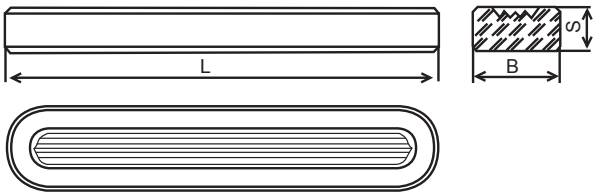
Reflex Glasses Transparent Glasses

Reflex Glasses A, B, H



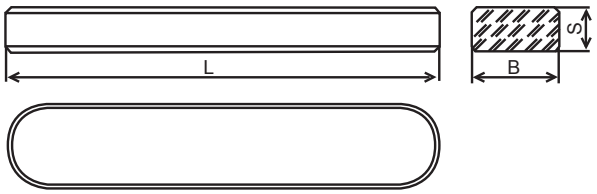
Klinger Gauge Glasses Application Range Reflex Glasses	Type A[1])		Type B[1])		Type H	
	bar	°C	bar	°C	bar	°C
For media with no significant	400	120	265	120	300	120
glass attack	150	400	180	400	200	400
eg. oils, hydrocarbons	0-10	430	0-10	430	0-10	430
For media with no significant						
glass attack eg. saturates					[2])	
steam, HPHW, alkalis	35	243	35	243	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])		Type B[1])		Type H		Type 28[4])	
	bar	°C	bar	°C	bar	°C	bar	°C
For media with no significant	240	120	290	120	340	120	-	-
glass attack	160	400	200	400	230	400	-	-
eg. oils, hydrocarbons	0-10	430	0-10	430	0-10	430	-	-
For media with no significant	[2])		[2])		[2])		[3])	
glass attack eg. saturates	35	243	35	243	42	253	120	324
steam, HPHW, alkalis	70	300	85	300	85	300	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 shieids.
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.

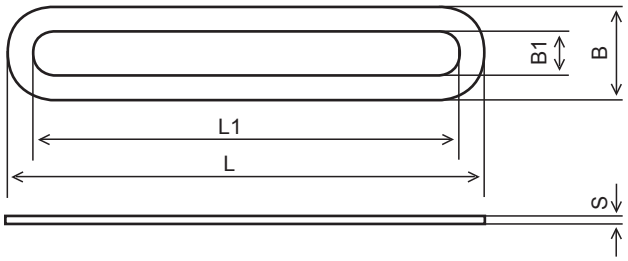
Overall Dimension (mm)

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	-	-	-	-	-	-	-	-

*last updated 10/18

Sealing and Cushion Gaskets & Mica Shields

Sealing gasket, Cushion Gasket made from Asbestos-Free Material

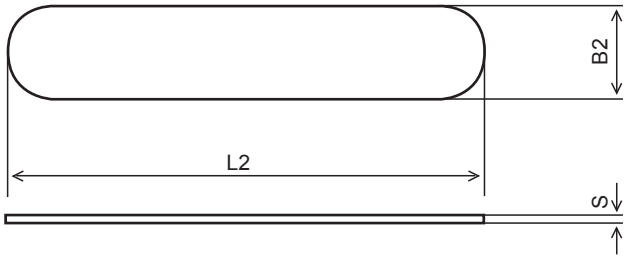


Overall Dimension (mm)

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

*last updated 10/18