



DIN 863 T3
(Style D7)

0,001 mm
0.00005 in

Metric/Inch
conversion

Hardened
steel

Non-rotating
spindle ≤ 90 mm:
25 mm dia.
 $> 90 \leq 120$ mm: 30 mm dia.

Suitable from
module 0,5

Max. 10 N

RS 232

Other
technical data:
see page B-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.
 $> 100 \leq 150$ mm:
32 mm dia.

Suitable from
module 0,6

Max. 10 N

Plastic case

Identification
number

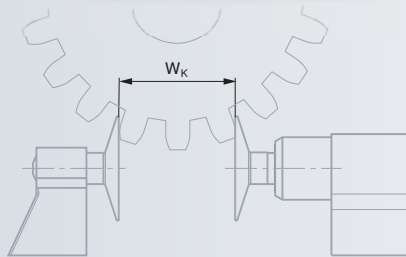
Inspection report
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Micrometers for Gear Pitch Measurement

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 meas- uring 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.

