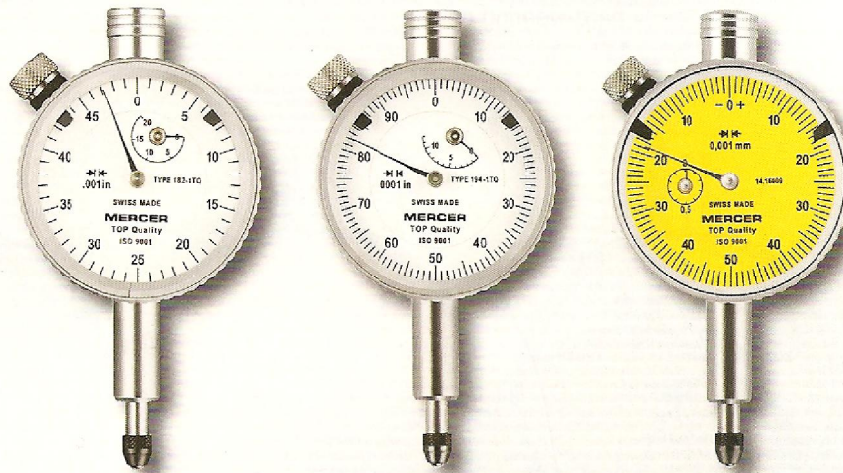
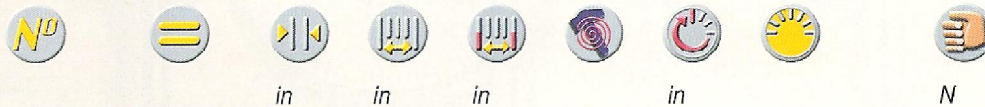


MERCER Precision Dial Gauges

Ø 40 mm – TOP Quality Series 180



Inch Versions - 0.001 in, 0.0005 in or 0.0001 in Reading



Regular models

		in	in	in	in	in	in	N
01426001	181-1TQ	0.001	0.200	0.212	with	0.05	0 ÷ 25 ÷ 0	≤ 1,4
01426002	182-1TQ	0.001	0.200	0.212	with	0.05	0 ÷ 25 ÷ 50	≤ 1,4
01426003	183-1TQ	0.0005	0.200	0.212	with	0.02	0 ÷ 10 ÷ 0	≤ 1,4
01426004	184-1TQ	0.0005	0.200	0.212	with	0.02	0 ÷ 10 ÷ 20	≤ 1,4
01426005	193-1TQ	0.0001	0.120	0.130	with	0.01	0 ÷ 50 ÷ 0	≤ 1,7
01426006	194-1TQ	0.0001	0.120	0.130	with	0.01	0 ÷ 50 ÷ 100	≤ 1,7

Metric Versions - 0,01 mm, 0,002 mm or 0,001 mm Reading



Regular models

		mm	mm	mm	mm	mm	mm	N
01416005	185-1TQ	0,01	5	5,4	with	0,5	0 ÷ 25 ÷ 0	≤ 1,4
01416006	186-1TQ	0,01	5	5,4	with	0,5	0 ÷ 25 ÷ 50	≤ 1,4
01416007	195-1TQ	0,002	3	3,3	with	0,2	0 ÷ 10 ÷ 0	≤ 1,4
01416008	196-1TQ	0,002	3	3,3	with	0,2	0 ÷ 10 ÷ 20	≤ 1,4
01416009		0,001	1	1,5	with	0,1	0 ÷ 50 ÷ 0	≤ 1,7
01416010		0,001	1	1,5	with	0,1	0 ÷ 50 ÷ 100	≤ 1,7

Accuracy

	0.0005 in 0,01 mm	≥0.0005 in 0,01 mm	0.0005 in 0,01 mm	0.0005 in 0,01 mm	0.0001 in 0,002 mm	0.0001 in 0,002 mm	0.0001 in 0,002 mm	0.001 mm	0,001 mm
Deviation span, F_s	0.040 in 1 mm	0.200 in 5 mm	0.400 in 10 mm	1÷2 in 30÷50 mm	0,16 mm	0.120 in 3 mm	0.200 in 5 mm	0,08 mm	1 mm
Total deviation span, F_{ges}	7 µm	12 µm	15 µm	20 µm	2 µm	10 µm	12 µm	1,5 µm	4,5 µm
Repeatability limit, F_w	3 µm	3 µm	3 µm	3 µm	1 µm	1,5 µm	1,5 µm	0,5 µm	0,5 µm
Max. hysteresis, F_h	3 µm	3 µm	3 µm	3 µm	1 µm	1,5 µm	1,5 µm	0,5 µm	0,5 µm