



- Bezel rotates fully 360° to set zero in any position

Dial comparator gauge

TD1P/TD1PL/TD2P/TD10P/TD1F1

- Jewelled movement and precision pinions and shafts
- Measuring spindle mounted in high-precision guide. This allows high measurement accuracy and minimal hysteresis
- Effective shockproof system
- Quick zero setting with fine adjustment over the total measuring range through the screw on top
- Additional overtravel assists with the insertion of workpieces into the measuring device

DIAL INDICATORS

High quality dial indicators, whose design, accurate components, precision engineered mechanism and robust construction offer accuracy, reliability, durability and long working life.

Standard features for all models are:

- Adjustable tolerance markers to set tolerance limits
- Hardened, stainless steel mounting shank and measuring spindle are corrosion proof

- Lapped spindle increasing resistance to wear
- Sturdy metal housing

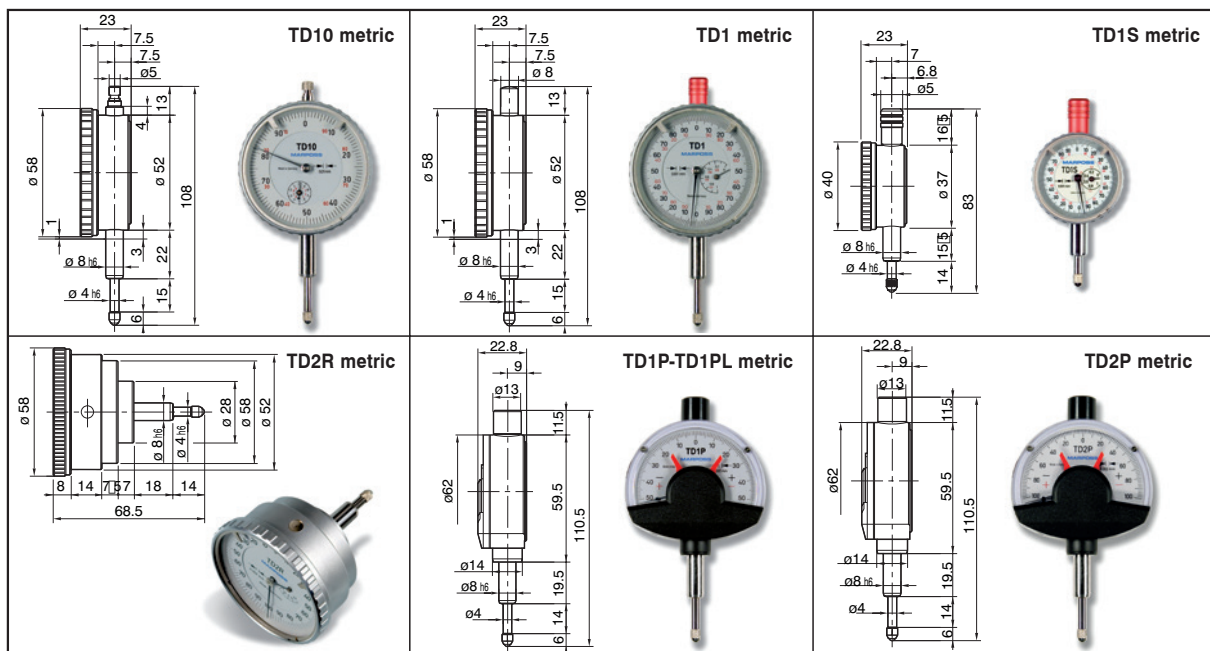
High precision dial indicator TD1/TD1S/TD2R

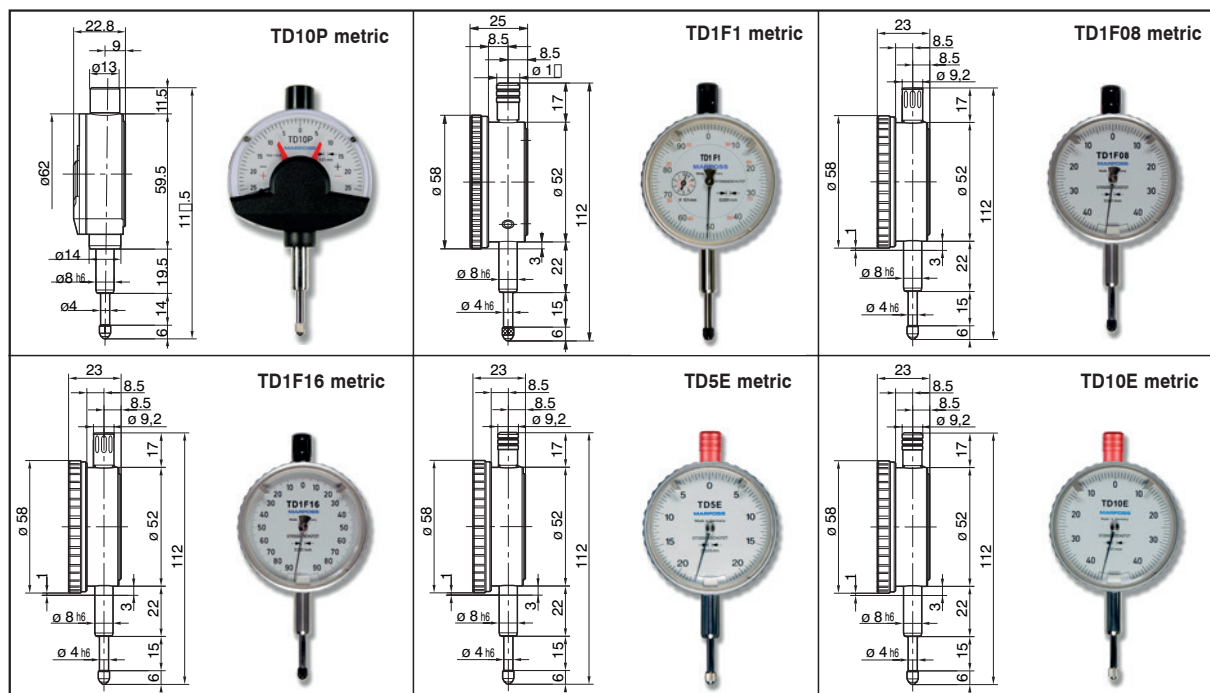
- High magnification gear train and high-resolution dials allow a very precise reading of the measuring value
- Precisely matched measuring spindles and stems minimise lateral play
- All gear pivots run in high class ceramic bearings

Error free dial indicators

TD5E/TD10E/TD1F08/TD1F16

- Measuring range is limited to less than one revolution of the pointer
- TD1F08 and TD1F16 feature a combined gear and lever transmission which guarantees high accuracy and low hysteresis
- Effective shockproof system
- Additional overtravel assists with the insertion of workpieces into the measuring device





TECHNICAL SPECIFICATIONS - HOW TO ORDER

MODEL	MEAS. RANGE	RANGE PER REVOLUTION	GRADUATION (RESOLUTION)	SCALE READING	NUMBER OF GRADUATIONS ON THE SCALE	ORDER CODE
TD10 metric	10 mm	1 mm	0,010 mm	0 - 100	100	0E31010100
TD1 metric	1 mm	0,2 mm	0,001 mm	0 - 100 - 0	200	0E31020200
TD1S metric	1 mm	0,2 mm	0,001 mm	0 - 100 - 0	200	0E31020250
TD2R metric	0,400 mm	0,2 mm	0,002 mm	0 - 100 - 0	200	0E31040300
TD1P metric	0,100 mm	-	0,001 mm	50 - 0 - 50	100	0E31030200
TD1PL metric	0,100 mm	-	0,001 mm	50 - 0 - 50	100	0E31030250
TD2P metric	0,200 mm	-	0,002 mm	100 - 0 - 100	100	0E31090300
TD10P metric	0,500 mm	-	0,010 mm	25 - 0 - 25	50	0E31080100
TD1F1 metric	1 mm	0,1 mm	0,001 mm	0 - 100	100	0E31020210
TD1F08 metric	0,080 mm	-	0,001 mm	40 - 0 - 40	80	0E31050200
TD1F16 metric	0,160 mm	-	0,001 mm	80 - 0 - 80	160	0E31060200
TD5E metric	0,400 mm	-	0,005 mm	20 - 0 - 20	80	0E31040400
TD10E metric	0,800 mm	-	0,010 mm	40 - 0 - 40	80	0E31070100

MODEL	BEZEL DIAMETER	STEM DIAMETER	CONTACT THREAD	REPEATABILITY (f _w)	ACCURACY (f _a) (*)	MEASURING FORCE (±10%) (N)
TD10 metric	58 mm	8 h6 mm	M 2,5	0,003 mm	0,015 mm	07 - 1,2
TD1 metric	58 mm	8 h6 mm	M 2,5	0,003 mm	0,005 mm	0,8 - 1,6
TD1S metric	40 mm	8 h6 mm	M 2,5	0,003 mm	0,005 mm	1 - 1,2
TD2R metric	58 mm	8 h6 mm	M 2,5	0,005 mm	0,005 mm	2 - 2,2
TD1P metric	62 mm	8 h6 mm	M 2,5	0,0005 mm	0,001 mm	1,2 - 1,4
TD1PL metric	62 mm	8 h6 mm	M 2,5	0,0005 mm	0,001 mm	0,5 - 0,75
TD2P metric	62 mm	8 h6 mm	M 2,5	0,0006 mm	0,002 mm	1,5
TD10P metric	62 mm	8 h6 mm	M 2,5	0,003 mm	0,010 mm	1,5
TD1F1 metric	58 mm	8 h6 mm	M 2,5	0,0005 mm	0,003 mm	1,5
TD1F08 metric	58 mm	8 h6 mm	M 2,5	0,0015 mm	0,002 mm	1,5
TD1F16 metric	58 mm	8 h6 mm	M 2,5	0,0015 mm	0,002 mm	1,5
TD5E metric	58 mm	8 h6 mm	M 2,5	0,003 mm	0,007 mm	1,2
TD10E metric	58 mm	8 h6 mm	M 2,5	0,003 mm	0,007 mm	1,5

(*) Span of error being the plunger pressed in

For a full list of address locations, please consult the Marposs official website

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