

Renishaw stands at the forefront of automated metrology, with the Group's products providing manufacturers with the ability to machine components accurately, and perform measurement traceable to international standards. Probe technology, allows fast, highly repeatable measurements to be carried out on co-ordinate measuring machines (CMMs). A wide range of automated probing systems has been developed to meet the needs of post-process inspection, for quality control. During the manufacturing operation, probes used on computer numerically controlled (CNC) machine tools provide the measurement capability to automatically control the machining process. This eliminates the need for costly, time consuming manual procedures.



\*Please contact us for the latest price

**M2 Threaded Stylus Range**  
**Ruby ball styli (stainless steel stems)**

Part number	A-5000-7806	A-5000-7802	A-5000-7807	A-5000-7803	A-5000-3604
<b>A</b> Ball dia. mm (inch)	1.0 (0.04)	1.5 (0.06)	2.0 (0.08)	2.5 (0.10)	3.0 (0.12)
<b>B</b> Length mm (inch)	10.0 (0.40)	10.0 (0.40)	10.0 (0.40)	10.0 (0.40)	10.0 (0.40)
<b>C</b> Stem dia. mm (in.)	0.7 (0.03)	0.7 (0.03)	1.0 (0.04)	1.0 (0.04)	1.5 (0.06)
<b>D</b> EWL* mm (inch)	4.5 (0.18)	4.5 (0.18)	6.0 (0.24)	6.5 (0.25)	7.0 (0.28)
Mass grammes	0.3	0.3	0.3	0.3	0.4

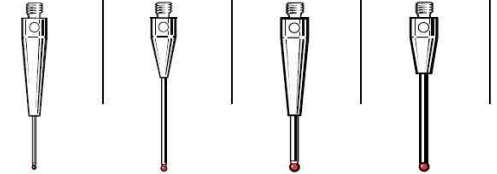
10 mm range



**M2 Threaded Stylus Range**  
**Ruby ball styli (tungsten carbide stems)**

Part number	A-5003-1345	A-5003-0577	A-5000-7808	A-5003-0033
<b>A</b> Ball dia. mm (inch)	0.5 (0.02)	0.7 (0.03)	1.0 (0.04)	1.0 (0.04)
<b>B</b> Length mm (inch)	20.0 (0.79)	20.0 (0.79)	20.0 (0.79)	20.0 (0.76)
<b>C</b> Stem dia. mm (in.)	0.3 (0.012)	0.5 (0.02)	0.7 (0.03)	0.8 (0.04)
<b>D</b> EWL* mm (inch)	7.0 (0.28)	12.0 (0.48)	7.0 (0.28)	12.5 (0.50)
Mass grammes	0.48	0.32	0.50	0.41

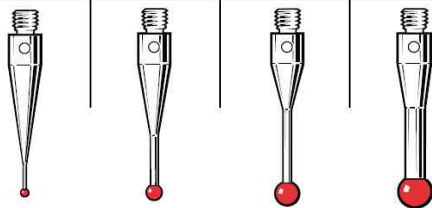
20 mm range



**M3 Threaded Stylus Range**  
**Ruby ball styli (stainless steel stems)**

Part number	A-5000-3551	A-5000-3552	A-5000-3553	A-5000-7606
<b>A</b> Ball dia. mm (inch)	1.0 (0.04)	2.0 (0.08)	3.0 (0.12)	4.0 (0.16)
<b>B</b> Length mm (inch)	21.0 (0.83)	21.0 (0.83)	21.0 (0.83)	21.0 (0.83)
<b>C</b> Stem dia. mm (in.)	0.7 (0.03)	1.4 (0.06)	1.5 (0.06)	2.5 (0.10)
<b>D</b> EWL* mm (inch)	4.0 (0.16)	9.6 (0.38)	14.7 (0.58)	17.2 (0.68)
Mass grammes	1.0	1.0	1.0	1.3

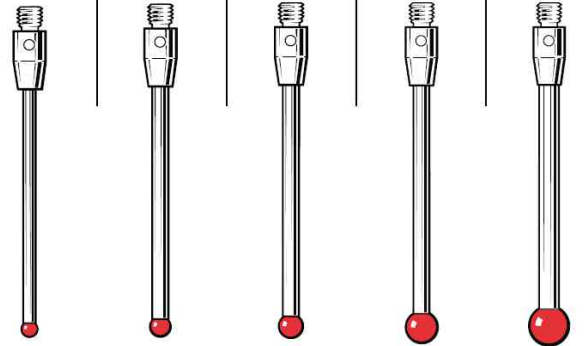
21 mm range



**M3 Threaded Stylus Range**  
**Ruby ball styli (tungsten carbide stems)**

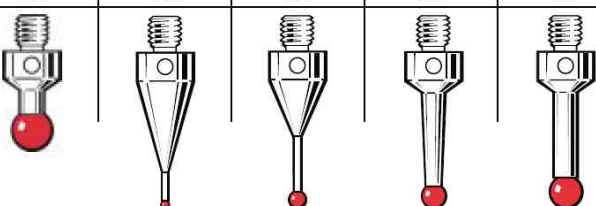
Part number	A-5003-0053	A-5003-0056	A-5003-0058	A-5003-0060	A-5003-0062
<b>A</b> Ball dia. mm (inch)	2.0 (0.08)	2.5 (0.10)	3.0 (0.12)	4.0 (0.16)	5.0 (0.20)
<b>B</b> Length mm (inch)	40.0 (1.58)	40.0 (1.58)	40.0 (1.58)	40.0 (1.58)	40.0 (1.58)
<b>C</b> Stem dia. mm (in.)	1.5 (0.06)	2.0 (0.08)	2.0 (0.08)	2.0 (0.08)	2.5 (0.10)
<b>D</b> EWL* mm (inch)	32.5 (1.28)	32.5 (1.28)	33.7 (1.33)	36.0 (1.42)	40.0 (1.58)
Mass grammes	1.58	2.28	2.30	2.38	3.50

40 mm range



**M4 Threaded Stylus Range**  
**Ruby ball styli (stainless steel stems)**

Part number	A-5000-6350	A-5000-7545	A-5000-7547	A-5000-7549	A-5000-7551
<b>A</b> Ball dia. mm (inch)	5.0 (0.20)	1.0 (0.04)	2.0 (0.08)	3.0 (0.12)	4.0 (0.16)
<b>B</b> Length mm (inch)	10.0 (0.39)	19.5 (0.77)	19.0 (0.75)	18.5 (0.73)	18.0 (0.71)
<b>C</b> Stem dia. mm (in.)	3.0 (0.12)	0.7 (0.03)	1.4 (0.05)	2.0 (0.08)	3.0 (0.12)
<b>D</b> EWL* mm (inch)	5.0 (0.20)	4.5 (0.18)	9.2 (0.36)	13.0 (0.52)	13.7 (0.54)
Mass grammes	1.9	2.5	2.3	2.0	2.1



**TP200 / TP200B modular probes**

The TP200/TP200B are electronic probes using strain gauge technology, which gives higher accuracy than kinematic touch-trigger probes. They combine outstanding metrology performance with superior functionality to produce a highly versatile DCC CMM probing system with excellent productivity.

