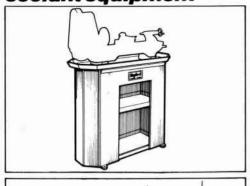
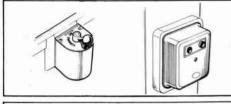
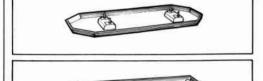
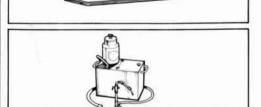


stands-trayscoolant equipment



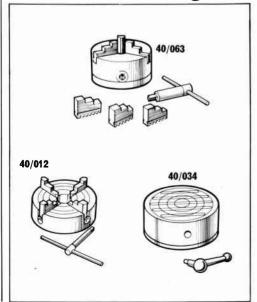








chucks and chuck guard



DESCRIPTION

Tray top cabinet stand, fitted with two mats, deep tray (No. 20/024), raising blocks (No. 20/025) and terminal block only ...

CODE

20/038

20/023

20/039

20/040

20/024

20/024L

20/025

2250

1488/B

1486/1

1486/2

1486/3A

1486/3B

1486/3C

1486/3D 1487

1487L

40/034

As stand 20/038 but fitted with drum type reversing switch As stand 20/038 but fitted with push button starter incorporating overload and no-volt release

As stand 20/038 but fitted with drum type reversing switch and push button starter incorporating overload and no-volt release Note: Stands 20/039 and 20/040 meet the safety requirements of Education Authorities

Cabinet stands for long bed lathes add suffix L (e.g. 20/038L), to stand price add When ordering give exact details (voltage, phase, periodicity)

Deep tray only with drain plug, (as fitted to above stands) ...

Note: To prevent interference between the top of the tray and the operator's hands, this should be used only in conjunction with No. 20/025 raising blocks

Deep tray as above but for long bed lathes Raising blocks with jack screws and securing screws .. pair Steel drip tray, with drain plug enamelled silver metallic for standard bed lathes admitting 19" between centres ONLY ...

Coolant equipment supplied separately for external mounting, including pump, tank, delivery and return pipes, delivery fitting for saddle with bracket, cock and telescopic pipe, also pump switch built into pump:

for three phase for single phase ... Give exact details (voltage, phase and periodicity) when ordering.

Industrial stand with isolator, rotary reversing switch for lathe drive motor, shelf in tool locker, lock and two keys for locker door, and mat for open front shelves

Industrial stand as above, but with push button starter and no-volt and overload releases

Industrial stand as above, complete with full coolant equipment, including pump, tank, delivery and return pipes, delivery fitting for saddle with bracket, cock and telescopic pipe, pump switch, push button starter, reversing switch and isolator:

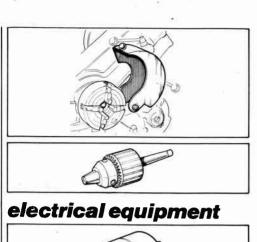
for three phase, with coolant tank mounted internally ... for single phase, with coolant tank mounted internally for three phase, with coolant tank mounted externally for single phase, with coolant tank mounted externally Splash guard

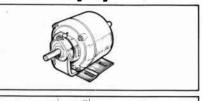
Splash guard for long bed lathes ... N.B. When ordering splashguards for existing stands please state whether for stand with curved or rectangular

drip tray.

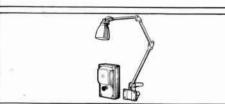
43" (120mm) Eclipse magnetic_chuck fitted with backplate for screwing to the spindle nose. The circular grooves in the face help with the centring of workpieces

Geared scroll chucks size 4" (100mm), 3 jaw, with threaded bodies to screw direct on to the spindle nose. This design eliminates the separate backplate, resulting in increased rigidity and reduced overhang. Complete with inside and outside jaws (100mm) 3 jaw G.S. MYFORD BURNERD economy chuck (with unground body) 1588-10000 (30MX) with threaded body ... 40/063 4" (100mm) 3 jaw G.S. MYFORD BURNERD chuck 1588-10130 (30M) with threaded body 40/003 4" (100mm) 3 jaw G.S. MYFORD BURNERD "GRIPTRU" chuck 1638-10130 (130M) with micro adjusting screws for setting of true running of component and with threaded body 40/004 $4^{\prime\prime}$ (100mm) 3 jaw G.S. super precision MYFORD BURNERD chuck 1278-10130 (30MP) with precision ground scroll and threaded body ... 40/050 Also available: 4" (100mm) 3 jaw G.S. Burnerd chuck 1580-01005 for backplate mounting - without backplate 40/015 6" (150mm) 4 jaw independent MYFORD BURNERD chuck 1548-16130 (34M) with threaded body 40/012 6" (150mm) 4 jaw independent Burnerd chuck 1540-11601 with recess for backplate mounting - without backplate 40/018









DESCRIPTION

Chuck guard accommodates both 3 jaw and 4 jaw chucks – swings clear to provide ready access for loading and unloading; single point fixing

Essential for industrial and educational applications in order to comply with safety regulations.

Transparent safety shield (not illustrated) with magnetic base for cross-slide or bed mounting; the tough Acrylic screen, $10'' \times 7\frac{1}{2}''$ (254 x 190mm), provides safe vision with protection from flying chips and coolant

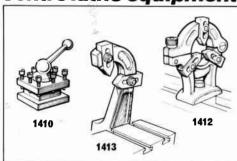
Motor, 1425 r.p.m. 50 Hz. or 1750 r.p.m. 60 Hz – give exact details (voltage, phase, periodicity) when ordering

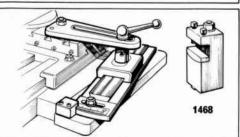
When supplied with a lathe and switch (either bench or cabinet model) wiring is included.

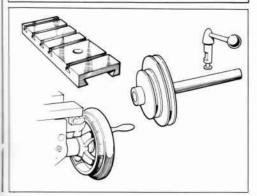
Push button starter with no-volt and overload release MEM 826 A.D.S. for 200/250 volts A.C. MEM 246 A.D.S. for 400/440 volts A.C. Give exact details (voltage, and periodicity) when ordering.

Drum type reversing switch is a universal switch suitable for single phase or three phase A.C. It can be bench or wall mounted and in the case of changewheel drive lathes it can be mounted on a bracket attached to the lathe bed just below the headstock. Where the drum type reversing switch and motor are ordered with the lathe, wiring from switch to motor is included

centre lathe equipment







Four tool turret enables tools to be kept ready mounted for immediate use. An index ring and spring loaded plunger provide positive location in any one of eight positions. It is designed for use with $\frac{1}{16}$ " (8mm) square cutter bit blanks ...

Fixed steady arranged for single point clamping to the bed has a hinged cap to facilitate loading and unloading and three reversible bronze bearing steady shoes. Maximum capacity 2" (50mm) diameter

Rear tool post accepts tools having shanks up to $\frac{1}{2}''$ (12mm) square. Tools are inverted so that lathe runs in normal direction. When mounted in rear slot on cross-slide, distance between inner face and rear face of topslide is, on Super 7, $4\frac{3}{8}''$ (110mm); on ML7-R with standard cross-slide, $2\frac{5}{8}''$ (67mm); with long cross-slide, $4\frac{3}{16}''$ (105mm)

Leadscrew handwhee! having 125 divisions each representing 0.001" and pointer for it which is attached to the bed by means of a single screw inserted into the tapped hole provided. Used in order to obtain a fine hand feed to the carriage or for accurate length work during turning, boring or milling operations ... Also available graduated in 0.02mm divisions. (ML7-R only; standard equipment on Super 7).

CODE

30/022

30/052

41/001 41/002

60/029

60/006A

60/025 60/021

60/004

A9445 30/001

60/023

1410

1412

1413

1468

1429

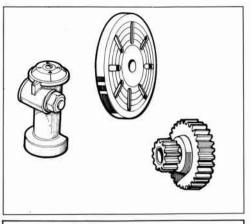
1467

A3239

43239

30/040

1430



Faceplate 9" (228mm) mounting on to the state has eight radial slots	andard	63" (17	70mm)) diame	ter fa	ceplate	. It
angle plates etc.		***					*.1*.0

DESCRIPTION

Thread dial indicator for attachment to right hand side of apron. Graduated to show when the leadscrew nut should be engaged on subsequent cuts when cutting whole or half number T.P.I. . .

Fine feed tumbler cluster for feeds down to 0.0018" (0.045mm); replaces the standard cluster gear on the tumbler reverse swing pin. For ML7-R and Super 7, not ML7-RB or Super 7B.....

1974A

1419

1437

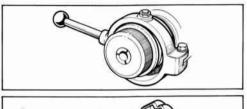
CODE



Lathe cover made in		will help to	protect the	alathe
when not in use		** **	1010 101	
For long bed lathes	28.00	***	100 10	

1669A

production equipment



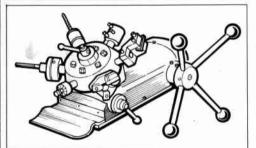
Lever operated collet chuck has all components hardened and ground. It is of the backplate mounting type so that if ordered subsequently for an existing machine the backplate can be finished in position on the lathe thus giving the maximum possible degree of concentricity.
If supplied subsequently
If supplied with machine

20/065R 20/065F



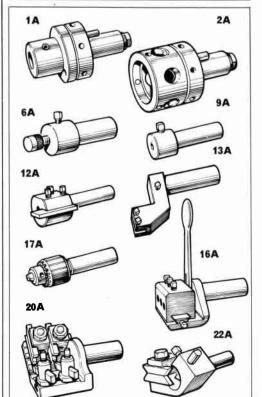
Collets for it are of the "dead length" type. Sizes from 18 to 8 x 64ths, also 2mm to 16mm x ½mm increments ...

1027



Six station self indexing turret arranged for mounting to the bed, converts the lathe for capstan work. The inclined turret head and adjustable length stops, which are coupled to it, are automatically rotated during the return movement of the slide. Not suitable for 10/038 and 10/039 lathes admitting 19" (483mm) between centres and having power cross traverse. Excluding tools illustrated ...

20/068



Turret tooling (§" diameter shanks).

Adjustable stop ...

Tap holder, self-releasing, for taps having 4" diameter shanks . .

1A

Die holder, self-releasing, for button dies 1" diameter; maximum thread length 1"

2A 6A

Plain round drill holder for drill shank diameter 1"

9Δ

Drilling and facing toolholder, drill shank diameter 1" ...

12A

Turning and drilling toolholder, suitable also for chamfering and centre drilling, maximum turning length 1", drill shank diameter ‡"

13A

Recessing toolholder, 3 tool bores ‡" diameter, maximum stroke 1, front and rear adjustable stops ...

16A

Small drillholder, self centring chuck, maximum drill size 1"

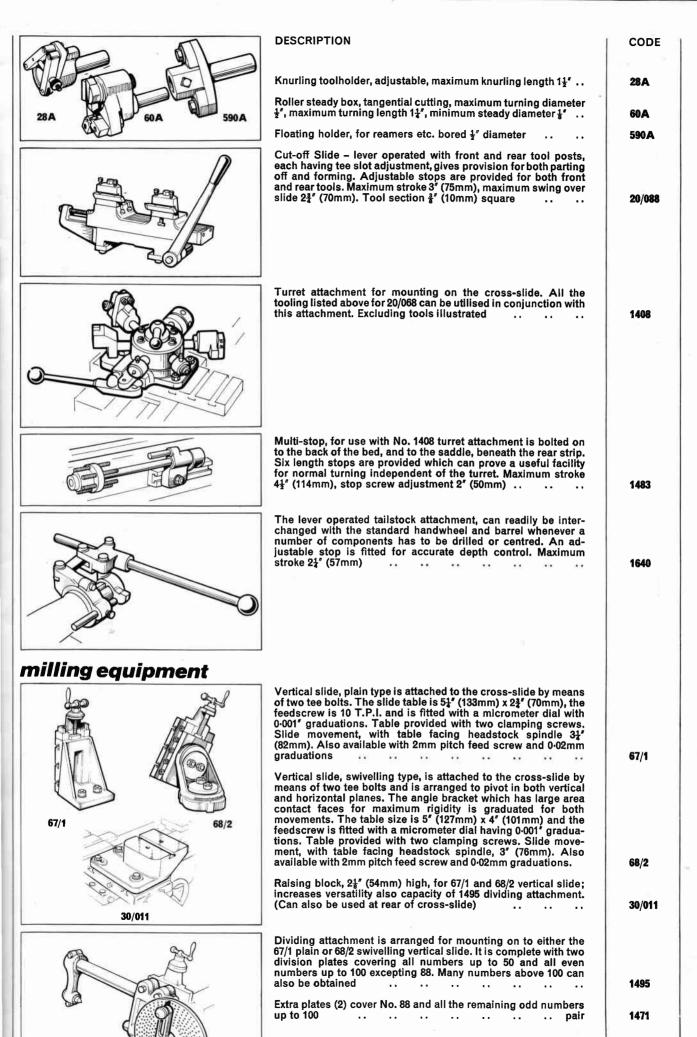
17A

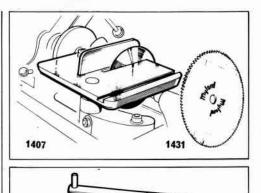
Box turning toolholder with 2 vee steadies and two tools, maximum turning diameter $\frac{1}{2}$ ", maximum turning length $2\frac{1}{4}$ "...

20A

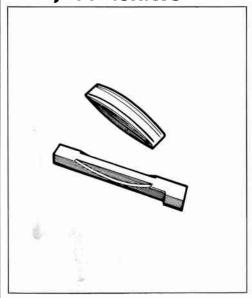
Ending toolholder, for rounding, pointing chamfering ...

22A





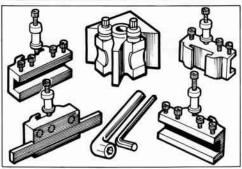
turning tools, boring bars, toolholders





Myford





DESCRIPTION

Circular saw table fits on the front of the lathe cross-slide when the top slide and topslide base have been removed. An adjustable fence, also the necessary arbor for the circular saw and one 5" (127mm) diameter saw for metal are supplied with it Clamping bridge with 3 work clamping screws for plate up to ‡" 74/1942 Spare saws Saw for metal for above, 5" (127mm) diameter ... Saw for wood, for above, 6" (152mm) diameter ... Arbor for ½" bore milling cutters for use between centres, fitted Flanges to convert 1133A to suit cutters having 1" bore Rodney vertical milling and drilling attachment. Mounted on the lathe bed and driven from the headstock spindle, it uses the full lathe speed range. The milling spindle runs approximately 1.4 times lathe spindle speed. (For details see publication No. 746)

Rodney machine vice with securing bolts .. Myford Rodney mini-miller attachment. Mounted on the lathe bed and driven from the headstock spindle, it uses the full lathe speed range and runs at lathe spindle speed. For details see publication No. 763

Quick-setting lathe tools, H.S.S. butt welded, ½" (12-5mm) square shanks. Set of 12 tools with tool boat (with Cascelloid tray and transparent lid) Quick-setting lathe tools, H.S.S. butt welded, \(\frac{3}{3}\)" (9.5mm) square shanks. Set of 12 tools with tool boat (with Cascelloid tray and

transparent lid) ... Quick-setting lathe tools, tungsten carbide tipped, 1/2 (12.5mm)

Screw cutting tools 55° angle standard; 60° also available §" (9·5mm) 108CA 108DA ½" (12·5mm) Individual tools Straight Turning R.H.
Straight Turning L.H.
Slight Cranked R.H.
Slight Cranked L.H. 107C 107D 107K 108KA 107L Off Set R.H. 107M Off Set L.H.
Cranked Turning (Heavy cutting) R.H.
Cranked Turning (Heavy cutting) L.H.
Round Nose R.H. 107N 108OA 108PA 107i 108IA Round Nose L.H. 107J 108JA Parting 108EA 107E **External Screwing** 107ES 108ESA Boring Internal Screwing 107BT 108BTA 1081SA 107IS Tool Boat for above 107Z 108ZA

Quick-setting toolholder with throwaway tungsten carbide inserts. Inserts are in a medium grade but ground with chipbreaker suitable for steel. In packs of ten but available singly Toolholder 90° approach 3" (9.5mm) square shank

Toolholder 45° approach §" (9.5mm) square shank Inserts, right hand (each insert) Inserts, left hand (each insert)

 $\frac{5}{6}$ sq. x $2\frac{1}{2}$ long high speed tool bits, pack of 10 (for use in 1410 • • • • •

Slide rest tools in 18% tungsten are available with $\frac{\pi}{16}$ " (8mm) square shanks in sets of eight (letters B, C, D, G, H, J, L, M) ... and with $\frac{\pi}{8}$ " (9-5mm) square shanks in sets of twelve As with the 107, 108 and 109 tools the sets cover a comprehensive range of shapes for the various operations Individual tools available in both $\frac{5}{16}$ " (8mm) square and $\frac{2}{3}$ "

(9.5mm) square Myford Dickson interchangeable tooling set comprising the following which are available separately

two position toolpost two standard toolholders (for 3" (10mm) tools (each) boring bar holder (for $\frac{1}{8}$ " (10mm) bar) ... parting off toolholder parting off blade ($\frac{1}{8}$ " x $\frac{1}{2}$ " x $4\frac{1}{2}$ " – 3 x 12·5 x 114mm) hexagon kev hexagon socket wrench

1407

CODE

1432

1133A 73/1961/2

20/140

20/141

20/170

107

108

109

" (12·5mm) 109CC 109DC 109KC 109LC 199MC 109NC

1091C 109JC 109ESC 109BTC 109ISC 107Z

UR12R90 UR12R45 PO1R PO1L 108ZA

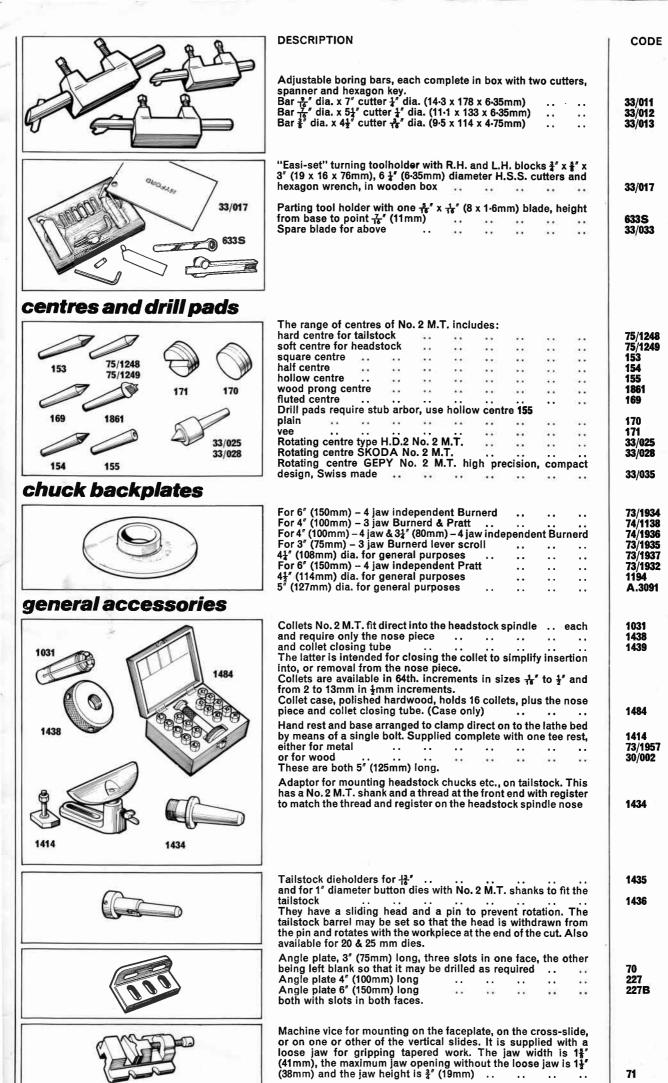
33/032

105

1115

S.00 **TH000 TH001 TH002 TH004** TH0044

TH0025 TH0007



7	
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- 1	000

DESCRIPTION

½" (12mm) . . ¾" (19mm) . .

1" (25mm) ...

(25 to 57mm) diameter

or the vertical slides.

5" x 3½" (127 x 89mm) ... 7" x 5" (178 x 127mm) ... 10" x 7" (254 x 178mm) ...

vertical slides

. .

. .

Vee blocks $3'' \times 1\frac{1}{2}'' \times 1\frac{1}{2}''$ (75 x 39 x 32mm) and $4'' \times 2'' \times 1\frac{1}{2}''$ (100 x 50 x 32mm) are in cast iron and are provided with lugs so that they can be readily clamped to the cross-slide, the vertical slides or the

Carriers (Lathe Dogs). Available in three sizes ½", ¾" and 1" (12, 19 & 25mm) capacity; these are in phosphor bronze and are provided with square head clamping screws

Faceplate clamps. These are in sets of four, and are 2½" (63mm) long. They are suitable for clamping work not only to the faceplate but also to the cross-slide and the vertical slides Boring bar intended for use between centres. It is 13" (330mm) long, by $\frac{3}{4}$ " (19mm) diameter and is complete with three $\frac{1}{4}$ " (6.35mm) diameter cutters and cotter; for bores from 1" to $2\frac{1}{4}$ "

..

Also, for clamping the No. 71 vice to the cross-slide or the

Surface plates, precision ground, in cast iron with edges machined square and complete with handles are available in

..

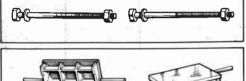
Vee belt, spare, for headstock (A29.5) (A780)

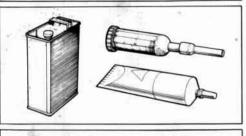
Vee belt, spare, for motor drive (M33.5) (Z870) ...

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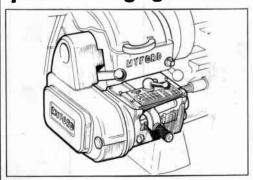
. .







quick-change gearbox



Gearbox complete with hinged guard, installation and operating instructions	1680
wheels spacers and studs. Covers 29 pitches from 0-2 to 4mm	1481/1
Slotted quadrant, for odd pitches. (Included in 1481/1 set); enables use of standard changewheels	2469
Changewheel stud assembly. (Two required for use with 2469 quandrant for ML7-RB and Super 7B only.) Each	1485
Quick change leadscrew (replacement for existing screw which can be modified) for ML7-R standard, 19" between centres	3011/1
for ML7-R long, 31" between centres for Super 7, boxes QC2495/1 and upwards, lathes prior to	A3839
SK115830, standard, 19" between centres	3011/1 A3839
For Super 7, SK115830 and onwards, standard 19" between centres	A9221 A9224
Ditto but long, 31" between centres	M9224

CODE

73 74

85

85

228

1196 1197

2422

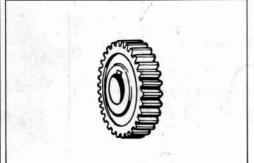
33/002 33/003 33/004

33/006 1490

33/001

3315

changewheels



Teeth	Price	Teeth	Price	Teeth	Price	Teeth	Price
*20		*60		21		48	
*25		*65		27		51	
*30		*70		28		52	
*35		*75		31		53	
*38 *40		80		32		59	
*40		85		33		62	
*45		90	*	39		63	
46		95		43		64	
*50		100		44		-73	
*55		127		47		81	

^{*}These wheels comprise a standard set for changewheel lathes, but two 20 tooth are included in the set.

For metric conversion for changewheel lathes, two 21 tooth wheels required per machine. A chart showing the use of these wheels can be supplied on request.

We reserve the right to charge prices ruling at a date of despatch and make changes in design and specification without notice. All orders are accepted subject to our Standard Conditions of Sale.