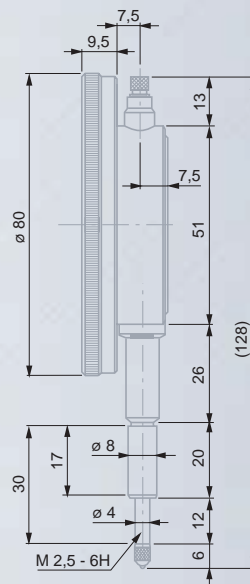


ROCH Precision Dial Gauges - 0,01 mm Model C 80



Factory standard



0,01 mm



2,2 mm



Rotating dial



Full-metal case housing

Fixing shank and plunger in hardened stainless steel



With or without shockproof system



Adjustable tolerance markers

M2,5 thread for the measuring insert



Deviation span: 15 µm

Deviation span within the local measuring span of 0,1 mm: 5 µm
Total deviation span: 19 µm



3 µm



3 µm



See in the table opposite



Mounted insert with a 3,175 mm diameter steel ball tip



Cardboard box



Identification number



Declaration of conformity



mm



mm



mm



mm



mm



N

Regular model

14.1761221	0,01	10	10,4	without	1	0 ÷ 50 ÷ 100*	≤ 1,4
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* With extra red tinted reverse numbering.

ROCH Precision Dial Gauges with Long Measuring Span - 0,01 mm Models C 58, C 60 and C 80



mm



mm



mm



mm



mm



N

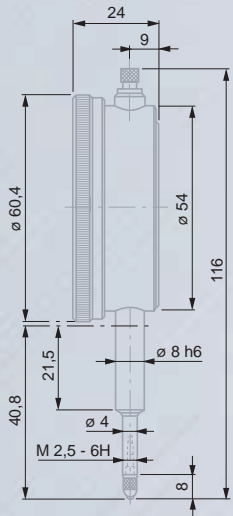
Regular models

14.1761213	60,4	0,01	15	15,5	with	1	0 ÷ 50 ÷ 100*	≤ 1,6
14.1761214**	60,4	0,01	15	15,5	with	1	0 ÷ 50 ÷ 100*	≤ 1,6
14.1760651	58	0,01	30	30,5	without	1	0 ÷ 50 ÷ 100	≤ 1,6
14.1760652***	58	0,01	30	30,5	without	1	0 ÷ 50 ÷ 100	≤ 1,6
14.1760653	58	0,01	30	30,5	with	1	0 ÷ 50 ÷ 100	≤ 1,6
14.1760661	58	0,01	50	51	without	1	0 ÷ 50 ÷ 100	≤ 2,2
14.1760662***	58	0,01	50	51	without	1	0 ÷ 50 ÷ 100	≤ 2,2
14.1760663	58	0,01	50	51	with	1	0 ÷ 50 ÷ 100	≤ 2,2
14.1760671	58	0,01	80	81	without	1	0 ÷ 50 ÷ 100	≤ 3,0
14.1761224	80	0,01	100	100,5	without	1	0 ÷ 50 ÷ 100	≤ 3,5

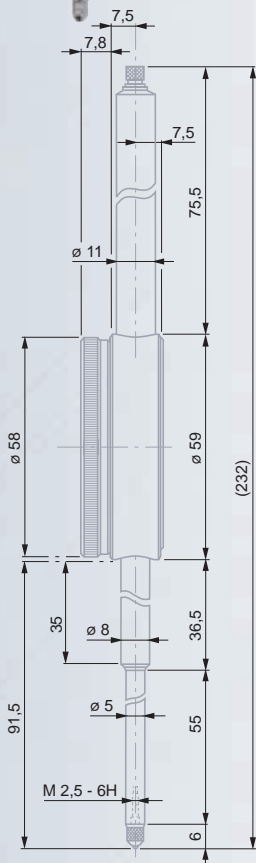
* With extra red tinted reverse numbering.

** With mounted central lug back No. 35.1669012 (also report to page E-27).

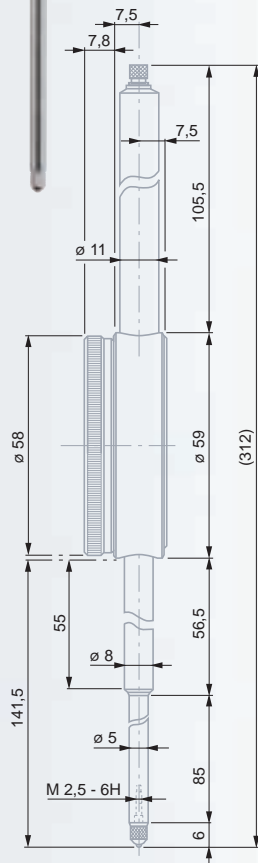
*** With counterclockwise numbering.



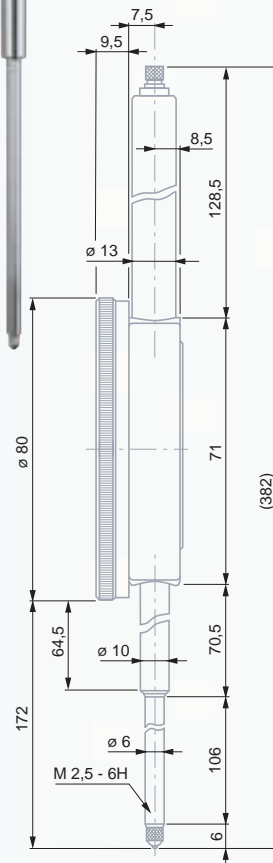
14.1761213
14.1761214



14.1760651 – 14.1760652
14.1760653



14.1760661 – 14.1760663
14.1760662 – 14.1760671



14.1761224



NF E 11-050
for models No.
14.1760651, 14.1760653,
14.1761213, 14.1761214.
Factory standard for all
other models

0,01 mm

1,5 mm for both
models C 58 and
C 60, 2,2 mm for C 80.

Rotating
dial

Full-metal
case housing

Fixing shank and plunger
in hardened stainless
steel

With or
without
shockproof system

Adjustable tole-
rance markers

M2,5 thread for the
measuring insert

In order
to eliminate
the hysteresis when
measuring with the
plunger moving down-
ward, the use of a
mechanical mean for
approaching the measur-
ing point is required.

See in the
table on the
previous page E-25

Mounted insert
with a 3,175 mm
diameter steel ball tip

Exceptions:
Models No. 14.1761213
and 14.1761214 fitted
with a ruby ball tip.

Cardboard box

Identification
number

Declaration
of conformity

Accuracy

Deviation span	0,01 mm	≤ 30 mm	50 mm	80 mm	100 mm
Deviation span within the local measuring span	0,1 mm	20 μm	25 μm	30 μm	35 μm
Repeatability limit	3 μm	5 μm	5 μm	5 μm	8 μm