

TESA® TRI-O-BOR®

Self-centring and self-aligning internal micrometers with 3-line contact with the part being inspected. These measuring instruments are specially suited for trough holes, but also for blind bores or short centring shoulders.



DIN 863 T4
(style C2)
NF E 11-099



0,002 mm
or 0.0002 in



0,01 mm
or 0.001 in



Measuring bolts and cone:
tungsten carbide tipped



Max. perm. error
for models covering appl. ranges from:

15 to 60 mm or
0.6 to 2.4 in: 3 µm
60 to 90 mm or
2.4 to 3.6 in: 4 µm
90 to 120 mm or
3.6 to 4.8 in: 5 µm



Repeatability limit for models covering the application ranges from:

15 to 60 mm or
0.6 to 2.4 in: 4 µm
60 to 90 mm or
2.4 to 3.6 in: 5 µm
90 to 120 mm /
3.6 to 4.8 in: 6 µm



Supplied with 1 heat insulating sleeve No. 09.40020, 2 keys No. 09.40001, 1 screwdriver No. 08.62801



Shipping box



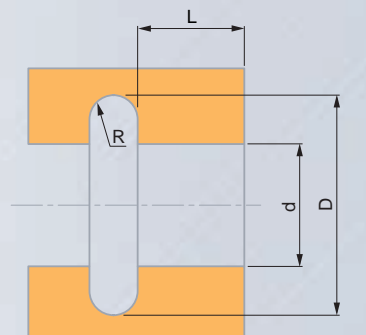
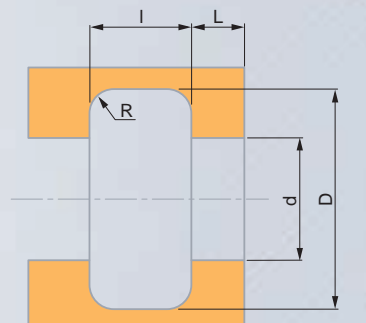
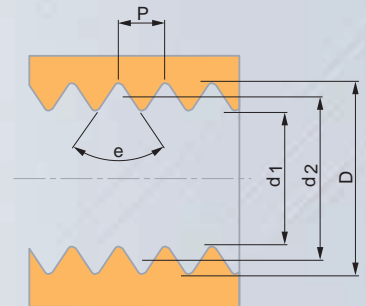
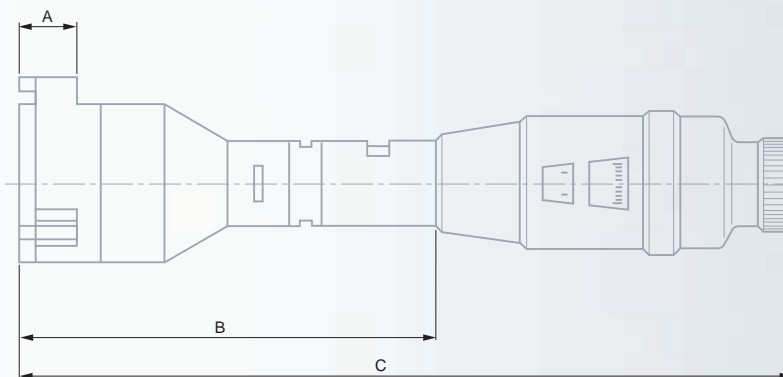
Identification number



Inspection report with a declaration of conformity

Special Measuring Bolts

Used for Metric ISO threads (M16x0,5 ÷ M150x6), Unified Inch threads UN, UNC or UNF (60°) and Whitworth threads (55°). Measuring bolts with special profiles can also be made available. Both the size and type of the thread or the workpiece to be measured must be specified in your inquiries or purchase orders (see drawings).



No	mm	No	in	Amm	Bmm	Cmm
09.10005	15 ÷ 20	09.20005	0.6 ÷ 0.8	6	≥ 66	≤ 132
09.10006	20 ÷ 25	09.20006	0.8 ÷ 1.0	6	≥ 66	≤ 132
09.10007	25 ÷ 30	09.20007	1.0 ÷ 1.2	6	≥ 66	≤ 132
09.10405	30 ÷ 40	09.20405	1.2 ÷ 1.6	10	≥ 70	≤ 138
09.10406	40 ÷ 50	09.20406	1.6 ÷ 2.0	10	≥ 70	≤ 138
09.10407	50 ÷ 60	09.20407	2.0 ÷ 2.4	10	≥ 70	≤ 138
09.10705	60 ÷ 70	09.20705	2.4 ÷ 2.8	18	≥ 78	≤ 147
09.10706	70 ÷ 80	09.20706	2.8 ÷ 3.2	18	≥ 78	≤ 147
09.10707	80 ÷ 90	09.20707	3.2 ÷ 3.6	18	≥ 78	≤ 147
09.11105	90 ÷ 100	09.21105	3.6 ÷ 4.0	18	≥ 78	≤ 147
09.11106	100 ÷ 110	09.21106	4.0 ÷ 4.4	18	≥ 78	≤ 147
09.11107	110 ÷ 120	09.21107	4.4 ÷ 4.8	18	≥ 78	≤ 147