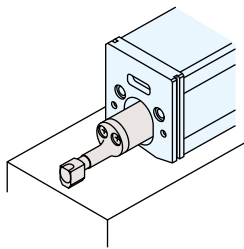


Dimensions Detectors and Drive units

Detectors

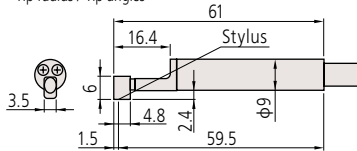
Unit: inch(mm)

Standard detectors

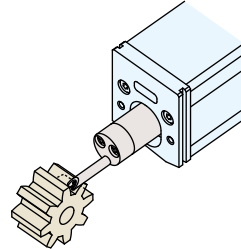


Order No.	Measuring force	Stylus profiles*	Remarks column
178-296	0.75mN	2µmR/60°	Dedicated to the standard/retractable drive unit
178-390	4 mN	5µmR/90°	
178-387	0.75mN	2µmR/60°	Dedicated to the transverse tracing drive unit
178-386	4 mN	5µmR/90°	
178-395	0.75mN	2µmR/90°	Dedicated to the standard/retractable drive unit
178-391	4 mN	10µmR/90°	

*Tip radius / Tip angles

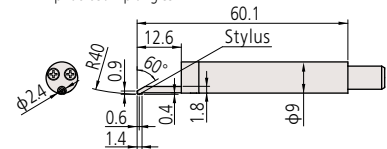


Gear-tooth surface detectors

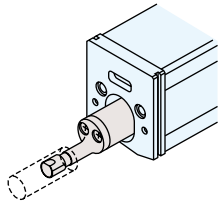


Order No.	Measuring force	Stylus profiles*
178-388	0.75mN	2µmR/60°
178-398	4 mN	5µmR/90°

*Tip radius / Tip angles

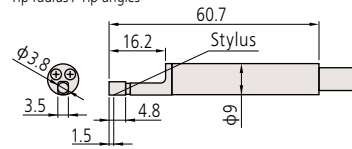


Small hole detectors

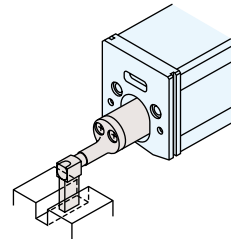


Order No.	Measuring force	Stylus profiles*	Remarks column
178-383	0.75mN	2µmR/60°	Minimum measurable hole diameter:4.5mm
178-392	4 mN	5µmR/90°	

*Tip radius / Tip angles

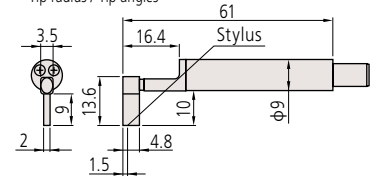


Deep groove detectors

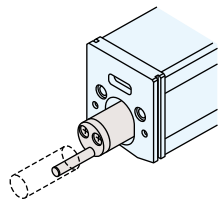


Order No.	Measuring force	Stylus profiles*	Remarks column
178-385	0.75mN	2µmR/60°	Not available for the transverse tracing drive unit
178-394	4 mN	5µmR/90°	

*Tip radius / Tip angles

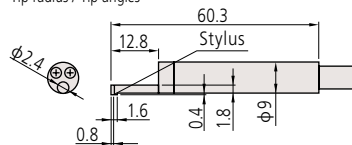


Extra small hole detectors



Order No.	Measuring force	Stylus profiles*	Remarks column
178-384	0.75mN	2µmR/60°	Minimum measurable hole diameter:2.8mm
178-393	4 mN	5µmR/90°	

*Tip radius / Tip angles



Drive units

Order No.	
178-230-2	Standard drive unit
178-233-2	S-Drive unit
178-234-2	S-Drive unit set (includes point-contact adapter)
178-235	R-Drive unit

