

Precision Dial Gauges

0.0005 in dial readout / 40 or 58 mm dial diameter



Factory standard

0.0005 in

3,1 mm

Rotating dial with or without 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



MERCER dial gauges

01426012	183-1	40	0.0005	0.200	0.212	●	●	0.05	0 ÷ 25 ÷ 0
01426013	184-1	40	0.0005	0.200	0.212	●	●	0.05	0 ÷ 25 ÷ 50
01426020	212-1	58	0.0005	0.400	0.420	—	●	0.05	0 ÷ 25 ÷ 0
01426021	213-1	58	0.0005	0.400	0.420	—	●	0.05	0 ÷ 25 ÷ 50
01426032	217-1	58	0.0005	1	1.2	●	●	0.05	0 ÷ 25 ÷ 50

COMPAC dial gauge

354A		40	0.0005	0.200	0.212	●	—	0.02	0 ÷ 10 ÷ 20
-------------	--	----	--------	-------	-------	---	---	------	-------------

COMPAC dial gauge IP54, protected against the penetration of liquids

354AE		40	0.0005	0.200	0.212	●	—	0.02	0 ÷ 10 ÷ 20
--------------	--	----	--------	-------	-------	---	---	------	-------------

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 in	0.0002 in	0.0015 in
Max. hysteresis	0.00015 in	0.0002 in	0.0002 in
Measuring force – Model IP54	≤ 1,4 N ≤ 1,7 N	≤ 1,4 N —	≤ 2,2 N —

