

Analogue lever-type dial test indicators, short travel

RUBYTAST series, standard, metric

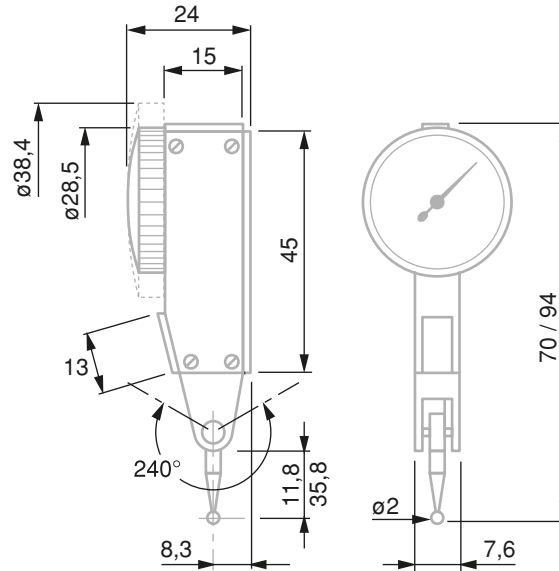


01811001

Standard	Dimensions : ISO 9493 Performances : DIN 2270
Units	mm
Material	Housing: Metal Ball inserts: Ruby
Dimensions	Insert thread: M1,4
Reading direction	Clockwise and anti-clockwise
Dial	Rotating dial
Shockproof mechanism	With
Remark(s)	If the position of the insert is parallel to the surface of the workpiece (left figure), the 1:1 ratio is accurate. Therefore, the reading does not require any correction. In the opposite case (right figure), the effective length of the lever changes. The readings must then be corrected. In this regard, please refer to the user manual. The original inserts mounted on the instrument can be replaced with inserts that have either the same or a different ball diameter, provided that the nominal length of the insert is maintained.
Included in delivery	Lever-type dial test indicator with mounted ball insert $\varnothing$ 2 mm Rigid stem $\varnothing$ 8 mm User manual Declaration of conformity



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Article number	Series	Resolution mm	Measuring range mm	Ø Dial mm	Circular scale	Probe length mm	Measuring force N
01811000	RUBYTAST	0,01	0,8	28	0 ÷ 0,4 ÷ 0	12,53	0,15
01811001	RUBYTAST	0,002	0,2	38	0 ÷ 100 ÷ 0	12,53	0,15

Article number	MPE _{tot} , retractable and extendable plunger, µm	MPE _e , retractable plunger, µm	MPE _p , 10 div µm	MPE _h µm	MPE _r µm
01811000	13	10	5	3	3
01811001	3,5	2	1	1,5	1

MPE_e: Indication error on the measuring range (retractable plunger)
 MPE_{tot}: Indication error on the measuring range (retractable and extendable plunger)
 MPE_p 10 div: Deviation span within the local measuring span
 MPE_r: Repeatability of the indication error
 MPE_h: Hysteresis of indication error