

General Information. This indexing mechanism is similar to the Type U described in Bulletin No. RW27 and is designed to accommodate wafer strut centre dimensions:-

29.4 (1.156")
26.2 (1.031")
20.6 (0.812")

Torque Values.

The low friction moulded cam and followers in the assembly ensure a smooth and positive indexing action. Balanced pressure springs provide consistent and readily reproducible torque values which can be approximated as:-

Light 70 - 147 mNm (10-21 oz.in.)
Medium 98 - 196 mNm (14-28 oz.in.)
Heavy 168 - 350 mNm (24-50 oz.in.)

This mechanism is also available with panel and spindle seals allowing sealing to 1cm³/hr, and with 6,3mm (0.250") or 6,0mm (0.236") dia front shafts.

Indexing.

30°, 36°, 45° and 60° indexing is available for wafers listed below.

Model	MA	MK	MM	MSD
30°	●	●	●	●
36°	●			
45°	●	●	●	●
60°	●	●	●	●

Other wafers can also be fitted to the MU mechanism, ask technical sales for further details. Biasing can also be offered on some MA wafers, details are available upon request.

Finishes.

Standard :- Ferrous parts, zinc plated, non-ferrous parts clean.

Mounting Details.

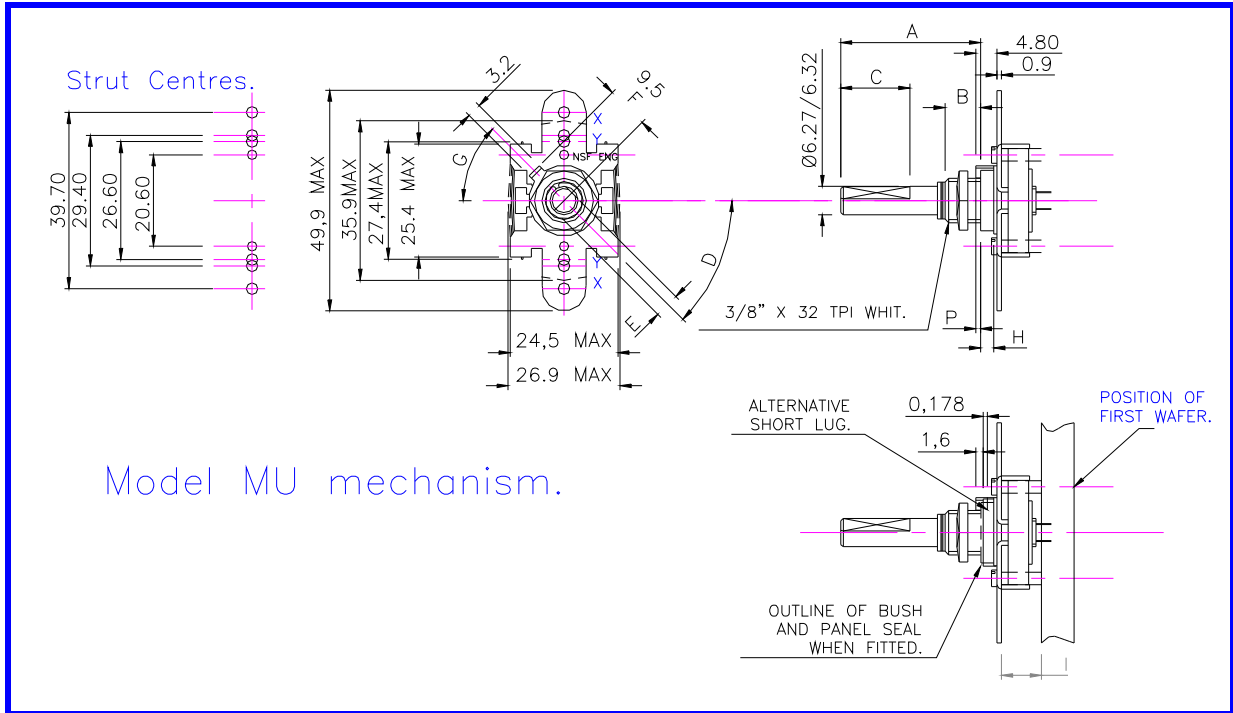
Imperial (standard).	Metric (alternative)
Bush 3/8" x 32TPI (Whit.)	M10 x 0.75.
Shaft 0.25" dia.	6mm, dia.
Nut 0.525" A/F.	14mm A/F.

The alternative is optional in each case.

Unless otherwise specified, each switch is supplied with an internal tooth steel lock washer.

Adjustable Stops.

An adjustable front stop is available with 30° and 60° indexing providing a quick and easy method of creating limitations to index rotation. This comprises two washers with a right angled tooth to engage in locating holes situated in the front plate of the mechanism. the silver coloured washer should be nearer to the mechanism and thus fitted first. The gold coloured washer is fitted last.



Model MU mechanism.

DIMENSIONS ARE IN MILLIMETRES.

Key to Details.

- A. Shaft length: optional ± 0.40 (0.016")
 - B. Bushing thread length: preferred standard 9.5 (0.375"); 6.35 (0.250") available as an alternative. Special lengths if necessary
 - C. Flat length: length to specification. Tolerance ± 0.40 (0.016"). Special shaft termination's may be provided to special requirements.
 - D. Angle of flat: to specification $\pm 2^\circ$; specify position of flat, with switch shaft in **fully anti-clockwise** position when viewed from front or knob end.
 - E. Flat thickness: standard 5.55 ± 0.15 (0.218" ± 0.005 ") for grub screws; 4.95 ± 0.05 (0.195" ± 0.002 ") for push-on knobs.
 - F. First spacer, minimum dimension: MU-MA and MU-MK 9.5 (0.375"), MU-A, F, FC, KM and DM :- 11,11 (0.437").
 - G. Angle of locating lug, $45^\circ, 135^\circ, 225^\circ$ and 315° from vertical centre line, standard 0° an 180° , to order.
- X & Y Mounting plate dimensions - 29,4 or 20,6 centres.

Wafer	Centres
MA	20,6 (0.812")
F,FC	26,6 (1.031")
MK	29,4 (1.156")
MM	39,7 (1.562")
MSD	39,7 (1.562")

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