

Tube wall measurement

Application range up to 100 mm



POC02R



C1R10



D2R20



C3R30



D4R50

Type	Measuring span Mes [mm]	Measuring range Meb [mm]	Range of indication Azb [mm]	Numerical interval Zw Scale interval Skw [mm]	Permissible errors G [mm]	Repeatability limit r [mm]	Measuring force F _{min} [N]	Measuring force F _{max} [N]	Weight [g]	Protection class	Type of measuring contact movable [mm]	Measuring contact movable Hb [mm]	Type of measuring contact	Measuring contact fixed Hf [mm]	bore diameter d min	Measuring depth L max [mm]	Picture	Electronic E Mechanical M	Wooden box
POCO 2R	10	0-10	0-10	0.1	0.1	0.05	0.3	1.3	40	-	Ball Ø 2.0	5.0	Hemisphere SR = 0.5	0.8	3	25	[21]	M	1732-31
C0R15	15	0-15	0-15.5	0.001	0.01	0.005	1.3	1.5	165	IP67	Ball Ø 1.5	17	Ball Ø 1.5	0.9	4	46	[8]	E	1732-38
C0R15S	15	0-15	0-15.5	0.001	0.01	0.005	1.3	1.5	170	IP67	Chisel R 0.4	12	Ball Ø 1.5	0.9	4	46	[9]	E	1732-38
C1R10	10	0-10	0-10.5	0.005	0.015	0.005	0.8	1.2	235	IP67	Ball Ø 1.5	19.1	Ball Ø 1.5	0.9	3	35	[8]	E	1732-45
D1R10	10	0-10	0-10.5	0.005	0.015	0.005	0.8	1.2	165	IP65	Ball Ø 1.5	19.1	Ball Ø 1.5	0.9	3	35	[8]	M	1732-45
C1R10S	10	0-10	0-10.5	0.005	0.015	0.005	0.8	1.2	235	IP67	Chisel R = 0.4	18.8	Ball Ø 1.5	0.9	3	35	[9]	E	1732-45
D1R10S	10	0-10	0-10.5	0.005	0.015	0.005	0.8	1.2	165	IP65	Chisel R = 0.4	18.8	Ball Ø 1.5	0.9	3	35	[9]	M	1732-45
C2R20	20	0-20	0-20.5	0.01	0.03	0.01	1.1	1.6	270	IP67	Ball Ø 1.5	24.7	Ball Ø 1.5	2.5	9	80	[10]	E	1732-45
D2R20	20	0-20	0-20.5	0.01	0.03	0.01	1.1	1.6	200	IP65	Ball Ø 1.5	24.7	Ball Ø 1.5	2.5	9	80	[10]	M	1732-45
C2R20S	20	0-20	0-20.5	0.01	0.03	0.01	1.1	1.6	270	IP67	Chisel R = 0.4	24.7	Ball Ø 1.5	2.5	9	80	[11]	E	1732-45
D2R20S	20	0-20	0-20.5	0.01	0.03	0.01	1.1	1.6	200	IP65	Chisel R = 0.4	24.7	Ball Ø 1.5	2.5	9	80	[11]	M	1732-45
C3R30	30	0-30	0-30.5	0.02	0.04	0.02	0.9	1.6	410	IP67	Ball Ø 3	30	Ball Ø 3	4	10	116	[10]	E	1732-51
C3R30S	30	0-30	0-30.5	0.02	0.04	0.02	0.9	1.6	410	IP65	Chisel R = 0.75	30	Ball Ø 3	4	10	116	[11]	E	1732-51
C4R50	50	0-50	0-50.5	0.02	0.06	0.04	0.8	1.7	460	IP67	Ball Ø 3	30	Ball Ø 3	4.3	13	169	[10]	E	1732-51
D4R50	50	0-50	0-50.5	0.05	0.05	0.025	0.8	1.7	400	IP65	Ball Ø 3	30	Ball Ø 3	4.3	13	169	[10]	M	1732-51
C4R50S	50	0-50	0-50.5	0.02	0.06	0.04	0.8	1.7	460	IP67	Chisel R = 0.75	30	Ball Ø 3	4.3	13	169	[11]	E	1732-51
D4R50S	50	0-50	0-50.5	0.05	0.05	0.025	0.8	1.7	400	IP65	Chisel R = 0.75	30	Ball Ø 3	4.3	13	169	[11]	M	1732-51
C8R100	100	0-100	0-101	0.05	0.15	0.1	0.8	1.8	660	IP67	Ball Ø 5	35	Ball Ø 5	15	36	382	[15]	E	HK
D8R100	100	0-100	0-101	0.1	0.15	0.1	0.8	1.8	600	IP65	Ball Ø 5	35	Ball Ø 5	15	36	382	[15]	M	HK

Measuring contacts

Measuring capacity



Ball Ø 1.5 mm

Chisel R 0.4 mm
Ball Ø 1.5 mm

Ball Ø 1.5 mm
Ball Ø 2.0 mm
Ball Ø 3.0 mm

Chisel R 0.4 mm
Chisel R 0.75 mm
Ball Ø 1.5 mm
Ball Ø 2.0 mm
Ball Ø 3.0 mm

Ball Ø 5.0 mm

Ball Ø 2.0 mm
Hemisphere SR 0.5 mm

Meb Measuring range

Hb Measuring contact movable

Hf Measuring contact fixed

L Measuring depth

d Diameter

