

Precision Dial Gauges

0.001 in dial readout / 40 or 58 mm dial diameter



Factory standard

0.001 in

2,2 mm

Rotating dial with dial lock

Full-metal dial casing. Stainless steel fixing shank and plunger, hardened.

Adjustable tolerance marks. M2,5 mounting thread for the measuring insert.

Mounted insert with a 3 mm dia. steel ball tip

Cardboard box

Identification number

Inspection report with a declaration of conformity



mm

in

in

in

in

MERCER dial gauges

01426010	181-1	40	0.001	0.200	0.212	—	●	0.1	0 ÷ 50 ÷ 0
01426011	182-1	40	0.001	0.200	0.212	—	●	0.1	0 ÷ 50 ÷ 100
01426026	210-1	58	0.001	0.400	0.420	—	●	0.1	0 ÷ 50 ÷ 0
01426027	211-1	58	0.001	0.400	0.420	—	●	0.1	0 ÷ 50 ÷ 100
01426031	216-1	58	0.001	1	1.2	●	●	0.1	0 ÷ 50 ÷ 100

Permissible limits of a metrological characteristic (MPE/MPL)

	0.2 in	0.4 in	1 in
Deviation span	0.0005 in	0.0006 in	0.0008 in
Total deviation span	0.0006 in	0.0007 in	0.001 in
Repeatability limit	0.00015	0.0002	0.00015
Max. hysteresis	0.00015 in	0.0002 in	0.0002 in
Measuring force	≤ 1,4 N	≤ 1,4 N	≤ 2,2 N

