

Datasheet

Mechanical Tubular Rod Inside Micrometers

RS Stock number 785-7847



Features:

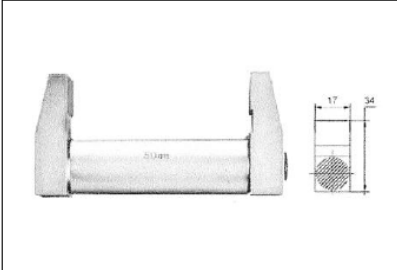
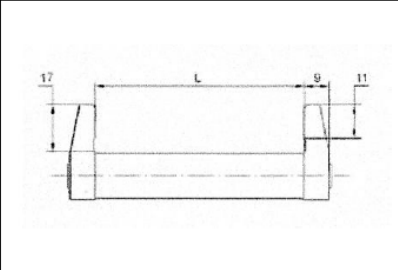
- Resolution: Metric 0.01mm
- Micro fine graduations for accurate reading
- Tungsten carbide tips
- Spindle locking knob
- Non-glare satin chrome barrel and sleeve
- Supplied in fitted case with adjustment tools

RS Code	Manufacturers Code	Range mm	Mic Head mm	Extensions mm	Setting Piece	Ext'n Dia. mm	Accuracy N = no. of rods, L = max measuring length (mm)
7857847	50-300-025	50-250	0-13	13, 25, 50, 100	yes	15.5	(3+n+L/50) microns
7857840	50-300-060	50-600	0-13	13, 25, 50, 100, 150, 200	yes	15.5	(3+n+L/50) microns

Packed Weight and Dimensions

RS Code	Manufacturers Code	Range mm	Weight g	W mm	H mm	L mm
7857847	50-300-025	50-250	690	125	37	210
7857840	50-300-060	50-600	1240	155	38	270

Setting Piece Accuracy

		Size L	Accuracy mm	Parallel mm
		50	+/-0.002	0.002
		75	+/-0.003	0.003
		100	+/-0.004	0.004
		150	+/-0.004	0.004
		200	+/-0.004	0.004
		250	+/-0.004	0.004
		275	+/-0.004	0.004

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Instructions and Care

- Check all new and in use micrometers for correct zero setting prior to use
- Clean micrometer head, extensions and measuring anvils with soft cloth or paper to remove any oil or particles which may affect the measurements
- Ensure that the micrometer is thermally stabilised with the temperature where it is to be used
- Fit the required extensions to the micrometer head
- Insert the micrometer anvils between the faces of a calibrated setting master
- Close the anvils into the setting piece using the ratchet stop to make the final adjustment
- The micrometer should now read zero. If the micrometer does not read zero, small adjustments can be made by using the "C" spanner provided
- Insert the "C" spanner into the hole at the back of the sleeve and gently turn the sleeve in the direction required to achieve correct line up
- The micrometer is now set and ready for use
- Clean micrometers and check zero position regularly during use to ensure their continued accuracy
- After use always clean and replace the micrometer in its box