

Precision Dial Gauges

0,01 mm dial readout / 58 mm dial diameter



EN ISO 463
Factory
standard

0,01 mm

1,5 mm

Rotating dial
with or without
dial lock

Full-metal
dial casing.
Stainless steel
fixing shank and plunger,
hardened.

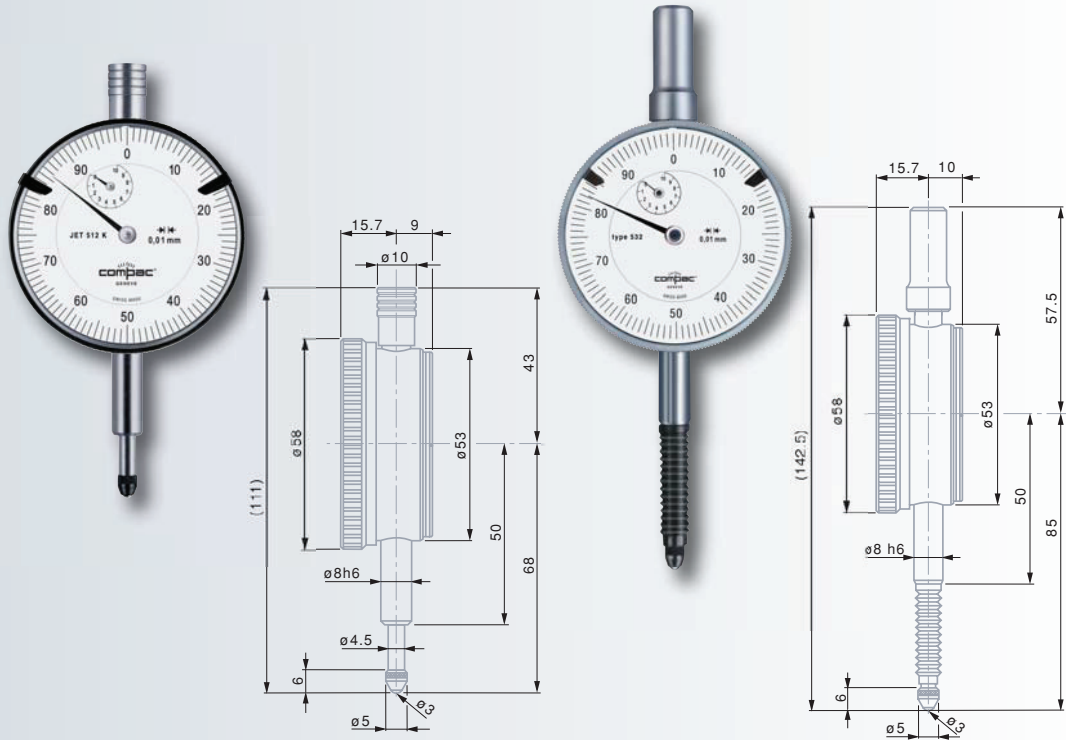
Adjustable toler-
ance marks. M2,5
mounting thread
for the measuring insert.

3 mm dia.
ball tip, already
mounted.

Cardboard box

Identification
number

Inspection report
with a declaration
of conformity



mm

mm

mm

mm

COMPAC dial gauges

512K	0,01	10	10,5	–	–	1	0 ÷ 50 ÷ 100
532	0,01	10	10,5	●	–	1	0 ÷ 50 ÷ 100

COMPAC IP 54 dial gauge, protected against the penetration of liquids

532E	0,01	10	10,5	●	–	1	0 ÷ 50 ÷ 100
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COMPAC dial gauges with limited reading range

532S	0,01	± 0,4	4	●	●	1,27	40 ÷ 0 ÷ 40
533S	0,01	± 0,5	4	●	–	1,27	50 ÷ 0 ÷ 50

Permissible limits of a metrological characteristic (MPE/MPL)

	±0,4/±0,5 mm	10 mm
Deviation span	7 µm	15 µm
Deviation span within the local measuring span 0,10 mm	5 µm	8 µm
Total deviation span	9 µm	17 µm
Repeatability limit	3 µm	3 µm
Max. hysteresis	3 µm	3 µm
Measuring force – Model IP54	≤ 1 N –	≤ 1,5 N ≤ 2,2 N