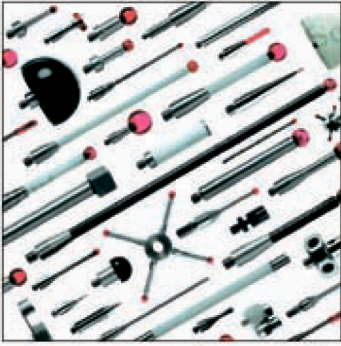


Probes and accessories

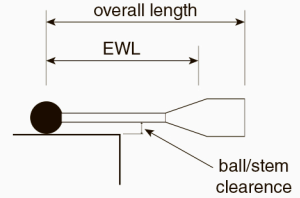


The element of the product to be measured determines the type and length of the probe. Maximum rigidity of the stem and perfect roundness of the ball are very important.

Only the M2 styli of the Renishaw probe program have been included in this catalog. M3, M4 and M5 are also available on request. The M2 probes are primarily suitable for the TP2, TP20 and TP200 probe systems.

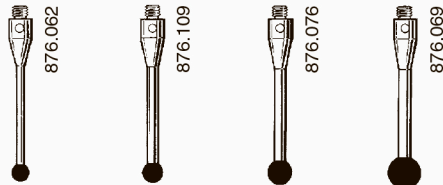
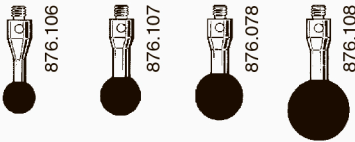
Choosing probes for inspections

In order to maximize the accuracy of the main part of the probe applications, we advise you to use:



- the shortest and stiffest probes possible; the more the probe bends or deviates, the lower the measuring accuracy.
- the largest possible probe ball; the bigger the probe ball, the greater the free space between the ball and the stem and the smaller the effect of the surface condition of the product that has to be measured.
- as little extensions as possible; every connection introduces a potential diffraction or deviation.

Ruby ball styli with stainless steel stem and thread M2



Item No.	Ball ø/mm	EWL* mm	Weight g
Total length* 10 mm:			
876.068	1	4.5	0.3
876.102	1.5	4.5	0.3
876.103	2	6	0.3
876.104	2.5	6	0.3
876.105	3	7.5	0.4
876.106	4	10	0.4
876.107	5	10	0.7
876.078	6	10	0.9
Total length* 11 mm:			
876.108	8	11	1.5
Total length* 20 mm:			
876.062	2	14	0.4
876.109	2.5	14	0.4
876.076	3	17.5	0.5
876.069	4	20.2	0.6

* Total length: from the base of the stem up to the center of the ball. EWL: effective working length.