forged steel wingnut
- 250mm



|           |              |
|-----------|--------------|
| Item Code | Bishops Code |
| AB/10     | 60030390     |

## CIRCULAR SAW BLADES

- For handheld circular saws



| Item Code                                       | Diameter | Bore   | Cut Width | Teeth | Bishops Code |
|-------------------------------------------------|----------|--------|-----------|-------|--------------|
| <b>GENERAL PURPOSE FOR WOOD</b>                 |          |        |           |       |              |
| 2608644561                                      | 160mm    | 25.4mm | 2.5mm     | 40    | 49450030     |
| 2608644562                                      | 160mm    | 25.4mm | 2.5mm     | 60    | *2608644562  |
| 2608644585                                      | 184mm    | 20mm   | 2.5mm     | 20    | *2608644585  |
| 2608644564                                      | 184mm    | 20mm   | 2.5mm     | 40    | 49450045     |
| 2608644565                                      | 184mm    | 20mm   | 2.5mm     | 60    | *2608644565  |
| 2608644567                                      | 210mm    | 25mm   | 2.5mm     | 40    | *2608644567  |
| 2608644572                                      | 235mm    | 25mm   | 2.5mm     | 40    | 49450224     |
| <b>GENERAL PURPOSE FOR WOOD &amp; ALUMINIUM</b> |          |        |           |       |              |
| 2608644570                                      | 216mm    | 30mm   | 2.5mm     | 48    | *2608644570  |
| 2608644576                                      | 254mm    | 30mm   | 2.5mm     | 60    | *2608644576  |
| 2608644578                                      | 254mm    | 30mm   | 2.5mm     | 100   | *2608644578  |
| 2608644582                                      | 305mm    | 30mm   | 2.8mm     | 100   | 49450258     |
| <b>MULTI-MATERIAL</b>                           |          |        |           |       |              |
| 2608644598                                      | 184mm    | 20mm   | 2mm       | 60    | *2608644598  |
| 2608644603                                      | 254mm    | 30mm   | 2.7mm     | 80    | *2608644603  |
| 2608644605                                      | 254mm    | 30mm   | 2.7mm     | 120   | *2608644605  |
| 2608644607                                      | 305mm    | 30mm   | 2.7mm     | 100   | 49450262     |

\* - SPECIAL ORDER: PLEASE QUOTE ITEM CODE UPON ORDERING THIS PRODUCT

## CIRCULAR SAW BLADE SETS

- For handheld circular saws
- Suitable for cutting soft wood and hardwood
- Blade diameter: 184mm
- Bore: 20mm
- Cut width: 2.5mm



| Item Code  | Description           | Teeth    |
|------------|-----------------------|----------|
| 2608644583 | 2 Piece Saw Blade Set | 20/40    |
| 2608644584 | 3 Piece Saw Blade Set | 16/24/40 |

SPECIAL ORDER: PLEASE QUOTE ITEM CODE UPON ORDERING THIS PRODUCT

## CORDLESS CIRCULAR SAW BLADE SETS

- For handheld circular saws
- Suitable for cutting soft wood and hardwood
- Blade diameter: 184mm
- Bore: 20mm
- Cut width: 1.6mm



| Item Code  | Description           | Teeth |
|------------|-----------------------|-------|
| 2608644595 | 2 Piece Saw Blade Set | 20/40 |

SPECIAL ORDER: PLEASE QUOTE ITEM CODE UPON ORDERING THIS PRODUCT

## CORDLESS CIRCULAR SAW BLADES

- For cordless handheld and table circular saws
- Suitable for use on soft wood and hardwood

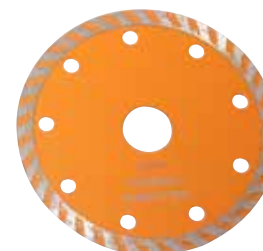


| Item Code                | Diameter | Bore | Cut Width | Teeth | Bishops Code |
|--------------------------|----------|------|-----------|-------|--------------|
| <b>FOR HANDHELD SAWS</b> |          |      |           |       |              |
| 2608644596               | 160mm    | 20mm | 2.5mm     | 40    | *2608644596  |
| 2608840002               | 165mm    | 20mm | 1.6mm     | 18    | *2608840002  |
| 2608840003               | 165mm    | 20mm | 1.6mm     | 24    | *2608840003  |
| 2608840004               | 165mm    | 20mm | 1.6mm     | 40    | *2608840004  |
| 2608644590               | 184mm    | 20mm | 1.6mm     | 20    | *2608644590  |
| 2608644591               | 184mm    | 20mm | 1.6mm     | 40    | *2608644591  |
| 2608644593               | 210mm    | 25mm | 1.8mm     | 40    | 49450125     |
| 2608644594               | 235mm    | 25mm | 1.8mm     | 60    | *2608644594  |
| <b>FOR TABLE SAWS</b>    |          |      |           |       |              |
| 2608644647               | 254mm    | 30mm | 2.2mm     | 40    | *2608644647  |
| 2608644648               | 305mm    | 30mm | 2.2mm     | 60    | *2608644648  |

\* - SPECIAL ORDER: PLEASE QUOTE ITEM CODE UPON ORDERING THIS PRODUCT

## DIAMOND CUTTING BLADES

- For wet and dry cutting
- Diamond crystals embedded in the blade segments make these ideal for cutting through hard or abrasive materials



| Diameter | Bore | Bishops Code |
|----------|------|--------------|
| 110mm    | 20mm | 65080110     |
| 125mm    | 22mm | 65080130     |
| 180mm    | 22mm | 65080150     |

## SEGMENTED DIAMOND BLADES

- For dry cutting
- Diamond crystals embedded in the blade segments make these ideal for cutting through hard or abrasive materials



| Diameter | Bore | Bishops Code |
|----------|------|--------------|
| 110mm    | 20mm | 65080210     |
| 125mm    | 22mm | 65080230     |
| 175mm    | 22mm | 65080250     |
| 230mm    | 22mm | 65080270     |





# DIAMOND, BANDSAW & HACKSAW BLADES

HAND & CUTTING TOOLS

## SEGMENTED DIAMOND BLADE

- Suit concrete floor saw
- For wet cutting
- Diamond crystals embedded in the blade segments make these ideal for cutting through hard or abrasive materials
- Diameter: 300mm
- Bore: 25.4mm
- 22 segments, 17mm deep



| Diameter | Bore   | Bishops Code |
|----------|--------|--------------|
| 300mm    | 25.4mm | 65082300     |

## SEGMENTED DIAMOND BLADE

- For MB14E brick saw
- Cuts normal bricks, tiles and fire bricks
- Diameter: 350mm
- Bore: 25.4mm



| Item Code | Bishops Code |
|-----------|--------------|
| 14BP      | 65082345     |

## ASPHALT DIAMOND BLADES

- For premium wet cutting
- Laser welded
- Diamond crystals embedded in the blade segments make these ideal for cutting through asphalt



| Diameter | Bore   | Bishops Code |
|----------|--------|--------------|
| 350mm    | 25.4mm | 65080350     |
| 500mm    | 25.4mm | 65080500     |

## FLOOR SAW DIAMOND BLADES

### General Purpose:

- For extensive use on materials such as medium aggregate concrete, general masonry products, stock paving bricks, most roofing tiles and hard sandstone

### Concrete:

- For use on hard-non abrasive materials such as very hard concrete, class A engineering bricks, 65–100 Newton clay pavers, hard flint aggregate concrete lintels, kerbs, hard paving slabs, hard clay roof tiles and hard slate

### Asphalt:

- For use on abrasive material such as asphalt, some asphalt over concrete, lime sandstone, abrasive blocks, green concrete and other highly abrasive applications



| Item Code | Description     | Size        | Bishops Code |
|-----------|-----------------|-------------|--------------|
| 18GP      | General Purpose | 450mm (18") | 65082355     |
| 16GC      | Concrete        | 400mm (16") | 65082350     |
| 18AP      | Asphalt         | 450mm (18") | 65082358     |

## BANDSAW BLADES

- High speed steel



| Dimensions         | Thickness | TPI | Bishops Code |
|--------------------|-----------|-----|--------------|
| 1,640(l) x 13(w)mm | 0.65mm    | 14  | 49445010     |
| 2,110(l) x 20(w)mm | 0.9mm     | 10  | 49445015     |
| 2,710(l) x 27(w)mm | 0.9mm     | 4–6 | 49445050     |

## BI-METAL HACKSAW BLADES

- High speed steel
- Flexible blade
- Suitable for cutting hard materials like mould steel
- Size: 300(l) x 13(w)mm



| TPI | Bishops Code |
|-----|--------------|
| 18  | 49410418     |
| 24  | 49410424     |
| 32  | 49410432     |

## ALL HARD HACKSAW BLADES

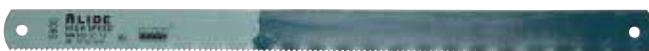
- High speed steel
- Suitable for cutting stainless steel and mould steel
- Size: 300(l) x 13(w)mm



| TPI | Bishops Code |
|-----|--------------|
| 18  | 49410518     |
| 24  | 49410524     |
| 32  | 49410532     |

## ALL HARD POWER HACKSAW BLADES

- High speed steel
- Suitable for cutting ordinary material



| Size       | TPI | Bishops Code | Size       | TPI | Bishops Code |
|------------|-----|--------------|------------|-----|--------------|
| 300 x 25mm | 10  | 49430100     | 400 x 32mm | 10  | 49430300     |
| 300 x 25mm | 14  | 49430110     | 450 x 32mm | 6   | 49430400     |
| 350 x 25mm | 14  | 49430210     | 450 x 38mm | 4   | 49430450     |
| 350 x 32mm | 10  | 49430220     | 450 x 38mm | 6   | 49430460     |

**EXPERT T-SHANK JIGSAW BLADES – WOOD & METAL**



- Bosch Carbide Technology for durability
- Fits T-shank jigsaws



| Item Code                  | Description                                                        | Length | TPI | Qty |
|----------------------------|--------------------------------------------------------------------|--------|-----|-----|
| <b>FAST FOR HARDWOOD</b>   |                                                                    |        |     |     |
| 2608900541                 | T 144 DHM – Hardwood, WPC Wood Plastic                             | 100mm  | 3   |     |
| <b>CLEAN FOR HARDWOOD</b>  |                                                                    |        |     |     |
| 2608900543                 | T308 BF – Plastic Coated Board & Multiplex Board                   | 117mm  | 3   |     |
| 2608900547                 | T308 BFP – Plastic Coated Board & Kitchen Countertop               | 117mm  | 3   |     |
| 2608900549                 | T308 BF & T308 BFP Set – Plastic Coated Board & Kitchen Countertop | 117mm  | 3   |     |
| <b>CLEAN FOR WOOD</b>      |                                                                    |        |     |     |
| 2608900550                 | T308 B – Solid Wood & Plywood                                      | 117mm  | 3   |     |
| 2608900554                 | T308 BO – Solid Wood & Plywood                                     | 117mm  | 3   |     |
| 2608900557                 | T308 BP – Solid Wood & Plywood                                     | 117mm  | 3   |     |
| 2608900559                 | T308 B & T308 BO Set – Solid Wood & Plywood                        | 117mm  | 3   |     |
| <b>FOR STAINLESS STEEL</b> |                                                                    |        |     |     |
| 2608900561                 | T118 AHM – Stainless Steel Sheets                                  | 83mm   | 3   |     |

**SPECIAL ORDER: PLEASE QUOTE ITEM CODE UPON ORDERING THIS PRODUCT**

**EXPERT T-SHANK JIGSAW BLADES – SPECIAL APPLICATIONS**



- Bosch Carbide Technology for durability
- Fits T-shank jigsaws



| Item Code                  | Description                                                   | Length | Pack Qty |
|----------------------------|---------------------------------------------------------------|--------|----------|
| <b>CLEAN FOR LAMINATES</b> |                                                               |        |          |
| 2608900542                 | T128 BHM – Solid Laminate Vinyl, PVC & High Pressure Laminate | 92mm   | 3        |
| <b>MULTI-MATERIAL</b>      |                                                               |        |          |
| 2608900560                 | T367 XHM – Steel, Aluminium, Wood With Metal/Nails & Plastics | 132mm  | 3        |

**SPECIAL ORDER: PLEASE QUOTE ITEM CODE UPON ORDERING THIS PRODUCT**

**EXPERT S-SHANK RECIPROCATING SAW BLADES – WOOD & METAL**



- Bosch Carbide Technology for durability
- Fits all S-shank jigsaws



| Item Code                       | Description                                                     | Length | TPI | Qty |
|---------------------------------|-----------------------------------------------------------------|--------|-----|-----|
| <b>FOR WOOD</b>                 |                                                                 |        |     |     |
| 2608900406                      | S1242 KHM – Construction Wood & Poly Treated Lumber             | 300mm  | 3   | 1   |
| <b>FOR WOOD &amp; METAL</b>     |                                                                 |        |     |     |
| 2608900384                      | S715 LHM – Wood With Metal/Nails                                | 190mm  | 5   | 1   |
| 2608900387                      | S1122 CHM – Hard Nail Pallets                                   | 225mm  | 8   | 1   |
| 2608900396                      | S967 XHM – Wood With Metal/Nails, WPC Wood Plastics & Hardwood  | 150mm  | 5-7 | 1   |
| 2608900401                      | S1267 XHM – Wood With Metal/Nails, WPC Wood Plastics & Hardwood | 300mm  | 5-7 | 1   |
| <b>THIN TOUGH METAL</b>         |                                                                 |        |     |     |
| 2608900359                      | S522 EHM – Stainless Steel Sheets Up To 4mm                     | 115mm  | 18  | 1   |
| 2608900360                      | S922 EHM – Stainless Steel Pipes Up To 4mm                      | 150mm  | 18  | 1   |
| <b>THICK TOUGH METAL</b>        |                                                                 |        |     |     |
| 2608900364                      | S555 CHC – Tough Steel & Cast Iron Up To 12mm                   | 100mm  | 8   | 1   |
| 2608900365                      | S955 CHC – Tough Steel & Cast Iron Up To 12mm                   | 150mm  | 8   | 1   |
| 2608900371                      | S1255 CHC – Tough Steel & Cast Iron Up To 12mm                  | 300mm  | 8   | 1   |
| <b>MEDIUM-THICK TOUGH METAL</b> |                                                                 |        |     |     |
| 2608900373                      | S955 HHM – Tough Steel & Stainless Steel Pipes Up To 8mm        | 150mm  | 10  | 1   |
| 2608900377                      | S1255 HHM – Tough Steel & Stainless Steel Pipes Up To 8mm       | 300mm  | 10  | 1   |

**SPECIAL ORDER: PLEASE QUOTE ITEM CODE UPON ORDERING THIS PRODUCT**

**EXPERT S-SHANK RECIPROCATING SAW BLADES – SPECIAL APPLICATIONS**



- Bosch Carbide Technology for durability
- Fits all S-shank jigsaws



| Item Code                   | Description                                                                      | Length | TPI     | Qty |
|-----------------------------|----------------------------------------------------------------------------------|--------|---------|-----|
| <b>FOR VEHICLE RESCUE</b>   |                                                                                  |        |         |     |
| 2608900378                  | S957 CHM – Tough Steel & Glass Up To 12mm                                        | 150mm  | 8       | 1   |
| 2608900380                  | S1157 CHM – Tough Steel & Glass Up To 12mm                                       | 225mm  | 8       | 1   |
| <b>FOR CEMENT CAST IRON</b> |                                                                                  |        |         |     |
| 2608900383                  | S1750 RD – Cast Iron & Fibre Plastics GFK, CFK Up To 6mm                         | 250mm  | 50 Grit | 1   |
| <b>MULTI-MATERIAL</b>       |                                                                                  |        |         |     |
| 2608900389                  | S956 XHM – Cast Iron, Wood With Metal/Nails, Plastics & Fibre Plastics GFK, CFK  | 150mm  | 6-8     | 1   |
| 2608900394                  | S1256 XHM – Cast Iron, Wood With Metal/Nails, Plastics & Fibre Plastics GFK, CFK | 300mm  | 6-8     | 1   |
| 2608900407                  | S641 HM – Fibre Cement Board, Drywall Board & Aerated Concrete                   | 150mm  | 6       | 1   |
| <b>FOR CONCRETE</b>         |                                                                                  |        |         |     |
| 2608900410                  | S1241 HM – Aerated Concrete                                                      | 300mm  | 3       | 1   |

**SPECIAL ORDER: PLEASE QUOTE ITEM CODE UPON ORDERING THIS PRODUCT**

**GET MORE AT BISHOPS** ▶

**ELECTRIC JIGSAW**

Page 143



# POWER SAW BLADE ATTACHMENTS & CARBIDE BURRS

HAND & CUTTING TOOLS

## EXPERT ACZ 105 ET SEGMENT SAW BLADES

- Cuts through grout and mortar as well as solid surface counter tops, abrasive laminates and composites
- Wide body and large curve of sharp carbide teeth
- Precision, stability, and extreme durability with Bosch Carbide Technology
- Starlock mount for optimum power transfer and convenient blade change
- Diameter: 105mm



| Item Code  | Pack Qty |
|------------|----------|
| 2608664207 | 5        |
| 2608664208 | 1        |

SPECIAL ORDER: PLEASE QUOTE ITEM CODE UPON ORDERING THIS PRODUCT

## EXPERT ACZ 85 RD4 GROUT SEGMENT BLADE

- Bosch Diamond Technology for durable cutting edge and long life
- Pointed segment blade is ideal for precision work into corners
- Starlock mount for optimum power transfer and convenient blade change



| Item Code  | Diameter | Cutting Width | Pack Qty |
|------------|----------|---------------|----------|
| 2608900034 | 85mm     | 2mm           | 1        |

SPECIAL ORDER: PLEASE QUOTE ITEM CODE UPON ORDERING THIS PRODUCT

## EXPERT PLUNGE SAW BLADES

- Bosch Carbide Technology for durability and longevity
- Flat edge is less prone to skidding
- Starlock mount for optimum power transfer and convenient blade change



| Item Code             | Description                                                                 | Width | Immersion Depth | Qty |
|-----------------------|-----------------------------------------------------------------------------|-------|-----------------|-----|
| <b>FOR METAL</b>      |                                                                             |       |                 |     |
| 2608900014            | MetalMax AIZ 32 AIT – Steel & Stainless Steel                               | 32mm  | 40mm            | 1   |
| 2608900015            | MetalMax AIZ 32 AIT – Steel & Stainless Steel                               | 32mm  | 40mm            | 5   |
| 2608900018            | MetalMax AIZ 45 AIT – Steel & Stainless Steel                               | 45mm  | 40mm            | 1   |
| <b>MULTI-MATERIAL</b> |                                                                             |       |                 |     |
| 2608900024            | MultiMax AIZ 32 APIT – Stainless Steel, Brick, Fibre Plastic & Fibre Cement | 32mm  | 40mm            | 1   |

SPECIAL ORDER: PLEASE QUOTE ITEM CODE UPON ORDERING THIS PRODUCT

## CARBIDE BURRS – ALUMNA CUT

- Designed for use on aluminium, brass, copper and soft steel
- Can also be used on non-ferrous materials such as hard plastic, rubber and wood
- Provides easy chip flow and faster stock removal with little or no clogging
- 1/4" shank



| Item Code          | Description | Head Dia. x Length | Overall Length | Max. Speed | Bishops Code |
|--------------------|-------------|--------------------|----------------|------------|--------------|
| <b>CYLINDRICAL</b> |             |                    |                |            |              |
| 32.95111           | Radius End  | 3/8" x 3/4"        | 2 1/2"         | 18,000rpm  | 49290220     |
| 32.95117           | Radius End  | 1/2" x 1"          | 2 3/4"         | 16,000rpm  | 49290240     |
| <b>OVAL</b>        |             |                    |                |            |              |
| 32.95417           | Oval        | 1/2" x 7/8"        | 2 5/8"         | 16,000rpm  | 49290460     |

## CARBIDE BURRS

- Double cut
- Provides greater tool control
- Design and cut results in rapid stock removal in harder materials
- Produces a finer finish and less chipping
- Engineered for heavy duty applications
- More durable due to the depth of the teeth
- Profile of the teeth are less prone to filling up with chips
- 1/4" shank



| Item Code            | Description | Head Dia. x Length | Overall Length | Max. Speed | Bishops Code |
|----------------------|-------------|--------------------|----------------|------------|--------------|
| <b>CYLINDRICAL</b>   |             |                    |                |            |              |
| 32.547               | Plain End   | 1/4" x 5/8"        | 2"             | 33,000rpm  | 49210090     |
| 32.553               | Plain End   | 3/8" x 3/4"        | 2 1/2"         | 27,000rpm  | 49210100     |
| 32.556               | Plain End   | 1/2" x 1"          | 2 3/4"         | 24,000rpm  | 49210200     |
| 32.613               | Radius End  | 1/4" x 5/8"        | 2"             | 33,000rpm  | 49220090     |
| 32.619               | Radius End  | 3/8" x 3/4"        | 2 1/2"         | 27,000rpm  | 49220100     |
| 32.622               | Radius End  | 1/2" x 1"          | 2 3/4"         | 24,000rpm  | 49220200     |
| 32.589               | End Cut     | 1/2" x 1"          | 2 3/4"         | 24,000rpm  | 49225200     |
| <b>TREE</b>          |             |                    |                |            |              |
| 32.703               | Radius End  | 1/4" x 5/8"        | 2"             | 33,000rpm  | 49230080     |
| 32.706               | Radius End  | 3/8" x 3/4"        | 2 1/2"         | 27,000rpm  | 49230100     |
| 32.709               | Radius End  | 1/2" x 1"          | 2 3/4"         | 24,000rpm  | 49230200     |
| 32.688               | Pointed End | 3/8" x 3/4"        | 2 1/2"         | 18,000rpm  | 49240180     |
| 32.694               | Pointed End | 1/2" x 1"          | 2 3/4"         | 16,000rpm  | 49240200     |
| <b>BALL</b>          |             |                    |                |            |              |
| 32.640               | Ball        | 1/4" x 7/32"       | 2"             | 33,000rpm  | 49250060     |
| 32.646               | Ball        | 3/8" x 5/16"       | 2 1/16"        | 27,000rpm  | 49250100     |
| 32.649               | Ball        | 1/2" x 7/16"       | 2 3/16"        | 24,000rpm  | 49250200     |
| <b>FLAME</b>         |             |                    |                |            |              |
| 32.676               | Flame       | 5/16" x 3/8"       | 2 1/2"         | 30,000rpm  | 49260100     |
| 32.679               | Flame       | 3/8" x 1 1/16"     | 2 13/16"       | 30,000rpm  | 49260500     |
| 32.679               | Flame       | 1/2" x 1 1/4"      | 3"             | 24,000rpm  | 49260300     |
| 32.67903             | Flame       | 3/8" x 1 1/16"     | 3 3/16"        | 23,000rpm  | 49260400     |
| 32.67911             | Flame       | 3/4" x 1 5/8"      | 3 3/8"         | 21,000rpm  | 49260450     |
| <b>OVAL</b>          |             |                    |                |            |              |
| 32.664               | Oval        | 3/8" x 1 1/32"     | 2 1 1/2"       | 27,000rpm  | 49270100     |
| 32.667               | Oval        | 1/2" x 3/8"        | 2 5/8"         | 24,000rpm  | 49270200     |
| 32.670               | Oval        | 5/8" x 1"          | 2 3/4"         | 23,000rpm  | 49270300     |
| <b>INVERTED CONE</b> |             |                    |                |            |              |
| 37.035               | Plain End   | 3/8" x 3/8"        | 2 1/2"         | 18,000rpm  | 49280100     |
| <b>TAPER</b>         |             |                    |                |            |              |
| 32.724               | Radius End  | 5/16" x 7/8"       | 2 5/8"         | 30,000rpm  | 49285200     |
| 32.727               | Radius End  | 3/8" x 1 1/16"     | 2 13/16"       | 27,000rpm  | 49285300     |
| 32.730               | Radius End  | 1/2" x 1 3/8"      | 2 7/8"         | 24,000rpm  | 49285400     |
| 32.733               | Radius End  | 5/8" x 1 1/16"     | 3 1/16"        | 23,000rpm  | 49285600     |
| 32.73303             | Radius End  | 3/4" x 1 1/2"      | 3 1/4"         | 21,000rpm  | 49285602     |

## 8 PIECE CARBIDE BURR SET

- Double cut 1/4" shank
- Provides greater tool control and produces a finer finish
- Designed for rapid stock removal
- Suitable for heavy duty applications
- Reduces the size and amount of chipping
- Case dimensions: 3 3/16" x 3 3/16" x 3 3/8"

- Includes burrs:**
- 1 x 1/2" Cylindrical plain end
  - 1 x 1/4" Cylindrical radius end
  - 1 x 3/8" Cylindrical radius end
  - 1 x 3/8" Ball
  - 1 x 1/2" Oval
  - 1 x 1/4" Tree pointed end
  - 1 x 1/2" Tree radius end
  - 1 x 1/2" Deburring 90°



| Bishops Code |
|--------------|
| 49295060     |

# WHAT ARE CARBIDE BURRS?

Carbide burrs are a versatile grinding tool that effectively let you replace hand files all together. Many different types exist, and all with their own special purpose. We have listed some options below.

### Ball

A ball head is used for cutting concave shapes into the material or to hollow out a larger area. Different sizes allow for sharper detail in carving projects.



### Tree

Tree heads are mostly used for rounding off edges to make them smoother or to make concave cuts. The extended tip allows you to reach some of the more difficult areas.



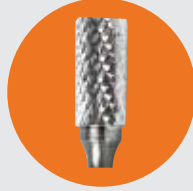
### Cone

Cone heads come in two forms; pointed head or round nose. Both of these are designed for surface finishing, particularly in difficult to reach areas.



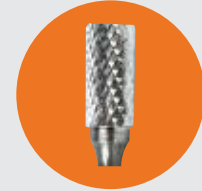
### Cylinder – Plain End

Plain end cylinder heads feature a flat, cut-off end and are mostly designed for finishing. Due to the flat end, they are also suitable for right angled corners.



### Cylinder – End Cut

End cut cylinders are similar to the plain end style except the end piece features a flat cutting edge. The cut head allows for contour finishing at squared angles.



### Cylinder – Rounded End

The rounded end cylinder features a dome head which allows for finishing at a range of different angles.



### Oval

Oval burrs operate much in the same way as the ball head and is ideal for concave cutting and finishing. The extended head allows it reach some difficult areas that the ball head can't.



### Flame

Flame heads allow for open concave cutting and finishing. They operate in a very similar way to oval burrs but with a longer and smoother head.



**Single Cut** burrs are cut with single right handed flutes called up cuts. These are best suited for heavy stock removal on harder materials.

**Alumna Cut** burrs are cut with single right handed flutes with wide spacing between each edge. These are used for soft materials with high stock removal and easy chip flow.

**Double Cut** burrs are cut in a cross formation giving the head more cutting edges. This allows for much quicker stock removal with a smoother finish. This style is best suited for softer materials.

**TIP:** Do not use your burrs in an electric drill. Instead, use them in a die grinder which will spin the burr at the optimal speed. Spin them too slow and you will chip the teeth.

## 5 PIECE CARBIDE BURR SET

- Express cut, also known as double cut burrs
- Bright finish tungsten carbide
- General purpose burrs, ideal for rapid stock removal in ferrous metals
- 1/4" shank

**Includes:**

- 1 x 3/8" Cylindrical end cut burr
- 1 x 3/8" Cylindrical radius burr
- 1 x 1/2" Cylindrical radius burr
- 1 x 3/8" Tree radius burr
- 1 x 1/2" Tree radius burr



| Item Code | Bishops Code |
|-----------|--------------|
| 6400-S5   | 49295050     |

## 5 PIECE CARBIDE BURR SETS

- Bright finish
- Includes:**

- 1 x Cylindrical square burr
- 1 x Cylindrical radius burr
- 1 x Ball burr
- 1 x Tree radius burr
- 1 x Cylindrical radius Al-cut burr



49295200

| Item Code  | Diameter | Bishops Code |
|------------|----------|--------------|
| B900SCB100 | 1/4"     | 49295090     |
| B900SCB300 | 3/8"     | 49295100     |
| B900SCB500 | 1/2"     | 49295200     |





# SELECTING DRILL BITS

## Type Material Coating



**Selecting the correct drill bit** made from the right material will help achieve a great surface finish, hole tolerance, long tool life and overall performance.

**Selecting the wrong drill bit** can lead to short tool life, structural flaws, poor surface finish and prematurely worn or broken drill bits.

### BITS BY TYPE

#### Wood Drill Bits

Identified by the pointed tips with spurs on either side. These spurs grab the wood and carve it away.

#### Masonry Drill Bits

These bits feature a carbide insert at the tip which allows it to drill into hard materials such as stone and cinder.

#### Jobber Drill Bits

These bits are made for general purpose applications. The most common type of drill used in industry, available in many materials and coatings.

#### Step Drill Bits

These bits gradually increase in diameter. Accompanied by either straight transitions, forming a counterbore, or angled transitions, forming a countersink. These are best suited for soft or thin materials.

#### Hole Saws

Hole saws are shaped like an open ended cylinder with saw teeth on the end. These are best suited for cutting large holes in a range of materials.

#### Annular Cutters

Annular cutters leave a solid core at the hole centre. Suitable for drilling large diameters and depths. Commonly used with portable magnetic based drilling machines.

#### Countersink Drill Bits

These specialised drill bits are designed to cut countersink holes in place for countersunk bolts or screws. Countersink drill bits are suitable for a wide range of materials.

### BITS BY MATERIAL & COATING

#### High Speed Steel (HSS)

HSS is a hard and heat resistant material. It is the most commonly used material, suited for general purpose applications.

#### Cobalt

These high performance drills are suitable for harder steels and stainless steel. Cobalt is a much harder material and can dissipate heat better at high temperatures. Widely considered an upgrade from HSS.

#### Carbide

Carbide, commonly used on masonry drill bit inserts, stays sharp for much longer than other materials. It is suitable for use on abrasive materials such as cast iron, non-ferrous metal and fibreglass.

#### Black Oxide (Surface Treatment)

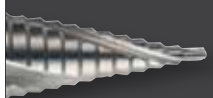
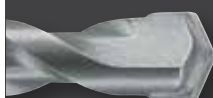
Helps reduce friction and retain coolant, cutting compound or fluid. Best choice for steels, and not recommended for non-ferrous materials.

#### Bright Finish

Bright finish refers to uncoated materials. Polished for increased chip flow. These are suited for most general purpose applications.

#### Titanium Nitride (TiN) Coating

TiN coating provides reduced friction on surfaces, allowing for much higher drilling speeds. It is also very tough for a long tool life. TiN is best suited for metal, wood, PVC and fibreglass.



# SELECTING DRILL BITS

## Shank Size Anatomy



### BITS BY SHANK

#### Hex Shank

A common type of shank due to high torque capabilities. The 6 sides keep it stable when held by a 3 jaw or hex chuck.

#### Straight Shank

The most common shank form due to high centering accuracy with no wobble. The whole of the drill bit, shaft and shank is usually of the same diameter.

#### SDS Shank

SDS shanks are made to be quick loading with the help of specialty chucks. They are developed to suit hammering power tools, such as a rotary hammer, the shank moves up and down slightly within the chuck, acting like a piston when hammered. Not all drills support SDS shanks, so be sure to check compatibility first.

#### Tapered Shank

Tapered shanks are most commonly used within metalworking applications. They fit directly into the drill and lock themselves in place for high centering accuracy. Also referred to as Morse Taper or MTS drills.

#### Reduced Shank

Reduced shanks are often 1/4", 3/8" or 1/2" and are designed to allow larger diameter drills to be used with a chuck capable of only holding smaller diameter drills.

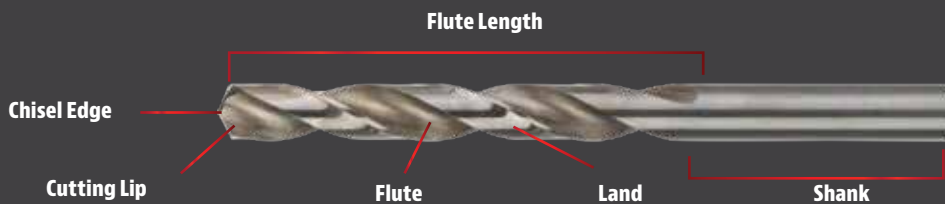
**Can't find the shank you're looking for? Contact Bishops.**

### BITS BY SIZE

#### Metric/Imperial Conversion Chart

| Metric (mm) | Imperial | Metric (mm) | Imperial | Metric (mm) | Imperial |
|-------------|----------|-------------|----------|-------------|----------|
| 0.1         | -        | 7           | -        | 16.272      | 5/16"    |
| 0.2         | -        | 7.144       | 9/32"    | 16.669      | 7/32"    |
| 0.3         | -        | 7.541       | 19/64"   | 17          | -        |
| 0.397       | 1/64"    | 7.938       | 5/16"    | 17.066      | 43/64"   |
| 0.4         | -        | 8           | -        | 17.462      | 11/16"   |
| 0.5         | -        | 8.334       | 7/64"    | 17.859      | 45/64"   |
| 0.6         | -        | 8.731       | 11/32"   | 18          | -        |
| 0.7         | -        | 9           | -        | 18.256      | 23/32"   |
| 0.794       | 1/32"    | 9.128       | 23/64"   | 18.653      | 47/64"   |
| 0.8         | -        | 9.525       | 3/8"     | 19          | -        |
| 0.9         | -        | 9.922       | 25/64"   | 19.05       | 3/4"     |
| 1           | -        | 10          | -        | 19.447      | 49/64"   |
| 1.191       | 3/64"    | 10.319      | 13/32"   | 19.844      | 25/32"   |
| 1.588       | 1/16"    | 10.716      | 21/64"   | 20          | -        |
| 1.9         | -        | 11          | -        | 20.241      | 51/64"   |
| 1.984       | 5/64"    | 11.112      | 7/16"    | 20.638      | 13/16"   |
| 2           | -        | 11.509      | 29/64"   | 21          | -        |
| 2.381       | 3/32"    | 11.906      | 15/32"   | 21.034      | 53/64"   |
| 2.778       | 7/64"    | 12          | -        | 21.431      | 27/32"   |
| 3           | -        | 12.303      | 31/64"   | 21.828      | 55/64"   |
| 3.175       | 1/8"     | 12.7        | 1/2"     | 22          | -        |
| 3.572       | 9/64"    | 13          | -        | 22.225      | 7/8"     |
| 3.969       | 5/32"    | 13.097      | 33/64"   | 22.622      | 57/64"   |
| 4           | -        | 13.494      | 17/32"   | 23          | -        |
| 4.366       | 11/64"   | 13.891      | 35/64"   | 23.019      | 29/32"   |
| 4.762       | 3/16"    | 14          | -        | 23.416      | 59/64"   |
| 5           | -        | 14.288      | 9/16"    | 23.812      | 15/16"   |
| 5.159       | 13/64"   | 14.684      | 37/64"   | 24          | -        |
| 5.556       | 7/32"    | 15          | -        | 24.209      | 61/64"   |
| 5.953       | 15/64"   | 15.081      | 19/32"   | 24.606      | 31/32"   |
| 6           | -        | 15.478      | 39/64"   | 25          | -        |
| 6.35        | 1/4"     | 15.875      | 5/8"     | 25.003      | 63/64"   |
| 6.747       | 11/64"   | 16          | -        | 25.4        | 1"       |

### DRILL BIT ANATOMY





# JOBBER DRILLS

## JOBBER DRILLS

- Blue ferrous
- High speed steel



HAND & CUTTING TOOLS

| Item Code | Size  | Bishops Code | Item Code | Size   | Bishops Code | Item Code | Size   | Bishops Code | Item Code | Size   | Bishops Code | Item Code | Size   | Bishops Code |
|-----------|-------|--------------|-----------|--------|--------------|-----------|--------|--------------|-----------|--------|--------------|-----------|--------|--------------|
| D1020100  | 1mm   | 46020005     | D1020397  | 5/32"  | 46010035     | D1020676  | 17/64" | 46010070     | D1020953  | 3/8"   | 46010105     | D1021250  | 12.5mm | 46020170     |
| D1020119  | 3/64" | 46010009     | D1020400  | 4mm    | 46020060     | D1020700  | 7mm    | 46020110     | D1020992  | 25/64" | 46010110     | D1021269  | 1/2"   | 46010145     |
| D1020150  | 1.5mm | 46020015     | D1020437  | 11/64" | 46010040     | D1020714  | 9/32"  | 46010075     | D1021000  | 10mm   | 46020140     | D1021300  | 13mm   | 46020175     |
| D1020159  | 1/16" | 46010010     | D1020450  | 4.5mm  | 46020075     | D1020750  | 7.5mm  | 46020115     | D1021032  | 13/32" | 46010115     | D1021350  | 13.5mm | 46020180     |
| D1020198  | 5/64" | 46010012     | D1020476  | 3/16"  | 46010045     | D1020754  | 19/64" | 46010080     | D1021050  | 10.5mm | 46020145     | D1021400  | 14mm   | 46020185     |
| D1020200  | 2mm   | 46020025     | D1020500  | 5mm    | 46020080     | D1020794  | 5/16"  | 46010085     | D1021072  | 21/64" | 46010120     | D1021429  | 9/16"  | 46010155     |
| D1020238  | 3/32" | 46010015     | D1020516  | 13/64" | 46010050     | D1020800  | 8mm    | 46020120     | D1021100  | 11mm   | 46020150     | D1021450  | 14.5mm | 46020190     |
| D1020250  | 2.5mm | 46020035     | D1020550  | 5.5mm  | 46020090     | D1020833  | 21/64" | 46010090     | D1021111  | 7/16"  | 46010125     | D1021500  | 15mm   | 46020195     |
| D1020278  | 7/64" | 46010020     | D1020556  | 7/32"  | 46010055     | D1020850  | 8.5mm  | 46020125     | D1021150  | 11.5mm | 46020160     | D1021588  | 5/8"   | 46010160     |
| D1020300  | 3mm   | 46020050     | D1020595  | 15/64" | 46010060     | D1020873  | 11/32" | 46010095     | D1021151  | 23/64" | 46010130     | D1021600  | 16mm   | 46020205     |
| D1020318  | 1/8"  | 46010025     | D1020600  | 6mm    | 46020095     | D1020900  | 9mm    | 46020130     | D1021191  | 15/32" | 46010135     | D1021746  | 11/16" | 46010162     |
| D1020350  | 3.5mm | 46020055     | D1020635  | 1/4"   | 46010065     | D1020913  | 23/64" | 46010100     | D1021200  | 12mm   | 46020165     | -         | -      | -            |
| D1020357  | 3/64" | 46010030     | D1020650  | 6.5    | 46020100     | D1020950  | 9.5mm  | 46020135     | D1021231  | 31/64" | 46010140     | -         | -      | -            |

## COBALT HSS JOBBER DRILLS

- For drilling stainless steel and tough materials



| Item Code  | Size  | Bishops Code | Item Code  | Size   | Bishops Code |
|------------|-------|--------------|------------|--------|--------------|
| 2608588336 | 2.0mm | 46020320     | D1080750   | 7.5mm  | 46020381     |
| D1080250   | 2.5mm | 46020321     | D1080850   | 8.5mm  | 46020386     |
| 2011-3.00  | 3.0mm | 46020330     | 2608588350 | 9.0mm  | 46020390     |
| 2608588339 | 3.5mm | 46020335     | D1080950   | 9.5mm  | 46020393     |
| 2608588340 | 4.0mm | 46020360     | 2608588352 | 10.0mm | 46020400     |
| 2608588341 | 4.5mm | 46020363     | D1081050   | 10.5mm | 46020402     |
| 2608588342 | 5.0mm | 46020365     | 2608588354 | 11.0mm | 46020405     |
| 2608596585 | 5.5mm | 46020367     | D1081150   | 11.5mm | 46020406     |
| 2608588344 | 6.0mm | 46020370     | 2608588356 | 12.0mm | 46020420     |
| 2608588345 | 6.5mm | 46020375     | D1081250   | 12.5mm | 46020421     |
| 2608588346 | 7.0mm | 46020377     | 2608588358 | 13.0mm | 46020425     |
| 2608588348 | 8.0mm | 46020380     | -          | -      | -            |

### GET MORE AT BISHOPS ▶

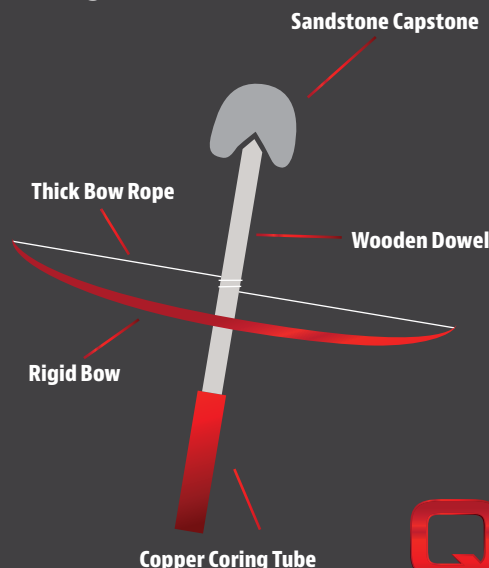


## PNEUMATIC DRILLS

Page 147

# DO YOU KNOW THE DRILL?

Did you know that ancient drilling techniques consisted of using a long copper tube attached to a wooden dowel. They would then use a bow with the string wrapped around the dowel to cut through stone.



**13 PIECE JOBBER DRILL SET – METRIC**

- Economy
  - Bright
  - Plastic case
  - Metric
- Includes:**
- Sizes: 1.5–6.5 x 0.5mm



**Bishops Code**  
46440010

**13 PIECE JOBBER DRILL SET – IMPERIAL**

- Metal case
  - Imperial
- Includes:**
- Sizes: 1/16"–1/4" x 1/64"



**Bishops Code**  
46420010

**25 PIECE JOBBER DRILL SET – METRIC**

- Economy
  - Bright
  - Plastic case
  - Metric
- Includes:**
- Sizes: 1–13 x 0.5mm



**Bishops Code**  
46440100

**29 PIECE JOBBER DRILL SET – IMPERIAL**

- Economy
  - Bright
  - Plastic case
  - Imperial
- Includes:**
- Sizes: 1/16"–1/2" x 1/64"



**Bishops Code**  
46420100

**JOBBER DRILL SETS – METRIC**

- High speed steel
- Cobalt drills come with bronze finish (Gold oxide) for identification purposes. Suitable for stainless and high tensile steels
- Supplied in an ABS case



46445009



46445010

| Item Code     | Range                                     | No. Drill | Bishops Code |
|---------------|-------------------------------------------|-----------|--------------|
| <b>BRIGHT</b> |                                           |           |              |
| 2007-M2       | 1–10 x 0.5mm                              | 19        | 46430020     |
| 2007-M3       | 1–13 x 0.5mm                              | 25        | 46430030     |
| <b>COBALT</b> |                                           |           |              |
| 2011-M5       | 1–6.5mm x 0.5 mm, 7–13mm (1mm Increments) | 19        | 46445010     |
| 2011-M3       | 1–13mm x 0.5mm                            | 25        | 46445009     |

**JOBBER DRILL SETS – METRIC**

- High speed steel
- Drill sets also available with Blue finish which is first choice when drilling ferrous materials



46430031



46430035

| Item Code     | Set No. | Range                               | No. Drill | Case | Bishops Code |
|---------------|---------|-------------------------------------|-----------|------|--------------|
| <b>BRIGHT</b> |         |                                     |           |      |              |
| D101SM1       | SM1     | 1–6.5 x 0.5mm                       | 12        | ABS  | 46410009     |
| D105V3M       | V3M     | 1–13 x 0.5mm (10.5–13 x 10mm Shank) | 25        | ABS  | 46430031     |
| <b>COBALT</b> |         |                                     |           |      |              |
| D109SM3       | SM3     | 1–13 x 0.5mm                        | 25        | ABS  | 46430035     |

**JOBBER DRILL SETS – IMPERIAL**

- High speed steel
- Cobalt drills come with bronze finish (Gold oxide) for identification purposes. Suitable for stainless and high tensile steels
- Supplied in an ABS case



46410020



46420108



46445020

| Item Code     | Range              | No. Drill | Bishops Code |
|---------------|--------------------|-----------|--------------|
| <b>BRIGHT</b> |                    |           |              |
| 2006-F1       | 1/16"–1/4" x 1/64" | 13        | 46410010     |
| 2006-F2       | 1/16"–3/8" x 1/64" | 21        | 46410020     |
| 2006-F3       | 1/16"–1/2" x 1/64" | 29        | 46410030     |
| <b>COBALT</b> |                    |           |              |
| 2010-F5       | 1/16"–1/2" x 1/64" | 21        | 46445020     |
| 2010-F3       | 1/16"–1/2" x 1/64" | 29        | 46420108     |





# JOBBER DRILL SETS & REDUCED SHANK DRILLS

HAND & CUTTING TOOLS

## 29 PIECE JOBBER DRILL SET – IMPERIAL

- High speed steel
- Bright finish
- Drill sets also available with Blue finish which is first choice when drilling ferrous materials



| Item Code | Set No. | Range                                              | No. Drill | Case | Bishops Code |
|-----------|---------|----------------------------------------------------|-----------|------|--------------|
| D105V3    | V3      | 1/16"–1/2" X 1/64"<br>(25/64"–1/2" X 3/64" Shanks) | 29        | ABS  | 46420104     |

## 111 PIECE BRIGHT FINISH DRILL SET – METRIC

- Bright finish high speed steel
- The drills have no surface treatment and come in the as-ground condition
- General purpose drills, particularly suited to non-ferrous applications

Includes:

- Jobber drills – 1, 1.5, 2, 2.5, 3, 3.5 & 4mm (10 of each)
- Jobber drills – 4.5, 5, 5.5, 6, 6.5, 8 & 10mm (5 of each)
- 5 x #30 Double ended panel drills
- 1 x 60ml Cutting fluid



| Item Code | Bishops Code |
|-----------|--------------|
| 2007-MA1  | 46445005     |

## BLUE FLUTE REDUCED SHANK DRILLS

- High speed steel
- Individually packed



| Item Code           | Size    | Bishops Code | Item Code | Size    | Bishops Code |
|---------------------|---------|--------------|-----------|---------|--------------|
| <b>3/8" SHANK</b>   |         |              |           |         |              |
| 2646-1/2            | 1/2"    | 46210010     | –         | –       | –            |
| <b>1/2" SHANK</b>   |         |              |           |         |              |
| D1881588            | 5/8"    | 46210060     | D1882223  | 7/8"    | 46210130     |
| D1881746            | 1 1/16" | 46210080     | D1882540  | 1"      | 46210150     |
| D1881905            | 3/4"    | 46210100     | D1882699  | 1 1/16" | 46210160     |
| D1882064            | 13/16"  | 46210110     | D1883016  | 1 3/16" | 46210180     |
| D1882143            | 27/32"  | 46210120     | D1883175  | 1 1/4"  | 46210190     |
| <b>12.5MM SHANK</b> |         |              |           |         |              |
| D1881350            | 13.5mm  | 46220006     | D1881900  | 19mm    | 46220090     |
| D1881450            | 14.5mm  | 46220020     | D1882000  | 20mm    | 46220100     |
| D1881500            | 15mm    | 46220030     | D1882100  | 21mm    | 46220105     |
| D1881550            | 15.5mm  | 46220031     | D1882200  | 22mm    | 46220110     |
| D1881600            | 16mm    | 46220040     | D1882300  | 23mm    | 46220115     |
| D1881650            | 16.5mm  | 46220050     | D1882400  | 24mm    | 46220120     |
| D1881700            | 17mm    | 46220060     | D1882500  | 25mm    | 46220125     |
| D1881750            | 17.5mm  | 46220070     | D1882600  | 26mm    | 46220126     |
| D1881800            | 18mm    | 46220080     | D1882800  | 28mm    | 46220127     |
| D1881850            | 18.5mm  | 46220085     | D1883000  | 30mm    | 46220128     |

## REDUCED SHANK DRILL SETS



46410064

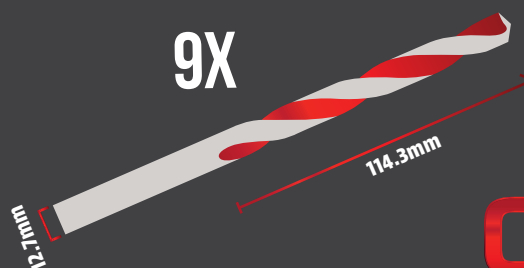
| Item Code | Set No. | Range                                                                                                                                | No. Drills | Case    | Bishops Code |
|-----------|---------|--------------------------------------------------------------------------------------------------------------------------------------|------------|---------|--------------|
| D188SM8R  | SM8R    | 14.0, 15.0, 16.0, 16.5, 18.0, 20.0, 22.0, 25.0 With 12.5mm Shanks                                                                    | 8          | Plastic | 46410062     |
| D188RS16  | RS16    | 17/32", 9/16", 19/32", 5/8", 21/32", 11/16", 23/32", 3/4", 25/32", 13/16", 27/32", 7/8", 29/32", 15/16", 31/32", 1" With 1/2" Shanks | 16         | Plastic | 46410064     |

# DO YOU KNOW THE DRILL?

Did you know that the length of the flute is generally between 9 and 14 times the diameter of the drill bit, depending on the drill bit size?

Eg. A 1/2" (12.7mm) diameter drill will be able to drill a hole 4 1/2" (114.3mm) deep, since it is 9 times the diameter in length.

A 3/8" (9.5mm) diameter drill can drill a hole 1 3/8" (41.3mm) deep, since it is 13 times the diameter in flute length.



## TAPER SHANK DRILLS

- Blue ferrous
- High speed steel



| Item Code          | Size   | Bishops Code | Item Code | Size   | Bishops Code | Item Code | Size   | Bishops Code | Item Code | Size | Bishops Code |
|--------------------|--------|--------------|-----------|--------|--------------|-----------|--------|--------------|-----------|------|--------------|
| <b>NO. 1 MORSE</b> |        |              |           |        |              |           |        |              |           |      |              |
| D1151200           | 12mm   | 46620004     | D1151269  | ½"     | 46610010     | D1151350  | 13.5mm | 46620015     | -         | -    | -            |
| D1151250           | 12.5mm | 46620005     | D1151300  | 13mm   | 46620010     | D1151400  | 14mm   | 46620020     | -         | -    | -            |
| <b>NO. 2 MORSE</b> |        |              |           |        |              |           |        |              |           |      |              |
| D1151500           | 15mm   | 46620023     | D1151700  | 17mm   | 46620028     | D1151905  | ¾"     | 46610090     | D1152100  | 21mm | 46620050     |
| D1151588           | ⅝"     | 46610050     | D1151746  | 1⅜"    | 46610070     | D1151950  | 19.5mm | 46620043     | D1152200  | 22mm | 46620055     |
| D1151600           | 16mm   | 46620025     | D1151750  | 17.5mm | 46620029     | D1152000  | 20mm   | 46620045     | D1152223  | ⅞"   | 46610130     |
| D1151650           | 16.5mm | 46620026     | D1151800  | 18mm   | 46620030     | D1152050  | 20.5mm | 46620047     | D1152300  | 23mm | 46620062     |
| D1151667           | 2⅛"    | 46610060     | D1151900  | 19mm   | 46620040     | D1152064  | 1⅝"    | 46610110     | -         | -    | -            |
| <b>NO. 3 MORSE</b> |        |              |           |        |              |           |        |              |           |      |              |
| D1152350           | 23.5mm | 46620065     | D1152540  | 1"     | 46610170     | D1152858  | 1⅞"    | 46610210     | D1153016  | 1⅜"  | 46610230     |
| D1152381           | 1⅝"    | 46610150     | D1152600  | 26mm   | 46620085     | D1152900  | 29mm   | 46620098     | D1153096  | 1⅞"  | 46610240     |
| D1152400           | 24mm   | 46620070     | D1152700  | 27mm   | 46620092     | D1152937  | 1⅞"    | 46610220     | D1153175  | 1¼"  | 46610250     |
| D1152500           | 25mm   | 46620080     | D1152800  | 28mm   | 46620095     | D1153000  | 30mm   | 46620105     | -         | -    | -            |
| <b>NO. 4 MORSE</b> |        |              |           |        |              |           |        |              |           |      |              |
| D1153334           | 1⅝"    | 46610255     | D1153600  | 36mm   | 46620135     | D1154000  | 40mm   | 46620141     | D1154500  | 45mm | 46620145     |
| D1153493           | 1⅞"    | 46610260     | D1153800  | 38mm   | 46620139     | D1154128  | 1⅞"    | 46610280     | D1154763  | 1⅞"  | 46610300     |
| D1153500           | 35mm   | 46620132     | D1153810  | 1½"    | 46610270     | D1154445  | 1¾"    | 46610290     | D1155080  | 2"   | 46610310     |

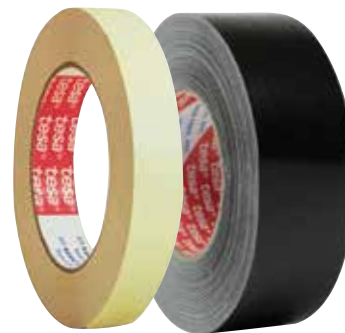
## A GRADE REDUCTION SLEEVES

- Manufactured from case hardened hi-tensile steel (20 MnCr5/SAE8620)
- Fully hardened and are ground on the inside and outside
- Used to adapt smaller morse taper shank tools to larger machine spindles
- The co-centricity and taper angles are precisely controlled which allows perfect locking and concentric movement to the tool held



| Item Code | Description             | Length | Bishops Code |
|-----------|-------------------------|--------|--------------|
| DSA/2-1   | Outside MT2, Inside MT1 | 92mm   | 76040135     |
| DSA/3-1   | Outside MT3, Inside MT1 | 99mm   | 76040130     |
| DSA/3-2   | Outside MT3, Inside MT2 | 112mm  | 76040230     |
| DSA/4-2   | Outside MT4, Inside MT2 | 124mm  | 76040240     |
| DSA/4-3   | Outside MT4, Inside MT3 | 140mm  | 76040340     |
| DSA/5-3   | Outside MT5, Inside MT3 | 156mm  | 76040350     |
| DSA/5-4   | Outside MT5, Inside MT4 | 218mm  | 76040450     |
| DSA/6-3   | Outside MT6, Inside MT3 | 218mm  | 76040360     |
| DSA/6-5   | Outside MT6, Inside MT5 | 218mm  | 76040560     |

## GET MORE AT BISHOPS



**TAPES**  
From Page 337

## TOOL POUCH

Page 162





# MASONRY & HAMMER DRILL BITS

HAND & CUTTING TOOLS

## MASONRY DRILLS

- Single brick
- Ideally suited for use with hammer drills
- Designed for masonry, concrete and brick applications



| Diameter | Length | Bishops Code | Diameter | Length | Bishops Code |
|----------|--------|--------------|----------|--------|--------------|
| 6mm      | 150mm  | 46820030     | 13mm     | 150mm  | 46820090     |
| 6.5mm    | 150mm  | 46820040     | 14mm     | 150mm  | 46820100     |
| 8mm      | 150mm  | 46820050     | 16mm     | 150mm  | 46820110     |
| 10mm     | 150mm  | 46820060     | 20mm     | 160mm  | 46820130     |
| 12mm     | 150mm  | 46820080     | 25mm     | 160mm  | 46820150     |

## STANDARD FIXING MASONRY DRILLS

- CYL-3 heavy duty drill bit
- Suitable for drilling holes in concrete, masonry, limestone, and natural and artificial stone



| Item Code | Shank Diameter | Working Length | Overall Length | Bishops Code |
|-----------|----------------|----------------|----------------|--------------|
| D6000500  | 5mm            | 50mm           | 85mm           | 46810050     |
| D6000550  | 5.5mm          | 45mm           | 85mm           | 46810060     |
| D6000600  | 6mm            | 60mm           | 100mm          | 46810065     |
| D6000650  | 6.5mm          | 60mm           | 100mm          | 46810070     |
| D6000700  | 7mm            | 60mm           | 100mm          | 46810080     |
| D6000800  | 8mm            | 80mm           | 120mm          | 46810090     |
| D6001000  | 10mm           | 80mm           | 120mm          | 46810110     |
| D6001200  | 12mm           | 90mm           | 100mm          | 46810130     |
| D6001300  | 13mm           | 90mm           | 120mm          | 46810140     |

## DOUBLE BRICK MASONRY DRILLS

- Impact and bend resistant hammer drill bits
- Guarantees longer life in concrete
- Unique design with deep U-shaped flute effectively prevents clogging caused by drilling dust, producing a higher drilling rate
- Tungsten carbide plated tip
- Manufactured to ISO 5468
- Suitable for fixing holes and drilling holes in concrete, masonry, limestone, natural and artificial stone
- Silver-grey in colour, sandblasted



| Item Code | Shank Diameter | Working Length | Overall Length | Bishops Code |
|-----------|----------------|----------------|----------------|--------------|
| D6021600  | 16mm           | 350mm          | 400mm          | 46830045     |
| D6022000  | 20mm           | 350mm          | 400mm          | 46830050     |

## SDS PLUS-5 DRILL BITS

- Suitable for concrete, reinforced concrete, granite and bricks
- For hammer drilling into very hard materials
- Highly Durable Tungsten carbide tip – aggressive, 2 cutter design with diameter optimised brazing to increase the hardness
- Active self-centering tip – for improved accuracy and centering
- Carbide relief grooves help move the dust faster to the flute and prevent clogging
- Four flute turbo design for fast removal of drilling dust
- PGM certified to ensure the bit drills to the exact tolerance and diameter



| Item Code  | Diameter | Working Length | Overall Length | Bishops Code |
|------------|----------|----------------|----------------|--------------|
| 165101050  | 5mm      | 100mm          | 160mm          | 46840014     |
| D6120600   | 6mm      | 50mm           | 110mm          | 46840030     |
| 165102060  | 6mm      | 150mm          | 210mm          | 46840034     |
| 165101060  | 6mm      | 100mm          | 160mm          | 46840040     |
| D6120650   | 6.5mm    | 50mm           | 110mm          | 46840050     |
| 165101065  | 6.5mm    | 100mm          | 160mm          | 46840060     |
| 165102065  | 6.5mm    | 150mm          | 210mm          | 46840065     |
| D6120800   | 8mm      | 50mm           | 110mm          | 46840070     |
| 165102080  | 8mm      | 150mm          | 210mm          | 46840084     |
| 2608578197 | 8mm      | 100mm          | 160mm          | 46840080     |
| 165101100  | 10mm     | 100mm          | 160mm          | 46840090     |
| 2608578206 | 10mm     | 200mm          | 260mm          | 46840102     |
| 165101120  | 12mm     | 100mm          | 160mm          | 46840120     |
| D6141200   | 12mm     | 150mm          | 210mm          | 46840130     |
| D6151200   | 12mm     | 200mm          | 260mm          | 46840132     |
| D6131300   | 13mm     | 100mm          | 160mm          | 46840150     |
| D6141400   | 14mm     | 150mm          | 210mm          | 46840180     |
| D6151400   | 14mm     | 200mm          | 260mm          | 46840182     |
| D6141600   | 16mm     | 150mm          | 210mm          | 46840200     |
| D6151600   | 16mm     | 200mm          | 260mm          | 46840204     |
| D6152000   | 20mm     | 200mm          | 260mm          | 46840280     |

## EXPERT SDS PLUS-7X HAMMER DRILL BITS



- Advanced full carbide 4-cutter head design
- Effectively punches through rebar
- Suitable for construction professionals drilling concrete and reinforced concrete regularly
- Fits all SDS plus rotary hammer drills
- 10 per pack



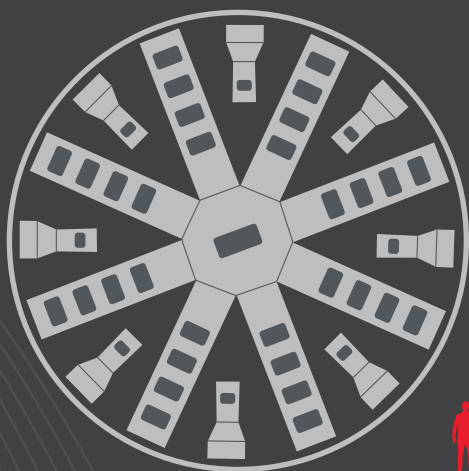
| Item Code  | Diameter | Working Length | Total Length |
|------------|----------|----------------|--------------|
| 2608900158 | 5mm      | 100mm          | 165mm        |
| 2608900159 | 6mm      | 50mm           | 115mm        |
| 2608900160 | 6mm      | 100mm          | 165mm        |
| 2608900163 | 6.5mm    | 100mm          | 165mm        |
| 2608900164 | 6.5mm    | 150mm          | 215mm        |
| 2608900167 | 8mm      | 100mm          | 165mm        |
| 2608900168 | 8mm      | 150mm          | 215mm        |
| 2608900169 | 8mm      | 200mm          | 265mm        |
| 2608900170 | 10mm     | 100mm          | 165mm        |
| 2608900171 | 10mm     | 150mm          | 215mm        |
| 2608900172 | 10mm     | 200mm          | 265mm        |
| 2608900173 | 12mm     | 100mm          | 165mm        |
| 2608900174 | 12mm     | 150mm          | 215mm        |
| 2608900175 | 12mm     | 200mm          | 265mm        |
| 2608900176 | 14mm     | 200mm          | 265mm        |
| 2608900177 | 16mm     | 200mm          | 265mm        |

SPECIAL ORDER: PLEASE QUOTE ITEM CODE UPON ORDERING THIS PRODUCT

# DO YOU KNOW THE DRILL?

Did you know that the world's largest cutting head sits on the front of "Bertha," a 7,000 tonne tunnel drilling machine. The drill bit is an impressive 17.5m (57.5ft) wide!

17.5m



THAT'S ABOUT **3X** TALLER THAN AN AVERAGE ADULT GIRAFFE!



## STEP DRILLS

- High speed steel
- Bright finish
- Two flutes
- Step depth: 5mm



| Increment | Diameter  | Bishops Code |
|-----------|-----------|--------------|
| 1/32"     | 1/8"-1/2" | 46450320     |
| 1/16"     | 1/4"-3/4" | 46450322     |
| 1mm       | 4-12mm    | 46450324     |
| 2mm       | 4-20mm    | 46450326     |
| 2mm       | 6-30mm    | 46450328     |

## STEP DRILLS

- High speed steel
- Spiral or straight flute
- 11 steps



46450327

| Item Code | Flute    | Increments | Diameter | Bishops Code |
|-----------|----------|------------|----------|--------------|
| 107SD0636 | Spiral   | 3mm        | 6-36mm   | 46450310     |
| 149040250 | Straight | 2mm        | 4-25mm   | 46450327     |

## 3 PIECE STEP DRILL SET

- Titanium Nitride (TiN) coated spiral flute step drills
- High performance point provides faster starting and reduces bit wander
- 3 flattened shank prevents slipping in drill chuck
- The TiN coating dissipates heat, reduces friction and cold welding
- Designed with a deburring groove
- Includes diameter sizes: 4-12mm, 4-20mm & 4-30mm



| Item Code | Bishops Code |
|-----------|--------------|
| 2602-S1   | 46450500     |

GET MORE AT BISHOPS ▶

## EARPLUGS

Page 25







# CENTRE, END & SLOT DRILLS & ADJUSTABLE REAMERS

HAND & CUTTING TOOLS

## CENTRE DRILLS

- High speed steel
- Designed for creating a starting hole for a larger bit or for mounting to a lathe centre



| Size  | Bishops Code | Size  | Bishops Code |
|-------|--------------|-------|--------------|
| No. 1 | 46060010     | No. 5 | 46060050     |
| No. 2 | 46060020     | No. 6 | 46060060     |
| No. 3 | 46060030     | No. 7 | 46060070     |
| No. 4 | 46060040     | No. 8 | 46060080     |

## THREADED SHANK ENDMILLS – METRIC

- High speed steel
- 4 flute
- Short length



| Diameter | Bishops Code | Diameter | Bishops Code |
|----------|--------------|----------|--------------|
| 3mm      | 47030003     | 12mm     | 47030012     |
| 4mm      | 47030004     | 14mm     | 47030014     |
| 5mm      | 47030005     | 16mm     | 47030016     |
| 6mm      | 47030006     | 18mm     | 47030018     |
| 8mm      | 47030008     | 20mm     | 47030020     |
| 10mm     | 47030010     | 22mm     | –            |

## THREADED SHANK ENDMILLS – IMPERIAL

- High speed steel
- Short
- 4 flute



| Diameter | Bishops Code | Diameter | Bishops Code |
|----------|--------------|----------|--------------|
| 1/8"     | 47010012     | 1/2"     | 47010050     |
| 3/16"    | 47010018     | 5/8"     | 47010062     |
| 1/4"     | 47010025     | 3/4"     | 47010075     |
| 5/16"    | 47010031     | 7/8"     | 47010087     |
| 3/8"     | 47010037     | 1"       | 47010100     |
| 7/16"    | 47010043     | –        | –            |

## PLAIN SHANK ENDMILLS – METRIC

- High speed steel
- 4 flute
- Short length



| Diameter | Bishops Code | Diameter | Bishops Code |
|----------|--------------|----------|--------------|
| 3mm      | 47035003     | 10mm     | 47035010     |
| 4mm      | 47035004     | 12mm     | 47035012     |
| 5mm      | 47035005     | 14mm     | 47035014     |
| 6mm      | 47035006     | 16mm     | 47035016     |
| 7mm      | 47035007     | 18mm     | 47035018     |
| 8mm      | 47035008     | 20mm     | 47035020     |

## PLAIN SHANK ENDMILLS – IMPERIAL

- High speed steel
- 4 flute



| Diameter     | Bishops Code | Diameter | Bishops Code |
|--------------|--------------|----------|--------------|
| <b>SHORT</b> |              |          |              |
| 1/8"         | 47015012     | 3/8"     | 47015037     |
| 3/16"        | 47015018     | 1/2"     | 47015050     |
| 1/4"         | 47015025     | 5/8"     | 47015062     |
| 5/16"        | 47015031     | 1"       | 47015100     |
| <b>LONG</b>  |              |          |              |
| 1/2"         | 47025050     | 1"       | 47020080     |
| 3/4"         | 47025075     | –        | –            |

## SLOT DRILLS – METRIC

- High speed steel
- 2 flute
- Threaded end
- Short length
- Suitable for soft steel and non-ferrous material



| Item Code | Diameter | Bishops Code | Item Code | Diameter | Bishops Code |
|-----------|----------|--------------|-----------|----------|--------------|
| E1040500  | 5mm      | 47070005     | E1041200  | 12mm     | 47070012     |
| E1040600  | 6mm      | 47070006     | E1041400  | 14mm     | 47070014     |
| E1040800  | 8mm      | 47070008     | E1041600  | 16mm     | 47070016     |
| E1041000  | 10mm     | 47070010     | E1042000  | 20mm     | 47070020     |

## SLOT DRILLS – IMPERIAL

- High speed steel
- 2 flute
- Threaded end
- Suitable for soft steel and non-ferrous material



| Item Code    | Diameter | Bishops Code | Item Code | Diameter | Bishops Code |
|--------------|----------|--------------|-----------|----------|--------------|
| <b>SHORT</b> |          |              |           |          |              |
| E1040794     | 5/16"    | 47050031     | E1041270  | 1/2"     | 47050050     |
| E1040953     | 3/8"     | 47050037     | E1041588  | 5/8"     | 47050062     |
| E1041111     | 7/16"    | 47050043     | E1041905  | 3/4"     | 47050075     |
| <b>LONG</b>  |          |              |           |          |              |
| E1061270     | 1/2"     | 47060050     | E1062540  | 1"       | 47060100     |
| E1061905     | 3/4"     | 47060075     | –         | –        | –            |

## ADJUSTABLE REAMER SETS

- Useful precision tools ideal for any engineering or auto-repair shop
- Ideal for use on steel or non-ferrous metals
- Reamer blades are made from High Speed Steel, accurately hardened 60-64 HRC and relief ground
- Each reamer has a chamfer or lead on the front end which helps to make a quick start in reaming operation
- Reamers expand by loosening one adjusting nut and tightening the other



AHR/8/ST

| Item Code | Description  | Sizes Included           | Bishops Code |
|-----------|--------------|--------------------------|--------------|
| AHR/8/ST  | 8 Piece Set  | 15/32"–1 1/16" (12–27mm) | 47096090     |
| AHR/11/ST | 11 Piece Set | 15/32"–1 1/2" (12–38mm)  | 47096095     |



# PREMIUM DRILLING & CUTTING TOOLS FOR THE HANDYMAN THROUGH TO THE PROFESSIONAL TRADESPERSON

With years of experience across numerous markets, Qcut represents precision and durability in cutting tools and accessories.

Developed from an engineering perspective – by machinists for machinists, Qcut products are manufactured with leading material and technology in state-of-the-art facilities to ensure lasting quality and precision you'd expect from a leading product.

EXCLUSIVE TO  BISHOPS

## ANNULAR CUTTERS

- CNC ground with multi-cut geometry
- Smooth and fast cutting
- Produce burr-free finished holes
- 3/4" universal shank to suit most standard machines
- Available in sizes up to 52mm in diameter, in 25 and 50mm depths of cut
- Pilot pins sold separately



| Item Code                        | Size | Bishops Code | Item Code  | Size | Bishops Code |
|----------------------------------|------|--------------|------------|------|--------------|
| <b>25MM DEPTH OF CUT – SHORT</b> |      |              |            |      |              |
| 7400-12X25                       | 12mm | 49480120     | 7400-22X25 | 22mm | 49480220     |
| 7400-13X25                       | 13mm | 49480130     | 7400-23X25 | 23mm | 49480230     |
| 7400-14X25                       | 14mm | 49480140     | 7400-24X25 | 24mm | 49480240     |
| 7400-15X25                       | 15mm | 49480150     | 7400-25X25 | 25mm | 49480250     |
| 7400-16X25                       | 16mm | 49480160     | 7400-26X25 | 26mm | 49480260     |
| 7400-17X25                       | 17mm | 49480170     | 7400-27X25 | 27mm | 49480270     |
| 7400-18X25                       | 18mm | 49480180     | 7400-28X25 | 28mm | 49480280     |
| 7400-19X25                       | 19mm | 49480190     | 7400-30X25 | 30mm | 49480300     |
| 7400-20X25                       | 20mm | 49480200     | 7400-32X25 | 32mm | 49480320     |
| 7400-21X25                       | 21mm | 49480210     | 7400-50X25 | 50mm | 49480500     |

| Item Code                       | Size | Bishops Code | Item Code  | Size | Bishops Code |
|---------------------------------|------|--------------|------------|------|--------------|
| <b>50MM DEPTH OF CUT – LONG</b> |      |              |            |      |              |
| 7400-12X50                      | 12mm | 49480620     | 7400-24X50 | 24mm | 49480740     |
| 7400-13X50                      | 13mm | 49480630     | 7400-25X50 | 25mm | 49480750     |
| 7400-14X50                      | 14mm | 49480640     | 7400-26X50 | 26mm | 49480760     |
| 7400-15X50                      | 15mm | 49480650     | 7400-27X50 | 27mm | 49480770     |
| 7400-16X50                      | 16mm | 49480660     | 7400-28X50 | 28mm | 49480780     |
| 7400-17X50                      | 17mm | 49480670     | 7400-29X50 | 29mm | 49480785     |
| 7400-18X50                      | 18mm | 49480680     | 7400-30X50 | 30mm | 49480800     |
| 7400-19X50                      | 19mm | 49480690     | 7400-32X50 | 32mm | 49480820     |
| 7400-20X50                      | 20mm | 49480700     | 7400-36X50 | 36mm | 49480860     |
| 7400-21X50                      | 21mm | 49480710     | 7400-38X50 | 38mm | 49480870     |
| 7400-22X50                      | 22mm | 49480720     | 7400-40X50 | 40mm | 49480880     |
| 7400-23X50                      | 23mm | 49480730     | -          | -    | -            |

## 8 PIECE ROTABROACH CUTTER SETS

- High quality M2 High Speed Steel (HSS)
- Suitable for most magnetic drilling machines, multi-fit shank
- Suitable for use in metal plate, construction steel, alloy steel, I-beam steel, steel pipes, cast iron and rail steel
- Size range: 14–26mm
- Secured in sturdy plastic hard case



ASHSSM-SET



| Item Code  | Description    | Bishops Code |
|------------|----------------|--------------|
| ASHSSM-SET | 25mm Cut Depth | 49480550     |
| ALHSSM-SET | 50mm Cut Depth | 49480950     |

## ROTABROACH PILOT PINS



| SHORT               |              | LONG                |              |
|---------------------|--------------|---------------------|--------------|
| To Suit Cutter Size | Bishops Code | To Suit Cutter Size | Bishops Code |
| 19–52mm             | 49485200     | 12mm                | 49485140     |
| 12–13mm             | 49485310     | 12–13mm             | 49485311     |
| 14–70mm             | 49485312     | 14–70mm             | 49485313     |



# HOLESAWS & ARBORS

HAND & CUTTING TOOLS

## BI-METAL HOLESAWS

- Bi-metal cobalt high speed steel
- Varied pitch teeth
- Cutting depth: 36mm



| Item Code | Diameter | Bishops Code | Item Code | Diameter | Bishops Code |
|-----------|----------|--------------|-----------|----------|--------------|
| H1050160  | 16mm     | 49460016     | H1050630  | 64mm     | 49460064     |
| H1050190  | 19mm     | 49460019     | H1050700  | 70mm     | 49460070     |
| H1050200  | 20mm     | 49460020     | H1050730  | 73mm     | 49460073     |
| H1050220  | 22mm     | 49460022     | H1050760  | 76mm     | 49460076     |
| H1050250  | 25mm     | 49460025     | H1050790  | 79mm     | 49460079     |
| H1050290  | 29mm     | 49460029     | H1050830  | 83mm     | 49460083     |
| H1050320  | 32mm     | 49460032     | H1050890  | 89mm     | 49460089     |
| H1050350  | 35mm     | 49460035     | H1050920  | 92mm     | 49460092     |
| H1050380  | 38mm     | 49460038     | H1050950  | 95mm     | 49460095     |
| H1050400  | 40mm     | 49460040     | H1051020  | 102mm    | 49460102     |
| H1050410  | 41mm     | 49460041     | H1051050  | 105mm    | 49460105     |
| H1050440  | 44mm     | 49460044     | H1051110  | 111mm    | 49460111     |
| H1050480  | 48mm     | 49460048     | H1051140  | 114mm    | 49460114     |
| H1050510  | 51mm     | 49460051     | H1051210  | 121mm    | 49460121     |
| H1050540  | 54mm     | 49460054     | H1051270  | 127mm    | 49460127     |
| H1050570  | 57mm     | 49460057     | H1051400  | 140mm    | 49460140     |
| H1050600  | 60mm     | 49460060     | H1051520  | 152mm    | 49460152     |

## 9 PIECE BI-METAL HOLESAW SET

- Premium quality bi-metal high speed steel holesaws
- Suitable for use with steel, aluminium, brass, cast iron, plastic, wood and more

### Includes:

- 6 x holesaws – 16, 20, 25, 32, 40 & 50mm
- 1 x Posi-Lock mandrel - 7/16" hex shank
- 1 x hex shank mandrel - 3/8"
- 1 x pilot drill - 1/4" x 3-1/2"



| Item Code | Bishops Code |
|-----------|--------------|
| 7010-S4   | 49470501     |

## 11 PIECE BI-METAL HOLESAW SET

- Bi-metal cobalt high speed steel
- Cutting depth: 32mm

### Includes:

- 11 x Holesaws – 19, 22, 25, 32, 35, 38, 44, 51, 54, 63 & 76mm
- Adaptors – QFX, 3 x QF4
- Pilot drill



| Item Code | Bishops Code |
|-----------|--------------|
| H125BM3   | 49470507     |

## 18 PIECE BI-METAL HOLESAW SET

- High speed steel bi-metal holesaws
- Ideal for use with cordless tools
- Anti-friction coating
- RIP GUARD™ tooth design for long tool life and more durable cutting
- Suitable for cutting metal, non-ferrous metal, aluminium, wood, plaster and PVC
- 3.5tpi



49470506



49470525

| Item Code | Description                                                                                                                                                                        | Bishops Code |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 49224097  | <b>18 Piece Electrician's Kit</b> – Includes: 2 x 16mm, 2 x 20mm, 2 x 22mm, 2 x 25mm, 2 x 32mm, 2 x 40mm & 2 x 51mm Holesaws, 2 x Arbors & 2 x Pilot Pins                          | 49470506     |
| 49224185  | <b>28 Piece General Purpose Kit</b> – Includes: 19, 22, 25, 29, 32, 35, 38, 44, 51, 54, 57, 64, 67, 76, 83, 86, 92, 95, 105, 108, 114 & 121mm Holesaws, 3 x Arbors, 3 x Pilot Pins | 49470525     |

## 14 PIECE HOLESAW SET

- Economy
- Metric
- Includes:**
- 11 x Holesaws - 19, 22, 25, 29, 35, 38, 44, 51, 57, 64 and 75mm
- 2 x Arbors
- 1 x Adaptor



| Item Code | Bishops Code |
|-----------|--------------|
|           | 49470560     |

## HOLESAW ARBORS



| Description                                  | Shank | Bishops Code |
|----------------------------------------------|-------|--------------|
| Standard Arbor to Suit 14–30mm Holesaws      | 9.5mm | 49470010     |
| Standard Arbor to Suit 32–152mm Holesaws     | 13mm  | 49470013     |
| Quick Change Arbor to Suit 32–152mm Holesaws | 16mm  | 49470070     |

## COBALT SQUARE TOOLBITS

- High speed steel
- Cobalt



| Size           | Bishops Code | Size          | Bishops Code |
|----------------|--------------|---------------|--------------|
| 3/16" x 2 1/2" | 47210010     | 3/8" x 4"     | 47210110     |
| 1/4" x 2 1/2"  | 47210030     | 3/8" x 6"     | 47210120     |
| 1/4" x 4"      | 47210050     | 1/2" x 4"     | 47210150     |
| 5/16" x 2 1/2" | 47210070     | 1/2" x 6"     | 47210160     |
| 5/16" x 4"     | 47210090     | 5/8" x 4 1/2" | 47210170     |
| 3/8" x 3"      | 47210100     | 1" x 7"       | 47210210     |

## ROUND TOOL BITS

- High speed steel
- M2



| Size       | Bishops Code |
|------------|--------------|
| 3/16" x 4" | 47230030     |
| 1/4" x 4"  | 47230060     |
| 5/16" x 4" | 47230080     |
| 3/8" x 4"  | 47230100     |
| 1/2" x 4"  | 47230120     |

## 6 PIECE SCREW EXTRACTOR SET

- Round type
- Includes size #1 to #6



| Bishops Code |
|--------------|
| 48690220     |

## SCREW EXTRACTOR SETS

- Carbon steel
- Removes broken studs, bolts, screws and fittings
- Spiral flute for increased grip



| Item Code | Description                                                                            | Bishops Code |
|-----------|----------------------------------------------------------------------------------------|--------------|
| 9900-SM1  | 5 Piece Extractor Set – Includes: #1–#5                                                | 48690150     |
| 9900-SM2  | 10 Piece Extractor & Drill Set – Includes: #1–#5 Extractors & 5/64"–19/64" Stub Drills | 48690180     |

## GROUND THREAD TAP SETS – METRIC FINE

- Carbon steel



| Diameter | Pitch           | Bishops Code | Diameter | Pitch | Bishops Code |
|----------|-----------------|--------------|----------|-------|--------------|
| 8mm      | 1.0             | 48210080     | 16mm     | 1.5   | 48210160     |
| 10mm     | 1.0             | 48210100     | 18mm     | 1.5   | 48210180     |
| 10mm     | 1.25            | 48210104     | 20mm     | 1.5   | 48210200     |
| 12mm     | 1.25 Spark Plug | 48210120     | 22mm     | 1.5   | 48210220     |
| 12mm     | 1.5             | 48210124     | 24mm     | 2.0   | 48210240     |
| 14mm     | 1.5             | 48210144     | –        | –     | –            |

## GROUND THREAD TAPS – METRIC COARSE

- Carbon steel



| Diameter | Pitch | Bishops Code | Diameter | Pitch | Bishops Code |
|----------|-------|--------------|----------|-------|--------------|
| 3mm      | 0.5   | 48010010     | 12mm     | 1.75  | 48010120     |
| 4mm      | 0.7   | 48010040     | 14mm     | 2.0   | 48010140     |
| 5mm      | 0.8   | 48010050     | 16mm     | 2.0   | 48010160     |
| 6mm      | 1.0   | 48010060     | 18mm     | 2.5   | 48010180     |
| 7mm      | 1.0   | 48010070     | 20mm     | 2.5   | 48010200     |
| 8mm      | 1.25  | 48010080     | 22mm     | 2.5   | 48010220     |
| 10mm     | 1.5   | 48010100     | 24mm     | 3.0   | 48010240     |
| 11mm     | 1.5   | 48010110     | –        | –     | –            |

## GROUND THREAD TAP SETS – UNC

- Carbon steel



| Diameter | TPI | Bishops Code | Diameter | TPI | Bishops Code |
|----------|-----|--------------|----------|-----|--------------|
| 1/4"     | 20  | 47410300     | 9/16"    | 12  | 47410400     |
| 5/16"    | 18  | 47410320     | 5/8"     | 11  | 47410420     |
| 3/8"     | 16  | 47410340     | 3/4"     | 10  | 47410460     |
| 7/16"    | 14  | 47410360     | 7/8"     | 9   | 47410500     |
| 1/2"     | 13  | 47410380     | 1"       | 8   | 47410540     |

## GROUND THREAD TAP SETS – UNF

- Carbon steel



| Diameter | TPI | Bishops Code | Diameter | TPI | Bishops Code |
|----------|-----|--------------|----------|-----|--------------|
| 1/4"     | 28  | 47610300     | 9/16"    | 18  | 47610400     |
| 5/16"    | 24  | 47610320     | 5/8"     | 18  | 47610420     |
| 3/8"     | 24  | 47610340     | 3/4"     | 16  | 47610460     |
| 7/16"    | 20  | 47610360     | 7/8"     | 14  | 47610500     |
| 1/2"     | 20  | 47610380     | 1"       | 12  | 47610540     |





# TAPPING DRILL SIZES

All sizes are "suggested sizes" only and may be varied to suit individual requirements



## Metric

### Metric Coarse (60°)

| Tap Size | Pitch  | Tapping Drill | Tap Size | Pitch  | Tapping Drill |
|----------|--------|---------------|----------|--------|---------------|
| M1.6     | 0.35mm | 1.25mm        | M18      | 2.50mm | 15.50mm       |
| M2       | 0.40mm | 1.60mm        | M20      | 2.50mm | 17.50mm       |
| M2.5     | 0.45mm | 2.05mm        | M22      | 2.50mm | 19.50mm       |
| M3       | 0.50mm | 2.50mm        | M24      | 3.00mm | 21.00mm       |
| M3.5     | 0.60mm | 2.90mm        | M27      | 3.00mm | 24.00mm       |
| M4       | 0.70mm | 3.30mm        | M30      | 3.50mm | 26.50mm       |
| M4.5     | 0.75mm | 3.70mm        | M33      | 3.50mm | 29.50mm       |
| M5       | 0.80mm | 4.20mm        | M36      | 4.00mm | 32.00mm       |
| M6       | 1.00mm | 5.00mm        | M42      | 4.50mm | 37.50mm       |
| M8       | 1.25mm | 6.80mm        | M45      | 4.50mm | 40.50mm       |
| M10      | 1.50mm | 8.50mm        | M48      | 5.00mm | 43.00mm       |
| M12      | 1.75mm | 10.20mm       | M52      | 5.00mm | 47.00mm       |
| M14      | 2.00mm | 12.00mm       | M56      | 5.50mm | 50.50mm       |
| M16      | 2.00mm | 14.00mm       | -        | -      | -             |

The tapping drill sizes indicated are recommended only and should give approximately 75% of thread depth

## Metric Fine

### ISO Metric Fine (60°)

| Tap Size | Pitch  | Tapping Drill | Tap Size | Pitch  | Tapping Drill |
|----------|--------|---------------|----------|--------|---------------|
| M3       | 0.35mm | 2.65mm        | M20*     | 1.50mm | 18.50mm       |
| M4       | 0.50mm | 3.50mm        | M22      | 1.50mm | 20.50mm       |
| M5       | 0.50mm | 4.50mm        | M24      | 2.00mm | 22.00mm       |
| M6       | 0.75mm | 5.20mm        | M25*     | 1.50mm | 23.50mm       |
| M8       | 1.00mm | 7.00mm        | M27      | 2.00mm | 25.00mm       |
| M10      | 1.25mm | 8.80mm        | M30      | 2.00mm | 28.00mm       |
| M12      | 1.25mm | 10.80mm       | M32*     | 1.50mm | 30.50mm       |
| M14      | 1.50mm | 12.50mm       | M40*     | 1.50mm | 38.50mm       |
| M16*     | 1.50mm | 14.50mm       | M50*     | 1.50mm | 48.50mm       |

### Metric Fine - Spark Plug

|     |        |         |     |        |         |
|-----|--------|---------|-----|--------|---------|
| M10 | 1.00mm | 9.00mm  | M14 | 1.25mm | 12.80mm |
| M12 | 1.25mm | 10.80mm | M18 | 1.50mm | 16.50mm |

\* Metric Conduit

## 8UN (8tpi)

### Unified National Form (60°)

| Tap Size | TPI | Tapping Drill | Tap Size | TPI | Tapping Drill |
|----------|-----|---------------|----------|-----|---------------|
| 1/8"     | 8   | 25.50mm       | 1/8"     | 8   | 38.00mm       |
| 1/4"     | 8   | 28.50mm       | 1/4"     | 8   | 41.50mm       |
| 3/8"     | 8   | 31.75mm       | 1/2"     | 8   | 44.50mm       |
| 1/2"     | 8   | 35.00mm       | 2"       | 8   | 47.50mm       |

## UNC

### Unified National Coarse (60°)

| Tap Size    | TPI | Tapping Drill | Tap Size | TPI | Tapping Drill |
|-------------|-----|---------------|----------|-----|---------------|
| #1 (0.073)  | 64  | 1.55mm        | 1/2"     | 13  | 10.80mm       |
| #2 (0.086)  | 56  | 1.85mm        | 3/8"     | 12  | 12.20mm       |
| #3 (0.099)  | 48  | 2.10mm        | 3/8"     | 11  | 13.50mm       |
| #4 (0.112)  | 40  | 2.25mm        | 3/4"     | 10  | 16.50mm       |
| #5 (0.125)  | 40  | 2.60mm        | 1/2"     | 9   | 19.50mm       |
| #6 (0.138)  | 32  | 2.75mm        | 1"       | 8   | 22.25mm       |
| #8 (0.164)  | 32  | 3.40mm        | 1/8"     | 7   | 25.00mm       |
| #10 (0.190) | 24  | 3.80mm        | 1/4"     | 7   | 28.00mm       |
| #12 (0.216) | 24  | 4.50mm        | 1/8"     | 6   | 30.75mm       |
| 1/4"        | 20  | 5.10mm        | 1/2"     | 6   | 34.00mm       |
| 3/8"        | 18  | 6.60mm        | 1/4"     | 5   | 39.50mm       |
| 1/2"        | 16  | 8.00mm        | 2"       | 4.5 | 45.00mm       |
| 3/4"        | 14  | 9.40mm        | 2 1/4"   | 4.5 | 52.00mm       |

## UNF

### Unified National Fine (60°)

| Tap Size    | TPI | Tapping Drill | Tap Size | TPI | Tapping Drill |
|-------------|-----|---------------|----------|-----|---------------|
| #2 (0.0860) | 64  | 1.90mm        | 1/16"    | 20  | 9.90mm        |
| #3 (0.099)  | 56  | 2.15mm        | 1/8"     | 20  | 11.50mm       |
| #4 (0.112)  | 48  | 2.40mm        | 3/16"    | 18  | 12.90mm       |
| #5 (0.125)  | 44  | 2.70mm        | 3/8"     | 18  | 14.50mm       |
| #6 (0.138)  | 40  | 2.95mm        | 3/4"     | 16  | 17.50mm       |
| #8 (0.164)  | 36  | 3.50mm        | 7/8"     | 14  | 20.40mm       |
| #10 (0.190) | 32  | 4.10mm        | 1"       | 12  | 23.25mm       |
| #12 (0.216) | 28  | 4.70mm        | 1 1/8"   | 14  | 24.00mm       |
| 3/16" *     | 32  | 4.00mm        | 1 1/8"   | 12  | 26.50mm       |
| 1/4"        | 28  | 5.50mm        | 1 1/4"   | 12  | 29.50mm       |
| 3/8"        | 24  | 6.90mm        | 1 3/8"   | 12  | 32.75mm       |
| 1/2"        | 24  | 8.50mm        | 1 1/2"   | 12  | 36.00mm       |

\*UNS

## Pg

### Steel Conduit (80°)

| Tap Size | TPI | Tapping Drill | Tap Size | TPI | Tapping Drill |
|----------|-----|---------------|----------|-----|---------------|
| Pg7      | 20  | 11.30mm       | Pg21     | 16  | 26.80mm       |
| Pg9      | 18  | 13.90mm       | Pg29     | 16  | 35.50mm       |
| Pg11     | 18  | 17.30mm       | Pg36     | 16  | 45.50mm       |
| Pg13.5   | 18  | 19.10mm       | Pg42     | 16  | 52.50mm       |
| Pg16     | 18  | 21.20mm       | Pg48     | 16  | 57.80mm       |

## BSW

### British Standard Whitworth (55°)

| Tap Size | TPI | Tapping Drill | Tap Size | TPI   | Tapping Drill |
|----------|-----|---------------|----------|-------|---------------|
| 1/16" ** | 60  | 1.20mm        | 3/16"    | 12    | 12.10mm       |
| 3/32" ** | 48  | 1.85mm        | 5/8"     | 11    | 13.50mm       |
| 1/8"     | 40  | 2.55mm        | 3/4"     | 10    | 16.25mm       |
| 3/32" ** | 32  | 3.20mm        | 7/8"     | 9     | 19.25mm       |
| 3/16"    | 24  | 3.70mm        | 1"       | 8     | 22.00mm       |
| 1/32" ** | 24  | 4.50mm        | 1 1/8"   | 7     | 24.75mm       |
| 1/4"     | 20  | 5.10mm        | 1 1/4"   | 7     | 28.00mm       |
| 3/16"    | 18  | 6.50mm        | 1 1/2"   | 6     | 33.50mm       |
| 5/8"     | 16  | 7.90mm        | 1 3/4"   | 5     | 39.00mm       |
| 1/2"     | 14  | 9.30mm        | 2"       | 4 1/2 | 44.50mm       |
| 1 1/2"   | 12  | 10.50mm       | 2 1/4"   | 4     | 51.00mm       |

\* Whit.Form

## BSF

### British Standard Fine (55°)

| Tap Size | TPI | Tapping Drill | Tap Size | TPI | Tapping Drill |
|----------|-----|---------------|----------|-----|---------------|
| 3/16"    | 32  | 4.00mm        | 1/16"    | 14  | 15.50mm       |
| 1/32"    | 28  | 4.60mm        | 3/4"     | 12  | 16.75mm       |
| 1/4"     | 26  | 5.30mm        | 7/8"     | 11  | 19.75mm       |
| 3/8"     | 22  | 6.80mm        | 1"       | 10  | 22.75mm       |
| 3/8"     | 20  | 8.30mm        | 1 1/8"   | 9   | 25.50mm       |
| 1/2"     | 18  | 9.70mm        | 1 1/4"   | 9   | 28.50mm       |
| 1/2"     | 16  | 11.10mm       | 1 1/2"   | 8   | 34.50mm       |
| 3/4"     | 16  | 12.70mm       | 1 3/4"   | 7   | 41.00mm       |
| 3/4"     | 14  | 14.00mm       | 2"       | 7   | 47.00mm       |

## BSPP (Parallel)

### British Standard Pipe (55°) RP Series

| Tap Size | TPI | Tapping Drill | Tap Size | TPI | Tapping Drill |
|----------|-----|---------------|----------|-----|---------------|
| 1/4"     | 19  | 11.50mm       | 1/2"     | 14  | 27.75mm       |
| 3/8"     | 19  | 15.00mm       | 1"       | 11  | 30.25mm       |
| 1/2"     | 14  | 18.50mm       | 1 1/4"   | 11  | 39.00mm       |
| 3/8"     | 14  | 20.50mm       | 1 1/2"   | 11  | 45.00mm       |
| 1/2"     | 14  | 24.00mm       | 1 3/4"   | 11  | 50.50mm       |

# TAPPING DRILL SIZES

All sizes are "suggested sizes" only and may be varied to suit individual requirements



## UNEF

Unified National Form (60°)

| Tap Size | TPI | Tapping Drill | Tap Size | TPI | Tapping Drill |
|----------|-----|---------------|----------|-----|---------------|
| 1/4"     | 32  | 5.70mm        | 3/8"     | 24  | 15.00mm       |
| 5/16"    | 32  | 7.25mm        | 1/2"     | 20  | 18.00mm       |
| 3/8"     | 32  | 8.85mm        | 1"       | 20  | 24.30mm       |
| 1/2"     | 28  | 11.80mm       | -        | -   | -             |

## G (BSPF)

ISO G Parallel Series (55°)

| Tap Size | TPI | Tapping Drill | Tap Size | TPI | Tapping Drill |
|----------|-----|---------------|----------|-----|---------------|
| G3/8"    | 28  | 6.80mm        | G1/2"    | 14  | 28.25mm       |
| G1/2"    | 28  | 8.80mm        | G1"      | 11  | 30.75mm       |
| G3/4"    | 19  | 11.80mm       | G1 1/4"  | 11  | 39.50mm       |
| G1"      | 19  | 15.25mm       | G1 1/2"  | 11  | 45.50mm       |
| G1 1/4"  | 14  | 19.00mm       | G1 3/4"  | 11  | 51.00mm       |
| G1 1/2"  | 14  | 21.00mm       | G2"      | 11  | 57.00mm       |
| G2"      | 14  | 24.50mm       | G2 1/2"  | 11  | 72.10mm       |

## Rc Series (BSPT)

ISO Rc Taper Series 1:16 (55°)

| Tap Size | TPI | Drill Only | Drill & Reamer | Tap Size  | TPI | Drill Only | Drill & Reamer |
|----------|-----|------------|----------------|-----------|-----|------------|----------------|
| Rc 1/8"  | 28  | 6.4        | 6.2            | Rc 3/4"   | 14  | 23.75      | 23             |
| Rc 1/4"  | 28  | 8.4        | 8.4            | Rc 1"     | 11  | 30         | 29             |
| Rc 3/8"  | 19  | 11.2       | 10.8           | Rc 1 1/4" | 11  | 38.5       | 38             |
| Rc 1/2"  | 19  | 14.75      | 14.5           | Rc 1 1/2" | 11  | 44.5       | 44             |
| Rc 3/4"  | 14  | 18.25      | 18             | Rc 2"     | 11  | 56         | 55             |

## NPT-NPTF

National Pipe Taper 1:16 (60°)

| Tap Size | TPI | Drill Only | Drill & Reamer | Tap Size | TPI  | Drill Only | Drill & Reamer |
|----------|-----|------------|----------------|----------|------|------------|----------------|
| 1/8"     | 27  | 6.3        | 6              | 3/4"     | 14   | 23.25      | 23             |
| 1/4"     | 27  | 8.7        | 8.2            | 1"       | 11.5 | 29         | 28.5           |
| 3/8"     | 18  | 11.1       | 10.8           | 1 1/4"   | 11.5 | 38         | 37             |
| 1/2"     | 18  | 14.5       | 14             | 1.5"     | 11.5 | 44         | 43.5           |
| 3/4"     | 14  | 18         | 17.5           | 2"       | 11.5 | 56         | 55             |

## BA

47.5°

| Tap Size | Pitch   | Tapping Drill | Tap Size | Pitch   | Tapping Drill |
|----------|---------|---------------|----------|---------|---------------|
| 0        | 0.0394" | 1.00mm        | 9        | 0.0154" | 0.39mm        |
| 1        | 0.0354" | 0.90mm        | 10       | 0.0138" | 0.35mm        |
| 2        | 0.0319" | 0.81mm        | 11       | 0.0122" | 0.31mm        |
| 3        | 0.0287" | 0.73mm        | 12       | 0.0110" | 0.28mm        |
| 4        | 0.0260" | 0.66mm        | 13       | 0.0098" | 0.25mm        |
| 5        | 0.0232" | 0.59mm        | 14       | 0.0091" | 0.23mm        |
| 6        | 0.0209" | 0.53mm        | 15       | 0.0083" | 0.21mm        |
| 7        | 0.0189" | 0.48mm        | 16       | 0.0075" | 0.19mm        |
| 8        | 0.0169" | 0.43mm        | -        | -       | -             |

## Rp (BSPP)

Sealing Pipe Thread Parallel (55°)

| Tap Size | TPI | Tapping Drill | Tap Size  | TPI | Tapping Drill |
|----------|-----|---------------|-----------|-----|---------------|
| Rp 1/8"  | 28  | 8.60mm        | Rp 1"     | 11  | 30.25mm       |
| Rp 1/4"  | 19  | 11.50mm       | Rp 1 1/4" | 11  | 39.00mm       |
| Rp 3/8"  | 19  | 15.00mm       | Rp 1 1/2" | 11  | 45.00mm       |
| Rp 1/2"  | 14  | 18.50mm       | Rp 2"     | 11  | 56.50mm       |
| Rp 3/4"  | 14  | 24.00mm       | -         | -   | -             |

## NPSF

National Pipe Straight (60°)

| Tap Size | TPI | Tapping Drill | Tap Size | TPI | Tapping Drill |
|----------|-----|---------------|----------|-----|---------------|
| 1/8"     | 27  | 8.60mm        | 3/8"     | 18  | 14.50mm       |
| 1/4"     | 18  | 11.30mm       | 1/2"     | 14  | 18.00mm       |

# TAPPING DRILL SIZES THREAD FORMING

## Thread Forming – Fluteless Taps

Metric Coarse

| Tap Size | Pitch  | Tapping Drill | Tap Size | Pitch  | Tapping Drill |
|----------|--------|---------------|----------|--------|---------------|
| M1       | 0.25mm | 0.90mm        | M2.5     | 0.45mm | 2.30mm        |
| M1.1     | 0.25mm | 1.00mm        | M2.6     | 0.45mm | 2.40mm        |
| M1.2     | 0.25mm | 1.10mm        | M3       | 0.50mm | 2.80mm        |
| M1.4     | 0.30mm | 1.28mm        | M3.5     | 0.60mm | 3.20mm        |
| M1.6     | 0.35mm | 1.45mm        | M4       | 0.70mm | 3.70mm        |
| M1.7     | 0.35mm | 1.55mm        | M5       | 0.80mm | 4.60mm        |
| M1.8     | 0.35mm | 1.65mm        | M6       | 1.00mm | 5.50mm        |
| M2.0     | 0.40mm | 1.80mm        | M8       | 1.25mm | 7.40mm        |
| M2.2     | 0.45mm | 2.00mm        | M10      | 1.50mm | 9.30mm        |
| M2.3     | 0.40mm | 2.10mm        | M12      | 1.75mm | 11.20mm       |

UNF

| Tap Size   | TPI | Tapping Drill | Tap Size    | TPI | Tapping Drill |
|------------|-----|---------------|-------------|-----|---------------|
| #1 (0.073) | 72  | 1.70mm        | #10 (0.190) | 32  | 4.50mm        |
| #2 (0.086) | 64  | 2.00mm        | #12 (0.216) | 28  | 5.10mm        |
| #3 (0.099) | 56  | 2.30mm        | 1/4"        | 28  | 6.00mm        |
| #4 (0.112) | 48  | 2.60mm        | 5/16"       | 24  | 7.50mm        |
| #5 (0.125) | 44  | 2.90mm        | 3/8"        | 24  | 9.00mm        |
| #6 (0.138) | 40  | 3.20mm        | 7/16"       | 20  | 10.60mm       |
| #8 (0.164) | 36  | 3.90mm        | 1/2"        | 20  | 12.10mm       |

UNC

|            |    |        |             |    |         |
|------------|----|--------|-------------|----|---------|
| #1 (0.073) | 64 | 1.70mm | #10 (0.190) | 24 | 4.40mm  |
| #2 (0.086) | 56 | 2.00mm | #12 (0.216) | 24 | 5.00mm  |
| #3 (0.099) | 48 | 2.30mm | 1/4"        | 20 | 5.80mm  |
| #4 (0.112) | 40 | 2.60mm | 5/16"       | 18 | 7.30mm  |
| #5 (0.125) | 40 | 2.90mm | 3/8"        | 16 | 8.80mm  |
| #6 (0.138) | 32 | 3.20mm | 7/16"       | 14 | 10.20mm |
| #8 (0.164) | 32 | 3.80mm | 1/2"        | 13 | 11.70mm |

BSW

|       |    |        |       |    |        |
|-------|----|--------|-------|----|--------|
| 1/8"  | 40 | 2.90mm | 1/4"  | 20 | 5.80mm |
| 3/16" | 32 | 3.60mm | 5/16" | 18 | 7.30mm |
| 1/4"  | 24 | 4.30mm | 3/8"  | 16 | 8.80mm |

G (BSPF)

|      |    |         |      |    |         |
|------|----|---------|------|----|---------|
| 1/8" | 28 | 9.25mm  | 3/8" | 14 | 22.00mm |
| 1/4" | 19 | 12.50mm | 1/2" | 14 | 25.50mm |
| 3/8" | 19 | 16.00mm | 5/8" | 14 | 29.25mm |
| 1/2" | 14 | 20.00mm | 1"   | 11 | 32.00mm |

The tapping drill sizes indicated are recommended as a guide only. Always check specific sizes as per manufacturer.



# THREAD TAP SET, TAP WRENCHES & DIE HOLDERS

## 7 PIECE THREAD TAP SET – METRIC

- High speed steel
  - Metric coarse intermediate leads
- Includes:**
- Sizes: 3, 4, 5, 6, 8, 10 & 12mm



| Item Code | Bishops Code |
|-----------|--------------|
| 3020-S1   | 48640090     |

## TAP WRENCHES



- Straight handle design provides greater leverage
- Useful when working with large diameter taps
- Extra heavy duty
- Industrial quality



| Item Code | Capacity                                      | Bishops Code |
|-----------|-----------------------------------------------|--------------|
| ARWE/SG/0 | M1–M12 ( $\frac{1}{8}$ " - $\frac{3}{8}$ " )  | 48810800     |
| ARWE/SG/5 | M4–M16 ( $\frac{3}{16}$ " - $\frac{5}{8}$ " ) | 48810810     |
| ARWR/SG/6 | M4–M20 ( $\frac{3}{16}$ " - $\frac{7}{8}$ " ) | 48810820     |

HAND & CUTTING TOOLS

## GET MORE AT BISHOPS



**CUTTING FLUID**  
Page 448

## BUTTON DIE HOLDERS

- Knurled handles



| Diameter | Bishops Code |
|----------|--------------|
| 1"       | 48830100     |
| 1½"      | 48830150     |
| 2"       | 48830200     |

# TAPS & DIES

Taps & Dies are tools that are used to cut material to create threads.



### Taps used to cut female threads (e.g. a nut) which is called Tapping

A tap cuts a thread on the inside surface of a hole, creating a female thread which functions like a nut. Tapping a hole involves taper taps, intermediate taps and bottoming taps.

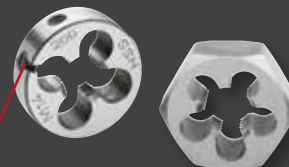
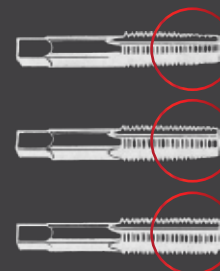
**Taper Tap** – The taper tap features a long tapered edge at the end which causes it to cut more gradually than other taps, allowing for better formed threads. Tapered taps are most commonly used for difficult to work materials. The tap usually begins with 8 to 10 tapered edges.

**Intermediate Tap** – The intermediate tap features a medium length taper at the end which allows it to align and cut a new thread. The tap usually begins with 3 to 5 tapered edges.

**Bottom Tap** – This tap is made with a continuous cutting edge with very little to no taper on the end. This allows threading up to the end of a blind hole. A bottoming tap is best suited for finishing a thread that has already been started. The short taper makes this tap insufficient for starting a new taper.

### Dies used to cut male threads (e.g. a bolt) which is called Threading

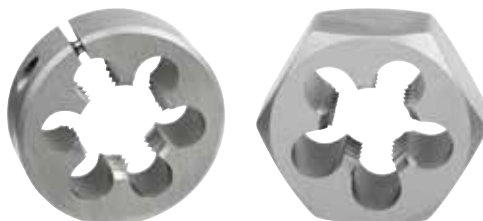
The die cuts a thread along the outside of a cylindrical rod, creating a male thread which functions like a bolt. The cylindrical rod is first machined with a taper at the threaded end to allow the die to be aligned before it is able to cut enough thread to guide itself. Button dies have adjusting screws to expand or compress the die, and are suitable for cutting new threads. Hexagon die nuts should only be used for cleaning and resizing existing damaged threads.



Copper Coring Tube

**BUTTON DIES & DIE NUTS – METRIC**

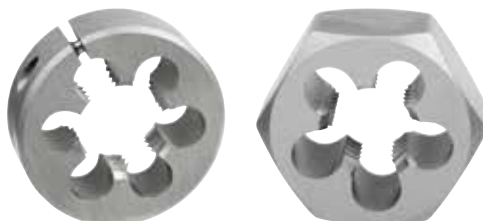
- Tungsten chrome alloy – carbon steel
- Die nut – for cleaning and resizing existing damaged threads
- Button die – for cutting new threads



| METRIC ISO COARSE |       | 1" BUTTON DIE |              | 1½" BUTTON DIE |              | 2" BUTTON DIE |              | DIE NUTS  |              |
|-------------------|-------|---------------|--------------|----------------|--------------|---------------|--------------|-----------|--------------|
| Size              | Pitch | Item Code     | Bishops Code | Item Code      | Bishops Code | Item Code     | Bishops Code | Item Code | Bishops Code |
| M3                | 0.50  | M4000300      | 48030030     | -              | -            | -             | -            | -         | -            |
| M4                | 0.70  | M4000400      | 48030040     | -              | -            | -             | -            | -         | -            |
| M5                | 0.80  | M4000500      | 48030050     | -              | -            | -             | -            | M4400500  | 48060050     |
| M6                | 1.00  | M4000600      | 48030060     | -              | -            | -             | -            | M4400600  | 48060060     |
| M7                | 1.00  | M4000700      | 48030070     | -              | -            | -             | -            | M4400700  | 48060070     |
| M8                | 1.25  | M4000800      | 48030080     | -              | -            | -             | -            | M4400800  | 48060080     |
| M9                | 1.25  | M4000900      | 48030090     | -              | -            | -             | -            | M4400900  | 48060090     |
| M10               | 1.50  | M4001000      | 48030100     | M4011000       | 48040100     | -             | -            | M4401000  | 48060100     |
| M12               | 1.75  | M4001200      | 48030120     | M4011200       | 48040120     | M4021200      | 48050120     | M4401200  | 48060120     |
| M14               | 2.00  | -             | -            | -              | -            | -             | -            | M4401400  | 48060158     |
| M16               | 2.00  | -             | -            | -              | -            | M4021600      | 48050160     | M4401600  | 48060160     |
| M18               | 2.50  | -             | -            | -              | -            | M4021800      | 48050180     | M4401800  | 48060180     |
| M20               | 2.50  | -             | -            | -              | -            | M4022000      | 48050200     | M4402000  | 48060182     |
| M22               | 2.50  | -             | -            | -              | -            | M4022200      | 48050220     | M4402200  | 48060220     |
| M24               | 3.00  | -             | -            | -              | -            | M4022400      | 48050240     | M4402400  | 48060240     |
| METRIC FINE       |       | 1" BUTTON DIE |              | 1½" BUTTON DIE |              | 2" BUTTON DIE |              | DIE NUTS  |              |
| Size              | Pitch | Item Code     | Bishops Code | Item Code      | Bishops Code | Item Code     | Bishops Code | Item Code | Bishops Code |
| M8                | 1.00  | M4030805      | 48230080     | -              | 48240080     | -             | -            | M4410805  | 48060075     |
| M10               | 1.25  | M4031006      | 48230105     | M4041006       | 48240100     | -             | -            | M4411006  | 48260105     |
| M12               | 1.25  | M4031206      | 48230120     | M4041206       | 48240125     | M4051206      | 48240142     | M4411206  | 48260120     |
| M12*              | 1.50  | M4031207      | 48230125     | M4041207       | 48240120     | M4051207      | 48240143     | M4411207  | 48260125     |
| M14               | 1.25  | -             | -            | M4041406       | 48240140     | M4051406      | 48240144     | -         | -            |
| M14               | 1.50  | -             | -            | M4041407       | 48240141     | M4051407      | 48250145     | M4411407  | 48260145     |
| M16               | 1.50  | -             | -            | -              | -            | M4051607      | 48250160     | M4411607  | 48260160     |
| M18               | 1.50  | -             | -            | -              | -            | M4051807      | 48250180     | M4411807  | 48260180     |
| M20               | 1.50  | -             | -            | -              | -            | M4052007      | 48250200     | M4412007  | 48260181     |
| M22               | 1.50  | -             | -            | -              | -            | M4052207      | 48250220     | -         | -            |
| M24               | 2.00  | -             | -            | -              | -            | M4052408      | 48250221     | -         | -            |

**BUTTON DIES & DIE NUTS – UNC**

- Tungsten chrome alloy – carbon steel
- Die nut – for cleaning and resizing existing damaged threads
- Button die – for cutting new threads



|                   |     | 1" BUTTON DIE |              | 1½" BUTTON DIE |              | 2" BUTTON DIE |              | DIE NUTS  |              |
|-------------------|-----|---------------|--------------|----------------|--------------|---------------|--------------|-----------|--------------|
| Size              | TPI | Item Code     | Bishops Code | Item Code      | Bishops Code | Item Code     | Bishops Code | Item Code | Bishops Code |
| ¼"                | 20  | M4120635      | 47430300     | -              | -            | -             | -            | M4450635  | 47460300     |
| ⅝ <sub>16</sub> " | 18  | M4120794      | 47430320     | -              | -            | -             | -            | M4450794  | 47460320     |
| ⅜"                | 16  | M4120953      | 47430340     | -              | -            | -             | -            | M4450953  | 47460340     |
| 7 <sub>16</sub> " | 14  | M4121111      | 47430360     | -              | -            | -             | -            | M4451111  | 47460360     |
| ½"                | 13  | M4121270      | 47430380     | M4131270       | 47440380     | M4141270      | 47450380     | M4451270  | 47460380     |
| 9 <sub>16</sub> " | 12  | -             | -            | -              | -            | M4141429      | 47450400     | M4451429  | 47460400     |
| ⅝"                | 11  | -             | -            | M4131588       | 47440420     | M4141588      | 47450420     | M4451588  | 47460420     |
| ¾"                | 10  | -             | -            | -              | -            | M4141905      | 47450460     | M4451905  | 47460460     |
| 7 <sub>8</sub> "  | 9   | -             | -            | -              | -            | M4142223      | 47450470     | M4452223  | 47460500     |
| 1"                | 8   | -             | -            | -              | -            | M4142540      | 47450540     | M4452540  | 47460520     |
| 1⅝"               | 7   | -             | -            | -              | -            | -             | -            | M4452858  | 47460521     |
| 1¼"               | 7   | -             | -            | -              | -            | -             | -            | M4453175  | 47460522     |
| 1½"               | 6   | -             | -            | -              | -            | -             | -            | M4453810  | 47460523     |

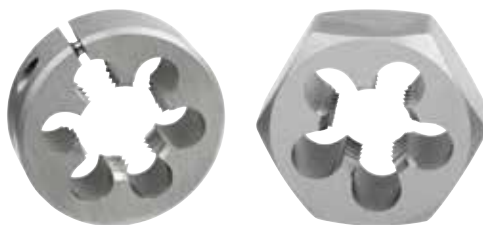




# BUTTON DIES, DIE NUTS & TAP & DRILL SETS

## BUTTON DIES & DIE NUTS – UNF

- Tungsten chrome alloy – carbon steel
- Die nut – for cleaning and resizing existing damaged threads
- Button die – for cutting new threads



HAND & CUTTING TOOLS

| Size  | TPI | 1" BUTTON DIE |              | 1½" BUTTON DIE |              | 2" BUTTON DIE |              | DIE NUTS  |              |
|-------|-----|---------------|--------------|----------------|--------------|---------------|--------------|-----------|--------------|
|       |     | Item Code     | Bishops Code | Item Code      | Bishops Code | Item Code     | Bishops Code | Item Code | Bishops Code |
| ¼"    | 28  | M4150635      | 47630300     | M4160635       | 47640300     | –             | –            | M4460635  | 47660300     |
| 5/16" | 24  | M4150794      | 47630320     | M4160794       | 47640320     | –             | –            | M4460794  | 47660320     |
| 3/8"  | 24  | M4150953      | 47630340     | M4160953       | 47640340     | –             | –            | M4460953  | 47660340     |
| 7/16" | 20  | M4151111      | 47630360     | M4161111       | 47640360     | –             | –            | M4461111  | 47660360     |
| ½"    | 20  | M4151270      | 47630380     | M4161270       | 47640380     | M4171270      | 47650380     | M4461270  | 47660380     |
| 9/16" | 18  | –             | –            | M4161429       | 47640400     | –             | –            | M4461429  | 47660400     |
| 5/8"  | 18  | –             | –            | M4161588       | 47640420     | M4171588      | 47650420     | M4461588  | 47660420     |
| ¾"    | 16  | –             | –            | –              | –            | M4171905      | 47650460     | M4461905  | 47660460     |
| 7/8"  | 14  | –             | –            | –              | –            | M4172223      | 47650500     | M4462223  | 47660500     |
| 1"    | 12  | –             | –            | –              | –            | M4172540      | 47650540     | M4462540  | 47660520     |

## 14 PIECE TAP & DRILL SET – METRIC

- High speed steel
- Metric coarse intermediate
- Used for machine and hand tap applications

### Includes:

- 7 x Taps – 3, 4, 5, 6, 8, 10 & 12mm
- 7 x Drills to suit



| Item Code | Bishops Code |
|-----------|--------------|
| 3020-S2   | 48640110     |

## 14 PIECE TAP & DRILL SET – METRIC

- High speed steel
- Intermediate taps and tapping drills

### Includes:

- 7 x Taps – M3, M4, M5, M6, M8, M10 & M12
- 7 x Drills – 2.5, 3.3, 4.2, 5.0, 6.8, 8.5 & 10.2mm



| Item Code | Bishops Code |
|-----------|--------------|
| T3850014  | 48640116     |

# ALWAYS USE LUBE

## Quality, Application, Cleanliness



### Threading Quality

To ensure that you make the highest of quality threads, it's important that you use lube for any tapping or threading. A solid quality thread can sometimes be determined by your choice of lube, so be sure to explore your options to find the best suit.

### Lubricant Choice

In general application, extreme pressure additives are greatly suited for hard materials. Cutting lubricants stick to the surface to help provide friction during tapping and threading tough materials. They also control and dispose of the metal chips that are produced during the process.

### Lubricant Application

Not only must the right lubricant be selected, but it also has to be used correctly. You won't get anywhere with just a drop of lube if you're doing a big job. Be sure that lubricant is always in place where the metal is being cut during the whole process, not just at the start.

### Lubricant Cleanliness

When using lubricants, make sure that they are always clean by either using new lubricant or filters. Dirty lube can cause damage to your tool and ruin the finish of your threads.

### 18 PIECE TAP & DIE SET – IMPERIAL

- Imperial UNC
- Plastic case
- ¼"–½"
- Includes:**
- 8 x Thread taps
- 8 x Button dies
- 1 x Tap wrench
- 1 x Die holder



**Bishops Code**  
48610020

### 24 PIECE TAP & DIE SET – IMPERIAL

- Imperial UNC/UNF
- Metal case
- ¼"–½"
- Includes:**
- 11 x Thread taps
- 11 x Button dies
- 1 x Bar type tap wrench
- 1 x Die holder



**Bishops Code**  
48650020

### 28 PIECE TAP & DIE SET – METRIC

- Metric
- Metal case
- 3–12mm
- Includes:**
- 16 x Thread taps
- 8 x Button dies
- 1 x Die holder
- 1 x Bar type tap wrench
- 1 x T-type tap wrench
- 1 x Screw pitch gauge



**Bishops Code**  
48640020

### 45 PIECE TAP & DIE SET – IMPERIAL

- Imperial UNC/UNF
- High speed steel
- Plastic case
- ¼"–1"
- Includes:**
- 20 x Thread taps
- 20 x Button dies
- 1 x Die holder and adaptor
- 1 x Bar type tap wrench
- 1 x T-type tap wrench
- 1 x Screwdriver



**Bishops Code**  
48650060

### TAP & DIE SETS – METRIC & IMPERIAL

- High grade carbon



| Item Code | Description                      | Tap Range | Die Range | Tap Wench | Die Holder | Bishops Code |
|-----------|----------------------------------|-----------|-----------|-----------|------------|--------------|
| M500M35   | 35 Piece Set – Metric Coarse     | M6–M24    | M6–M24    | #0 & #7   | 1" & 2"    | 48640120     |
| M500NC35  | 35 Piece Set – UNC               | ¼"–1"     | ¼"–1"     | #0 & #7   | 1" & 2"    | 48610080     |
| M500NFM52 | 52 Piece Set – UNF/Metric Coarse | ¼"–¾"     | ¼"–¾"     | #6        | 1" & 2"    | 48650570     |

### TAP & DIE SETS – METRIC & IMPERIAL

- Great value, high quality sets
- Include various combinations of metric, imperial and SAE taps and button dies
- Manufactured from premium quality tungsten steel
- Supplied in a tough, compact, blow moulded case



48640035

48640040



48640115

48650030  
48640030

| Item Code | Description                                                                                                                           | Bishops Code |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 50-S1     | 115 Piece Metric & Imperial – Includes: 48 Intermediate Lead Taps, 48 Button Dies, Die Holders, Tap Wrenches, Screw Extractors & More | 48640040     |
| 50-S2     | 60 Piece Metric & SAE + ¼" NPT – Includes: 27 Intermediate Lead Taps, 27 Button Dies, Die Holder, Tap Wrenches, Pitch Gauges & More   | 48640035     |
| 50-S3     | 39 Piece UNC/UNF + ¼" NPT – Includes: 17 Intermediate Lead Taps, 17 Button Dies, Die Holder, Tap Wrenches, Pitch Gauge & More         | 48650030     |
| 50-S4     | 39 Piece Metric + ¼" NPT – Includes: 17 Intermediate Lead Taps, 17 Button Dies, Die Holder, Tap Wrenches, Pitch Gauge & More          | 48640030     |
| 50-S5     | 14 Piece Metric Coarse – Includes: 7 Straight Flute Intermediate Taps – M3–M12 & Matching HSS Tapping Drills                          | 48640115     |



# PIPE DIE SETS & PIPE THREADING MACHINES

HAND & CUTTING TOOLS

## 4 PIECE PIPE DIE SET – IMPERIAL

- Manual pipe threader
  - Drop head threader
  - BSPT
  - Capacity: ½”–1¼”
- Includes:**
- 4 x Heads
  - 1 x Ratchet



| Item Code | Bishops Code |
|-----------|--------------|
| 63022     | 48660500     |

## 10 PIECE PIPE DIE SET – IMPERIAL

- BSPT Master kit 2
  - Capacity: ½”–2”
- Includes:**
- Pipe wrench
  - Pipe cutter
  - Box joint pliers
  - Ratchet



| Item Code | Bishops Code |
|-----------|--------------|
| 69052     | 48660590     |

## 6 PIECE PIPE DIE SET – IMPERIAL

- Manual pipe threader
  - Drop head threader
  - BSPT
  - Capacity: ½”–2”
- Includes:**
- 6 x Heads
  - 1 x Ratchet



| Item Code | Bishops Code |
|-----------|--------------|
| 63132     | 48660550     |

## MASTERMATIC 2 ELECTRIC PIPE THREADER SET

- Compact and easy to use threading machine
  - Provides easy access to hard-to-reach places
  - The design of the enlarged heads creates smooth and better threading
  - Ductile casting and special steel dies with an aluminium cover
  - Steel hardness: 58–62HRc
  - Capacity: ¼”–2”
- Includes:**
- 8 x Heads



| Item Code | Bishops Code |
|-----------|--------------|
| 69116     | 75590050     |

## 7 PIECE PIPE DIE SET – IMPERIAL

- BSPT Master kit 1
  - Capacity: ½”–1”
- Includes:**
- Pipe wrench
  - Pipe cutter
  - Box joint pliers
  - Ratchet



| Item Code | Bishops Code |
|-----------|--------------|
| 69001     | 48660580     |

## ROSCAMATIC 80-3 ELECTRIC PIPE THREADER

- Designed to thread, cut and ream water, gas or oil conduction pipes
- Fitted with an automatic threading copy system, allowing the machine to produce conical threads automatically once the length is set by the norms
- The induction motor does not lose speed and provides a smoother and quieter operation
- Self-lubricating circuit
- BSPT type
- 750W
- 230V, 50–60Hz
- Up to 24rpm
- Capacity: ½”–3”
- Weight: 114kg



| Item Code | Description                | Bishops Code |
|-----------|----------------------------|--------------|
| 56955     | Pipe Threader              | 75590150     |
| 64150     | 1–2” BSPT Pipe Die to Suit | 75590098     |

## POWERCOIL® THREAD REPAIR KITS



| UNC        |            |              |             |            |              |
|------------|------------|--------------|-------------|------------|--------------|
| Item Code  | Size x TPI | Bishops Code | Item Code   | Size x TPI | Bishops Code |
| 3532-1/4K  | 1/4" x 20  | 40802040     | 3532-5/8K   | 5/8" x 11  | 40802090     |
| 3532-5/16K | 5/16" x 18 | 40802050     | 3532-3/4K   | 3/4" x 10  | 40802100     |
| 3532-3/8K  | 3/8" x 16  | 40802060     | 3532-7/8K   | 7/8" x 9   | 40802110     |
| 3532-7/16K | 7/16" x 14 | 40802070     | 3532-1K     | 1" x 8     | 40802120     |
| 3532-1/2K  | 1/2" x 13  | 40802080     | 3532-1.1/4K | 1 1/4" x 7 | 40802130     |

| UNF        |            |              |           |            |              |
|------------|------------|--------------|-----------|------------|--------------|
| Item Code  | Size x TPI | Bishops Code | Item Code | Size x TPI | Bishops Code |
| 3534-10GK  | 10G" x 32  | 40804030     | 3534-1/2K | 1/2" x 20  | 40804080     |
| 3534-1/4K  | 1/4" x 28  | 40804040     | 3534-5/8K | 5/8" x 18  | 40804090     |
| 3534-5/16K | 5/16" x 24 | 40804050     | 3534-3/4K | 3/4" x 16  | 40804100     |
| 3534-3/8K  | 3/8" x 24  | 40804060     | 3534-7/8K | 7/8" x 14  | 40804110     |
| 3534-7/16K | 7/16" x 20 | 40804070     | 3534-1K   | 1" x 12    | 40804120     |

| METRIC      |              |              |             |              |              |
|-------------|--------------|--------------|-------------|--------------|--------------|
| Item Code   | Size x Pitch | Bishops Code | Item Code   | Size x Pitch | Bishops Code |
| 3520-4.00K  | M4 x 0.70mm  | 40810030     | 3521-14.00K | M14 x 1.50mm | 40810140     |
| 3520-5.00K  | M5 x 0.80mm  | 40810040     | 3520-14.00K | M14 x 2.00mm | 40810150     |
| 3520-6.00K  | M6 x 1.00mm  | 40810050     | 3521-16.00K | M16 x 1.50mm | 40810160     |
| 3520-8.00K  | M8 x 1.25mm  | 40810060     | 3520-16.00K | M16 x 2.00mm | 40810170     |
| 3522-10.00K | M10 x 1.00mm | 40810070     | 3522-18.00K | M18 x 1.50mm | 40810180     |
| 3521-10.00K | M10 x 1.25mm | 40810080     | 3520-18.00K | M18 x 2.50mm | 40810190     |
| 3520-10.00K | M10 x 1.50mm | 40810090     | 3521-20.00K | M20 x 2.00mm | 40810195     |
| 3522-12.00K | M12 x 1.25mm | 40810100     | 3520-20.00K | M20 x 2.50mm | 40810200     |
| 3521-12.00K | M12 x 1.50mm | 40810110     | 3523-22.00K | M22 x 1.50mm | 40810205     |
| 3520-12.00K | M12 x 1.75mm | 40810120     | 3523-24.00K | M24 x 1.50mm | 40810207     |
| 3522.14.00K | M14 x 1.25mm | 40810130     | 3521-24.00K | M24 x 2.00mm | 40810210     |

## POWERCOIL® THREAD INSERT KITS

• Metric/UNC



| Item Code | Size   | Bishops Code |
|-----------|--------|--------------|
| 3520-WK1  | 5-12mm | 40880300     |
| 3520-WK3  | 6-16mm | 40880400     |

## POWERCOIL® INSERTS



| UNC              |            |                           |     |              |
|------------------|------------|---------------------------|-----|--------------|
| Item Code        | Size x TPI | Insert Length (Installed) | Qty | Bishops Code |
| 3532-10GX1.5DP   | 3/16" x 24 | 1.5 x Dia.                | 10  | 40822030     |
| 3532-1/4X1.5DP   | 1/4" x 20  | 1.5 x Dia.                | 10  | 40822040     |
| 3532-5/16X1.5DP  | 5/16" x 18 | 1.5 x Dia.                | 10  | 40822050     |
| 3532-3/8X1.5DP   | 3/8" x 16  | 1.5 x Dia.                | 10  | 40822060     |
| 3532-7/16X1.5DP  | 7/16" x 14 | 1.5 x Dia.                | 10  | 40822070     |
| 3532-1/2X1.5DP   | 1/2" x 13  | 1.5 x Dia.                | 10  | 40822080     |
| 3532-9/16X1.5DP  | 9/16" x 12 | 1.5 x Dia.                | 10  | 40822085     |
| 3532-5/8X1.0DP   | 5/8" x 11  | 1.0 x Dia.                | 5   | 40822090     |
| 3532-5/8X1.5DP   | 5/8" x 11  | 1.5 x Dia.                | 5   | 40822092     |
| 3532-3/4X1.5DP   | 3/4" x 10  | 1.5 x Dia.                | 5   | 40822100     |
| 3532-7/8X1.5DP   | 7/8" x 9   | 1.5 x Dia.                | 5   | 40822110     |
| 3532-1X1.5DP     | 1" x 8     | 1.5 x Dia.                | 5   | 40822120     |
| 3532-1.1/4X1.5DP | 1 1/4" x 7 | 1.5 x Dia.                | 5   | 40822130     |

| METRIC           |              |                           |     |              |
|------------------|--------------|---------------------------|-----|--------------|
| Item Code        | Size x Pitch | Insert Length (Installed) | Qty | Bishops Code |
| 3520-4.00X1.5DP  | M4 x 0.70mm  | 1.5 x Dia.                | 10  | 40830030     |
| 3520-5.00X1.5DP  | M5 x 0.80mm  | 1.5 x Dia.                | 10  | 40830040     |
| 3520-6.00X1.5DP  | M6 x 1.00mm  | 1.5 x Dia.                | 10  | 40830050     |
| 3520-8.00X1.5DP  | M8 x 1.25mm  | 1.5 x Dia.                | 10  | 40830060     |
| 3521-10.00X1.5DP | M10 x 1.25mm | 1.5 x Dia.                | 10  | 40830080     |
| 3520-10.00X1.5DP | M10 x 1.50mm | 1.5 x Dia.                | 10  | 40830090     |
| 3523-12.00X1.5DP | M12 x 1.25mm | 1.5 x Dia.                | 10  | 40830100     |
| 3521-12.00X1.5DP | M12 x 1.50mm | 1.5 x Dia.                | 10  | 40830110     |
| 3520-12.00X1.5DP | M12 x 1.75mm | 1.5 x Dia.                | 10  | 40830120     |
| 3522-14.00x3/8P  | M14 x 1.25mm | 3/8" Dia.                 | 10  | 40830130     |
| 3522-14.00X1/2P  | M14 x 1.25mm | 1/2" Dia.                 | 10  | 40830132     |
| 3521-14.00X1.5DP | M14 x 1.50mm | 1.5 x Dia.                | 5   | 40830140     |
| 3520-16.00X1.5DP | M16 x 2.00mm | 1.5 x Dia.                | 5   | 40830170     |
| 3523-18.00X1.0DP | M18 x 1.50mm | 1.0 x Dia.                | 5   | 40830180     |
| 3521-20.00X1.5DP | M20 x 2.00mm | 1.5 x Dia.                | 3   | 40830190     |
| 3520-20.00X1.5DP | M20 x 2.50mm | 1.5 x Dia.                | 3   | 40830200     |
| 3520-24.00X1.5DP | M24 x 3.0mm  | 1.5 x Dia.                | 3   | 40830240     |

## EXTERNAL THREAD FILES

- Restores damaged threads
- For left or right handed external threads
- Metric and imperial options



| Item Code | Description | Bishops Code |
|-----------|-------------|--------------|
| SCMT70449 | Imperial    | 49895140     |
| SCMT70450 | Metric      | 49895160     |



