

COMPAC Dial Test Indicators

Essential for the workshop, but also in the inspection room or measuring laboratory – Ideal for comparative measurement on a surface plate – Detect form and position errors – Measure axial and radial runouts, especially.



DIN 2270 and factory standard

Rotating dial

Friction lever system to preventing overload

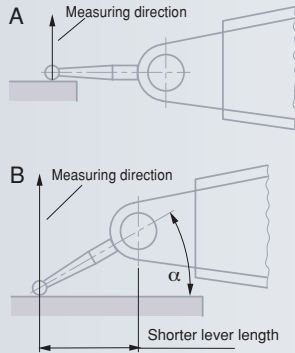
Contact points with tungsten carbide ball tips

Delivery in a suited plastic case

including:
 1 contact point, 2 mm dia.
 1 rigid stem with 8 mm dia., L = 15 mm, No. 01840107
 1 rigid stem with 4 mm dia., L = 15 mm, No. 01840109 (except for series 220).

Serial number

Inspection report with a declaration of conformity



Technical features

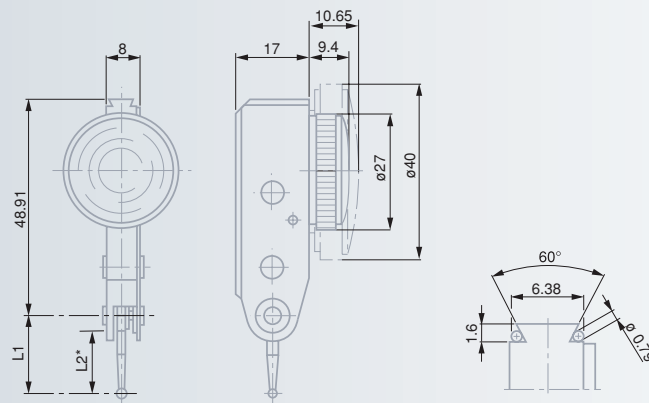
- Long range up to 3 mm.
- Bidirectional measuring, without reversing lever.
- Continuous two-way clockwise rotation of the pointer.
- Swivelling probe through 180°.
- Main pivot on oversized, self-aligning angular bearings.
- Dovetail mounting machined in the indicator body.
- Dull-chrome plated bezel and housing.
- Rotating dial.
- Insensitive to magnetic fields generated in common precision mechanics.

Note for use of COMPAC dial test indicators

With the measuring insert lying parallel to the workpiece surface (Fig. A), these dial test indicators give true reading due to the amplification factor to 1:1.

In any other measuring position (angle α in Fig. B), the effective lever length changes so that the read value need be corrected. With respect to this, also read in the instruction manual.

COMPAC Series 210 – Type Standard



*L2 see table page G-15



Metric Reading

No	Whole travel mm	Travel/revolution mm	Ø mm	Contact point L1 mm	µm	µm	µm	N		
213	0,01	1,5	0,5	27	0÷25÷ 50	18	13	3	≤ 0,35	
213G	0,01	1,5	0,5	40	0÷25÷ 50	18	13	3	≤ 0,35	
212L	0,01	3	1	27	0÷50÷100	36	26	3	≤ 0,20	
212GL	0,01	3	1	40	0÷50÷100	36	26	3	≤ 0,20	
215	0,002	0,6	0,1	27	0÷ 5÷ 10	18	13	1,5	2,5	≤ 0,30
215G	0,002	0,6	0,1	40	0÷ 5÷ 10	18	13	1,5	2,5	≤ 0,30
215GL	0,002	1,2	0,2	40	0÷10÷ 20	36	26	1,5	5	≤ 0,20
216G	0,001	0,6	0,1	40	0÷ 5÷ 10	18	13	1,5	2,5	≤ 0,30