

QUICK-CHANGE ATTACHMENT

**RAPID SELECTION OF 48
THREADS AND FEEDS.
WILL FIT ANY **ML7** OR
SUPER 7 LATHE.**

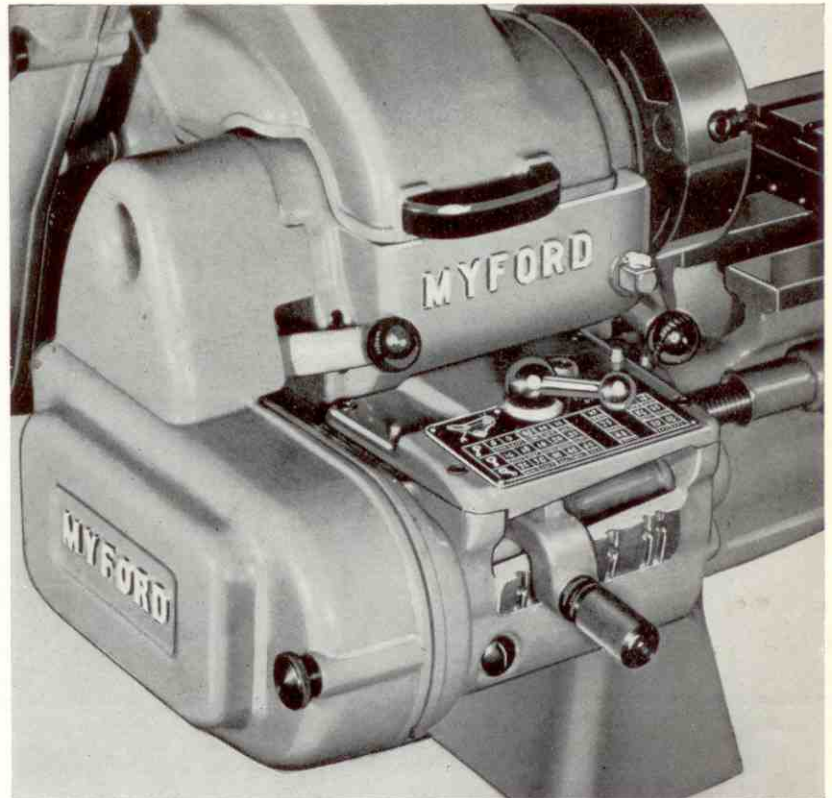
Complete with Hinged Guard, Installation and Operating Instructions.

For ML7 Lathe — No. 1480
For Super 7 Lathe — No. 1680

The Myford Quick-change Gearbox is designed for smooth, easy operation and long life. The hardened steel box-gears are mounted on precision ground high tensile steel shafts and revolve in a bath of oil. The Quadrant Gear Pins are of extra large diameter, and are provided with oil nipples for pressure lubrication.

The Chart on the Gearbox lid shows lever and gear positions which cover the normal range of pitches up to $\cdot 125''$ and feeds down to $\cdot 002''$. A slotted Quadrant is available, which permits the use of ordinary changewheels in conjunction with the gearbox. This enables the cutting of Metric, B.A., and hundreds of other odd pitches.

Illustrated Literature is supplied which covers installation and Operation. Many existing Lathes have the fixing holes already provided, but a Template is available for the Drilling and Tapping of older machines.



QUICK CHANGE LEADSCREW (Replacement for existing screw, if required).

NOTE! Installation instructions cover the shortening of the existing screw.

For ML7 Lathe, $\frac{3}{8}''$ Dia. (standard bed) No. A.4183
For Super 7 Lathe, $\frac{3}{4}''$ Dia. (standard bed) No. A.3011

REPLACEMENT LEADSCREW NUTS

For ML7 — No. 75/1310
For Super 7 — No. A.1975

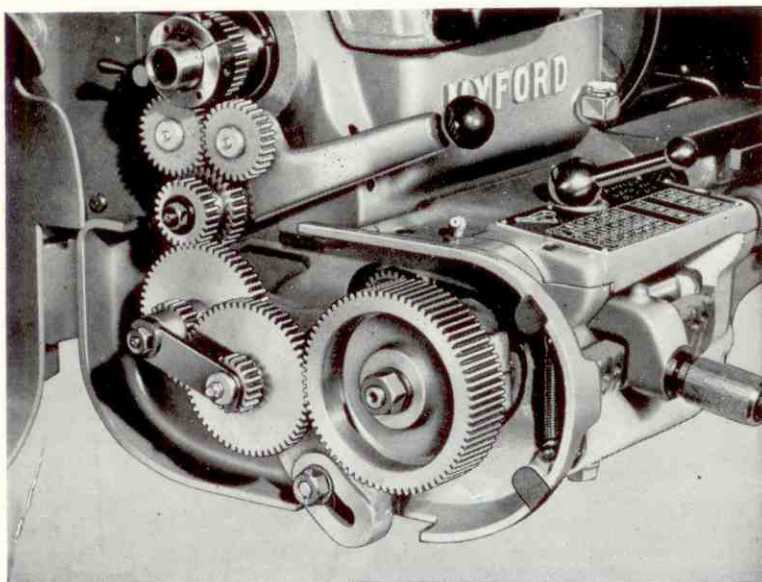
SLOTTED QUADRANT, for Odd Pitches

Included in No. 1481 Metric Conversion Set, below. Enables use of standard Change Wheels. No. A.2469 (For Super 7 use standard Change Wheel Studs. For Super 7B, ML7 & ML7B two A.1485 studs are required).

METRIC CONVERSION SET

Comprises Slotted Quadrant No. A.2469, 12 Change Wheels, two spacers and two studs No. A.1485. Covers Pitches shown on Metric Chart inside Hinged Guard.

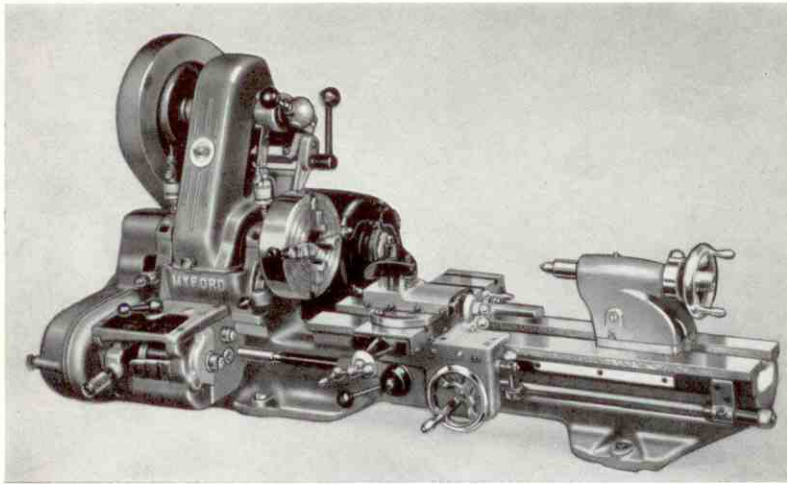
For ML7 and SUPER 7 Lathes — No. 1481/1



	8	9	9½	10	11		12		13	14
	·0139	·0123	·0117	·0111	·0101		·0093		·0085	·0079
	16	18	19	20	22		24		26	28
	·0069	·0062	·0058	·0055	·0050		·0046		·0043	·0040
	32	36	38	40	44		48		52	56
	·0035	·0031	·0029	·0028	·0025		·0023		·0021	·0020

Gear Box Chart showing English Threads and Feeds.

ML7B QUICK-CHANGE LATHE



- INSTANT SELECTION OF 48 THREADS OR FEEDS
- SIX SPINDLE SPEEDS 35-640 R.P.M. OR 47-870 R.P.M.
- SELF-CONTAINED DRIVE UNIT
- PRECISION GROUND BED
- TEE SLOTTED BORING TABLE OF LARGE AREA
- EXTENSIVE RANGE OF ACCESSORIES
- FULL GUARDING
- LEVER LOCK TO TAILSTOCK

SPECIFICATION

Nos. 10/003 and 10/004

Distance between centres	...	...	...	20 inch
Swing over bed	...	...	...	7 inch
Swing in Gap	...	...	...	10 inch
Swing over boring table	...	...	...	4 1/8 inch
Hole through Spindle	...	...	...	19/32 inch
Spindle Bored	...	...	...	No. 2 M.T.
Spindle Speeds (six)	...	...	35-640 or 47-870 r.p.m.	
Feeds	...	...	...	.014-.002 inch
Boring Table Travel	...	...	...	5 inch
Top Slide Travel	...	...	...	2 1/2 inch
Leadscrew	...	...	3/8 in. dia. 8 T.P.I. Acme	
Tailstock barrel bored	...	...	...	No. 2 M.T.
Tailstock barrel travel	...	...	...	2 3/4 inch
Overall length	...	...	...	3 ft. 5 inch
Overall Width	...	...	...	2 ft. 1 1/2 inch
Nett weight (including motor) approx.	...	...	...	200 lb.
Nett weight on 20/023 cabinet (inc. motor) approx.	...	...	...	320 lb.

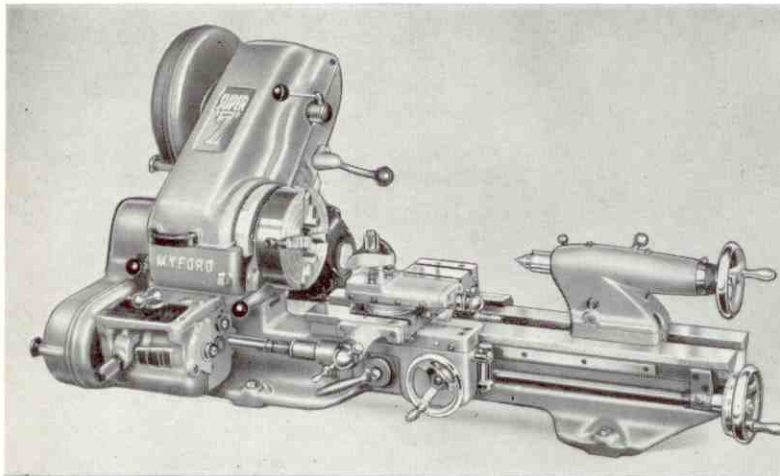
Long Bed Lathes 10/009 and 10/010 as above except, distance between centres 32", overall length 4 ft. 5 ins. Leadscrew 3/4" dia., weights increased by 50 lb.

A 1/2 h.p. three phase or 1/2 h.p. single phase 1420 r.p.m. motor is recommended. To ensure satisfaction, a suitable motor can be fitted at the factory. State whether A.C. or D.C., exact voltage and phase.

Standard Equipment

Faceplate, Catchplate, Backplate, Spanners, Oilgun, Guards, Centres, Sight Feed Lubricators and Metric Screwcutting Chart, etc. (NOTE: Motor, Chuck, Countershaft Clutch and Thread Dial Indicator not included).

SUPER 7B QUICK-CHANGE LATHE



- INSTANT SELECTION OF 48 THREADS OR FEEDS
- FOURTEEN SPINDLE SPEEDS 25-2,150 R.P.M.
- CLUTCH INCORPORATED IN DRIVE UNIT
- EXTRA LONG BORING TABLE TO ACCOMMODATE REAR TOOL POST
- SOLID GIB TO BORING TABLE
- FRICTION SETTING INDEX DIALS
- TAILSTOCK WITH QUICK FEED AND BALL THRUST

SPECIFICATION

No. 10/006

Distance between centres	...	...	...	19 inch
Swing over bed	...	...	...	7 inch
Swing in Gap	...	...	...	10 inch
Swing over Boring Table	...	...	...	4 1/8 inch
Hole through Spindle	...	...	...	19/32 inch
Spindle Bored	...	...	...	No. 2 M.T.
Spindle Speeds (fourteen)	...	...	...	25-2150 r.p.m.
Feeds	...	...	...	.014-.002 inch
Boring Table Travel	...	...	...	6 1/2 inch
Top Slide Travel	...	...	...	2 3/8 inch
Leadscrew	...	...	3/8 in. dia. 8 T.P.I. Acme	
Tailstock barrel bored	...	...	...	No. 2 M.T.
Tailstock barrel travel	...	...	...	2 3/4 inch
Overall length	...	...	...	3 ft. 10 1/2 inch
Overall width	...	...	...	2 ft. 3 1/2 inch
Nett weight (including motor) approx.	...	...	...	245 lb.
Nett weight on 20/023 cabinet (inc. motor) approx.	...	...	...	365 lb.

Long Bed Lathe 10/012 as above except, distance between centres 31", overall length 4 ft. 10 1/2 ins., weights increased by 50 lb.

A 1/2 h.p. three phase or 3/4 h.p. single phase 1420 r.p.m. motor is recommended. To ensure satisfaction, a suitable motor can be fitted at the factory. State whether A.C. or D.C., exact voltage and phase.

Standard Equipment

Faceplate, Catchplate, Backplate, Spanners, Oilgun, Guards, Centres, Leadscrew Handwheel and Metric Screwcutting Chart, etc. (NOTE: Motor, Chuck and Thread Dial Indicator not included).

Designs and Specifications subject to change without notice. Illustrations not binding in detail.

6M/M/7/71

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