

TESA® YE Precision Dial Gauges Reading to 0,001 mm

Feature a precision movement based on a combined gear and level transmission – This combination, which is similar to that of precision indicators, offers full shock protection as well as very low hysteresis.

Models with a 40 mm Dial Diameter



No	mm	mm	mm	with	mm		N
<i>Regular model</i>							
14.12510	0,001	1	1,5	with	0,1	0 ÷ 50 ÷ 100	≤ 1,7
<i>Model IP54 protected against the penetration of liquids</i>							
14.12710	0,001	1	1,5	with	0,1	0 ÷ 50 ÷ 100	≤ 2

Models with a 58 mm Dial Diameter



No	mm	mm	mm	with	mm		N
<i>Regular models</i>							
14.12511	0,001	1	1,5	with	0,1	0 ÷ 50 ÷ 100	≤ 1,7
14.12611	0,001	5	5,3	with	0,2	0 ÷ 100 ÷ 200	≤ 1,7
<i>Model IP54 protected against the penetration of liquids</i>							
14.12711	0,001	1	1,5	with	0,1	0 ÷ 50 ÷ 100	≤ 2



Factory standard



0,001 mm



40 mm dial dia. :
1,1 mm,
58 mm dial dia. : 2,2 mm.



Rotating dial



Full-metal case housing

Fixing shank and plunger in hardened stainless steel



High performance shockproof system in both directions



Adjustable tolerance markers

M2,5 thread for the measuring insert



Size for a 40 mm dia. dial on page E-11 or E-12 for a 58 mm dia. dial



Dial gauges with a 1 mm measuring span:
deviation span of 4 µm.
Total deviation span of 5 µm.

Models with a 5 mm measuring span:
deviation span of 12 µm.
Total deviation span of 14 µm.



Dial gauges with a measuring span of 1 mm: 1 µm or 5 mm: 2 µm.



Dial gauges with a measuring span of 1 mm: 1 µm or 5 mm: 2 µm.



See table opposite



Mounted insert with a 3 mm dia. steel ball tip



Cardboard box



Identification number



Inspection report with a declaration of conformity