

Micrometers with Prismatic Measuring Faces

Measure test pieces with an uneven number of grooves such as milling cutters, taps, drills and splined shafts as well as odd polygons. Determine roundness errors on cylindrical surfaces. Angle of the prism aperture is designed for workpieces having a number of 3 or 5 flutes.



DIN 863 T3
(style D 10)



0,001 mm
0.00005 in



mm / in
conversion



Tungsten
carbide tipped



Angle of the
prism aperture:
60° for 3-flute test pieces
or 108° for 5-flute test
pieces



0,75 mm for
3-flute test
pieces or 0,559 mm
for 5-flute test pieces



Max. 10 N



RS 232



Other
technical data
on page B-3



Plastic case



Identification
number



Inspection
report with a
declaration of conformity



Models MICROMASTER®



3-flute test pieces (60°)

60.30087	1 ÷ 7	0.04 ±0.27
60.30088	5 ÷ 20	0.20 ±0.80
60.30089	20 ÷ 35	0.80 ±1.38
60.30090	35 ÷ 50	1.38 ±1.97
60.30091	50 ÷ 65	1.97 ±2.56
60.30092	65 ÷ 80	2.56 ±3.15

5-flute test pieces (108°)

60.30093	1 ÷ 7	0.04 ±0.27
60.30094	5 ÷ 25	0.20 ±0.98
60.30095	25 ÷ 45	0.98 ±1.77
60.30096	45 ÷ 65	1.77 ±2.56
60.30097	65 ÷ 85	2.56 ±3.35
60.30098	85 ÷ 105	3.35 ±4.13

