

## DIAL GAUGES



### Models with metric reading to 0,1 mm, measuring span up to 30 mm

mm	mm	mm	mm	Classes														
40	10	10	0÷5÷10	★	0141760500	ROCH												E-49
		10	0÷5÷10	★	0141760501	ROCH												E-49
58	20	10	0÷5÷10	★	0141760502	ROCH												E-49
	30	10	0÷5÷10	★	0141760503	ROCH												E-49
	10	5	0÷2,5÷5		531	COMPAC												E-23
58	10	5	0÷2,5÷5		531B	COMPAC												E-23
	30	5	0÷2,5÷5		01416038	MERCER												E-23
80	10	10	0÷5÷10	★	0141760513	ROCH												E-49

### Models with metric reading to 0,01 mm, measuring span up to 10 mm

mm	mm	mm	mm	Classes														
29	1	1	0÷50÷0		01416050	MERCER												E-36
					0141760560	ROCH												E-43
40	3	0,5	0÷25÷50		0141760561	ROCH												E-43
					0141760570	ROCH												E-43
					01412010	TESA												E-21
					01412410	TESA												E-21
					01416014	MERCER												E-21
40	5	0,5	0÷25÷50		0141760582	ROCH	01419047	ETALON										E-43/42
					353	COMPAC												E-21
					353E	COMPAC												E-21
					01410212	TESA												E-15
					01410210	TESA												E-15
					01410320	TESA												E-15
40	5	0,5	0÷25÷0		01416013	MERCER												E-21
					01410211	TESA												E-15
					01410321	TESA												E-15
					0141760635	ROCH	01419048	ETALON										E-44/42
					0141760636	ROCH												E-44
					0141760631	ROCH												E-44
					0141760632	ROCH												E-44
					0141760640	ROCH												E-44
					0141760624	ROCH												E-44
58	10	1	0÷50÷100		512K	COMPAC	01412310	TESA										E-24
					01416021	MERCER												E-24
					01412411	TESA												E-24
					532	COMPAC	01412011	TESA										E-24
					532E	COMPAC												E-24
					01410612	TESA												E-17
					01410610	TESA												E-17
					01410720	TESA												E-17
					01416020	MERCER												E-24
58	10	1	0÷50÷0		01410611	TESA												E-17
					01410721	TESA												E-17
60,4	10	1	0÷50÷100		0141761210	ROCH												E-44
					0141761211	ROCH												E-44
					0141761221	ROCH												E-45
82	10	1	0÷50÷100		01412311	TESA												E-28
					01410910	TESA												E-19
82	10	1	0÷50÷0		01410911	TESA												E-19



### Models with metric reading to 0,002 mm, measuring span up to 5 mm

mm	mm	mm	mm							Classes			
29	0,2	0,2	0÷10÷0							★★	01416051	MERCER	E-36
40	3	0,2	0÷10÷20							★★	355	COMPAC	E-22
40	3	0,2	0÷10÷0							★★	355E	COMPAC	E-22
40	3	0,2	0÷10÷0							★★★	01416007	MERCER	E-16
58	5	0,2	0÷10÷20							★★	01416035	MERCER	E-25
58	5	0,2	0÷10÷20							★★	555	COMPAC	E-25
58	5	0,2	0÷10÷20							★★	555E	COMPAC	E-25
58	5	0,2	0÷10÷0							★★	01416034	MERCER	E-25

### Models with metric reading to 0,001 mm, measuring span up to 5 mm

mm	mm	mm	mm							Classes			
40	1	0,2	0÷100/0÷100							★	0141761261	ROCH	E-47
										★	0141761262	ROCH	E-47
40	1	0,1	0÷50÷100							★★	367	COMPAC	01412510 TESA E-22
										★★	367E	COMPAC	01412710 TESA E-22
										★★★	01410010	TESA	E-16
										★★★	01410120	TESA	E-16
40	1	0,1	0÷50÷0							★★★	01410011	TESA	E-16
										★★★	01410121	TESA	E-16
58	1	0,2	0÷100/0÷100							★	0141761282	ROCH	E-48
										★	0141761283	ROCH	E-48
										★	0141761281	ROCH	E-48
										★	0141761284	ROCH	E-48
58	1	0,1	0÷50÷100							★★	567	COMPAC	01412511 TESA E-26
										★★	567E	COMPAC	01412711 TESA E-26
										★★★	01410410	TESA	E-18
										★★★	01410520	TESA	E-18
58	1	0,1	0÷50÷0							★★★	01410411	TESA	E-18
										★★★	01410521	TESA	E-18
58	5	0,2	0÷100÷200							★★	556	COMPAC	01412611 TESA E-26
			0÷10÷20							★★	556E	COMPAC	E-26
80	1	0,2	0÷100/0÷100							★	0141761291	ROCH	E-48
82	5	0,2	0÷10÷20							★★	556G	COMPAC	E-29
82	1	0,1	0÷50÷100							★★★	01410810	TESA	E-20
			0÷50÷0							★★★	01410811	TESA	E-20

**Long range models with metric reading to 0,01 mm, measuring span up to 200 mm**

mm	mm	mm	mm							Classes			
60,4	15	1	0÷50÷100	•						★	0141761213	ROCH	E-45
										★	0141761214	ROCH	E-45
					•					★	0141760651	ROCH	E-45
58	30	1	0÷50÷100		•	•inv				★	0141760652	ROCH	E-45
					•	•	•			★	0141760653	ROCH	01419049 ETALON E-45/42
							•			★★	712	COMPAC	01412012 TESA E-27
							•	•		★★	01416039	MERCER	E-27
58	50	1	0÷50÷100		•	•inv				★	0141760661	ROCH	E-45
					•	•	•			★	0141760662	ROCH	E-45
					•	•	•			★	0141760663	ROCH	01419050 ETALON E-45/42
							•			★★	722	COMPAC	01412013 TESA E-27
58	80	1	0÷50÷100	•	•					★	0141760671	ROCH	E-45
58	100	1	0÷50÷100				•			★★	732	COMPAC	E-27
80	100	1	0÷50÷100			•				★	0141761224	ROCH	E-45
82	30	1	0÷50÷100				•			★★	712G	COMPAC	E-28
							•	•		★★★	01416040	MERCER	E-19
82	50	1	0÷50÷100				•			★★	722G	COMPAC	E-28
							•	•		★★★	01416041	MERCER	E-19
82	100	1	0÷50÷100				•			★★	732G	COMPAC	01412014 TESA E-28
							•	•		★★	732GB	COMPAC	E-28
82	200	1	0÷50÷100				•			★★	752G	COMPAC	E-28

**Perpendicular models with metric reading to 0,01 mm**

mm	mm	mm	mm							Classes			
38	1	1	0÷50÷0							★★	01416060	MERCER	E-37
			0÷50÷100							★★	01416061	MERCER	E-37
40	±0,4	1	4÷0÷4				•			★★	CP352S	COMPAC	E-38
40	3	0,5	0÷25÷50			•				★	0141760566	ROCH	E-50
							•			★★	CP353	COMPAC	E-38
40	3	1	0÷50÷100				•			★★	CP352	COMPAC	E-38
	5	1	0÷50÷100			•				★	0141760611	ROCH	E-50

**Perpendicular models with metric reading to 0,002 mm**

mm	mm	mm	mm							Classes			
40	±0,08	0,2	8÷0÷8				•			★★	CP355S	COMPAC	E-38
	3	0,2	0÷10÷20				•			★★	CP355	COMPAC	E-38

### Models with restricted range of indication, reading to 0,01 mm in both directions

mm	mm	mm	mm	μm	μm	μm					Classes			
40	±0,2	4,5	20÷0÷20	9	3	3	•				★★	0141760551	ROCH	E-43
40	±0,2	3,3	20÷0÷20	9	3	3	•				★★	353S	COMPAC	01412210 TESA E-21
				9	3	3	•	•			★★	01416031	MERCER	E-21
58	±0,4	9	40÷0÷40	9	3	3	•				★★	0141760601	ROCH	E-44
58	±0,4	4	40÷0÷40	9	3	3	•				★★	532S	COMPAC	01412211 TESA E-24
				9	3	3	•	•			★★	01416032	MERCER	E-24
58	±0,5	4	50÷0÷50	9	3	3	•				★★	533S	COMPAC	E-24
				9	3	3	•	•			★★★	01416029	MERCER	E-17
62	±0,25	2,5	25÷0÷25	12	5	5	•	•			★★	0141761371	ROCH	E-41

### Models with restricted range of indication, reading to 0,002 mm in both directions

mm	mm	mm	mm	μm	μm	μm					Classes			
40	±0,08	1,5	8÷0÷8	4	1	1	•				★★	365S	COMPAC	E-22
58	±0,08	3,3	8÷0÷8	4	1	1	•				★★	565S	COMPAC	E-25
				4	1	1	•	•			★★★	01416030	MERCER	E-18

### Models with restricted range of indication, reading to 0,001 mm in both directions

mm	mm	mm	mm	μm	μm	μm					Classes			
40	±0,04	1,5	4÷0÷4	4	1	1	•				★★	367S	COMPAC	E-22
58	±0,04	3,3	4÷0÷4	4	1	1	•				★★	567S	COMPAC	E-26
				4	1	1	•	•			★★★	01416028	MERCER	E-18
62	±0,05	3	50÷0÷50	1,2	0,5	0,5	•	•			★★	01419051	ETALON	014161373 ROCH E-41
				1,2	0,5	0,5	•	•	•		★★	01419052	ETALON	E-41

### TESA CARY Micro-comparators MCA-8 with low measuring force

mm	mm	mm	mm	mm	mN	μm	μm	μm			Classes			
62	0,0005	± 0,025	3	25÷0÷25	500	0,8	0,4	0,3	•		★★★	01410420	MCA8-1-500	E-40
					150	0,8	0,4	0,3	•		★★★	01410421	MCA8-1-150	E-40
					300	0,8	0,4	0,3	•		★★★	01410422	MCA8-1-300	E-40
62	0,001	± 0,05	3	50÷0÷50	500	0,8	0,3	0,3	•		★★★	01410423	MCA8-2-500	E-40
					150	0,8	0,3	0,3	•		★★★	01410425	MCA8-2-150	E-40
					300	0,8	0,3	0,3	•		★★★	01410426	MCA8-2-300	E-40
62	0,002	± 0,1	3	100÷0÷100	500	1	0,3	0,3	•		★★★	01410427	MCA8-3-500	E-40
					150	1	0,3	0,3	•		★★★	01410428	MCA8-3-150	E-40
					300	1	0,3	0,3	•		★★★	01410429	MCA8-3-300	E-40

#### Lateral model

mm	mm	mm	mm	mm	mN	μm	μm	μm			Classes			
62	0,001	± 0,05	3	50÷0÷50	500	0,8	0,3	0,3	•		★★★	01410420	MCA8-1-500	E-40

**Models with inch reading to 0,001 in,  
measuring span up to 1 in**

mm	in	in	in						Classes						
29	0.04	0.04	0÷20÷0						★★	01426050	MERCER				E-36
40	0.200	0.1	0÷50÷0						★★	01426010	MERCER				E-33
			0÷50÷100						★★	01426011	MERCER				E-33
40	0.200	0.05	0÷25÷0						★★★	01426001	MERCER				E-30
			0÷25÷50						★★★	01426002	MERCER				E-30
58	0.400	0.1	0÷50÷0						★★	01426026	MERCER				E-34
			0÷50÷100						★★	01426027	MERCER				E-34
58	1	0.1	0÷50÷100						★★	01426031	MERCER				E-35

**Models with inch reading to 0,0005 in,  
measuring span up to 2 in**

mm	in	in	in						Classes						
40	0.200	0.05	0÷25÷0						★★	01426012	MERCER				E-33
			0÷25÷50						★★	01426013	MERCER				E-33
40	0.200	0.02	0÷10÷0						★★★	01426003	MERCER				E-30
40	0.200	0.02	0÷10÷20						★★	354A	COMPAC				E-33
									★★	354AE	COMPAC				E-33
									★★★	01426004	MERCER				E-30
58	±0.02		20÷0÷20						★★★	01426025	MERCER				E-31
			0÷25÷0						★★	01426020	MERCER				E-34
58	0.400	0.05	0÷25÷0						★★★	01426024	MERCER				E-31
			0÷25÷50						★★	01426021	MERCER				E-34
58	1	0.05	0÷25÷50						★★	01426032	MERCER				E-35
82	1								★★★	01426040	MERCER				E-32
	2	0.05	0÷25÷50						★★★	01426041	MERCER				E-32

**Models with inch reading to 0,0001 in,  
measuring span up to 2 in**

mm	in	in	in						Classes						
29	0.01	0.01	0÷20÷0						★★	01426051	MERCER				E-36
40	0.120	0.01	0÷50÷0						★★★	01426005	MERCER				E-30
			0÷50÷100						★★★	01426006	MERCER				E-30
			0÷50÷100						★★	355AE	COMPAC				E-33
58	0.200	0.01	0÷50÷0						★★	01426028	MERCER				E-34
			0÷50÷100						★★★	01426022	MERCER				E-31
58	0.200	0.01	0÷50÷100						★★	01426029	MERCER				E-34
									★★	555AE	COMPAC				E-34
									★★★	01426023	MERCER				E-31

**Models with inch reading to 0,001 in**

mm	in	in	in						Classes						
38	0,05	0,05	0÷25÷0						★★	01426060	MERCER				E-37
			0÷25÷50						★★	01426061	MERCER				E-37