

# ETALON® INTALOMETER 531

Measure through holes and blind bores as well as short centring shoulders. All models covering the application ranges up to 100 mm have slanted measuring bolts that extend beyond the front face of the measuring head.



Models from 10 to 100 mm: DIN 863 T4 (style C2) NF E 11-099



Models from 5 to 100 mm: 0,002 mm or 0.0001 in, with vernier reading 100 to 300 mm: 0,01 mm or 0.001 in



Measuring bolts on models from 5 to 100 mm: hardened steel 100 to 300 mm: tungsten carbide tipped



Max. perm. error for models covering appl. ranges from 5 to 40 mm or 0.188 to 1.604 in: 2 µm 40 to 100 mm or 1.394 to 4.005 in: 3 µm 100 to 300 mm or 4 to 6 in: 5 µm



Repeatability limit for models covering the application ranges from: 5 to 40 mm or 0.188 to 1.604 in: 3 µm 40 to 100 mm or 1.394 to 4.005 in: 4 µm 100 to 300 mm or 4 to 6 in: 5 µm



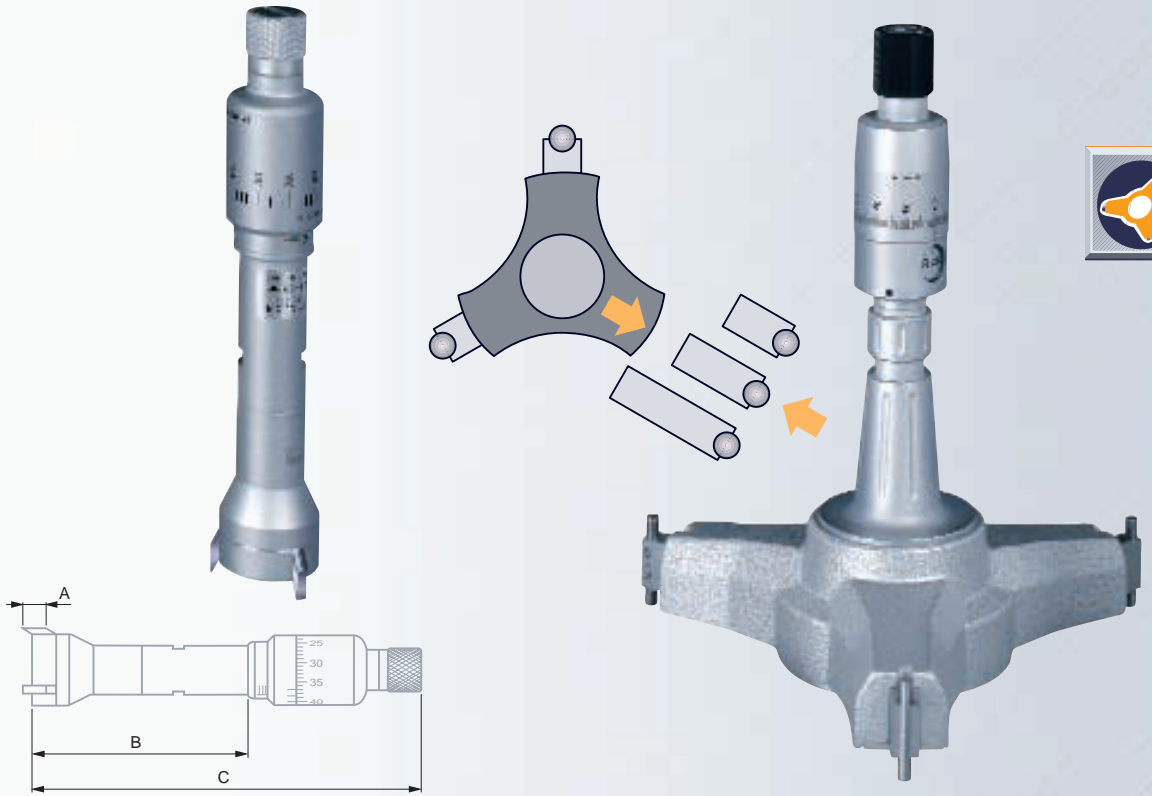
Plastic case or suitcase



Identification number



Inspection report with a declaration of conformity



No	mm	No	in	Angle	Amm	Bmm	Cmm
78.112356	5 ÷ 6	78.112374	0.188 ÷ 0.238	2 x 180°	3	≥ 32	≤ 109
78.112357	6 ÷ 7	78.112375	0.233 ÷ 0.278	2 x 180°	3	≥ 33	≤ 111
78.112358	7 ÷ 8,5	78.112376	0.272 ÷ 0.338	2 x 180°	4	≥ 60	≤ 130
78.112359	8,5 ÷ 10	78.112377	0.332 ÷ 0.402	2 x 180°	4	≥ 72	≤ 133
78.112360	10 ÷ 12,5	78.112378	0.396 ÷ 0.502	3 x 120°	3	≥ 60	≤ 118
78.112361	12,5 ÷ 15	78.112379	0.496 ÷ 0.602	3 x 120°	3	≥ 63	≤ 120
78.112362	15 ÷ 17,5	78.112380	0.596 ÷ 0.704	3 x 120°	3	≥ 65	≤ 122
78.112363	17,5 ÷ 20	78.112381	0.696 ÷ 0.804	3 x 120°	3	≥ 68	≤ 125
78.112364	20 ÷ 25	78.112382	0.794 ÷ 1.004	90°-135°-135°	7	≥ 75	≤ 132
78.112365	25 ÷ 30	78.112383	0.994 ÷ 1.204	90°-135°-135°	7	≥ 80	≤ 138
78.112366	30 ÷ 35	78.112384	1.194 ÷ 1.404	90°-135°-135°	7	≥ 90	≤ 142
78.112367	35 ÷ 40	78.112385	1.394 ÷ 1.604	90°-135°-135°	7	≥ 90	≤ 148
78.112368	40 ÷ 45	78.112386	1.595 ÷ 1.805	90°-135°-135°	10,5	≥ 110	≤ 167
78.112369	45 ÷ 50	78.112387	1.795 ÷ 2.005	90°-135°-135°	10,5	≥ 113	≤ 170
78.112370	50 ÷ 60	78.112388	1.995 ÷ 2.405	90°-135°-135°	15	≥ 123	≤ 187
78.112371	60 ÷ 70	78.112389	2.395 ÷ 2.805	90°-135°-135°	15	≥ 130	≤ 193
78.112372	70 ÷ 85	78.112390	2.795 ÷ 3.405	90°-135°-135°	15	≥ 145	≤ 213
78.112373	85 ÷ 100	78.112391	3.395 ÷ 4.005	90°-135°-135°	15	≥ 155	≤ 224
78.110733	100 ÷ 125	78.111174	4 ÷ 5	3 x 120°	27	≥ 105	≤ 194
78.110735	125 ÷ 150	78.111176	5 ÷ 6	3 x 120°	27	≥ 105	≤ 194
78.110737	150 ÷ 175			3 x 120°	27	≥ 105	≤ 194
78.110739	175 ÷ 200			3 x 120°	27	≥ 105	≤ 194
78.110741	200 ÷ 225			3 x 120°	27	≥ 105	≤ 194
78.110743	225 ÷ 250			3 x 120°	27	≥ 105	≤ 194
78.110745	250 ÷ 275			3 x 120°	27	≥ 105	≤ 194
78.110747	275 ÷ 300			3 x 120°	27	≥ 105	≤ 194

