

Precision Dial Gauges

0,001 mm dial readout / 40 mm dial diameter



EN ISO 463
Factory
standard



0,001 mm



1,1 mm



Rotating dial,
With or without
dial lock.



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



High performance
shock proof system
in both directions



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



TESA dial gauges

01410010	YR	0,001	1	1,5	●	●	0,1	0 ÷ 50 ÷ 100
01410011	YR	0,001	1	1,5	●	●	0,1	0 ÷ 50 ÷ 0
01412510	YE	0,001	1	1,5	●	–	0,1	0 ÷ 50 ÷ 100

TESA dial gauges IP54, protected against the penetration of liquids

01410120	YR	0,001	1	1,5	●	–	0,1	0 ÷ 50 ÷ 100
01410121	YR	0,001	1	1,5	●	–	0,1	0 ÷ 50 ÷ 0
01412710	YE	0,001	1	1,5	●	–	0,1	0 ÷ 50 ÷ 100

COMPAC dial gauge

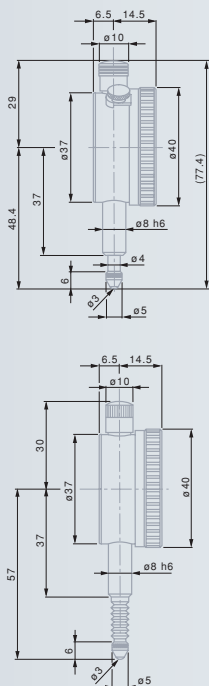
367		0,001	1	1,5	●	–	0,1	0 ÷ 5 ÷ 10
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COMPAC dial gauge IP54, protected against the penetration of liquids

367E		0,001	1	1,5	●	–	0,1	0 ÷ 5 ÷ 10
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COMPAC dial gauge with limited reading range

367S		0,001	±0,04	1,5	●	–	0,1	4 ÷ 0 ÷ 4
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Permissible limits of a metrological characteristic (MPE/MPL)

	±0,04 mm	1 mm
Deviation span	2 µm	4 µm
Deviation span within the local measuring span 0,10 mm	2 µm	4 µm
Total deviation span	4 µm	5 µm
Repeatability limit	1 µm	1 µm
Max. hysteresis	1 µm	1 µm
Measuring force – Models IP54	≤ 1,4 N	≤ 1,7 N ≤ 2 N