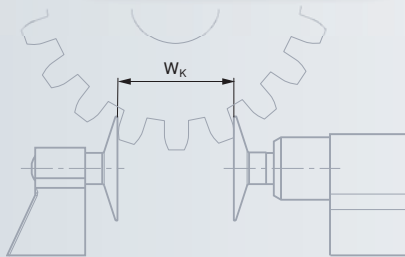


## Micrometers for Gear Pitch Measurement

Flanges with ring-shaped measuring faces for root tangent lengths  $W_k$  on gear pitches, distance between grooves and slots as well as other hard-to-reach locations.

### Models MICROMASTER

Non-rotating measuring spindle – Without spindle lock.



No	mm	in
06030041	0 ÷ 30	0 ÷ 1.2
06030042	25 ÷ 55	1 ÷ 2.1
06030043	55 ÷ 85	2.1 ÷ 3.35
06030044	85 ÷ 115	3.35 ÷ 4.5

### Models ISOMASTER AE



No	mm
00210201	0 ÷ 25
00210202	25 ÷ 50
00210203	50 ÷ 75
00210204	75 ÷ 100
00210205	100 ÷ 125
00210206	125 ÷ 150

### Micrometers for Gear Tooth Measurement

	Max. perm. error* with partial contact of the measuring face µm	Max. perm. error with full contact of the measuring face (DIN 863-T1) µm	Flatness µm	Parallelism µm	Max. flexure of the frame µm
0 ÷ 30	10	4	2	5	2
25 ÷ 55	10	4	2	5	2
55 ÷ 85	11	5	2	5	3
85 ÷ 115	12	5	2	6	4

\* Disregarding a rim of 1 mm as the measuring faces are being inspected. For enhanced accuracy, the micrometer should be calibrated in the position of use.



DIN 863 T3 (Style D7)

0,001 mm  
0.00005 in

Metric/Inch conversion

Hardened steel

Non-rotating spindle ≤ 85 mm: 25 mm dia.  
> 85 ≤ 115 mm: 30 mm dia.

Suitable from module 0,5

Max. 10 N

RS 232

Additional technical data: see page C-3.

Plastic case

Identification number

Inspection report with a declaration of conformity



DIN 863 T3 (Style D7)  
NF E 11-090

0,01 mm

Hardened steel

≤ 100 mm: 25 mm dia.  
> 100 ≤ 150 mm: 32 mm dia.

Suitable from module 0,6

Max. 10 N

Plastic case

Identification number

Inspection report with a declaration of conformity

