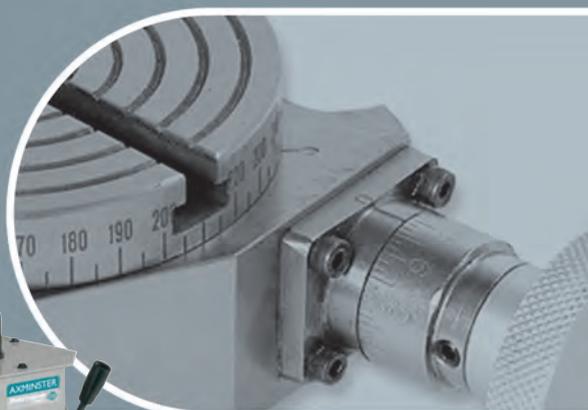


Engineering Tools & Machinery



Micro Mills

PROXXON

For full range of Proxxon engineering please visit axminster.co.uk/proxxon

Proxxon BFW 40/E Mill/Drill System

With controller for speeds of 900 - 6,000rpm. The triple ball bearing armature provides direct drive (no gearing). This yields virtually vibration-free operation and extremely high spindle accuracy. Aluminium die-cast head with spindle neck of 43mm (European standard). Remainder of casing is fibreglass reinforced nylon. Large, easy to use switch with emergency function. Chart indicates optimum speeds for milling and drilling of various materials.

Technical Data:

Control unit with full wave electronics for 230V, 40VDC secondary voltage. Power consumption up to max. 250W. Spindle speed infinitely variable between 900 and 6,000rpm. **Complete with triple slit, hardened collets covering 2.35, 3.0, 3.2, 4.0, 5.0 and 6.0mm, as well as spanners. Weight 4.2kg. N.B. The motor operates at 40V, supplied from the power pack/controller. At this level, the control characteristics are ideal and yield high torque, even at lower speeds.** (The compound table, drill stand and clamps are not included).



Shown with optional stand, compound table and clamp set.

	Inc.vat	Ex.vat	Code
BFW 40/E Mill/Drill System 230V	£174.95	£145.79	474330
BFB 2000 Mill/Drill Stand	£189.95	£158.29	474364

Comparison Chart - Micro Mills

Model	BFW 40/E	SX1
Rating	Hobby	Model Engineer
Power	250W	150W
Spindle Speed	900 - 6,000rpm	Variable 100-1,000 & 100-2,000rpm
Spindle Taper	-	2MT
Nose of Spindle to Table (Max)	-	255mm
Head Tilt	-	45° 0° 45°R
Longitudinal Table Movement	-	180mm
Lateral Table Movement	-	90mm
Throat	-	140mm
Table Size	-	240 x 145mm
Overall L x W x H	-	430 x 355 x 715mm
Weight	4.2kg	40kg

Accessories

Proxxon Dividing Head

This Dividing Head can be used to drill off-set holes and to mill off-set slots, rectangles, hex shapes, etc. A scale on the housing enables high accuracy divisions. It includes a chuck with reversible jaws, which is able to clamp 1.5 - 32mm internally and 12 - 65mm externally. The 11mm bore allows the passage of longer workpieces when it is used in the horizontal position. It features fixing holes for horizontal & vertical assembly. Suitable for use with the Proxxon MICRO Miller MF 70 and Compound Table KT 70. Size 72 x 64 x 38mm, supplied in wooden box with sliding lid.



	Inc.vat	Ex.vat	Code
Dividing Head	£99.95	£83.29	474592



AXMINSTER
Model Engineer
SERIES

NEW!



Axminster Model Engineer Series SX1 Micro Mill

The SX1 Micro Mill is a two function machine, operating either as a vertical mill or as a small pillar drill. The work can be either clamped directly onto the table with the aid of 8mm T-nuts, studs and clamping bars, or held in a suitable machine vice and then moved under the rotating milling cutter using the traversing controls on the table. There is a choice of coarse handle feed of the quill for drilling or fine screw control for precise setting of the milling cutter depth. The column can be tilted by up to 45° either side of vertical for angled machining. The choice of two spindle speed ranges, both with electrically variable control, gives considerable freedom in cutter diameter and material type. Although small in size, this machine, with its predominantly cast iron construction, is man enough to tackle a whole range of small tasks in the home model engineer's workshop and is an excellent companion to the micro lathe. **It is supplied with 10mm capacity chuck, chuck key, drawbar and service tools.**

Drawbar thread is M10.

	Inc.vat	Ex.vat	Code
Model Engineer Series SX1 Micro-Mill	£434.94	£362.45	505098
8mm Clamping Kit	£49.94	£41.62	100033



Proxxon KT 150 Aluminium Die-cast Compound Table

With precision milled dovetail slides, this is also suitable for metal work. For routing, milling, slotting of steel, non-ferrous metal, plastic and wood. Each slide provided with locking screws. Dovetail fittings/gib strips adjustable to eliminate play. Feed adjustments by means of 2 hand wheels with adjustable, graduated dials (one graduation = 0.05mm, 1 revolution = 2mm). Machined table, 3 T-slots for fastening machine vices and clamping kits. Fence supplied with pre-drilled positioning holes, including 45°, fastenings screws and clamp used for routing. Table 200 x 200mm. Max. travel 150 x 150mm. Overall height 75mm. Weight 4.9 kg.

	Inc.vat	Ex.vat	Code
KT 150 Aluminium Table	£189.95	£158.29	474334

Proxxon Step Clamp Set

Consists of 2 step blocks and 2 clamps, 2 nuts, 2 T-slot nuts. Secures objects to approx. 35mm high. Supplied in a wooden box.



	Inc.vat	Ex.vat	Code
Step Clamp Set	£36.95	£30.79	475173



Axminster Single Bench Station

A very useful unit with a varnished, heavy duty plywood top which can be used as a workbench, storage unit or machinery stand. This single station has a 25mm thick top which measures 515 x 840mm, a lockable cupboard with two shelves, one of which is of variable height and a recommended maximum load of 150kg. It is made from sheet steel. Overall height 870mm.



	Inc.vat	Ex.vat	Code
Bench Station - 840mm	£94.94	£79.12	501047



AXMINSTER
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3
AXMINSTER 3 YEAR
THREE YEAR GUARANTEE

Accessories



Axminster 75mm Rotary Table

This neat little rotary table, with a diameter of 75mm, can be used for a variety of milling, drilling and marking out operations in the home engineer's workshop. There are four tee slots for securing the work, faces machined at right angles for horizontal and vertical mounting and 7mm slots for securing to the machine table. The indexing handle, which rotates once for every ten degrees of table rotation, is subdivided in degrees and quarter degrees. The centre height when mounted vertically is 40mm. Supplied with work clamping kit.

	Inc.vat	Ex.vat	Code
75mm Rotary Table	£62.94	£52.45	200246



Axminster 100mm Rotary Table

A 100mm diameter rotary table equipped with four tee slots and faces at right angles to allow for either horizontal or vertical mounting on the mill table. The control wheel movement is calibrated down to five minutes per graduation, so some really precise work is possible. A tailstock for horizontal work, an 80mm four jaw chuck and tilting table for angled drilling and milling are also available separately. Height 60mm, centre height 52mm. Perfect for smaller work on most milling machines.

	Inc.vat	Ex.vat	Code
Rotary Table 100mm	£94.94	£79.12	100061
100061 Rotary Table Tailstock	£34.94	£29.12	200250
Chuck for 100mm Rotary Table	£64.94	£54.12	600827



Tailstock for 100mm Rotary Table

This tailstock is used in conjunction with the 100mm Rotary Table (100061), mounted vertically, to allow longer items to be mounted horizontally for machining or marking out. A suitable mounting for a centre, or for a chuck, on the rotary table will need to be provided. The tailstock has an adjustable centre height of between 38 to 86mm and the centre holder is reversible. Base size is 55 x 117mm and there are 11mm wide slots at the two ends for securing to the machine table.

	Inc.vat	Ex.vat	Code
100061 Rotary Table Tailstock	£34.94	£29.12	200250



4 Jaw, 80mm Chuck for 100mm Rotary Table

A nicely made, 80mm, 4 jaw independent chuck with a 100mm alloy back plate, suitable for mounting on the 100mm rotary table. Supplied with internal and external jaws and a set of 4 mounting bolts with 10mm square nuts for "T" slots. A fine accessory for the rotary table, solving many mounting problems.

	Inc.vat	Ex.vat	Code
Chuck for 100mm Rotary Table	£64.94	£54.12	600827

NEW!

Axminster Model Engineer Series SX2 Mini Mill

A fine, high precision mill/drilling machine, an ideal companion to the SC2 lathe. Constructed in cast iron with a finely ground table with 12mm T slots, and ground and hardened slideways. The milling head and column can tilt to 45° left or right for compound angle milling or drilling. The ample power comes from a high torque, brushless 500W DC motor with variable speed, giving a spindle speed range of 100 - 2,500rpm. It also has a notably quiet running spindle belt drive system. The spindle has an internal 3MT bore to enable a large range of tooling to be used. The headstock quill has a fine downfeed control feature for milling and a rack and pinion downfeed system for drilling. A gas support strut holds the headstock in position. The table leadscrews are covered for protection against swarf and debris. There is a connection port on the headstock for the optional digital spindle speed display panel. Supplied with a drill chuck and arbor, safety guard, tools and three drawbars 10mm, 12mm, 3/8 Whitworth. This is a superb, small mill for the model engineer or school use.

	Inc.vat	Ex.vat	Code
Model Engineer Series SX2 Mini-Mill	£684.95	£570.79	505099
SIEG SC2/SX2 Spindle Speed Read-out	£119.94	£99.95	211957

Specification	
Model	SX2
Rating	Model Engineer
Power	500W
Spindle Speed	100 - 2,500rpm
Spindle Taper	3MT
Nose of Spindle to Table (Max)	280mm
Head Tilt	45°L 0° 45°R
Longitudinal Table Movement	220mm
Lateral Table Movement	100mm
Throat	170mm
Table Size	390 x 100mm
Overall L x W x H	520 x 500 x 760mm
Weight	50kg



Axminster SIEG SC2/SX2 Spindle Speed Read-out



This is a digital read-out of the spindle speed, suitable for the SC2 and SX2 machines only. Self powered, it plugs into the provided socket and has magnets on the rear to allow placement on the headstock where convenient. Allows accurate setting of the spindle speed and takes the guesswork from your machining.

	Inc.vat	Ex.vat	Code
SIEG SC2/SX2 Spindle Speed Read-out	£119.94	£99.95	211957



Micro Mill Clamping Kit

This very useful set of studs, clamps and spacers will considerably ease the job of clamping awkward shaped components onto the milling table, lathe faceplate or rotary table. The contents include four each T nuts, studs, nuts and stud joiners, two each of long clamp bars, short clamp bars and two lengths of support block. The clamp arms and blocks are stepped so that different heights of component can be accommodated. The T nuts are 8mm wide at the top, 13mm wide at the bottom and 10mm high.

	Inc.vat	Ex.vat	Code
8mm Clamping Kit	£49.94	£41.62	100033

Milling Machines



Axminster Engineer Series XN2 Mill Drill

A fine compact milling machine of innovative design, made from heavy grey cast iron for vibration free operation. The unique travelling column gives a more compact size and superior stability. An advanced, high torque 500W brushless motor gives a variable spindle speed of between 50 and 2,500rpm, monitored by a digital display. Left hand spindle rotation and a tapping function are standard, plus the head tilts up to 45° either way for inclined work. The large table is precision machined with adjustable dovetail guides. Standard equipment includes: control panel with digital display, micro adjustable spindle downfeed with digital read out, 1-13mm keyless chuck with MT2 arbor, 10mm drawbar, drilling and milling guard and tool tray. This is a very modern design of machine that will appeal to engineers who will appreciate the high standard of construction and precision offered by this machine.

	Inc.vat	Ex.vat	Code
Engineer Series XN2 Mill Drill	£1,399.94	£1,166.62	505103
SIEG X2 Super Mill Floor Stand	£267.95	£223.29	600859
8mm Clamping Kit	£49.94	£41.62	100033



Axminster Engineer Series SX3 Mill Drill

The SX3 is a more advanced mill/drill with the added benefits of a tilting head, digital spindle speed, downfeed read-outs and a thread tapping facility. It is a compact and well-made machine which is ideal for the experienced model engineer or a small engineering workshop, and is used for courses in our Skill Centre. The rectangular cast iron column, equipped with dovetail guides for the milling head, is a very substantial section and guarantees accurate, chatter-free performance. One excellent feature of this mill is the positioning of the vertical feed control wheel - on the base where it is easily to hand. On the SX3 the coarse adjustment is made with this control wheel whilst the fine feed is carried out via a wheel on the head itself. The control wheels are smooth in operation and the scales are graduated in steps of 0.02mm, allowing for some very precise machining. The machine is supplied with a 1-13mm drill chuck, ER32 collet holder and there is a 3MT in the quill for fitting milling chucks or other items of tooling. Accessories available are a cabinet stand with shelves and lockable door, and a kit of clamps, nuts, studs and spacers for clamping the work to the table. The SX3-DIGI has the added benefit of a twin axis Digital Read Out system for the table position. This creates an extra level of accuracy coupled with ease of control. This system allows some quite complex calculations to be carried out on screen rather than the usual oily piece of paper.

	Inc.vat	Ex.vat	Code
Engineer Series SX3 Mill Drill	£1,699.96	£1,416.63	505105
Engineer Series SX3 Mill Drill DIGI	£2,299.94	£1,916.62	505106
Cabinet Stand	£259.94	£216.62	210114
12mm Clamp Kit	£44.94	£37.45	951675



Axminster Engineer Series SX4 Mill Drill

The largest machine in our SIEG range has all the features required to take on the most demanding projects. Made almost entirely of cast iron with a dovetail column for huge strength and rigidity, the SX4 is fitted with a high torque 1,500W brushless DC motor with electronic variable speed. The spindle has an R8 taper and a speed range of 100-1,600rpm. There are digital displays for spindle speed, spindle height and head angle for ease of machine setting. The headstock is fitted with power elevation, meaning no more vigorous hand cranking. It can also tilt 90° right and 45° left. A neat touch is the digital headstock angle indicator, so no more messing around with a protractor here! A fine downfeed control for milling and a coarse feed for drilling are fitted. There are switch controls on the handles for thread tapping. All motor controls are grouped on the headstock for ease of use. The table is massively constructed, with a ground surface and a coolant trough with a drain outlet. An optional Y axis power feed which brings a higher standard of finish and a sturdy floor stand are available. This machine is a much better choice than the more usual round column designs, far more accurate and able to undertake complex projects. The SX4-DIGI has the added benefit of a twin axis Digital Read Out system for the table position. This removes the calculation of cutting dimensions from being that quick mental "guess", transforming it into a precision cut for the perfect finish.

	Inc.vat	Ex.vat	Code
Engineer Series SX4 Mill Drill	£3,199.94	£2,666.62	505107
Engineer Series SX4 Mill Drill DIGI	£3,699.95	£3,083.29	505108
SIEG SX4 Floor Stand	£429.95	£358.29	953506

Comparison Chart - Milling Machines

Model	XN2	SIEG SX3	SX4
Rating	Engineer	Engineer	Engineer
Power	500W (230V)	1,000W (230V)	1,500W (230V)
Spindle Speed	50 - 2,500rpm	100-1,750rpm	100-1,600rpm
Spindle Taper	2MT	3MT	R8
Nose of Spindle to Table (Max)	320mm	380mm	400mm
Head Tilt	45°L 0° 45°R	0° 90°R	45°L 0° 90°R
Longitudinal Table Movement	250mm	400mm	410mm
Lateral Table Movement	160mm	145mm	245mm
Table Size	180mm	550 x 160mm	240 x 820mm
Base Size	130 x 500mm	340 x 430 mm	-
Overall L x W x H	610 x 610 x 780mm	685 x 560 x 830mm	1,060 x 835 x 1,080mm
Weight	127kg	165kg	310kg



Axminster Engineer Series SU1 Universal Mill

This is a different type of mill, able to work either vertically or horizontally. Horizontal mills excel at making linear cuts such as slots, shoulders, grooves, splines, keyways and gear teeth. This machine is compact yet powerful. It is fitted with the proven 500W DC brushless motor and electronic control from the SX2 mill which gives very high torque, even at the lowest spindle speed. Belt driven and extremely quiet, the belt serving as a shock absorber in the event of a mishap. In vertical mode, the headstock is held in a sliding overhead arm, which allows the spindle to be placed over the bed to the required positions. The headstock also tilts 45° left or right. The spindle has a speed range of 200-2,000rpm. Unusually, the table has a vertical rise and fall, allowing ample clearance under the spindle. The table surface is precision ground and has 12mm T-slots. To change from vertical to horizontal mode takes around 2 minutes and an arbor is provided to take slotting cutters etc. All sliding faces are dovetailed and adjustable for accuracy, ensuring a long life. For the model engineer who needs to take advantage of the horizontal milling facility this machine could be invaluable.

	Inc.vat	Ex.vat	Code
Engineer Series SU1 Universal Mill	£999.95	£833.29	505104
SIEG SU1 Floor Stand	£299.94	£249.95	953499
SIEG SU1 63 x 3mm Milling Cutter	£15.44	£12.87	953501
SIEG SU1 50 x 4mm Milling Cutter	£19.44	£16.20	953502
SIEG SU1 Module 1 Gear Cutter	£35.94	£29.95	953503
SIEG SU1 Module 1.25 Gear Cutter	£35.94	£29.95	953504
12mm Clamp Kit	£44.94	£37.45	951675

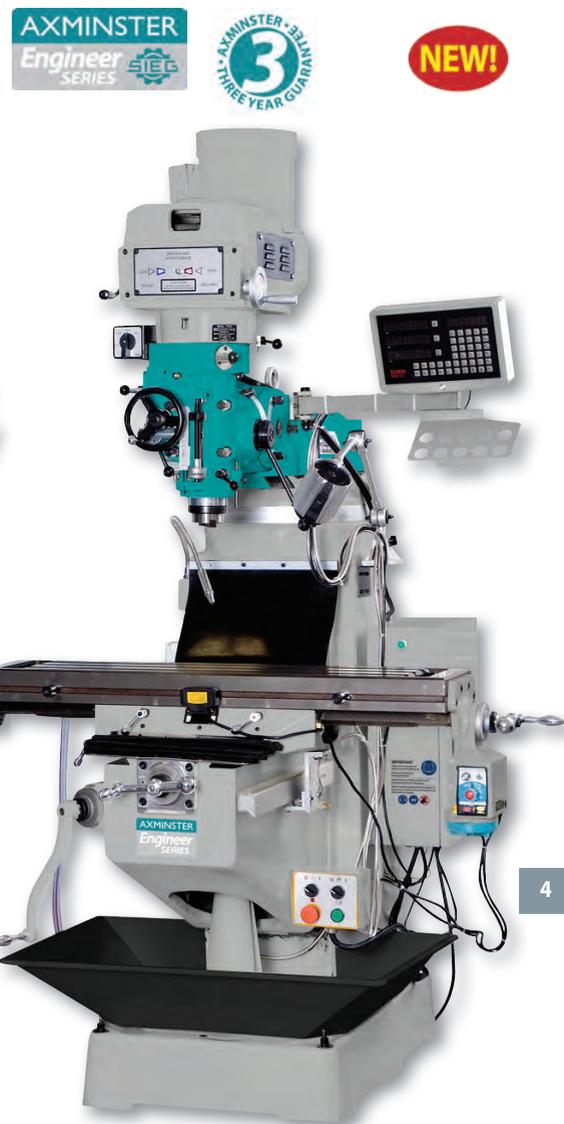


Axminster Engineer Series ZX30M Mill Drill

This rugged and well made machine with good capacities and plenty of power is a good choice for the serious home engineer, school D & T department or small professional workshop. The belt driven head provides a useful range of 12 speeds, 100-2,080 rpm and is quiet in operation. The head can be re-positioned on the column with the aid of a handle driven rack and pinion drive; fine height control is achieved by a low geared control wheel, whilst the drilling downfeed is achieved with the 3-arm control wheel on the right of the head. The fine downfeed control can be locked firmly in position when milling and the mill also features an easy-to-read inboard depth stop. End mill mounting can be either by individual finger collets, the ER collet system or the auto locking milling chuck, all of which are detailed under the Collets section. The table has three 14mm T-slots to allow the mounting of work directly or in a milling vice, and is positioned with two large diameter control wheels with metric calibrations for the horizontal axis. There are two moveable stops to control the traverse length of travel and the table can be locked into position in either axis. It is supplied with a 13mm drill chuck and arbor, ER32 collet holder, tools and interlocked chuck guard. The ZX30M can be mounted either on a solidly made bench (please note the weight of 270kg!) or on our custom-made floor stand. This stand is made of heavy duty steel sheet and measures 795mm high, 580mm wide and 750mm deep. Another useful accessory is the power feed unit (700095), which can be fitted to the left hand end of the table to provide a smooth variable speed drive to the traverse travel.

Please note: the ZX30M Mill is graduated METRIC only.

	Inc.vat	Ex.vat	Code
Engineer Series ZX30M Mill Drill	£999.95	£833.29	505109
16mm Clamp Kit	£52.94	£44.12	340148
ZX30M Floor Stand	£199.94	£166.62	700094



Axminster Engineer Series X6323A Turret Mill

This is a well specified turret milling machine suited to the small production workshop or engineering facility. It features variable spindle speeds, 3-axis digital read-out (DRO), X axis powerfeed, 3-stage auto quill feed and an ISO30 spindle. This machine is mainly manufactured from cast iron which provides great rigidity and stability under maximum loads. Ground and hardened slideways guarantee accuracy and are adjustable to accommodate any settling in or wear. The ability to swivel the headstock over 90° and pivot it through 45° gives great flexibility in use. The standard 3-axis DRO makes it much easier to machine to a high level of accuracy. This coupled with the variable spindle speed and quick change ISO30 tooling all adds up to a very comprehensive machine, great value for the engineering tuition environment or small production workshop.

	Inc.vat	Ex.vat	Code
Engineer Series X6323A Turret Mill	£5,249.94	£4,374.95	505110

Comparison Chart - Milling Machines

Model	SU1	ZX30M	X6323A
Rating	Engineer	Engineer	Engineer
Power	500W (230V)	1.5kW (230V)	2.2KW (415V, 3ph)
Spindle Speed	200-2,000rpm	12 from 100 - 2080rpm	65-4,500 rpm variable
Spindle Taper	MT3	3MT	ISO30
Nose of Spindle to Table (Max)	150mm	475mm	415mm
Head Tilt	45°L 0° 45°R	-	45°
Longitudinal Table Movement	300mm	175mm	650mm
Lateral Table Movement	92mm	500mm	305mm
Table Size	460 x 120mm	730 x 210mm	1,067 x 230mm
Overall L x W x H	594 x 740 x 596mm	1,095 x 1,010 x 1,125mm	1,600 x 2,156 x 2,060
Weight	95kg	270kg	1,000kg

Power Feeds



Axminster SIEG SU1 Power Feed



This is an almost essential accessory for the Axminster SIEG SU1 Universal Mill. Giving complete control over the speed of cut by powering the X axis of the table ensures a consistent quality of finish not easily achievable by hand control. Especially useful when carrying out repetitive cuts on a large workpiece, or when a high quality final cut is required. Position stops control the travel of the table to any position, and a fast traverse control quickly moves the table to the desired starting point. Simple to fit and powered by a standard 230V three pin plug, so no wiring is required.

	Inc.vat	Ex.vat	Code
SIEG SU1 Power Feed	£289.94	£241.62	953507



Axminster SIEG X3 & X4 Power Feeds



This is an almost essential accessory for the Axminster SIEG X3 mills. Giving complete control over the speed of cut by powering the X axis of the table ensures a consistent quality of finish not easily achievable by hand control. Especially useful when carrying out repetitive cuts on a large workpiece, or when a high quality final cut is required. Position stops control the travel of the table to any position, and a fast traverse control quickly moves the table to the desired starting point. Simple to fit and powered by a standard 230V three pin plug, so no wiring is required.

	Inc.vat	Ex.vat	Code
SIEG X3 Power Feed	£289.94	£241.62	950689
SIEG SX4 Power Feed	£289.94	£241.62	953500

Axminster ZX Series Power Feed



A very useful power feed system for the X axis to provide a smooth, variable speed drive to the traverse of the table. This will enable control of the cut finish to a much greater extent than achievable by hand. With simple controls for left/right movement, auto stop in any position on the table provided by movable stops, overload protection and a fast traverse button giving 40" per min speed. Simple to fit and powered by a standard 230V three pin plug, so no wiring is required. **N.B. For ZX series mills only.**

	Inc.vat	Ex.vat	Code
ZX Series Power Feed	£219.95	£183.29	700095

APF500 Y Axis Powerfeed for X6323A Universal Mill



APF500 Y Axis powerfeed for X6323A universal mill. Gives a controlled feed speed to the Y axis for a better finish to the work.

	Inc.vat	Ex.vat	Code
APF500 Y Axis Powerfeed	£379.94	£316.62	211935

Clamps & Vices

T Slot Clamp Kit for Mills

A milling vice is wonderful for clamping work which is true, square, parallel etc. but when it comes to odd shaped items like castings then the only answer is to clamp it. This very useful piece of equipment consists of 24 studs (4 each 3", 4", 5", 6", 7" and 8"), 6 T nuts, 4 coupling nuts, 6 flange nuts, 6 step clamps and 6 step blocks. All parts are heat treated, black oxide finished and accommodated in a wall mounting steel rack. Will suit most common machines please refer to the T slots dimensions of your machine.



	Inc.vat	Ex.vat	Code
12mm Clamp Kit	£44.94	£37.45	951675
14mm Clamp Kit	£46.94	£39.12	211588
16mm Clamp Kit	£52.94	£44.12	340148
18mm Clamp Kit	£69.95	£58.29	211589

Proxxon Step Clamp Set

Consists of 2 step blocks and 2 clamps, 2 nuts, 2 T-slot nuts. Secures objects to approx. 35mm high. Supplied in a wooden box.



	Inc.vat	Ex.vat	Code
Step Clamp Set	£36.95	£30.79	475173

Accu-Lock Machine Vice

An excellent general purpose milling vice with hardened and ground steel jaws. The vice is carried on a swivel base but, may also be mounted directly onto the machine table if desired. The jaw plates can be fitted at either end of both the static and moving jaws, providing variation for clamping width capacity.



	Inc.vat	Ex.vat	Code
Machine Vice 4"	£72.95	£60.79	953004
Machine Vice 5"	£89.94	£74.95	953005

Mill/Drill Vice 100mm (4")

This is an excellent entry level vice for drill press and light duty milling. This vice is carried on a swivel base which allows 360° rotation. The 100mm jaws with a 75mm capacity allow for most light drilling and milling operations. The base of the vice has two 10mm wide slots allowing the vice to be fitted squarely to the table of the machine.



	Inc.vat	Ex.vat	Code
Mill/Drill Vice	£51.95	£43.29	953006

Micro Mill Clamping Kit

This very useful set of studs, clamps and spacers will considerably ease the job of clamping awkward shaped components onto the milling table, lathe faceplate or rotary table. The contents include four each T nuts, studs, nuts and stud joiners, two each of long clamp bars, short clamp bars and two lengths of support block. The clamp arms and blocks are stepped so that different heights of component can be accommodated. The T nuts are 8mm wide at the top, 13mm wide at the bottom and 10mm high.



	Inc.vat	Ex.vat	Code
8mm Clamping Kit	£49.94	£41.62	100033

Axminster SIEG X2 100mm Vice

A sturdy quick release vice with 100mm jaw width.



	Inc.vat	Ex.vat	Code
X2 100mm Vice	£66.55	£55.46	600547

Axminster Super Precision Machine Vices

High quality, precision machine vices for use on drill presses, mills and other similar machines. Bodies are made from close grained high tensile seasoned cast iron and have a scratch and rust resistant finish. The jaws, made from steel hardened to 55+/-3 HRC and ground with a parallelism of 0.0012" (30 microns), hold the workpiece dead square for perfect results. The vice bodies rotate horizontally 360° against a scale and can be locked securely in the set position. Two slots for securing the vice to the machine table as well as a slot milled across the base to assist in accurate location. Bodies are de-mountable from the circular bases. Available in three jaw sizes - 50mm wide by 25mm deep with 50mm opening, 75mm wide by 33mm deep with 75mm opening, 100mm wide by 38mm deep with 100mm opening. Precision work holding and absolutely superb!



	Inc.vat	Ex.vat	Code
Machine Vice 50mm	£74.94	£62.45	220094
Machine Vice 75mm	£99.95	£83.29	951565
Machine Vice 100mm	£139.94	£116.62	220095

Work Benches

Axminster Multi-Purpose Workshop Bench

The top of this bench is 1,530mm long by 655mm wide with a removable aluminium checker-plate surface. Beneath the checker-plate is 40mm thick solid plywood top. This type of top offers durability, toughness and ensures it will remain flat. Two rubber mats are also included to protect the top from heavy toolboxes, or protect workpieces. The frame and legs are heavy gauge steel U-channel 40 x 80mm cross section. The working height of 850mm gives you clear storage space underneath the bench 775mm high. The solidity and versatility of this bench means it's a most useful addition in any workshop or garage. Delivered flat packed and is easy to assemble. Max load 300kg.



Wooden Top



Rubber Top



Metal Top

	Inc.vat	Ex.vat	Code
Multi-Purpose Workshop Bench	£199.94	£166.62	950942





Axminster 75mm Rotary Table

- Vertical and horizontal mounting
- Tee slots for securing work
- Wheel marked in degrees and quarter degrees

	Inc.vat	Ex.vat	Code
75mm Rotary Table	£62.94	£52.45	200246



Axminster 100mm Rotary Table

- Horizontal or vertical mounting
- Four tee slots for mounting work
- Control wheel movement calibrated down to five minutes per graduation

	Inc.vat	Ex.vat	Code
Rotary Table 100mm	£94.94	£79.12	100061
100061 Rotary Table Tailstock	£34.94	£29.12	200250
Chuck for 100mm Rotary Table	£64.94	£54.12	600827



Axminster Deluxe 110mm Rotary Table

- Deluxe rotary table for small milling machines
- 2 MT arbor location
- 90:1 reduction gives precise adjustment
- Tailstock and indexing plates available

	Inc.vat	Ex.vat	Code
110mm Rotary Table	£99.95	£83.29	200247
Deluxe 110mm Rotary Table, Tailstock & Indexing Plates	£189.95	£158.29	718877

Indexing Plates for Rotary Tables

These indexing plates are used in conjunction with both the Axminster 100189 and 200247 rotary tables to enable the table to be rotated by an exact fraction of a complete turn, a particular requirement when machining gears, sprockets, etc. on a vertical mill. There are three indexing plates in the set which together provide all the subdivisions up to 50 (although 28 and 44 carry very small errors). There are a further 26 subdivisions available between 51 and 100 plus others above 100. The spring loaded index pin locates positively in the holes in the index plates and the two brass setting plates help to keep count of the number of holes moved by the pin.

	Inc.vat	Ex.vat	Code
Indexing Plates	£44.40	£37.00	200248

Axminster Rotary Table Tailstock

A substantially made tailstock with centre height adjustable over the range 80 to 110mm, suitable for use with Axminster 100189 and 200247 rotary tables. The base size is 130 x 95mm and there are 15mm wide slots at the two ends for securing it to the machine table.



	Inc.vat	Ex.vat	Code
Axminster Rotary Table Tailstock	£46.94	£39.12	200251

Axminster 150mm Rotary Table

- 150mm(6") diameter
- Four 11mm(7/16") radial T slots
- No 2 Morse taper centre sleeve
- Horizontal or vertical mounting
- Centre height 100mm(3.94") when vertical
- Table height 83mm(3.27") when horizontal
- 90:1 reduction wormgear

The 150mm rotary table is also available in a package with the tailstock and indexing plates.

	Inc.vat	Ex.vat	Code
Rotary Table 150mm	£139.94	£116.62	100189
150mm Rotary Table, Tailstock & Indexing Plates	£229.96	£191.63	718878

Axminster 200mm Rotary Table

- 200mm(8") diameter
- Three 12mm radial T slots
- No 3 Morse taper centre sleeve
- Horizontal or vertical mounting
- Centre height 135mm(5.20") when vertical
- Table height 130mm(5.18") when horizontal
- 90:1 reduction wormgear

	Inc.vat	Ex.vat	Code
Rotary Table 200mm	£174.95	£145.79	211556

Axminster 200mm Dividing Plates

This set of indexing plates is for the Axminster 211556 Rotary Table and allows much more complex machining tasks to be carried out. Ideal for cutting gears, machining polygonal spindles, drilling holes equal distance around a circle etc on a vertical mill. Indexing of 2-100 divisions can be carried out easily and accurately. Simply fitted in minutes, this accessory will greatly enhance the use of the rotary table.

	Inc.vat	Ex.vat	Code
Indexing Plates 200mm	£57.95	£48.29	211557

Axminster Tailstock for 200mm Rotary Table

A very heavy duty tailstock especially suited to the 211556 200mm Rotary Table. The centre height is variable between 103 and 166mm. It can also be tilted to accommodate various machining operations. The centre itself can be rotated within the housing to present a different angle to the workpiece. The base size is 185 x 140mm and there are 15mm fastening slots in each end to secure it to the machine table.



	Inc.vat	Ex.vat	Code
Tailstock for 200mm Rotary Table	£57.95	£48.29	211558



Axminster Precision Collets

These end mill collets have the unique ability to grip over a diameter range of 1mm without any loss of accuracy. This flexibility means that fewer collets need to be stocked, making them a more economical proposition when compared to other collet-based systems. An additional benefit is that there is no requirement for a separate imperial listing; a 1/4" end mill, for example, will fit into the 7.00mm to 6.00mm collet. Our range covers the ER20, ER25 and ER32 sizes together with their respective morse taper or R8 holders. Collet nuts are available separately, ideal for customers wishing to make their own holding devices or spindles. ER20 and ER25 collet holders have M10 threads and the ER32 has an M12 thread.

ER20 Precision Collets

	Inc.vat	Ex.vat	Code
3.0mm - 2.0mm	£8.94	£7.45	910205
4.0mm - 3.0mm	£8.94	£7.45	910206
5.0mm - 4.0mm	£8.94	£7.45	910207
6.1mm - 5.0mm	£8.94	£7.45	951823
7.0mm - 6.0mm	£8.94	£7.45	910209
8.0mm - 7.0mm	£8.94	£7.45	910210
9.0mm - 8.0mm	£8.94	£7.45	910211
10.0mm - 9.0mm	£8.94	£7.45	910212
11.0mm - 10.0mm	£8.94	£7.45	910213
12.0mm - 11.0mm	£8.94	£7.45	910214
13.0mm - 12.0mm	£8.94	£7.45	910215
Set 1.0mm-13mm Collets	£94.94	£79.12	910204
2MT ER20 Collet Holder	£26.94	£22.45	910250
Nut for ER20 Collet Holder	£7.94	£6.62	910254

ER25 Precision Collets

	Inc.vat	Ex.vat	Code
3.0mm - 2.0mm	£9.44	£7.87	910217
4.0mm - 3.0mm	£9.44	£7.87	910218
5.0mm - 4.0mm	£9.44	£7.87	910219
6.0mm - 5.0mm	£9.44	£7.87	910220
7.0mm - 6.0mm	£9.44	£7.87	910221
8.0mm - 7.0mm	£9.44	£7.87	910222
10.0mm - 9.0mm	£9.44	£7.87	910224
11.0mm - 10.0mm	£9.44	£7.87	910225
12.0mm - 11.0mm	£9.44	£7.87	910226
13.0mm - 12.0mm	£9.44	£7.87	910227
14.0mm - 13.0mm	£9.44	£7.87	910228
15.0mm - 14.0mm	£9.44	£7.87	910229
16.0mm - 15.0mm	£9.44	£7.87	910230
Set 1.5mm - 16mm	£109.94	£91.62	910216
2MT ER25 Collet Holder	£26.94	£22.45	910251
Nut for ER25 Collet Holder	£7.94	£6.62	910255
Wrench	£8.45	£7.04	501973

ER32 Precision Collets

	Inc.vat	Ex.vat	Code
3.0mm - 2.0mm	£9.95	£8.29	910233
4.0mm - 3.0mm	£9.95	£8.29	910234
5.0mm - 4.0mm	£9.95	£8.29	910235
6.0mm - 5.0mm	£9.95	£8.29	910236
7.0mm - 6.0mm	£9.95	£8.29	910237
8.0mm - 7.0mm	£9.95	£8.29	910238
9.0mm - 8.0mm	£9.95	£8.29	910239
10.0mm - 9.0mm	£9.95	£8.29	910240
11.0mm - 10.0mm	£9.95	£8.29	910241
12.0mm - 11.0mm	£9.95	£8.29	910242
13.0mm - 12.0mm	£9.95	£8.29	910243
14.0mm - 13.0mm	£9.95	£8.29	910244
15.0mm - 14.0mm	£9.95	£8.29	910245
16.0mm - 15.0mm	£9.95	£8.29	910246
17.0mm - 16.0mm	£9.95	£8.29	910247
18.0mm - 17.0mm	£9.95	£8.29	910248
20.0mm - 19.0mm	£9.95	£8.29	910249
Collet Set 3mm-19mm	£134.94	£112.45	910232
3MT ER32 Collet Holder	£28.94	£24.12	910252
R8 ER32 Collet Holder	£28.94	£24.12	910231
ISO30-ER32 Milling Chuck	£134.95	£112.46	211901
Nut for ER32 Collet Holder	£9.44	£7.87	910256
Wrench	£7.04	£5.87	910257

Slot Drills

Ig2 3-Fluted Carbide Slot Drill Set

NEW!



- 3-fluted carbide slot drills for efficient cutting for longer
- For use with ER collet system
- 6 piece set includes 3, 4, 5, 6, 8 and 10mm slot cutters

	Inc.vat	Ex.vat	Code
Carbide Slot Drill Set	£58.94	£49.12	504852



Ig2 3-Fluted Carbide Slot Drills

A 3-fluted slot drill gives you more control when cutting than a 2-fluted one. The extra cutting edge also allows the cutter to be used at a slower speed and, as this is a carbide cutter, it stays sharper for longer. Depending on the material, coolant is essential for quality of cut and life of cutter. Sizes available: 3, 4, 5, 6, 8, 10 and 12mm.

	Inc.vat	Ex.vat	Code
Carbide Slot Drills - 3mm	£10.94	£9.12	504854
Carbide Slot Drills - 4mm	£13.44	£11.20	504855
Carbide Slot Drills - 5mm	£15.74	£13.12	504856
Carbide Slot Drills - 6mm	£16.34	£13.62	504857
Carbide Slot Drills - 8mm	£19.94	£16.62	504858
Carbide Slot Drills - 10mm	£31.94	£26.62	504859
Carbide Slot Drills - 12mm	£37.44	£31.20	504860
Carbide Slot Drill Set	£58.94	£49.12	504852

Ig2 4-Fluted Carbide End Mill Set

NEW!



This carbide set of end mills comes in a screwed plastic case. Being carbide, they last longer than standard high speed steel (HSS) cutters and produce an excellent finish. Carbide cutters like to be worked hard and, depending on the material, coolant is essential for quality of cut and life of cutter. The set contains 3, 4, 5, 6, 8 and 10mm cutters. Please note: these cutters are designed to be held in an ER collet system.

	Inc.vat	Ex.vat	Code
Carbide End Mill Set	£58.94	£49.12	504853



Ig2 4-Fluted Carbide End Mills

These end mills are made from carbide; they last longer than standard high speed steel (HSS) cutters and produce an excellent finish. Carbide cutters like to be worked hard and, depending on the material, coolant is essential for quality of cut and life of cutter. They are available in 3, 4, 5, 6, 8, 10, 12 and 16mm. Please note: these cutters are designed to be held in an ER collet system.

	Inc.vat	Ex.vat	Code
Carbide End Mill - 3mm	£10.94	£9.12	504861
Carbide End Mill - 4mm	£13.44	£11.20	504862
Carbide End Mill - 5mm	£15.74	£13.12	504863
Carbide End Mill - 6mm	£16.34	£13.62	504864
Carbide End Mill - 8mm	£20.24	£16.87	504865
Carbide End Mill - 10mm	£31.94	£26.62	504866
Carbide End Mill - 12mm	£36.95	£30.79	504867
Carbide End Mill - 16mm	£67.94	£56.62	504868

Chucks, Boring Bars, Boring Heads & Arbors



50mm(2") Boring Head

This precision boring head is the perfect tool for boring out very accurate holes on a vertical mill or indeed a lathe. The combination of five different sized boring bars and three mounting holes gives a wide range of boring capacities; for example a bar mounted in the central hole will bore from 9mm diameter upwards by 38mm long, whilst a bar in the side hole will bore up to 100mm diameter by about 60mm deep. The movable part of the head can be adjusted down to 0.0005" (0.0127mm) with the aid of the calibrated adjusting screw and a hexagon key. Two mounting arbors are supplied, 2MT and 3MT, both with 3/8" Whitworth drawbar threads. The whole kit is housed in a wooden box. Very useful and excellent value for money. Takes 1/2" shank tools. A set of TCT tipped tooling is available, set number 201000.

	Inc.vat	Ex.vat	Code
50mm Boring Head	£67.94	£56.62	100060

Glanze



Replaceable Tip 1/2" Shank Boring Bars

A set of four boring bars with replaceable TCT tips for use in our adjustable 50mm boring head (100060) or the Medium Quick Release Tool Post Set (700371). The bodies are 0.5" in diameter and have either 2 or 4 flats 0.43" across. There is a range of lengths and diameters to suit a range of boring operations.

	Inc.vat	Ex.vat	Code
Boring Bar Set	£94.94	£79.12	201000
CCMT06 Replacement Tip	£4.96	£4.13	201001
TCMT Replacement Tip	£4.74	£3.95	201002
Spare Torx M2.5 Screw	£2.84	£2.37	201019
T8 Torx Key	£2.45	£2.04	201020



Stub Arbor

An exceptionally useful arbor with the Morse taper ground and hardened and a 3/8" Whitworth draw bar thread in the tail. The parallel stub is soft which enables it to be machined to suit any special application on a lathe or milling machine. (Stub 1" diameter x 1.1/2" long). 2 morse taper.

	Inc.vat	Ex.vat	Code
2MT Stub Arbor 3/8" Whit	£4.94	£4.12	340307



Fly Cutter Holder Set

A set of three counter balanced fly cutter holders, all with 1/2" shanks, and taking 3/16", 1/4" and 5/16" square tool bits, secured with two grub screws. Outside diameters are 3/4", 1.1/8" and 1.1/2" respectively. Toolbits are supplied separately.

	Inc.vat	Ex.vat	Code
Fly Cutter Set	£13.94	£11.62	410491
3/16" Square x 3" 5% Cobalt Tool Steel	£2.94	£2.45	900366
1/4" Square x 4" 5% Cobalt Tool Steel	£4.74	£3.95	900362
5/16" Square x 4" 5% Cobalt Tool Steel	£5.45	£4.54	900369



Universal Slitting Saw Arbor

Based on a 1/2" parallel shank, this multi-stepped arbor may be used for the mounting of slitting saws with bore sizes of 5/8", 3/4", 7/8" and 1" with a maximum thickness of up to 3/16". Recommended maximum saw diameter is 4". The arbor may be mounted either into a standard collet chuck or any other suitable method of holding a parallel shank. At the end of the parallel shank is a flat which ensures that if a grub screw is used to fix the shank in place it will not raise a burr and lock the arbor into the fitting. The unit is supplied complete with hexagon key.

	Inc.vat	Ex.vat	Code
Slitting Saw Arbor	£7.25	£6.04	810262



Metric Slitting Saw Arbor

Based on a 12mm parallel shank, this multi-stepped arbor may be used for the mounting of slitting saws with bore sizes of 16, 22 and 27mm with a maximum thickness of up to 6mm. Recommended maximum saw diameter is 100mm. The arbor may be mounted either into a standard collet chuck or any other suitable method of holding a parallel shank. On the parallel shank is a flat which ensures that if a grub screw is used to fix the shank in place it will not raise a burr and lock the arbor into the fitting. The unit is supplied complete with hexagon key.

	Inc.vat	Ex.vat	Code
Slitting Saw Arbor - 12mm Shank	£7.25	£6.04	953411



Glanze

Glanze 22mm Milling Arbor 3MT

This is a useful 22mm milling arbor by Glanze for cutters with a key way or driving slot to DIN 138. Manufactured from hardened and ground high quality steel. Perfect for use with slotting cutters, and is also supplied with an adaptor for the 951773 face mill cutter set. The 3MT version has a 12mm thread and the R8 has 7/16" UNF.

	Inc.vat	Ex.vat	Code
22mm Milling Arbor 3MT	£31.94	£26.62	951772
22mm Milling Arbor R8	£36.95	£30.79	501972



HSS Slitting Saws

A selection of high speed steel slitting saw blades in various sizes & bores. Please note: 2" diameter blades have 100 teeth, 2.1/2" diameter blades have 62 teeth & 3" diameter blades have 74 teeth.

100 teeth. 2" diameter. 5/8" bore

	Inc.vat	Ex.vat	Code
2" x 1/64" x 5/8" T100	£2.15	£1.79	510179
2" x 1/32" x 5/8" T100	£2.15	£1.79	510178
2" x 3/64" x 5/8" T100	£2.15	£1.79	510181
2" x 1/16" x 5/8" T100	£2.34	£1.95	510177
2" x 1/8" x 5/8" T100	£2.24	£1.87	510180

62 teeth. 2 1/2" diameter. 1" bore

	Inc.vat	Ex.vat	Code
2.1/2" x 1/32" x 1" T62	£2.75	£2.29	510183
2.1/2" x 3/64" x 1" T62	£2.64	£2.20	510186
2.1/2" x 1/16" x 1" T62	£2.75	£2.29	510182

74 teeth. 3" diameter. 1" bore

	Inc.vat	Ex.vat	Code
3" x 1/64" x 1" T74	£3.54	£2.95	510189
3" x 1/32" x 1" T74	£3.84	£3.20	510188
3" x 3/64" x 1" T74	£3.65	£3.04	510191
3" x 1/16" x 1" T74	£4.55	£3.79	510187
3" x 1/8" x 1" T74	£6.14	£5.12	510190



Metric HSS Slitting Saws

A selection of accurate, high quality high speed steel (HSS) slitting saw blades, with a flat chisel edge. Available in two diameters and in various widths. Best suited for use in a mill, but can be used in a lathe when the workpiece is held in a vertical vice/slide. Please note: 100mm diameter blades have 100 teeth, 63mm diameter blades have 90 teeth. All saw blades are 22mm bore.

90 teeth. 63mm diameter. 22mm bore

	Inc.vat	Ex.vat	Code
HSS Slitting Saw 63 x 22 x 1.0mm	£8.75	£7.29	951697
HSS Slitting Saw 63 x 22 x 1.5mm	£8.94	£7.45	951698
HSS Slitting Saw 63 x 22 x 2.0mm	£9.44	£7.87	951699
HSS Slitting Saw 63 x 22 x 3.0mm	£10.44	£8.70	951700
HSS Slitting Saw 63 x 22 x 4.0mm	£11.45	£9.54	953401
HSS Slitting Saw 63 x 22 x 5.0mm	£11.94	£9.95	953402
HSS Slitting Saw 63 x 22 x 6.0mm	£13.44	£11.20	953403

100 teeth. 100mm diameter. 22mm bore

	Inc.vat	Ex.vat	Code
HSS Slitting Saw 100 x 22 x 1.0mm	£14.45	£12.04	953404
HSS Slitting Saw 100 x 22 x 1.5mm	£15.44	£12.87	953405
HSS Slitting Saw 100 x 22 x 2.0mm	£19.94	£16.62	953406
HSS Slitting Saw 100 x 22 x 3.0mm	£21.44	£17.87	953407
HSS Slitting Saw 100 x 22 x 4.0mm	£23.94	£19.95	953408
HSS Slitting Saw 100 x 22 x 5.0mm	£26.94	£22.45	953409
HSS Slitting Saw 100 x 22 x 6.0mm	£29.94	£24.95	953410

Millina Arbors

	Inc.vat	Ex.vat	Code
22mm Milling Arbor 3MT	£31.94	£26.62	951772
22mm Milling Arbor R8	£36.95	£30.79	501972

HSS Slitting Saw Kit



A set of three accurate, high quality high speed steel (HSS) 1.3/4" slitting saw blades, with a flat chisel edge. Supplied complete with a 3/8" pin type mounting arbor. The widths are 1/32", 1/16" and 3/32". Best suited for use in a mill, but can be used in a lathe when the workpiece is held in a vertical vice/slide.

	Inc.vat	Ex.vat	Code
HSS Slitting Saw Kit	£24.95	£20.79	953412

Axminster SIEG SU1 Milling Cutter 63 x 3mm



A 63 x 3mm milling cutter with a 16mm bore. Used for horizontal milling of slots, grooves, keyways etc on the SU1 milling machine.

	Inc.vat	Ex.vat	Code
SIEG SU1 63 x 3mm Milling Cutter	£15.44	£12.87	953501

Axminster SIEG SU1 Milling Cutter 50 x 4mm



A 50 x 4mm milling cutter with a 16mm bore. Used for horizontal milling of slots, grooves, keyways etc on the SU1 milling machine.

	Inc.vat	Ex.vat	Code
SIEG SU1 50 x 4mm Milling Cutter	£19.44	£16.20	953502

Axminster SIEG SU1 Module Gear Cutter

Module 1 gear cutter for the SU1 milling machine. Has a 20mm bore. Used for gear teeth cutting.

	Inc.vat	Ex.vat	Code
SIEG SU1 Module 1 Gear Cutter	£35.94	£29.95	953503
SIEG SU1 Module 1.25 Gear Cutter	£35.94	£29.95	953504

3M Safety Over Spectacles

- Wear over prescription specs or on their own
- Comfortable, with a lightweight frame
- Impact resistant
- Wide field of vision
- Moulded side shields and brow guard



	Inc.vat	Ex.vat	Code
Safety Over Spectacles	£2.24	£1.87	503878



Glanze 50mm Diameter Face Mill Cutter

50mm diameter Glanze Face Mill Cutter complete with 5 top quality carbide inserts (APKT1604, code 951774) plus Torx key. Supplied in a handy fitted carry case.

	Inc.vat	Ex.vat	Code
50mm Face Mill Cutter	£124.94	£104.12	951773
22mm Milling Arbor 3MT	£31.94	£26.62	951772
Spare Torx M2.5 Screw	£2.84	£2.37	201019
T8 Torx Key	£2.45	£2.04	201020
APKT1604 Carbide Insert	£10.44	£8.70	951774

PROXXON



Proxxon 4 Piece Milling Cutter Set (2 - 5mm)

All with 6mm shank. Consists of cutters 2, 3, 4, and 5mm diameter. Double fluted, to DIN327. HSS. Supplied in wooden box.

	Inc.vat	Ex.vat	Code
Milling Cutter Set (4 pce)	£51.95	£43.29	474926

PROXXON



Proxxon 4 Piece Milling Cutter Set (6 - 10mm)

Consists of cutters 6, 7, 8 and 10mm diameter. Four flute, to DIN 844. 6mm cutter has 6mm shank, 7mm, 8mm, and 10mm cutters have 10mm shank. HSS. Supplied in wooden box.

	Inc.vat	Ex.vat	Code
Milling Cutter Set (6 - 10mm)	£51.95	£43.29	474927

PROXXON



Proxxon 3 Piece Tungsten Milling Cutter Set

These double flute cutters are made of solid tungsten, clockwise cutting. The fishtail profile ensures cutting to the centre, allowing boring too. Usable on cast iron, hardened cast iron, steel, cast steel, brass, aluminium, and even glass, plastics and carbon fibre. One each of shaft dia. 1.0 - 2.0 and 3.0 mm. Supplied in a wooden box with sliding lid.

	Inc.vat	Ex.vat	Code
Milling Cutter Set	£20.94	£17.45	327116

Mills & Adaptors

Glanze



Glanze Replaceable Tip End Mills

A range of three Glanze end mills with replaceable high quality titanium nitride tipped tungsten carbide tips, giving an excellent finish coupled with long tool life. The parallel shanks will fit into either the ER Collet system or the Morse Taper Finger Collets. The 16mm end mill takes two tips, the others have one tip. In all cases the shank diameter is the same as the cutter diameter. Includes carbide tips.

	Inc.vat	Ex.vat	Code
10mm End Mill	£34.96	£29.13	718996
12mm End Mill	£34.96	£29.13	718997
16mm End Mill	£44.95	£37.46	718998
APKT1003 Replacement Tip	£5.64	£4.70	201018
Spare Torx M2.5 Screw	£2.84	£2.37	201019
T8 Torx Key	£2.45	£2.04	201020

Glanze



Glanze 25mm Indexable End Mill

A 25mm diameter 2MT shank indexable end mill. With three high quality carbide inserts (TRAN1603, code 951770). Drawbar thread size 10mm. Hardened and ground high quality steel. Suitable for all materials.

	Inc.vat	Ex.vat	Code
25mm Indexable End Mill	£52.94	£44.12	951769
TRAN1603 TCT Insert	£7.25	£6.04	951770



Open End Adaptor MT2-MT3

Allows MT2 tooling to be used with an MT3 milling spindle. Supplied with release nut.

	Inc.vat	Ex.vat	Code
Open End Adaptor MT2-MT3	£8.45	£7.04	501971



Axminster R8 To 3MT Adaptor

An R8 spindle adaptor allowing 3MT tooling to be used.

	Inc.vat	Ex.vat	Code
R8 To 3MT Adaptor	£19.44	£16.20	501974

Edge Finders & Parallels

Electronic Edge Finders

Basically a precision engineered 'torch' that can be mounted in the tool holder of a milling machine. When the circuit between the main body of the tool and the 'probe ball end' is completed, using the normal metal to metal connectivity of the machine between the quill and a metal workpiece, a bright indicator light, housed in the body of the tool is turned on. The 'probe ball end' is a precise 10mm diameter, concentric with the axis of the tool holder, so the 'touched edge' can be calculated as plus or minus 5mm from that point. The height of the work face can also be measured. Available with a 20mm parallel shank for use with collet holders or chucks, the edge finders provide a quick, accurate and trouble free method of establishing location data.

	Inc.vat	Ex.vat	Code
Edge Finder Parallel Shank 20mm	£42.95	£35.79	700070
Heavy duty 12V Alkaline battery	£3.65	£3.04	700080



Proxxon Edge Finder Set

The edge finder is used for the fast and accurate location of starting point of workpieces with respect to the machine spindle on milling machines. This set contains two pieces: one 6mm x 6mm x 50mm and the other 6mm x 5mm x 75mm. They are neatly packed in a wooden storage box.

	Inc.vat	Ex.vat	Code
Edge Finder Set	£27.44	£22.87	475537



Ground Steel Parallels

Set of seven pairs of steel parallels, made from high grade alloy steel, case hardened to 58-62 HRC, ground on all four sides in matched pairs. Indispensable for setting up on mill, surface grinders, shapers as well as for inspection and layout work. Total parallelism over 150mm is 0.002mm. Supplied in a storage case. Sizes available within set are 3mm x 10mm, 3mm x 12mm, 4mm x 14mm, 6mm x 18mm, 6mm x 24mm, 8mm x 30mm and 8mm x 38mm. Overall length 95mm.

	Inc.vat	Ex.vat	Code
Set of 7 Pairs Steel Parallels	£56.94	£47.45	951771



PROXXON

Proxxon Parallel Set

These Parallels are primarily used to support a workpiece when clamping in a vice. They are made of high alloy, hardened steel and have accuracy to 0.002mm. This set consists of two each of 8 x 10, 15, 20, 25, 30, 35 and 40mm at 100mm in length. A neat wooden box protects these when they're not in use.

	Inc.vat	Ex.vat	Code
Parallel Set	£99.95	£83.29	953023

Ground Angle Plates

Manufactured from close grained cast iron these angle plates are precision ground on the faces and ends to give accurate results when marking out or machining.



	Inc.vat	Ex.vat	Code
50mm	£10.94	£9.12	800300
75mm	£13.44	£11.20	800301
100mm	£16.94	£14.12	800302

Vee Blocks



Toolmaker's Vee Block

A universal vee block for mounting circular items when machining or marking out. The clamp is slightly narrower than the block, allowing the block to be laid on its side for machining features at right angles to each other. There is an adjustable stop fitted to the clamp screw which can be positioned so that it rests on the machine table to give additional support when machining with the block on its side. There are holes tapped in the base and the sides of the block for securing to angle plates, faceplates or other fixtures. Overall sizes are 47mm wide, 47mm high and 88mm long and maximum diameter with the clamp is 32mm. The thread size is 3/8" Whitworth.

	Inc.vat	Ex.vat	Code
Toolmaker's Vee Block	£24.95	£20.79	200238



Axminster Vee Blocks and Clamps

Supplied in matched pairs these hardened and ground vee blocks are accurate enough for use in layout work and robust enough to be used in machining operations. Dimensions are: 37 x 37 x 50mm.

	Inc.vat	Ex.vat	Code
Pair of Vee Blocks	£22.94	£19.12	220100

PROXXON



Proxxon Pair of Precision V-Blocks

Used to clamp various workpieces. Made of hardened steel, precision ground in pairs. Four different depths of V, all at 90°. Size 50 x 30 x 30mm. The solid clamp and knurled knob ensure superb securing of the workpiece. Supplied in a wooden box with lid.

	Inc.vat	Ex.vat	Code
Precision V-Blocks	£37.94	£31.62	475267



Axminster Tool Makers Clamps

These clamps are extremely useful for work holding when drilling, tapping or other machining operations. Made from hardened, ground steel with parallel adjusting screws. The ends of the jaws are bevelled to allow clamping under shoulders or in recesses. No end of uses for both metal and woodworking crafts. 4 sizes available.

	Inc.vat	Ex.vat	Code
50mm	£3.74	£3.12	210335
63mm	£4.44	£3.70	210336
75mm	£5.24	£4.37	210337
100mm	£7.25	£6.04	210338

Vertical Milling in the Home Workshop

Arnold Throp

Small workshops, including those of model engineers, are making increasing use of small vertical milling machines. This book explains how to use them (and lathe milling attachments) in clear terms.



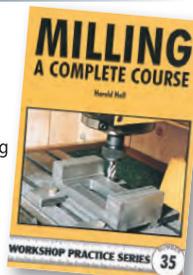
Zero vat Code
£7.95 910446

Book - Pb 93 pages

Milling - A Complete Course

Harold Hall

Designed as an introduction to the milling machine. The reader will find the projects described within the pages a useful way of extending their knowledge. All the projects are extensively illustrated and include full workshop drawings.



Zero vat Code
£7.95 462327

Book - Pb 144 pages



Our **Engineering Course** introduces students to the techniques required for either a small engineering lathe or engineer's mill.

Aimed at the complete beginner, the course will provide a step by step guide of how to set up and use either of these machines safely and constructively. A very popular course!

For information on our **Engineering Courses** please contact Vicky Turner on **0800 9751905** or visit **www.axminsterskillcentre.co.uk**



Axminster SIEG Coolant System

A stand-alone coolant pump system, suitable for a wide range of machines and processes requiring a good flow rate, coolant lubricant of 12 litres a minute from the 27 litre tank. Fully self contained and supplied with 2 metre delivery hose terminating in a 440mm stay put articulated delivery tube with magnetic base and flow adjustment tap. The maximum delivery head is 3 metres. The coolant is then returned to the tank via a separate 2 metre large diameter hose to enable a continual flow rate. Rugged construction with a footprint overall of 530 mm long, 300mm wide, 355mm high housing a 40W pump controlled by an NVR switch.

N.B. This is a universal system and requires a fitting to the machine for the return hose.

	Inc.vat	Ex.vat	Code
SIEG Water Cooling System	£182.94	£152.45	600567

Axminster Coolant System



The Axminster coolant system consists of a 9 litre coolant tank, single phase electric pump, delivery pipe and a flexible discharge pipe equipped with a magnetic base which makes for easy mounting. A stop cock is provided at the entry to the discharge pipe. The unit may be positioned inside the lathe cabinet, under the bench, or in fact wherever you like as long as you can top it up and clean it out occasionally. An optional safety NVR switch is available separately. The tank is 360mm long, 240mm deep and 170mm high and the overall height including the motor is 310mm.

	Inc.vat	Ex.vat	Code
Basic Coolant System	£99.95	£83.29	310220
NVR Switch	£15.95	£13.29	340181
Cutting Fluid 5 litres	£62.94	£52.45	952139

Coolant Delivery Tubes

A universal twin-tube coolant delivery tube system with magnetic base, separate stop cocks for each tube and a 1/4" BSP female inlet tapping. There is sufficient stiffness in the tubes to allow them to be positioned in almost any position. A suitable quick release 1/4" BSP male x fitting push-fit hose is also available.



	Inc.vat	Ex.vat	Code
Twin Coolant Tubes	£21.95	£18.29	900036
1/4" BSP Fitting	£1.34	£1.12	100313



Ambersil Tufcut Aqua Cutting Fluid



A premium quality multi-purpose water soluble cutting fluid, which is suitable for use in automated, machine fed, CNC or manual cutting metal working applications which require a drench applied fluid. As it is transparent the workpiece remains visible. Specially formulated to remain useable considerably longer than traditional fluids, it is suitable for most operations and with most common metals and alloys. Whilst rapidly removing swarf it will remain clean and allow increased cutting speeds. It contains cleaning and degreasing surfactants to help maintain tool cleanliness. The spout is cleverly stored in the side of the 5 litre container so there is no excuse for losing it. An average dilution rate (depending on what you are cutting) of 6% makes Tufcut Aqua economical to use too. Also available in a 300ml bottle making it more practical for the home user.

	Inc.vat	Ex.vat	Code
5 litre	£62.94	£52.45	952139
300ml	£8.24	£6.87	504741



Ambersil

Ambersil Tufcut Metal Cutting Compound



A high cling compound that adheres to tool pieces preventing wastage and throw off. Delivering excellent lubricating and heat reduction properties, it is a thick paste like compound which leaves a thick, tenacious lubricating film. Ready to use straight from the tin, it can be used on most metals but is particularly effective on steel. Eliminating chip welds Tufcut will also prolong tool life.

	Inc.vat	Ex.vat	Code
500g	£12.95	£10.79	952141



Ambersil

Ambersil Tufcut Metal Cutting Liquid



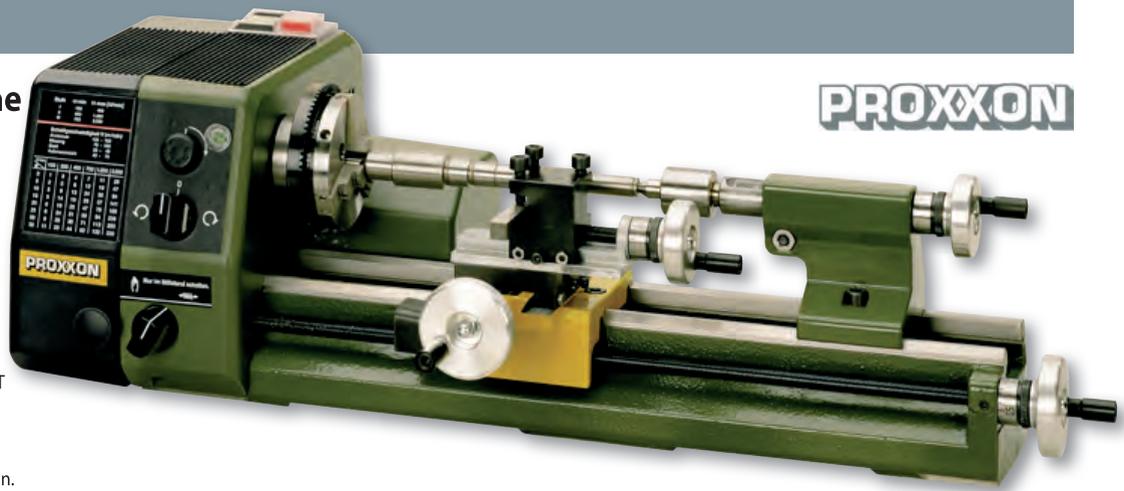
A ready to use concentrated metal cutting lubricant for machining metals and some composite materials. An advanced formulation means that this liquid provides exceptional heat dispersing and lubricating properties allowing an improved finished to the machined surface.

	Inc.vat	Ex.vat	Code
350ml	£16.44	£13.70	952142

Engineering Lathes

Proxxon PD 230/E Precision Lathe

A nice, small, high precision lathe, suitable for all metals and plastics. With a distance between centres of 230mm, a swing of 52mm and offering 28mm over the slide. Equipped with automatic feed, thread cutting facilities, headstock chuck, live centre and top slide for taper turning. Electronic speed control giving a spindle speed range from 100-3,000rpm with three belt speeds, plus the motor has forward and reverse rotation. The spindle runs in high precision ball bearings and offers an accuracy of 0.01mm without the chuck. It also has an internal bore of 10.5mm. The automatic feed offers 0.05 or 0.1 mm per revolution for a choice of cutting finishes. The tailstock has a 1MT internal bore with a spindle travel of 30mm. The standard three jaw chuck has a capacity of 2-25mm with the internal jaws, and 24-68mm on the external jaws. The hand wheels are fitted with zero adjustable scales with 40 divisions each of 0.025mm/division. The thread cutting facility covers the most important pitches of 0.5-0.625-0.7-0.75-0.8-1.0-1.25 & 1.5mm. The important item that ensures this high accuracy is a fine, grey cast iron bed with ground slideways ensuring minimal deflection of the cutter, even under high loads. This lathe weighs 13.5kg so is portable enough to be stored away when not in use. Many other accessories are available for this machine, such as a milling/drilling head, drip tray, stand etc. Made in Europe, this machine offers a lot extra over most other small machines available today.



PROXXON

Model	PD 230/E		
Power	150W		
Distance Between Centres	230mm		
Height Over Cross Slide	28mm		
Cross Slide Travel	60mm		
Weight	13.55kg		

	Inc.vat	Ex.vat	Code
Precision Lathe 230V	£849.95	£708.29	474049

PD230/E Accessories

4 Jaw Independent Chuck for PD 230/E

The 4 jaws are adjusted independently, thus clamping asymmetrical pieces, ovals, squares and odd shaped workpieces. 80mm capacity.



	Inc.vat	Ex.vat	Code
4 Jaw Independent Chuck	£179.94	£149.95	474335

Splash Guard & Chip Collecting Tray for PD 230/E

Lathe not included



Made from 1.5mm thick sheet metal, powder coated. Bevelled edges at the front and back allow easy cleaning. Mounting hole and raised base to secure lathe are pre-drilled. Length 495mm, width 215mm, height 150mm.

	Inc.vat	Ex.vat	Code
Guard & Chip Collecting Tray	£114.95	£95.79	474487

Centre Turning Attachment for PD 230/E

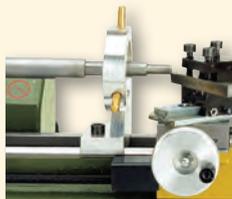
Used for highest accuracy with high rotational precision. One faceplate, 2 fixed 1MT (short) centres, and 1 drive dog are included. Supplied in a wooden box with sliding lid.



	Inc.vat	Ex.vat	Code
Centre Turning Attachment	£67.94	£56.62	474783

Fixed Steady for PD 230/E

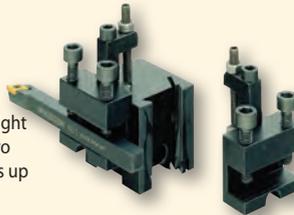
Used when turning long, slender pieces, capacity up to 40 mm. Also used when the tailstock cannot be utilised.



	Inc.vat	Ex.vat	Code
Fixed Steady	£49.94	£41.62	474968

Quick-Change Tool Post for PD 230/E

Easy to use. Enables quick tool changes and easy height adjustments. Including two tool holders for lathe tools up to 10 x 10mm.



	Inc.vat	Ex.vat	Code
Quick-change Tool Post	£89.94	£74.95	474591

Additional Quick-change Tool Holder for PD 230/E

For use with the PD 230/E Quick-change Tool Post.



	Inc.vat	Ex.vat	Code
Quick-change Tool Holder	£14.45	£12.04	476342

10mm Tailstock Chuck for PD 230/E

Industrial quality, Capacity to 10 mm, with key and 1MT for tailstock.



	Inc.vat	Ex.vat	Code
Tailstock Chuck	£32.94	£27.45	475337

Self-centring 3 Jaw Chuck

Self centring with reversible jaws. Capacity 2 - 68mm. Chuck body made of steel. Suitable for PD 230/E lathe and the dividing attachment TA 230



	Inc.vat	Ex.vat	Code
Proxxon 3 Jaw Chuck	£139.94	£116.62	474404

Lathe not included



PF 230 Mill/Drill Head

Set includes column (35 x 400mm), mounting bracket and bolts. The mounting position on the PD230/E is already milled. The lathe's top slide is replaced with the table (supplied) of 110 x 70mm, with 3 T-slots 12 x 6 x 6mm. The lathe now functions as a compound table, with X-Y travel being longitudinally and cross-wise respectively. The mill/drill head is identical to the micro FF230. Three collets of sizes 6, 8 and 10mm are included.

	Inc.vat	Ex.vat	Code
Mill/Drill Head	£624.95	£520.79	474062
Collet Set	£224.94	£187.45	474230

PD 230/E & PD 400 Accessories

Die Holder for PD 230/E & PD 400

The plain shaft fits the 10mm diameter holder mounted in the tailstock of either the PD 230/E or PD 400 lathes. The holder is held by hand while cutting the threads. For cutting male threads, supplied with six metric dies M3, M4, M5, M6, M8 and M10. Supplied in a wooden box.



	Inc.vat	Ex.vat	Code
Die Holder for PD230/E & PD400	£66.95	£55.79	474823

3 Piece Tooling Set with Tungsten Inserts

Three holders: Roughing out (8 x 8 x 70mm) Boring bar (8 x 8 x 90mm, holes from 12 mm) Longitudinal work (8 x 8 x 70mm) Standard tungsten inserts, 55°, plated. Suitable for Proxxon PD 230 lathe. Three additional inserts securing screw and key TX 8 are included. Supplied in a wood box with sliding lid.



	Inc.vat	Ex.vat	Code
Cutter Set with Tungsten Inserts	£129.95	£108.29	474432
Tungsten Disposable Tips (Pkt 10)	£53.94	£44.95	474896



Proxxon PD 400 Precision Lathe

Offers precision and versatility. Complete with 3 jaw chuck, live centre and thread cutting capability. The PD 400 lathe is unequalled in its class. Ideal for straight and cross cuts, taper turning, internal and external thread cutting slotting etc. Usable on materials such as steel, non-ferrous metals (aluminium, brass etc.). Negligible variances even under heavy loads. Ground and hardened beds of ribbed construction for highest precision and stability. The wide range of accessories complements the lathe's functions. The bed is equipped with a milled surface for securing mill/drill head PF 400.

Technical Data:

Centre distance 400mm, centre height 85mm. The swing over the top slide is 116mm. Solid, ribbed bed is made of quality cast iron with ground and hardened slideways. Oversized spindle with two adjustable taper bearings, 3MT taper and 20.5mm bore. Run-out, without chuck, 0.005mm. The precision 3 jaw chuck has a capacity of up to 100mm. Six spindle speeds are provided via belt drive: Level 1: 80 / 330 / 1,400rpm; Level 2: 160 / 660 / 2,800rpm. Powerful, quiet capacitor motor with 550W output. All adjusting wheels fitted with scales that may be zeroed. 1 division = 0.05mm. The auto feed has speed of 0.07 or 0.14mm/rev. An integrated gearbox with change gears provides 19 pitches: 0.2 - 0.25 - 0.3 - 0.35 - 0.4 - 0.45 - 0.5 - 0.6 - 0.7 - 0.75 - 0.8 - 0.9 - 1.0 - 1.25 - 1.50 - 1.75 - 2.0 - 2.5 - 3.0mm. Imperial threads of 10 - 48 TPI are also possible. A rotating centre 2MT and 10mm 2MT gear chuck are included. Cross slide travel 85mm and top slide 55mm. Swivels through 45° for taper turning. Tailstock with 2MT (short), spindle travel 40mm and a diameter of 24mm. Supplied with scale. Approx. size 900 x 400 x 300mm. Weight approx. 45kg. For cutters of 10 x 10mm.

Model	PD 400		
Rating	Trade		
Power	550W		
Spindle Speed	(6) 80 - 2,800rpm		
Taper Headstock	3MT		
Taper Tailstock	2MT		
Centre Height	85mm		
Distance Between Centres	400mm		
Height Over Cross Slide	58mm		
Cross Slide Travel	85mm		
Top Slide Travel	55mm		
Thread Pitch Range	0.2 - 3.0mm (10 - 48tpi)		
Overall L x W x H	900 x 400 x 300mm		
Weight	45kg		

	Inc.vat	Ex.vat	Code
PD 400 Lathe System 230V	£1,999.94	£1,666.62	474027

PD400/E Accessories

Individual Quick-Change Holder for PD 400

Fits the tool post of PD 400.



	Inc.vat	Ex.vat	Code
Quick-Change Holder	£15.95	£13.29	476211

Parting Tool Holder for PD 400 Quick-change Tool Post

Used in the PD 400 quick-change system. Used to part stock and cut slots. Supplied with 12 x 3 x 85mm HSS cobalt parting tool.



	Inc.vat	Ex.vat	Code
Parting Tool Holder & Tool	£34.94	£29.12	475316
Parting Tool Blade	£11.75	£9.79	476899

Radius Cutting Attachment

Usable on both the PD 230 and PD 400 Lathes. It is mounted on the cross slide in place of the turning cutter holder. For working steel (cutting depth up to 1.0 mm), non-ferrous metals, plastic. The radius cutting attachment makes it possible to turn radii or 3/4 spheres up to maximum of 32 mm. Complete with pointed turning cutter 8 x 8 x 80 mm. Cuts convex and concave shapes. Supplied in a wooden box with sliding lid.



	Inc.vat	Ex.vat	Code
Radius Cutting Attachment	£64.94	£54.12	474789

4 Jaw Independent Chuck

Used to mount irregularly and asymmetrically shaped objects. Each jaw is adjusted individually and centring is thus achieved manually. Hardened reversible jaws. Chuck diameter 100mm.



	Inc.vat	Ex.vat	Code
4 Jaw Independent Chuck	£199.94	£166.62	474232

4 Jaw Self-Centring Chuck

The four jaws are self-centring. High accuracy 100mm chuck.



	Inc.vat	Ex.vat	Code
4 Jaw Self-centring Chuck	£299.94	£249.95	474174



Lathe not included

PF 400 Mill/Drill Head

This unit is fitted to the lathe PD 400 which is supplied with a milled area for fixing this accessory. A slotted table of size 150 x 110mm is supplied, with three T-nuts. The table is fitted to the cross slide with two bolts. The cross slide thus replaces the cross table.

Technical Data:

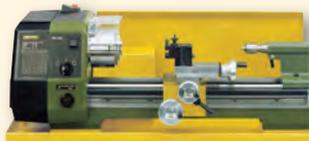
220 - 240V, 140W, 50-60Hz. Spindle revolutions 280 - 550 - 870 - 1,200 - 1,500 und 2,200rpm

	Inc.vat	Ex.vat	Code
PF 400 Mill/Drill Head	£999.95	£833.29	474045

Lathe not included

Splash Guard & Chip Collecting Tray for PD 400

Made from 1.25mm steel plate, powder coated. Cooling fluid and chips are collected by the tray. A welded cover protects the lathe motor. Slopes on the front and rear of the tray make it easy to clean. Mounting holes and raised base to secure the PD 400 are pre-drilled. Seeping through of coolant is impossible. Size: 800mm length x 270mm width x 290mm height.



	Inc.vat	Ex.vat	Code
Splash Guard & Chip Collecting Tray	£149.94	£124.95	474357

Faceplate & Clamps for PD 400

This accessory is used in the place of the standard chuck and mounts larger and asymmetrical workpieces. Diameter of 125mm, with two through T-slots, as well as mounting clamps.



	Inc.vat	Ex.vat	Code
Faceplate & Clamps	£229.94	£191.62	474233

Collet Set for PD 400

For accurate use on round components. One of each collet: 2.0, 3.0, 4.0, 5.0, 6.0, 8.0, 10 and 12mm are included. Concentric accuracy better than 0.2mm, much better than a chuck. One soft collet for making a custom size yourself. The included collet attachment is mounted in the place of the headstock chuck.



	Inc.vat	Ex.vat	Code
Collet Set for PD400	£334.94	£279.12	474129

Fixed Steady for PD 400

Used when turning long, slender work. Fitted directly to the bed and used when the tailstock support is inadequate. Maximum diameter is 50mm.



	Inc.vat	Ex.vat	Code
Fixed Steady	£69.95	£58.29	474790

Travelling Steady for PD 400

Fitted to the carriage of the lathe. Indispensable when turning long, slender pieces. For maximum diameter 50mm.



	Inc.vat	Ex.vat	Code
Travelling Steady	£54.95	£45.79	474923

Centre Turning Attachment for PD 400

Ideal when turning with highest possible accuracy. Supplied with 2 dead centres (2MT & 3MT), drive/faceplate with 30mm bore and 3 clamp screws, as well as reducing bushes 30/20mm and 30/15mm. A threaded drive pin rides in the slot.



	Inc.vat	Ex.vat	Code
Centre Turning Accessory	£74.94	£62.45	474706

10mm Chuck & Adaptor for PD 400

Precision quality. With 10mm adaptor which fits into the 10mm collet. Includes the chuck key.



	Inc.vat	Ex.vat	Code
10mm Chuck & Adaptor	£32.94	£27.45	475338

Model Engineering Lathes

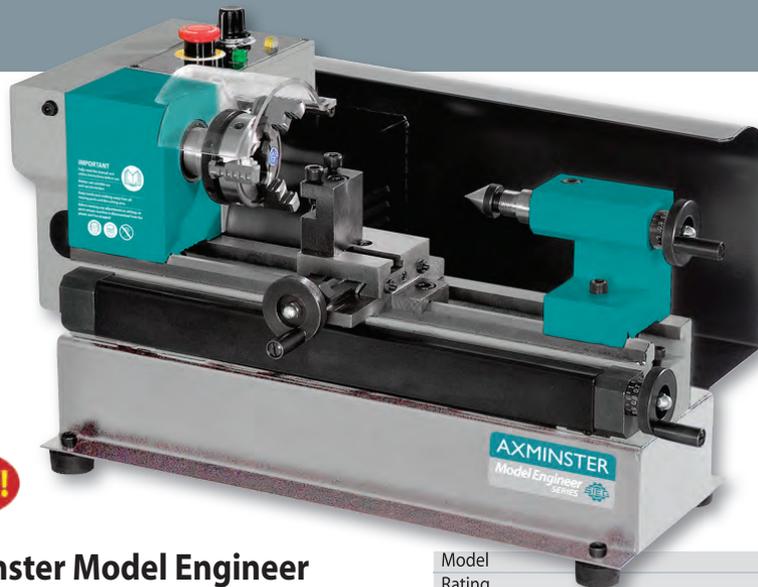


Proxxon FD 150/E Lathe

The Proxxon FD150/E is a compact metal working lathe for facing and longitudinal turning, boring, taper turning, parting and drilling. The high maximum speed (5000rpm) allows very small diameters to be machined. The lathe has an accurate bed made from cast aluminium and the spindle from diecast aluminium. It is run using a powerful, quiet running DC motor which has a two stage belt drive used in conjunction with an electronic speed control to achieve the full speed range (500-5000rpm). The main spindle runs with precision bearings and has a continuous bore of 8.5mm. A three jaw self-centring chuck is supplied with an inside jaw range of 1.5-32mm and 12-65mm outside. The tailstock comes with a live centre and has an MK0/short bore. There is a quick change tool post with the machine accepting 6mm tooling.

Model	FD 150/E
Rating	Hobby
Power	220W
Spindle Speed	500 - 5000rpm
Taper Tailstock	MK0/short bore
Distance Between Centres	150mm
Height Over Cross Slide	33mm
Cross Slide Travel	(X) 40mm, (Z) 60mm
Overall L x W x H	360 x 150 x 150mm
Weight	4.5kg

	Inc.vat	Ex.vat	Code
Lathe FD 150/E 24150	£459.95	£383.29	502015



NEW!

Axminster Model Engineer Series C0 Micro Lathe

A high quality, miniature metalworking lathe, constructed to a very high standard around a cast iron, hardened and ground bed. The spindle is powered by a 150W motor through a variable speed drive giving spindle speeds of 100-3,850rpm. With a swing of 110mm and 125mm between centres, this is an ideal machine for making small parts for models and integrating metal parts into woodturning projects etc. Weighing only 13kg, this is a very portable but capable machine. It is fitted with a 3-jaw self-centring chuck with reversible jaws, single tool post taking 8mm tooling, splash guard and interlocked chuck guard for safety. The spindle thread is 14 x 1mm and has a 10mm bore.

Model	SEIG C0
Rating	Model Engineer
Power	150W
Spindle Speed	100-3,850rpm
Taper Headstock	No (Straight bore)
Taper Tailstock	No (Straight bore)
Centre Height	55mm
Distance Between Centres	125mm
Height Over Cross Slide	58mm
Cross Slide Travel	50mm
Overall L x W x H	440 x 270 x 210mm
Weight	13kg

	Inc.vat	Ex.vat	Code
Model Engineer Series C0 Micro-Lathe	£289.96	£241.63	505100



FD 150/E Accessories

PROXXON

NEW!

Proxxon 6 Piece Cutting Tool Set

A 6 piece cutting tool set made of high quality cobalt HSS steel. One each of boring, roughing out, parting, finishing, right and left cutter. Size 6 x 6 x 60mm. Supplied in wooden box. For use with the FD 150/E Proxxon Lathe.

	Inc.vat	Ex.vat	Code
6 Piece Set 6 x 6 x 60mm	£53.94	£44.95	502016

PROXXON

NEW!

Proxxon ER 11 Collet Set

ER 11 Collet Set from Proxxon. 7 piece set includes 2.0, 2.5, 3.0, 4.0, 5.0, 6.0 and 7.0mm. Each collet can be reduced to 0.5mm under the nominal diameter. M16 x 1mm pitch clamping nut included. Suitable for the main spindle of the FD 150/E. Supplied in a wooden box.

	Inc.vat	Ex.vat	Code
Collet Set 2.0, 2.5, 3.0, 4.0, 6.0 and 7.0mm	£74.94	£62.45	502018

PROXXON

NEW!

Proxxon ROHM Drill Chuck For FD 150/E

This ROHM drill chuck for the tailstock of the Proxxon FD 150/E lathe is of industrial quality with high speed accuracy (approved up to 10,000rpm). It has a B 10 x MK 0/short bore.

	Inc.vat	Ex.vat	Code
ROHM Drill Chuck For FD 150/E	£23.94	£19.95	502017

SIEG C0 Accessories



SIEG C0 Steady Rest

An adjustable 3 prong steady for the C0 Lathe.

	Inc.vat	Ex.vat	Code
Steady Rest	£21.95	£18.29	600518



SIEG C0

Auto Feeder

A belt driven adaptor, to drive the carriage lead screw. Gives a better finish than can be achieved with the manual handle.



	Inc.vat	Ex.vat	Code
Auto Feeder	£30.44	£25.37	600519

SIEG C0 Woodturning Tool Rest

An adjustable 150mm tool rest for the use of woodturning chisels. Supplied with a 4 prong drive centre for wood.



	Inc.vat	Ex.vat	Code
Woodturning Tool Rest	£31.44	£26.20	600523



SIEG C0 Way Tool Post

Allows two cutting tools to be fitted at the same time.



	Inc.vat	Ex.vat	Code
2 Way Tool Rest	£13.44	£11.20	600521

SIEG C0 Revolving Tailstock Centre

Special tailstock centre for the C0 lathe only.



	Inc.vat	Ex.vat	Code
Revolving Centre	£17.45	£14.54	600522

SIEG C0 Face Plate

A 60mm faceplate to replace the chuck allowing irregular shaped items to be fitted. Three slots allow clamps to be used to secure the item.



	Inc.vat	Ex.vat	Code
Face Plate	£9.95	£8.29	600524

Tungsten Carbide Lathe Tool Sets

Two sets of good quality tungsten tipped turning tools in a variety of tip configurations and available with either 8mm or 12mm shanks. The 8mm set, contains 11 tools and the 12mm set contains 8 tools.



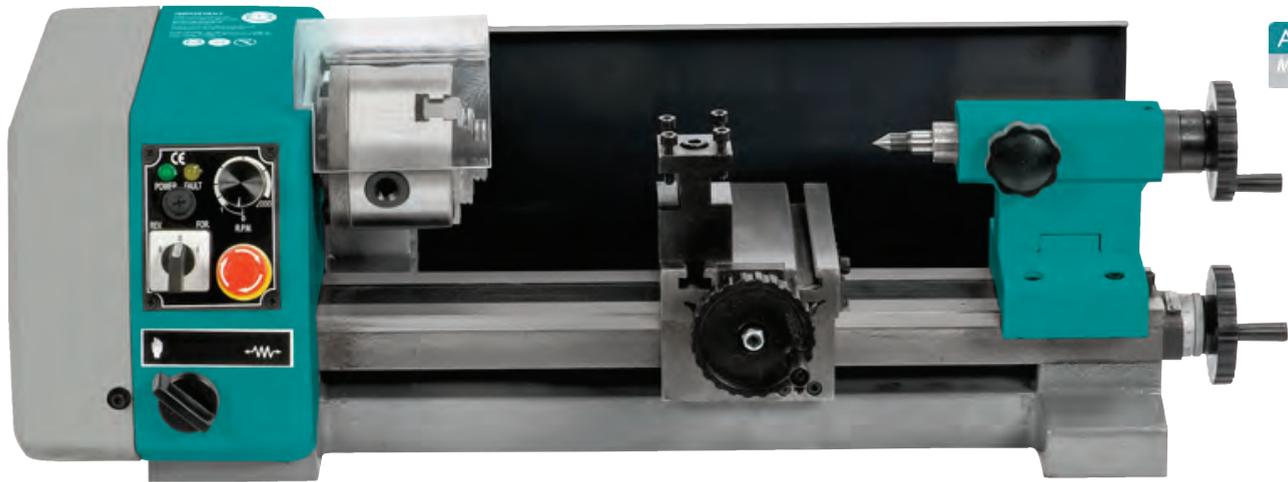
	Inc.vat	Ex.vat	Code
Turning Tool Set 8mm	£19.94	£16.62	536001
Turning Tool Set 12mm	£22.94	£19.12	536002

SIEG C0 Tailstock Chuck

A 8mm tailstock chuck with a special fitment for the C0 tailstock barrel. Allows small drill bits or milling cutters to be used.



	Inc.vat	Ex.vat	Code
Tailstock Chuck	£19.94	£16.62	600570



AXMINSTER
Model Engineer
SERIES

AXMINSTER 3 YEAR GUARANTEE

Axminster Model Engineer Series C1 Micro Lathe

Small in size yet packed full of features, this miniature lathe could provide the perfect introduction to those wanting to have a first try at metal turning. The machine is small enough to fit into the corner of a workshop and light enough to be truly portable. The construction is predominantly of cast iron and steel. The capacities, 140mm diameter and 250mm between centres, are surprisingly large for a machine of this overall size. Features of note are the electric variable speed control, manual or powered lead screw feed and an extensive range of accessories. The lathe comes supplied with 80mm diameter 3-jaw self-centring chuck, tailstock centre and service tools. Maximum tool shank size is 8mm. This micro lathe is the ideal entry level machine that will not burn a huge hole in your pocket

NEW!

	Inc.vat	Ex.vat	Code
Model Engineer Series C1 Micro-Lathe	£449.94	£374.95	505101

Model	SIEG C1 MICRO
Rating	Model Engineer
Power	150W
Spindle Speed	100-2,000rpm
Taper Headstock	2MT
Taper Tailstock	1MT
Centre Height	70mm
Distance Between Centres	250mm
Cross Slide Travel	50mm
Leadscrew Pitch	1.5mm
Thread Pitch Range	0.5, 0.7, 0.8, 1.0, 1.25mm (Change wheel set required)
Overall L x W x H	630 x 330 x 210mm
Weight	22kg



Axminster Single Bench Station

A very useful unit with a varnished, heavy duty plywood top which can be used as a workbench, storage unit or machinery stand. This single station has a 25mm thick top which measures 515 x 840mm, a lockable cupboard with two shelves, one of which is of variable height and a recommended maximum load of 150kg. It is made from sheet steel. Overall height 870mm.



	Inc.vat	Ex.vat	Code
Bench Station - 840mm	£94.94	£79.12	501047

SIEG C1 Accessories



SIEG C1 110mm Faceplate

Used in place of the chuck for mounting large and/or irregular shaped items onto the lathe. Four through slots and four T slots are provided for securing the work onto the faceplate.



	Inc.vat	Ex.vat	Code
110mm Faceplate	£34.94	£29.12	100025

SIEG C1 Thread Cutting Kit

The set of gears supplied with the Micro Lathe gives a slow feed screw speed for general turning work. This thread cutting kit contains seven additional gears, which give the option of a coarser leadscrew feed as well as a choice of five of the more common metric screw thread pitches.



	Inc.vat	Ex.vat	Code
Thread Cutting Kit	£13.94	£11.62	100030

SIEG C1 Hard Centres

Centres are used for the accurate location of work between the headstock and the tailstock. Two hard centres are available for the Micro Lathe: 2MT for the headstock (with the chuck and mounting plate removed). 1MT centre for the tailstock.



	Inc.vat	Ex.vat	Code
1MT Hard Centre	£6.74	£5.62	500470
2MT Hard Centre	£7.85	£6.54	500471
1MT Live Centre	£18.95	£15.79	100032

SIEG C1 Tailstock Chuck

A 8mm capacity chuck fitted with a No. 1MT stem which just slots into the tailstock to give a secure and accurate location for drilling and similar operations.



	Inc.vat	Ex.vat	Code
Tailstock Chuck	£20.45	£17.04	100031

SIEG C1 Vertical Slide

This accessory fits onto the saddle in place of the tool post and provides a means of holding small components whilst being milled with a suitable cutter mounted in the lathe headstock. Work can be held onto the slide either with clamps and T bolts or by using a small machine vice.



	Inc.vat	Ex.vat	Code
Vertical Slide	£104.94	£87.45	100028

SIEG C1

Compound Slide

The compound slide fits onto the saddle in place of the tool post to provide a means of turning tapers up to about 40mm long and also to give more precise control over the tool position than is possible by moving the complete saddle assembly.



	Inc.vat	Ex.vat	Code
Compound Slide	£119.94	£99.95	100029

SIEG C1 Steadies

Steadies are used to give support to long components which might otherwise deflect under the load imposed by the cutting tool. The fixed steady is typically used when machining the outer end of a long bar whilst the travelling steady moves with the tool post to support the work right along its length, maximum working diameter is 40mm.



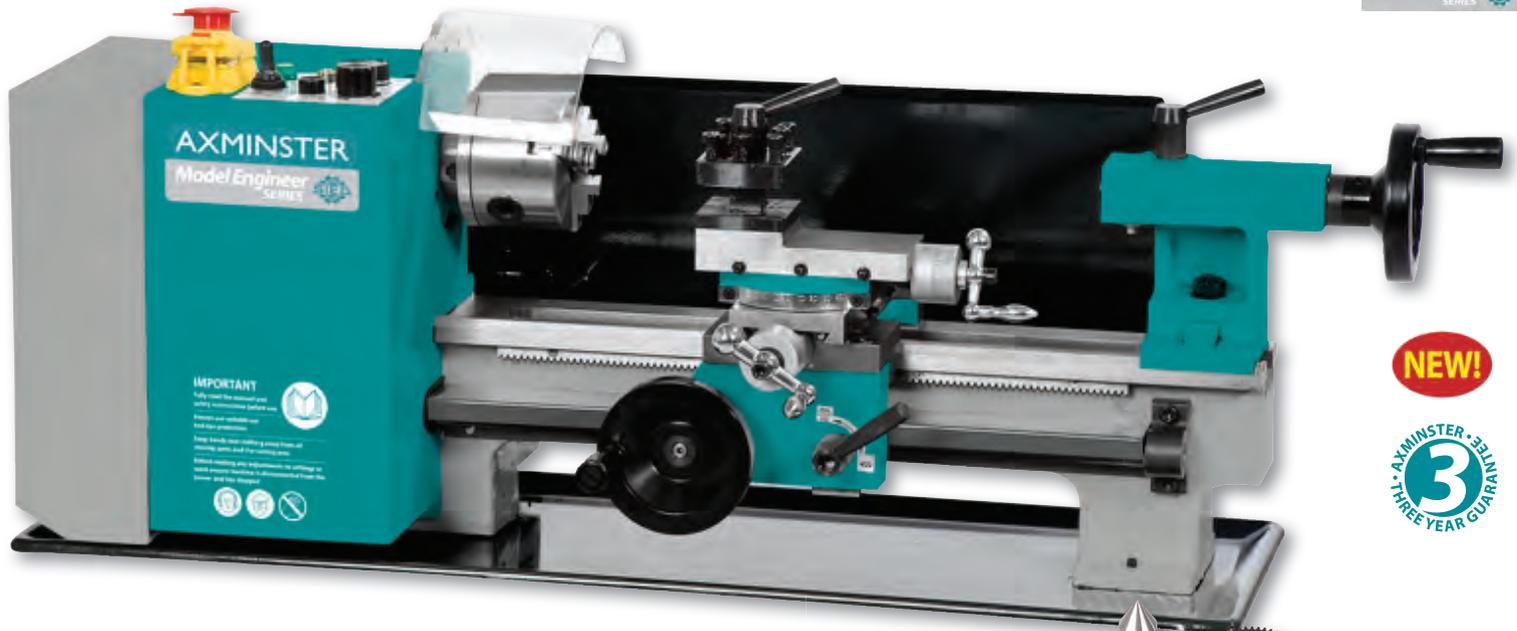
	Inc.vat	Ex.vat	Code
Fixed Steady	£33.44	£27.87	100026
Travelling Steady	£26.45	£22.04	100027

50mm Quick Release Vice

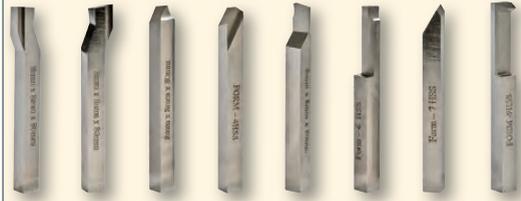
This neat little vice can be used either on the table of the Micro Mill or mounted on the vertical slide on the Micro Lathe. Slots in the base allow it to be bolted onto the vertical slide and there are notches in the jaws for accurate location of circular items. Jaw width is 50mm and base size is 60 x 95mm.



	Inc.vat	Ex.vat	Code
Quick Release Vice	£35.94	£29.95	100022



SIEG SC2 Accessories



High Speed Steel Tool Bit Set

This is a very nice set of 8 High Speed Steel (HSS) lathe tools manufactured from selected M2 steel for great performance. Offering a good selection of forms this set would make a great starter set for the small lathe user. All in 8mm shank, this set offers LH and RH turning tools, straight finishing, corner, parting, boring, internal and external threading tools. Presented in a plastic box and ideal for the beginner model engineer.

Axminster Model Engineer Series SC2 Mini Lathe

This mini lathe features a high torque brushless DC 500W motor which is very quiet and powerful in operation. Because the motor has ample torque at low speed there is no need for a gearbox, a super smooth belt drive transferring power to the spindle, the spindle speed being selected by a simple control knob. The electronic control system ensures controlled starting and stopping to reduce the strain on the drive train. Constructed almost entirely of cast iron with ground bedways, and having a fully featured saddle and carriage assembly, a tailstock with spindle taper turning capability and a variable speed spindle drive, giving a stepless speed range of 100-2,500 rpm. A powered leadscrew with a change wheel set gives metric thread range of 0.4-2.0mm pitch. This lathe is supplied with an oil tray, splash guard, 3 jaw self centring chuck, electrically interlocked chuck guard, change wheel set, 2MT centre and wrench set. Optional features include a digital read-out for easy, precise measuring of the tool post X & Y travel and a plug-in spindle speed display. An excellent choice for the enthusiastic model engineer or school use. Maximum 8mm shank tooling.

Model	SC2		
Rating	Model Engineer		
Power	500W 230V		
Spindle Speed	100-2,500 rpm		
Taper Headstock	3MT		
Taper Tailstock	2MT		
Centre Height	90mm		
Distance Between Centres	300mm		
Cross Slide Travel	62mm		
Top Slide Travel	55mm		
Thread Pitch Range	0.4-2.0mm (10 thread pitches)		
Overall L x W x H	720 x 300 x 290mm		
Weight	43kg		

	Inc.vat	Ex.vat	Code
Model Engineer Series SC2 Mini-Lathe	£645.95	£538.29	505102
Turning Tool Set 8mm	£19.94	£16.62	536001

	Inc.vat	Ex.vat	Code
Tool Bit Set	£46.94	£39.12	700367



Axminster SIEG SC2/SX2 Spindle Speed Read-out

This is a digital read-out of the spindle speed, suitable for the SC2 and SX2 machines only. Self powered, it plugs into the provided socket and has magnets on the rear to allow placement on the headstock where convenient. Allows accurate setting of the spindle speed and takes the guesswork from your machining.



	Inc.vat	Ex.vat	Code
SIEG SC2/SX2 Spindle Speed Read-out	£119.94	£99.95	211957



Axminster SIEG SC2 Vertical Slide

Vertical slide for use on the Axminster SIEG SC2 Mini Lathe. This will allow simple milling tasks to be carried out on the lathe. Work can be held onto the slide using the clamp system provided. Milling cutters should be mounted in the headstock, chuck or collet holder.

	Inc.vat	Ex.vat	Code
Vertical Slide for SC2	£164.94	£137.45	600900



Axminster SIEG SC2 Quick Change Tool Post

A quick change tool post system for the Axminster SIEG SC2 lathe.

	Inc.vat	Ex.vat	Code
SC2 Quick Change Tool Post	£69.95	£58.29	600555

Ambersil Tufcut Metal Cutting Compound

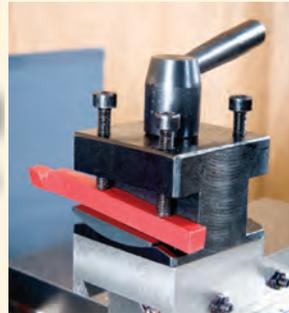


A high cling compound that adheres to tool pieces preventing wastage and throw off. Delivering excellent lubricating and heat reduction properties, it is a thick paste like compound which leaves a thick, tenacious lubricating film. Ready to use straight from the tin, it can be used on most metals but it is particularly effective on steel. Eliminating chip welds Tufcut will also prolong tool life.

	Inc.vat	Ex.vat	Code
500g	£12.95	£10.79	952141



Axminster SIEG SC2, C3 Rocker Tool Post



The Rocker Tool Post is designed to eliminate the need for shimming, particularly of older lathe tools that have been sharpened many times. The height of the cutting edge can be changed by simply adjusting the two clamping screws, to set the tool's cutting edge on or just slightly below the centre line of the part being machined. This excellent value accessory reduces setup time and also extends the life and the usefulness of your older lathe tools.

	Inc.vat	Ex.vat	Code
Rocker Tool Post	£18.44	£15.37	600823



Axminster SIEG SC2 Faceplate

A 160mm diameter face plate for the Axminster SIEG SC2 lathe. The chuck guard and mounting arm need to be removed to allow the use of the faceplate.



	Inc.vat	Ex.vat	Code
SC2 Faceplate	£22.94	£19.12	600553



Axminster SIEG C2 Clamp Kit

A clamp kit for use with the Axminster SIEG SC2 faceplate accessory.

	Inc.vat	Ex.vat	Code
SC2 Clamp Kit	£12.95	£10.79	600554



Axminster SIEG SC2 100mm 4 Jaw Independent Chuck with Backplate

A 4 jaw independent chuck for the SIEG SC2 lathe. Supplied with backplate and all necessary mounting bolts.

	Inc.vat	Ex.vat	Code
Chuck With Flange	£109.96	£91.63	718054



Axminster SIEG SC2 ER32 Collets set of 7 complete with holder

Collets are used where the very best accuracy is required. Each collet has a 1mm compression range and so can be used on metric dimensioned materials, so saving costs. Easy to use, and ideal for repeat turning operations, these will make the accurate machining of small parts a doddle. Basic holder complete with mounting bolts and 'C' spanner contained in wooden box. The kit comprises 7 collets: 4 - 3mm, 6 - 5mm, 8 - 7mm, 10 - 9mm, 12 - 11mm, 14 - 13mm and 16 - 15mm, plus the Collet Holder.

	Inc.vat	Ex.vat	Code
C2/SC2 Holder for ER32 Collets	£99.95	£83.29	600676
ER32 collets & collet holder kit	£144.95	£120.79	719847



Axminster SIEG SC2 Travelling Steady

A two pronged follow rest for the C2 lathe.

	Inc.vat	Ex.vat	Code
SC2 Travelling Steady	£32.94	£27.45	600552



Axminster SIEG SC2 Fixed Steady

A three pronged steady rest for the C2 lathe.

	Inc.vat	Ex.vat	Code
C2 Fixed Steady	£33.95	£28.29	600551

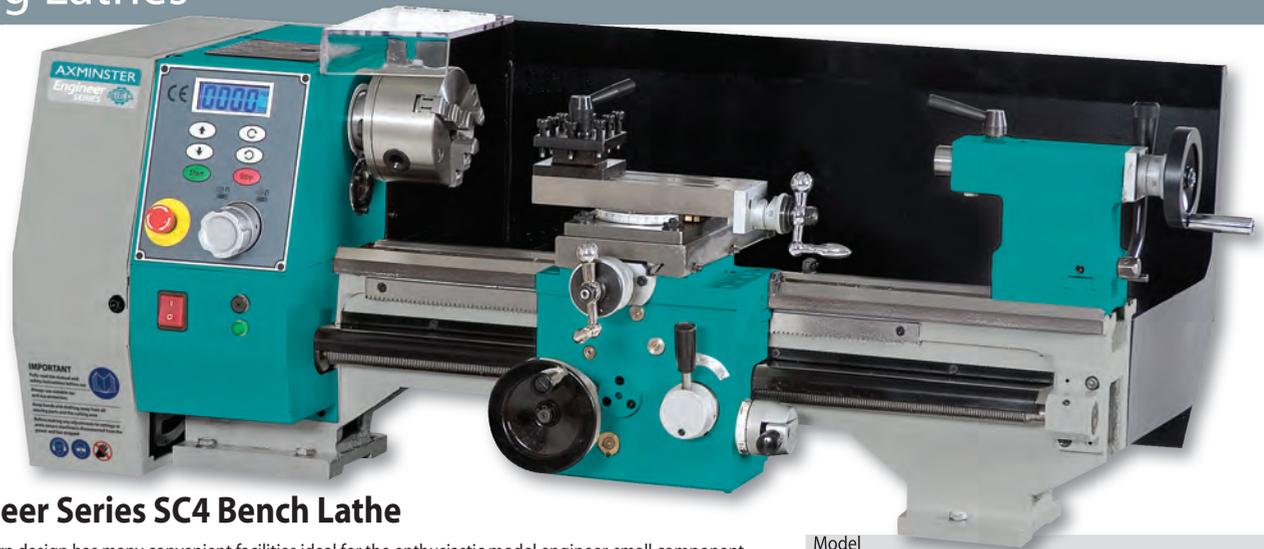
Engineering Lathes

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SKILL
CENTRE**
AS USED IN OUR
SKILL CENTRE
For more information
on courses please see
pages 6 to 11



Axminster Engineer Series SC4 Bench Lathe

This compact lathe of very modern design has many convenient facilities ideal for the enthusiastic model engineer, small component manufacturer or in a teaching environment (used in our Skill Centre). A very rigid induction hardened cast iron bed with ground slideways gives a high level of precision. The lathe has 410mm between the centres' bed length with a 210mm swing over the bed. This model has a 1,000W brushless DC high torque motor giving near silent running. A standard feature is the full electronic speed control with digital read-out of spindle speed, accessed by a push button control panel. Other very useful features included are cross and longitudinal power feed, quick lock tailstock and both metric and imperial thread cutting, ranging from 8-24 tpi or 0.25-3m. Also included, as standard, are a 4-way indexing tool post with 10mm tool shank capacity, transverse adjustment on the tailstock for taper turning and the rear splash guard. A 100mm 3-jaw chuck is supplied, the headstock spindle being through bored to 20mm diameter. There are many additional options available including a milling head to turn this machine into a very capable, small, all round machining centre. Suitable for bench mounting with perhaps the addition of the optional drip tray, or for independently mounting on the ruggedly built floor stand. A superb small machine.

	Inc.vat	Ex.vat	Code
Engineer Series SC4 410 Bench Lathe	£1,299.95	£1,083.29	505111

Model	SC4
Rating	Engineer
Power	1,000W (230V)
Spindle Speed	150 - 2,000rpm
Taper Headstock	MT3
Taper Tailstock	MT2
Centre Height	105mm
Distance Between Centres	410mm
Cross Slide Travel	100mm
Top Slide Travel	70mm
Thread Pitch Range	0.25-3.0mm Metric, 8-24 tpi Imperial
Overall L x W x H	1,000 x 550 x 400mm
Weight	125kg

Accessories

Axminster SIEG SC4 Faceplate



Faceplate for the Axminster SIEG SC4 Lathe. 7" diameter. Very useful when trying to hold irregular shaped objects. An additional clamp kit is available to hold the workpiece securely. Eight clamping holes available. Please note, the chuck guard and mounting arm need to be removed to allow use of the faceplate.

	Inc.vat	Ex.vat	Code
SIEG SC4 Faceplate	£24.95	£20.79	600862



Axminster SIEG SC4 4 Jaw Independent Chuck



A 4 jaw independent chuck, 100mm diameter. Allows eccentric turning and the holding of square bar. Replaces standard chuck, supplied with mounting bolts.

	Inc.vat	Ex.vat	Code
4 Jaw Independent Chuck	£99.95	£83.29	600871

Axminster SIEG SC4 Milling Attachment



A small milling attachment for the SC4 Lathe, based around the rear column, headstock and motor drive unit from the SX1 Micro Mill. Converts this lathe into a very versatile machining centre.

	Inc.vat	Ex.vat	Code
Engineer Series SC4 Milling Attachment	£299.94	£249.95	505112

Axminster SIEG SC4 Oil Drip Tray



A pressed steel drip tray to allow the correct mounting of the SC4 lathe onto a sturdy workbench. It raises the height of the machine a little to give room to operate the carriage handle wheel without risk of grazing your knuckles!

	Inc.vat	Ex.vat	Code
SC4 Oil Drip Tray	£42.44	£35.37	600864

Glanze Replaceable Tip Turning Tool Sets



- 7 piece sets catering for a variety of operations
- Replaceable tungsten carbide tips
- Shank sizes 8, 10 & 12mm
- Packed in plastic case with Torx key

Glanze

	Inc.vat	Ex.vat	Code
8mm Shank Turning Tool Set	£109.96	£91.63	953029
10mm Shank Turning Tool Set	£114.95	£95.79	201009
12mm Shank Turning Tool Set	£124.96	£104.13	201010
CCMT06 Replacement Tip	£4.96	£4.13	201001
Spare Torx M2.5 Screw	£2.84	£2.37	201019
T8 Torx Key	£2.45	£2.04	201020



Axminster SIEG SC4 ER32 Collet Holder



Collets are used where the very best accuracy is required. Each collet has a 1mm compression range and so can be used on metric dimensioned materials, so saving costs. Easy to use, and ideal for repeat turning operations, these will make the accurate machining of small parts a doddle. Collet holder for ER32 collets to fit the C4 lathe, supplied with "C" spanner and mounting bolts. All contained in a wooden box.

	Inc.vat	Ex.vat	Code
SIEG SC4 ER32 Collet Holder	£114.95	£95.79	600869



Axminster SIEG SC4 Clamp Kit



Clamp Kit for the Axminster SIEG C4 faceplate. Holds the work securely in place. Can be used on any face that has, or can have 10mm threaded holes on the face.

	Inc.vat	Ex.vat	Code
SIEG SC4 Clamp Kit	£14.94	£12.45	600863



Axminster SIEG SC4 Fixed & Travelling Steadies



Steadies are used to give support to long components that may flex whilst being machined. The fixed steady is fastened to the bed and may be used to support the outer end of the machined section, or used instead of the tailstock. The travelling steady supports the workpiece adjacent to where the cutting tip is being used. 40mm work capacity for both fixed and travelling.

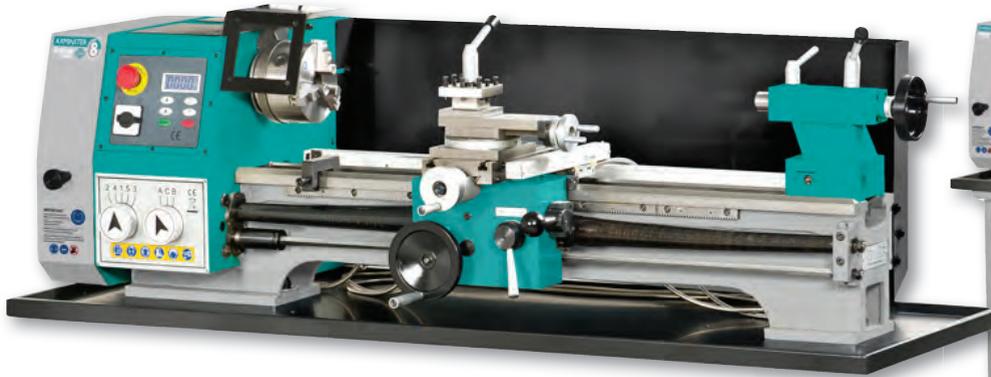
	Inc.vat	Ex.vat	Code
Travelling Steady for SC4	£31.44	£26.20	600861
Fixed Steady for SC4	£34.44	£28.70	600860



Axminster SIEG SC4 Floor Stand

Floor Stand for the Axminster SIEG SC4 lathe.

	Inc.vat	Ex.vat	Code
SC4 Floor Stand	£189.95	£158.29	505177



SC8-AX2 Lathe

Axminster Engineer Series SC8-AX1 & SC8-AX2 Lathes

This is a very fine medium sized bench lathe with many modern conveniences. As you would expect, the bed is made from high tensile cast iron with induction hardened slideways. Power is provided by a 1,500W brushless DC high torque motor, with all functions controlled by a push button panel. A 150mm 3-jaw self centring chuck is provided, driven by a 54mm diameter spindle supported on adjustable tapered roller bearings, with a 25mm through bore. The carriage is powered in both axis; a clever interlock prevents accidental engagement, plus an overload clutch is fitted to the carriage drive shaft. Selection of either feed speeds or thread pitches is via a simple twin gearbox arrangement, the conversion between metric or imperial threads being just one gear wheel change. There is also a tumbler gear set-up to allow LH threading. The tailstock has cam locking and taper spindle offset; the tailstock ram lead screw is very accurately made. All the controls are grouped on the front face of the headstock, with the spindle speed being clearly indicated.

A locking "E" stop switch and an interlocked steel chuck guard are included. A 4-way tool post is fitted which will take tooling up to 16mm shank size. A drip tray is also included, helping to keep the workshop clean. This is the basic version of this lathe, which can be tailored to your requirements with many optional accessories such as a floor stand, 2-axis digital read-out (DRO), quick change tool post, faceplates, steadies etc. Another very useful component is a powered milling attachment, which bolts to the rear of the bed and plugs into its own power outlet. Based on the SX2 mill, this creates a very versatile machining centre. For those looking for a more complete lathe (with stand, DRO, coolant system and work lamp), please look at the SC8-AX2 505114. This is a completely factory made with integrated wiring etc. and may be well suited to the education sector or small component making.



Model	SC8
Rating	Engineer
Power	1,500W (230V)
Spindle Speed	100-2,500
Taper Headstock	4MT
Taper Tailstock	2MT
Centre Height	140mm
Distance Between Centres	750mm
Cross Slide Travel	155mm
Top Slide Travel	80mm
Thread Pitch Range	0.25-2.5mm (14 thread pitches), 12-96tpi (9 thread pitches).
Overall L x W x H	1,500 x 750 x 630mm
Weight	205kg

Axminster Engineer Series SC8-AX1 Lathe

	Inc.vat	Ex.vat	Code
Engineer Series SC8-AX1 Lathe	£1,999.94	£1,666.62	505113
Engineer Series SC8 Floor Stand	£251.94	£209.95	505121

Axminster Engineer Series SC8-AX2 Lathe

	Inc.vat	Ex.vat	Code
Engineer Series SC8-AX2 Lathe	£2,999.94	£2,499.95	505114

SC8 Accessories

SC8 Stand (as seen on AX2 model)

This floor stand for the SC8-AX1 lathe is of mostly welded steel construction with two shelves in each side. It can be bolted to a floor, but it is important to make sure that the stand remains square and is not twisted by a floor that is not level.

	Inc.vat	Ex.vat	Code
Engineer Series SC8 Floor Stand	£251.94	£209.95	505121

SC8 DRO Kit (as seen on AX2 model)

A 2-axis digital read-out kit for the SC8-AX1 lathe. This kit is an industry standard system that is supplied with the correct length liquid-proof linear tracks and all mounting hardware. The system can display either metric or imperial measurements, plus there is a choice of radii or diameter readings. A comprehensive set of fitting drawings is supplied and it can be fitted in an afternoon by most reasonably competent engineers. You will need small drills and metric taps. This accessory greatly improves the accuracy of items being made on this machine.

	Inc.vat	Ex.vat	Code
Engineer Series SC8-AX1 DRO Kit	£579.95	£483.29	505117

SC8 Faceplate

A 240mm diameter faceplate for holding irregular shaped workpieces (the chuck guard will need to be removed in order to fit this item). It has 16mm slots to enable clamps to be fitted.



	Inc.vat	Ex.vat	Code
Engineer Series SC8 Face Plate	£39.95	£33.29	505120

SC6/SC8 Milling Attachment

- Easily mounted onto any model of Axminster C6 or SC8 lathes
- Plugs into an electrical supply socket on the lathe
- Independent electronic control system
- Reliable and quiet direct belt drive
- Column tilts 45° L and R, fine quill downfeed control
- Based on the SX2 mill, creates a small machining centre



	Inc.vat	Ex.vat	Code
Engineer Series SC6/8 Milling Attachment	£564.95	£470.79	505115

SC8 4-Jaw Independent Chuck

This 4-jaw independent chuck, 130mm in diameter, allows eccentric turning and the holding of square bar. The jaws are reversible to enable internal or external gripping. It replaces the standard chuck, is supplied with mounting bolts and comes in a wooden box.



	Inc.vat	Ex.vat	Code
Engineer Series SC8 4 Jaw Chuck	£139.94	£116.62	505123

SC8 Quick Change Tool Post

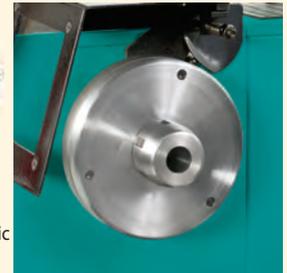
A quick change tool post with 3 tool holders for the SC8 lathe. Easy to use and adjusts to the correct tool tip height without messing around with shims or spacers under the tool. Takes tooling up to 16mm shank. Replaces the standard tool post supplied with the machine.



	Inc.vat	Ex.vat	Code
Engineer Series SC8 Quick Change Tool Post	£89.94	£74.95	505122

SC8 ER32 Collet Holder

Collets are used where the very highest accuracy is required. Each collet has a 1mm compression range and so can be used on metric or imperial dimensioned materials, saving costs. Easy to use and ideal for repeat turning operations, these will make the accurate machining of small parts a doddle. This ER32 collet holder is supplied with mounting bolts, please choose your collets from our extensive range. **N.B. The 717499 kit has a set of 7 ER32 collets giving a size range from 3-16mm.**



	Inc.vat	Ex.vat	Code
SC8 ER32 Collet Holder	£149.94	£124.95	505124
ER32 collets with holder for SC8-Set 7	£179.95	£149.96	717499

SC8 Fixed and Travelling Steadies

Steadies are used to give support to long components that may flex whilst being machined. The fixed steady is fastened to the bed and may be used to support the outer end of the machined section, or used instead of the tailstock. The travelling steady supports the workpiece adjacent to where the cutting tip is being used. Work capacity 70mm for fixed and 40mm for travelling.



	Inc.vat	Ex.vat	Code
Engineer Series SC8 Travelling Steady	£53.45	£44.54	505118
Engineer Series SC8 Fixed Steady	£62.94	£52.45	505119

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Axminster
Transport
Delivery
See page 4



Axminster Engineer Series CQ6230A-2/910 Lathe

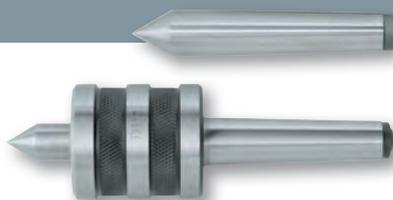
This high specification, floor standing, heavy duty metal turning lathe is suitable for the keen engineer, education, general maintenance and small production facilities. It has a high tensile cast iron, precision ground, induction hardened bed for long term accuracy. A fully gear driven spindle runs on precision taper roller bearings, with hardened and ground gears giving a speed range of 65 - 1,810rpm, selectable via the headstock mounted levers and a choice of two motor drive belt speeds. The spindle has the popular D1-4 quick lock chuck mounting, ensuring a wide range of accessories can be fitted. The 1,500W 230V 1ph motor provides ample power for heavy tasks. A range of cross and longitudinal feed speeds can be selected on a separate gearbox. The fitted thread indicator helps with thread cutting. A spindle foot brake, chuck guard safety interlock and guarded lead screw are included for added safety. A splash guard, coolant pump system, work lamp and digital read-out on a convenient panel all help with the

usability of this lathe. It is supplied with a large range of standard accessories including a 150mm(6") 3-jaw self centring chuck with internal and external jaws, 200mm(8") 4-jaw independent chuck, faceplate, live and dead centres. Also included are 5 to 3MT reduction sleeve, steady rest, follow rest, quick change tool post with 4 tool holders, floor stand with swarf tray, coolant drain and a storage cupboard, together with a toolbox complete with maintenance tools. The overall capacities are 890mm between centres and 300mm swing over the bed. A gap bed facility gives 450mm swing. Thread cutting facilities are in metric with a reversible 3mm pitch lead screw. Change wheels for imperial thread pitches (note the thread indicator is set for metric only) are supplied. This machine comes with everything you will ever need except tooling. We recommend the use of replacement tip tooling for this lathe - for further details see "Lathe Tooling" section.

N.B. Each machine is pre delivery inspected before delivery.

Model	CQ6230A-2/910
Rating	Trade
Power	1,500W (230V)
Spindle Speed	65-1,810 rpm
Taper Headstock	MT5
Taper Tailstock	MT3
Distance Between Centres	890mm
Height Over Cross Slide	90mm
Cross Slide Travel	130mm
Top Slide Travel	75mm
Leadscrew Pitch	3mm
Thread Pitch Range	0.4-7mm, 4-60tpi
Overall L x W x H	1,680 x 750 x 1,420mm
Weight	510kg

	Inc.vat	Ex.vat	Code
Engineer Series CQ6230A-2/910 Lathe	£3,499.96	£2,916.63	505116



Lathe Centres, Fixed & Revolving

A selection of hard centres ranging from 1MT to 3MT and 2MT and 3MT Revolving Centres.

	Inc.vat	Ex.vat	Code
1MT Hard Centre	£6.74	£5.62	500470
2MT Hard Centre	£7.85	£6.54	500471
2MT Revolving Centre	£22.94	£19.12	310219
3MT Revolving Centre	£23.94	£19.95	600747



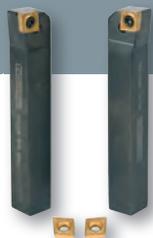
Axminster Lathe Carriers

A range of well priced carriers, or driving dogs, for use in conjunction with a faceplate for driving work mounted between centres. The size indicated is the maximum size of the bar that the carrier will fit onto.

	Inc.vat	Ex.vat	Code
3/4" Carrier	£3.35	£2.79	600124
1" Carrier	£3.54	£2.95	600122
1.1/2" Carrier	£4.74	£3.95	600123

Glanze L & R Turning Tool Set

A set of left and right turning tools from Glanze, including four excellent quality carbide tips. Available in 8, 10 and 12mm shank sizes.



	Inc.vat	Ex.vat	Code
8mm	£37.45	£31.21	501967
10mm	£39.95	£33.29	501968
12mm	£43.45	£36.21	501969



Boring Bars with Coolant Holes

A range of five replaceable TCT tip boring bars which are drilled through the body to allow coolant to be fed right to the tip when boring deep holes. They range in diameter from 6 to 16mm and in length from 80 to 150mm and have four flats on the body for positive location. Includes carbide tips.

	Inc.vat	Ex.vat	Code
Boring Bar - 8 x 100mm	£29.95	£24.96	717000
Boring Bar - 10 x 110mm	£29.95	£24.96	717001
Boring Bar - 12 x 125mm	£31.96	£26.63	717002
Boring Bar 16 x 150mm	£31.96	£26.63	717003
CCMT06 Replacement Tip	£4.96	£4.13	201001
Spare Torx M2.5 Screw	£2.84	£2.37	201019
T8 Torx Key	£2.45	£2.04	201020



Glanze Replaceable Tip Turning Tool Sets

These Glanze 7 piece turning tool sets are available in four shank sizes; 8, 10 and 12mm. Fitted with replaceable tungsten carbide tips for superior surface finish and long tool life. Each set caters for a variety of operations, left and right hand turning, facing, boring and chamfering at a variety of angles. They are very well presented in a plastic case and come with the necessary Torx key. A good range of tooling for the keen hobby or professional turner.

	Inc.vat	Ex.vat	Code
8mm Shank Turning Tool Set	£109.96	£91.63	953029
10mm Shank Turning Tool Set	£114.95	£95.79	201009
12mm Shank Turning Tool Set	£124.96	£104.13	201010
CCMT06 Replacement Tip	£4.96	£4.13	201001
Spare Torx M2.5 Screw	£2.84	£2.37	201019
T8 Torx Key	£2.45	£2.04	201020



Glanze Replaceable Tip Facing and Turning Tools

A choice of different sizes of Glanze facing and turning tools with replaceable tungsten carbide tips. The tips are long lasting and produce an excellent finish on a variety of materials. Includes carbide tips.

	Inc.vat	Ex.vat	Code
8mm Shank R/H	£17.75	£14.79	718993
10mm Shank R/H	£18.25	£15.21	718994
12mm Shank R/H	£19.45	£16.21	718995
16mm Shank R/H	£25.96	£21.63	717010
16mm Shank L/H	£25.96	£21.63	717244
12mm Shank L/H	£19.45	£16.21	717243
8mm Shank L/H	£17.75	£14.79	717242
6mm Shank L/H	£17.26	£14.38	717241
10mm Shank L/H	£18.25	£15.21	717306
CCMT06 Replacement Tip	£4.96	£4.13	201001
Spare Torx M2.5 Screw	£2.84	£2.37	201019
T8 Torx Key	£2.45	£2.04	201020



Glanze Profiling Tool

Using a 6mm carbide insert these high quality Glanze profiling tools allow deep profiles to be produced. One carbide insert included. Available in shank sizes 6, 8, 10, 12 and 16mm.

	Inc.vat	Ex.vat	Code
6mm	£15.46	£12.88	717231
8mm	£16.75	£13.96	717232
10mm	£17.95	£14.96	717233
12mm	£20.95	£17.46	717234
16mm	£29.94	£24.95	717235



Glanze Straight and Chamfering tool

Glanze replaceable carbide tipped tool for straight turning and 45° chamfers. Available in shank sizes 6, 8, 10, 12 and 16mm. Comes with one replaceable carbide tip.

	Inc.vat	Ex.vat	Code
6mm	£18.95	£15.79	717236
8mm	£18.95	£15.79	717237
10mm	£19.96	£16.63	717238
12mm	£23.45	£19.54	717239
16mm	£29.95	£24.96	717240

Glanze Lathe Accessories



Replaceable Tip 1/2" Shank Boring Bars

A set of four boring bars with replaceable TCT tips for use in our adjustable 50mm boring head (100060) or the Medium Quick Release Tool Post Set (700371). The bodies are 0.5" in diameter and have either 2 or 4 flats 0.43" across. There is a range of lengths and diameters to suit a range of boring operations. Includes carbide tips.

	Inc.vat	Ex.vat	Code
Boring Bar Set	£94.94	£79.12	201000
CCMT06 Replacement Tip	£4.96	£4.13	201001
TCMT Replacement Tip	£4.74	£3.95	201002
Spare Torx M2.5 Screw	£2.84	£2.37	201019
T8 Torx Key	£2.45	£2.04	201020



Glanze Threading, Parting & Profile Tool Set

This is a very useful, high quality kit of 4 Glanze indexing tools to complement general turning tools. (Indexing tools are where the tip has 3 or 4 cutting edges and can be moved on the holder to reveal a new edge). Comprising 1 each external and internal threading tool holders, suitable for the large majority of threads using the profile inserts included. A parting and grooving tool holder suitable for a wide range of parting off in solid bars, intermittent cutting, tube and groove turning applications. Finally, a profile tool holder for deep profiles. Supplied in a sturdy plastic box with tools and 2 indexable profile inserts per tool included. 10mm shank.

	Inc.vat	Ex.vat	Code
Threading, Parting & Profile Tool Set	£159.95	£133.29	700370
External Threading Repl. Carbide Tip	£15.44	£12.87	700375
Internal Threading Repl. Carbide Tip	£15.44	£12.87	700376
Parting and Grooving Repl. Carbide Tip	£8.24	£6.87	700377
Profile Replacement Carbide Tip	£8.24	£6.87	700378
Spare Torx M2.5 Screw	£2.84	£2.37	201019
T8 Torx Key	£2.45	£2.04	201020



This quality range of tipped parting tools by Glanze are available in 8, 10 and 12mm shank sizes, which are mounted on the side of the tool. Each tool is double ended and comes complete with one insert to get you parting off straight away.

	Inc.vat	Ex.vat	Code
Parting Tool - 8mm	£39.95	£33.29	953162
Parting Tool - 10mm	£39.95	£33.29	953163
Parting Tool - 12mm	£39.95	£33.29	953164
Parting and Grooving Repl. Carbide Tip	£8.24	£6.87	700377
Spare Torx M2.5 Screw	£2.84	£2.37	201019
T8 Torx Key	£2.45	£2.04	201020

Glanze



Glanze Replacement Parting Blade

Spare blade for Glanze clamp type Indexable parting tool. Tips not included.

	Inc.vat	Ex.vat	Code
Parting Tool Blade - 8mm	£19.96	£16.63	953165

Glanze



Glanze Parting & Grooving holder

These Glanze parting and grooving tools are available in both 10 and 12mm shanks. There is a 2mm high quality cutting tip included with the holder to allow cutting straight away.

	Inc.vat	Ex.vat	Code
10mm	£39.95	£33.29	953167
12mm	£39.95	£33.29	953168
Parting and Grooving Repl. Carbide Tip	£8.24	£6.87	700377
Spare Torx M2.5 Screw	£2.84	£2.37	201019
T8 Torx Key	£2.45	£2.04	201020

Glanze



Glanze 60 Degree Metric Internal Threading Tools

Excellent quality Glanze internal threading tool. 60° metric tip allowing for cutting of all internal metric threads. Includes carbide tips.

	Inc.vat	Ex.vat	Code
10mm	£28.66	£23.88	717004
12mm	£28.66	£23.88	717005
16mm	£33.95	£28.29	717006
Internal Threading Tip 16mm	£15.95	£13.29	501902

Glanze



Glanze 60 Degree Metric External Threading Tools

Excellent tipped external threading tool from Glanze. Allowing all metric threads to be made. Includes carbide tips.

	Inc.vat	Ex.vat	Code
10mm	£28.45	£23.71	717007
12mm	£27.46	£22.88	717008
16mm	£33.95	£28.29	717009
Repl. External Threading Tip 16mm	£15.95	£13.29	501903

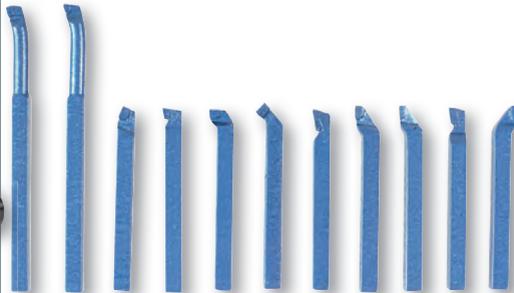
PROXXON



Proxxon 3 Piece Tooling Set with Tungsten Inserts

Three holders: Roughing out (8 x 8 x 70mm) Boring bar (8 x 8 x 90mm, holes from 12 mm) Longitudinal work (8 x 8 x 70mm) Standard tungsten inserts, 55°, plated. Suitable for Proxxon PD 230 lathe. Three additional inserts securing screw and key TX 8 are included. Supplied in a wood box with sliding lid.

	Inc.vat	Ex.vat	Code
Cutter Set with Tungsten Inserts	£129.95	£108.29	474432
Tungsten Disposable Tips (Pkt 10)	£53.94	£44.95	474896



Tungsten Carbide Lathe Tool Sets

Two sets of good quality tungsten tipped turning tools in a variety of tip configurations and available with either 8mm or 12mm shanks. The 8mm set, contains 11 tools and the 12mm set contains 8 tools.

	Inc.vat	Ex.vat	Code
Turning Tool Set 8mm	£19.94	£16.62	536001
Turning Tool Set 12mm	£22.94	£19.12	536002



High Speed Steel Tool Bit Set

This is a very nice set of 8 High Speed Steel (HSS) lathe tools manufactured from selected M2 steel for great performance. Offering a good selection of forms this set would make a great starter set for the small lathe user. All in 8mm shank, this set offers LH and RH turning tools, straight finishing, corner, parting, boring, internal and external threading tools. Presented in a plastic box and ideal for the beginner model engineer.

	Inc.vat	Ex.vat	Code
Tool Bit Set	£46.94	£39.12	700367

PROXXON



Proxxon 5 Piece Lathe Tool Sets

One each roughing out, parting, finishing cut, left and right cutter. Supplied in a wooden box. 8mm for PD230/E or 10mm for the PD400 lathe.

	Inc.vat	Ex.vat	Code
5 piece set 8 x 8 x 80mm	£59.94	£49.95	474805
5 piece set 10 x 10 x 80mm	£64.94	£54.12	474784

HSS Tool Steel

Square tool steel with a 5% cobalt content.

	Inc.vat	Ex.vat	Code
1/4" Square x 4" 5% Cobalt Tool Steel	£4.74	£3.95	900362
5/16" Square x 4" 5% Cobalt Tool Steel	£5.45	£4.54	900369
3/8" Square x 4" 5% Cobalt Tool Steel	£6.24	£5.20	900367
1/8" Square x 3" 5% Cobalt Tool Steel	£2.94	£2.45	900363
3/16" Square x 3" 5% Cobalt Tool Steel	£2.94	£2.45	900366



Tool Grinding Gauge

This surely must be the most useful and simple gauge for anybody grinding tools to cut threads on a metal turning lathe. Made from stainless steel with a satin chrome finish, the permanent deeply etched graduations can be easily read. The gauge clearly indicates 55° for Whitworth and BSF, 60° for metric, unified and American National, 47.1/2° for BA and 14.1/2° for Acme.

	Inc.vat	Ex.vat	Code
Tool Grinding Gauge	£2.94	£2.45	810375

Axminster HSS Imperial & Metric External & Internal Threading Tools

NEW!

These sets of imperial and metric threading tools are perfect for the mini lathe. Made from high speed steel, this allows them to be re-ground when worn. Each set comprises 1x external and 1x internal threading tool. Available in 6mm and 8mm shanks.

	Inc.vat	Ex.vat	Code
6mm 55° Imperial	£15.95	£13.29	504799
6mm 60° Metric	£16.94	£14.12	504800
8mm 55° Imperial	£15.95	£13.29	504801
8mm 60° Metric	£16.94	£14.12	504802

Axminster HSS Boring and Threading Tools

A set of three High Speed Steel boring and threading tools. One boring bar plus two internal threading bars, one at 55° and one at 60°. 140mm long x 10mm diameter shanks and supplied with a 13mm square split holder. Supplied in a neat storage box.

	Inc.vat	Ex.vat	Code
Threading and Boring Tool Set	£36.95	£30.79	953424



Workshop Boring Bar Holders

These holders can be used for holding any round bar tool in a lathe tool post. The tool is held securely when the holder is clamped to the tool post. Holder is 3/4" square x 3" long with a 1/2" diameter hole.

	Inc.vat	Ex.vat	Code
3/4" Square Boring Bar, 1/2" Tool	£2.45	£2.04	340937

PROXXON

Proxxon 6 Piece HSS Boring Tool Set

This six piece set is supplied in a wooden box. It comprises one of each cutter for 60° (metric threads) and 55° (Whitworth threads), for cutting internal threads, 1.3mm, 2.65mm and 4mm boring bars and a tool holder. The shank diameter is 6mm and length 95mm. These cutters are held in a tool holder that mounts to the tool post of either the PD 230/E or PD 400 lathe.

	Inc.vat	Ex.vat	Code
6 Piece Boring Tool Set	£51.44	£42.87	474932

6mm Tungsten Carbide Lathe Tool Set of 6

A set of 6 x 6mm shank tungsten carbide tools, 3 of 95mm in length and 3 of 135mm in length. These offer a variety of tip configurations and are a very useful set for the small lathe owner. All stored in a sturdy case, these are well priced, good quality tools. Supplied with the following, 55° internal threading tool, 60° internal threading tool, 55° external threading tool, 60° external threading tool A lefthand facing tool and a boring tool.

	Inc.vat	Ex.vat	Code
Lathe Tool Set of 6	£23.94	£19.95	700366

90 & 45 Degree Approach Boring Bars

English pattern boring bar holders with square holes for the boring bit, 90° at one end and 45° at the other. Manufactured from good quality steel with a square body. The ability to vary the length of the boring bit and to rotate the tool in the holder make them very flexible in use. 340630 is a 1/2" square bar, 2.1/4" long, holding a 4.1/2" long by 3/8" diameter boring bar with 1/8" square holes for the toolbit. 340649 is a 5/8" square bar, 2.1/2" long, holding a 5.1/2" long by 7/16" diameter boring bar with 3/16" tool bit holes.

N.B. Tool bits made from 5% cobalt tool steel need to be purchased separately.

	Inc.vat	Ex.vat	Code
1/2" Square Bar	£3.84	£3.20	340630
5/8" Square Bar	£4.14	£3.45	340649
1/8" Square x 3" 5% Cobalt Tool Steel	£2.94	£2.45	900363
3/16" Square x 3" 5% Cobalt Tool Steel	£2.94	£2.45	900366

Axminster Tungsten Tipped Boring Bar Sets

General purpose boring tools with tungsten carbide tips brazed onto alloy steel shanks. They can be used in conjunction with the Workshop Boring Bar Holders described elsewhere in this section. Set contains 9 boring bars ranging in working length from 3/4" to 3" long and in various diameters.



	Inc.vat	Ex.vat	Code
1/2" Shank Set of 9	£19.44	£16.20	310249

Axminster Parting Off Tool Holder

A different design of holder where the blade slides into a dovetailed slot on the side of the holder and is gripped firmly when the holder is clamped into the tool post. It can be used in both front and rear tool posts and holds a bevel ground blade which cuts cleanly without jamming in the groove. The holder is supplied without a blade. Holder size 1/2" x 1/2" x 2.5/8" blade size 1/2" x 3/32" x 4".

	Inc.vat	Ex.vat	Code
Parting Off Holder	£8.75	£7.29	800377
Tapered Parting Blade	£4.74	£3.95	100188



Axminster Knurling and Parting Kit

A 10 piece kit of precision tools for the medium sized engineer's lathe. Comprising a double ended knurling tool holder, an adjustable knurling holder and a parting tool holder. Also supplied are fine and medium straight knurling wheels, fine, medium and course LH & RH pairs of knurling wheels plus 3, 2 x 8 x 70mm HSS parting blades. All stored in a handy case. Suitable for all lathes with 13mm capacity tool posts.

	Inc.vat	Ex.vat	Code
Parting and Knurling Set	£74.94	£62.45	953423



Axminster Precision Parting Off Tool Holder

A simple parting tool holder with dovetail blade mounting which can be used either in standard mode or upside down in a rear tool post for chatter-free cutting. The shank is 3.11/16" long x 5/16" wide x 9/16" deep and the blade (supplied separately) is 3.3/8" x 5/16" x 1/16".

	Inc.vat	Ex.vat	Code
Parting Off Holder	£6.35	£5.29	400399
Replacement Blade	£6.44	£5.37	220002



Axminster Knurling Tools

Single and twin knurling tools. Single wheel knurling tool, with pivoting head and a pair of HSS knurling wheels, produces a diamond pattern without the need for accurate height location. The tool is effective and simple to use, although excessive pressure must be avoided to ensure that a good quality knurl is achieved. Shank size is 4.1/2" x 1/2" x 1/2". Also available is a twin wheel knurling bar, a simple but effective knurling tool with a single straight medium HSS knurling wheel on a 1/2" square shank, 3 1/4" long.

	Inc.vat	Ex.vat	Code
Twin Wheel Knurling Tool	£12.24	£10.20	600092



Adjustable Knurling Tool Holder

A flexible and adjustable knurling tool holder, fitted with a LH and RH medium rollers. Working capacity 3-25mm. The pressure is absorbed by the tool holder. The shank size is 16mm.

	Inc.vat	Ex.vat	Code
Adj Knurling Tool Holder	£25.94	£21.62	700368



Axminster Mini Lathe Clamping Knurler

An adjustable clamp-type knurler which is compatible with the SC2 lathes and larger models. Shank Size 9.5 x 9.5 x 56mm. Total length 80mm with a working capacity of 5-20mm.

	Inc.vat	Ex.vat	Code
Mini Lathe Knurler	£21.44	£17.87	504798



Axminster Straight Shank Adjustable Knurling Tool

An adjustable straight shanked clamp-type knurler. Shank size 9.5 x 9.5 x 147mm with a working capacity of 3-25mm.

	Inc.vat	Ex.vat	Code
Adjustable Knurling Tool	£21.44	£17.87	504797

Lathe Accessories



Machine Reamer 1MT

These 1MT machine reamers are used to make smooth and accurate holes in conjunction with a lathe and mounted in the tailstock. The flutes are slightly spiralled allowing for the swarf to be easily removed from the cutting surface. Available in whole sizes from 3-13mm.

	Inc.vat	Ex.vat	Code
3mm	£9.95	£8.29	501978
4mm	£9.95	£8.29	501979
5mm	£9.95	£8.29	501980
6mm	£9.95	£8.29	501981
7mm	£9.95	£8.29	501982
8mm	£9.95	£8.29	501983
9mm	£9.95	£8.29	501984
10mm	£11.94	£9.95	501985
11mm	£11.94	£9.95	501986
12mm	£11.94	£9.95	501987
13mm	£13.94	£11.62	501988

Axminster Tailstock Die Holder



This handy device considerably improves the accuracy of thread cutting in the lathe tailstock by holding the die both square and concentric to the work. It consists of a 2MT or 3MT arbor with a parallel shaft, a sliding die carrier with recesses for mounting 13/16" and 1" dies and additional carriers for 1.5/16" and 1.1/2" diameter dies which fit to the main carrier. The arbor is fitted into the tailstock barrel, the die is fitted to the appropriate holder and the sleeve is mounted onto the shaft where it is free to slide along as the thread is cut. Perfect results are guaranteed every time!

	Inc.vat	Ex.vat	Code
2MT	£29.94	£24.95	200229
3MT	£30.95	£25.79	501970



Quick Change Lathe Tooling

So, you've got your new lathe tooling but, you're still fiddling about with packing pieces. As we know engineering is about fine tolerances and not cutting up metal cans to get your tool height. This 'Dickson' style tool post holder eliminates the need for packing. If the tool and holder are kept together, every time you drop it back into the tool post you can guarantee your tool will be at the same height as it was before.

This set includes: standard tool holder, tool holder with V groove (ideal for boring bars), parting blade holder and a tapered parting tool holder. For best results, it is recommended to have a selection of extra holders so each commonly used tool can be given its own holder and be left in place.

	Inc.vat	Ex.vat	Code
4 Piece Set	£99.95	£83.29	100062
Standard Tool Holder	£21.44	£17.87	100185
Tool Holder with Vee Groove	£21.44	£17.87	100186
Tapered Parting Blade	£4.74	£3.95	100188



Medium Quick Release Tool Post Set

A medium quick change tool post with one station. Drilled for a 10mm centre post, could be drilled out to 12mm or 16mm. Supplied with 2 x 12mm shank tool holders and a parting tool holder with parting blade. Each tool holder is adjustable for centre height. A nice upgrade for the typical 9 x 20" hobby lathe user.

	Inc.vat	Ex.vat	Code
Medium Quick Release Tool Post Set	£59.94	£49.95	700371
Turning Tool Holder	£14.45	£12.04	501975
Vee Groove Holder	£14.45	£12.04	501976
Parting Tool Holder	£17.94	£14.95	501977



3 x 330mm EN1A Steel Bars

A pack of three, EN1A leaded steel bars. 330mm long and in 10, 15 and 19mm diameters. Easy to machine and suitable for many projects. Supplied in a plastic tube.

	Inc.vat	Ex.vat	Code
Pack of 3 x 330mm EN1A steel bars	£7.44	£6.20	951678



MetalGuard Ultra Anti Rust Coating

Tried and tested under stringent conditions and valued by a diverse group of tool users for its exceptional protection to all metals. It is used as a very effective defence against corrosion and the effects of damp conditions for up to two years, is easily wiped clean and is free from silicone content. This is an outstanding product complying with MOD and NATO standards.



	Inc.vat	Ex.vat	Code
250ml tin	£15.44	£12.87	701617

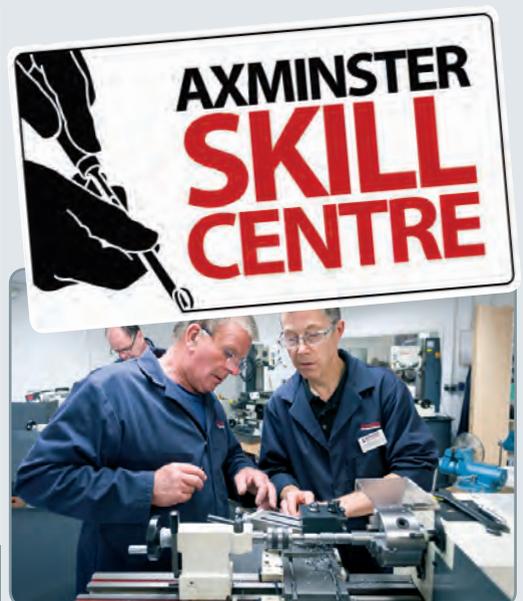
Zeus Reference Book

Zeus Precision Charts Ltd

Zeus reference tables are the constant companion of most engineers and can be a source of critical information for all practical people. Metric / imperial conversion tables, information of all kinds and much more.



	Zero vat	Code
Book - Pb 24 pages	£8.95	662422



Our **Lathe Courses** introduce students to the techniques required for a small engineering lathe. Aimed at the complete beginner, the course will provide a step by step guide of how to set up and use either of this machine safely and constructively.

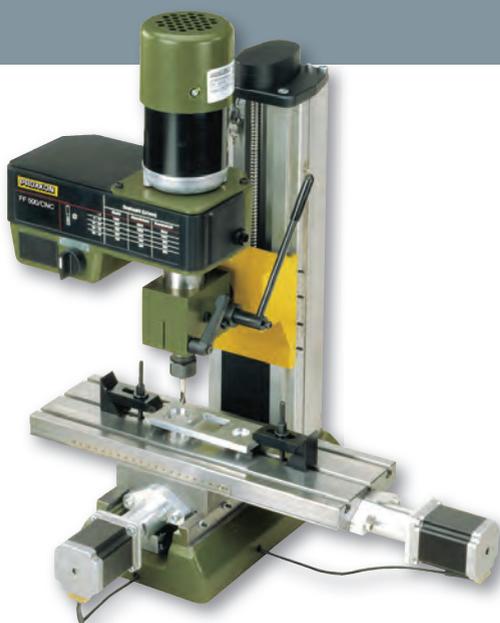
For information on our **Lathe Courses** please contact Vicky Turner on **0800 9751905** or visit www.axminsterskillcentre.co.uk



Axminster Engine Materials Kit

A materials pack to make the Axminster model engine. For free drawings visit: blog.axminsterskillcentre.co.uk

	Inc.vat	Ex.vat	Code
Engine Materials Kit	£24.95	£20.79	717198



Proxxon FF 500 CNC MICRO Mill

Precise work with high repeat accuracy. A wide range of uses for single part and small series production. Machining of steel and non-ferrous metals is possible in all dimensions thanks to CNC control of three tool axes. This also applies to larger workpieces. Axes X, Y and Z with recirculating ball spindles (no backlash) and powerful stepper motors. Apart from this, the mechanical construction is almost identical with the MICRO Miller FF 500 available as a manually operated machine. A solid, flat-milled compound table in steel with three continuous T slots for size eight standard T-nuts. The base is constructed in vibration-damping cast steel. A stable column with dovetail slideway. Swivel-mounted milling head with powerful, quiet and free

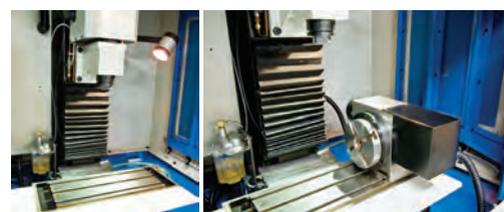
running condenser motor. Poly V-belt drive for 6 spindle speeds. Additional sleeve feed (30mm) using drilling lever with scale ring (1 graduation line = 1mm). This can be clamped with a tommy screw when CNC milling. Cutting tool fixing using a chuck. Complete with CNC control unit, CNC programme software, all connecting cables, 6, 8, 10 and 12mm chucks and detailed manual. Quiet, good-looking and multi-functional. For repeat accuracies of up to 0.05mm. A machining centre for milling, drilling and countersinking which has yet to be equalled. Made in Europe!

	Inc.vat	Ex.vat	Code
FF 500 CNC Micro Mill 230V	£4,499.94	£3,749.95	210676
Splash Guard & Chip Collecting Tray	£139.94	£116.62	953022



Axminster SIEG KX1S CNC Mill

The KX1S is a high precision CNC milling machine, ideal for the education sector, advanced model engineering or small component production. Predominately manufactured in high grade cast iron, resulting in a stable and vibration absorbing platform. Fitted with precision ball screws and direct drive NEMA 23 Hybrid Stepper motors on all axis, giving a repeatable positional accuracy of 0.015mm. The maximum axis speed is 2m/min and the maximum feed speed is 500mm/min. The spindle motor is a high torque 500W brushless DC unit, with full CNC spindle speed control. A central slideway lubrication system is fitted, as are limit switches to all axis. The machine is fully enclosed in a steel cabinet, with an external E-Stop switch, the access doors being held closed with powered magnets. The cabinet also has additional power sockets for the



operating computer, plus extra power points for optional extras. The machine is supplied with straightforward operating software, connection is by an ethernet (LAN) cable to any Windows based computer. The software has an in-built help and tuition programme and will accept G-Code inputs. The options for this machine include a stand, fourth axis rotary table, hand wheel controller and coolant system. If this machine is to be purchased for use in school or college, please contact our Educational Sales Dept, 0845 0707870 for details of our special package.

Axminster Transport Delivery See page 4

	Inc.vat	Ex.vat	Code
SIEG KX1S CNC Mill	£4,799.94	£3,999.95	501007



Axminster SIEG KX3S CNC Mill

The KX3S is a high precision CNC milling machine, the bigger brother of the KX1S. It is ideal for the education sector, prototype engineering or small component production. Predominately manufactured in high grade cast iron, resulting in a stable and vibration absorbing platform. Fitted with precision ball screws and direct drive NEMA 23 Hybrid Stepper Motors on all axis, giving a repeatable positional accuracy of 0.010mm. The maximum axis speed is 1.5m/min and the maximum feed speed is 500mm/min. The spindle motor is a high torque 1,000W brushless DC unit, with full CNC spindle speed control. A central slideway lubrication system is fitted, as are limit switches to all axis. The machine and its electronic control system are fully enclosed in a steel cabinet, with an external E-Stop switch, the access doors being held closed with powered magnets. The cabinet has

Axminster Transport Delivery See page 4

additional power sockets for the operating computer, plus extra power points for optional extras. The machine is supplied with straightforward operating software, connection is by an ethernet (LAN) cable to any Windows based computer. The software has an in-built help and tuition programme and will accept G-Code inputs. The options for this machine include a fourth axis rotary table, hand wheel controller and coolant system. If this machine is to be purchased for use in school or college, please contact our Educational Sales Dept, 0845 0707870 for details of our special package.



	Inc.vat	Ex.vat	Code
SIEG KX3S CNC Mill	£7,349.94	£6,124.95	501008

Comparison Chart - CNC Mills

	FF 500	KX1S	SIEG KX3S
Model	FF 500	KX1S	SIEG KX3S
Rating	Trade	Trade	Trade
Power	400W	500W	1,000W
Spindle Speed	(6) 180 - 2,500rpm	100-7,000rpm	100-3,500rpm
Spindle Taper	-	MT2	MT3
Longitudinal Table Movement	100mm	-	-
Lateral Table Movement	310mm	-	-
Throat	-	150mm	190mm
Table Size	-	400mm x 145mm	470mm x 160mm
Overall L x W x H	-	1,040mm x 860mm x 940mm	1,280mm x 895mm x 1,845mm
Weight	47kg	178kg	510kg

Proxxon PD 400 CNC Lathe



Axminster
Transport
Delivery
See page 4

This is a CNC version of Proxxon's popular PD400 lathe and has many features to create a highly accurate, bench top CNC lathe of high quality.

Axles drive by step motors and recirculating ball spindles (to avoid reversal backlash). Powerful stepper motors driven in micro steps, guarantee high machining precision and repeat accuracy. For facing and longitudinal turning, for turning balls, radii and any freely formed contours made of steel and non-ferrous metals. Workpiece machining is effected automatically by software and can be reproduced as often as required. Solid, heavy cast iron bed and ground "wide-legged" precision Vee guide ensure vibration-free working and optimum precision. Accepts all standard PD400 accessories. Complete with recirculating ball spindles, powerful step motors and the required limit switches, the CNC control unit, all necessary connecting cables and the software on CD-ROM. Operates from any reasonably modern Windows PC, with the ability to accept imported files from CAD programs or create programs manually. Manufactured in Europe, this machine offers an obvious choice for the advanced machinist.

	Inc.vat	Ex.vat	Code
PD400 CNC Lathe 230V	£3,999.95	£3,333.29	210501
Thread Cutting Device	£359.94	£299.95	502024



Axminster SIEG KC45 CNC Lathe

The KC45 CNC Lathe is a high precision machine, compact in size but fully functional. Ideally suited for education, precision machining or small component production. With its bed, apron and tailstock manufactured in high grade cast iron, it is highly stable and vibration free. The spindle is driven by a high torque 500W brushless DC motor via a toothed belt under full CNC speed control. Direct drive NEMA 23 Hybrid Stepper motors power the Z and X axis via precision ball screws giving a positional accuracy of 0.015mm. The maximum axis speed is 2m/min and the maximum feed speed is 500mm/min. A central slideway lubrication system is fitted, as are limit switches to both axis. A four position auto control tool post is fitted, allowing a selection of cutting tools to be fitted. The machine is fully enclosed in a steel cabinet with an external E-Stop switch, the access doors being held closed with

powered magnets. The cabinet also has additional power sockets for the operating computer, plus extra power points for optional extras.

The lathe is supplied with operating system software and can be connected by an ethernet (LAN) cable to any Windows based computer. The software has an in-built help and tuition programme and will accept G-Code inputs.

The options for this machine include a stand, hand wheel controller and coolant system. If this machine is to be purchased for use in school or college, please contact our Educational Sales Dept 0845 0707870 for details of our special package.

Axminster
Transport
Delivery
See page 4

	Inc.vat	Ex.vat	Code
SIEG KC45 CNC Lathe	£5,749.94	£4,791.62	501009



Axminster SIEG KC6S CNC Lathe

The KC6S CNC Lathe is a fully functional, CNC machine, completely integrated in its own cabinet/floor stand. Ideally suited for education and training, precision machining or small component production. With its bed, apron and tailstock manufactured in high grade cast iron it is highly stable and vibration-free. The spindle is driven by a high torque 1,000W brushless DC motor via a toothed belt under full CNC speed control. Direct drive NEMA 23 Hybrid Stepper motors power the Z and X axis via precision ball screws giving a positional accuracy of 0.015mm. The maximum axis speed is 2m/min and the max feed speed is 500mm/min. A central slideway lubrication system is fitted, as are limit switches to both axis. A four position auto control tool post is fitted, allowing a selection of cutting tools to be fitted. The machine and its electronic control system are fully enclosed in a steel cabinet, with an external E-Stop switch, the access doors being held closed

with powered magnets. A sliding swarf drawer is included. The cabinet also has an external 13A power socket for the operating computer, plus extra power points for optional extras.

The lathe is supplied with operating system software and can be connected by an ethernet (LAN) cable to any Windows based computer. The software has an in-built help and tuition programme and will accept G-Code inputs. The options for this machine include a hand wheel controller and coolant system.

If this machine is to be purchased for use in a school or college, please contact our Educational Sales Dept 0845 0707870 for details of our special package.

Axminster
Transport
Delivery
See page 4

	Inc.vat	Ex.vat	Code
SIEG KC6S CNC Lathe	£6,899.94	£5,749.95	501010

Comparison Chart - CNC Lathes

Model	PD400 CNC	SIEG KC45	SIEG KC6S
Rating	Trade	Trade	Trade
Power	550W	500W DC Brushless	1,000W DC Brushless
Spindle Speed	80, 160, 330, 660, 400 & 2,800 rpm	100-3,000rpm	100-3,000rpm
Taper Headstock	3MT	MT3	MT3
Taper Tailstock	2MT	MT2	MT2
Centre Height	85mm	10mm	110mm
Distance Between Centres	400mm	360mm	450mm
Height Over Cross Slide	58mm	-	-
Cross Slide Travel	85mm	-	-
Overall L x W x H	900 x 460 x 300mm	1,000 x 565 x 780mm	1,460 x 1,450 x 760mm
Weight	45kg	140kg	440kg



28 Piece Metric Tap & Die Set

A very useful 28 piece metric coarse tap and die set, economically priced and just the sort of thing to have tucked away in a drawer ready for those odd threading jobs which crop up from time to time. The set consists of first and second taps and dies in 3, 3.5, 4, 5, 6, 8, 10 and 12mm, two tap wrenches, a die holder and a thread gauge.

	Inc.vat	Ex.vat	Code
28 Piece Metric Tap & Die Set	£27.95	£23.29	300155

41 Piece Metric Tap & Die Set

This should cover most general metric thread cutting requirements. A 41 piece metric coarse and metric fine tap and die set, good value and great to have to hand ready for the occasional threading jobs. The set consists of second taps and dies in M3 x 0.5, M4 x 0.7 & 0.75, M5 x 0.9, M6 x 1, M7 x 1, M8 x 1 & 1.25, M9 x 1.25, M10 x 1.25 & 1.5, M11 x 1.5 and M12 x 1.5 & 1.75 plus a bonus tap and die 1/8" BSP. There are three sizes of die holder, three tap wrenches and a 16 leaf thread gauge.

	Inc.vat	Ex.vat	Code
41 Piece Metric Tap & Die Set	£59.94	£49.95	600659

Axminster 0 - 12 BA Tap and Die 23 Piece Set

A 23 piece set of British Association (BA) Taps and Dies. Size range between 0 - 12BA in even numbers only. Taper 1 and bottom plug taps in each size with a mini straight tap wrench. Dies to suit a 13/16" die handle. Made from heat treated carbon steel. Commonly used in models, will create the finest threads. Supplied in a wooden storage box.

	Inc.vat	Ex.vat	Code
0 - 12 BA Tap & Die 23 Piece Set	£52.94	£44.12	953427

Axminster 0 - 10 BA Tap and Die 38 Piece Set

A comprehensive 38 piece set of British Association (BA) Taps and Dies. Size range between 0 - 10BA in all sizes. Plug 2 and bottom plug taps in each size with a mini straight tap wrench. Dies to suit a 13/16" die handle. A BA thread gauge and 3/16" tap guide are included, as is a small automatic centre punch. Made from heat treated carbon steel. Commonly used in models, will create the finest threads. Supplied in a wooden storage box.

	Inc.vat	Ex.vat	Code
38 Piece BA tap & Die Set	£64.94	£54.12	953428



Ambersil

Ambersil Tufcut Metal Cutting Compound

- Ready to use straight from tin
- Can be used on most metal, particularly effective on steel
- Very economical to use
- Eliminates chip weld
- Prolongs tool life



	Inc.vat	Ex.vat	Code
500g	£12.95	£10.79	952141

Ig2 Universal Tap and Tapping Drill Bit Set

A quality tap and tapping drill bit set consisting of machine taps which can be used as a hand tap and in a milling/drilling machine with a tapping feature. The fluted design of the taps means the swarf is removed quickly from the thread and they can be used for both through and blind holes. Only one tap is needed for each thread and each tap is accompanied with the relevant tapping drill bit. The set includes M3, M4, M5, M6, M8, M10 and M12 taps and 2.5, 3.3, 4.2, 5, 6.8, 8.5 and 10.2mm drill bits.

	Inc.vat	Ex.vat	Code
Universal Tap and Goldex Drill Set	£49.44	£41.20	504851

Ig2 HSSE Universal Taps

These are machine taps which can be used as a hand tap and in a milling/drilling machine with a tapping feature. The fluted design of the taps means the swarf is removed quickly from the thread and can be used for both through and blind holes. Only one tap is needed for each thread and each tap is accompanied with the relevant tapping drill bit. Available in sizes M3, M4, M5, M6, M8, M10 and M12.

	Inc.vat	Ex.vat	Code
HSSE Universal Tap M3	£8.75	£7.29	504844
HSSE Universal Tap M4	£8.75	£7.29	504845
HSSE Universal Tap M5	£9.14	£7.62	504846
HSSE Universal Tap M6	£9.14	£7.62	504847
HSSE Universal Tap M8	£11.75	£9.79	504848
HSSE Universal Tap M10	£13.96	£11.63	505887
HSSE Universal Tap M12	£18.95	£15.79	504850

Metric Taps Coarse

Taps are provided in three forms, taper for starting off a thread, second for follow up tapping and plug for tapping blind holes.

	Inc.vat	Ex.vat	Code
M2 x 0.4 Taper	£10.44	£8.70	910027
M2 x 0.4 Second	£10.44	£8.70	910026
M2 x 0.4 Plug	£10.44	£8.70	910025
M2.5 x 0.45 Taper	£10.44	£8.70	910031
M2.5 x 0.45 Second	£10.44	£8.70	910029
M2.5 x 0.45 Plug	£10.44	£8.70	910028
M3 x 0.5 Taper	£6.95	£5.79	910040
M3 x 0.5 Second	£6.95	£5.79	910039
M3 x 0.5 Plug	£6.95	£5.79	910038
M3.5 x 0.6 Taper	£6.95	£5.79	910043
M3.5 x 0.6 Second	£6.95	£5.79	910042
M3.5 x 0.6 Plug	£6.95	£5.79	910041
M4 x 0.7 Taper	£6.95	£5.79	910047
M4 x 0.7 Second	£6.95	£5.79	910046
M4 x 0.7 Plug	£6.95	£5.79	910045
M5 x 0.8 Taper	£6.95	£5.79	910050
M5 x 0.8 Second	£6.95	£5.79	910049
M5 x 0.8 Plug	£6.95	£5.79	910048
M6 x 1.0 Taper	£6.95	£5.79	910057
M6 x 1.0 Second	£6.95	£5.79	910053
M6 x 1.0 Plug	£6.95	£5.79	910052
M8 x 1.25 Taper	£10.44	£8.70	910060
M8 x 1.25 Second	£10.44	£8.70	910059
M8 x 1.25 Plug	£10.44	£8.70	910058
M10 x 1.5 Taper	£10.44	£8.70	910015
M10 x 1.5 Second	£10.44	£8.70	910013
M10 x 1.5 Plug	£10.44	£8.70	910011
M12 x 1.75 Taper	£11.94	£9.95	910023
M12 x 1.75 Second	£11.94	£9.95	910020
M12 x 1.75 Plug	£11.94	£9.95	910019

Metric Coarse Split Dies

A range of 13/16" & 1" O/D Metric Split dies.

	Inc.vat	Ex.vat	Code
M2 x 0.4 Die x 13/16" OD	£17.45	£14.54	410105
M2.5 x 0.45 Die x 13/16" OD	£17.45	£14.54	410106
M3 x 0.5 Die x 13/16" OD	£13.94	£11.62	410107
M3.5 x 0.6 Die x 13/16" OD	£13.94	£11.62	410108
M4 x 0.7 Die x 13/16" OD	£13.94	£11.62	400498
M5 x 0.8 Die x 13/16" OD	£13.94	£11.62	410109
M6 x 1 Die x 13/16" O/D	£13.94	£11.62	701024
M8 x 1.25 Die x 1" OD	£17.45	£14.54	410111
M10 x 1.5 Die x 1" OD	£17.45	£14.54	410103
M12 x 1.75 Die x 1" OD	£20.45	£17.04	410104

NEW!



NEW!



Axminster Tap Wrench Aligner

If you have trouble getting your taps to start off square in the pilot hole then this device could be for you. The tap wrench, which will handle from 2.5mm to 6mm square, locates in a sleeve with a 40mm diameter base machined square to the bore to ensure perfect alignment. There is a triangular groove cut across the base for accurate tapping into circular bars or tubes. Two apertures in the side of the sleeve allow you to check the progress of the tap.

	Inc.vat	Ex.vat	Code
Tap Aligner	£19.44	£16.20	200249

T-Handled Tap Wrenches

A popular style of tap wrench for use when tapping by hand. The sizes on offer cover the very smallest 1.5mm right up to 12mm, perhaps the largest tap that it would be sensible to use in this style of tap wrench. The sizes comfortably overlap so as to ensure that each individual holder covers a range of taps.

	Inc.vat	Ex.vat	Code
Tap Wrench 1.5-5mm	£2.24	£1.87	910488
Tap Wrench 5-8mm	£2.45	£2.04	910489
Tap Wrench 6-12mm	£3.44	£2.87	910486

Adjustable Tap Wrenches

A range of heavy duty tap and reamer wrenches suitable for both hand tapping and for use in the lathe. They have cast iron outer bodies, 2 hardened steel jaws and twin handles. Available in lengths varying from 185mm to 280mm and covering tap sizes from 3.5mm to 14mm.

	Inc.vat	Ex.vat	Code
3.5-10mm, 185mm Long	£2.94	£2.45	340287
7-14mm, 280mm Long	£3.44	£2.87	340288

Die Holders for Split Dies

Manufactured of steel throughout, these die holders have 3 individual screws for locating the dies into the stocks and for the fine adjustment of the die diameter.

	Inc.vat	Ex.vat	Code
13/16" Die Holder	£2.45	£2.04	410193
1" Die Holder	£2.84	£2.37	410189
1.5/16" Die Holder	£3.74	£3.12	410194

Threadlocker

The answer to nuts and bolts or setscrews that must stay tight. Clearly defined by its blue colour Threadlocker holds firm against vibration, is waterproof, heat and chemical resistant but can be dismantled with ordinary tools when necessary. Applied directly to the components before assembly, the locking compound develops a hold in 15 minutes and gains full strength in 3 hours.

	Inc.vat	Ex.vat	Code
Threadlocker 6ml	£3.65	£3.04	324345

Metric/Imperial Thread Pitch Gauge

A simple device for checking the pitch of screw threads, particularly useful when trying to identify threaded items like bolts and setscrews. One end has a range of imperial pitches and the other has metric. Every workshop should have one of these along with the Zeus Reference Book, the popular small pocket booklet that is the reference book for fitters, metal workers and draughtsmen.

	Inc.vat	Ex.vat	Code
Gauge	£3.74	£3.12	900472

Axminster Arbor Presses - AP0/1

Hand operated arbor press which is very useful for assembling the brass tubes into the wooden blanks of the woodturning project kits. Pressure is firm and uniform and the components are held square whilst being inserted. The AP0 has a travel of 114mm and a 19mm square arbor, 0.5 Tonne pressure, whereas the AP1 has a travel of 133mm and a 25mm square arbor. 1 Tonne pressure.

	Inc.vat	Ex.vat	Code
No 0 Arbor Press	£33.95	£28.29	340041
No 1 Arbor Press	£47.94	£39.95	340042

Axminster 5 Kilo Anvil

This handy 5-kilo (11 lb) anvil has a flat working surface 125mm x 60mm with a 90mm long tapering horn. Four cut-outs are provided in the base for permanent fixing if required. Made of cast iron.

	Inc.vat	Ex.vat	Code
5 Kilo Anvil	£15.95	£13.29	110149

Adjustable Vice Jaw Benders

Exceptionally useful sheet metal benders which fit to the jaws of a vice with magnets. The die is in three parts allowing a range of complex bends to be formed. Available in two sizes, 100mm or 150mm.

	Inc.vat	Ex.vat	Code
Metal Bender 100mm	£29.94	£24.95	300371
Metal Bender 150mm	£39.95	£33.29	310013



Veritas Metal Bender

veritas

There are times when you need to bend a metal part, and simply using a vice and some brute force just won't do the job. This metal bender allows anyone to form a metal part with control.

The product has two parts: the male die and the V-block. Both are made of high strength malleable cast iron, capable of bending up to 3.2mm (1/8") mild steel. Each piece (about 75mm (3") long by 28mm (1.1/8") wide) clamps itself against a vice jaw using embedded rare earth magnets.

The main purpose of the metal bender is to make bends up to 90° for such things as angle brackets and sheet metal parts. Using the V-block on its own, you can securely hold rounds such as rods, tubes and dowels. Combining the V-block with a C-clamp makes easy work of repairing a chair leg. The male die on its own can hold complex curved or concave parts between the jaws. A versatile and inexpensive tool for any workshop.

	Inc.vat	Ex.vat	Code
Metal Bender	£19.94	£16.62	476080

York Sheet Metal Bender

Another excellent product from the York stable, a vice mounted sheet metal bender with a maximum capacity of 500mm wide by 1.5mm thick mild steel. The material is slid into position between the two bending plates, an adjustment made for setting the required radius, the clamp screws tightened and the two handles are pulled upwards to form a bend of the required angle, up to a maximum of 135°. As one end of the clamp is opened, closed sections such as channels can be fed into the bender from one end for further bends to be made.

	Inc.vat	Ex.vat	Code
Sheet Metal Bender	£189.95	£158.29	211662



Axminster Metal Bender

A straightforward and easy to operate, bench mounted or hand held metal bender ideal for bending tubes, solid bar or strip. It is supplied complete in a carrying case with six mandrels for various radii in metal strip and four formers for bending round material or tube. Maximum capacities as follows solid bar - 6mm, pipe and tube - 10mm, strip 40 x 4mm (max 3mm for right angle bends). Overall size (when fully open) 250 x 120mm. The Metal Bender also includes a magnetic angle clamp to help with final assemblies of parts.

	Inc.vat	Ex.vat	Code
Metal Bender	£52.94	£44.12	200448



SIEG Miniature Universal Bender

This Universal Bending Machine bends wire and strip into smooth curves, in multiple planes and into complex shapes, including S-curves, squares and coils. Use it on soft wire up to 8mm dia. and metal strip up to 25mm wide. Clamps into workbench mounted vice, or can be bench mounted with 8mm bolts (not included). Set includes 4, 6, 12 and 25mm dia. circle pins, 300mm long lever with rubberised grip, follower tool and two stop pins for making duplicate parts. Overall size: 225mm long x 82mm high x 62mm wide (not including lever). Made of rust-protected steel.

	Inc.vat	Ex.vat	Code
SIEG Miniature Universal Bender	£69.95	£58.29	211977

SIEG Miniature Wire Bender

Wire, rod and strip bender makes angles, loops, eyes, U, C & S shapes in brass, copper and steel quickly and easily. Even bends the hardest music wire up to 1/8" diameter. Made of steel with rust resistant black oxide finish and hardened radius pins. 175mm long arm and rubber grip gives extra leverage for tough materials. Must be locked in a vice during use.

	Inc.vat	Ex.vat	Code
SIEG Miniature Wire Bender	£13.94	£11.62	211978



305mm Sheet Metal Worker

A compact three-function sheet metal working machine which will shear, roll and bend thin sheet material up to a maximum width of 305mm. The handle operates all three functions at the same time - the rolls are rotated directly whilst the bending and shearing functions operate via an eccentric cam. The bending dies can be removed in sections to allow for partial bends to be formed and the top roll can be removed completely when forming closed cylinders. The maximum thickness capacity of steel 0.5mm, aluminium 1.5mm makes this a most suitable piece of kit for the home engineer's workshop.

	Inc.vat	Ex.vat	Code
Sheet Metal Worker 305mm	£199.94	£166.62	900118



750mm Sheet Metal Worker

This is a larger sized three function metal working machine which will shear, roll and bend thin sheet material up to a maximum width of 750mm. The handle operates all three functions at the same time - the rolls are rotated directly whilst the bending and shearing functions operate via an eccentric cam. The bending dies can be removed in sections to allow for partial bends to be formed and the top roll can be removed completely when forming closed cylinders. The maximum thickness capacity of steel 0.8mm aluminium 1.5mm makes this a most suitable piece of equipment for the home engineer or small trade workshop.

	Inc.vat	Ex.vat	Code
Sheet Metal Worker 750mm	£449.94	£374.95	810165

Axminster Bench Shear

A no-nonsense bench mounted shear with all-steel construction and 10mm thick hardened blades, 150mm long. Cutting capacity is 1.5mm thick in mild steel and there is a rod cutting facility which will handle 6mm diameter material. The cutting edges of the blades are offset in such a way as to allow any length of material to be cut, making this a very versatile tool for the engineer's workshop. Handle length is a generous 490mm and the overall length of the shear is 280mm. Four fixing holes are provided in the base.

	Inc.vat	Ex.vat	Code
Bench Shear 150mm	£64.94	£54.12	400099





Online VIDEO available

Axminster Power Nibbler

This power nibbler fits into the chuck of a mains power drill and is capable of cutting sheet steel up to 2mm. For best results the drill speed should be in the range of 1500 to 3000 rpm. It works on the same punch and die system as a true powered nibbler, effectively removing tiny crescent-shaped pieces of waste in a continuous chain. Cleverly, this nibbler is double headed, with the handle screwing over the head which is not in use, so when one die becomes worn, the handle can be swapped over and the other head brought into use. A spare punch and die are included within the steel storage box.

	Inc.vat	Ex.vat	Code
Power Nibbler	£21.95	£18.29	900038
Replacement Punch	£4.96	£4.13	900039



Suction Lifters

A choice of two models, either single or double cup, both being made from strong mouldings fitted with rubber bases. The single cup version is activated by closing the two handles, the double by depressing the individual toggles. Effective on glass or any smooth surface, a very useful item when it comes to moving household appliances around such as fridges or washing machines, just attach a lifter for an instant handle. Pad diameter 115mm(4.1/2"), lifting capacities are 40kg for the single, 60kg for the double.

	Inc.vat	Ex.vat	Code
Single Suction	£4.25	£3.54	300259
Double Suction	£7.74	£6.45	300293

Tamaco Hand Tally Counter

A sturdy four figure hand operated reset counter with push button actuator and handy thumb ring for easy operation. Counting up to a maximum of 9,999 this unit is recommended for applications where the operator is mobile such as survey, attendance or inventories.



	Inc.vat	Ex.vat	Code
Hand Tally Counter	£9.05	£7.54	910044



Ambersil

Ambersil Tufcut Aqua Cutting Fluid

- Use in automated metal working, CNC & manual cutting operations
- Allows increased cutting speeds
- Transparent
- Remains viable longer than traditional fluids
- Contains cleaning & degreasing surfactants



	Inc.vat	Ex.vat	Code
5 litre	£62.94	£52.45	952139
300ml	£8.24	£6.87	504741



Fisch 5 Piece Metal Twist Drill Set

- Excellent clean cuts for long periods of use
- Ground from one piece giving the bit extra strength
- Perfect for drilling sheet metal and most other metals
- Includes 3,4,5,6 and 8mm
- Made in Austria

	Inc.vat	Ex.vat	Code
5 Piece Set	£24.24	£20.20	502159



Fisch Metal Twist Drill Hex Shank

These 1/4" shank, short series multi-faceted metal drill bits from Fisch are made to a very high standard, giving excellent clean cuts for long periods of use. They are ground from one piece giving the bit extra strength. They are perfect for drilling sheet metal and most other metals. The 1/4" quick change shank is hardened to DIN3126.E6.3. Available in 3,4,5,6,8 and 10mm. Made in Austria.

Diameter	L1	L2	Inc.vat	Ex.vat	Code
3mm	20mm	60mm	£5.64	£4.70	502153
4mm	20mm	60mm	£5.75	£4.79	502154
5mm	25mm	65mm	£6.05	£5.04	502155
6mm	25mm	65mm	£6.14	£5.12	502156
8mm	30mm	70mm	£9.24	£7.70	502157
100	30mm	70mm	£11.24	£9.37	502158
5 Piece Set			£24.24	£20.20	502159



Armeg Acceler8 Holesaw

This is no ordinary holesaw. It is built for speed and durability and designed specifically for drilling in sheet steel up to 1.6mm thick. The slim kerf of 0.6mm reduces resistance and the HSS cutting edge of 8tpi makes for a fast and smooth drilling action. The cutting edge has an 8% cobalt content for extra durability and the standard 1/4" hex shank is impact resistant, enabling you to use them in an impact driver. A flared depth stop means you will not push the holesaw right through and the internal ejection spring makes for hassle-free fast drilling.

	Inc.vat	Ex.vat	Code
14mm	£14.94	£12.45	504767
16mm	£15.24	£12.70	504768
18mm	£15.44	£12.87	504769
20mm	£15.95	£13.29	504770
22mm	£16.25	£13.54	504771
25mm	£16.44	£13.70	504772
30mm	£17.94	£14.95	504773
32mm	£18.24	£15.20	504774
35mm	£18.65	£15.54	504775
38mm	£18.95	£15.79	504776
Holesaw Replacement Drive Pilot	£3.44	£2.87	504779
Holesaw Replacement Spring	£0.95	£0.79	504778



Armeg LDX Metal Cutter

The LDX metal cutters from Armeg can be used to cut both thick and thin metal. They have a special tungsten carbide tooth which provides excellent wear and heat resistance. An ejector spring is used for easy removal of the waste and a safety collar stop prevents over penetration, making for safer and faster drilling. Available in both a short(SS) and long(LS) series in a range of metric sizes. Short series are suited to cutting steel plate, iron, aluminium, stainless and plastics up to 4.75mm thick. Long series can be used for cutting pipe, thick steel, steel plate, iron, aluminium, copper, cast iron and stainless steel up to 25mm thick. Perfect for electrical applications, lighting fixtures, body repairs, trailer frames, steel fabrications and structural steel. Can be used with a portable power drill. Coolant is highly recommended.

	Inc.vat	Ex.vat	Code
14mm	£26.45	£22.04	502174
16mm	£26.45	£22.04	502175
20mm	£26.45	£22.04	502176
22mm	£26.45	£22.04	502177
25mm	£26.45	£22.04	502178
32mm	£33.44	£27.87	502179
18mm	£42.95	£35.79	502180
20mm	£42.95	£35.79	502181
22mm	£43.94	£36.62	502182
25mm	£43.94	£36.62	502183
30mm	£49.94	£41.62	502184
35mm	£55.94	£46.62	502185
40mm	£59.94	£49.95	502186
50mm	£66.95	£55.79	502187
LS Pilot Drill LDX for Long Series	£6.24	£5.20	502189
LS Pilot Drill LDX for Short Series	£7.44	£6.20	502188
Grub Screw for LDX Metal Holesaws	£0.95	£0.79	502192
Replacement SS Spring	£1.45	£1.21	502190
Replacement LS Spring	£1.55	£1.29	502191



This is no ordinary holesaw set. These pieces are built for speed and durability and designed specifically for drilling in sheet steel up to 1.6mm thick. The slim kerf of 0.6mm reduces resistance and the HSS cutting edge of 8tpi makes for a fast and smooth drilling action. The cutting edge has an 8% cobalt content for extra durability and the standard 1/4" hex shank is impact resistant, enabling you to use them in an impact driver. A flared depth stop means you will not push the holesaw right through and the internal ejection spring makes for hassle-free fast drilling. Set includes: 20, 25 and 32mm holesaws and a spare arbor.

	Inc.vat	Ex.vat	Code
Acceler8 Holesaw 3 Piece Set	£45.95	£38.29	504777

Sheet Metal Working



Deburring Tool with 5 Tips

Deburring tool, with tubular handle containing spare deburring tips.

	Inc.vat	Ex.vat	Code
Deburring Tool	£19.94	£16.62	700073

TiN Coated Stepped Bit Set

A set of three high speed steel stepped drill bits for producing precise parallel-sided holes in metals, fibreglass and other plastics. Size range covered by the set is 4mm to 30mm diameter in 2mm steps (max. depth 4mm). Titanium nitride coated for increased wear resistance. 8mm shank.



	Inc.vat	Ex.vat	Code
Stepped Cone Set	£41.94	£34.95	300291

Coated Conical Bit Set

A set of three, high speed steel, stepless conical cutters for producing burr-free holes in metals and plastics. Size ranges are 3mm-14mm, 8mm-20mm and 16mm-30mm diameter. 8mm shank.



	Inc.vat	Ex.vat	Code
Conical Bit Set	£27.95	£23.29	300290

Axminster Set of 7 Adjustable Reamers

A nice set of 7 small adjustable blade reamers ranging from 1/4"-15/32" (6.3-11.90mm). Each reamer has a range of 1/32" (0.79mm). These are used to size a hole exactly to the size you require. Simply adjust slightly each time until the required size is reached. As well as the hole being the correct size it will also be perfectly round, ideal for inserting locating pins etc. The reamers have a square head to enable a hand tap wrench to be used, one ranging from 3.5-10mm will be perfect.



	Inc.vat	Ex.vat	Code
Set of 7	£32.94	£27.45	950131

Axminster Set of 8 Medium Adjustable Reamers

A set of 8 adjustable reamers with a size range of 15/32"-1-1/32" (11.90-26.20mm). Each reamer has an adjustment range of 1/16" (1.58mm) except the two largest sizes which are of 3/32" (2.37mm) range. If you need to produce a perfectly sized and concentric hole in a bush or pivot ect then a reamer is the tool to use. Having a square drive end of 5.5-12mm makes them easy to use with a suitably sized hand tap wrench. Supplied in a wooden box, every engineer should have a set.



	Inc.vat	Ex.vat	Code
Set of 8	£45.95	£38.29	950132

Riveters

Arrow RH200 Professional Riveter

Robust steel construction riveter with interchangeable screw-in nose pieces for the full range of rivet sizes. The arms with their powerful lever action have comfortable moulded grips and the head is extended for better access into tight corners. A first rate tool for the professional workshop.



	Inc.vat	Ex.vat	Code
RH200 Professional Riveter	£13.94	£11.62	810086

Arrow Twist Head Riveter

A solid professional tool with an innovative rotating head, mounted on a 45° swivel plate, that can be rotated through a full 360° allowing you to put a rivet into the most awkward of positions without having to be a contortionist. Supplied with wrench and four interchangeable nozzles, the Twister can use the full range of aluminium or up to 4mm steel rivets. Spring loaded handles with vinyl grips, all steel construction.



	Inc.vat	Ex.vat	Code
Twist Head Riveter	£17.94	£14.95	340260

Axminster R15 Air Riveter Kit

A production rivet gun kit with four different rivet heads for blind rivets 3mm, 4mm and 5mm. The rivet is easily set with a pull on the trigger and without the risk of damaged knuckles. On the rear of the gun is a receiver which catches rivet shanks and stores them ready for later disposal. Supplied in a kit box with an impressive collection of rivets, jaws, noses, spare parts and tools. This gun will work on virtually any compressor with a reservoir tank. 1/4" BSP female fitting.



	Inc.vat	Ex.vat	Code
Air Riveter Kit	£81.95	£68.29	800435

Pop Rivets

3, 4 and 5mm head diameter alloy Pop Rivets for maximum grip. Material lengths are 3mm(short), 6mm(medium) and 13mm(long). Supplied in boxes of 100 or 50.

	Inc.vat	Ex.vat	Code
3mm Alloy Short (Pkt 100)	£1.94	£1.62	900086
3mm Alloy Medium (Pkt 100)	£1.94	£1.62	900085
3mm Alloy Long (Pkt 100)	£2.04	£1.70	900084
4mm Alloy Short (Pkt 100)	£2.24	£1.87	900089
4mm Alloy Medium (Pkt 100)	£2.45	£2.04	900088
4mm Alloy Long (Pkt 50)	£1.85	£1.54	701468
5mm Alloy Short (Pkt 50)	£1.94	£1.62	701471
5mm Alloy Medium (Pkt 50)	£2.04	£1.70	701470
5mm Alloy Long (Pkt 50)	£2.24	£1.87	701469

Metal Cutting

Makita

Makita
3 year
Warranty
Registration req'd

230V

NEW!



Makita 2414EN Abrasive Cut-Off Saw

This abrasive saw will cut ferrous and non-ferrous metals. It has ample power making it suitable for site or workshop use. With a maximum cutting capacity of 115mm, it will cut a range of sizes and can be used for all kinds of material sizing work. A sturdy vice is fitted for safe work holding especially when angle cutting. The 3-piece retractable safety guard and removable lock-off switch gives safe operation. Rubber feet prevent the machine moving around on the bench or floor during use. This is a sturdy, well built machine that complies with EU standards (BN61029-2-10; 2010).

Supplied with abrasive wheel for steel cutting.

Model	2414EN		
Rating	Industrial		
Power	1,650W		
Blade Speed	3,800rpm		
Max Capacity Round	115mm		
Max Capacity Rectangular	115mm		
Overall L x W x H	500 x 310 x 400mm		
Weight	17.6kg		

	Inc.vat	Ex.vat	Code
2414EN Abrasive Saw 230V	£229.94	£191.62	503847
355mm(14") Metal Cutting Disc	£4.44	£3.70	400131

Makita

Makita LC1230 TCT Cut Off Saw

Fast cutting with no sparks, this cut off saw gives a cold cut using a tungsten carbide tipped (TCT) saw blade and is fitted with a powerful 1,650W motor, it will cut angle iron, pipe, tubing, conduit and channel sections giving a clean accurate cut that is virtually burr free. Fitted with a tool less adjustable guide plate 0 - 45° for quick and easy mitre cutting, the quick release vice adjusts quickly and holds work firmly. The large 'D' handle ensure a positive grip whilst the lockoff switch prevents accidental starting. The maximum cutting depth is 115mm at 90° and 90mm at 45°. Supplied with TCT blade and Safety goggles.

Makita
3 year
Warranty
Registration req'd

230V
or
110V



Model	LC1230		
Rating	Industrial		
Power	1,650W		
Blade Speed	1,300rpm		
Max Capacity Round	115mm		
Max Capacity Rectangular	115mm		
Overall L x W x H	500 x 310 x 400mm		
Weight	19.3kg		

	Inc.vat	Ex.vat	Code
LC1230 Saw 230V	£399.95	£333.29	952325
LC1230 Saw 110V	£399.95	£333.29	952341
305mm Cut Off Saw Blade	£79.94	£66.62	950426



Axminster Model Engineer Series UE-125DV Bandsaw

The smallest and most portable metal cutting bandsaw within our range, it is fully featured and built to an exceptional standard. Very suitable for the home model engineer where space may be tight but an accurate machine is required. Constructed mainly from cast alloy and sheet steel, it has a very rigid bow that enables a high degree of tension to be applied to the blade. The whole bow and motor assembly can be swivelled from 0° to 60° to create accurate bevelling. The blade is firmly controlled by double ball bearing guides. The direct drive motor is fitted with variable speed, so speed can be adjusted to suit the task in hand. It is conveniently operated by a hand trigger switch on the bow, and a spring system supports the weight of the bow during operation. A latching pin holds the bow in the closed position for ease of moving. This is a compact and very well made machine with enough capacity for most model engineering requirements and it can be relied on to deliver an accurate performance every time.

	Inc.vat	Ex.vat	Code
UE-125DV1 Bandsaw 230V	£329.94	£274.95	505213
Blade 1,400mm (55") x 13mm(1/2") x 10-14tpi	£25.45	£21.21	508217
Blade 1,400mm x 13mm Metal Cutting 10tpi	£10.45	£8.71	508215
Blade 1,400mm x 13mm Metal Cutting 14tpi	£30.46	£25.38	508216



NEW!

Axminster Model Engineer Series UE-127DV1 Bandsaw



The second machine in our Model Engineer Series metal cutting bandsaw range is, again, very functional and manufactured to a high standard. Especially suitable for the home Model Engineer where space may be tight but an accurate machine is required. Constructed mainly from cast alloy and cast iron, it has a larger, very rigid bow that enables a high degree of tension to be applied to the blade. The blade guides and blade tensioning system are also beefed up compared to the lighter model. The whole bow and motor assembly can be swivelled from 0° to 60° on the cast alloy base to create accurate bevelling. The blade is firmly controlled by larger double ball bearing guides. The direct drive motor is fitted with variable speed, so speed can be adjusted to suit the task in hand. There is also the choice of a fully automatic function or it can be hand operated by a trigger switch on the bow. A locking Emergency Stop switch is fitted. A spring system supports the weight of the bow during both operations. A latching pin holds the bow in the closed position for ease of carrying. The vice is accurately made from cast iron for durability. This is a compact and very well made machine with enough capacity for most model engineering requirements and can be relied on to deliver an accurate performance every time.

	Inc.vat	Ex.vat	Code
UE-127DV1 Bandsaw 230V	£374.94	£312.45	505214
Blade 1,400mm (55") x 13mm(1/2") x 10-14tpi	£25.45	£21.21	508217
Blade 1,400mm x 13mm Metal Cutting 10tpi	£10.45	£8.71	508215
Blade 1,400mm x 13mm Metal Cutting 14tpi	£30.46	£25.38	508216



NEW!

Axminster Model Engineer Series UE-153DV1 Bandsaw



The third machine in our Model Engineer Series metal cutting bandsaw range is of much heavier built, with greater capacities, a cast iron base and vice assembly. Especially suitable for the serious home model engineer or small engineering workshop that needs a robust and accurate machine. This machine has a larger, very rigid bow that enables a high degree of tension to be applied to the blade. The blade guides and blade tensioning system are also beefed up compared to the lighter models. The whole bow and motor assembly can be swivelled from 0° to 60° on the cast iron base to create accurate bevelling. The bow pivot casting is also much larger and stronger than on the two lighter models. The blade is firmly controlled by larger double ball bearing guides and the vice is accurately made from cast iron for durability. The direct drive motor is fitted with variable speed, so speed can be adjusted to suit the task in hand. There is also the choice of a fully automatic function or it can be hand operated by a trigger switch on the bow. A locking Emergency Stop switch is fitted. A spring system supports the weight of the bow during both operations. A latching pin holds the bow in the closed position for ease of carrying. There is also an optional plate steel floor stand, fitted with wheels for mobility. This is a compact and very well made machine with enough capacity for model engineering or small engineering workshop requirements and it can be relied on to deliver an accurate performance every time.

	Inc.vat	Ex.vat	Code
UE-153DV1 Bandsaw 230V	£549.95	£458.29	508208
Blade 1,785mm(70") x 13mm(1/2") x 10-14tpi	£30.95	£25.79	508220
Blade 1,785mm x 13mm Metal Cutting 10tpi	£11.45	£9.54	508218
Blade 1,785mm x 13mm Metal Cutting 14tpi	£37.45	£31.21	508219



NEW!

NEW!

Stand for UE-153DV1 Bandsaw

- Optional floor stand for the UE-153DV1 metal cutting bandsaw
- Made from folded, welded sheet steel for high strength
- Fitted with a pair of wheels for mobility around the workshop

	Inc.vat	Ex.vat	Code
Stand for UE-153DV1 Bandsaw	£109.94	£91.62	508209

Comparison Chart - Axminster Model Engineer Metal Cutting Bandsaws

Model	UE-125DV	UE-127DV1	UE-153DV1
Rating	Model Engineer	Model Engineer	Model Engineer
Power	300W	300W	375W
Blade Speed	23-75m/min	23-75m/min	35-85m/min
Blade Length	1,440mm	1,440mm	1,785mm
Max Capacity Round	125mm	125mm	153mm
Max Capacity Rectangular	130 x 120mm	130 x 120mm	153 x 175mm
Overall L x W x H	730 x 383 x 475mm	730 x 383 x 475mm	950 x 460 x 570mm
Weight	21kg	23kg	52kg



Axminster Model Engineer Series MCB1155HD Swivel Head Metal Cutting Bandsaw

- All cast iron frame and bed for strength and rigidity
- Quick release vice swivels from -45° to +60°
- Hydraulic downfeed control with infinitely variable adjustment
- 3 speed belt drive to allow the machine to cope with a wide variety of materials
- Adjustable length stop and automatic downfeed stop
- All ball bearing blade guides
- Pull-out handle and wheels to allow easy movement around the workshop

A versatile, medium sized metal cutting bandsaw with several notable features. This machine will be ideal for the smaller fabrication jobs, especially those which require materials accurately cut at various angles.

Model	MCB1155HD
Power	560W
Blade Speed	23, 34 & 54 m/min
Blade Length	1,640mm
Base Size	475 x 337mm
Max Capacity Round	125mm
Max Capacity Rectangular	100 x 150mm
Overall L x W x H	1,079 x 1,350 x 442mm
Weight	87kg

	Inc.vat	Ex.vat	Code
Swivel Head Metal Cutting Bandsaw	£349.94	£291.62	700103
Bandsaw Blade 10tpi	£10.96	£9.13	340685
Bandsaw Blade 14tpi	£10.96	£9.13	340686
Bandsaw Blade 24tpi	£10.96	£9.13	340687
Pack of 3 Blades (64.1/2")	£29.45	£24.54	719668
Bi-Metal Blade 10-14tpi	£25.45	£21.21	951593



Axminster Engineer Series UE-712SB Bandsaw

This metal cutting bandsaw is designed for use in fabrication and general engineering workshops. It is a swivelling head design which makes it easier to create accurate mitre cuts. Heavily built in cast iron to provide high strength and stability, it includes a floor stand with a built-in coolant system, mobility wheels and sealed electrical control box. The 750kW 230V motor drives the blade through a 4-speed belt drive system, and is controlled by a convenient switch box mounted on the blade bow. An adjustable hydraulic damper controls the blade downfeed, with the machine being stopped automatically once the cut is completed. For batch cutting of components, a slip-in deflector tray will divert the cut item into a box placed next to the machine. The head and bow assembly swivels through 0° to 45° with indexing stops for each 15° increment. Coolant flow is controlled with a small valve mounted on the bow. This is a thoroughly well engineered machine that will suit many workshops, schools and colleges.

Model	UE-712SB
Rating	Engineer
Power	750W (230V 1ph)
Blade Speed	4 speeds 22, 33, 45, 65 m/min
Blade Length	2,360mm
Max Capacity Round	180mm
Max Capacity Rectangular	180 x 267mm
Overall L x W x H	1,300 x 500 1,250mm
Weight	180kg

	Inc.vat	Ex.vat	Code
UE-712SB Bandsaw 230V	£1,349.94	£1,124.95	505215
2,362mm (93") x 19mm (3/4") x 10-14Tpi	£29.95	£24.96	951599



Jet HVBS-812 RK Metal Bandsaw

This is a larger, more powerful bandsaw suitable for the larger fabrication and general engineering workshops. It features increased motor power, four blade speeds, double row ball bearing blade guides, a built-in coolant system and greatly increased cutting capacity. The downward cutting pressure is controlled by a fully adjustable hydraulic damper with an on/off valve and there is an automatic cut-off at the end of the cut. The vice rotates for mitre cutting and there is an adjustable material stop for consistent repeat length cutting. Supplied with coolant system and blade.

	Inc.vat	Ex.vat	Code
HVBS-812RK Bandsaw 230V	£1,149.95	£958.29	510206
Bandsaw Blade 10tpi	£15.95	£13.29	340834
Bandsaw Blade 14tpi	£15.95	£13.29	340835
Bi-Metal Blade 10-14tpi	£29.95	£24.96	951599



Axminster SIEG G1 Powered Hacksaw



This is a simple and very robust bench top power hacksaw for general metal cutting duties. Using easy to change, standard 300 x 25 x 1.2mm blades, the machine will cut material up to 130mm in diameter at 170 Strokes/min. It is ideal for general small fabrication and stock sizing in a small workshop, or material preparation in the technician's store in schools. The stock is clamped in tall, rugged vice jaws via a quick release lead screw and handle; the vice rotates for angle cutting up to 45°. A repeat length stop is provided. A gas strut eases the weight of the cutting arm, which has a large hand grip at the end with a latch to hold it in place in the open position. The 250W induction motor has a direct drive gear system that is fully sealed and the whole slide mechanism is fully guarded to prevent swarf ingress. An auto stop switch for when the cut is finished completes the picture.



	Inc.vat	Ex.vat	Code
SIEG G1 Powered Hacksaw 230V	£489.95	£408.29	200024
Replacement Blade 14tpi	£10.94	£9.12	425016
Replacement Blade 10tpi	£10.94	£9.12	425009

Comparison Chart - Metal Cutting Bandsaws

Model	HVBS-812RK	SIEG G1
Rating	Trade	Trade
Power	Input 1,000W	250W
Stroke Rate	-	170/min
Blade Speed	25,40,60,80m/min	-
Blade Length	2,362mm(93")	300 x 25 x 1.2mm
Max Capacity Round	200mm	130mm
Max Capacity Rectangular	180 x 305mm	-
Overall L x W x H	1,270 x 430 x 1,070mm	820 x 380 x 755mm
Weight	120kg	68kg

Accessories

Heavy Duty V Roller Stand

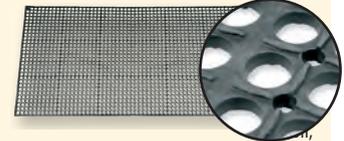
A heavy duty roller stand with 52mm rollers and an adjustable height of 580 - 790mm. Ideal for round bar metal working. Maximum holding weight 800kg.



	Inc.vat	Ex.vat	Code
Heavy Duty V Roller Stand	£55.94	£46.62	700068

Machine Shop Safety Matting

This is the solution where there any possibility of water or anything which could cause a slipping hazard. The mat, as can be seen from the picture, is made from heavy grade rubber which has a cushioning effect but also allows any spillage to pass straight through the mat. In reality it is almost a rubberised duck board. Size 900 x 1,500 x 12mm approximately.



	Inc.vat	Ex.vat	Code
Safety Matting	£27.95	£23.29	810194



Ambersil Tufcut Aqua Cutting Fluid

A premium quality multi-purpose water soluble cutting fluid, which is suitable for use in automated, machine fed, CNC or manual cutting metal working applications which require a drench applied fluid. As it is transparent the workpiece remains visible. Specially formulated to remain useable considerably longer than traditional fluids, it is suitable for most operations and with most common metals and alloys. Whilst rapidly removing swarf it will remain clean and allow increased cutting speeds. It contains cleaning and degreasing surfactants to help maintain tool cleanliness. The spout is cleverly stored in the side of the 5 litre container so there is no excuse for losing it. An average dilution rate (depending on what you are cutting) of 6% makes Tufcut Aqua economical to use too. Also available in a 300ml bottle making it more practical for the home user.



	Inc.vat	Ex.vat	Code
5 litre	£62.94	£52.45	952139
300ml	£8.24	£6.87	504741



Ambersil Tufcut Metal Cutting Compound

A high cling compound that adheres to tool pieces preventing wastage and throw off. Delivering excellent lubricating and heat reduction properties, it is a thick paste like compound which leaves a thick, tenacious lubricating film. Ready to use straight from the tin, it can be used on most metals but it is particularly effective on steel. Eliminating chip welds Tufcut will also prolong tool life.



	Inc.vat	Ex.vat	Code
500g	£12.95	£10.79	952141



Ambersil Tufcut Metal Cutting Liquid

A ready to use concentrated metal cutting lubricant for machining metals and some composite materials. An advanced formulation means that this liquid provides exceptional heat dispersing and lubricating properties allowing an improved finished to the machined surface.



	Inc.vat	Ex.vat	Code
350ml	£16.44	£13.70	952142

Precision Measuring

Digital Micrometer

A digital micrometer with a decently large scale which is easy to read. With a range of 0-25mm, and with an accuracy resolution of 0.001mm. Can be zero'ed on any setting. Display's either Imperial or Metric readings. Supplied in storage case.



	Inc.vat	Ex.vat	Code
Micrometer	£64.94	£54.12	600885



Axminster Digital Electronic Calipers

All three sizes of these hardened stainless steel, general duty electronic calipers measure with a resolution of 0.01mm/0.0005in. Useful features include push button metric to imperial conversion, a zero setting button and a locking screw for transference of measurements or settings. The 150mm and 200mm versions are fitted with a fine adjustment roller, which allows for quick and easy precise measurements with a clear LCD display of the result. The four measuring options are external, internal, depth and step.

	Inc.vat	Ex.vat	Code
150mm x 0.01mm	£22.94	£19.12	388005
200mm x 0.01mm	£36.95	£30.79	388006
300mm x 0.01mm	£62.94	£52.45	388007
Battery SR44 1.55V	£1.94	£1.62	810367



All Steel Electronic Digital Caliper

A high precision digital readout caliper with a very solid all stainless steel construction. Zero can be set at any point along the range, and the display is easily switched from a metric to an imperial reading. Use for precise measurements of external, internal and depth from zero to 150mm(6" by 0.01mm(0.001").

	Inc.vat	Ex.vat	Code
Digital Caliper	£24.95	£20.79	200398



Axminster High Precision Dial Caliper

These easy-to-read dial calipers are made from hardened stainless steel and have ground and lapped measuring faces. Maximum measuring length is 150mm and the dial is calibrated in divisions of 0.02mm. Adjustment is made with a knurled wheel with an override to prevent the mechanism from being strained. The dial can be zeroed and a locking screw is provided for pre-setting or transference of internal, external and depth measurements. Supplied in a strong foam lined presentation case.

	Inc.vat	Ex.vat	Code
150mm	£26.94	£22.45	910360



Axminster Vernier Caliper

An good quality vernier caliper made from stainless steel with clear metric and imperial graduations and a satin finish to eliminate glare. The metric scale gives readings down to 0.02mm and the imperial scale to 0.001". The caliper can be used for external, internal and depth measurement and the locking screw keeps the head secure between measurements. Adjustment is made by a thumb-operated wheel on the sliding head. Supplied in a plastic case.

	Inc.vat	Ex.vat	Code
150mm(6")	£20.94	£17.45	910359



GemRed Electronic Digital Caliper

This high precision digital readout caliper has a very robust all stainless steel construction. Use for internal, external, step and depth measurements. Accuracy is 0.01mm(0.001") and maximum measuring distance 155mm(6"). Zero can be set at any point along the range, and the display is easily switched from a metric to an imperial reading. It has an auto shut-off feature and takes a standard SR44 battery (supplied).

	Inc.vat	Ex.vat	Code
Electronic Digital Caliper	£22.44	£18.70	952910

Axminster 100mm Pocket Vernier Caliper

A top pocket-sized vernier for the accuracy-conscious woodworker or craftworker. The movable head locks for comparative measurement using a small thumbscrew. The easy-to-read non-reflective 100mm scale is calibrated to a resolution of 0.05mm. The four functions include external, internal, depth and distance from an edge measurement. The caliper comes with a leatherette case.



	Inc.vat	Ex.vat	Code
100mm	£13.44	£11.20	519001



Axminster Vernier Caliper Depth Gauge Attachment

This vernier depth gauge attachment quickly converts your standard vernier caliper into a far more useful tool. The depth gauge attachment is precision made, once clamped to the base your vernier caliper is perpendicular to the base in both directions. The base forms a bridge across the reference surface allowing the depth rod to be lowered until it reaches the lower contact point. An accurate reading of the relative height differences can then be taken. It will fit all 150mm Axminster vernier calipers and any others with a stem width of 16mm.

	Inc.vat	Ex.vat	Code
Gauge Attachment	£12.44	£10.37	210951

Axminster Dial Gauge

A high precision 50mm diameter dial gauge with a 10mm travel, one millimetre per revolution sub divided into tenths and hundredths giving a resolution of 0.01mm per division. There are two movable setting tabs on the dial and a bezel which can be rotated for zero setting. Mounting is either by the 8mm diameter stem or by using the lug on the rear with its 1/4" diameter hole.

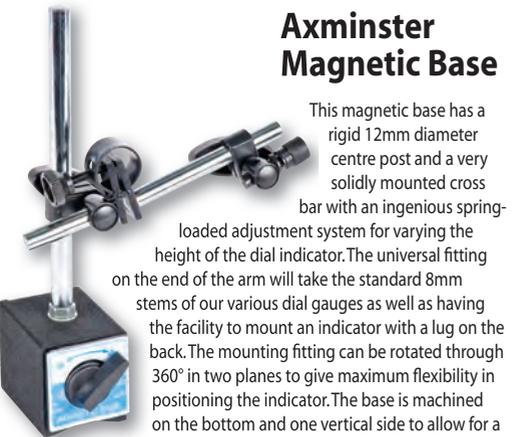


	Inc.vat	Ex.vat	Code
Dial Gauge	£18.95	£15.79	310453

Axminster Dial Test Indicator

The Digital Test Indicator is used for measuring eccentricity of rotating parts and for setting work accurately in the lathe. The spring loaded arm, which has a spherical end for accurate location on the work, moves up to 1.3mm either upwards or downwards from the central position for maximum flexibility of use. The 30mm diameter dial is calibrated in 0.01mm steps, making this a very precise instrument indeed. There is a choice of either 6mm or 8mm mounting stems which slide onto a dovetail strip on the back of the indicator body.

	Inc.vat	Ex.vat	Code
Dial Test Indicator	£26.94	£22.45	400208



Axminster Magnetic Base

This magnetic base has a rigid 12mm diameter centre post and a very solidly mounted cross bar with an ingenious spring-loaded adjustment system for varying the height of the dial indicator. The universal fitting on the end of the arm will take the standard 8mm stems of our various dial gauges as well as having the facility to mount an indicator with a lug on the back. The mounting fitting can be rotated through 360° in two planes to give maximum flexibility in positioning the indicator. The base is machined on the bottom and one vertical side to allow for a choice of mounting positions.

	Inc.vat	Ex.vat	Code
Magnetic Base	£12.95	£10.79	600401

Axminster Digital Height Gauge - 150mm(6")

The gauge comprises a precision machined alloy block, into which the linear scale of the Digital Readout (DRO) is bolted. This fixing is set very precisely at right angles to the base, to ensure accurate measurement. The linear scale is also marked with analogue scales from 0-6" and from 0-150mm. These scales are read against the lower edge of the Digital Read Out. There are three rare earth magnets set into the base of the block to ensure the gauge is held flat against a horizontal ferrous metal surface. The digital readout is mounted on the linear scale and has an 'L' shaped pointer attached to it; there is also a small locking screw with a serrated knob; that will clamp the DRO. The 'L' shaped pointer is ground to a fine edge to ensure the most accurate measurement; it is also hardened so that the points can be used for scribing lines at the set height.

	Inc.vat	Ex.vat	Code
150mm(6")	£49.94	£41.62	210041

Axminster HG-1 Height Gauge

The HG-1 is designed to take the guesswork out of setting up routers, router tables and saw tables. It is great when needing to set up or replicate exact settings. Made with a solid cast iron base, it provides a strong, fixed point that allows adjustment of the gauge without any movement. Providing both imperial and metric scales, this gauge also has a vernier scale for increased accuracy to 0.05mm, allowing for micro adjustments to settings. Measures to a maximum height of 180mm.

	Inc.vat	Ex.vat	Code
HG-1 Height Gauge	£21.95	£18.29	600886



Vitrex Feeler Gauge Set - Combination Metric & Imperial

Feeler gauges are mainly used in engineering or by mechanics to measure gap width. This set has 16 tapered blades measuring 100 x 13mm (4 x 1/2 in). Imperial sizes 0.002, 0.003, 0.004, 0.006, 0.008, 0.010, 0.012 and 0.015 in. Metric sizes 0.05, 0.08, 0.10, 0.15mm, 0.20, 0.25, 0.30 and 0.38mm. The blades are high quality steel, hardened and tempered to BS957 and polished for long-term accuracy. This is an ideal and precise tool for measuring gaps between 0.02mm up to 1.00mm. It is also possible to stack the blades to measure intermediate or wider gaps. Supplied in a strong, polypropylene case.

	Inc.vat	Ex.vat	Code
Feeler Gauge Set Met/Imp	£5.94	£4.95	152343

Axminster Optical Centre Punch



The Axminster Optical Centre Punch is the only way to achieve a precise punch location. It consists of a steel holder, two Perspex rods and two hardened steel punches (60° & 90°). The Perspex rods are each engraved on the base, one with a cross hair, the other a bullseye target. The rods take light down and magnify at the same time. Once a rod is aligned with a mark, hold the base firmly and exchange the rod for a chosen punch. A light tap puts an indentation in the precise position. The base is 48mm in diameter with a slip resistant base, the punches and rods are 9.5mm diameter.

	Inc.vat	Ex.vat	Code
Optical Centre Punch	£31.94	£26.62	100244

47 Piece Axminster Gauge Block Set



47 blocks ranging from 1mm to 100mm. Each block has its opposing faces dead flat and finely polished. So much so that when one is gently rubbed against another the surfaces literally 'stick' to each other as if magnetised. The range includes 1mm to 1.19mm x .01mm, (plus 1.005mm), 1.2mm to 1.9mm x .1mm, 2mm to 9mm x 1mm and 10mm to 100mm x 10mm. All the blocks are supplied individually wrapped for protection and the set comes in a polished, fitted wooden case. Each set is also supplied with a certificate of accuracy to DIN861 grade 1 standard.

	Inc.vat	Ex.vat	Code
Gauge Block Set	£139.94	£116.62	100249



Cast Iron Surface Plate

A quality surface plate for the small workshop. Made from high quality close grained cast iron which has been stress relieved against distortion and precisely finished by planing and hand scraping. Overall dimensions are 300 x 300 x 50mm thick.

	Inc.vat	Ex.vat	Code
300 x 300 x 50mm	£91.94	£76.62	810462



LightCraft LED Hand-Held Magnifier with Inbuilt stand

This is an ideal magnifier for close-up, precision work. The LEDs will give you hours of natural energy efficient light. The large 50mm x 50mm lens gives four times magnification. A two-way switch offers the option of choosing five small LEDs or a single large LED. An inbuilt stand allows you to use the magnifier hands-free. Supplied with two AAA batteries.

	Inc.vat	Ex.vat	Code
Hand-Held Magnifier with stand	£11.75	£9.79	503955



LightCraft Head Mounted Magnifier with 4 Lenses and Spotlight

When you need both hands free to carry out close-up precision work, this head mounted magnifier will prove invaluable. The lenses are precision ground and cover working distances from 600mm to as close as 75mm, simply clipping into slots in the headband making changing from one to another quick and simple. The battery powered spotlight lights up your working area. **Supplied as a kit, includes a fully adjustable headband, four interchangeable optical lenses and a built-in spotlight with protective case for the lenses and 2 x AAA batteries.**

	Inc.vat	Ex.vat	Code
Head Mounted Magnifier	£19.94	£16.62	503956



LightCraft Fluorescent Daylight Flexible Magnifier Lamp

A 125mm diameter three diopetre ground glass lens gives you 1.75 times magnification. The 22W daylight tube produces a bright natural light that is shadow free. The long, sprung tension arms offer greater flexibility and easy positioning. A built-in sun protector shade protects the lens when not in use. The lamp includes a 65mm capacity C-clamp for attaching to a table or bench.

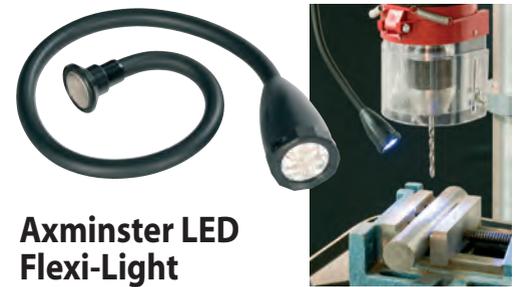
	Inc.vat	Ex.vat	Code
Flexible Magnifier Lamp	£57.95	£48.29	503960

Eye Loupe Set



It's always very handy to have a good magnifier in the workshop, for close inspection, such as checking progress of a blade's edge as sharpening proceeds etc. Supplied as a set of two, one 10x the other 12x giving a choice of magnification. They can either be held between the fingers or used as an eye loupe to leave hands free. Great for removing splinters.

	Inc.vat	Ex.vat	Code
Eye Loupes set of 2	£2.84	£2.37	200043



Axminster LED Flexi-Light

This is a really neat little LED work light. Fitted with 3 LED bulbs, it is battery powered using the common LR44 button batteries. The stem is very flexible but stiff enough to stay where it's set. A magnetic base makes this a perfect lamp to use on the steel plate or cast iron bodies found on many small machines, the magnet being powerful enough to hold the lamp in position on vertical surfaces. Providing an even pool of illumination, this work light will make intricate or tricky tasks much easier and safer to carry out. Includes 3 LR44 batteries, so is ready for use straightaway.

	Inc.vat	Ex.vat	Code
Flexi-Light	£9.95	£8.29	501278
Battery SR44 1.55V	£1.94	£1.62	810367



Axminster 7 LED Dual Purpose Work Light

This work light is cleverly thought out and well suited to many lighting tasks. Using 7 LED bulbs to provide a high level of light, it can be powered by 2 x AAA batteries or the included 230V transformer. The base has a high powered magnet inset into it for use on machinery, or it can be set onto the steel "C" clamp where it can be used on shelves or workbenches up to 65mm thick. The 250mm stem is flexible and holds the lamp head exactly where you want it. The lamp itself can provide either a spot pool of intense light or, by fitting a simple diffuser, provide a softer broad illumination over a wider area. Simple to use, robust and very versatile, this work light is a must in any workshop.

	Inc.vat	Ex.vat	Code
7 LED Dual Purpose Work Light 230V	£29.94	£24.95	501279



Axminster 3 Watt LED Dual Purpose Worklight

This work light has all the features of the 7 LED version, but is much more powerful and more heavily built. Using a 3 Watt LED to provide a high level of light, it can be powered either with 2 x AAA batteries or by the included 230V transformer. The base has a high powered magnet inset into it for use on machinery, or it can be set onto the steel "C" clamp where it can be used on shelves or workbenches up to 65mm thick. The 400mm steel stem is highly flexible and holds the alloy lamp head exactly where you want it. The lamp itself can provide either a spot pool of intense light or, by simply sliding the machined alloy hood, provide a softer broad illumination over a wider area. Use it on the bench with the transformer, move it to a machine and use the batteries, how easy is that? Simple to use, robust and very versatile, this work light is a must in any workshop.

	Inc.vat	Ex.vat	Code
3 Watt LED Dual Purpose Light 230V	£43.34	£36.12	501280

Parts Cleaning



Zizer Parts Degreasing Fluid

This is an emulsifiable degreaser, widely used in industry and the automotive trade. It will not stain or damage most plastics, synthetic rubbers or paints and it rinses off with water. Available in a 5 litre canister.



	Inc.vat	Ex.vat	Code
5 litres Canister	£21.95	£18.29	800262



Parts Cleaning Brush

A simple idea (they always are the best) of a hollow brush with attached clear pipe which can be pushed onto the nozzle of the cleaning tank. The continuous flow of the cleaning fluid through the brush really does get the toughest of grease off in extra quick time.

	Inc.vat	Ex.vat	Code
Cleaning Brush	£3.95	£3.29	800414

Prochem Heavy Duty Rubber Gloves

These heavyweight latex gloves are designed with chemical handling or industrial cleaning in mind. Classified Category II (Intermediate Risk) an approved to EN420, EN374-2:2003 (against chemicals and micro-organisms) and EN388 tear resistance level 2, puncture resistance level 1. Available in black - size 9 (large).



	Inc.vat	Ex.vat	Code
Size 9 (L)	£5.94	£4.95	953642

Ambersil

Bulk discount available!



Ambersil RTU Biodegradeable Water Based Degreaser

A non-flammable water based degreaser from Ambersil that is an alternative to traditional solvents, whilst still exhibiting a high degree of solvency power. Suitable for use within industrial, automotive, engineering, transport, marine, electronic or aviation applications. Tough enough to remove oil, grease, grime, silicone, wax, nicotine, soot, ink and coffee but safe to use on most plastics, rubber and painted surfaces. Containing a highly effective corrosion inhibitor it will also help to prevent flash rusting. Use it by spraying, soaking, brushing, immersion, wiping or ultrasonic. Available as a 750ml ready to use trigger spray or as 5 litres of concentrate.

	Inc.vat	Ex.vat	Code
750ml Ready To Use Trigger Spray	£12.14	£10.12	501551
5 litre Concentrated Drum	£37.94	£31.62	501552

Work Coat

Keep yourself clean in the workshop. A really useful coat to wear for all sorts of jobs, with pockets where they're needed and side access slits to get into your trouser pockets too. Machine washable at 50°C. Available in classic navy, in a variety of sizes.



	Inc.vat	Ex.vat	Code
Small	£12.76	£10.63	501439
Medium	£12.76	£10.63	501440
Large	£12.76	£10.63	501441
Extra Large	£12.76	£10.63	501442

3M Safety Over Spectacles

- Wear over prescription specs or on their own
- Comfortable, with a lightweight frame
- Impact resistant
- Wide field of vision
- Moulded side shields and brow guard



	Inc.vat	Ex.vat	Code
Safety Over Spectacles	£2.24	£1.87	503878

Ambersil



Bulk discount available!



Ambersil Amberklene FE10 Degreaser

This fast drying solvent cleaner rapidly removes contaminants with its powerful flushing action and then evaporates quickly to leave a clean dry surface. It is safe to use on ferrous and non-ferrous metals and also on most plastics. An excellent alternative to 1.1.1 Trichloroethane. Use it for general degreasing of chains, cogs, drives, gears, motors. Whilst it is particularly suitable for removal of grease from gear teeth and bearings housings, it will also remove copper paste from threaded fasteners and stains from textiles (patch test recommended).

	Inc.vat	Ex.vat	Code
400ml	£9.05	£7.54	952145

Ambersil

Ambersil Engineer's Cloths - Pack of 50

Designed by Ambersil to make best use of their degreasing and cleaning products, these cloths are low in lint and heavy duty. Keep a pack around and you will never go back to blue paper or kitchen towel. They have excellent wet strength and may be rinsed and re-used. 300 x 350mm. Pack of 50.



	Inc.vat	Ex.vat	Code
Engineers Cloths (Pkt 50)	£8.94	£7.45	501445

Lubrication, Maintenance & Cleaning Products



Swarfega Duck Oil

A silicone free, non conductive, low surface tension oil. Ideal for lubricating, penetrating and protecting parts and components. Prevents corrosion, displaces water and can be used as a damp start and light degreaser. Low surface tension means it penetrates into problem areas without having to dismantle. Easy to use, spray on or use as a dip-in a solvent degreaser.



	Inc.vat	Ex.vat	Code
500ml Spray Can	£6.44	£5.37	950519
5 litres inc Sprayer	£36.95	£30.79	950520

Swarfega Original Hand Cleaner

World famous green gel hand cleaner with added conditioner, helping maintain the skin's natural moisture level leaving hands smooth. A familiar sight in most workshops and garages. Available in the traditional 1kg tub and also a handy 450ml pump bottle.



	Inc.vat	Ex.vat	Code
450ml Handy Pump	£4.94	£4.12	952086
1kg Traditional	£6.44	£5.37	900266



LIBERON



Liberon Rust Remover

This is a most effective rust remover and inhibitor. It will de-oxidise metal surfaces and create a barrier against oxygen, inhibiting further rust.

	Inc.vat	Ex.vat	Code
125ml	£5.24	£4.37	066074
500ml	£9.24	£7.70	810188



MetalGuard Ultra Anti Rust Coating

Tried and tested under stringent conditions and valued by a diverse group of tool users for its exceptional protection to all metals. It is used as a very effective defence against corrosion and the effects of damp conditions for up to two years, is easily wiped clean and is free from silicone content. This is an outstanding product complying with MOD and NATO standards.

	Inc.vat	Ex.vat	Code
250ml tin	£15.44	£12.87	701617

Nitrile Disposable Gloves

- Allergy-free Nitrile gloves
- Latex-free and non powdered
- Strong, micro textured
- Offers good dexterity for a host of uses
- Medical grade AQL 1.5 conforms to EN 455 parts 1-4
- Supplied in box 100 gloves



	Inc.vat	Ex.vat	Code
Pack of 100	£6.95	£5.79	506074



Ambersil



Ambersil Amberglide PTFE Lubricant

Formulated for enhanced durability in high wear applications this high quality multi-purpose lubricant is enriched with PTFE. Amberglide will displace water, prevent squeaking and clean away contaminants whilst leaving a durable protective film. It is very effective on machinery table surfaces.

	Inc.vat	Ex.vat	Code
400ml Spray Can	£17.24	£14.37	952140



Ambersil



Ambersil Silicone Anti Stick

A highly concentrated and pure silicone lubricant. Use it for those demanding applications with higher load or speed requirements such as conveyors or close tolerance fitting of large bore pipes and where you need extended lubrication intervals. It is based on silicones that have been FDA approved and is therefore considered safe for use in potable water systems.

	Inc.vat	Ex.vat	Code
400ml Spray Can	£15.44	£12.87	952135

Ambersil

Bulk discount available!



Ambersil Dry PTFE Film Antistick

A dry PTFE lubricant for use where wet or silicone lubricants would not be appropriate as it is unaffected by water, solvents or oil. You can use this on circular saw blades and router cutters to enhance performance and prevent resin build up. It has a wide operating temperature range of -100°C to +200°C.

	Inc.vat	Ex.vat	Code
400ml Spray Can	£17.45	£14.54	952137

Ambersil

Bulk discount available!



Ambersil Ambergrease EXL

This high performance bearing grease is of premium quality and extremely stable. A lithium-calcium multi-complex soap thickened grease suitable for applications where an extended lubrication interval is required. Use it for critical or high load bearings and sliding surfaces. An exceptional load carrying capacity (Timken OK Load IP236 25kg/Mean Hertz Load 125kg) with exceptional EP resistance (Shell 4 ball weld load IP239 >800kg). A highly visible red grease classified NLGI 2 type.

	Inc.vat	Ex.vat	Code
400g	£8.94	£7.45	952134



Ambersil

Bulk discount available!



Ambersil Tufcut Metal Cutting Liquid

A ready to use concentrated metal cutting lubricant for machining metals and some composite materials. An advanced formulation means that this liquid provides exceptional heat dispersing and lubricating properties allowing an improved finished to the machined surface.

	Inc.vat	Ex.vat	Code
350ml	£16.44	£13.70	952142



3-IN-ONE Oil

The best known of all light oils that needs little introduction. 3-IN-One lubricates, cleans, polishes, and prevents rust and tarnish.

	Inc.vat	Ex.vat	Code
3-IN-1 Flexcan 200ml	£3.95	£3.29	510053



Workshop Suction Pump

This dual purpose pump is invaluable for changing the oil in gearboxes or back axles. Draws out the old oil on the pull stroke and refills on the forward stroke. 18oz capacity with 12" flexible spout.

	Inc.vat	Ex.vat	Code
Suction Pump	£7.94	£6.62	810464

Axminster Pump Oil Can



Traditional pump action oil cans are great for any fluid that requires regular dispensation. The oil can body is seamless, drawn from heavy gauge tin coated sheet, has a premium powder coated finish and features a deluxe brass suction pump. Supplied with two spouts both rigid and flexible. Please note that these cans are not suitable for very

	Inc.vat	Ex.vat	Code
Oil Can 200ml	£3.44	£2.87	220050
Oil Can 500ml	£3.95	£3.29	220052



Axminster Stubby Trigger Operated Grease Gun

A one-handed operated pistol grip type grease gun with a convenient pull type operating mechanism. The capacity is 85g (3oz) grease cartridge or 120cm³ bulk fill. The body has a textured zinc plated/powder coated finish for non-slip grip. Supplied complete with 100mm steel extension and professional 4 jaw coupler with ball check.

	Inc.vat	Ex.vat	Code
Grease Gun	£6.95	£5.79	220043



Axminster Heavy Duty Grease Gun with Flexible and Rigid Spout

Our top of the line grease gun designed for day-in and day-out heavy industrial applications. Complete with both 150mm (6") steel extension and a 300mm (12") flexible hose and professional 4 jaw coupler with ball check.

	Inc.vat	Ex.vat	Code
Grease Gun	£14.94	£12.45	220042

More available online...

Bulk discount available!

axminster.co.uk/Ambersil



Ambersil

Ambersil Visible

Anti-Corrosion Protective Coating

	Inc.vat	Ex.vat	Code
400ml	£16.34	£13.62	952143



Ambersil

Ambersil Corrosion

Inhibitor Spray

	Inc.vat	Ex.vat	Code
400ml	£10.25	£8.54	952144



Ambersil

Ambersil Tufcut

Aqua Cutting Fluid

	Inc.vat	Ex.vat	Code
5 litre	£62.94	£52.45	952139
300ml	£8.24	£6.87	504741



Ambersil

Ambersil Tufcut

Metal Cutting Compound

	Inc.vat	Ex.vat	Code
500g	£12.95	£10.79	952141



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Penetrating Oil

	Inc.vat	Ex.vat	Code
400ml Spray Can	£7.64	£6.37	952146



Ambersil

Ambersil Belt

Dressing FG

	Inc.vat	Ex.vat	Code
400ml Spray Can	£9.54	£7.95	952138

Push Type Grease Gun



	Inc.vat	Ex.vat	Code
Grease Gun	£4.94	£4.12	500241