

# Precision Dial Gauges

0,001 mm dial readout / 58 mm dial diameter



EN ISO 463  
Factory  
standard



0,001 mm



1,5 mm



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



High performance  
shockproof 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



*TESA dial gauges*

<b>01412511</b>	YE	0,001	1	1,5	●	–	0,1	0 ÷ 50 ÷ 100
<b>01410410</b>	YR	0,001	1	3,3	●	–	0,1	0 ÷ 50 ÷ 100
<b>01410411</b>	YR	0,001	1	3,3	●	–	0,1	0 ÷ 50 ÷ 0
<b>01412611</b>	YE	0,001	5	5,3	●	–	0,2	0 ÷ 100 ÷ 200

*COMPAC dial gauges IP54, protected against the penetration of liquids*

<b>01412711</b>	YE	0,001	1	1,5	●	–	0,1	0 ÷ 50 ÷ 100
<b>01410520</b>	YR	0,001	1	3,3	●	–	0,1	0 ÷ 50 ÷ 100

**Permissible limits of a metrological characteristic (MPE/MPL)**

	1 mm	5 mm	
	Deviation span	4 µm	12 µm
	Deviation span within the local measuring span 0,10 mm	4 µm	
	Total deviation span	5 µm	14 µm
	Repeatability limit	1 µm	2 µm
	Max. hysteresis	1 µm	2 µm
	Measuring force – Models IP54	≤ 1,7 N –	≤ 1,5 N ≤ 1,7 N

