

Tube wall measurement

Application range up to 100 mm



COR155



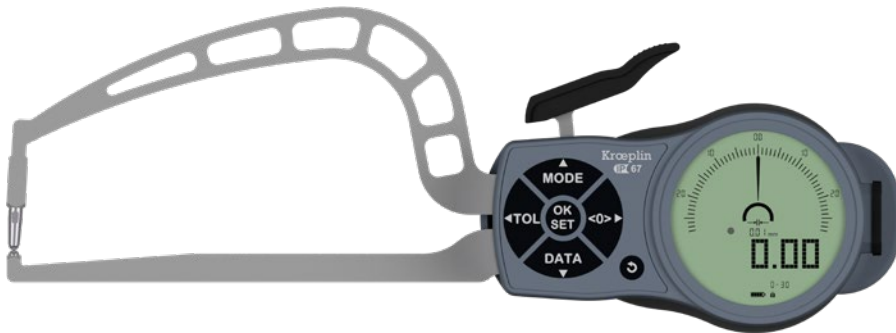
D1R10



K1R10



D2R20



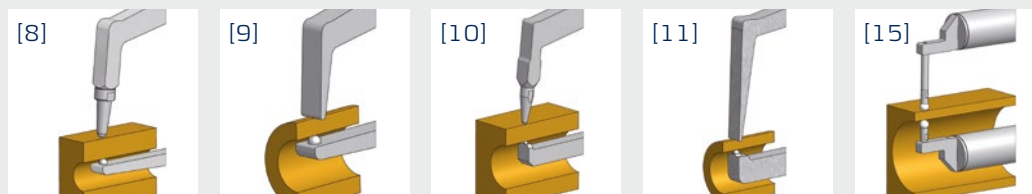
K3R30



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 fixed [mm]	Measuring contact fixed Hf [mm]	bore diameter d min.	Measuring depth L max. [mm]	Picture	Electronic E Mechanical M	Wooden box
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 Ø 0.4	12	Ball Ø 1.5	0.9	4	46	[9]	E	1732-38
K1R10	10	0-10	0-10,5	0,005	0,015	0,005	0,8	1,2	255	IP67	Ball Ø 1.5	19.1	Ball Ø 1.5	0.9	3	35	[8]	E	1732-65
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
K1R10S	10	0-10	0-10,5	0,005	0,015	0,005	0,8	1,2	255	IP67	Chisel R = 0.4	18.8	Ball Ø 1.5	0.9	3	35	[9]	E	1732-65
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
K2R20	20	0-20	0-20,5	0,01	0,03	0,01	1,1	1,6	290	IP67	Ball Ø 1.5	24.7	Ball Ø 1.5	2.5	9	80	[10]	E	1732-65
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
K2R20S	20	0-20	0-20,5	0,01	0,03	0,01	1,1	1,6	290	IP67	Chisel R = 0.4	24.7	Ball Ø 1.5	2.5	9	80	[11]	E	1732-65
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
K3R30	30	0-30	0-30,5	0,01	0,04	0,02	0,9	1,6	410	IP67	Ball Ø 3	30	Ball Ø 3	4	10	116	[10]	E	1732-71
K3R30S	30	0-30	0-30,5	0,01	0,04	0,02	0,9	1,6	410	IP67	Chisel R = 0.75	30	Ball Ø 3	4	10	116	[11]	E	1732-71
K4R50	50	0-50	0-50,5	0,01	0,05	0,03	0,8	1,7	460	IP67	Ball Ø 3	30	Ball Ø 3	4.3	13	169	[10]	E	1732-71
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
K4R50S	50	0-50	0-50,5	0,01	0,05	0,03	0,8	1,7	460	IP67	Chisel R = 0.75	30	Ball Ø 3	4.3	13	169	[11]	E	1732-71
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
K8R100	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



Ball Ø 1.5 mm

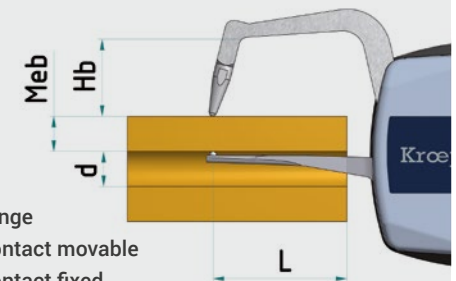
Chisel R 0.4 mm
Ball Ø 1.5 mm

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

Measuring capacity



Meb Measuring range

Hb Measuring contact movable

Hf Measuring contact fixed

L Measuring depth

d Diameter