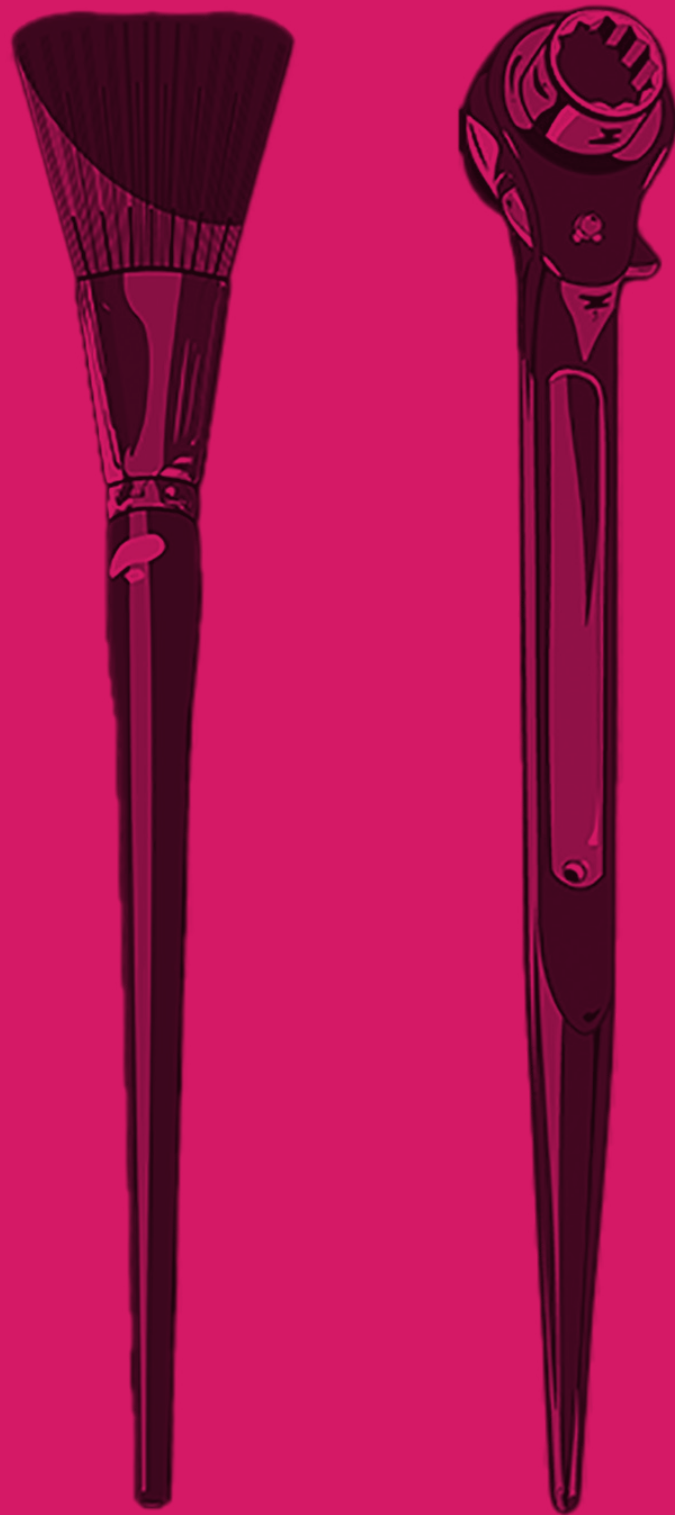


# Tools & Tool Accessories



# FLINTS

*The one-stop-shop that delivers to your door*

Flints stocks power tools which we believe are perfectly suited to our industry. We would welcome the opportunity to quote on other tools not listed here for students or stage crew.

## CORDLESS DRILLS

### Makita CLX224AJ Cordless Drill & Impact Driver Set 12 V 2.0AH Li-ion CXT

This fantastically priced set will keep you out of trouble. We used to sell a similar set by the pallet load, and we're sure this type will prove just as popular. Great value, and good for taking to fit-ups.

- ✓ Soft Grip Handles
- ✓ LED work lights
- ✓ Variable Speed
- ✓ Compatible with both 2.0 Ah & 4.0 Ah 12V slide on batteries

SPECIFICATION: Drill Driver: Max. capacity: Steel: 10 mm, Wood 21 mm. Max. torque: 30 Nm. No load speed: 0 - 1700 rpm. Weight: 0.87 kg. Impact Driver: Max bolt Ø: 12 mm. Takes 1/4" hex bit. Max torque: 110 Nm. No load speed: 0 - 2600 rpm. Weight: 1.2 kg.

Set supplied in a MakPac carry case containing: 12 V Drill Driver, 12 V Impact Driver, 2 x 12 V 2.0 Ah Li-ion batteries, 1 x 70 min charger.

code	price
POWCLX224AJ	£149.95

### Makita DDF484 Drill Driver 18 V Brushless 5.0 Ah Li-ion

This powerful, lightweight and compact driver drill packs a punch. The compact design [172 mm long] and LED job light allows for working in confined poorly-lit spaces. The brushless motor will keep this tool going for years to come.

SPECIFICATION: 18 V. Chuck capacity: 1.5 - 13 mm. Battery: 5.0 Ah Li-ion. No load speed: 0 - 500/0 - 2,000 rpm. Torque settings: 30/54 Nm. Max drilling capacity: wood/38 mm, steel/13 mm. Weight: 1.8 kg.

o Full kit supplied in a MAKPAK type 2 connector case with inlay, 2 x 5.0 Ah batteries, and a Compact Charger.

code	description	price
POWDDF484RTJ	Full kit	£269.00
POWDDF484Z	Barebody only	£129.95
POWB1850B	Spare Battery	£61.00
POWB18RC	Compact charger	£39.95

## OSCILLATING MULTI TOOLS

### Makita DTM52 Bare Unit

Cordless Oscillating Multitool that comes with great reviews. Compared to its rivals the Makita DTM52 is much lighter and quieter which offers great value for its performance. Great for a multitude of uses in sanding and cutting, multitools are unrivalled in their flush cutting abilities. See page 307 for blades

SPECIFICATION: Battery: 18V Li-ion Battery. Fits all StarLock, StarLock Plus & StarLock Max accessories. Variable Speed Control. Brushless Motor. Antivibration for comfort in use.

Accessories can be attached at 12 different angles

code	description	price
POWDTM52K	Full kit + 1 x Battery	£247.00
POWDTM52	Barebody only	£179.00

## JIGSAWS

### Hikoki CJ90VST

A good quality jigsaw packed with features at a fantastic price.

- ✓ Tool-free blade lock
- ✓ Dust extraction adapter available
- ✓ Adjustable base up to 45°
- ✓ Variable speed
- ✓ 4-stage orbital action

SPECIFICATION: Power input: 705 W. No load speed: 850 - 3,000 rpm. Length of stroke: 20 mm. Min cutting radius: 25 mm.

Capacity: wood/90 mm, mild steel plate/8 mm. Overall length: 228 mm. Weight: 2.2 kg.

Supplied in a carrying case with: blade, and blade change tool.

code	description	price
POWCJ90VST	Jigsaw 240 V	£92.00

### Bosch GST150BCE

Bosch invented the jigsaw and still make some of the best. Fitted with a new blade clamping system for excellent cut precision. Plus all the features you would expect from Bosch including dust extraction and robust magnesium base plate. Tool-free blade change system, variable speed control and 4-stage pendulum action.

SPECIFICATION: Output: 780 W. No load speeds: 500 - 3,100 spm. Stroke length: 26 mm. Maximum capacity: wood/150 mm, steel/10 mm, aluminium/20 mm. Weight: 2.7 kg.

Supplied in a carrying case with: saw blade [T144DP], anti-splinter guard, dust extraction set, and glide shoe.

code	description	price
POW038	Jigsaw 240 V	£165.00
POW038110V	Jigsaw 110 V	£166.00

## RECIPROCATING SAWS

### DeWalt DCS380M2 Reciprocating Saw 18 V XR 4 Ah Li-ion

The XR 4.0 Ah Li-ion battery technology delivers high performance, long life and maximum runtime. Powerful and highly efficient fan-cooled motor for fast cutting action maximising productivity. Optimised power to weight ratio and intelligent variable speed trigger, lock-off switch and electronic brake give quick controlled cuts and enhanced work safety. It has a lever-action keyless blade clamp.

SPECIFICATION: Power output: 560 W. No load stroke rate: 0 - 2,950 spm. Stroke length: 28.6 mm. Dims: 425 x 195 mm [LxH]. Weight: 3.3 kg.

Supplied in a case with: 2 x 4 Ah Li-ion batteries+ multi-volt charger.

code	description	price
POWDSC380M2	Reciprocating Saw	£249.00

## CIRCULAR SAWS

**Hikoki C7SB3**

A medium-sized rip snorter offering great value for money for a proven reliable machine.

SPECIFICATION: 230 V. Power input: 1710 W. No load rate: 6,000 rpm. Blade diameter/bore: 185/30 mm. Max depth of cut: 62 mm [47.5 mm at 45°]. Weight: 4.3 kg. This circular saw is supplied with carrying case.



code

POWC7SB3

price

£99.95

## MITRE SAWS

**DeWalt DWS777 Mitre Saw**

This mid-sized machine offers excellent value for money, especially with DeWalt's build quality. A proven, reliable machine.

SPECIFICATION: Power input/output: 1800/1100 W. Blade speed: 6,300 rpm. Blade diameter/ bore: 216 x 30 mm. Bevel cap: 48°. Mitre cap: [right/left] 50°/50°. Cutting cap at 90°/90° [W x H]: 270 x 62 mm. Cutting cap at 45°/90° [W x H]: 189 x 62 mm. Cutting cap at 90°/45° [W x H]: 173 x 62 mm. Cutting cap at 45°/45°: 190 x 48 mm. Max depth of cut [saws]: 80 mm. Dims: 490 mm x 550 mm x 590 mm [LxDxH]. Weight: 14.0 kg. Supplied with: 24-tooth blade, blade Allen keys, and material clamp.



code

POWDWS777

description

Mitre Saw 240 V

price

£309.00

POWDWS777L

Mitre Saw 110 V

£309.00

DEW1952

Spare Blade

£28.95

## GRINDERS

**Hikoki G12STX/J7 115 mm Mini Grinder Set**

Once we stocked a cheap grinder. It was intended as a "get you out of trouble tool" but the burnt-out wrecks would come back to us for refunds. We decided to stock a more expensive but great value grinder. Now we don't need to sort out refunds and you get the job done.

600 W. Spindle thread: M14 x 2. Arbor: 22.23 mm. No load speed: 11,500 rpm. Weight: 1.8 kg. Supplied in a case with: a diamond blade.



code

POWG12STX

description

Mini Grinder

price

£49.50

**Hikoki G23ST 230 mm Angle Grinder**

A powerful 2,000 W motor with a spindle lock. This machine is suited to workshop production work and will provide a long service life.

SPECIFICATION: 2,000 W. Spindle Thread: M14 x 2. No load speed: 6,600 rpm. Weight: 5.1 kg. Supplied in a case with: diamond blade, spanner and a side handle.



code

POWHIT23STCD

description

Angle Grinder

price

£129.00

## SANDERS &amp; POLISHERS

Flints stocks a wide range of top quality abrasives at very competitive prices. It is a wise investment to stock up on quality industrial-grade products which will far outlast the rather inferior and overpriced ranges that can be found in many of the "sheds". Our abrasives can be found from page 312.

**DeWalt DWE6423 Random Orbital Sander 125 mm**

Powerful enough for any job but especially useful for spot sanding small and curved areas. Weighs just 1.28 kg. One-handed operation; textured grip and palm design for comfort. The small orbit size gives a smooth finish. Takes hook and loop 125 mm sheets [page 312]. Dust bag fitted.

SPECIFICATION: Paper size: 125 mm Ø. Pad size: 125 mm Ø. Speed: 8,000 - 12,000 opm



code

PODWE6423

description

Palm Sander

price

£89.00

**Makita 9403 Belt Sander**

The quietest belt sander in its class with a 500 m/min belt speed for fast material removal and dust bag with 360° swivel for convenience.

SPECIFICATION: Power input: 1,200 W. Paper size: 610 x 100 mm. Belt speed: 500 mpm. Weight: 5.9 kg. Supplied with: sanding belt and dust bag.



code

POW9403

description

Belt Sander

price

£74.70

**Bosch GP014 CE 240 V Professional Polisher**

Particularly useful when combined with the tapered thread and wire brush listed.

- ✓ 6-stage speed pre-selection for working on a wide variety of materials
- ✓ Plastic-shielded gear housing with improved insulation
- ✓ Specially developed air inlets ensure optimum motor cooling for a long lifetime
- ✓ D-handle for easy grip adjustment in different work positions
- ✓ Triple-control safety switch for controlled switching-on of the machine
- ✓ Cut-out carbon brushes for a high level of motor protection.

Specifications: Rated input power: 1,400 W. No-load speed: 750 - 3,000 rpm. Power output: 800 W. Grinding spindle thread: M14. Rubber sanding plate Ø: 180 mm. Wire cup brush Ø: 100 mm. Cup wheel Ø: 180 mm. Polishing sponge Ø: 160 mm. Surface brush Ø: 175 mm. Weight: 2.5 kg

Supplied in a carton with: auxiliary handle and D-handle.



code

POWGP014CE

description

Bosch GP014 CE

price

£179.00

POWM14TC

Tapered cone adapter [M14 internal thread]

£39.49

ABR120ST

Wire brush wheel [120 mm Ø x 16 mm. 0.08 mm steel wire]

£31.25

## ROUTERS

### Trend T4EK 240 V 1/4" Variable Speed Router Includes FREE 12 piece cutter set while stocks last

This lightweight router is fantastic value and perfect for light use. Features:

- ✓ Variable speed control
- ✓ Spindle lock
- ✓ Hex collet nuts for easy cutter changers
- ✓ Removable collar base for carving, die grinding, and pillar drill fitment
- ✓ Twin dust spout fixing holes
- ✓ Adjustable twin rod side fence for guiding along a straight edge
- ✓ Includes special 16 mm guide brush for use with hinge jig.

SPECIFICATION: 230 V Power Input: 850 W. Ampage: 3.7 amp. No load speed: 11,500 - 32,000 rpm. Collet sizes: 1/4", 6 mm, 8 mm [all hex]. Dust spout size ID: 34 mm. Guide Brush Ø 16 mm. Rod Ø: 8 mm. Rod length: 300 mm. Rod centres: 84 mm. Base Size: 143 x 102 mm. Max cutter diameter: 30 mm. Plunge stroke in wood: 35 mm. Weight: 2.8 kg

Supplied in a storage case with: 3 x collets [1/4", 6 mm, 8 mm], bolt-on dust spout [34 mm], guide brush [16 mm], hinge jig guide brush [16 mm], 2 spanners, 1 side fence, 1 hex key, and while-stocks-last a 12 piece cutter set.

Cutter Set, provided in hard plastic case, includes:  
Straight: 1 x 6.3 mm Ø x 16 mm and 1 x 12.7 mm Ø x 19 mm  
Guided Round Over: 1 x 6.35 mm rad and 1 x 9.5 mm rad  
Guided Trimmer: 1 x 12.7 mm  
Dovetail: 1 x 104° x 12.7 mm Ø  
Guided Chamfer: 1 x 45° Guided Rebater: 1 x 9.5 mm  
Guided Cove: 1 x 6.3 mm rad 'V' Groove: 1 x 45°  
Guided Ogee: 1 x 4 mm rad Core Box: 6.35 rad

code	description	price
TRET4EK	Router inc. free bit set	£89.95



## FAITHFULL ROUTER BIT SETS

### Faithfull Router Bit Sets

Four sets designed to suit the needs of most professionals and routing enthusiasts. Supplied in a sturdy aluminium storage case representing fantastic value. Every Faithfull cutter tip is made from tungsten carbide brazed to the steel body and balanced to ensure vibrationfree operation.



code	description	price
FAIRBS12	12-piece 1/4" shank	£31.15
FAIRBS15	15-piece 1/2" shanks	£42.32
FAIRBS30	30-piece 1/4" shanks	£71.95
FAIRBS35	35-piece 1/2" shank	£98.53

## HEAT GUNS

### Metabo Hot Air Gun

Has a powerful motor with two heating and three blower levels. The ergonomic design and rubbercoated handle provides ideal handling and a safe application.

Ideal for:

- ✓ Dust-free removal of paint and varnish
- ✓ Drying samples and filler/texture compounds
- ✓ Applying heat shrinks
- ✓ Heat shrinking mirrors
- ✓ Softening thermoplastics.

SPECIFICATION: Rated input power: 1,600 W. Air volume: 240 - 450 L/min. Air temp: 300 - 500° C. High service life due to easy-to-clean air filter. Weight without power cable: 700 g. Supplied in a plastic carry case with: 50 mm wide jet nozzle, and 20 mm reducing nozzle.



code	description	list price	Tradeline
POWM16500	Heat Gun	£61.05	£48.72

### Clarke CHG2000C Hot Air Gun

This version of Clarke's economical hot air gun has twin heat settings at 350°C and 550°C. Includes four assorted nozzles and complies with British and European safety standards.

Weight: 0.7 kg.



code	description	list price	Tradeline
POW3400764	Hot Air Gun	£35.95	£29.98

## BLOW LAMPS

### Campingaz® Handy Auto Blow Lamp

This auto blow lamp has a highly ergonomic, shock resistant polypropylene handle for comfortable use. With Piezo automatic ignition, it is extremely easy to light. The brass burner produces a flame which allows fine adjustment via a nozzle. It can be operated off either the Campingaz® CG1750 or CG3500 valve cartridges.

Gas consumption: 175 g/h. Flame temperature: 1,750° C.

Runtime: 1 h with CG1750. Weight: 227 g

Supplied with a CG1750 gas cartridge.



code	description	price
GAZTH2000PZ	Handy Auto Blow Lamp	£35.88
TAYTH1750	Replacement Cartridge [170 g]	£6.03
TAYTH3500	Replacement Cartridge [350 g]	£8.05



## DREMEL® 3000

### Dremel® 3000 Variable Speed Multi-Tool Kit

After years of requests we have now added this Dremel® Multi-Tool to our range of power tools. Whilst we're sure many people will find this tool useful, it's most likely to be found in the propmaking department. This incredible little tool has interchangeable accessories and attachments that allows the user to tackle almost any detailed task. With the correct accessories and the Dremel, it's possible to do the following tasks:

- ✓ Carving ✓ Engraving ✓ Routing ✓ Cutting ✓ Sanding ✓ Grinding
- ✓ Sharpening ✓ Polishing ✓ Cleaning

#### Features:

- ✓ EZ Twist™ nose cap to quickly swap out accessories and switch from cutting to sanding in a jiffy
- ✓ Variable speed, 10,000 - 33,000 RPM: gives the user ultimate control and comfort when using
- ✓ Ergonomic design, makes the tool comfortable in hand
- ✓ Integrated hanging hook for easy storage on your work bench
- ✓ Carry case for when you're on-the-go.

SPECIFICATION: Rated power input: 130 W, Voltage: 230 V, Weight: 0.55 kg, Dims [LxWxD]: 190 x 50 x 45 mm, No load speed: 10,000 - 33,000 min<sup>-1</sup>, Sound pressure: 77.1 dB(A), Sound power: 88.1 dB(A), Vibration: 12.8 m/s<sup>2</sup>

Tool supplied in a cardboard box with: 2 x mandrel [1 x 401, 1 x 402], 13 mm Ø sanding mandrel with 60 grit sanding band [407], 1 x 13 mm Ø 60 grit sanding band [408], 2 x 13 mm Ø 120 replacement grit sanding band [432], 1 x 9.5 mm Aluminium Oxide grinding stone [cylinder - 932], 2 x 13 mm Ø polishing wheel [414], 1 x 19 mm Ø bristle brush [403], 4 x 32 mm Ø cut-off wheel [540], 1 x 3.2 mm Ø drill bit [150], soft carry bag, instruction manual.

## DREMEL® ACCESSORIES

### 100 piece Dremel® Multipurpose Accessory Set

Supplied in a hard case, containing: 1 x 3.2 mm drill bit [150], 1 mandrel [401], 1 x mandrel [402], 1 x EZ SpeedClic Mandrel [SC402], 1 x high speed cutter [191], 1 x 9.5 mm Ø Aluminium Oxide grinding stone [cone - 952], 1 x 4.8 mm Ø Aluminium Oxide grinding stone [cylinder - 8153], 1 x 3.2 mm Ø Silicon Carbide grinding stone [bullet - 83322], 1 x 4.8 mm Ø Silicon Carbide grinding stone [cone - 84922], 1 x 22.4 mm Ø Aluminium Oxide grinding wheel [541], 1 x pot of polishing compound, 10 x 13 mm Ø polishing wheel [414], 6 x 26 mm Ø polishing wheel [429], 2 x 10 mm Ø polishing point [422], 1 x 13 mm Ø bristle brush [404], 1 x 19 mm Ø carbon steel brush [428], 36 x 24 mm Ø cut-off wheel [409], 1 x 24 mm Ø heavy duty cut-off wheel [420], 3 x 38 mm Ø EZ SpeedClic wheel [SC402], 10 x 19 mm Ø 180 grit sanding disc [411], 10 x 19 mm Ø 240 grit sanding disc [413], 1 x 6.4 mm Ø mandrel with 60 grit sanding band [430], 1 x 6.4 mm Ø 60 grit sanding band [431], 1 x 6.4 mm Ø 120 grit sanding band [438], 1 x 13 mm Ø sanding mandrel with 60 grit sanding band [407], 1 x 13 mm Ø 60 grit sanding band [408], 1 x 13 mm Ø 120 grit sanding band [432].

### 150 piece Dremel® Multipurpose Accessory Set

Supplied in a hard case, containing: 1 x 3.2 mm drill bit [150], 1 mandrel [401], 1 x mandrel [402], 1 x EZ SpeedClic Mandrel [SC402], 1 x high speed cutter [191], 1 x 9.5 mm Ø Aluminium Oxide grinding stone [cone - 952], 1 x 4.8 mm Ø Aluminium Oxide grinding stone [cylinder - 8153], 1 x 3.2 mm Ø Silicon Carbide grinding stone [bullet - 83322], 1 x 4.8 mm Ø Silicon Carbide grinding stone [cone - 84922], 1 x 22.4 mm Ø Aluminium Oxide grinding wheel [541], 1 x pot of polishing compound, 10 x 13 mm Ø polishing wheel [414], 6 x 26 mm Ø polishing wheel [429], 2 x 10 mm Ø polishing point [422], 1 x 13 mm Ø bristle brush [404], 1 x 19 mm Ø carbon steel brush [428], 36 x 24 mm Ø cut-off wheel [409], 1 x 24 mm Ø heavy duty cut-off wheel [420], 3 x 38 mm Ø EZ SpeedClic wheel [SC402], 10 x 19 mm Ø 180 grit sanding disc [411], 10 x 19 mm Ø 240 grit sanding disc [413], 1 x 6.4 mm Ø mandrel with 60 grit sanding band [430], 1 x 6.4 mm Ø 60 grit sanding band [431], 1 x 6.4 mm Ø 120 grit sanding band [438], 1 x 13 mm Ø sanding mandrel with 60 grit sanding band [407], 1 x 13 mm Ø 60 grit sanding band [408], 1 x 13 mm Ø 120 grit sanding band [432].



100 piece set

150 piece set



#### Dremel® 3000 Kit and Accessories

	price
TOLDRE3000 Dremel 3000 kit	£49.98

#### Dremel® 3000 Accessory Set

	price
TOLDRE100SET 100 piece Accessory Set [723]	£29.80
TOLDRE150SET 150 piece Accessory Set [724]	£36.67

#### Dremel® 3000 Accessories

		pack qty	price
TOLDRE401	Mandrel [401]	3	£3.81
TOLDRE402	Mandrel [402]	4	£6.10
TOLDRESC402	EZ SpeedClic Mandrel [SC402]	1	£9.14
TOLDRE932	9.5 mm Ø cylinder Aluminium Oxide [932]	3	£5.33
TOLDRE952	9.5 mm Ø cone Aluminium Oxide [952]	3	£5.37
TOLDRE4922	4.8 mm Ø cone Silicon Carbide [84922]	3	£6.65
TOLDRE421	Polishing Compound [421]	1	£2.26
TOLDRE414	13 mm Ø Polishing Wheel [414]	6	£1.96
TOLDRE429	36 mm Ø Polishing Wheel [429]	3	£3.99
TOLDRE403	19 mm Ø Bristle Brush [403]	2	£3.65
TOLDRE409	24 mm Ø Cutting Wheel [409]	36	£7.52
TOLDRESC456	38 mm Ø EZ SpeedClic Cutting Wheel [456]	5	£9.09
TOLDRE430	6.4 mm Ø Mandrel + 60 Grit Sanding Band [430]	2	£5.12
TOLDRE431	6.4 mm Ø 60 Grit Sanding Band [431]	6	£2.03
TOLDRE438	6.4 mm Ø 120 Grit Sanding Band [438]	6	£2.03
TOLDRE407	13 mm Ø Mandrel + 60 Grit Sanding Band [407]	2	£2.40
TOLDRE408	13 mm Ø 60 Grit Sanding Band [408]	6	£2.10
TOLDRE432	13 mm Ø 120 Grit Sanding Band [432]	6	£2.10

# POWER TOOL ACCESSORIES

## STARRETT JIGSAW BLADES

### Starrett Unified Shank Bi-Metal Jigsaw Blades

These Starrett blades impressed us so much during a demonstration that we decided on the spot that we had to stock them. We would highly recommend that you try them. ✓ Unified shank fits all jigsaw machines ✓ Unique bi-metal technology joins the steels by solid state diffusion bonding ✓ Unbreakable during normal use ✓ Typically lasts 25% longer than directly competing products ✓ 170% greater resistance to tooth breakage ✓ Each blade performs many functions so fewer types are needed

code	description	equivalent blades	toothed/blade length	cuts up to	TPI	qty	price
POWBU36T	Fine [Fast Wood Blades]	T101D, T101DP, U101D, U101DP	75/100mm	30-45mm	6	5	£10.58
POWBU224	Metal	T118A, T118AF, T218A, U118A, U118AF	50/75mm	1.6-3.2mm	24	5	£8.21



## BOSCH JIGSAW BLADES

### Bosch Jigsaw Blades

Bosch make more jigsaw blades than anyone else – over 6 billion! They fit Bosch, Festool, Hitachi, AEG, Elu, Holzher and Metabo etc.



code	description	type	toothed length	toothed spacing	cuts up to	wood	plastic	metal	ply	qty	price
For Wood											
POWT101B	Clean cutting [progressive teeth]	T101B	74mm	2.7mm	3-30mm	Y	Y	N	Y	5	£7.49
POWT101BR	Splinter-free cuts with down-facing teeth	T101BR	74mm	2.5mm	3-30mm	Y	Y	N	Y	5	£8.01
POWT101AO	Curve and right angle cuts. Also laminated chipboard	T101AO	56mm	1.4mm	1.5-15mm	Y	N	N	Y	5	£7.17
POWT101D	Quick cutting [progressive teeth]	T101D	74mm	4-5.2mm	10-45mm	Y	Y	N	Y	5	£7.49
POWT144D	Quick cutting popular blade [progressive teeth]	T144D	74mm	4-5.2mm	5-50mm	Y	N	N	Y	5	£5.80
POWT244D	Curve cutting [progressive teeth]	T244D	74mm	4-5.2mm	5-50mm	Y	N	N	Y	5	£7.68
POWT111C	Coarse cutting wood	T111C	74mm	3mm	4-50mm	Y	N	N	Y	5	£4.51
POWT119B	Wavy set teeth for wood	T119B	50mm	1.9-2.3mm	2-15mm	Y	Y	N	Y	5	£4.04
For Wood and Metal											
POWT345XF	Material 1: Progressor for construction timber with nails	T345XF	106mm	106mm	3-65mm	Y	Y	Y	Y	5	£12.91
	Material 2: Glass fibre, reinforced plastic/epoxy				3-10mm						
	Material 3: Metal plate, pipes/profiles including aluminium [Ø]				3-10mm						
For Metal and Plastics											
POWT101A	Perspex, polycarbonate, acrylic sheet	T101A	75mm	2mm	2-20mm	N	Y	N	N	5	£13.36
POWT123X	Material 1: Progressor for metal plate	T123X	74mm	1.2-2.6mm	1.5-10mm	N	Y	Y	N	5	£11.25
	Material 2: Pipes/profiles including aluminium [Ø]				1.5-30mm						
POWT127D	Material 1: Curved cutting for metal plate	T127D	74mm	3mm	3-15mm	N	Y	Y	N	5	£8.39
	Material 2: Pipes/profiles special for aluminium [Ø]				< 30mm						
	Material 3: Glass fibre, reinforced plastic/epoxy				< 30mm						
POWT118A	Mild steel plate [progressive teeth]	T118A	50mm	1-1.5mm	1-3mm	N	Y	Y	N	5	£7.17
POWT118B	Mild steel plate [progressive teeth]	T118B	67mm	1.9-2.3mm	2.5-6mm	N	N	Y	N	5	£7.17
For Soft Materials											
POWT313AW	Cardboard, polystyrene, carpet, leather, rubber [tooth spacing: knife ground]	T313AW	126mm	knife ground	< 100mm	N	N	N	N	3	£13.58

### Reciprocating Sabre Saw Blades

These bi-metal blades fit DeWalt, Bosch, Black and Decker, Hitachi, Metabo, Makita and Skil. The metal cutting blades will swiftly cut through metals 1.5 - 10 mm thick including non-ferrous, pipe conduit, steel sheet and stainless steel. The wood, and metal/wood [nail embedded] blades will rapidly cut wood 5 mm and thicker. See page 302 for the 18 V cordless DeWalt Reciprocating Saw.

Flints can supply other makes and types of Jigsaw Blades. For Jigsaws see pages 302.



code	description	detail	toothed/blade length	cuts up to	TPI	qty	per box
TOL10506424	Metal cutting	Ferrous and non-ferrous	130/150mm	1.5-10mm	14 [1.4mm]	2	£6.60
TOL10504150	Wood cutting	Very fast wood	130/150mm	> 3mm	6 [4.2mm]	5	£14.09
TOL10506429	Metal/Wood	All wood, plastics and metals [e.g wood and nails]	130/150mm	> 5mm	6 [4.2mm]	2	£7.56

## STARLOCK BLADES FOR OSCILLATING MULTI-TOOLS

### Starlock 'Metal Buster' - 35 mm Metal Cutting Blade

Stubby Tungsten Carbide Multitool Blade Useful for cutting through steel bolts, fibreglass, fibre cement board, and non ferrous metals. Compatible with the Makita DTM52 Cordless Multitool on page 302.



code

ST35MB1

price

£25.38

### Starlock Plus 32mm Bi-Metal Blade

Deep Cutting Multitool Blade for Wood & Non Ferrous Metals StarLock fittings have more of a 'cake tin' style fitting that enables greater transfer of power from the tool to the blade. On previous Multitools longer blades increased the risk of shearing off the pins that used to hold the blade in place, this is no longer the case with StarLock. Compatible with the Makita DTM52 Cordless Multitool on page 302.



code

ST32BML1

price

£26.52

### Starlock Plus 32mm Rapid Wood & Plastics Blade

Deep Cutting Multitool Blade for Wood & Plastics. StarLock fittings have more of a 'cake tin' style fitting that enables greater transfer of power from the tool to the blade. On previous Multitools longer blades increased the risk of shearing off the pins that used to hold the blade in place, this is no longer the case with StarLock. Compatible with the Makita DTM52 Cordless Multitool on page 302.



code

ST32RWL1

price

£11.93

## STARLOCK SETS FOR OSCILLATING MULTITOOLS

### SMART Starlock 4pc Blade Pack

Four piece Multitool Blade Set for cutting wood, plasterboard, nails, nonferrous metal & plastic. Compatible with the Makita DTM52 Cordless Multitool on page 302.

Set contains:

- 1 x 32 mm Bi-Metal Blade (Wood & Nails, non-ferrous metals)
- 1 x 44 mm Bi-Metal Blade (Wood & Nails, non-ferrous metals)
- 1 x 32 mm Rapid Wood Cutting Blade (Plasterboard & Plastics)
- 1 x 63 mm Rapid Wood Cutting Blade (Plasterboard & Plastics)



code

ST4MAX

price

£26.34

### Starlock 31 Piece Complete Sanding Kit

F31 Piece Sanding Kit for Multitool for all your sanding needs. Comes with 10 sheets of 3 different grits to get you started, see Abranet triangular sanding sheets for larger pack sizes in a grit of your choice, hook and loop attachment. StarLock type fastening for backing pad. Compatible with the Makita DTM52 Cordless Multitool on page 302.

Set contains:

- 1 x 93mm Triangular Backing Pad
- 10 x 60 Grit Sanding Sheets
- 10 x 80 Grit Sanding Sheets
- 10 x 120 Grit Sanding Sheets



code

STS93KIT

price

£22.80

## DRILL BITS

### Irwin HSS Twist Bits [Jobber Length]

Din Standard 338 [Durability] combined with efficient cutting. 118° point shape for drilling a wide selection of materials. Precision ground cutting edges.



code	Ø	price	10+	code	Ø	price	5+
TOL200	1mm	£0.75		TOL2013	7.5mm	£3.10	£2.66
TOL2001	1.5mm	£0.75	£0.64	TOL2014	8mm	£3.48	£2.98
TOL2002	2mm	£0.83	£0.72	TOL2015	8.5mm	£3.71	£3.18
TOL2003	2.5mm	£0.88	£0.75	TOL2016	9mm	£4.28	£3.67
TOL2004	3mm	£0.94	£0.81	TOL2017	9.5mm	£4.71	£4.04
TOL20042	3.2mm	£1.90	£1.71	TOL2018	10mm	£4.88	£4.18
TOL2005	3.5mm	£1.10	£0.94	TOL2019	10.5mm	£5.85	£5.02
TOL20058	3.8mm	£1.12	£1.01	TOL2020	11mm	£6.44	£5.52
TOL2006	4mm	£1.20	£1.03	TOL2022	12mm	£7.78	£6.66
TOL2007	4.5mm	£1.38	£1.18	TOL2023	12.5mm	£8.14	£6.98
TOL2008	5mm	£1.55	£1.33	TOL2024	13mm	£8.51	£7.29
TOL2009	5.5mm	£1.95	£1.67				
TOL2010	6mm	£2.21	£1.89				
TOL2011	6.5mm	£2.46	£2.11				
TOL2012	7mm	£2.70	£2.32				



# POWER TOOL ACCESSORIES

## DRILL SETS

### Irwin Metric HSS Pro Drill Set

High quality HSS Pro Drill bits listed above, but in a strong carrying case. Will efficiently tackle the toughest jobs.  
19 drill bits [1 - 10 mm HSS PRO bits in 0.5 mm increments]



code	description	price
TOL10502500	19 bits	£34.13

### Dormer Drill Set

New case! Same renowned Dormer drills but in a robust plastic case. Less weight. Drills fit snugly into their slots and each size is marked clearly in white print.  
25 drill bits [1 mm to 13 mm in 0.5 increments].



code	description	price
DORSET204	25 bits	£138.55

### Budget Drill Set

This set is suitable for the occasional user such as students or stage managers rather than full-time trades staff. Considering the price, they really are pretty good. 19 pieces all in a metal box.  
19 bits [1 - 10 mm in 0.5 increments]



code	description	price
TOL2069	19 bits	£15.79

### Faithfull 25 HSS Metric Drill Set & Case

Professional high speed steel drill bits manufactured from high quality M2 grade tool steel.  
25 drill bits [1 - 13 mm in 0.5 increments]



code	description	price
FAIMSET25PRO	25 bits	£96.85

## BLUE GROOVE 6X WOOD BORING BITS

### Blue Groove 6X Bits

For very rapid cutting with crisp clean cuts.

- ✓ "Tri-Flute" design for fast chip ejection
- ✓ Full screw tip for ease of use
- ✓ Cutting spurs for clean holes and minimal "break out"
- ✓ Full length heat treatment for durability



code	length	diameter	price
TOLBG22	165mm	22mm	£9.96
TOLBG25	165mm	25mm	£10.87

## FLAT BITS

### Irwin Flat Drill Bits

These are the longest lasting and fastest boring flat bits made. The extended spurs scribe the hole while the patented micro groovepoint gives faster, cleaner cutting. The hex shank fits any chuck over 6.5 mm. Designed to be used at speeds over 1,000 rpm.

- ✓ Will bore twice as fast as any other flat bit
- ✓ Will stay sharper and last 3 times as long as other flat bits



code	length	diameter	price
TOL2173	152mm	13mm	£6.65
TOL2179B	152mm	40mm	£12.72

### Irwin Flat Drill Bit Set

A handy 6-piece set in a plastic wallet. Contains 10, 13, 16, 19, 22 and 25 mm bits.

code	price
TOL217SET	£38.12

## EXPANSIVE BITS

### Expansive Bits

These bits will fit a standard drill chuck. At slow speeds the adjustable cutting blade will drill holes in wood from 22 to 76 mm.

- ✓ With just one expansive bit you can drill a full range of holes



code	price
BAH9528MDL	£49.45

## SDS DRILL BITS

### Irwin SDS Speedhammer Bits

These SDS bits will drill up to 25% faster and are capable of boring through reinforcing rod [providing it is safe to do so!]. Available from stock in the popular sizes listed below. Other sizes available to order.

code	suits masonry anchors	diameter	length	price
TOL31230	M6	12mm	300mm	£8.71
TOL31430	M8	14mm	300mm	£12.96
TOL32030	M12	20mm	300mm	£33.29

## MASONRY DRILLS

### Irwin Masonry Drill Bit Set

7-piece set containing 4, 5, 6, 7, 8, 10 and 12 mm in a plastic cassette.



code	description	price
TOL10501940	7-piece	£34.23



## HOLE SAWS

### Starrett Hole Saws

High speed steel, bi-metal high performance hole saws for heavy-duty performance. Maximum cutting depth 41 mm. Note: to get started the 51 mm holesaw and Arbor are required. Arbor has a hex shank to improve chuck grip. Hole saw set contains 6 top quality Starrett hole saws [22, 29, 35, 44, 51, and 64 mm] with A1 and A10 arbors. Supplied in a sturdy EVA case.

✓ Cuts through cast iron, tool steel, stainless steel, brass, bronze, aluminium, plastics and wood.



code	description	price
TOL1968	A10 Arbor with drill to suit 32 - 152 mm hole saws	£22.68
TOLHS51N	Hole Saw 51mm [for round boss plates]	£16.57
TOLHSSET	Hole Saw Set	£87.22

## COUNTERSINKS

### Countersinks for Drill Bits

These countersink bits produced from the highest grade carbon steel, leave a clean cut finish by virtue of their multi-tooth deep ground gullets. Not suitable on abrasive materials or metal. Drill bit not included.



code	to fit drill diameter	price
TOL6204WS	4mm	£12.80

### Trend Snappy Countersinks

Great value HSS countersinks that can be used directly in the drill or for super fast changeover use them with a Snappy Quick Chuck. They produce a 3/8" and 1/2" [No 12 only] counterbore to fit standard woodplugs. See also plug cutters.



code	description	to fit screw size	price
TRESNAPCS8		4mm [No.6 & 8]	£9.12
TRESNAPCS10		5mm [No.8 & 10]	£9.12
TRESNAPCSSET	set of 5 for No.4, No.6, No.8, No.10, No.12		£36.35

### Hexibit

A high speed steel countersink bit with a 6 mm hexagon shaft for three-jaw chucks or hexagon adapters. Three fluted bit is for use on metal and the five fluted bit is for wood.



code	description	head Ø	angle	price
TOLXCM10	Three Flute [metal]	10.4mm	90°	£19.80
TOLXCW10	Five Flute [wood]	10mm	90°	£16.43

## PLUG CUTTERS

### Plug Cutters

For cutting plugs from off-cuts of timber to make a perfectly grain matched plug. Made from tool steel. Can be used in Snappy Chucks or directly in a standard chuck – ideally in a pillar drill. They produce 9.5 mm [3/8"] or 12.7 mm [1/2"] plugs. See the Trend Snappy Countersinks for producing the perfect matching counterbore.



code	plug size inches	plug size	price
TRESNAPPC38	3/8"	9.5mm	£15.99
TRESNAPPC12	1/2"	12.7mm	£20.35

## FAITHFULL ROUTER BIT SETS

### Faithfull Router Bit Sets

Four sets designed to suit the needs of most professionals and routing enthusiasts. Supplied in a sturdy aluminium storage case representing fantastic value. Every Faithfull cutter tip is made from tungsten carbide brazed to the steel body and balanced to ensure vibrationfree operation.



code	description	price
FAIRBS12	12-piece 1/4" shank	£31.15
FAIRBS15	15-piece 1/2" shanks	£42.32
FAIRBS30	30-piece 1/4" shanks	£71.95
FAIRBS35	35-piece 1/2" shank	£98.53

## BIT HOLDER SYSTEMS FOR CORDLESS DRIVERS

### Snappy Quick Chuck

Designed for rapid changing of Trend Snappy accessories such as the countersinks listed above but it will also hold any 1/4" hex bits.



code	price
TRESNAPQC	£15.99

### Rapidaptor Snap Collet

Precision made by Wera to DIN 3126-D/E. Superb quality universal bit holder with rapid-in, rapid-out, and magnet for 1/4" hex bits. Wobble-free.



Snap Collet+Magnet Type

code	price
WER052502	£12.97

### Stanley Magnetic Bit Holder

A popular and economical bit holder for 1/4" hex bits. Not suitable for stainless steel bits.



Snap Collet+Magnet Type

code	price
STA168732	£5.25

## BIT PITS

### Bit Pits

We really love these - allows the user to keep on hand a little hex bit, and not lose it in a pocket. Held in place with a magnet, and attached to a key ring.



code	description	price	5+
TOLBPBHS	holds one hex bit	£6.99	£6.00

# POWER TOOL ACCESSORIES

## SCREWDRIVER BITS

### Wera Diamond-Coated Pozidriv Bits

These are the ultimate bits with diamond particles to bite into the screw head resulting in less wear on the bit and the screw, and reducing the driving force required.



code	description	length	price	5+	10+
WERA056702	PZ2	25mm	£2.94		£2.66
WERA056704	PZ3	25mm	£2.94		£2.66
WERA059902004	PZ2	50mm	£4.45	£3.87	

### Pozidriv Insert Bits

Some Wera, some Stanley, all good.

code	description	screw size	length	price
STA168945	PZ1 [1 pt]	No 6	25mm	£0.99
STA168949	PZ2 [2 pt]	No 8, No 10	25mm	£0.99
STA168926	PZ2 [2 pt]	No 8, No 10	50mm	£2.28
WER060038	PZ2 [2 pt]	No 8, No 10	150mm	£7.86
STA168953	PZ3 [3 pt]	No 12	25mm	£0.99

### Wera Torx Bit - TX

Used widely in Europe and gaining popularity in the UK, the design of Torx head screws/ bits means you can use a much higher torque without camming out/ damaging the screw head. This means they require far less effort to drive into wood. See also the new Torx screwdrivers on page 324.



code	torx size	length	price
WER485001	TX10	25mm	£1.15
WER486001	TX15	25mm	£1.15
WER487001	TX20	25mm	£1.15
WER488001	TX25	25mm	£1.15
WER490001	TX30	25mm	£1.15
WER198001	TX20	152mm	£9.87

### Stanley Phillips Bits

code	size	screw size	length	price
STA168942	PH1	No 6	25mm	£0.99
STA168946	PH2	No 8, No 10	25mm	£0.99
STA168950	PH3	No 12	25mm	£0.99

### Irwin Slotted Bits

code	screw size	slot width	length	price
TOL10504358	No 2	3mm	25mm	£0.48
TOL10504359	No 4 - 6	4.5mm	25mm	£0.15
TOL10504361	No 8	6.5mm	25mm	£0.15
TOL10504362	No 10	8mm	25mm	£0.17

## SETS OF SCREWDRIVER BITS

### Stanley 7-Piece Bit Set

The lid of the plastic case twists to allow access to the bits.

Supplied in a case with: magnetic bit holder, PH1, PH2, PZ1, PZ2, slotted 0.8 x 5 mm, 1.2 x 6.5 mm.



code	price
STA168737	£10.73

### WERA Bit-Check Diamond Bi-Torsion Rapidaptor

The ultra flat construction of the Bit-Check case has proved hugely successful. The push button allows the case to swing out providing easy access to the bits and holder. Special tempering of the bi-torsion bits allows higher peaks to be absorbed in the torsion zone. The blade itself also has a bitorsion zone to absorb the impact of load peaks.

The Rapidaptor bit holder allows bits to be quickly fitted by just inserting in the holder. Guaranteed secure and wobble-free. Release by pushing the clamping sleeve forward. Both one-handed operations. The outer sleeve is freespinning to give an additional grip point. The bits are coated with thousands of particles of diamonds which bite into the screw head dramatically reducing the chance of cam out – a great advantage when working near delicate surfaces. They're also colour coded for easy identification. What's not to love?

Supplied in a Bit-Check case with: 1/4" x 50 mm Rapidaptor, 25 mmbits: slotted 5.5, 6.5 mm; Phillips PH1, PH2, Pozidriv PZ1, PZ2.



code	price
WER057416	£27.78

## QUAD-DRIVERS AND SNAPPY FLIP OVERS

### Makita Quad-Driver

The Makita Quad-driver is a popular accessory for driver drills with carpenters who appreciate the speed saving of this clever device. The Quad-driver will drill a pilot hole, countersunk, counterbore in one operation and by reversing the bit holder it will drive the screws home.



code	for screw size	price
POW023	No 8	£14.08
POW025	No 10	£15.12

### Trend Screwdriver Snap/ Flip Set

4 pieces. Flip-over drill and screw driving set. Suitable for quick chucks and power drills. Good value.

Supplied in a plastic case with: quick change shank, drill bits: 2.4 mm, 2.8 mm, 3.2 mm. No 2 Poz: 3.5 mm, 4.0 mm, 4.5 mm.



code	price
TRESNAPFLIP	£20.13

## WELDING CONSUMABLES

### Electrodes

We stock them for steel but can order for cast iron, stainless steel 308 [for 304] or 316, and aluminium. Please allow 5 days.



code	diameter	pack size	price
MET084421	2mm	50	£5.95
MET084438	2.5mm	50	£6.59
MET084445	3.2mm	50	£9.05

### Welding Wire Reels

We stock reels for welding steel but we can easily order reels for welding other materials. Please allow 5 days.



code	weight	length	diameter	price
MET086111	5kg	200m	0.6mm	£32.00
MET086128	5kg	200m	0.8mm	£24.58
MET086135	5kg	200m	1mm	£23.32

## SUNDRIES

### Sundries

Sundries are listed in more detail elsewhere in the catalogue.

code	description	pack	price
SAF548314	Deb Barrier Cream	100ml	£3.10
SAFSWASOR4LMP	Swarfega Orange Hand Cleaner	4L	£28.00
PAT502	Methylated Spirit	5L	£17.38
APR1F	Sparks for the grinder	1 Box	£0.00

## MAGNETIC CLAMPS

### Magnetic Clamps

Choose between, a fixed clamp to hold steel items at 90°, 45°, or 135°, or a double magnet to form any angle.



code	description	price
MET044203	Fixed	£8.15
MET044302	Variable	£14.30

## PROTECTIVE GEAR

### Flip Flap Welding Helmet

This welding helmet is suitable for all welding except laser, gaz, or Oxy-Acetylene. The flip front [shade 11] is for welding, the fixed clear screen for vision before welding or for grinding. Ideal for MMA up to 150 or MIG up to 200. SPECIFICATION: Viewing area: 97 x 80 mm. CE conformity EN 175, EN 166 and EN 168. Weight: 429 g.



code	description	pack	price
MET042513	Welding Helmet	1	£16.50
MET042698	Spare Screens Internal Tinted	20	£7.30

### LCD Expert Welding Helmet

This LCD Expert auto-darkening welding helmet switches from light to dark state when a welding arc is struck in a fraction of a second (0.5 ms). The auto-darkening welding helmet switches back to the light state when the arc stops. (reverts to clear in 0.35 s) With 'True Colour Technology' which enables a greater colour reproduction than conventional filters on welding masks. The headband is fully adjustable and padded for ease of use.

Conforms to: EN 175 / EN 166 / EN 37, Weight: 470 g



code	price
MET040755	£45.80

### Professional Welding Apron

A tough leather apron with pouches which will withstand sparks and touching against hot metal.



code	price
MET045217	£35.90

### Welder's Gauntlets [T10]

Multipurpose heavyduty gloves suitable for welding [MMA, MIG, Plasma].



code	quantity	price
MET045101	1 pair	£9.30



## ABRASIVES

Flints' abrasives are chosen for their quality and value. Ultimately, hand sanding achieves the best results prior to painting or varnishing but it can be very time consuming. A good compromise is to use an orbital sander on the large flat areas and hand sand any rounded and convex parts which would be cut away too quickly with a machine.

### Choosing the grit

600 grit and finer	Used prior to polishing
400 grit	Used prior to topcoat of varnish or enamel on best brightwork
320 grit	Used prior to top or second to topcoat
240 grit	Used to flatten undercoats and early varnish coats
120 grit	Used to prepare raw timber prior to first primer coats of varnish or paint
80 grit	Used to remove old paint and filler prior to finer sanding
60 grit and coarser	Used for rapid removal of excess filler and for shaping timber

### Choosing the abrasive type

**Waterproof Paper or "Wet & Dry" paper** can be used wet on plastics or previously painted or varnished surfaces. The water helps to lubricate the surface and reduces clogging. It also prevents dust. However, it is hard to judge where the paper has fully matted the surface while it is wet and the water will penetrate small screw holes and may take many hours to dry. Waterproof paper can also be used dry. Typical applications would be for fine finishing of display cabinets, finishing prior to gold leaf or Dutch metal, hand prop finishing, preparation prior to spraying and marine varnishing.

**Glass Paper** is suitable for the carpentry shop prior to painting and for removal of splinters where a block plane cannot be used. Most conveniently supplied on a roll.

**Hook and Loop Abrasives** are becoming more and more popular. They are quickly attached to hand blocks which are normally supplied with one medium and one very soft side. The lack of waste and speed of sheet changing plus the ease of storage makes this a good versatile choice for the propshop. All the Mirka sanding sheets listed attach this way.

**Emery Cloth** has a blue twill cloth backing and is used in engineering shops for cleaning of rust, surface preparation and fine finishing.

**Abrasive Pads** are available in four grades from ultrafine for denibbing and keying between paint coats to heavy-duty for removal of corrosion on steel and aluminium. They can be used dry or with water. When used with a hose they will clean and prepare in one quick operation.

### Mirka Iridium Triangular Sheets Festool Compatible

Hook and loop fastened sheets. Premium abrasive for universal sanding. Mix of ceramic and aluminium oxide grains on a flexible paper with precision coating that prevents clogging and reduces pilling. Top stuff.



code	Grit	diameter	pack qty	price
ABRMT04050	P40	93mm	50	£25.83
ABRMT06050	P60	93mm	50	£24.03
ABRMT08050	P80	93mm	50	£19.02
ABRMT10050	P100	93mm	50	£19.02
ABRMT12050	P120	93mm	50	£19.02
ABRMT15050	P150	93mm	50	£19.02
ABRMT18050	P180	93mm	50	£19.02

### Mirka Iridium & Abranet Sanding Discs Festool Compatible

We stock 2 types of Festool-compatible discs. The 90 mm Iridium abrasives have a mix of ceramic and aluminium oxide grains on a flexible paper with precision coating that prevents clogging and reduces pilling. The 125 mm and 150 mm feature the Abranet technology, which means the whole sheet is a mesh reducing the need to perfectly orient the sheet onto the tool, and allows for maximum dust extraction. This allows for truly dust-free sanding (when used with a dust extractor). We really rate them. Both have velcro-like attachment.



	code	Grit	holes	Ø	pack qty	price
Iridium 7 hole - 90mm Ø	ABRM9004050	P40	6 + 1	90mm	50	£32.42
	ABRM9006050	P60	6 + 1	90mm	50	£30.21
	ABRM9008050	P80	6 + 1	90mm	50	£23.91
	ABRM9012050	P120	6 + 1	90mm	50	£23.91
	ABRM9015050	P150	6 + 1	90mm	50	£23.91
	ABRM9018050	P180	6 + 1	90mm	50	£23.91
	ABRM9024050	P240	6 + 1	90mm	50	£23.91
Abranet - 125mm Ø	ABRM12508010	P80	mesh	125mm	10	£17.05
	ABRM12508050	P80	mesh	125mm	50	£51.19
	ABRM12510050	P100	mesh	125mm	50	£45.64
	ABRM12512010	P120	mesh	125mm	10	£17.05
	ABRM12512050	P120	mesh	125mm	50	£45.64
	ABRM12518010	P180	mesh	125mm	10	£17.05
	ABRM12518050	P180	mesh	125mm	50	£45.64
	ABRM12524010	P240	mesh	125mm	10	£17.05
	ABRM12524050	P240	mesh	125mm	50	£45.64
	ABRM12532010	P320	mesh	125mm	10	£17.05
Abranet - 150mm Ø	ABRM15008010	P80	mesh	150mm	10	£19.02
	ABRM15008050	P80	mesh	150mm	50	£59.57
	ABRM15010050	P100	mesh	150mm	50	£52.11
	ABRM15012010	P120	mesh	150mm	10	£19.02
	ABRM15012050	P120	mesh	150mm	50	£52.11
	ABRM15018010	P180	mesh	150mm	10	£19.02
	ABRM15018050	P180	mesh	150mm	50	£52.11
	ABRM15024010	P240	mesh	150mm	10	£19.02
	ABRM15024050	P240	mesh	150mm	50	£52.11
	ABRM15032010	P320	mesh	150mm	10	£19.02
	ABRM15032050	P320	mesh	150mm	50	£52.11
	ABRM15040050	P400	mesh	150mm	50	£52.11

### Sia Quick Fit Abrasive Discs [125 mm Ø]

8 holes for dust extraction [DID3]. Velcro-type attachment. Great value.



code	Grit	per disc	100+	500+
ABR640	40	£0.51	£0.46	£0.44
ABR660	60	£0.51	£0.46	£0.44
ABR680	80	£0.46	£0.41	£0.37
ABR6120	120	£0.59	£0.53	£0.48
ABR6180	180	£0.54	£0.49	£0.47
ABR6240	240	£0.45	£0.41	£0.37
ABR6320	320	£0.45	£0.41	£0.37
ABR6400	400	£0.45	£0.41	£0.37



## Sia Quick Fit Abrasive Discs [150 mm Ø]

6 holes [DID2]. Velcro-type attachment. Excellent quality abrasives. Great value.



code	Grit	price	100+	500+
ABR840	40	£0.73	£0.66	£0.63
ABR860	60	£0.67	£0.60	£0.57
ABR880	80	£0.61	£0.55	£0.52
ABR8120	120	£0.78	£0.70	£0.63
ABR8180	180	£0.66	£0.59	£0.53
ABR8240	240	£0.61	£0.55	£0.49
ABR8320	320	£0.61	£0.55	£0.49
ABR8400	400	£0.61	£0.55	£0.49

## BELT SANDING

### Sia Cloth Sanding Belts [100 x 610 mm]

To suit Makita 9402 and Ryobi belt sanders. Swiss quality at our special prices.



code	Grit	price	100+
ABR050	40	£2.61	£2.35
ABR052	60	£2.61	£2.35
ABR053	80	£2.61	£2.35
ABR055	100	£2.61	£2.35
ABR054	120	£2.61	£2.35
ABR049	150	£2.61	£2.35

## GRINDING AND CUTTING DISCS FOR STEELWORK

### Nylon Backing Pads

To fit angle grinders and mini grinders. They are supplied with metal inserts and locknuts.



code	description	price
ABR181	Pad to suit 115 mm discs and M14 x 2 angle grinder	£7.88

### Sia Flap Discs

Can be fitted directly to a grinder without the need of a backing pad and they last up to 25 x the life of sanding discs and provide a better finish. Suits the majority of grinding applications.



code	Grit	diameter	bore	price	10+
ABR71540	40	115mm	22mm	£4.98	£4.48
ABR71560	60	115mm	22mm	£4.98	£4.48
ABR72760	60	125mm	22mm	£6.61	£5.94

### Cut Off Wheels for Portable Cut Off Saws

code	wheel Ø	bore Ø	price	15+
ABR230	14"	1"	£7.03	£5.81

### Sia Fibre-Backed Sanding Discs

Industrial quality discs manufactured from heavy duty fibre backing coated with aluminium oxide.

code	Grit	diameter	pack qty	per pack
ABR062B	50	115mm	25	£24.03

### Cutting Wheels [3 mm]

Grade suitable for cutting mild steel, wrought iron, hard aluminium, and angle iron. They are not suitable for grinding. All the wheels are flat and 3 mm thick.



code	diameter	bore	price	10+
ABR402	115mm	22mm	£1.34	£1.21
ABR403	125mm	22mm	£1.61	£1.46
ABR405	230mm	22mm	£3.09	£2.81

### Cutting Wheels [1 mm]

Grade suitable for cutting sheet metal, stainless steel, pipes and profiles, brick, stone, ceramic tiles, plastic and PVC. These wheels are 1 mm thick. Provided in a useful tin.



code	diameter	bore	price	per 10
TOLFA110010MUL	100mm	16mm		£15.56
TOLFA111510MUL	115mm	22mm		£18.21
TOLFA112510MUL	125mm	22mm		£23.37

### Grinding Wheels [6.5 mm]

Grade suitable for stock removal on ferrous and non-ferrous metals. All our wheels are 6.5 mm thick with depressed centre.



code	diameter	bore	price	10+
ABR412	115mm	22mm	£1.98	£1.98
ABR413	125mm	22mm	£2.28	£2.06

## HAND SANDING

### Glass Paper [280 x 230 mm]

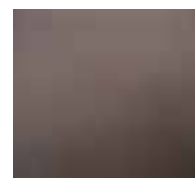
Good oldfashioned sandpaper for use on timber prior to painting. F2, M2 and S2 are the most popular sizes. For really effective hand sanding why not try the hook and loop system? Don't forget your Puggy Gloves [page 365].



code	description	Grit	per sheet	10+	50+
ABR011	fine	180	£0.22	£0.20	£0.19
ABR013	medium	120	£0.25	£0.22	£0.20
ABR014	medium	100	£0.26	£0.24	£0.22
ABR015	medium	60	£0.27	£0.25	£0.23
ABR016	coarse	40	£0.28	£0.26	£0.25

### Waterproof Paper – Wet and Dry [280 x 230 mm]

For fine work. Wet and dry paper can be used wet or dry. When used wet on varnish or enamel it works quickly without dust to provide a smooth matt surface perfect high gloss for top coats.



code	Grit	per sheet	10+	50+
ABR020	600	£0.89	£0.80	£0.75
ABR021	400	£0.89	£0.80	£0.75
ABR023	320	£0.89	£0.80	£0.75
ABR024	240	£0.89	£0.80	£0.75
ABR027	180	£0.91	£0.81	£0.77
ABR028	120	£1.02	£0.92	£0.87

# ABRASIVES

## Emery Cloth [280 x 230 mm]

For the engineering shop.



code	Grit	Type	per sheet	25+
ABR043	120	F	£1.30	£1.17
ABR044	100	1	£1.30	£1.17
ABR046	60	2	£1.30	£1.17
ABR048	40	3	£1.30	£1.17

## Abrasive Rolls [115 mm x 50 m]

Handy rolls for workshop use. Good quality aluminium oxide. If you are hand sanding – try out the Puggy Gloves [page 365], you won't regret it!



code	Grit	price
ABR086	120	£47.76
ABR082	100	£47.76
ABR081	60	£47.76
ABR080	40	£47.76

## Hook and Loop System [125 x 70 mm]

We can highly recommend using this system for sanding. The high quality abrasive sheets are quickly attached to the hand block which provides a very comfortable grip for ease and effectiveness of use. There is no wastage and you have great control. The abrasive sheets are of the highest professional quality so they last well and work fast.

- ✓ Superb control ✓ Fast cutting ✓ No wastage
- ✓ Good packaging ✓ Ideal for varnish and enamel work



code	description	price	
ABR301	Sanding Block [medium and very soft]	£13.59	
ABR305	Single Side Block with hand grip [medium]	£9.98	
code	Grit	per sheet	50+
ABR310	40	£0.67	£0.55
ABR311	60	£0.58	£0.52
code	Grit	per sheet	100+
ABR312	80	£0.45	£0.40
ABR314	120	£0.37	£0.33
ABR316	180	£0.37	£0.33
ABR319	240	£0.37	£0.33
ABR321	320	£0.37	£0.33
ABR322	400	£0.37	£0.33

## ABRASIVE PADS

### Abrasive Pads [152 x 229 mm]

May be used dry or with water. These pads are an excellent choice for paint preparation on old dirty pre-painted surfaces. When used with running water from a hose, they will clean, denib, and matt the surface in one action leaving it ready to accept paint. Sold each.



code	description	price	20+
ABR500E	Ultra Fine: Denibbing and keying between paint coats	£1.52	£1.37
ABR501E	Very Fine: Fine metal cleaning and keying prior to paint	£1.52	£1.37
ABR502E	General: Scouring and cleaning	£1.68	£1.51
ABR503E	Heavy-duty: Removal of corrosion on steel aluminium etc	£1.68	£1.51

## WIRE WOOL & BRUSHES

### Wire Wool

Use for abrading, cleaning, buffing, polishing and removing. We also highly recommend the above abrasive pads.



code	Grade	Sandpaper Equivalent	qty	price
ABR198	0000	300-360	0.5lb	£3.99
ABR197	000	280-320	0.5lb	£3.99
ABR196	00	150-220	0.5lb	£3.99
ABR192	0	100-150	0.5lb	£3.86
ABR193	1	80-120	0.5lb	£3.86
ABR194	2	60-80	0.5lb	£3.86
ABR195	3	40-60	0.5lb	£3.86

### Mini Wire Brush Set

Like oversized toothbrushes these are great for getting at difficult to access places to clean up and de-rust prior to painting. They have a comfortable soft grip handle. One of stainless steel, one of brass and one of nylon. Length: 175 mm. Bristles: 40 mm x 10 mm wide.



code	description	price
TOLROU52005	3 brush set	£7.30

### Purdy Cushion Grip Wire Brush

This short handled brush has unique criss-cross bristles made from rustproof stainless steel. The handle is rubberised for comfort, has a pistol grip, and a hammerhead end. The brush head has side grips so you can really attack your rust. Super lightweight, we really like it. Sadly Purdy have discontinued their rather good block brush which could be added to an extension pole. Qué será, será!



code	description	length	weight	price
PBR144910100	Short Handled Wire Brush	11"	200g	£7.88

### Economy Wire Brush

A really good value wire brush with a plastic handle.



code	description	price
TOL731	Three Row	£3.50
TOL732	Four Row	£4.05
TOL734	Four Row with Scraper	£5.64

### Faithfull Wire Brushes

Heavy-duty hardened and tempered 28 gauge steel with wooden handles.



code	description	price
MET044241	Four Row with plastic handle	£2.20

Flints' choice of hand tools is based on over thirty years' of experience in the trade. Whilst our main range consists of top quality tools for the full-time professional, we have chosen some budget tools more suited to the occasional user. Some of the tools are specially imported and are unlikely to be found anywhere else. If you need to purchase special tool kits for students or your crew we can offer excellent discounts for multiple orders.

## TAPE MEASURES

## Stanley Powerlock Tape Measures

Comes with a chromium-plated plastic case, removable belt clip, a Tru-Zero end hook and a power return with sliding lock. The yellow blade with black markings has a Mylar coating which increases blade life by up to ten times. The 8 m tape also has transparent blade armour on the first 150 mm for maximum durability and reduced breakages. Marked with both metric and imperial markings. Replacement blades available to order. For Tape Pouches see page 348.



code	length	length	blade	list price	Tradeline
STA033523	3m	10ft	19mm	£9.26	£7.88
STA033553	5m	16ft	19mm	£15.1	£13.55
STA033526	8m	26ft	25mm	£21.19	£18.82
STA033443	10m	33ft	25mm	£25.18	£21.37

## Stanley FatMax™ Xtreme

With a heavy-duty case, a rubber grip and an extra wide Mylar-coated blade that gives a long stand-out of 4 m! For maximum durability and reduced blade breakage the FatMax™ Xtreme is coated with Mylar giving 10 times more resistance to abrasion than a lacquered blade plus it has a transparent blade armour. The high visibility blade measures an amazing 32 mm in width and is now fitted with a 150% larger end hook. Marked with both metric and imperial markings.



code	length	blade	list price	Tradeline
STA533891	8m	32mm	£35.36	£30.00

Hultafors Big T  
[All Metric or Metric/Imperial]

As most measurements onstage tend to be metric, many users find the imperial measurements along one side of the tape an irritation as they often appear on the side that you want to read from! This tape can be read right up to the end as the newly-designed extra tough hook is mounted below. We also stock the metric/imperial version.



code	description	price
TOL356223	Hultafors Big T [8 m All Metric]	£25.87
TOL356213	Old Codger's Version 8m [26']	£25.87

## Flints Budget Tapes

Chunky rubber-protected tape measures with a wide blade marked in metric and imperial. Fitted with a temporary brake underneath and a blade lock on the front. Treble riveted hook. Great value.



code	length	price
TOLM45025	5m	£5.94
TOLM410025	10m	£9.43

## STAGE TAPES

## RST Budget Long Tapes

A popular budget-quality 13 mm wide fibreglass tape, marked with both metric and imperial markings, in a tough plastic case.



code	length	length	price
RSTRDM23	20m	66"	£10.34
RSTRDM24	30m	100"	£16.81

## DIGITAL CALIPERS

## Faithfull Digital Calipers

Manufactured from hardened stainless steel, this three-function electronic digital caliper provides precision readings through a liquid crystal display. Features include a fine adjustment roller, which allows precise measurements to be taken quickly and easily. Readings are displayed in metric or imperial. The four-way measurement function provides readings in external, internal, depth and step modes. Powered by LR44 3 V coin cells [included]. Supplied in a strong case. 150 mm with 0.01 mm graduations.



code	description	price
TOLDC6	Digital Caliper 6"	£44.11
DURLR44	LR44 [1.5 V Alkaline] pack of 2	£1.50

## STRAIGHT EDGES &amp; RULES

## Fisher Stainless Steel Rules

Imperial and Metric on one side and just Imperial on the other. Rustless stainless steel with clear permanent markings. The little 6" pocket-sized version [+] is very handy and only a couple of pounds. Width: 30 mm. Thickness: 0.75 mm.



code	length	length	price
TOLF106ME	6"	150mm	£1.94
TOLF112ME	12"	300mm	£3.78
TOLF124ME	24"	600mm	£6.42

## Safety Rule

With a unique M profile which keeps the fingers well away from any knife edge when used for cutting or scoring card etc. Stainless steel with both metric and imperial scales.



code	length	length	price
MAU1773012	12"	300mm	£3.38



# HAND TOOLS

## Carbon Steel Straight Edge

Surface ground all over with an accurately finished bevel edge. Accuracy is 0.01% of the length of the straight edge. Ideal for model making, propwork and any job that requires accurate marking or cutting out.

code	length	price
MAU17001	1m	£59.95



## 8' Aluminium Feather Edge

Long hollow aluminium straight edge with one feather edge. Ideal for marking out large pieces of scenery and sheets of plywood and almost certainly truer than that bit of scrap 3x1 you've been eyeing up. Tubular handles [not included, see page 271] can be self-tapped onto the back to provide an easier grip for working vertically on paint frames.



It's too big to fit in the picture box.

code	length	length	width	height	price
TOLFAIFE8	8'	2438mm	93mm	25mm	£56.65

## Folding Rulers

A virtually unbreakable plastic folding rule.



code	description	Type	length	length	price
TOLFSCXFBIME	Surveyor's Rule	Metric/imp	39"	2m	£14.50

## Carpenter's Roll-Up Straight Edges

A very popular rule consisting of a section of sprung steel which unrolls to a 2.05 m x 80 mm straight edge. Perfect for full scale marking out of treads and raked stages. Our roll-up T-Square version is 4 m long!



code	description	length	width	price
TOL850	Straight Edge	2.05m	80mm	£32.50
TOLTMM004	Roll-up T-Square	4m		£94.50

## CHALKLINES

### Stanley Chalkomatic

Professional quality chalkline with a die cast aluminium case. Handle folds into case for convenience and can act as a lock so you can use it as a plumb bob.



code	length	price
STA047100	30m	£12.68

### Stanley Chalkline

Comes in a tough yellow polypropylene case. Handle does not lock.



code	length	price
STA047440	30m	£7.19

## Chalk Refills

Neatly packaged in 113 g containers.

code	Colour	price
STA147403	Blue	£4.44
STA147404	Red	£4.24



## MORTISE AND MARKING GAUGES

### Mortise & Marking Gauges

2 options: A simple version made of beech with a plastic thumbscrew, and a hardened steel marking pin, and a rather lovely rosewood and brass version which includes a double set of mortise pins on one side of the stem and a single marking pin on the other.



code	description	price
TOLC153	Beautiful Rosewood and Brass	£30.79

## PROFILE GAUGE

### Profile Gauge

Perfect for working out tricky corners and mouldings. Imperial and Metric scales, magnetic catches too. Length: 250 mm



code	price
TOLFAITLPROF	£16.09

## TRAMMELS

### Trammel Heads Eclipse 33

Used to mark out large arcs and circles. The size is restricted only by the length of the timber beam onto which they need to be clamped. Final small adjustments can be made by rotating the pin which has a clever offset point. See also Blackboard Compasses [page 125].



code	description	price
ECL33	Set of two	£56.12

## SQUARES & BEVELS

### Stanley 1912 Combination Square

Probably the most useful square. This model is widely used by carpenters and engineers and has a robust cast iron stock. Can be used as a try square, mitre square, depth gauge, 12" rule, spirit level and it is fitted with a small scriber.



code	length	length	price
STA046151	12"	300mm	£38.80

### Hultafors Combination Square

A lighter weight but still very serviceable combination square ideally suited to students and touring tool kits. 12" stainless steel blade graduated metric on one side and imperial the other.



code	length	length	price
TOL265203	12"	300mm	£13.60



**Black Try Square**

Black painted steel carpenters squares, very simple but they sit flush to the surface and made from hardened steel.

**NEW**

code	price
TOL62359	£11.24
TOL64548	£29.95

**Carpenter's Try Squares**

Made to BS 3322, these try squares come in "Plantation grown" rosewood with a 1/8" [3 mm] brass facing strip. The hardened, tempered and blued steel blade is fixed to the wood stock by brass rivets.



code	length	length	price
TOLC125	6"	150mm	£16.79

**Rosewood Sliding Bevel**

Made to BS 3322. Used for marking, checking and transferring angles. The blued steel blade is held in place with a brass lever. Supplied in a wallet.



code	length	length	price
TOLC117A	10 1/2"	267mm	£24.97

**Miniature Try Square and Bevel Slide**

For the discerning woodworker and model maker these miniature tools are made to the same exacting standards as their regular sized counterparts. Try Square supplied in a wallet.



code	description	price
TOLC133M	3" Try Square	£18.71
TOLC115M	Sliding Bevel with brass wing nut	£12.77

**Stanley Roofing Square**

Although these squares are designed for the roofing trade they are ideal for marking out full-size scenery. Graduated in 2 mm intervals and printed with rafter tables on both sides. All metric version.



code	description	price
STA145530	Roofing Square [610 x 400 mm]	£31.45

**Stanley Large Folding Square**

This square is ideal for laying out floors and drawing out full scale. Aluminium construction accurately measures 45° and 90° angles. Folds into a single length for easy storage. Also look at the Großmann Square for working on paint floors [page 90].



code	description	price
STA145013	Folding Square [4 x 4ft]	£52.44

**LASER DISTANCE MEASURER****Laser Distance Measurer**

Pocket sized laser distance measurer with a pocket clip that records single or continuous measurements. Measures from 2 inch (50 mm) to 100 ft (30.48 m) because its American made but you can easily toggle between metric and imperial. You can change the measurement to read from the top or bottom of the device. Batteries included!

Weight: 65g, Water and dust resistant to: IP54, Batteries: 2 x AAA

**NEW**

code	price
TOL93LDM100C	£45.00

**SPIRIT AND LASER LEVELS, & PLUMB BOBS****Stanley FatMax I-Beam Level**

3 magnified solid block vials provide an accuracy of 1.0 mm / m in 8 orientations. Super strong thanks reinforced box-beam construction, but lightweight and easy to handle. Scale rule for easy marking. 1.2 m long, with shock absorbing end caps. Perfect.

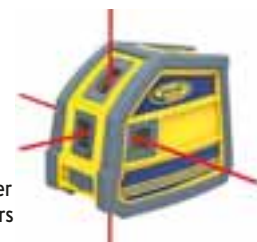
**£✓**

code	length	price
STA143555	1.2m	£30.82

**Spectra Precision LP51 5-Beam Self-Levelling Laser Pointer**

This rugged self-levelling laser is ideal for spotting blocks in the grid. Just place the downward pointing laser over your mark on the stage and it will throw a 30 m beam plumb above into your grid. It also features two level beams at right angles to each other making it also the ideal tool for setting up stage floors etc. Even withstands 1 metre drops!

Supplied in a soft pouch with: magnetic mounting accessory, target, and batteries [2 x AA].



✓ Saves valuable fit-up time ✓ More accurate flying ✓ Fast setting up of level floors

code	price
TOLLPS1	£189.95

**Stabila Pro 81 Series Level with Magnetic Base and Holster**

This is a very useful 250 mm level for use in grids and for erecting steel staging. The magnetic base allows hands-free adjustment of scaffold tubes etc. Includes belt holster. Measurement accuracy: 0.029° = 0.5 mm/m.



code	weight	length	price
STB81S10MH	225g	250mm	£37.48

**Monument Solid Brass Plumb Bob**

Useful for gridding out cloths, spotting blocks, tiling and decorating. A bit dear but it is rather lovely.

Weight: 128 g.



code	description	price
MON249	size 2	£21.41

# HAND TOOLS

## HAMMERS

### Estwing Claw Hammers

Traditionally regarded as the ultimate hammer to own, made from one piece of high quality tempered steel. Perfectly balanced and fitted with either a laminated leather handle or a nylon/vinyl grip. A tool to last a lifetime. Alasdair bought his in 1976 and it's still lovely.



code	Material	weight	price
ESTE16C	leather	16oz	£53.93
ESTE20C	leather	20oz	£61.68
ESTE316C	vinyl	16oz	£44.82
ESTE320C	vinyl	20oz	£51.34

### Magnetic Tack Hammer

This solid forged head tack hammer features a magnetic fork face to aid placement of the nail when hammering. Head coated with a lacquer for improved rust protection.



code	weight	price
TOLTH7	7oz	£21.90

### Warrington Joiner's Hammer

Designed for all light woodwork assembly and general use. The straight cross pein opposite the striking face is designed for starting a panel pin between finger and thumb or for driving nails into corners where the round face will not fit. These Warrington hammers have heat-treated and polished forged steel heads with Evertite-fixed ash handles.

code	weight	price
TOLSJWA8	8oz	£12.50

### Estwing Roofer's Pick Hammer

A pick hammer complete with a magnetised recessed striking head for starting nails accurately. Smooth faced head with leather handle.

code	weight	price
ESTE239MS	22oz	£65.17

### Stanley Steelmaster Hammer

Individually heat treated and polished forged steel head. Plated tubular shaft with vinyl grip.

code	weight	price
STA151033	20oz	£19.60

### Traditional Claw Hammer

These economically priced claw hammers feature hardened and precision ground heads fitted to the finest hickory handles. Manufactured in accordance to BS 876.



code	weight	price
FAICAH20	20oz	£15.15

### Fibreglass Claw Hammer

There's nothing wrong with this hammer! Shock-absorbing fibreglass shaft with nylon surround. Polished head and a Hi-grip rubber handle. So if you are fed up with lending people your lovely leather-handled Estwing hammer why not buy one of these as a spare? Ideal for student tool kits, stage tool cupboards or anyone who needs a hammer for occasional use but can't justify laying out on the lovely Estwing range. Staggering value.



code	weight	price
TOLHA10	16oz	£7.66

### KIKUDO Hammer 115

This lightweight Japanese Hammer has an octagonal head with one convex and one flat side. The flat side is great for striking Japanese chisels [see page 324] and the convex head is slightly curved, designed to only strike the nail and not damage the surface of the wood. Specifications: Head Dimensions: 18 x 16 x 63mm and 115g. Overall Length: 305mm



code	weight	price
TOL1028610	4oz	£18.17

### Podger Hammer

The world's ugliest hammer, surprisingly popular! Produced from a one-piece forging. Please do not confuse this bent hammer with Bent Hamer the brilliant Norwegian film director [Kitchen Stories is a triumph].



code	weight	length	price
TOLPH1	23oz	270mm	£21.92

### Thor Plastic Truss Hammer

Sometimes known as a Rishi, you can give a solid thump with this well-balanced hammer without damaging what you are striking. Pound UVPC, aluminium, even leather and it doesn't leave a mark. The metal head has serrations that keep the white nylon faces in place. The plastic handle has a rubber grip. The faces last ages and are replaced in seconds by simply screwing-in. Quieter than a metal hammer. Made in England.

Face diameter: 38 mm. Length: 305 mm.



code	description	weight	price
TOLTH0712	Truss Hammer	23oz	£18.74
TOLTH0712NF	spare nylon face		£2.84

**Metrification in the UK began in 1965 but we don't like to rush these things. The USA dominates certain industries including hand tools so, with apologies to anyone under the age of 60, you will find imperial measurements throughout this section.**

**Oak Mallet - with soft metal cap**

White Oak Construction, fitted with soft metal cap on one side. For those delicate jobs where you don't want to damage what you're striking. Made in Japan. 32 mm head.



code	price
TOL1042770	£12.95

**CLUB HAMMERS & PAVIOUR'S MAULS****Thor Copper and Rawhide Hammer**

The malleable iron head takes inserts of pure copper on one side to provide a high impact blow, and compressed buffalo hide on the other to give a non-damaging hard impact.

Good for trusswork. Very popular.

Face diameter: 38 mm.



code	description	weight	price
TOLTH0212	Thor Copper & Rawhide Hammer	2.5lbs	£28.65
TOLTH0312C	Spare copper face		£7.76
TOLTH12R	Spare rawhide face		£6.60

**Stanley Club Hammer**

This club hammer with its fibreglass core and drop forged alloy steel head has excellent shock absorbing qualities and will withstand the harshest conditions.

Now with an ergonomic, anti-slip handle for more comfortable use.



code	weight	price
STA054127	2.75lbs	£23.26

**Pavioours Maul**

As used by Opera North and Glyndebourne for making those minor adjustments to the scenery that are normally reserved for stage weights! The massive rubber head will cause less damage to the scenery and make less noise. Be careful not to overstrike the object and land the shaft as it may cause damage. Avoid pushing the handle through the maul further than shown in picture, or you may split the maul on striking. SPECIFICATION: Length: 1,040 mm. Head weight: 4.6 kg. Head dims: 330 x 130 mm Ø.



code	price
FAIPAVMAULK	£59.90

**CARPENTER'S MALLET****Carpenter's Mallet**

This traditional English mallet is made from the finest quality kiln-dried beech with a tapered mortise head.



code	price
TOLC106	£13.72

**NAIL AND PIN PUNCHES****Square Head Punches**

The square head provides a wider striking area while stopping the punch rolling off the bench.



code	handle length	price
TOL1040	1/16"	£4.36
TOL1041	3/32"	£4.36
TOL1042	1/8"	£4.36
TOL1043	5/32"	£4.36

**CENTRE PUNCHES****Automatic Centre Punch**

Delivers a punch without need for a hammer.



code	price
TOL1035	£17.59

**Square Head Centre Punch**

The square head provides a wider striking area and also stops the punch rolling off the bench.



code	price
TOL1046	£4.56

**FILING****Files**

Good value files fitted with tough PVC handles.

SPECIFICATION: File length: 200 mm. Overall length: 310 mm.



code	Type	price
TOL9310	Triangular	£10.30
TOL9320	Flat	£10.00
TOL9330	Round	£7.60
TOL9340	Half-round	£9.80

**Set of Key Files**

A set of six smaller files.

SPECIFICATION: File length: 100 mm. Overall length: 177 mm

Supplied in a plastic wallet with: flat, triangular, round, half-round and square files.



code	price
TOL9300	£16.56



# HAND TOOLS

## Speed File

We're always on the hunt for widgets and when we found these little files at a tool fair in Germany we were really impressed. The small profile of file blades and ergonomic handles means that you can exert a lot of pressure which makes it much easier to remove material. Excellent for deburring cut edges on wood, metal or plastics. The die cast aluminium handles both come with a medium grade file blade.

NEW



code	description	price
TOLS10GP	Small file	£6.50
TOLL30GP	Large file	£9.50
TOLS11P	Medium Grit- Small Spare File	£2.75
TOLBS350P	Small - Extra Coarse Spare Blade	£2.50
TOLL31P	Medium Grit- Large Spare File	£4.95
TOLL731P	Ex.Coarse Grit - Large Spare File	£3.95

## DE-BURRING TOOL

### Disposable De-Burring Tool

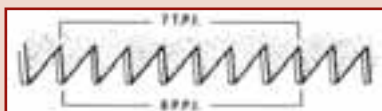
The swivelling blade rotates freely to allow all sorts of deburring operations to be carried out inside tubes, on sheet materials, inside holes etc. Suitable for use on steel, copper, brass, plastics, wood and castings.



code	price
TOLMON3020	£7.02

## HAND SAWS

Saws are classified by the blade length and the number of teeth per inch [TPI] or points per inch [PPI]. Universal tooth saws will cut along and across the grain. Fleam tooth saws are for cross cutting and cut on both strokes. Hardpoint saws have been high frequency hardened to stay sharp longer and will have a blue/black edge. All our saws are now hardpoint saws.



### Irwin Jack 880 UN20 Handsaw

This is a hugely popular saw due to its fast cut and fine finish. Flints buys by the 100's so we can pass on great value. The handle incorporates 45° and 90° angles and a comfortable soft grip. Universal cut teeth.

✓ Very economically priced ✓ Fast Cut ✓ Fine finish



code	size	size	TPI	PPI	price	10+
TOLJACK880	20"	508mm	7	8	£11.53	£10.37

### Bahco Superior 2600XT Panel Saw

This modern top quality saw has the following outstanding features:

- ✓ Thicker blade than conventional handsaws
- ✓ Hardpoint teeth with XT geometry
- ✓ Extra fast cutting across and along the grain
- ✓ Black friction reducing coating
- ✓ Lower handle position for better distribution of power
- ✓ Fine tooth setting also suitable for plastics



code	TPI	blade length	price
BAH260022XT	9	550mm	£17.38

### Bahco Prizecut Toolbox Saw

No, not a saw for cutting up toolboxes but so called because its convenient 360 mm size will actually fit in your toolbox! A really useful little saw with hardpoint fine fleam teeth which will perform well as a standard handsaw but will serve as a tenon or even gentleman's back saw. Great for tours. Widely used by boat builders. Cuts through wood, aluminium and plastics. Includes tooth guard. Fleam toothing, hard point. Good value. Treat yourself.



code	TPI	length	price
TOLBAH30014	15	355mm	£12.70

## TENON SAWS

### Irwin Tenon Saw

Has a very fine toothing and a reinforced back which provides maximum stability ideal for all fine carpentry. Triple-ground tooth technology not only increases efficiency but also optimises cutting performance on both the push and pull strokes – so you don't have to work so hard.



code	TPI	length	price
TOL10503534	13	12"	£12.20

## KEYHOLE SAWS

### Stanley Fatmax™ Compass Saw

This saw has triple-edged teeth which cuts both on the push and pull stroke. The fine teeth make it easier to start off and control for detailed work. With induction hardpoint teeth for longer life and an improved bi-material handle to maximise user comfort. Suitable for curved or straight cuts in most woods, boards and PVC pipe.



code	TPI	length	price
STA217205	11	300mm	£11.21



**Key Hole Saw Push & Pull**

Japanese made Key Hole Saw that cuts on both the Push and Pull strokes. The sharp tip and coarse teeth allow for quick punching of holes into thin plywood or plasterboard. Great for hand cutting circles, and for getting into those awkward places hacksaws just can't reach.

Specifications: Blade Length: 120 mm. Blade Material: Carbon Steel. Blade Thickness: 1 mm. Teeth Per Inch: 9



code	Material	TPI	blade length	blade thk	price
TOL100394I	Carbon Steel	9	120mm	1mm	£14.50

**JAPANESE-STYLE PULL SAWS****Japanese Shark Saws**

These saws are designed to cut on the pull stroke and as a result the blade can be thinner without jumping or buckling. As the blades are flexible they are well suited for trimming draw pegs from mortise work. The long-lasting hardpoint teeth give a precision cut. The blades disengage with the push of a button making them easy to transport and they are perfect for the touring or fit-up carpenter. See also for Gerber and Felco folding saws.

**Shark General Purpose Saw**

Fast clean cuts even on impregnated materials. Designed for cross and angled cuts.



code	Type	TPI	length	price
SHK112312	General pull tooth	14	12"	£19.61
SHK112312G	Replacement Blade fine cut			£13.00

**Shark Super Fine Cut Saw**

Thinner blades with a back support for detailed cutting, dovetailing, mitring, mouldings, composite materials and plastics. The fine cut allows even 1 mm slices to be made.



code	Type	TPI	length	price
SHK112410	Extra fine pull tooth	19	10 5/8"	£18.57
SHK112410G	Super fine tooth replacement blade			£12.68

**Shark "Burger Flippers"**

This saw is excellent for trimming pegs, undercutting sticking doors, and general carpentry work. Double-sided cutting edge. Rubbish on burgers and they trash non-stick pans. For neater finishes see the Topman Flush Cutting Saw next page.



code	Type	TPI	length	price
SHK112440	Fine/Medium tooth	17/9	9 1/2"	£16.64
SHK112440G	Replacement Blade			£13.89

**Neo Saw 300 mm Traditional Japanese Pull Saw**

With rattan covered wooden handle and an extra thin blade. The triple edge teeth with minimal set enables this saw to rip as well as make fine cross cuts.



code	Type	PPI	length	price
NE0300M	Fine cross/angle/rip tooth	12	300mm	£24.60
NE0300MS	Replacement Blade			£18.03

**Seiun Saku Double Sided Saw**

A new addition to our Japanese Pull Saw range, this double-sided saw has a high quality finish, the finest burger flipper we stock! Great for undercutting sticking doors, trimming pegs and general carpentry work. Double sided for cross cuts & rip cuts. Blade is secured with a bolt for a secure fastening with no wiggle room.

Specification: Blade Length: 300 mm



code	Type	TPI	length	length	price
TOL616	Complete Saw	9 & 5	12"	300mm	£40.95
TOLS616	Replacement Blade				£30.95

**Handiwork Micro Saw 160mm for wood & non-ferrous metal**

Made in Japan this fine cutting saw is suitable for wood, non ferrous metals like aluminium, copper and brass, and even some sheet materials like perspex [not intended use]. We think this handy saw is great for model makers, tested by our very own Gary Cross, Flints Projects Manager and key member of The Southwark Model Railway Club. Gary's thoughts: "I found that the saw cut cleanly and accurately through a wide range of materials. I tried it on ABS, Perspex, soft and hard woods, printed circuit boards with both glass fibre and Paxolin bases. I have also tried it on copper pipes and brass sheet and it worked very well on those too."

Specification: Blade Length: 160 mm, Blade Thickness: 0.4 mm



code	Type	TPI	blade length	blade thk	price
TOL100741	fine tooth	26	160mm	0.4mm	£15.95
TOL100724	Replacement Blade				£9.90

**FOLDING SAWS****Folding Stainless Steel Saw**

Japanese Folding Saw with Ultra Thin Stainless Steel Blade. The teeth of Japanese saw blades are sharpened on three sides and these 'trapezoid' teeth produce the characteristic clean cuts of Japanese saws. The blade is also manufactured in Stainless Steel to avoid rust and corrosion, folding away into a lightweight wooden handle. This saw is for fine wood working, cutting on the pull stroke the ultra thin blade is likely to buckle if used too roughly. Excellent value.

Specifications: Blade Length: 180 mm, Blade Thickness: 0.7 mm, Blade Material: Stainless Steel



code	TPI	blade length	blade thk	price
TOL1002950	15	180mm	0.7mm	£24.95

# HAND TOOLS

## Gerber Gator Exchange-A-Blade Saw

The reason we like these so much is they are small enough to fit in a compact tool box and they are supplied with a strong cordura pouch. The coarse blade cuts rapidly through timber and the fine blade is designed to cut through bone which is obviously really handy on stage. They are such good value we think they've made a mistake. Weight: 307 g. Supplied in a tough ballistic nylon pouch with: coarse and fine blade in stainless steel.



code	length	price
TOL2241457	157mm	£19.98

## HACKSAWS

### Bahco Ergo Hacksaw

A professional frame for high tension and quick blade changes. Rubber-coated front and rear handle with thumb support for superior grip. Base of handle is raked upwards to minimise obstruction near the cutting point.



code	length	price
BAH325	12"	£29.95

### Bahco 317 Hacksaw

The compact slim design gives good access to confined spaces. Blade adjustable to 90° for flush cutting. Tensionable to 75 kg.



code	length	price
BAH317	12"	£12.95

### Bahco 268 Minisaw

A comfortable glass fibre handle with blade tensioning screw.



code	length	price
BAH268	6"	£11.52

## HACKSAW BLADES

### Irwin Blades

Bi-metal blades are virtually unbreakable with a level of cutting power which is far superior to hardened or flexible blades. The extra durability, cutting speed and convenience make these blades excellent value. Recommended for grid work as the possibility of shattered blades is minimal. Junior Hacksaw Blades are not bi-metal.



code	description	TPI	length	length	price	10+
TOL498	Bi-metal Blades	24	12"	300mm	£3.36	£2.88
TOL499	Junior Hacksaw Blades	32	6"	150mm	£7.10	

### Topman Japanese Flush Cutting Saw

This handy little tool is ideal for getting extremely neat finishes when woodworking. There is no set on the teeth so it won't scratch the surface as you trim off the excess dowel, peg or tenon. Lightweight and easy to handle. What more could you ask for?



code	Type	TPI	length	length	price
TOL8808	extra fine pull tooth	21	6"	150mm	£9.98

## RASPS

### Japanese Shinto Saw Rasps

These are really useful tools for anyone who needs to shape timber with great control. The coarse side will rapidly remove stock while the fine side will smooth the timber down until just fine scratch marks remain. Just a quick sand will give you a superb smooth result. Now available in 2 lengths - the shorter 200 mm version, is also available with an extra top handle for improved control when shaping.



- ✓ Almost impossible to clog even with very resinous timber – waste just falls through the lattice
- ✓ Good for all wood, laminates, plasterboard, ferrous and non-ferrous metals, soft plastics etc.
- ✓ Made of double-edge saw blade material strips
- ✓ Double-sided – coarse and fine
- ✓ Cuts on push stroke



250mm version



200mm version



200mm  
2 handled version

code	Type	length	width	price
TOLSSR20	Shinto Rasp	200mm	25mm	£12.50
TOLSSR30	2 handled version	200mm	25mm	£25.00
TOLSSR40	spare blade	200mm	25mm	£9.50
TOLSSR10	original version	250mm	25mm	£14.50

## PLANES

### Record No.4 Smoothing Plane

Record planes are still made to very high standards. After much moaning from the carpenters who actually use these tools they eventually reinstated the wooden handles. We stock wooden plane handles from "plantation grown" rosewood which can be used as spares. Of course it should have been pictured on its side.



code	description	price
REC04	Record No 4 Smoothing Plane	£35.45
TOLC318	Spare rosewood handles	£35.49

### Faithfull Plane Set

This set includes a traditional No.4 bench plane plus the most popular size of block plane: the 601/2. Both planes are manufactured from fine quality cast grey iron for strength and stability. They have the finest hardwood handles and solid brass fittings. Supplied in a wooden box.



code	price
FAIPLANE4V	£56.19

**Stanley 9 1/2 Block Plane**

The classic block plane has been in use for over 100 years. The cutter is fitted at 21° and is adjustable for depth and alignment. The mouth can be set for fine or coarse work. The perfect tool for removing the arris from timber to prevent splinters. Its handy size makes it a good choice for a touring tool kit.



code	price
STA512020	£61.77

**SURFORMS****Stanley Surform 21-102**

This flat file with a 140 mm blade has a GRP handle with a thumb screw to adjust the blade. Ideal for smoothing glass fibre, body filler, nylon and wood. Can be used in environments that would ruin a decent plane.



code	description	blade length	price
STA521102	surform	140mm	£9.25

**Stanley Surform 21-115C**

This neat surform with a 63 mm blade is designed for pull action when stripping paint and fillers in awkward corners.



code	description	blade length	price
STA521115	surform	63mm	£4.37
STA521515	spare blade	63mm	£2.39

**Stanley Surform Block Plane**

This 140 mm block plane has a GRP body with a thumb screw for quick release of the blade. Use with one or two hands. Reversible blade for use in bullnose work in confined spaces.



code	description	blade length	price
STA521104	surform	140mm	£9.25
STA521398	spare blade	140mm	£4.13

**SHARPENING STONES****Faithfull Quad Diamond Whetstone**

Each side of this four sided sharpening stone has a continuous diamond surface backed by colour coded panels to indicate the grit value. Comes in a plastic non-slip base. 4 grades of grit: 200 / 300 / 400 / 600



code	length	width	height	price
FAIDWQUAD	150mm	50mm	50mm	£23.15

**Mini Diamond Whetstone**

This fine grade mini whetstone slides out of a plastic case to use. Very portable, comes with a split ring and a swivel. Use dry. Ideal for sharpening knives etc.



code	length	width	thickness	price
TOL597M	70mm	25mm	4mm	£22.59

**Water Stone**

This two sided Japanese Water Stone is designed for sharpening chisels and planes; a very high quality whetstone. Supplied with a holder. Two sided it is 1000/3000 grit Dimensions: 173 x 57 x 33 mm [LxWxH]



code	price
TOL4005590	£27.95

**Flattening Stone**

Over time Whetstones can develop grooves where the stone has worn away, this makes for uneven contact on knives and chisels. This flattening whetstone maintains your sharpening whetstone by flattening out any grooves to ensure the best contact with the sharp edge of your knives and chisels. Now if only a whetstone could be developed to maintain this whetstone.....the cycle continues..... Dimensions: 170 x 50 x 40 mm [LxWxH]



code	price
TOL4005540	£25.95

**Klein Pocket Size Knife Sharpener**

This is not a pen but a pocket sized Knife Sharpener. Bright orange design means it's easily visible but small enough to keep in the tool bag/on you because no one keeps a whetstone in their top pocket. [Prove us wrong?]. Sharpening rod unscrews and stores in the handle. Magnetised to trap metal particles while sharpening. Comes with pocket clip for ease. Specifications: Rod Length: 95 mm. Overall Length: 140 mm. Weight: 22.7g



code	price
TOL44151	£26.00

**Faithfull Oil Stone and Honing Guide**

Ideal kit to sharpen HSS and carbon steel chisel and plane blades. We can also supply a wooden box to keep it in.



code	length	width	thickness	price
FAIOS8CHG	200mm	50mm	25mm	£18.33

**CHISELS****Bahco 424P Chisel Set with Diamond Stone and Honing Guide**

This very popular specially assembled set includes:  
 ✓ Six Bahco 424P chisels: 6, 10, 12, 18, 25 & 32 mm  
 ✓ Diamond stone  
 ✓ Honing guide for fast accurate sharpening  
 ✓ High quality canvas zip case



code	description	price
BAHB424PS6ZC	6-piece set	£83.33

**Leather Chisel Roll**

Tan leather with strap and buckle. The 100 mm deep pockets will hold nine chisels up to 330 mm long.



code	width	height	price
BBPCONR3	500mm	360mm	£32.01



# HAND TOOLS

## 3 Piece White Oak Chisel Set

Japanese Chisel Set comprised of forged steel with White Oak Handles. High quality, great value. Metal capped end for tapping. Check out the companion mallet on page 318.

Specification: Overall length including handle: 220 mm. Set contains 3 chisels: 1 x 9 mm, 1 x 15 mm, 1 x 24 mm.



code	chisel 1 size	chisel 2 size	chisel 3 size	price
TOL108073	9mm	15mm	24mm	£43.45

## Crown Butt Chisel Set

This unique set of small chisels is ideal for very precise hand cutting and paring of joints. The overall length is just 6" with 3 1/2" high carbon blades and 2 1/2". "Plantation grown" rosewood handles.

Supplied in a display box with: 1/4", 1/2", 3/4" and 1" butt chisels.



code	description	price
TOLC174RB	4-piece set + display box	£77.31

## DRIVING

### Wera Kraft form Kompakt 20 Bit Holding Bayonet Screwdriver Kit

This versatile screwdriver can be used with the blade retracted, almost as a stubby, or extended [as shown]. Features the removable Rapidaptor bit holder which allows bits to be easily changed onehanded and used in power tools. The push button pop-up bit storage in the multi-component Kraftform handle holds six 25 mm bits. Ideal for touring kits. Supplied in a rugged pouch with belt loop with: Kraftform handle, Bits: slotted SL5.5 mm, SL6.5 mm; Phillips PH1, PH2; Pozidriv PZ1, PZ2.



code	price
WER051021	£46.28

### Wera Kraftform Kompakt 40

These sets make so much sense – why cart around 6 handles when one will do and the bits can be used in cordless drivers too! This neat belt pouch set has extra long 89 mm bits to fit in the precision-made Rapidaptor 816 handle. Supplied in a pouch with: Rapidaptor 816 handle; Bits: slotted SL5.5 mm, SL6.5 mm; Phillips PH1, PH2; Pozidriv PZ1, PZ2.



code	price
WER059298	£27.10

### Wera Series 900 Chisel Drivers

Admit it, you've given a screwdriver a whack with a hammer before now. These are engineered to withstand really severe work. Use them to knock off ceramic tiles, force off rusted hose clamps, knock holes through walls! The tough handles are fitted with a hex bolster so that a 13 mm spanner can be used for extra torque to break loose corroded fastenings. The tip is to DIN 5264-A ISO2380 Black Point. Give them some stick, the Chisel Drivers can handle it.



### Wera Series 900 Chisel Drivers Set

Buy a complete set  
Supplied in a hanging rack with: slotted 3.5 x 80 mm, 4.5 x 90 mm, 5.5 x 100 mm, 7 x 125 mm; Pozidriv PZ1 x 80 mm, PZ2 x 100 mm.

code	description	price
WER018287	6 chisels as listed above	£32.90

## Stanley Screwdriver Set

Cushion Grip Good value 10-piece set.

Supplied in a plastic carry case with: flared slotted 3 x 75 mm, 5 x 100 mm, 6.5 x 45 mm, 6.5 x 150 mm, 8 x 150 mm; Pozidriv PZ0 x 60 mm, PZ1 x 100 mm, PZ2 x 45 mm, PZ2 x 100 mm, PZ3 x 150 mm.



code	description	price
STA265014	10-piece set	£33.29

## Wera TORX Screwdriver

Used widely in Europe and gaining popularity in the UK, the design of Torx head screws/drivers means you can use a much higher torque without camming out/damaging the screw head. This means they require far less effort to drive into wood. The ergonomically designed handle is marked with TX size for easy identification. For Torx bits see page 310.



code	description	price
WER010001	TX 20 Screwdriver	£7.73
WER015001	TX 30 Screwdriver	£9.50

## ACCESSORIES

### Klein Magnetizer/ Demagnetizer

This Key Chain Magnetiser/Demagnetiser from Klein uses permanent rare earth magnets to magnetise or demagnetise your screwdrivers, screws or driver bits so you never drop a screw again! (you probably will but this will help). With a stainless steel keyring this little accessory is handy enough to attach to the zipper of your tool pouches or bags.



code	price
TOLMAG2	£12.50

### Wera Screw Gripper

Grips your screws! This handy little accessory fits on to the end of your bit/screwdriver/allen key securing your screw to the driver and releasing it once fastened.

Specifications: Fits on to most popular screwdrivers, 4.5-6mm. Overall Length: 41mm



code	price
WER681001	£6.12

## RATCHET SCREWDRIVER

### Wera 816 RA Ratchet Screwdriver

With a ratchet screwdriver less wrist movement means less fatigue. There is no interruption to your work and you do not have to remove the tip from the bit in order to adjust your hand position. This ratchet screwdriver has Wera's fine-tooth mechanism which ensures a minimal return of only 5° - 6°. The switchover ring enables right, locked or left working. Locked is the neutral position for fine adjustment. It copes with a maximum torque of up to 50 Nm. Takes hex socket insert bits in a 1/4" hex chuck. Comfortable multi-component Kraftform handle with Rapidaptor bit-collecting technology with the addition of magnetic bit holding. The Wera Diamond Coated Pozidriv PZ2 bit [page 310] has a shaft length of 50 mm.



code	size	price
WER051461	142mm	£32.57

## ELECTRICAL SCREWDRIVERS

**Kraftform Kompakt VDE 18in1**

For safe work around live voltage. Compact, versatile, secure. A superb quality 18-piece set with one high quality handle for a compact set. Each blade is colour coded and laser engraved for easy identification with hexagonal shank so they don't roll away!

Comes with: 157 mm blades in the following sizes:

1 x PH1, 1 x PH2, 1 x PZ1, 1 x PZ2, 1 x PH/S 1#, 1 x PH/S 2#, 1 x PZ/S 1#, 1 x PZ/S 2#, Slotted blades 1 each of 0.4 x 2.5, 0.6 x 3.5, 0.8 x 4, 1 x 5.5, Cabinet Keys VK 6.3, VK 8.1, 98 DK, 99 FL and a Voltage Tester

Tested to IEC 60900



NEW

code	price
WER5006613001	£73.25

**Wera Voltage Tester**

A tough insulated screwdriver/ mains circuit tester with many other uses such as tracking cables. Voltage tested from 150 – 250 V.



code	blade length	tip width	price
WER005655	70mm	3.5mm	£7.71

## ALLEN [HEXAGON] KEYS

The term "Allen Key" refers to the Allen Manufacturing Company, USA who registered the trade mark. They frown upon its general use but like "Hoovers" and "Jubilee Clips" the word has become part of our language. If you are working on stage the two sizes you really ought to have in your tool bag are the 1/4" and the 8 mm which will fit the popular key clamp tube fittings for Size 6 and Size 8 scaffolding.

**Long Arm Hex Keys**

Precise fully-hardened chrome vanadium steel for driving socket screws. Why not buy a coloured canvas zipper bag to keep them handy [page 347]?



code	size	price
TOL23015	1.5mm	£0.54
TOL2372	2mm	£0.54
TOL23025	1.5mm	£0.58
TOL2303	3mm	£0.71
TOL2304	4mm	£1.02
TOL2305	5mm [for Unitrack rope clamps]	£1.39
TOL2309	6mm [for size 6 key clamps - sloppy fit]	£1.73
TOL2309B	1/4" [for size 6 key clamps - good fit but short arm]	£1.17
TOL2311	10mm	£4.34
TOL2312	12mm	£9.49

**Fold-up Metric Hex Key Set**

A tough fold-up metric hex key set with all the useful sizes including 2.5, 3, 4, 5, 6, 8 & 10 mm keys.



code	description	price
TOL2350	Fold-up Metric Hex Key Set	£6.25

## NUTSPINNERS

**Nutspinners**

By far the fastest way to hand fasten small nuts. Useful for all sorts of fiddly applications and frequently purchased for tightening the fiddly nuts on wire rope grips. Top quality German manufacture. Picture shows the Flexi version - WER028150.



code	size	commercial type	din 1142	crosby	price
TOL1600	5.5mm	2 mm SS*	n/a	n/a	£10.78
TOL1597	7mm	3-4 mm and 3 mm SS	n/a	n/a	£10.77
WER028150	7mm Flexi Shaft	3-4 mm and 3 mm SS	n/a	n/a	£15.63
TOL1598	8mm	5-6 mm	5mm	n/a	£11.28
TOL1599	10mm	8 mm	6mm	3-4 mm*	£17.51

\* Insufficient clearance between nuts to finally tighten down.

**Hex Key Sets**

A set of 9 imperial keys from 5/64" up to 3/8" or 9 metric keys from sizes 1.5 mm up to 10 mm complete with plastic case.



code	Type	price
TOL2301	Imperial Set	£11.88
TOL2300	Metric Set	£11.88

**Teng Hex Allen Keys**

These T-handled keys provide a really comfortable grip. The long end has a ball-point head for improved access in difficult spaces.



code	size	price
TEN510504	4mm	£8.70
TEN510505	5mm [for Unitrack rope clamps]	£9.50
TEN510506	6mm [for Size 6 key clamps - sloppy fit]	£10.00
TEN510508	8mm [for scaff size key clamps]	£12.70

# HAND TOOLS

## LEVERING

### Roller Crowbar

Essential equipment for fitting-up heavy steel scenery and trucks whilst aligning bolts or servicing castors. Now fitted with 75 mm diameter steel rollers.

SPECIFICATION: Handle length: 2 m. Load capacity: 1.5 tonnes. Max skate height: 145 mm. Weight: 13 kg.



code	description	WLL	price
CAS800	Roller Crowbar	1.5t	£163.90
CASV4402	Low Plate Roller Crowbar	5t	£116.58

### Hultafors Adjustable Wrecking Bar

This is quite simply the ultimate crow bar. It is so wonderful that we challenge anyone not to be impressed. Beautifully-made and superb design combine to make this award-winning tool. The re-positionable head ensures the best working position while the thin wide head reduces damage and improves access. Scan the QR code to see it in use.



code	price
TOLHUL209SB	£92.66

### Wrecking Bars

Traditional steel bar for levering as well as pulling out long nails. Great fun.



code	size	price
TOL562	24"	£14.61
TOL563	30"	£16.49

### Stanley Wonder Bar®

A lighter duty bar particularly favoured by the Germans.



code	size	price
STA155515	12"	£10.25

### Stanley Pry Bars

Two very effective designs. The heads can be struck with a hammer to grip under embedded nails. They will pull out headless and rusted nails or screws. The wide end of the moulding pry bar allows the user to cleanly pry off delicate mouldings. Pry bar: 300 mm long. Moulding pry bar: 200 mm long.



code	Pry	Type	Moulding	price
STA055115	Pry			£14.46
STA055116	Moulding			£16.13

### Tacklifter

Hot forged bright nickelplated lifter for removing small nails and tacks. Wooden handle.



code	price
TOLC386	£11.76

## G-CLAMPS

### Faithfull G-Clamps

This clamp is made from highgrade iron casting making it suitable for a wide variety of metalworking and woodworking applications. The accurately machined screw provides a smooth operation and maximum clamping pressure. The frames have a powder-coated finish for increased resistance to corrosion.



code	size	size	price
FAIGMD2	2"	50mm	£6.48
FAIGMD3	3"	75mm	£8.58
FAIGMD4	4"	102mm	£11.88
FAIGMD6	6"	152mm	£17.24
FAIGMD8	8"	203mm	£22.60

## FINGER CLAMPS

### Bessey TG2K Screw Clamps

These finger clamps are noticeably better than other makes. The original design dates back to 1936 and Bessey have made improvements to bring you the most reliable clamp around. The integrated antislip system means that the sliding head locks into the serrations on the bar and will not budge until you release it. The new two component handles provides a really comfortable grip delivering a powerful clamping force of up to 6,000 N. Great for general stage use as well as in the workshop.

✓ The original Bessey Clamp!



code	jaw opening	throat depth	price
BESTG202K	200mm	100mm	£26.22
BESTG302K	300mm	140mm	£42.79
BESTG402K	400mm	175mm	£48.06

## LEVER CLAMPS

### Bessey KlikKlamps

These lever clamps are very light in weight because the arms are made of stable magnesium and fibre glass-reinforced plastics. The lever mechanism is easy to operate with great control and is strong enough to deliver 1,200 N of clamping force with just two fingers. They are superb clamps for assembly work. The light weight of these clamps really provides an advantage especially when lots of clamps are needed.

- ✓ Super light weight
- ✓ Vibration resistant
- ✓ Fast and powerful



code	jaw opening	throat depth	price
BESKL120	200mm	80mm	£23.00
BESKL130	300mm	80mm	£25.62



## SINGLE-HANDED CLAMPS

## Speed Clamp

Very quick single-handed operation. Useful for quick fitting-up of exhibition scenery as well as workshop use especially for tasks such as steam bending and glueing when speed is essential. A favourite with carpenters but unfortunately no longer available in black.



code	jaw opening	price
TOLSPEEDCLAMP	150mm	£12.19

## Bessey EZS One-Handed Clamps

The extremely sophisticated technology makes it possible, with just one hand, to clamp or spread workpieces with up to 2,000 N of clamping force. Thanks to the clever release mechanism no tools are needed to convert between clamping and spreading. The soft pressure caps ensure material protection and secure clamping.

✓ 2,000 N of power ✓ Great value



code	jaw opening	spreading	throat depth	price
BESEZS308	300mm	510mm	80mm	£27.05
BESEZS458	450mm	660mm	80mm	£28.96
BESEZS608	600mm	810mm	80mm	£32.53

## LONG CLAMPS

## Bessey REVO KRE Body Clamps

These clamps have many advantages over the old styles of sash and T-Bar clamps. There's no fiddly pin and chain to insert into a hole – just slide the jaw against the workpiece and twist the handle to deliver up to 8,000 N of pressure. The very large face area protects the work but more importantly it remains at right angles ensuring perfect parallel clamping. The jaws are fitted with nylon face pads which further safeguard the work surface and also shed off any glue. Using these clamps will provide a far better glue joint due to the guaranteed parallel clamping force.

✓ Perfect right angle joints with no surface damage!  
✓ This new type has added power and safety features!



code	jaw opening	spreading	throat depth	price
BESKR1002KN	1000mm	1130mm	95mm	£75.65
BESKR1502KN	1500mm	1610mm	95mm	£92.35
BESKR2002KN	2000mm	2080mm	95mm	£126.23

## SPRING CLAMPS

## Spring Clamps

These tough plastic clamps are available in three sizes and are great for quickly holding cloths in place or for stretching cycloramas. Use them at outdoor events for securing awnings and banners. Surprisingly strong grip. See also Holdons on page 158.



code	length	length	jaw opening	price
GENSC4	4"	100mm	50mm	£1.75
GENSC6	6"	150mm	75mm	£2.25
GENSC9	9"	200mm	105mm	£3.05

## Heat Resisting Steel Market Stall Clips

Ideal for holding gel frames to hot lanterns etc. Good strong grip for windy outdoor conditions.



code	length	length	jaw opening	price
GENCCS	4"	100mm	35mm	£1.48
GENCCM	6"	150mm	60mm	£1.72

## Vario Clippix XV

This very clever clamp is fitted with two adjustable clamping arms to provide a jaw width of up to 170 mm. Soft inserts on the handles and soft swivel pads result in all round effective but gentle one-handed clamping. One advantage of these clamps is that you can adjust the opening to allow a very gentle [or strong] clamping pressure. Great for use with delicate materials like balsa or polystyrene. Just 140 g. They're good!



code	weight	jaw opening	throat depth	price
BESXV5170	140g	170mm	50mm	£8.71

## BAND CLAMPS

## Band Clamp

For clamping up to 7 m with an even tension on all sides.

- ✓ The band is drawn on both sides ensuring equal pressure on all corners without warpage
- ✓ Integrated coiling mechanism
- ✓ Supplied with Vario Corners for high pressure mitre joints
- ✓ Ideal for cladding circular columns



code	description	price
BESBAN700	7m clamp with 4 Vario Corners	£45.85
BESVE	Set of 6 spare Vario Corners	£17.50

# HAND TOOLS

## VIKING ARM

### Viking Arm

This reversible squeeze trigger clamp that can be used to pry things apart or forcibly bring them together. Used in the construction industry for the installation of windows and doors we think this ingenious tool is great for levelling decks and installing castors. Each arm has 150kg lifting capacity so if set on 4 corners it's a powerful squeeze trigger jack. To reverse simply unscrew bolt at the top of the clamp and reverse the handle. There are also 2 options for release of the clamp, full release or a gradual allowing for fine adjustment both release buttons are located at the back of the handle. This is the original Norwegian-made tool and not to be confused with cheap knock-offs. SPECIFICATION: Made from Stainless Steel/Hardened Carbon Steel/Aluminium. Lifts: from 7 to 215mm. Base Size: 105 x 87mm (6 mm thick plate)



code price  
TOLVM £149.00

## POCKET HOLE JIG

### Triton Mini Pocket Hole Jig

"Joinery made simple" is the tag line for this handy device. The perfect size for in situ repairs, this mini jig will help produce pocket holes in materials from 12 - 38 mm. Supplied with all the necessary pieces (including some pine dowels) you're pretty much good to go. We especially like the end catch and magnetised base for speedy positioning from the edge of the wood for the desired drilling depth. Supplied in a cardboard box with: 9.5 mm Ø step drill bit, stop collar and key, square drive bit for supplied screws, 10 x pine hole plugs, and instructions.



code price  
TOL747767 £17.35

## LOC BLOCKS

### Trend Loc Blocks

Four interlocking gripping blocks that lock together to allow workpiece to be held in place when sanding, drilling and finishing. Size when four blocks interlocked 173 x 173 mm but, of course, they can be separated to use in each corner of large boards.

- ✓ No need to use clamps. Set-up in seconds
- ✓ Grips both workpiece and bench
- ✓ Lifts workpiece from bench, to allow complete access to every edge and prevents saws and router bits from damaging the work bench
- ✓ Can be used for routing when extra care should be taken to prevent material lift
- ✓ Anti-vibration, non-slip, non-marring rubber pads on both the top and bottom of the blocks



code pack size price  
TOLLOCBLK 4 £21.00

## VICE GRIP PLIERS

### Mobile Grip System

These tools caught our eye at a German trade fair. An incredibly versatile set of two vice grips easily capable of gripping scaffolding size tubes complete with clamps enabling a rock solid connection to a table or ply sheet. The grips can be removed from the clamps for normal use too. Perfect for work onsite. They can also be used to attach boards to scaffold tubes. Endlessly useful. We love them!



code price  
TOL1242 £57.15

### Vice Grip Locking Pliers

One of the most versatile, durable and popular tools. Fitted with curved jaws and wire cutter. These vice grips are the original Irwin Vice Grips lasting 2 times longer and are 25% stronger than many other makes.



code	jaw opening	length	price
ATC10EF	24mm	100mm	£14.83
ATC07EF	41mm	175mm	£17.83
ATC05EF	48mm	250mm	£20.50

### Armor Auto-Adjust Pliers

How irritating is it when you're in the middle of a tricky project, and have to fiddle around with your pliers to get them to grip a different component, especially when it's hidden in a cavity - well no more. These pliers feature an Auto-Adjust technology enabling the jaws to lock onto varying thicknesses without readjustment. Simply adjust the pressure screw and the force of the jaws are set to consistently grip whatever is placed between them. Magic.



code	Type	jaw opening	price
TOLA06100G	Curved	1"	£22.00
TOLA09300G	Needle nosed	1 1/2"	£22.00
TOLA10100G	Curved	2"	£26.99

## RUBBER STRAP WRENCH

### Rubber Strap Wrench Set

Super simple, these rubber wrenches feature a handle and rubber tail that can be passed around an object, and re-inserted into the handle to improve grip. Super handy for releasing seized fittings, or even screw-top paint lids! Watch out for the smell though - when first opened, they absolutely stink. Set contains: 2 x rubber strap wrenches

[1 x 500 mm, 1 x 600 mm]



code price  
TOL598531 £9.95

## PLIERS AND CUTTERS

**Maun Clamping Parallel Plier 160 mm**

Designed for jewellery makers and repairing delicate pieces these pliers are ideal for detailed working. Features plastic jaws that grip firmly and evenly without damaging delicate parts. Locking screws hold delicate pieces in place for hands free working. Made in England, Length: 160 mm, Jaw Opening: 15 mm, Jaw Length: 20 mm



NEW



Scan the QR code to see them in action. You'll never look at pliers the same way again.

code

TOL4802160

price

£38.88

**Maun Parallel Plier with Side Cutter**

High quality Pliers with Side Cutters designed for metal manufacturers working with steel wire, technicians and maintenance engineers. Excellent for manipulating, straightening and cutting wire. The serrated jaws clamp down like a vice, gripping square on to square or hexagonal fixings. Cutting Capacity: hardened wire up to 3 mm, soft wire up to 6 mm. Conforms to: BS 3087-7:1996, ISO 5747:1995. Made in England. Jaw Opening: 17 mm, Jaw Length: 40 mm, Length: 200 mm



NEW

code

TOL4960200

price

£52.03

**Stanley FatMax™ Combination Pliers**

Replaces the Dynagrip. Heat-treated chrome steel forging. Better ergonomics with comfy rubber-like textured handles.



code

STA089868

length

200mm

price

£19.76

**Top Needle Nose Pliers**

Great value elongated Needle Nose Pliers for fine work. With sprung handles to reduce fatigue when doing repetitive work. Cuts up to 1.5 mm sprung wire. Length: 164 mm, Weight: 90 g



NEW

code

TOPNRA150

price

£16.95

**Klein Long Needlenose Pliers**

For accurate assembly work in hard-to-reach areas. Affords maximum visibility. Knurled jaws. Recoil spring. Plastic dipped handles.



code

TOLD318

length

137mm

price

£36.60

**Diagonal Cutters**

Lightweight sprung handle diagonal cutters for cutting solid wire up to 1.9 mm. Not to used for cutting wire rope. Length: 165 mm, Weight: 170 g



NEW

code

TOPN150S

price

£14.65

**Bahco Side Cutters**

Bahco quality with two-component thermoplastic grips and a novel return spring with on/off function.



code

BAH2101G160

length

160mm

cuts piano wire up to

2mm

price

£35.55

**Faithfull Budget Side Cutters**

A budget priced but very serviceable pair of diagonal cutters with induction hardened edges and non-slip soft feel handles.

Cutting capacity: 1.6 mm



code

FAIPLDC6N

length

160mm

price

£8.72

**Klein 8" End Cutting Pliers [Top Cutters]**

For cutting wire or nails close to the work. With wide throat clearance, ample handle leverage, and jaws at just the right angle for easy cutting. Makes a clean even cut. Plastic dipped handles. 2000 Series – ultra durable.



code

KLED2328

length

216mm

price

£39.50

**Irwin Aviation Snips**

Powerful compound leverage for cutting straight and curves in mild steel, chicken wire, vinyl and lino etc.



code

TOL10504311N

length

250mm

price

£20.53

## WIRE STRIPPERS

**Stanley Dynagrip Wire Stripper**

Heat-treated carbon steel forged pliers with bi-material handles and polished heads. Weight: 187 g. More strippers and electrician's hand tools can be found on page 371.



code

STA075068

length

150mm

price

£15.94



# HAND TOOLS

## BOLT CUTTERS

### Economy Bolt Cutters

If you just occasionally need to do a break in then these should do.

SPECIFICATION: Max cut in soft material: 10 mm. Max cut in medium material: 8 mm. Blade thickness: 9 mm. Blade hardness: 56 - 60 HRC. Handle length: 24".

code	price
OLY39024	£31.95



## SCISSORS

### Economy Scissors

Stamped out blades with plastic handles. The general purpose model has straight handles while the cutting out shears are offset for cutting along table tops. N.B. Handle colour may vary.



code	Type	length	price
TOL704	General Purpose	150mm	£5.36
TOL707	Cutting Out	213mm	£7.42

### Side Bent Shears

Beautiful, traditional shears with nickel-plated blades and black bows. Good canvassing shears. When someone asks to borrow them, say no.



code	size	price
TOL700	8"	£23.53
TOL701	10"	£49.23

### Fiskars Universal Scissors

Quality scissors made from 70% recycled materials with ergonomic handle.



code	size	price
FSK1074547	210mm	£16.67

### Left Handed Scissors and Shears

We decided to stock these scissors after a customer pointed out 10% of you were being left out. Made in Finland, these are the left handed versions of the popular Fiskars General Purpose Scissors.



code	Type	size	price
FSK1000814	Left Handed	8"	£20.91

### Ambidextrous Scissors

A couple of years ago we began stocking left-handed scissors after a customer pointed out that 10% of all people are left-handed and we had no scissors for them. Those scissors have now sadly been discontinued so we have introduced this ambidextrous pair. The handle is ergonomic and symmetrical so comfortable for use in either hand.



code	size	price
TOLCW812S	216mm	£12.17

### Angled Combi Snips

Hard stainless steel blades for cutting thin metal sheets as well as paper, fabrics, card etc. The angled blades make it easier when cutting materials laid out on a bench.



code	length	blade length	price
BESD48A2	190mm	38mm	£19.98

### Multisnip Master

For long continuous straight and curved cuts. All metal parts are stainless steel and the fibreglass handles have a soft insert.

The angled cutter head keeps the material at a distance and out of the danger zone. Cuts thin sheet metals as well as cardboard, paper, fabric etc. See also Aviation Snips on page 329.



code	length	blade length	price
BESD51A	235mm	50mm	£22.42

## LARGE DIAMETER CUTTERS

### Pipe and Large Rope Cutter

Cuts easily through neoprene hose, polythene pipe, fabric-reinforced solid rubber and, rather surprisingly, through large diameter ropes between 24 and 42 mm diameter. The jaw holds the material securely while the ratchet mechanism maintains applied pressure so the handles only need to be opened and closed approximately three times to complete the cut. Cuts cleanly at right angles. For Large Ropes see page 217 and on.



code	price
TOLPPC42	£16.79

## ROPE CUTTER

### Stein Rope Cutter

This strange looking tool is a surprisingly effective hybrid between a knife and a pair of scissors. Definitely works best with lower diameters of rope. We also love the convenience of just swapping out the blades for the standard heavy duty trimming blade every workshop has lying around. Much easier than getting cross with the workshop apprentice for blunting your best shears on some gummy rope. For best results tape the cutting point first.



code	price
TOLSRC	£26.60

## FOLDING CRAFT KNIVES

### Bessey Wooden-Handled Folding Knife

This is the folding knife for the perfectionist. The stainless steel handle has hardwood inserts. It has all the features of the Bessey Knives listed below but without the blade storage area and rubber press point. Such a lovely knife!



code	price
TOLDBKWHDU	£16.95

**Bessey Folding Knife**

This is a really well thought out knife beautifully made with stainless steel parts and an ergonomic handle. It incorporates a patented blade locking system. The handle has a spring opening compartment to hold five craft blades. There is a rubber press point for applying pressure when cutting tough materials such as dance floor. The rear of the knife has a belt clip. Highly recommended. Also available in a zip pouch with specialist blades. Flints also stocks serrated blades for quickly cutting through ropes etc. plus shatterproof craft blades which are safer for working overhead – why not try them?



code

TOLDBKPH

price

£19.95

**Bessey Folding Knife Set**

This handy set will keep everything you need organised and safe. A really good choice of present for anyone who works with their hands.

Supplied in a strong zipup pouch with: the folding knife plus a pack of standard blades, a pack of hooked blades, two large hooked lino blades and two scribing blades.



code

TOLDBKPHSET

description

Folding Knife Set

price

£29.85

TOLDBKL

Pack of 5 Lino Blades

£10.53

TOLDBKPHA

Pack of 5 Scoring Blades

£8.50

**CRAFT KNIVES****Stanley Trimming Knife with Retracting Blade 99E**

Ever popular keenly-priced knife.



code

STA210099

price

£9.12

**Stanley Trimming Knife 199E**

The basic grey Stanley Knife with non-retracting blade. A classic period piece. The Morris Minor of craft knives.



code

STA210199

price

£6.24

**Stanley Titan Retractable Blade Knife**

Super heavy-duty aluminium alloy body. No screwdriver is needed to change the blades. The blade is fully retractable.



code

STA210122

price

£20.56

**Stanley Instant Change Retractable Knife**

Innovative front loading instant blade change plus string cutting slot. It can now store up to 8 normal duty blades. 3 blades supplied. For reasons we don't understand, Stanley no longer make a holster for these knives. May we suggest a Dolphin Knife instead?



code

STA010788

price

£15.99

**Dolphin Knife**

The professional coverer's choice of knife. Perfect balance with strength. Non-retracting but supplied with scabbard. Blades not included.



code

DOL202

price

£16.89

**Olfa Sk-16 Thick Material Concealed Blade Cutter**

We were very excited by this safety knife and we're not being sarcastic. With normal box cutters it's so easy to accidentally slice the contents of the box or even yourself. This knife eliminates that risk. Great for slicing open and breaking down boxes, cutting off plastic wrapping and straps. We've also found it to be sharp enough to cut sheet materials like carpet and heavyweight cardboard, using it like a hook knife cutting on a pull stroke. To avoid tape gunk gathering on the blade there's a tape splitter at the end of the handle along with a hole for lanyard. The tape splitter is blunt, but with enough force will split the tape. Made in Japan, Olfa products are built to last, the durable fibreglass handle comes with a lifetime guarantee. The blade itself can be easily replaced and just clicks into place. Supplied with 1 blade.



code

TOLSK16

description

Blade Cutter

price

£12.95

TOLSKB1610

10 Pack Replacement Blades

£24.00

**Olfa Retractable Saw Cutter**

Handy retractable push AND pull saw with secure screw type fastening. 25 mm wide handle also takes 25 mm standard snap off blades making this a versatile tool. Made in Japan with a lifetime guarantee. Great for cutting: ✓ Plastic ✓ Pipes, ✓ Wood, ✓ Plastic, ✓ Foam, ✓ Rope, ✓ Leather, ✓ Carpet, ✓ Rubber



code

TOLHSW1

description

Saw Cutter

blade width

25mm

price

£18.05

TOLHSWB11B

Replacement Saw Blade

25mm

£12.95

TOLHBSB

Plain HD Blades [5 pack]

25mm

£4.90

**Olfa Dual-Blade Multi-Trade Tool**

Saw and Knife all in one. One side has a sharp pointed push and pull keyhole saw that's great for plasterboard and wood, securing into place with a screw type fastening, so no wobbling. The other side has a slim but durable 12.5 mm snap off blade that automatically locks into place.

Lanyard hole at rear of handle. Made in Japan with a lifetime guarantee.



code

TOLCS5

description

Dual-Blade Multi-Trade Tool

price

£19.25

TOLMTB10B

12.5mm Spare Snap off Blades

£4.80

TOLSWB51B

Olfa Saw Blade For CS-5

£11.05

# HAND TOOLS

## SNAP-OFF BLADE KNIVES

### Olfa L5-AL Auto Lock Snap Off Knife 18mm with Paint Tin Opener

Knife AND paint tin opener?! The popular classic Olfa knife uses a screw to secure the blade but this new updated version has an incredibly strong automatic locking feature and a paint tin opener/tape splitter to boot. Ergonomic, durable fibreglass handle with elastomeric grip. Hole for lanyard. Made in Japan and comes with Lifetime Guarantee.

code	blade width	price
TOLL5AL	18mm	£9.45

### Olfa X Design Metal Hyper Pro Auto-Lock Cutter 18mm

Solid Aluminium die cast body with rubberised handle for grip, this is a knife that will last you a lifetime but if it doesn't, it comes with a lifetime guarantee, so you can get a replacement! Auto lock mechanism. Corrosion Resistant. Lightweight. Made in Japan.

code	blade width	price
TOLMPX-AL	18mm	£21.65

### Stanley Snap-Off Knife

The 9 mm knife has 13 snap-off sections while the 18 mm has 8. Both have a safe storage for used blades.

code	description	price
STA010150	SM9 knife	£2.36
STA010151	SM18 knife	£3.13

### Olfa Knife

Heavy-duty cutter with rubberised grip. Popular with prop makers. See page 143 for rotary trimmers. Comes with spare blades, and the back of the cutter has a tool for easy snap off.

code	description	price
TOLL2	Knife with three blades	£10.95

## BLADES

### Rapid Edge Serrated Utility Knife Blades

This multipurpose blade fits all standard utility knives and has been tested and proven to cut faster and provide longer blade life. Pack of ten.

- ✓ Cuts through rope like butter
- ✓ Once you try these you won't change back

code	description	price
TOLRT404	10 pack	£3.50

### Flints Heavy-Duty Blades

Top quality Sheffield-made blades at just a fraction of the usual cost. Box of 100.

code	description	price
TOLL680	100 pack	£9.41

### Irwin Shatterproof Heavy-Duty Blades

These bi-metal blades provide a safer option for extra heavy-duty tasks. They stay sharper for longer too! Pack of ten.

- ✓ Lasts three times longer
- ✓ Shatterproof for ultimate safety

code	description	price
TOL10504241	10 pack	£5.88

### Stanley 1991 Normal Duty Trimming Blades

Comes in packs of five and 100.

code	description	price
STA011911	5 pack	£2.04
STA111911	100 pack	£28.23

### Stanley 1992 Heavy-Duty Trimming Blades

Comes in packs of five and 100.

code	description	price
STA011921	5 pack	£2.36
STA111921	100 pack	£34.51

### Stanley 1996 Sharpened Hook Blade

For cutting sheet materials such as floor covering and plastic sheeting. Comes in packs of five and 100.

code	description	price
STA011983	5 pack	£2.36
STA111983	100 pack	£39.26

### Irwin Shatterproof Snap-Off Blades

These bi-metal "Blue" 18 mm blades have soft-snap technology for safer segment breakage. Can fit Olfa and Stanley knives. Pack of 5.

code	description	blade width	price
TOL10507102	5 pack	18mm	£5.39

### 9 mm Stanley Snap-Off Blades

9 mm blades with 13 snap-off sections. Packs of 5 and 100.

code	description	Type	price
STA211300	5 pack	SM9	£2.81
STA111300	100 pack	SM9	£34.51

### 18 mm Olfa Speed Snap Off Blade Pack of 5

These blades are very impressive, they are just as sharp as your standard snap off blades but these have a fluorine coating which reduces resistance on the material you are cutting so they glide right through.

code	description	blade width	price
TOLLFB5B	5 pack	18mm	£4.70



**18 mm Olfa Wavy Blade Pack of 3**

Wavy Serrated Blades from Olfa. These blades are designed to cut 'slippery materials'..... we've found it works great on large diameter ropes where a serrated, sawing action is required. 18 mm blade fits in to most generic 18 mm snap off blade handles but for secure fit we recommend using with Olfa screw type or auto lock handles.



code	description	blade width	price
TOLLWB3B	3 pack	18mm	£4.80

**Olfa Blade For Rotary Cutters 45mm**

Spare 45mm Tungsten Carbide Blade for Rotary Cutter. Made in Japan. 1 Per Pack.



code	description	diameter	price
TOLRB451	each	45mm	£6.75

**Olfa 45 Degree Cutter**

This handy 45 degree Mount Board Cutter also cuts EVA or Plastazote foams with ease.

When glueing pieces of flexible foams together it can be rather difficult to cut neatly at an angle, this cutter glides the blade through the foam. Cutting at at 45 degree angle gives you the ability to join foams tightly & neatly with a minimal seam. The blade is super sharp and double sided, allowing for cutting both forward & backwards, great for left hand or right handed users alike. Fully adjustable cutting depth of up to 6 mm, and retracts away for safety and easy storage. Comes with 2 x spare blades, replacement blades also available.



code	price
TOLMC452B	£20.35
TOLMCB1	£17.90

**SCALPELS****Swann Morton Scalpels**

Surgical quality handles and carbon steel blades. A precision tool for accurate cutting of models, stencils and props [and other things too but let's not try that in the workshop]. The No.3 handle takes No.10a and No.11 blades and the No.4 handle takes the No.26 blade.



code	description	price
TOL685	No.3 Stainless Steel handle	£6.98
TOL0934	No.4 Stainless Steel handle	£6.98

**Swann Morton Disposable Scalpels**

Plastic handle fitted with a stainless steel blade, complete with tubular plastic guard. Swann Morton quality. No longer supplied cellophane wrapped.



code	description	price
TOL6602	Disposable handle with No.10a blade	£0.65
TOL6603	Disposable handle with No.11 blade	£0.73

**Swann Morton Retractable Knife**

Takes the No.10a and No.11 Swann Morton blades. Plastic handle features a stainless steel bayonet allowing the blades to safely retract. Not suitable for No.26 blades.



code	price
TOL685RN	£6.91

**SCALPEL BLADES****Scalpel Blades**

Swann Morton blades are sold in boxes of 100 but are wrapped in packs of 5. Available in three popular styles. Choose the 10a as a general blade, the size 11 for precision cutting such as making stencils and size 26 for the most intricate work. Type 26 is not suitable for the Retractable Handle. Comes in boxes of 100. No longer supplied cellophane wrapped.



code	description	Type	price
TOL687	fits handle No.3	No.10a Blades	£14.91
TOL687A	fits handle No.3	No.11 Blades	£14.91
TOL688	fits handle No.4	No.26 Blades	£16.21

**CRAFT KNIFE SET****Swann Morton ACM Box Set**

This is a comprehensive set of 13 precision ground carbon steel blades, made by one of the world's leading surgical blade manufacturers to the same high surgical quality for which the company is renowned. With easy blade changing, the 10 blade shapes offer cutting edge versatility all from one set.

Supplied in plastic case with: 3 handles, two No.2, three No.11, one each of No's 7, 10, 16, 17, 18, 22, 24 & 28 blades.



code	price
TOL9101ACM	£35.95

**CUTTING MATS****Olfa Self-Healing Cutting Mat**

Ideal for cutting stencils and model making without wrecking your table! Dimensions: 450 x 600 mm [slightly larger than A2]



code	length	width	price
TOLCMA2RC	600mm	450mm	£29.35

# HAND TOOLS / MULTI-TOOLS

## PREPPING

### Purdy Cushion Grip Wire Brush

This short handled brush has unique criss-cross bristles made from rustproof stainless steel. The handle is rubberised for comfort, has a pistol grip, and a hammerhead end. The brush head has side grips so you can really attack your rust. Super lightweight, we really like it. Sadly Purdy have discontinued their rather good block brush which could be added to an extension pole. Qué será, será!



code	length	weight	price
PBR144910100	11"	200g	£7.88

### Faithfull Wire Brushes

Heavy-duty hardened and tempered 28 gauge steel with wooden handles.



Three Row

Four Row

Four Row with Scraper

code	description	price
TOL731	Three Row	£3.50
TOL732	Four Row	£4.05
TOL734	Four Row with Scraper	£5.64

### Economy Wire Brush

A really good value wire brush with a plastic handle.



code	description	price
MET044241	Four Row with plastic handle	£2.20

### Mini Wire Brush Set

Like oversized toothbrushes these are great for getting at difficult to access places to clean up and de-rust prior to painting. They have a comfortable soft grip handle. One of stainless steel, one of brass and one of nylon. Length: 175 mm. Bristles: 40 mm x 10 mm wide.



code	description	price
TOLROU52005	3 brush set	£7.30

## MULTI-TOOLS

### LEATHERMAN

It used to be a simple choice between the Leatherman Supertool and the Gerber Bluntnose, then came the rest of them – Waves, Surges, Legends, Squirts, Kicks, Blasts and Crunches! We can't stock them all, so to save you time we have listed a selection of the best and most suitable tools starting with the original compact Leatherman Tools with a 25-year guarantee.

### Charge TTI+



The Charge TTI+ features a cutting hook, scissors, outside-accessible blades, bit drivers, crimpers and more. Fitted with comfort-sculpted titanium handles and S30V® stainless steel clip-point knife. Grab a hold of one today and you'll quickly see why the Charge models are the pinnacle of the Leatherman multi-tool collection. Length: 100 mm closed. Weight: 232 g.

The Charge TTI+ features: needle nose pliers, regular pliers, hard wire cutters, wire cutters, crimper, wire stripper, S30V clip-point knife, 420HC serrated knife, wood saw, scissors, cutting hook, ruler, can & bottle opener, wood/metal file, diamond-coated file, large bit driver, small bit driver, medium screwdriver, fixed and releasable lanyard attachment, removable pocket clip, 25-year warranty,



code	price
LEALT980	£153.25

### Surge



One of the bigger beasts of the Leatherman range, the Surge has the largest pliers and blades of any Leatherman Multitool. Available in a very satisfying black oxide finish that has absolutely no function and would be terrible for backstage workers as you will definitely lose it but you will be the envy of the crew.

Surge features: Needlenose Pliers, Regular Pliers, Wire Cutters, Hard-wire Cutters, Stranded-wire Cutters, Electrical Crimper, Wire Stripper, 420HC Knife, 420HC Serrated Knife, Saw, Spring-action Scissors, Awl w/ Thread Loop, Ruler, Can Opener, Bottle Opener, Wood/Metal File, Diamond-coated File, Blade Exchanger, Large Bit Driver, Large Screwdriver, Small Screwdriver



code	price
LEALT850	£112.00

Wave+

Leatherman's most popular multi-tool ever. Unusually, four locking blades are accessible without opening the tool. Now with larger knives and stronger pliers. Length: 100 mm closed. Weight: 241 g.

The Wave+ features: Needle nose pliers, regular pliers, premium replaceable hard wire cutters, replaceable wire cutters, wire strippers, 420HC knife, 420HC serrated knife, wood saw, spring-action scissors, ruler, can & bottle opener, wood/metal file, diamond-coated file, large bit driver, small bit driver, medium screwdriver, lanyard attachment, 25-year warranty.



code	price
LEALT655	£92.28

Bond

Sleek, no frills, great value multitool with a simple range of the most essential tools, apparently inspired by THE Timothy Leatherman's original multitool from 1975. If you are just as sad as we are you might enjoy Mr Leatherman himself talking about how he invented the modern plier based multitool on NPR's 'How I Built This' podcast.

Bond features: Needlenose Pliers, Regular Pliers, Hard Wire Cutters, Wire Cutters, Wire Stripper, Non locking 2.6 inch 420HC Blade, Awl, Can Opener, Bottle Opener, Wood/Metal File, Phillips Screwdriver, Medium Screwdriver, Small Screwdriver, Ruler.



code	description	price
LEALT180	Bond, Leatherman Bond	£42.00

Skeletool

This is our favourite multi-tool – and we've tried quite a few! The handy karabiner clip and its low weight are the real winning features for us. It is still a full-size Leatherman multi-tool featuring a stainless steel combo straight/serrated blade [ideal for cutting through rope], good pliers, a bit driver and the karabiner/bottle opener – and that's it. Only the most necessary multi-tool features, because sometimes that's all you need. The removable pocket clip means it easily clips onto a belt or pack – no sheath required. We really like it! Length: 100 mm closed.

The Skeletool features: needle nose pliers, regular pliers, hard-wire cutters, wire cutters, 420HC Combo knife, karabiner clip/bottle opener, large bit driver, replaceable pocket clip, stainless steel, one-hand operable features, locking blade. Handle bit storage with: Phillips PH1 and PH2, Screwdriver 3/16". 25-year warranty.



code	price
LEALT85CP	£59.98

Wingman

The spring-action jaws have been newly designed and are handy when doing delicate work. Excellent value. The Wingman features the popular outside-accessible one-hand opening blade. Made in Portland, Oregon from an improved high-carbon form of 420 stainless steel. The super sharp blade locks in place and then folds up easily. The Wingman can always be by your side with its handy pocket clip. It also comes with a nylon case. Length: 97 mm closed.

The Wingman features: Spring-action needle nose pliers, spring-action regular pliers, spring-action wire cutters, wire stripper, 420HC Combo knife, spring-action scissors, package opener, ruler, can & bottle opener, wood/metal file, Phillips screwdriver, medium screwdriver, small screwdriver. 25-year warranty.



code	description	price
LEALT110	with nylon case	£53.18



# MULTI-TOOLS

## Nylon Pouch for Leatherman Multi-Tools

Some Leatherman tools are no longer supplied with a pouch as standard, or you may need a replacement! Fits:

- ✓ Wave + ✓ Charge +
- ✓ Charge TTI + ✓ Crunch
- ✓ Rebar ✓ Wingman
- ✓ Sidekick ✓ Skeletool
- ✓ Skeletool CX ✓ Skeletool RX

code	price
LEALP20M	£11.63



## LEATHERMAN FREE COLLECTION

The new Leatherman FREE™ range is designed to be facilitate one-handed use, and FREE™ you of frustration! All of the tools are accessible on the outside to aid this, and feature the FREE™'s revolutionary magnetic locking system that allows smooth, quick access to tools. All of the tools lock into place [note some of the plier heads do not lock], allowing the user to apply pressure safely.

### Free™ T2 Tool

Small but mighty, the T2 is the most compact multi-purpose tool in the FREE™ collection. Length: 93 mm closed. Blade: 56mm. Weight: 94 g. Material: Stainless Steel. The Free™ T2 features: 420HC knife, pry tool, awl, bottle opener, Phillips screwdriver, medium screwdriver, extra-small screwdriver, 25-year warranty.



code	description	price
LEAT2	Supplied in a box	£44.96

### Free™ T4 Tool

Small but mighty, the T4 is the "big brother" to the T2 above, with added features, but remains a highly compact multi-purpose tool. Length: 93 mm closed. Blade: 56mm. Weight: 94 g. Material: Stainless Steel. The Free™ T4 features: Spring-action scissors, package opener, Wood/ Metal file, tweezers, 420HC knife, pry tool, awl, bottle opener, Phillips screwdriver, medium screwdriver, extra-small screwdriver, inbuilt pocket clip, 25-year warranty.



code	description	price
LEAT4	Supplied in a box	£62.46

### Free™ K2 Knife

Less a multitool, than an action-packed pocket knife. Available in 2 finishes. Length: 115 mm closed. Blade: 84 mm. Weight: 139 g. The Free™ K2 features: 420HC Knife, pry tool, package opener, awl, bottle opener, Phillips screwdriver, medium and extra-small screwdrivers, removable pocket clip, 25 year warranty.



code	Colour	price
LEAK2G	K2 Grey	£74.97
LEAK2S	K2 Silver	£74.97

### Free™ K4 Knife

Even more of a hybrid than the K2 knife above - this has the clever combo knife, and springaction scissors. Available in 2 finishes.

Length: 115 mm closed. Blade: 84 mm. Weight: 156 g. The Free™ K4 features: 420HC combo knife [half straight, half serrated], spring-action scissors, pry tool, package opener, awl, bottle opener, Phillips screwdriver, medium and extra-small screwdrivers, removable pocket clip, 25 year warranty



code	Colour	price
LEAK4G	K4 Grey	£89.98
LEAK4S	K4X Silver	£89.98

## LEATHERMAN RAPTOR

### Leatherman Raptor

Designed for emergency response workers but if you use scissors on a regular basis why not treat yourself to these handsome foldaway shears. A simpler multitool but excellent if just need to snip things all day. The shears have a pocket clip for when it's folded away or fits unfolded in a belt holster (included)

Raptor Features: Stainless Steel Folding Shears, Strap Cutter, Ring Cutter, Oxygen Tank Wrench, Carbide Glass Breaker and Ruler.



code	price
LEALT41	£75.00

## GERBER

Founded in 1939 in the United States by Pete Gerber to supply kitchen knives to the catalogue retailer Abercrombie and Fitch. Gerber is no longer just a legendary knife company, it is now the second largest manufacturer of quality multi-tools in the USA.

### Gerber Suspension

The perfect blend of ergonomics, style and durability, the Gerber Butterfly-opening tools set the industry standard. Length: 89 mm closed.

- ✓ External one-handed access to blades
- ✓ Comfortable contoured grip area
- ✓ Lightweight design
- ✓ Amazing value

The Suspension features: Saw, scissors, needle nose pliers, wire cutter, fine edge blade, serrated edge blade, Phillips screwdriver, small flat screwdriver, medium flat screwdriver, can & bottle opener, karabiner hole, open frame design, includes lifetime warranty.



code	list price	Tradeline
GERI471	£50.00	£39.95



## VICTORINOX

In 1884, Karl Elsener started his cutlery company in Switzerland. In 1897, he created a light and elegant "Officers Knife" that would later, in remembrance of his mother, Victoria, become known around the world as Victorinox® Original Swiss Army Knife. Today, this ingenious, award-winning knife remains an icon of precision, quality, functionality, versatility and outstanding value.

### Victorinox Swiss Champ

A wonderfully made and useful tool. The pliers are not quite up to the kind of tasks that a full-sized multi-tool will tackle but the multitude of functions make the Swiss Champ perfect for everyday use. Length: 91 mm.

The Swiss Champ features: Large & small blade, bottle & can opener, 1.5 mm, 2 mm, 3 mm & 5 mm screwdriver, wire stripper, bender & crimper, reamer, punch & sawing awl, corkscrew, scissors, pliers, fish scaler, hook disgorging, ruler [cm], ruler [inch], wood saw, nail file & cleaner, metal saw, metal file, magnifying glass, Phillips screwdriver, 4 mm chisel, multipurpose hook, toothpick, tweezers, ballpoint pen, pin, key ring.



code	Colour	weight	list price	Tradeline
TOL4009	Black handle	185g	£94.33	£68.79

## WHITBY

### Whitby Kent+ EDC Multitool

This all new Whitby Kent Multitool is a classic simple pocket knife with added features! Don't be put off the price tag, these are quality tools. We liked it for it's clean lines and lovely feel in the hand. Makes a great gift. Two finishes available, Black with Black Pakkawood or Black with Olive. Beautiful. Length: 3.5" [89 mm] closed.

The Whitby Kent Multitool features: 2.25" [57 mm] Non-locking Plain Blade, Flat Head Screwdriver, Phillips Screwdriver, Pair of scissors



Black with Black Pakkawood



Black with Olive

code	description	price
MULPK72B	Whitby Kent+ EDC Black/Pakkawood	£24.95
MULPK72W	Whitby Kent+ EDC Black/Olive	£24.95

## FOLDING KNIVES

### Petzl Spatha Knife

A nice light knife with a good blade. The central wheel has two key features: it is designed to accept a karabiner [even a HMS page 206] or a Caritool [page 342]; it is also grooved to aid pivoting of the blade to open and close. There is a back locking system. The handle is nylon and textured for grip. The blade is stainless steel, with a smooth tip and a serrated edge for cutting through slings and rope. Length: 120 mm closed.



code	length	price
PETS92AN	180mm	£28.00

### Gerber E-Z Out™ Rescue Knife

This knife features an easy and smooth opening surgical stainless steel blade in a virtually indestructible polycarbonate handle. The combination of size, shape and open-handed operation makes this a very popular knife. Fitted with a stainless steel pocket clip. The blade is serrated the full length for cutting quickly through ropes. The rounded blunt end to the 89 mm long blade will help guard against accidents. Length: 114 mm closed.



code	price
GER06971	£40.47

### Wichard Luminous Knife

Slick design featuring a soft grip, a wrist loop and allows for single handed opening. The strong stainless knife has a locking blade with a serrated section for cutting modern composite ropes plus a shackle key and spike. The handle is luminous so you can find it in the dark. Alasdair's personal choice of sailing knife. Length: 115 mm closed



code	price
TOL10122	£37.13

### Klein Sportsman Knife

A classic traditional knife with a reputation for good reliable service. Ebony wood with a 86 mm blade and brass bolsters supplied in a leather snap case with belt loop. Length: 124 mm closed.



code	price
TOL44037	£35.00

## FOLDING SAWS

### Gerber Gator Exchange-A-Blade Saw

The reason we like these so much is they are small enough to fit in a compact tool box and they are supplied with a strong cordura pouch. The coarse blade cuts rapidly through timber and the fine blade is designed to cut through bone which is obviously really handy on stage. They are such good value we think they've made a mistake. Weight: 307 g.

Supplied in a tough ballistic nylon pouch with: coarse and fine blade in stainless steel.



code	description	weight	length	price
TOL2241457	Saw including coarse + fine blade + pouch	238g	157mm	£19.98

## Purchase of Knives

UK Law states that it is illegal to sell knives to persons under the age of 18. Our staff may ask for identification with proof of age when purchasing at our trade counter. Online purchases must be made with a UK issued credit card or using a trade account. Flints reserves the right to refuse the sale of these items should we suspect that they are being purchased by those under 18.

## PODGERS

These top quality ratchet podgers are the most useful tool for erecting steel scenery. The pointed end will align the bolt holes while the other end with its reversible ratchet socket will tighten the nuts. These podgers fit two bolt sizes and as there is a clear hole right through the head, the spanner can be slid along studding or long bolts without the head grounding. We also have a range of ratchet podgers with a slot to attach the lanyard. The slot enables the lanyard to slide up the handle when the podger is placed in a belt holster. These tools are absolutely indispensable and very highly recommended.

### Standard Ratchet Podger

Our range of Standard Ratchet Podgers are the original version of the podgers Flints began importing from Japan thirty years ago. Manufactured by Supertool, they are a quality tool that will give many years service. Note that you should always secure your podger with a Lanyard [page 357]. NB: the 10 x 13 mm\* and the 13 x 17 mm\* standard podgers are not drilled for a lanyard attachment, so think about choosing a slotted podger.



### Slotted Ratchet Podger Sets

The complete kit of a slotted podger, sprung small tool lanyard and podger holder all at great combined price. Hugely popular! For Holder only see page 348.



**Always secure your podger with a lanyard. For a wide selection of Small Tool Lanyards go to page 357.**

code	description	socket size*	price	5+	10+
POD1013	to fit M6 and M8	10 x 13mm*	£22.00	£18.00	£17.00
POD1317	to fit M8 and M10	13 x 17mm*	£23.00	£19.00	£18.00
POD1719	to fit M10 and M12	17 x 19mm	£25.00	£20.00	£19.00
POD1721	to fit M10 and Scaff	17 x 21mm	£26.00	£21.00	£20.00
POD1921	to fit M12 and M14	19 x 21mm	£27.00	£22.00	£21.00
POD1922	to fit M14 and M16	19 x 22mm	£28.00	£23.00	£22.00
POD2224	to fit M14 and M16	22 x 24mm	£32.00	£30.00	£29.00
POD1924	to fit M12 and M16	19 x 24mm	£29.00	£25.00	£23.00
POD2430	to fit M16 and M20	24 x 30mm	£35.00	£33.00	£32.00
POD4650	to fit M30 and M33	46 x 50mm	£79.80	£68.50	£65.00

### Slotted Ratchet Podgers

These Podgers feature a unique slot which lets the lanyard slide up along the handle when it is in its holder. This prevents the lanyard from snagging on the holster when it is removed. The slotted shaft is extremely strong. These are genuine Supertool Podgers made in their Japanese factory. Flints also offers these podgers complete with a belt holster and lanyard at a very special price.



## OH SO CLEVER PODGERS

### Four-Way Podger

Just one tool now fits FOUR bolt sizes! Inside each socket is another sprung socket which will either engage on the bolt or move inwards to reveal a smaller size. As with all our podgers it still has a clear hole right the way through so, unlike conventional sockets, it won't ground out on long studs.

- ✓ M10 [17 mm]
- ✓ M12 [19 mm]
- ✓ 1/16" Scaff fittings [21 mm]
- ✓ M16 [24 mm]

The four-way podger has a chromed finish and a slot for lanyard attachment plus, of course, a podger for alignment of bolt holes.



code	price	5+
PODSRF3	£26.00	£22.00

code	description	socket size	price	5+	10+
POD1013R	to fit M6 and M8	10 x 13mm	£22.00	£18.00	£17.00
POD1317R	to fit M8 and M10	13 x 17mm	£23.00	£19.00	£18.00
POD1719R	to fit M10 and M12	17 x 19mm	£25.00	£20.00	£19.00
POD1921R	to fit M12 and Scaff	17 x 21mm	£27.00	£22.00	£21.00



## TRICKY ACCESS PODGERS

### Long Reach Podgers

These podgers are designed for gaining access into recesses. The wall thickness of the socket is slim so they are particularly useful for working with difficult to access bolts such as bolts recessed into channels. The 17 mm long socket will just about get into a 41 mm slotted Unistrut to tighten M10 bolts but it is a very tight squeeze. The reach of the long sockets are as follows: 17L = 50 mm, 19L = 50 mm, 24L = 60 mm. Long reach podgers are green!

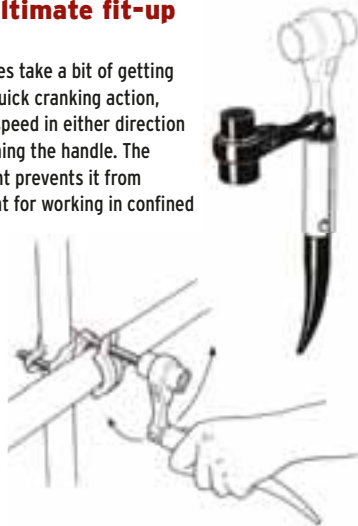


code	description	socket size	price
POD1317L	fits 17 mm long M8 and M10	13 x 17mm	£25.00
POD1719L	fits 19 mm long M10 and M12	17 x 19mm	£26.00
POD1924L	fits 24 mm long M12 and M16	19 x 24mm	£33.00

## SPEEDY PODGERS

### Folding Podgers – the ultimate fit-up tool

Especially for overhead work, but it does take a bit of getting used to! Features include a superfast quick cranking action, ability to turn the nut continuously at speed in either direction and final tightening made by straightening the handle. The position of the lanyard attachment point prevents it from twisting. The folding feature is excellent for working in confined spaces but it does prevent this style from being used as a hammer [and we all know that it is tempting to whack a bolt from time to time].



code	description	socket size	price	10+
POD1719F	to fit M10 and M12	17 x 19mm	£29.00	£25.00
POD1721F	to fit M12 and Scaff	17 x 21mm	£29.00	£25.00

## DIE HOLDER - PODGER ADAPTOR

### Die Holder - Podger Adaptor

This adaptor allows you to turn a 17 mm Podger into a ratchet die holder! Great for restoring the thread on bolts & threaded rod. Fits all 25 mm dies (not included).

NEW

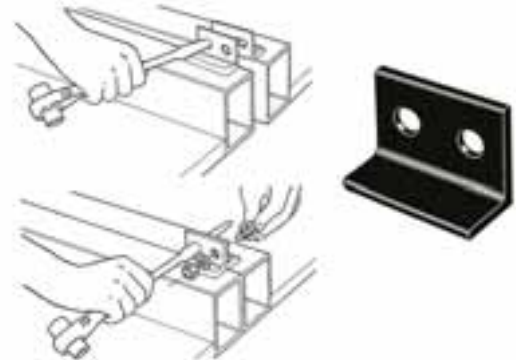


code	price
TOPNA25	£8.47

## POD GALUGS®

### Podgalug®

Designed and patented for use with the ratchet podger. Podgalugs® are drilled with two holes, one for the podger to align the lug and the other for the bolt. Using these twin hole lugs will not only dramatically speed up fit-up times but will free up your engineers from lug making when they could be more usefully deployed on other tasks. Supplied self-colour ready to weld. The holes are 12 mm diameter designed for use with 10 mm bolts. They are positioned 22 mm out from the inner flange to provide good clearance for ratchet podgers. They conform to the Royal Opera House Podger Clearance specifications [honest – they exist!]. 'Podgalug®' is a registered Trade Mark of Flints. Podgalugs® are fully covered by Patent No. GB2331343 and are only available from Flint Hire and Supply Ltd.



code	weight	length	size	price	10+	100+	1000+
FHS043	153g	60mm	40 x 40 x 5mm	£1.15	£1.00	£0.95	£0.90
FHS044	126g	60mm	40 x 25 x 4mm	£1.05	£0.95	£0.90	£0.85

## CURVED PODGERS

### Curved Podgers

A slightly shorter podger with a curved end. Some people prefer the short length as it is less likely to snag when stored in a belt holster. Available in alloy and steel. Definitely consider these lightweight alloy podgers if you work frequently at height – they will save you carting 160 g up that ladder.



Curved Alloy	description	socket size	price
POD1719CA	fits M10 and M12	17 x 19mm	£29.00
POD1921CA	fits M12 and scaff	19 x 21mm	£29.00
Curved Steel	description	socket size	price
POD1719CS	fits M10 and M12	17 x 19mm	£24.00
POD1921CS	fits M12 and scaff	19 x 21mm	£24.00

## 1/2" DRIVE PODGERS

### 1/2" Drive Ratchet Podger

Drop forged in select alloy steel with continuous taper handle for aligning bolt holes. Made by Klein Tools. Serious piece of kit. For Klein Bull Pins look at page 350.



code	length	price
TOL3239	380mm	£79.50

## ADJUSTABLE HEAD PODGERS

### Adjustable Head Podger

Versatile wrench fits all nuts and bolts to 38 mm. Eliminates the need for carrying several fixed-size spanners. Drop forged from select alloy steel with continuous taper handle. 380 mm long.



code	length	price
TOL3239	380mm	£79.50

## SCAFFOLD SPANNERS

### Scaffold Spanners

Traditional scaffolding spanners in two sizes. 7/16" is the most common UK size for scaffolding fittings. And you won't find the 1/2" in many places. The chrome Supertool 21 mm has a textured grip and the rounded off socket edges prevent nipped fingers.



Supertool 21 mm

code	description	price
TOL1530	Whitworth 1/2" [RARE!]	£9.62
TOL1531	Whitworth 7/16" [thread size for 21 mm nut]	£9.62
TOLSOSW21	Supertool 21 mm	£15.00

## DUAL SPANNER

### Dual Spanner

Great quality, Japanese made Dual 17 x 19 mm Ratchet Spanner. If you only ever really come across M10 & M12 nuts & bolts, this is the tool for you. With drilled hole for lanyard.

NEW



code	price
TOPPR1719N	£18.50

## QUAD SPANNERS

### Quad Spanner

Another of Flints best-sellers brought in from Japan. These are probably the most popular tool found backstage. This reversible ratchet spanner fits M8, M10, M12, and Scaff, covering all the sizes normally found on stage. The usual superb Japanese tool quality ensures reliable long life. Stainless steel body. Two new sizes now available! The smallest one is perfect for a keychain.



Lanyard is not supplied.  
See page 357.

- ✓ The most popular backstage spanner!
- ✓ Just one tool covers virtually every task
- ✓ Reliable quality for a lifetime of use
- ✓ Drilled for a lanyard
- ✓ Very easy to buy online with special cheap carriage rates
- ✓ Can be attached to a belt by means of the Caritool [page 342]
- ✓ New large size for M12, M14, M16 and scaffolding

code	description	price	
PODQUAD1	fits sizes 5.5, 7, 6 and 8 mm	£12.00	
PODQUAD3	fits sizes 8, 10, 12 and 13 mm	£16.50	
PODQUAD	fits sizes 13, 17, 19, 21 mm	£25.25	
code	description	price	10+
PODQUADL	fits sizes 19, 21, 22 and 24 mm (large)	£34.60	£31.14

### 4-in-1 Ratchet Spanner

Made from Chrome Vanadium steel which is then chrome-plated for protection against corrosion. This well constructed spanner has a 10-year guarantee. The 10 x 13 x 17 x 19 sockets fit the most common bolts found on stage [M6, M8, M10 and M12]. Not drilled for a lanyard. Length: 229 mm. Weight: 282 g.



code	description	price	10+
POD4IN1	fits sizes 10, 13, 17 and 19 mm	£19.00	£17.00

## COMBINATION SPANNERS

### Bahco Combination Spanners

Chrome plated high performance alloy steel combination spanners from Bahco. 12 Point drive on ring end aid longer service life of bolts. Why not treat your self to the whole range and a Klein Zipper Bag to put them in, just a thought.



Conforms to: ISO 691, ISO 7738, ISO 3318, ISO 1711-1 and DIN 3113



Spanners	description	size	price
BAHCM10	to fit M6	10mm	£8.95
BAHCM13	to fit M8	13mm	£8.22
BAHCM17	to fit M10	17mm	£12.65
BAHCM19	to fit M12	19mm	£14.80
BAHCM21	to fit scaffolding	21mm	£18.30
Spanner Kits	description		price
BAHCOMB4K	fits 10, 13, 17 and 19 mm		£36.58
BAHCOMB5K	fits 10, 13, 17, 19 and 21 mm		£50.58
BBP5139	Klein Zipper Bag [318 x 178 mm]		£14.30

## ZERO SPANNER

### Zero Spanner

A lightweight, Japanese-made Adjustable Spanner, weighing just 135g!  
Jaw width: 0 - 25 mm



code

TOPHM25

price

£19.55

## ADJUSTABLE SPANNERS

### Bahco Adjustable Spanners

Invented by Bahco in 1891 these Swedish spanners exceed ISI specifications and will withstand high torque loads and continuous heavy work. We can actually order spare parts for these AJs but in the last 30 years no one has asked for any! The 8" Bahco + is pretty much an essential tool backstage for both electricians and stage crew. Still the best.



code

BAH8070

length

6"

jaw width

20mm

price

£26.49

BAH8071

8"

2mm

£28.85

BAH8072

10"

30mm

£37.37

### Bahco Wide Opening AJ

This popular adjustable spanner has a very wide jaw capacity of 38 mm yet still has the 8" [200 mm] handle enabling wide nuts to be accessed in awkward positions. No wonder it is our best-selling adjustable spanner.



code

BAH9031

length

8"

jaw width

38mm

price

£38.16

### Stanley MaxSteel Adjustable Spanners

These have a narrow head design for limited space applications and are laser marked with a metric jaw scale for easy fastener sizing. The forged alloy-steel body increases strength, with the extra-wide jaw capacity opening wider than standard adjustable wrenches. They have a bimaterial handle for a comfortable grip.



code

STA090947

length

150mm

jaw width

24mm

price

£9.96

STA090948

200mm

29mm

£12.48

STA090949

250mm

33mm

£14.93

STA090950

300mm

39mm

£18.68

## LIGHTING TECHNICIAN'S TOOLS

### GRIGA Multitool

The ultimate tool for lighting, sound, AV and stage technicians, this tool was designed by technicians for technicians. This tool started life on Kickstarter by Frances Rice & Greg Bould who both have 20+ years working in the industry. The idea was to avoid carrying around so many tools and reduce the damage caused by tools to lighting fixtures, clamps and fasteners. Made from one single piece of stainless steel with no moving parts this is a tool that won't fail.

Tool functions:

- ✓ Spanner for hex head nuts and bolts Sizes: 21, 19, 17, 8 mm and 1/2" square
- ✓ Coin Driver
- ✓ Hook Blade/Tape Splitter
- ✓ Wing Bolt Spanner for standard, universal, global and Doughty wing bolts/nuts
- ✓ Drive Bit Holder for 1/4" or 3/8" drive attachments

The lanyard has also been well considered, one end clips directly to the tool and the other attaches to your belt with a hook and loop strap. But that's not all, the belt loop has a magnet so you can snap the tool to your waist when not in use.

We were first introduced to this tool by a regular at our Edinburgh Outpost, John Slater, Technical Manager for Underbelly who could not recommend it highly enough, cheers John!



code

TOLGRIGAMT

description

GRIGA Multitool

price

£64.99

TOLGRIGALAN

Lanyard

£19.99

### Dirty Rigger Multi-Tool

14 tools in one hand - so simple yet it's indispensable. Cut from 4 mm hardened steel it's one of the toughest multi-tools of its kind on the market. 14 separate tools remain instantly available, with every one designed around some of the most common needs in the professional rigging industry. Finished in a durable matt black powder coat and, of course, it has got a bottle opener too.

- ✓ 18 mm (M10), 20 mm (M12), 24 mm (M14) nut tools
- ✓ 3/8", 1/2", 3/4" nut tools ✓ 2 x Wire Strippers ✓ 7 mm (M6) square nut tool
- ✓ Wingnut tool ✓ 4 mm and 6 mm eyelets ✓ Barndoor tool ✓ Bottle opener



code

TOLDRMT

price

£18.36

### StageJunk Mini Tool

- ✓ 3/4" and 19 mm [M12] for C-clamps and star knobs on ETCS, Lekos etc. ✓ 3/8" ETC Source ✓ Smaller yoke handle
- ✓ 3/8" Older swivel focus nut on C-clamp ✓ Bottle opener!



code

TOLUFTBMINI

Material

Carbon Steel

price

£10.95



## Wing Bolt Spanner

A popular laser cut piece of plated steel with holes profiled for large and small wing nuts plus 17 and 19 mm hex nuts. Go to page 371 for more Electrician's Tools.



code	price
TOLWBS	£19.50

## CARITool

### Caritool

A home for your spanner [or Spatha Knife see page 337]. This well engineered belt clip will firmly secure to your belt. The wide profile ensures the clip remains at right angles and is always quickly accessible. Designed as an accessory karabiner to take tools up to 5 kg, or 15 kg for the large version. Not PPE.

- ✓ Fantastically useful
- ✓ Economical
- ✓ Lightweight, just 35 g [large 75 g]
- ✓ Neatly clips through the Quad Spanner
- ✓ Designed for one-handed use

Standard



Heavy-duty



code	Type	weight	max load	price
PETP042S	Standard Version	35g	5kg	£6.00
PETP042L	Heavy-duty Version	75g	15kg	£12.50

### Caritool Evo

New from Petzl, the Caritool Evo. Yes, it is designed for holding spare ice screws to your harness whilst you risk life and limb to climb that ice clad mountain face. But it's also great for holding Quad Spanners and LX tape which is almost as exciting.

This new design has a cord toggle which secures the Caritool in place on your Harness or Belt, very useful.



NEW

code	weight	max load	price
PETP043AB00	40g	5kg	£12.00

## RATCHET DRIVERS

### Stanley Ratchet Handle 72 Tooth 1/2" Drive

1/2" Drive Ratchet handle from Stanley with a fully polished chrome head and rubberised handle for a comfortable grip. Quick release button on head enable quick socket changes and low profile lever switch prevents you accidentally switching from righty tighty to lefty loosey.



code	drive	price
STA082665	1/2"	£21.73

## ROTARY RATCHETS

### Proxxon Rotary Ratchets

This ratchet works like any other ratchet but with a unique extra feature. You know the situation, you can get your socket on the nut but there's hardly any room to ratchet the handle. That's not a problem any more - just twist the handle to drive the socket until the nut is home then give it a little tweak to harden up. Magic! If there's no room even for the tweak then use the 1/4" drive socket on the end of the handle to apply torque via the twisting handle.



code	description	price
TOL701467	3/8" Rotary Ratchet Drive	£30.82
TOL23038ZK	3/8" Drive plus sockets in zipper bag	£75.25

## RATCHET HANDLE

### Supertool TRH 3/8" Ratchet Handle

Weights just 230 g! A useful light and compact reversible ratchet handle.

Width: 120 mm. Height: 63.5 mm high.



code	price
TOLTRH3	£23.50

## SWIVEL HEAD RATCHET

### Zyklop 3/8" Swivelling Head Ratchet

This new swivelling head ratchet has defined lock positions at 0°, 15°, 90° right and left. Push button release. Fine pitched tooth design, with small return angle of 5° - 6°. Can be used as a conventional screwdriver at 0°.

- ✓ With the head locked straight ahead the nut can be rapidly spun down the thread, then just click to a comfortable ratchet position to finally tighten up
- ✓ A real time saver



code	price
WER003550	£62.38

## RATCHET ALLEN KEY

### Ratchet Allen Key

To speed up key clamp constructions for the professional user, Flints has chosen this good quality 3/8" drive Teng ratchet handle which will take 1/4" and 5/16" hex sockets. Fits Size 6 and Size 8 key clamp fittings. We sell the handle well below the list price but you could also consider the 1/2" Drive Hexbit on page 309.



code	description	price
TEN3800FRP	3/8" Ratchet Handle [fibre reinforced]	£39.14
TOL2360B	Drive Peg 1/4" [Size 6] (fits 3/8" drive)	£9.80
TOL2361B	Drive Peg 5/16" [Size 8] (fits 3/8" drive)	£10.00

## SOCKET SETS

### 1/4" Drive Socket Set – Teng Mecca Rosso

Popular and compact 23-piece set built in accordance to ISO 9000 and AS945. The drive has an 80 action.

Supplied in a case with: Sockets: 4, 5, 5.5, 6, 7, 8, 10, 12, 13 mm. Bits: slotted 4, 5.5 mm; Phillips PH1, PH2; hex 5, 6 mm; Torx T15, T20. Ratchet includes hanging ring, extension bar, universal joint and bit holder.



code	description	price
TENT1424	23-piece set	£49.95

### Bahco S460 46 piece Metric 1/4" Drive Socket Set

This incredibly good value socket set features Dynamic Drive™ sockets to reduce damage and wear to the fastener. The Ratchet drive features a quick release socket button. All the sockets are made from higher performance alloy steel. Conformity: ISO1174, DIN3120.

Supplied in a strong high-density-polythene case with:

12 x 1/4" hex sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm, 1 x 1/4" ratchet quick release, 60 teeth/ 6° action angle, 4 x 1/4" socket drivers: PH 1, 2, 3, 4, 3 x 1/4" socket drivers: slotted 4, 5.5, 7 mm, 6 x 1/4" socket drivers: Hex 3, 4, 5, 6, 8, 10 mm, 7 x 1/4" socket drivers: T 8, 10, 15, 20, 25, 27, 30, 3 x 1/4" TORX® Sockets: E 6, 7, 8, 1 x 1/4" spinner disc, 2 x 1/4" extension bars 2" & 4", 1 x 1/4" sliding T-bar, 1 x 1/4" universal joint, 1 x 1/4" spinner with two component handle, 1 x 1/4" flexible extension bar 6", 3 x L-Keys: Hex 1.5, 2, 2.5 mm, 3 x removable three section plastic box with lid.



code	description	price
BAHS460	46-piece set	£99.00

### Bahco 26-piece 1/4" Bit Set

Supplied in a case just 100 x 80 mm: Bits: slotted 4, 5, 6 mm; Phillips PH1, PH2, PH3; Pozidriv PZ1, PZ2, PZ3; Torx T10, T15, T20, T25, T30; hex 3, 4, 5, 6. Sockets: 6, 7, 8, 10, 13 mm. 1/4" bit ratchet; 1/4" adaptor.



code	description	price
BAH2058S26	26-piece set	£34.17

### 34-Piece Bahco 1/4" and 3/8" Drive Socket Set

With dynamic drive profile. Matt chrome-plated chrome vanadium steel. Supplied in an oil and temperature resistant plastic case with: 3/8" 6-point dynamic drive sockets: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22 mm; 3/8" 3" and 6" extension bars; 3/8" universal joint; 3/8" x 1/4" bit holder; 3/8" 6-point 16 mm [5/8"] and 21 mm [13/16"] spark plug sockets; 1/4" spinner handle; 1/4" x 1/4" bit holder.

Bits: 1/4" flat 4, 5.5, 7 mm; 1/4" Phillips PH1, PH2, PH3, PH4; 1/4" hex 3, 4, 5, 6, 7, 8 mm; 3/8" 54-teeth ratchet handle. Conformity: DIN 3120 ISO 1174.



code	description	price
BAHS330	34-piece set	£66.50

## WERA SOCKET SETS

### Wera Tool Check Plus

This very compact and portable hardcased set features a huge selection of 25 mm bits, Zyklop sockets, adaptors, and handles in a minimum of space that are perfect for a whole host of screwdriving applications. As well as adding to the stylish look of this set, the colour coded sockets make it simple to quickly access the required tool. The Zyklop ratchet is great for confined working conditions as it's just 87 mm in length with a small return angle of 6°. Can be clipped on to your belt so you always have it to hand.

Supplied in a very compact case with: 8001 A Zyklop Mini 1 Bit Ratchet [87 mm], 813 Bitholding Screwdriver Handle. Sockets: 1/4" 8790 HMA Zyklop Sockets: 5.5, 6, 7, 8, 10, 12, 13mm. 25 mm Bits: TZ Phillips PH1 [x2], PH2 [x3], PH3; TZ Pozidriv PZ1, PZ2 [x3], PZ3; TZ Torx® TX10, TX15, TX20, TX25, TX30, TX40; Tamperproof Torx® TX10, TX15, TX20, TX25, TX30; Z Hex-Plus 3, 4, 5, 6, 8mm; TZ Slotted Bit 1.0 x 5.5 mm. Accessories: 1/4" 889/4/1 K Rapidaptor Universal Bit Holder; 1/4" 870/1 Adaptor [25 mm].



code	description	price
WER056490	39-piece set	£74.16

### Wera Zyklop Socket Set Belt

Another smart design from Wera. This robust textile belt with nine sockets takes up minimal space. A smooth 'twist to unlock' mechanism ensures a secure fit and simple removal of the sockets. The colour coded sockets enables the right tool to be selected easily and quickly. Includes a snap hook for secure fastening to a belt loop or pocket. Sockets with holding function for particularly convenient screwdriving with reduced risk of losing the screw when approaching the workpiece. Supplied with a non-woven reverse side and hook and loop strips for simple attachment to a wall, shelf or tool trolley.

CONTENTS: Belt A1: Belt 39 mm x 238 mm; Sockets [23 mm]: 14, 4.5, 5, 5.5, 6, 7, 8, 10, 13 mm. Belt B1: Belt 45 mm x 310 mm; Sockets [29 mm]: 8, 10, 12, 13, 15, 16, 17, 18, 19 mm.



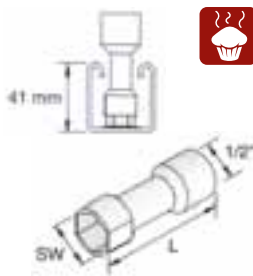
code	description	drive	price
WER0500388	Belt A1	1/4"	£48.21
WER0500397	Belt B1	3/8"	£57.66

## UNISTRUT SOCKETS

### Unistrut Sockets

They are a bit pricey but they could make your life a lot easier. Our Long Reach 13 x 17 podger [page 339] does get inside the channel but it scrapes on the side. These sockets have a reduced waist especially designed for an easy fit in 41 mm Unistrut Channel. M10 [17 mm] socket with 1/2" drive. For Unistrut see page 257.

Maximum torque: 30 Nm. Weight: 130 g.



code	socket	drive	weight	max torque	price
TOL17AF	M10	1/2"	130g	30Nm	£27.45

## SOCKET DRIVE ADAPTORS

### Socket Drive Adaptors

You would have thought that you could buy such handy devices anywhere, but we spent years tracking these down. The pack contains three adaptors allowing you to connect a 1/4" 3/8" or 1/2" socket to your cordless drill. We buy them in bulk and they are selling like hot cakes!



code	description	price
TOL157I	set of 3	£4.50

## SOCKETS IMPERIAL & METRIC

### Imperial Sockets

We stock these sockets primarily so that the Crosby Wire Rope Grips can be correctly tightened using the Torque Wrenches listed on page 195. Life can be oh so complicated!



code	socket	fits drive	fits crosby dog	price
TENM1401I2	3/8"	1/4"	3-4mm	£5.20
TENM1401I4	7/16"	1/4"	5mm	£5.30
TENM1201I8	9/16"	1/2"	6-7mm	£7.40
TENM1201I22	11/16"	1/2"	8mm	£8.60
TENM1201I24	3/4"	1/2"	10mm	£8.70

### 1/2" and 3/8" Drive Metric Sockets

Produced in accordance with ISO 9000 and AS954 to increase torque and reduce the risk of rounding fasteners. Made from chrome vanadium steel with a satin finish. If you are using a 1/4" drive use the 1/4" to 3/8" male convertor.

1/2 are 12 point sockets

3/8 are 6 point sockets



socket	Type	code 1/2	price	code 3/8	price
9mm	fits M5	to order		TENM380509	£5.60
10mm	fits M6	TENM120510	£7.20	TENM380510	£5.60
13mm	fits M8	TENM120513	£7.40	TENM380513	£5.60
17mm	fits M10	TENM120517	£8.30	TENM380517	£6.80
17mm deep	fits M10	TENM120617	£15.50	TENM380617	£11.50
19mm	fits M12	TENM120519	£8.60	TENM380519	£7.00
19mm deep	fits M12	TENM120619	£15.50	TENM380619	£12.40
21mm	scaff 7/16"	TENM120521	£9.30	TENM380521	£7.90
22mm	fits M14	TENM120522	£9.80	to order	
24mm	fits M16	TENM120524	£11.30	not available	
Convertor 1/4" female to 3/8" male				TENM140036	£5.50

## 1/2" DRIVE HEX BITS

### 1/2" Drive Hex Bit Socket

Allows an 8 mm or 1/4" hex drive to be used with your 1/2" drive ratchet handle.



code	description	drive	hex size	price
TENM121508C	fits Size 8 key clamp	1/2"	8mm	£10.20
STW54A14	fits Size 6 key clamp	1/2"	1/4"	£14.85

## IMPACT SOCKETS

### Hikoki 41-Piece Impact Socket and Bit Set

The ideal companion for the Makita Drill & Driver set [page 302].

Supplied in a tough case with: 10 x 1/2" drive impact sockets for use in impact drivers: 8, 10, 11, 12, 13, 14, 17, 19, 21, 22 mm. 28 x 25 mm Driver bits for use in impact drivers: Phillips PH1, PH2, PH3; Pozidriv PZ1, PZ2, PZ3; slotted 3, 4, 5, 6 mm; hex 3, 4, 5, 6 mm; Torx T10, T15, T20, T25, T27, T30, T40; Tamper Torx TH10, TH15, TH20, TH25, TH27, TH30, TH40. 1 x 1/2" square to 1/4" hex adapter [allows impact wrench to be used as a driver and vice versa]. 1 x 75 mm 1/2" hex socket adapter. 1 x 60 mm stainless 1/4" quick change bit holder.

NB: Please check capacity of machine before using some of the larger size sockets.



code	price
POW752500	£41.95

### Teng 1/2" Drive Deep Impact Sockets

To use with power tools and air tools. Manufactured from chrome molybdenum to a DIN standard. Length: 78 mm.



code	socket	price
TEN920613	13mm	£16.20
TEN920617	17mm	£16.40
TEN920619	19mm	£16.40
TEN920621	21mm	£17.10

## TAPS & DIES

### CK Tap and Die Set [includes wrenches]

A good value 21-piece tap and die set covering sizes from M3 to M12. This set includes stocks and wrenches plus a screwdriver. A handy set covering most sizes to get you out of trouble on tour.



code	price
TOLT4032	£69.95



## Budget Metric Tap & Die Set

Economical Tap & Die Set made from C45 carbon steel that are capable of threading/tapping mild steel, aluminium and brass fittings. Set includes the most commonly used threads.

Set includes:

- 1 x Tap Wrench: M3 - 12
- 1 x Die Stock Holder: 25 mm
- 1 x Screwdriver
- Metric Taps: 3mm (0.5), 4mm(0.7), 5mm(0.8), 6mm(1), 7mm(1), 8mm(1.25), 10mm(1.5), 12mm(1.75)
- Tap 1/8 inch NPT
- Metric Dies: 3mm (0.5), 4mm(0.7), 5mm(0.8), 6mm(1), 7mm(1), 8mm(1.25), 10mm(1.5), 12mm(1.75)
- Die 1/8 inch NPT



code	price
TOLTAPDSET21	£29.95

## Die Stock

The 1" stock fits our 6 mm to 12 mm dies. See below for conduit stocks.



code	size	price
TOL1211	1"	£5.40

## Dies

All 1" diameter dies to fit our die stocks and Die Holder Podger Adapter.

code	thread size	price
TOL1223	M6 x 1"	£4.75
TOL1224	M8 x 1.25"	£4.75
TOL1225	M10 x 1.5"	£4.75
TOL1226	M12 x 1.75"	£4.75



## Tap Wrench

Fits 1 mm to 12 mm taps [3/16" to 1/2"]



code	price
TOL1206	£5.25

## Taps

Sold as sets of three [one taper, one second and one bottoming].

code	size	price
TOL1222T	M5	£8.56



## Two Arm Conduit Die Holder

A simple set complete with a 20 mm and 25 mm die. This is a very economical solution where access is good.



## 7-Piece Ratchet Set

Suitable for threading black-gas or galvanized iron pipes. The compact ratchet head is suitable for working close to walls etc. The cast iron die heads have alloy steel dies, four chasers per head for a clean accurate thread and four waste holes for quick dispersion of swarf. Supplied in a blow mould carrying case with: 16, 20, 25 and 32 mm die heads, two-piece handle, compact ratchet head.



20mm and 25mm conduit die set

code	description	price
TOL22496	7-piece ratchet conduit die set	£119.95
SCFESCO	20 mm and 25 mm conduit die set	£29.95
TOLMON3020	Disposable de-burring tool	£7.02

# BOXES, BAGS, BELTS & POUCHES

## BOXES

### Zarges Boxes

Excellent as prop storage or for sending tools or sensitive equipment abroad. Use it for storing your spray guns or brushes. Whatever your use, the Zarges box will keep everything secure, clean and protected. The lid has a foam seal to protect from dust and water spray. Ideal for transporting goods on trailers, or roof racks. The flip catches are lockable. The aluminium construction keeps air freight costs down. Zarges built in quality to protect your valuable possessions.



code	weight	int l x d x h	ext l x d x h	price
BBP40861	4kg	550 x 350 x 220mm	600 x 400 x 240mm	£237.97
BBP40877	4.5kg	550 x 350 x 310mm	600 x 400 x 330mm	£298.02
BBP40862	6kg	750 x 350 x 310mm	800 x 400 x 330mm	£380.98
BBP40863	10kg	850 x 450 x 350mm	900 x 500 x 370mm	£589.50
code	description			price
BBP40864	Divider to suit 40861			£56.75
BBP40865	Divider to suit 40862			£65.48
BBP40866	Divider to suit 40863			£73.13

### Stanley Essential Toolbox

Essential toolbox with internal tool tray and organisers in the lid for small bits and bobs. With metal catches and can be locked with a small padlock. Dimensions: 665 x 335 x 280mm



code	price
STA182976	£33.36

# BOXES, BAGS, BELTS & POUCHES

## TOOL BAGS

### Dirty Rigger Technician's Backpack

Made using 80% recycled materials (the equivalent of 30 x plastic bottles!). Designed by Dirty Rigger especially for professionals working in the arts & entertainment industry, how many other backpacks have this many podger holders?

**NEW**

- Main compartment has up to 30 litres of storage. Durable, rigid plastic base minimises wear and protects against water.
- MOLLE system (Modular Lightweight Load carrying Equipment) on the front & sides of the backpack (basically durable webbing straps sewn flat), ideal for use as Podger/AJ/Hammer/Screwdriver holders!
- 4 x D rings for extra attachment points for lanyards.
- Separate zipped, padded laptop compartment at the back for laptops up to 15.6".
- Breathable cushioning on the back & shoulders straps for comfort with chest clip to keep the straps in place.
- Dimensions: 420 mm (w) x 500 mm (h) x 200 mm (d). Weight: 2.1 kg



code	price
BBPDRBK	£59.99

### Klein Tradesman Pro Organizer Backpack

Klein designed this rugged backpack to tall enough for longer screwdrivers. The main compartment holds tools comfortably and keeps them sorted. Outside, there is a large zipped pocket, and above that, a moulded hard pocket features a fleece-covered divider to protect your safety glasses from scratches. It keeps valuables dry and protected from impact and there is no chance of them falling out. The bag also features numerous pockets [Klein says there's 39 but we're damned if we can find them all], a durable moulded bottom, water-repellent 1680d ballistic nylon fabric, a curved zip for wide access, and orange interior for visibility. The flat base helps the bag remain upright.



code	weight	width	height	depth	price
BBP5542IP14	1.7kg	368mm	508mm	170mm	£109.00

### Klein Canvas Tool Bag with Multiple Pockets

A rugged tool bag with harness leather handles, constructed from heavy white canvas with a strong leather base and six steel base studs. Steel rim around mouth. Fitted with shoulder strap rings and ten interior pockets in various sizes plus one external pocket. This bag should last a lifetime.



code	weight	width	height	depth	price
BBP500318	1.4kg	457mm	356mm	152mm	£119.00

### Highlander 24" Heavyweight Canvas Bag

A useful bag for tools but also useful for carrying brushes or up to 10 x 1 L pots of Rosco Supersat paint. Great value.

**£✓**



code	weight	length	height	depth	price
BBPTB002	520g	600mm	70mm	70mm	£15.00

### Ditty Bag

Made from heavy cotton canvas with a 12 mm rope handle spliced on by Arthur Beale. The soft bottom makes it easy to stow away, and large interior can take reels of whipping twine, sailmakers palms handy pulleys etc. Seven external pockets have a variety of widths for fids, shackle keys, notebooks etc.



code	height	diameter	price
BBP012N	200mm	170mm	£25.00

### Dirty Rigger Gear Bag

Shoulder Gear Bag from Dirty Rigger for easy access whatever you need throughout the day, designed specifically for the demands of Riggers, made from premium materials here in the UK.

**NEW**

- Made from heavy duty, water resistant materials
- 11 x elasticated tool slots
- Padded walls to protect your gear
- 12 L of internal storage
- 2 x External D rings for extra attachment points
- Phone & Tablet pockets
- Rear Zip closing pocket
- Thick velcro closure means you can close the bag tightly, ensuring the contents don't rattle around, with a adjustable nylon buckle to lock in place.
- Shoulder strap is padded for comfort and adjusts with a sliding buckle for perfect fit.

Overall Dimensions: 39 cm (w) x 17 cm (d) x 28 cm (h)

Central Compartment Dimensions: 33 cm (w) x 12 cm (d) x 25 cm (h)

Padded Front Pocket: 26 cm (w) x 7 cm (d) x 23 cm (h)

Rear Zip Pocket: 33 cm (w) x 1 cm (d) x 22 cm (h)



code	price
BBPDRGB	£51.79

## Klein Black Deluxe Tool Bag

This beautiful looking black tool bag is great for backstage technicians and goths alike. Constructed with heavy duty No. 8 Black Canvas. 13 Interior pockets for tool organisation. Comes with detachable and adjustable shoulder strap. Moisture resistant vinyl bottom. Mouth of bag constructed with a hinged steel frame.



code	weight	length	height	depth	price
BBP51021BK	1.8kg	467mm	356mm	152mm	£99.95

## Klein Canvas Tool Bag

This is one bag for life that will actually last you a lifetime. (and has a lifetime guarantee just in case it doesn't). Constructed with No. 6 Natural Canvas with stitched and riveted handles, this heavy duty bag will carry just about anything. Double layer canvas bottom to prevent wear.



code	weight	length	height	depth	price
BBP5155	700g	432mm	305mm	229mm	£58.67

## KLEIN ZIPPER BAGS

### Klein Zipper Bag

A fantastically popular sturdy white No. 10 canvas bag with a strong zip. Convenient for storing small tools such as pliers, spanners, and electrical screwdrivers. Also handy for Allen keys, drill bits, router bits, digital cameras, calculators, splicing gear, sewing gear, artists brushes etc. A couple of these bags can sort your life out! If you have really precious goodies then treat yourself to the leather version below. See also our own version on page 408.



code	width	height	price
BBP5139	318mm	178mm	£14.30

### Klein Coloured Zipper Bags

The ever popular sturdy Klein No. 10 canvas bags with really strong zips are available IN COLOUR. One each of olive, orange, royal blue and yellow. So now you know your Allen keys are in the yellow bag and your flat bits are in the blue bag! They make unusual and well received presents for almost anyone. Set of four.



code	description	width	height	price
BBP5140P	Pack of all 4 colours	318mm	178mm	£47.95

### Klein Natural Consumables Bag

Constructed of No. 8 canvas with heavy-duty brass zipper and brass grommet. Convenient storage for nuts, bolts and other consumables. Now available in a larger size!



code	width	depth	price
BBP5539NAT	254mm	89mm	£16.66
BBP5539LNAT	457mm	89mm	£24.75

### Klein Coloured Consumables Bags

Constructed of No. 8 canvas with heavy-duty brass zipper and brass grommet. In red, blue and yellow. Convenient storage for nuts, bolts, shackles and other consumables. Now available in a larger size too!



code	description	width	height	depth	price
BBP5539CPAK	Pack of all three colours	254mm	203mm	89mm	£39.95
BBP5539LCPAK	Pack of all three colours	457mm	89mm	203mm	£59.95

### Klein Leather Zipper Bags

These high quality soft, yet tough, leather bags have many uses. Use the small one to store precious pliers, cutters and crimpers or to keep your organiser, calculator, diary and receipts together. Neatly holds A4 sheets folded in half. Makes a great wash bag and camera bag! Choose the portfolio size for clip boards, important documents and small notebook computers. Both sizes have heavy duty brass zips. Can you get through life without one of these? Makes a lasting present.



code	description	width	height	price
BBP5139L	Standard	320mm	190mm	£43.00
BBP5136	Portfolio	432mm	305mm	£76.00

## TRANSPORTATION BAGS

### Ortlieb X-plorer Dry Bags

An endlessly useful totally waterproof bag ideal for holding PPE gear such as ropes and harnesses. Unlike most dry sacks they have easily adjustable shoulder straps and a hand grip. They roll down into a compact backpack but expand to hold extra gear when you need it. The new comfortable and breathable padded mesh straps are adjustable and, if you are being really active, there is a cross over strap to prevent the shoulder straps from slipping off. A good bag for cyclists as it is narrow enough not to obscure your view when glancing over your shoulder. Very strong and hard wearing. This new version has extra attachment points on the lower strap, D rings at the closure, and a carrying handle. Sadly now only available in Black. Anyone for a sack race?



code	Colour	weight	volume	height	ø	price
BBPOR17204	Yellow/Black	640g	35L	600mm	270mm	£59.12
BBPOR17205	Yellow/Black	790g	59L	700mm	310mm	£63.06



# BOXES, BAGS, BELTS & POUCHES

## BELTS

### Webbing Belt with Loops

Our biggest selling belts. These tough wide webbing belts have five handy loops for screwdrivers, podgers etc. plus a leather fitting to hold a tape measure and a larger loop to take a hammer. In addition, there is still space to take a nail pouch [not included, see page 351] to hold loose nuts and bolts. Fitted with a quick release steel buckle. Good value and very popular. Nylon [side squeeze] buckle also available.

Fits waist up to 1,067 mm.



Traditional quick release steel buckle



Nylon side-squeeze version.



code	description	width	price
BBPCWB4E	Belt	50mm	£19.90
BBPCWB5E	Webbing Belt with Loops [nylon buckle]	50mm	£20.10

### Dirty Rigger Tool Belt

Comfortable tool belt from Dirty Rigger, compatible with all the very popular Dirty Rigger Pouches/Pockets.

Breathable mesh on the inside for ventilation, 50 mm heavy duty nylon belt buckle for quick release.

Adjusts with a velcro strap to waist sizes 28" - 42".



NEW

code	price
BBPDRTB	£14.52

### Dirty Rigger Padded Utility Belt

Extra padded belt with soft foam and a breathable mesh, comfortable enough for wearing all day long. The inner belt is extra wide for comfort but narrows at the front to allow for leg movement, at the back it's 127 mm wide and 90 mm at the front.

The outer belt has 4 x repositionable D rings for lanyard attachment as well as being fully compatible with all the popular Dirty Rigger pouches and pockets. Adjusts with a velcro strap to waist sizes 30" - 42".



NEW

code	price
BBPUTB	£28.98

## BELT ACCESSORIES

### Large Tape Holder

Made of the finest quality saddle leather. Steel rivets. A perfect fit for the Flints Budget 5 m Tape or the Stanley PowerLock 3 m or 5 m Tape [page 315].

Fits belts up to 60 mm wide. Weight: 130 g.



code	price
BBPCSBTA2	£16.81

### Lanyard Belt Attachment

A strong leather belt attachment with a 37 mm Ø ring.

Fits belts up to 50 mm wide.



code	price
SAFSFCB	£10.20

### Podger Holster

Supertool discontinued their version, so we made our own! Complete with a small tool lanyard attachment ring. The holder is hinged to allow freedom of movement. For Small Tool Lanyards see page 357.

Fits belts up to 60 mm wide.



code	price
FHSPH	£9.06

### Dirty Rigger Podger Holster

This Podger Holster from Dirty Rigger holds the head of the Podger tightly and secures in place with a snap button fastening. Complete with a belt loop or belt clip for a choice of fastening. Our own Podger Holder (FHSPH) has an open top & d ring for lanyard attachment, choose this one for easy access but the Dirty Rigger version for a more compact holster.



NEW

code	price
BBPDRPH	£14.59

### Podger Holder with Extra Pockets

Great quality Podger Holder with 7 tool pouches, plus snap hook for lanyard attachments. The pouches are wide at the top and tapered at the bottom so perfect for carrying the entire contents of your toolbox around your waist; AJs, Podgers, Screwdrivers, Shears, Pliers, Lollipops. Has proved very popular with the discerning customers at PLASA Focus in Leeds and the ABTT show in London. Fits on to belts up to 60 mm wide.



NEW

code	price
TOPTPP701	£15.25

### Leather Podger Holder

A traditional holder. Tunnel belt connection.

Fits belts up to 60 mm wide.



code	price
BBPCSBSC4	£12.79

## Swinging Hammer Holder

Swinging holders prevent the hammer capsizing when working upside down. If you work upside down a lot you may want to consider our hammer with the head on the other end. Fits belts up to 60 mm wide

code	price
BBPCSB1135	£17.11



## Scissors Holder

Heavy-duty leather riveted and stitched for extra durability. Capable of taking large scissors up to 300 mm long. Tunnel loop. Now made from stylish black leather. Fits belts up to 50 mm wide.

code	price
BBPS100M	£15.78



## Bull Pin Holder

Leather construction designed for holding Klein Bull-Pins will take any standard bull pins. Slotted belt connection. Fits belts up to 89 mm wide. 83 x 311 mm [WxH]. Weight: 146 g.

code	price
BBPS417T	£18.95



## Dirty Rigger Gaffer Holder

Webbing loop with snap hook and quick release buckle. Handy sewn in snap hook clips straight onto your toolbelt for easy access to your Gaffer Tape, PVC (LX) or Spike Tapes (33 mm quick release buckle won't fit through the small core of Advance LX tape, but does fit most other brands!). Also a great attachment point for any any tools you need close at hand. Webbing strap will fit around anything up to a 60 cm circumference. Important note: Not intended for use when working at height!

code	price
TAPDRGH	£8.47



NEW

## Gaffer Tape & PVC Tape Holders

Simple strap that fixes to a belt loop with T bar for holding tapes, choose the smaller lanyard for holding up to 5 x PVC & spike tapes and the larger one for up to 4 x 50 mm gaffer tapes.



code	description	price
TOPTPH2	For Gaffer Tapes	£4.28
TOPTPH1	For PVC or Spike Tape	£3.38

## Flints Leather Tool Roll

Keep your tools together with this beautiful black leather tool roll. It has 9 double stitched pockets with a large flap to hold them in place. Also features a strap for holding a hammer or a pair of shears. Belt buckle closing.

NEW



code	price
FHSTOOLROLL	£25.00



## BELT POUCHES AND BAGS

### Dirty Rigger Pro- Pocket XT

The first time we saw this tool pouch we fell in love! So neat and compact - holds exactly what you need without any unnecessary bulk. Perfect for running around on a set up without being weighed down.

- Vertical storage, quick-access layout gives:
  - ✓ 1 x internal smart phone compartment: 100 mm x 80 mm x 30 mm (fit sizes up to iPhone 6/7 Plus)
  - ✓ 1 x internal tool compartment: 150 mm x 60 mm x 40 mm
  - ✓ 2 x external, instant-access elasticated tool loops (20 mm unstretched diameter)
  - ✓ 2 x external D-ring attachments
  - ✓ 1 x detachable 270 mm accessory loop (shown above holding the PVC tape)
  - ✓ 1 x top-mounted snap hook
  - ✓ 2 x vertical tool slots mounted in each internal compartment (4 slots in total)
  - ✓ Headphone cable pass-through from the phone compartment
  - ✓ Constructed from durable 1200x1200 denier nylon polyester
  - ✓ Belt clip & belt loop for preferred attachment



No, you don't get the tools with it!

code	price
BBPDRPPXT	£26.61

### Dirty Rigger LED Chest Rig

Keep your gear close to your chest! Great for carrying a Two Way Radio and all the other bits of nonsense you need on location or backstage.

This chest rig has an array of ways of storing your gear:

- ✓ Central pouch with zip.
- ✓ Two way radio pocket with button closure that fits most two way radios.
- ✓ Velcro front pocket.
- ✓ D ring attachment point on the shoulder.
- ✓ Comes with detachable LED light mounted on the shoulder.
- ✓ Fully adjustable shoulder/torso straps.

Important Note: Always secure tools if working at height! Replacement battery for LED light: CR2032



code	price
BBPDRCR	£48.28

# BOXES, BAGS, BELTS & POUCHES

## Technician's Tool Pouch 2.0

Boasting 10 pockets the tech pouch is capable of holding a huge variety of screwdrivers, spanners, hammers, tape measures etc. and the abrasion and puncture resistant rubber base prevents pointed tools from piercing the bottom of the bag. Main centre pocket contains 5 inner pockets, all secured with a hook and loop closure flap over the top of the pouch. Four D-ring attachments for linking accessories.



No, you don't get the tools with it!

code	width	height	price
BBPDRT20	230mm	200mm	£29.03

## Dirty Rigger Compact Utility Pouch

This is one of the smaller tool pouches from Dirty Rigger that won't get in the way but is deceptively spacious. The main pocket is elasticated so contents remain snugly inside.

Features: 4 x external screwdriver pockets, 2 x front pockets, 2 x internal screwdriver pockets, magnetic closure for main pocket, belt loop attachment fits belts up to 50 mm wide. Dimensions: 14 x 9.5 x 5 cm



code	price
BBPDRCUP	£15.72

## Dirty Rigger Radio Pouch

Radio pouch with elasticated sides that will fit most handheld radios. Open top and corners for easy access and maximum audio output/reception. With Velcro loops on the back for attaching to belts or chest rigs up to 60 mm wide.



code	price
BBPDRRP	£14.69

## Dirty Rigger Truss Pin Bag

This handy Truss Pin Bag has a 2 L pocket for Truss Pins and a second 0.5 L pocket for all your retaining pins, great for keeping them separate with an open top for easy access. Comes assembled with an adjustable waist belt so won't weigh down your pockets! Additionally includes:

- ✓ Hammer Holder
- ✓ Tape Measure Holder
- ✓ 2 x Pen Slots
- ✓ Mini Business card sized pocket

Made using 80% recycled materials, the equivalent of 6 plastic water bottles. Adjusts to waist sizes 23" - 42".



code	price
BBPDRTPB	£19.99

## PowerLine™ 18 Pocket Electrician's Tool Pouch

Constructed of double layered 1,000 denier Cordura nylon. Exceptional resistance to abrasion, punctures, and tearing. Double nylon stitched and rivet reinforced for extra durability. Oversized pockets and reinforced bottom for extra carrying capacity, as well as durability. Heavy-duty nylon webbing. No break-in period; fits comfortably round the body, making it easy to wear for everyday use. Lightweight, comfortable, soft, pliable and washable. 18 pockets to carry an assortment of tools and accessories. Chain tape thong. Fits belts up to 79 mm wide.



code	int width	height	int depth	price
BBP5719	300mm	180mm	140mm	£59.95

## Klein Bull Pin and Bolt Bag

Made from super strong No 4 canvas. Holds a large quantity of bolts. Two long loops will each hold a bull pin. See the leather Bull Pin Holder. For podgers visit Podgertropolis [from page 338].



code	width	height	depth	price
BBP5416T	229mm	254mm	127mm	£25.00

## Bull Pins

Forged, heat-treated broad Bull Pins or "drifts" now also available with tethering points.



code	weight	length	top ø	tapers to tip ø	price
TOL3255	2kg	349mm	32mm	8mm	£31.80
TOL3256	2kg	254mm	27mm	6mm	£29.50
TOL3255TT	2kg	349mm	32mm	8mm	£32.50
TOL3256TT	2kg	254mm	27mm	6mm	£36.45

## Klein Bolt Bag for Working at Height

This bolt bag is specifically designed for working at height. The two D-rings on the front of the pouch and the four on the inside provide plenty of space to connect tethers for your tools or pins. There's also a buckle to keep the top closed and two long loops which each hold a bull pin. For tool tethers see page 357.

Fits belts up to 76 mm wide.



code	width	height	depth	price
BBP5416OCTO	229mm	229mm	127mm	£27.00



## Single Pocket Nail Pouch

This simple strong leather pouch can be used in conjunction with our belts to provide a place for bolts, nuts and loose fittings. Double stitched and rivet reinforced. 5-year guarantee.  
Fits belts up to 80 mm wide.



code	width	height	price
FAINPI	235mm	180mm	£17.81

## Genius Simple Bag

A time saver. The rigid opening quickly snaps shut using the "clac clac" system holding all your contents safe inside while a magnetic plate allows for temporary storage outside the pocket. Attaches to your belt using the eyelet. See page 205 for Karabiners.



code	width	height	price
BBPBSACG	230mm	300mm	£18.75

## Tool Bag with Zipper Base

This bag has a drawstring top. It can be attached to your belt and is the right size for small tools. With a zipped compartment in the base, belt loop and buckle. PVC-coated polyester.



code	volume	height	diameter	price
SAFLSB03ZB	3L	270mm	55mm	£57.46

## CANVAS BUCKETS

### Klein Black Chain Bucket

A deep strong leather bottomed bucket with No. 1 canvas walls widely used for chain falls. The leather extends 75 mm up the sides. Complete with polypropylene rope handle and swivel snap.

Chain Capacity: 40 m. Snap Swivel Max Load: 68 kg. Weight: 2 kg.



code	height	diameter	price
BBP015	430mm	300mm	£89.00

### Klein Oval Bucket with 15 Interior Pockets

A better shaped bucket for hauling tools up towers and ladders.

- ✓ No. 6 canvas
- ✓ Tripod suspension for greater stability
- ✓ Fitted with swivel snap hook
- ✓ Strong black moulded polypropylene base
- ✓ Ideal for Tallscopes



code	max width	max height	max depth	price
BBP5144S	356mm	254mm	177mm	£92.90

## OTHER BAGS

### Petzl Rope Bucket Bag

Simple and durable, the BUCKET bag allows the user to store a rope and any associated gear. It remains upright and keeps its shape, even when empty, for easy access to the contents of the bag. Bag remains upright and has an exterior folding lid system that allows easy access to the contents of the bag.

- ✓ Now stylish Black!
- ✓ External pocket for personal effects with zip
- ✓ Transparent external window for displaying an equipment identification card
- ✓ Two large, comfortable carrying handles
- ✓ Adjustable shoulder straps, so it can be carried on the back
- ✓ Interior loop can be used as attachment point for rope
- ✓ Coated fabric bottom for durability in difficult environments and for longevity of the bag
- ✓ Waterproof fabric
- ✓ Available in 30 L or 45 L capacity

code	volume	price
PETS001CA01	30L	£51.00
PETS001CA02	45L	£65.00

