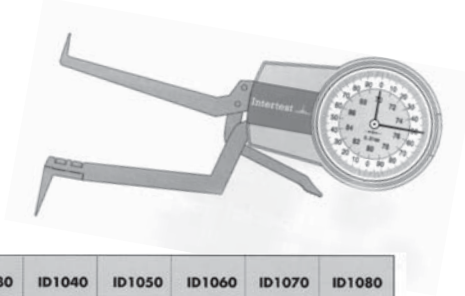
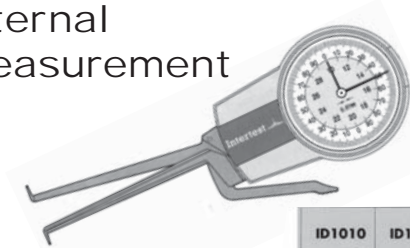










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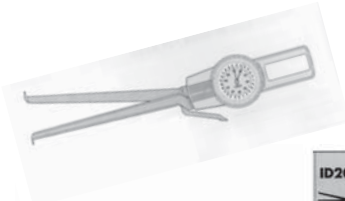





## KROEPLIN GAUGES



Mechanical  
internal  
measurement

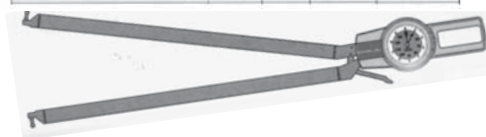


										
Range of application	Awb [mm]		10-30	20-40	30-50	40-60	50-70	60-80	70-90	80-100
Measuring range	Meb [mm]		20	20	20	20	20	20	20	20
Scale interval	Skw [mm]		0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01
Deviation in the measuring range	f M [mm]		±0,03	±0,03	±0,03	±0,03	±0,03	±0,03	±0,03	±0,03
Repeatability	f w [mm]		0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01
Measuring depth	L [mm]		80	80	80	80	80	80	80	80
Groove depth	A [mm]		4,5	6	6	6	6	6	6	6
Groove width	B [mm]		1,8	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Type of measuring contact	D [mm]		K ø1 ⓐ	K ø1 ⓐ	K ø1 ⓑ	K ø1 ⓑ	K ø1 ⓑ	K ø1 ⓑ	K ø1 ⓑ	K ø1 ⓑ
Measuring contact length(movable)	Hb [mm]		5	7	7	10	10	10	10	10
Measuring contact length(fixed)	Hf [mm]		5	7	7	10	20	10	20	10
Measuring contact thickness	S [mm]		1,3	1,9	1,9	2,5	2,5/4	2,5	2,5/4	2,5
Minimum measuring force	Fmin. N		0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Maximum measuring force	Fmax. N		1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5



					
Range of application	Awb [mm]		15-65	40-90	100-150
Measuring range	Meb [mm]		50	50	50
Scale interval	Skw [mm]		0,05	0,05	0,05
Deviation in the measuring range	f M [mm]		±0,05	±0,05	±0,05
Repeatability	f w [mm]		0,025	0,025	0,025
Measuring depth	L [mm]		175	175	175
Groove depth	A [mm]		4,5	8	8
Groove width	B [mm]		2,5	3,3	3,3
Type of measuring contact	D [mm]		K ø1,5 ⓐ	K ø2 ⓑ	K ø2 ⓑ
Measuring contact length/movable	Hb [mm]		5,3	10,5	10,5
Measuring contact length(fixed)	Hf [mm]		5,3	10,5	10,5
Measuring thickness	S [mm]		1,8	2,5	2,5
Minimum measuring force	Fmin. N		1,2	1,2	1,2
Maximum measuring force	Fmax. N		2	2	2

				
Range of application	Awb [mm]		40-140	200-400
Measuring range	Meb [mm]		100	200
Scale interval	Skw [mm]		0,1	0,2
Deviation in the measuring range	f M [mm]		±0,15	±0,40
Repeatability	f w [mm]		0,075	0,2
Measuring depth	L [mm]		385	735
Groove depth	A [mm]		2	25
Groove width	B [mm]		5	25
Type of measuring contact	D [mm]		K ø5 ⓐ	K R20 ⓑ
Measuring contact length/movable	Hb [mm]		2,5	29,5
Measuring contact length(fixed)	Hf [mm]		2,5	29,5
Measuring contact thickness	S [mm]		5	8
Minimum measuring force	Fmin. N		1,5	1,0
Maximum measuring force	Fmax. N		2,5	2,0



Ran  
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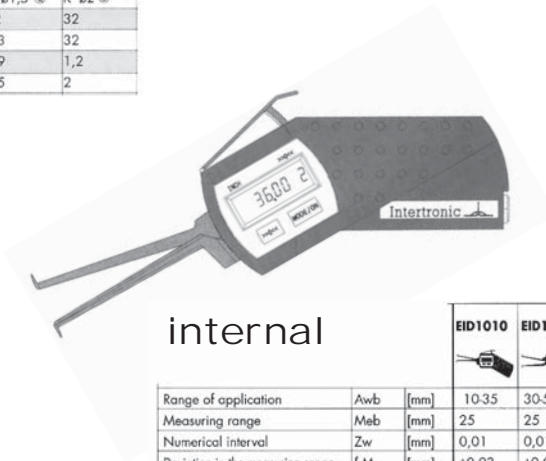
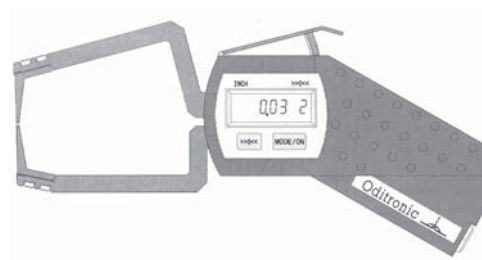


## KROEPLIN GAUGES

### Electronic

#### external

			EOD1025	EOD2050
Range of application	Awb	[mm]	0,3-25	0,5-50
Measuring range	Meb	[mm]	24,7	49,5
Numerical interval	Zw	[mm]	0,01	0,02
Deviation in the measuring range	f M	[mm]	±0,02	±0,04
Repeatability	f w	[mm]	0,02	0,04
Measuring depth	L	[mm]	80	170
Type of measuring contact	D	[mm]	K ø1,5 Ⓢ K ø2 Ⓢ	
Measuring contact length/movable	Hb	[mm]	22	32
Measuring contact length/fixed	Hf	[mm]	2,3	32
Minimum measuring force	Fmin.	N	0,9	1,2
Maximum measuring force	Fmax.	N	1,5	2



#### SPECIAL GAUGES

You have a measuring problem we construct special gauges according to your requests.

Major customers are the mechanical engineering, the metal working industry, the automobile industry and the aerospace industry.

#### internal

			EID1010	EID1030	EID1050
Range of application	Awb	[mm]	10-35	30-55	50-75
Measuring range	Meb	[mm]	25	25	25
Numerical interval	Zw	[mm]	0,01	0,01	0,01
Deviation in the measuring range	f M	[mm]	±0,03	±0,03	±0,03
Repeatability	f w	[mm]	0,03	0,03	0,03
Measuring depth	L	[mm]	80	80	80
Groove depth	A	[mm]	4,5	6	8
Groove width	B	[mm]	1,7	2,5	3
Type of measuring contact	D	[mm]	K ø1 Ⓢ K ø1 Ⓢ K ø1 Ⓢ		
Measuring contact length/movable	Hb	[mm]	5	7	10
Measuring contact length/fixed	Hf	[mm]	5	7	20
Measuring contact thickness	S	[mm]	1,2	1,9	2,5/4
Minimum measuring force	Fmin.	N	0,9	0,9	0,9
Maximum measuring force	Fmax.	N	1,5	1,5	1,5

#### THE MOST IMPORTANT APPLICATION AREAS ARE:

- Wire manufacturers:  
Diameter measurement of continuous wires.
- Glass industry:  
Measurement of wall thicknesses in difficulty accessible places.
- Tube manufacturers:  
Internal and external measurements, also of extremely wide tubes.
- Ceramic industry:  
Safe and simple determination of contraction due to baking and drying.

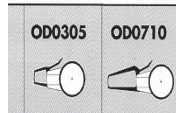
*OTHER SIZES AVAILABLE UPON REQUEST*

- Key manufacturers:  
Measurement of milled notches of keys.
- Foamed material industry:  
Measurements of foam material thicknesses.
- Dental laboratories:  
Measurement of tooth crown thicknesses
- Aerosol and packaging industry:  
Measurement of aerosol cans.
- Foundries:  
Measurement of cast wall thicknesses.
- Medical institutes:  
Measurement of skin wrinkles of human and animals.

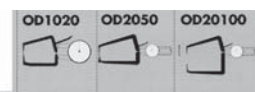
# KROEPLIN GAUGES



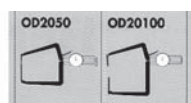
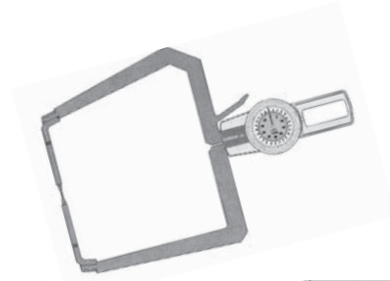
## Mechanical external measurement



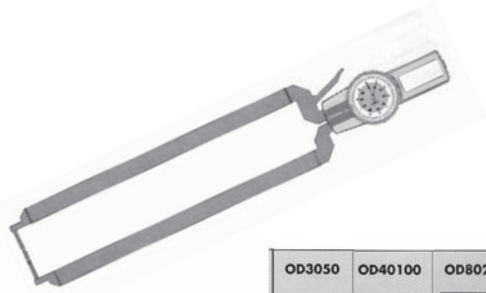
			OD0305	OD0710
Range of application	Awb [mm]		0,5	0-10
Measuring range	Meb [mm]		5	10
Scale interval	Skw [mm]		0,005	0,01
Deviation in the measuring range	f M [mm]		±0,01	±0,02
Repeatability	f w [mm]		0,0025	0,005
Measuring depth	L [mm]		28	59
Type of measuring contact	D [mm]		K ø1,5 ⊗	K ø1,5 ⊗
Measuring contact length(movable)	Hb [mm]		7,5	8
Measuring contact length(fixed)	Hf [mm]		7,5	8
Minimum measuring force	Fmin. N		1,20	0,80
Maximum measuring force	Fmax. N		1,70	1,30



			OD1020	OD2050	OD20100
Range of application	Awb [mm]		0-20	0-50	50-100
Measuring range	Meb [mm]		20	50	50
Scale interval	Skw [mm]		0,01	0,05	0,05
Deviation in the measuring range	f M [mm]		±0,03	±0,05	±0,075
Repeatability	f w [mm]		0,01	0,025	0,025
Measuring depth	L [mm]		80	170	170
Type of measuring contact	D [mm]		K ø1,5 ⊗	K ø2 ⊗	K ø2 ⊗
Measuring contact length/movable	Hb [mm]		22	32	32
Measuring contact length/fixed	Hf [mm]		22	32	32
Minimum measuring force	Fmin. N		0,9	1,2	1,2
Maximum measuring force	Fmax. N		1,5	1,8	1,8



			OD2050	OD20100
Range of application	Awb [mm]		0-50	50-100
Measuring range	Meb [mm]		50	50
Scale interval	Skw [mm]		0,05	0,05
Deviation in the measuring range	f M [mm]		±0,075	±0,075
Repeatability	f w [mm]		0,025	0,05
Measuring depth	L [mm]		170	170
Type of measuring contact	D [mm]		K ø2 ⊗	K ø2 ⊗
Measuring contact length/movable	Hb [mm]		32	32
Measuring contact length/fixed	Hf [mm]		82	82
Minimum measuring force	Fmin. N		1,2	1,2
Maximum measuring force	Fmax. N		1,8	1,8



			OD3050	OD40100	OD80200
Range of application	Awb [mm]		0-50	0-100	0-200
Measuring range	Meb [mm]		50	100	200
Scale interval	Skw [mm]		0,1	0,1	0,2
Deviation in the measuring range	f M [mm]		±0,15	±0,15	±0,4
Repeatability	f w [mm]		0,075	0,075	0,2
Measuring depth	L [mm]		230	368	730
Type of measuring contact	D [mm]		K ø5 ⊗	K ø5 ⊗	K R20 ⊗

OTHER SIZES AVAILABLE UPON REQUEST