

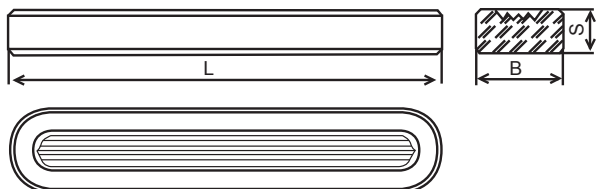


LIQUID LEVEL GAUGES

Gauge Glasses

Reflex Glasses Transparent Glasses

Reflex Glasses A, B, H



Klinger Gauge Glasses Application Range Reflex Glasses	Type A ¹⁾ bar °C	Type B ¹⁾ bar °C	Type H bar °C
For media with no significant glass attack eg. oils, hydrocarbons	400 120 150 400 0-10 430	265 120 180 400 0-10 430	300 120 200 400 0-10 430
For media with no significant glass attack eg. saturates steam, HPHW, alkalis	35 243	35 243	²⁾ 42 253

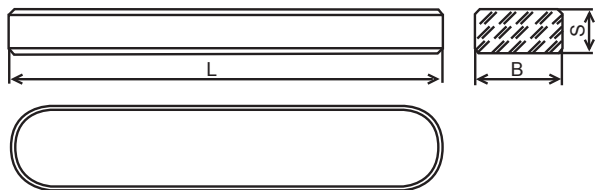
1) Glass types to OeNORM M 7354 or DIN 7081.

2) For Steam pressure above 35 bar we recommend the use of transparent glasses with mica shields.

Overall Dimension (mm)

Size	Type A L B S	Weight g/piece	Type B L B S	Weight g/piece	Type H L B S	Weight g/piece
0	- - -	-	95 34 17	110	- - -	-
I	115 30 17	118	115 34 17	132	115 34 22	176
II	140 30 17	146	140 34 17	162	140 34 22	214
III	165 30 17	176	165 34 17	195	165 34 22	254
IV	190 30 17	200	190 34 17	228	190 34 22	294
V	220 30 17	237	220 34 17	264	220 34 22	344
VI	250 30 17	265	250 34 17	301	250 34 22	392
VII	280 30 17	303	280 34 17	338	280 34 22	445
VIII	320 30 17	334	320 34 17	387	320 34 22	503
IX	340 30 17	359	340 34 17	410	340 34 22	536
X	- - -	-	370 34 -	461	- - -	-

Transparent glasses A, B, H, TA28



Klinger Gauge Glasses Applicational Range Transparent Glasses	Type A ¹⁾ bar °C	Type B ¹⁾ bar °C	Type H bar °C	Type 28 ⁴⁾ bar °C
For media with no significant glass attack eg. oils, hydrocarbons	240 120 160 400 0-10 430	290 120 200 400 0-10 430	340 120 230 400 0-10 430	- - - - - -
For media with no significant glass attack eg. saturates steam, HPHW, alkalis	²⁾ 35 243 70 300	²⁾ 35 243 85 300	²⁾ 42 253 85 300	³⁾ 120 324 180 356

1) Glass types to OeNORM M 7354 or DIN 7081.

2) For Steam pressure above 35 bar we recommend the use of transparent glasses with mica shields.

3) For Steam pressure above 120 bar only TA 28 glasses, size I may be used.

4) TA glasses may only be used with mica shields.

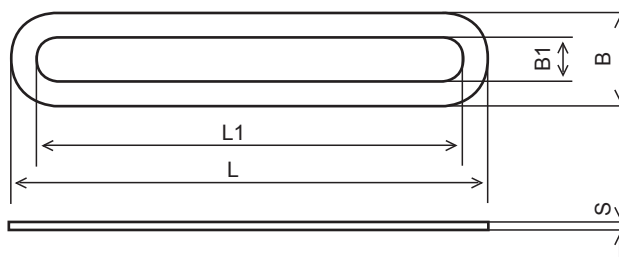
Overall Dimension (mm)

Size	Type A L B S	Weight g/piece	Type B L B S	Weight g/piece	Type H L B S	Weight g/piece	Type 28 L B S	Weight g/piece
I	115 30 17	118	115 34 17	132	115 - -	176	113 27.6 16.8	114
II	140 30 17	146	140 34 17	162	140 34 22	214	- - -	-
III	165 30 17	176	165 34 17	195	165 34 22	254	163 27.6 16.8	168
IV	190 30 17	200	190 34 17	228	190 34 22	294	188 27.6 16.8	194
V	220 30 17	237	220 34 17	264	220 34 22	344	218 27.6 16.8	226
VI	250 30 17	265	250 34 17	301	250 34 22	392	248 27.6 16.8	258
VII	280 30 17	303	280 34 17	338	280 34 22	445	278 27.6 16.8	290
VIII	320 30 17	334	320 34 17	387	320 34 22	503	318 27.6 16.8	334
IX	340 30 17	359	340 34 17	410	340 34 22	536	338 27.6 16.8	356
X	- - -	-	370 34 -	461	- - -	-	- - -	-



Sealing and Cushion Gaskets & Mica Shields

**Sealing gasket, Cushion Gasket
made from Asbestos-Free Material**



Overall Dimension (mm)

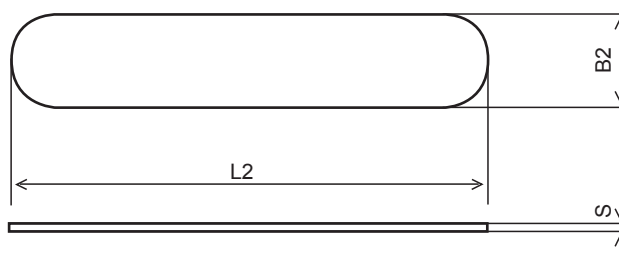
Size	Type A				Type B/H				Type C				Type D			
	L	L1	B	B1	L	L1	B	B1	L	L1	B	B1	L	L1	B	B1
0	95	70	30	15	95	70	34	15	-	-	-	-	-	-	-	-
I	115	90	30	15	115	90	34	15	133	97	47	19	112	97	27	17
II	140	115	30	15	140	115	34	15	-	-	-	-	-	-	-	-
III	165	140	30	15	165	140	34	15	183	147	47	19	162	147	27	17
IV	190	165	30	15	190	165	34	15	208	172	47	19	187	172	27	17
V	220	195	30	15	220	195	34	15	238	202	47	19	217	202	27	17
VI	250	225	30	15	250	225	34	15	268	232	47	19	247	232	27	17
VII	280	255	30	15	280	255	34	15	298	262	47	19	277	262	27	17
VIII	320	295	30	15	320	295	34	15	338	302	47	19	317	302	27	17
IX	340	315	30	15	340	315	34	15	358	322	47	19	337	322	27	17

Sealing and cushion gaskets s = 1.5 mm

1. Protective gaskets = 0.5 mm

2. Cushion gasket s = 0.5 mm

Mica Shields



Material :

A and B micas stained first quality/TA 28 micas stained A quality

KEL-F Shield :

Size like shields / Type B/H standard thickness = 1 mm.

Overall Dimension (mm)

Size	Type A		Type B/H		Type TA 28	
	L2	B2	L2	B2	L2	B2
0	95	30	95	34	-	-
I	115	30	115	34	133	47 ¹⁾
II	140	30	140	34	-	47)
III	165	30	165	34	183	47 ²⁾
IV	190	30	190	34	208	47 ²⁾
V	220	30	220	34	238	47 ²⁾
VI	250	30	250	34	268	47 ²⁾
VII	280	30	280	34	298	47 ²⁾
VIII	320	30	320	34	338	47 ²⁾
IX	340	30	340	34	358	47 ²⁾

s = 0.15 - 0.20

s = 0.15 - 0.20

¹⁾ s = 0.60

²⁾ s = 0.30 - 0.40