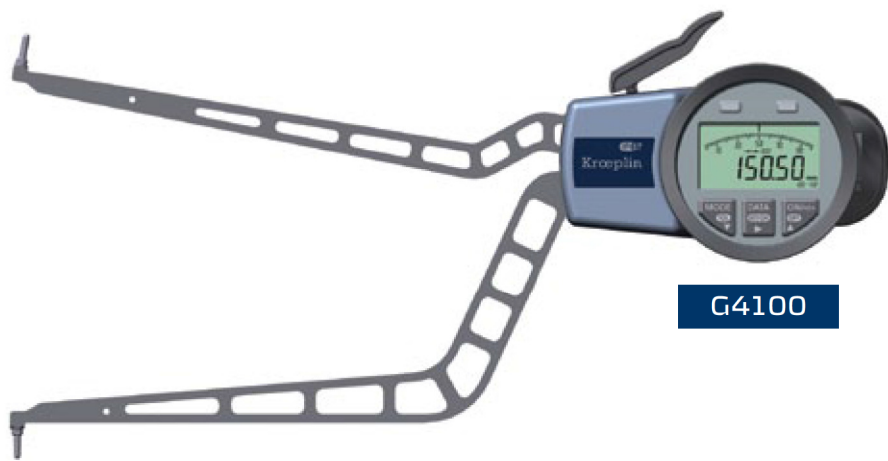
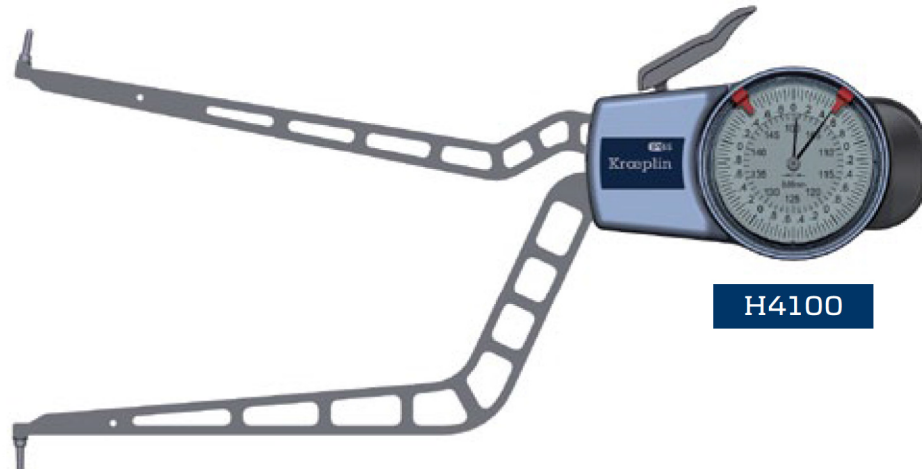


Internal Measurement

Application range up to 120 mm



G4100



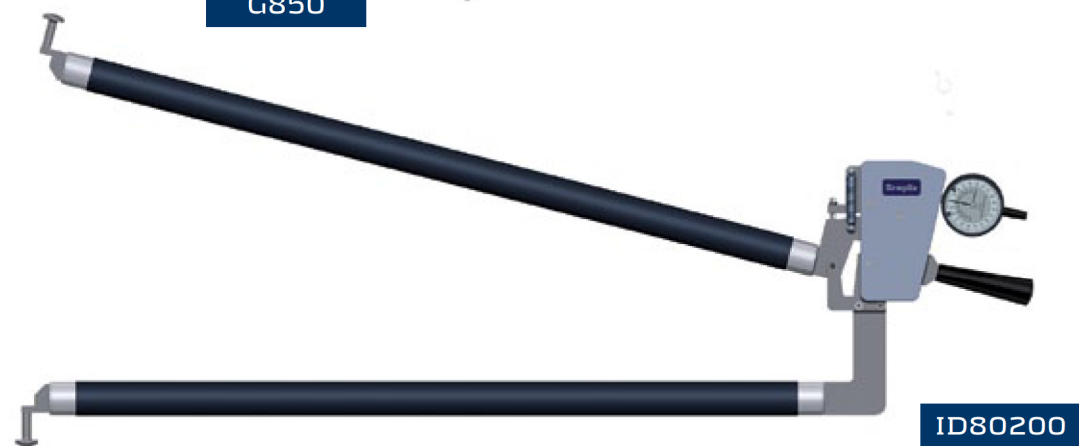
H4100



G850



H870



ID80200

Type	Measuring span Mes [mm]	Measuring range Meb [mm]	Range of indication AzB [mm]	Scale interval Skw [mm]	Permissible errors G [mm]	Repeatability limit r [mm]	Measuring force min. [N]	Measuring force max. [N]	Weight [g]	Protection class	Measuring contact movable Hb [mm]	Measuring contact fixed Hf [mm]	Type of measuring contact	Groove depth A max. [mm]	Groove width B min. [mm]	Measuring depth L max. [mm]	Picture	Electronic E Mechanical M	Wooden box
G4100	50	100 - 150	99,5 - 150,5	0,02	0,06	0,04	1,0	1,8	425	IP67	8,5	8,5	Ball Ø2	8,3	2,4	192	[5]	E	1732-51
H4100	50	100 - 150	99,5 - 150,5	0,05	0,05	0,025	0,9	1,9	385	IP65	8,5	8,5	Ball Ø2	8,3	2,4	192	[5]	M	1732-51
G4130	50	130 - 180	129,5 - 180,5	0,02	0,06	0,04	1,0	1,8	430	IP67	8,5	8,5	Ball Ø2	8,3	2,4	192	[5]	E	HK
H4130	50	130 - 180	129,5 - 180,5	0,05	0,05	0,025	0,9	1,9	390	IP65	8,5	8,5	Ball Ø2	8,3	2,4	192	[5]	M	HK
G4150	50	150 - 200	149,5 - 200,5	0,02	0,06	0,04	1,0	1,8	435	IP67	8,5	8,5	Ball Ø2	8,3	2,4	192	[5]	E	HK
H4150	50	150 - 200	149,5 - 200,5	0,05	0,05	0,025	0,9	1,9	395	IP65	8,5	8,5	Ball Ø2	8,3	2,4	192	[5]	M	HK
G850	100	50 - 150	49,5 - 150,5	0,05	0,15	0,1	0,8	2,0	650	IP67	4,0	4,0	Ball Ø5	3,0	5,5	395	[18]	E	HK
H850	100	50 - 150	49,5 - 150,5	0,1	0,15	0,1	0,8	2,0	590	IP65	4,0	4,0	Ball Ø5	3,0	5,5	395	[18]	M	HK
G870	100	70 - 170	69,5 - 170,5	0,05	0,15	0,1	0,8	2,0	650	IP67	14,0	14,0	Ball Ø5	13,0	5,5	395	[19]	E	HK
H870	100	70 - 170	69,5 - 170,5	0,1	0,15	0,1	0,8	2,0	590	IP65	14,0	14,0	Ball Ø5	13,0	5,5	395	[19]	M	HK
ID6080	100	80 - 180	79,5 - 180,5	0,1	0,25	0,1	1,5	2,5	1600	-	12,0	12,0	Ball Ø5	11,0	5,5	535	[19]	M	HK
ID60150	100	150 - 250	149,5 - 250,5	0,1	0,3	0,1	1,5	2,5	1600	-	32,0	32,0	Ball Ø5	31,0	5,5	535	[19]	M	HK
ID60220	100	220 - 320	219,5 - 320,5	0,1	0,3	0,1	1,5	2,5	1700	-	32,0	32,0	Ball Ø5	31,0	5,5	535	[19]	M	HK
ID80200	200	200 - 400	199,5 - 400,5	0,2	0,4	0,2	1,0	2,0	2200	-	29,0	29,0	Hemisphere SR 20	28,0	21,0	735	[20]	M	HK

Measuring contacts



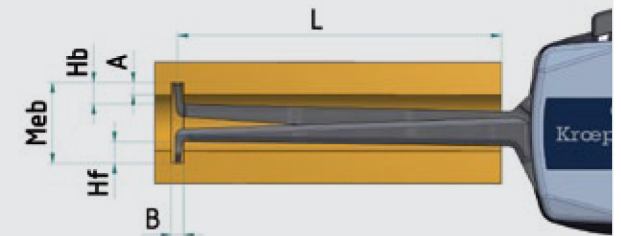
Ball Ø 2,0 mm

Ball Ø 5,0 mm

Ball Ø 5,0 mm

Hemisphere
SR 20 mm

Measuring capacity



Meb Measuring range

A Groove depth

B Groove width

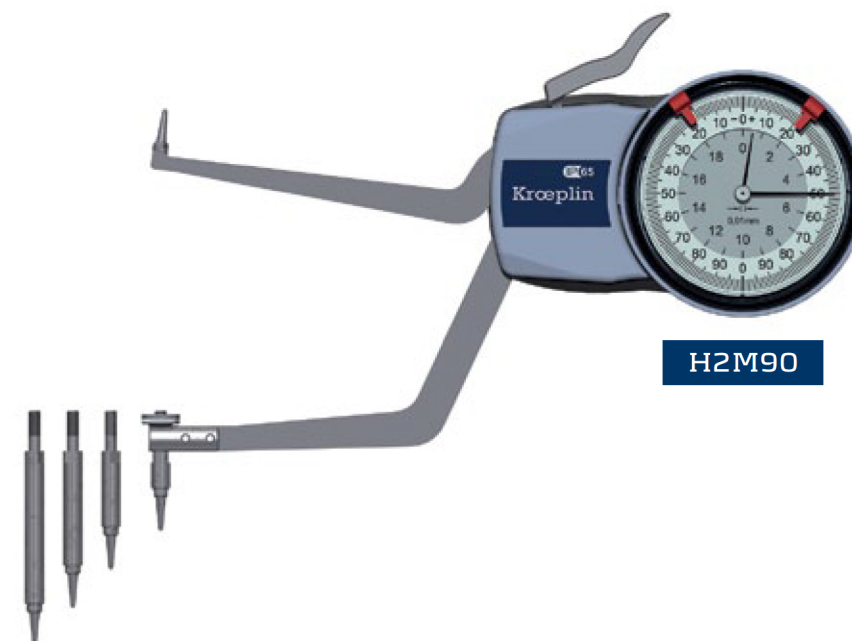
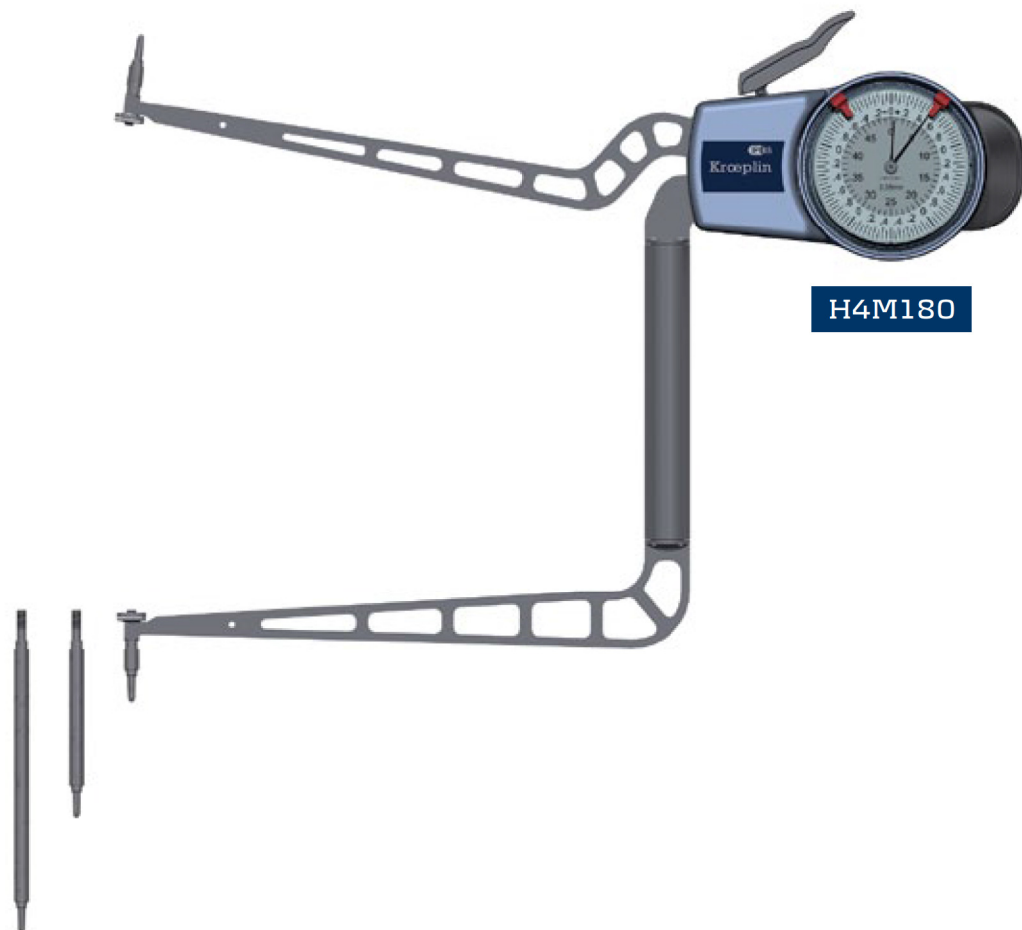
Hb Measuring contact movable

Hf Measuring contact fixed

L Measuring depth

Internal Comparison Measurement

Application range from 50 mm to 430 mm



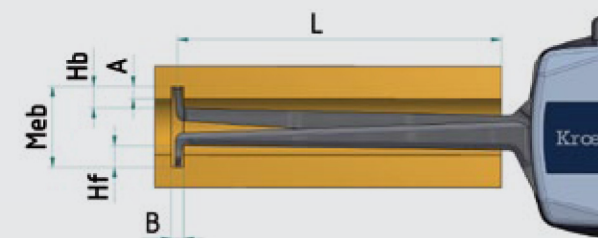
Type	Measuring span Mes [mm]	Measuring range Meb [mm]	Range of indication AzB [mm]	Scale interval Skw [mm]	Permissible errors G [mm]	Repeatability limit r [mm]	Measuring force min. [N]	Measuring force max. [N]	Weight [g]	Protection class	Measuring contact movable Hb [mm]	Measuring contact fixed Hf [mm]	Type of measuring contact [mm]	Groove depth A max. [mm]	Groove width B min. [mm]	Measuring depth L max. [mm]	Picture	Electronic E Mechanical M	Wooden box
H2M50	20	50 - 100	49,5 - 100,5	0,01	0,03	0,015	1,1	1,6	220	IP65	12,0	variable	Ball Ø1	8,3	1,2	85	[5]	M	HK
H2M90	20	90 - 140	89,5 - 140,5	0,01	0,03	0,015	1,1	1,6	230	IP65	12,0	variable	Ball Ø1	8,3	1,2	85	[5]	M	HK
H2M130	20	130 - 180	129,5 - 180,5	0,01	0,03	0,015	1,1	1,6	240	IP65	12,0	variable	Ball Ø1	8,3	1,2	85	[5]	M	HK
H4M180	50	180 - 310	179,5 - 310,5	0,05	0,10	0,05	0,9	1,9	420	IP65	21,0	variable	Ball Ø2	8,3	2,2	170	[5]	M	HK
H4M300	50	300 - 430	299,5 - 430,5	0,05	0,15	0,05	0,9	1,9	450	IP65	21,0	variable	Ball Ø2	8,3	2,2	170	[5]	M	HK

Measuring contacts



Ball Ø 1,0 mm
Ball Ø 2,0 mm

Measuring capacity



Meb Measuring range
A Groove depth
B Groove width
Hb Measuring contact movable
Hf Measuring contact fixed
L Measuring depth