



DIN 2270  
NF E 11-053

Rotating dial

Very low measuring force  
(see table on page F-3)

Movement with shock absorber

Lever system with friction clutch acting as load inhibitor

For accuracy, see table on page F-3

Provided in a suited plastic case including:

- 3 measuring inserts with 1 mm dia. (No. 01860201)
- 2 mm dia. (No. 01860202)
- 3 mm dia. (No. 01860203)
- 1 wrench (No. 01860307)
- 2 mounting rods with 4 mm dia. (No. 01840104)
- 8 mm dia. (No. 01840105)

**Exceptions**

**ROCTEST No. 0351761303** in a plastic case including:  
1 measuring insert with 2 mm dia. (No. 01860202)  
1 wrench (No. 01860307)  
1 mounting rod with 8 mm dia. (No. 01840105)

**ROCTEST No. 0351761305** in a plastic case including:  
1 36,53 mm meas. insert, 2 mm dia. (No. 01860212)  
1 wrench (No. 01860307)  
1 mounting rod with a 8 mm dia. (No. 01840105)

Identification number

Declaration of conformity



Carbide or ruby ball tips

M1,4 coupling thread

## ROCH Dial Test Indicators ROCTEST

- Bidirectional measuring through automatic reversal inside the movement.
- Continuous clockwise pointer rotation providing clear unambiguous reading.
- Insensitive to magnetic fields.
- Jeweled movement with rubies.
- Ball-bearing lever mechanism with measuring insert swivelling through 240°.
- Very low measuring force.
- Full-metal construction giving exceptional robustness.
- One-piece housing with 3 dovetail mounting attachments.

### ROCTEST Regular Models

No	mm	mm	∅		Insert
<b>0351761301</b>	0,01	0,8	28	0 ÷ 0,4 ÷ 0	12,53
<b>0351761302</b>	0,01	0,8	38	0 ÷ 0,4 ÷ 0	12,53
<b>0351761303*</b>	0,01	0,8	28	0 ÷ 0,4 ÷ 0	12,53
<b>0351761305</b>	0,01	0,5	38	0 ÷ 0,25 ÷ 0	36,53
<b>0351761311</b>	0,002	0,2	28	0 ÷ 100 ÷ 0	12,53
<b>0351761312</b>	0,002	0,2	38	0 ÷ 100 ÷ 0	12,53

\* Low-cost model (for information on the scope of delivery, see opposite)

### ROCTEST Perpendicular Models

No	mm	mm	∅		Insert
<b>0351761321</b>	0,01	0,8	28	0 ÷ 0,4 ÷ 0	12,53
<b>0351761322</b>	0,01	0,8	38	0 ÷ 0,4 ÷ 0	12,53
<b>0351761331</b>	0,002	0,2	28	0 ÷ 100 ÷ 0	12,53
<b>0351761332</b>	0,002	0,2	38	0 ÷ 100 ÷ 0	12,53

### ROCTEST Lateral Models

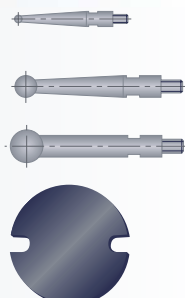
No	mm	mm	∅		Insert
<b>0351761341</b>	0,01	0,8	28	0 ÷ 0,4 ÷ 0	12,53
<b>0351761342</b>	0,01	0,8	38	0 ÷ 0,4 ÷ 0	12,53
<b>0351761351</b>	0,002	0,2	28	0 ÷ 100 ÷ 0	12,53
<b>0351761352</b>	0,002	0,2	38	0 ÷ 100 ÷ 0	12,53

### Measuring inserts

No	No	mm	mm
Carbide ball tips	Ruby ball tips		
<b>01860201</b>	<b>01860301</b>	1	12,53
<b>01860202</b>	<b>01860302</b>	2	12,53
<b>01860203</b>	<b>01860303</b>	3	12,53
<b>01860211</b>	<b>01860304</b>	1	36,53
<b>01860212</b>	<b>01860305</b>	2	36,53
<b>01860213</b>	<b>01860309</b>	3	36,53
<b>01860307</b>	Wrench for measuring inserts		

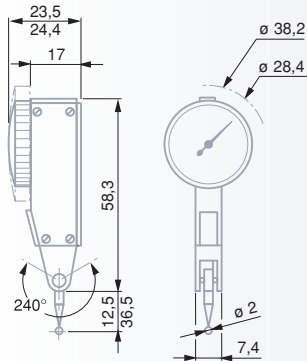
**Note**

The original insert mounted on each ROCTEST can be replaced by any other one with same or different ball tip diameter as long as the nominal length is respected.



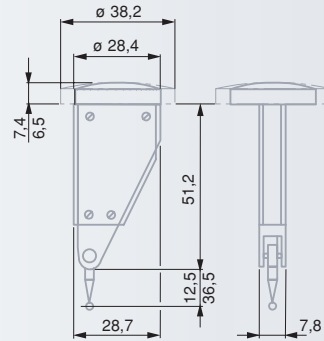
## Regular Models

Models with dial mounted parallel to the insert axis.



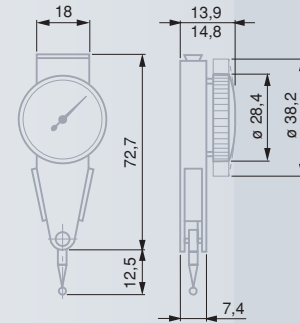
## Perpendicular Models

Models with dial mounted at right angle to the insert axis.



## Lateral Models

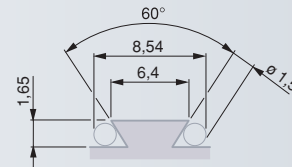
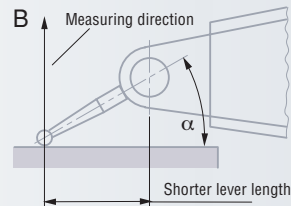
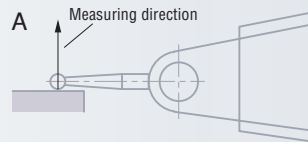
Models with dial mounted parallel to the insert axis, but on the lateral face of the housing.



### Note on the use of ROCTEST dial test indicators

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

In another measuring position (angle  $\alpha$  in Fig. B), the effective lever length changes so that the read value needs to be corrected. With respect to this, also refer to the instruction manual.



## ROCTEST Accessories

For a detailed description of the components shown in this catalogue as well as the complete accessory sets and order numbers, see on page F-6.

