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## K78 - PISTON-ROD GUIDE RING



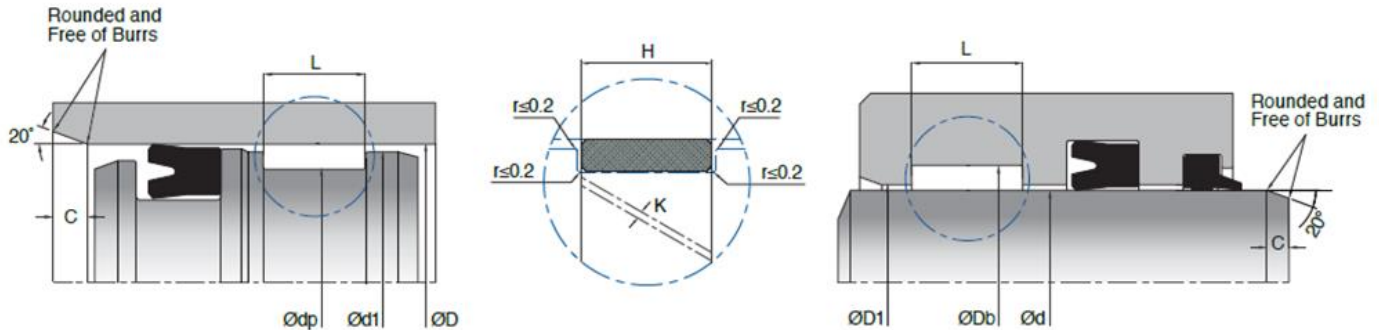
K78 piston-rod guide rings are composite guiding elements, produced from aramid fabric and phenolic resin which provides high load carrying capacity designed to be used in rod and piston applications in hydraulic systems. Compared to regular composite guide rings, K78 has a higher temperature resistance due to Aramid fabric.

### Advantages

- Operating at high temperature
- The high form stability at operating temperature range
- Easy installation
- Wide range of dimensions
- Can be used in heavy and medium duty applications

### Area of Application

- Iron and steel industry
- Mobile machinery
- Heavy duty cylinders



	d(f8) dp(h8)	Db(H8) D(H9)	L (+0.2/- 0)	H	d1 (h9)	D1 (H9)	MATERIAL	Kastas CODE
K78-030	30	35	9.7	9.5	33.2	31.8	PH6504	20006637
K78-032	32	37	9.7	9.5	35.2	33.8	PH6504	20006638

	<b>d(f8) dp(h8)</b>	<b>Db(H8) D(H9)</b>	<b>L (+0.2/- 0)</b>	<b>H</b>	<b>d1 (h9)</b>	<b>D1 (H9)</b>	<b>MATERIAL</b>	<b>Kastaş CODE</b>
K78-035	35	40	9.7	9.5	38.2	36.8	PH6504	20006639
K78-035/1	35	40	15	14.8	38.2	36.8	PH6504	20006640
K78-040	40	45	9.7	9.5	43.2	41.8	PH6504	20001215
K78-040/1	40	45	15	14.8	43.2	41.8	PH6504	20006641
K78-045/1	45	50	15	14.8	48.2	46.8	PH6504	20006642
K78-050	50	55	9.7	9.5	53.2	51.8	PH6504	20001216
K78-050/1	50	55	15	14.8	53.2	51.8	PH6504	20001217
K78-055	55	60	15	14.8	58.2	56.8	PH6504	20001220
K78-055/1	55	60	9.7	9.5	58.2	56.8	PH6504	20001221
K78-058	58	63	9.7	9.5	61.2	59.8	PH6504	20001222
K78-060	60	65	15	14.8	63.2	61.8	PH6504	20001224
K78-060/1	60	65	9.7	9.5	63.2	61.8	PH6504	20001225
K78-063	63	68	9.7	d	66.2	64.8	PH6504	20001227
K78-063/1	63	68	15	14.8	66.2	64.8	PH6504	20001228
K78-065	65	70	15	14.8	68.2	66.8	PH6504	20001229
K78-065/1	65	70	9.7	9.5	68.2	66.8	PH6504	20001230
K78-070	70	75	9.7	9.5	73.2	71.8	PH6504	20001232
K78-070/1	70	75	15	14.8	73.2	71.8	PH6504	20001233
K78-075	75	80	9.7	9.5	78.2	76.8	PH6504	20001235
K78-075/1	75	80	15	14.8	78.2	76.8	PH6504	20001236
K78-080	80	85	9.7	9.5	83.2	81.8	PH6504	20001239
K78-080/1	80	85	15	14.8	83.2	81.8	PH6504	20001240
K78-085	85	90	9.7	9.5	88.2	86.8	PH6504	20001242
K78-085/1	85	90	15	14.8	88.2	86.8	PH6504	20001243
K78-090	90	95	15	14.8	93.2	91.8	PH6504	20001245
K78-090/1	90	95	9.7	9.5	93.2	91.8	PH6504	20001246
K78-095	95	100	9.7	9.5	98.2	96.8	PH6504	20001248
K78-095/1	95	100	15	14.8	98.2	96.8	PH6504	20001249
K78-100	100	105	15	14.8	103.2	101.8	PH6504	20001251
K78-100/1	100	105	9.7	9.5	103.2	101.8	PH6504	20001252
K78-105	105	110	9.7	9.5	108.2	106.8	PH6504	20001268
K78-105/1	105	110	15	14.8	108.2	106.8	PH6504	20001269
K78-110	110	115	9.7	9.5	113.2	111.8	PH6504	20001298
K78-110/1	110	115	15	14.8	113.2	111.8	PH6504	20001299
K78-110/2	110	115	8.1	7.9	113.2	111.8	PH6504	20001300
K78-115	115	120	9.7	9.5	118.2	116.8	PH6504	20001318

	<b>d(f8) dp(h8)</b>	<b>Db(H8) D(H9)</b>	<b>L (+0.2/- 0)</b>	<b>H</b>	<b>d1 (h9)</b>	<b>D1 (H9)</b>	<b>MATERIAL</b>	<b>Kastaş CODE</b>
K78-115/1	115	120	15	14.8	118.2	116.8	PH6504	20001319
K78-115/2	115	120	8.1	7.9	118.2	116.8	PH6504	20001320
K78-120	120	125	9.7	9.5	123.2	121.8	PH6504	20001322
K78-120/1	120	125	15	14.8	123.2	121.8	PH6504	20001323
K78-120/2	120	125	8.1	7.9	123.2	121.8	PH6504	20001324
K78-125	125	130	9.7	9.5	128.2	126.8	PH6504	20001326
K78-125/1	125	130	15	14.8	128.2	126.8	PH6504	20001327
K78-125/3	125	130	14.2	14	128.2	126.8	PH6504	20001329
K78-130	130	135	9.7	9.5	133.2	131.8	PH6504	20001330
K78-130/1	130	135	15	14.8	133.2	131.8	PH6504	20001331
K78-130/3	130	135	8.1	7.9	133.2	131.8	PH6504	20001333
K78-135	135	140	9.7	9.5	138.2	136.8	PH6504	20001334
K78-135/1	135	140	15	14.8	138.2	136.8	PH6504	20001335
K78-135/2	135	140	8.1	7.9	138.2	136.8	PH6504	20001336
K78-140	140	145	9.7	9.5	143.2	141.8	PH6504	20001337
K78-140/1	140	145	15	14.8	143.2	141.8	PH6504	20001338
K78-140/3	140	145	20	19.8	143.2	141.8	PH6504	20001340
K78-145	145	150	9.7	9.5	148.2	146.8	PH6504	20001342
K78-145/1	145	150	15	14.8	148.2	146.8	PH6504	20001343
K78-150	150	155	15	14.8	153.2	151.8	PH6504	20001344
K78-150/1	150	155	9.7	9.5	153.2	151.8	PH6504	20001345
K78-150/2	150	155	12.5	12.3	153.2	151.8	PH6504	20001346
K78-155	155	160	9.7	9.5	158.2	156.8	PH6504	20001347
K78-155/1	155	160	15	14.8	158.2	156.8	PH6504	20001348
K78-160	160	165	9.7	9.5	163.2	161.8	PH6504	20001349
K78-160/1	160	165	15	14.8	163.2	161.8	PH6504	20001350
K78-164	164	170	9.7	9.5	167.6	166.4	PH6504	20001351
K78-165	165	170	9.7	9.5	168.2	166.8	PH6504	20001352
K78-165/1	165	170	15	14.8	168.2	166.8	PH6504	20001353
K78-170	170	175	9.7	9.5	173.2	171.8	PH6504	20001354
K78-170/1	170	175	15	14.8	173.2	171.8	PH6504	20001355
K78-174	174	180	15	14.8	177.6	176.4	PH6504	20001356
K78-175	175	180	9.7	9.5	178.2	176.8	PH6504	20001357
K78-175/1	175	180	15	14.8	178.2	176.8	PH6504	20001358
K78-180	180	185	15	14.8	183.2	181.8	PH6504	20001359
K78-180/1	180	185	9.7	9.5	183.2	181.8	PH6504	20001361

	<b>d(f8) dp(h8)</b>	<b>Db(H8) D(H9)</b>	<b>L (+0.2/- 0)</b>	<b>H</b>	<b>d1 (h9)</b>	<b>D1 (H9)</b>	<b>MATERIAL</b>	<b>Kastaş CODE</b>
K78-184	184	190	15	14.8	187.6	186.4	PH6504	20001362
K78-185	185	190	9.7	9.5	188.2	186.8	PH6504	20001363
K78-185/1	185	190	15	14.8	188.2	186.8	PH6504	20001364
K78-190	190	195	9.7	9.5	193.2	191.8	PH6504	20001365
K78-190/1	190	195	15	14.8	193.2	191.8	PH6504	20001366
K78-194	194	200	20	19.8	197.6	196.4	PH6504	20001369
K78-195	195	200	9.7	9.5	198.2	196.8	PH6504	20001370
K78-195/1	195	200	15	14.8	198.2	196.8	PH6504	20001371
K78-209	209	215	20	19.8	212.6	211.4	PH6504	20001418
K78-210	210	215	25	24.5	213.2	211.8	PH6504	20001424
K78-215	215	220	15	14.8	218.2	216.8	PH6504	20006643
K78-219	219	225	20	19.8	222.6	221.4	PH6504	20001434
K78-224	224	230	25	24.5	227.6	226.4	PH6504	20001435
K78-229	229	235	20	19.8	232.6	231.4	PH6504	20001436
K78-234	234	240	25	24.5	237.6	236.4	PH6504	20001437
K78-235	235	240	25	24.5	238.2	236.8	PH6504	20001438
K78-240	240	248	25	24.5	245	243	PH6504	20001439
K78-244	244	250	25	24.5	247.6	246.4	PH6504	20001440
K78-245/1	245	250	25	24.5	248.2	246.8	PH6504	20001442
K78-245/2	245	250	15	14.8	248.2	246.8	PH6504	20001443
K78-245/3	245	250	20	19.8	248.2	246.8	PH6504	20001444
K78-250	250	255	40	39.5	253.2	251.8	PH6504	20001445
K78-254	254	260	25	24.5	257.6	256.4	PH6504	20001446
K78-254/1	254	260	30	29.5	257.6	256.4	PH6504	20001447
K78-255	255	260	15	14.8	258.2	256.8	PH6504	20006644
K78-260	260	265	25	24.5	263.2	261.8	PH6504	20001448
K78-275	275	280	15	14.8	278.2	276.8	PH6504	20006645
K78-279	279	285	25	24.5	282.6	281.4	PH6504	20001449
K78-280	280	285	25	24.5	283.2	281.8	PH6504	20001450
K78-294	294	300	35	34.5	297.6	296.4	PH6504	20001451
K78-295	295	300	25	24.5	298.2	296.8	PH6504	20001452
K78-315	315	320	25	24.5	318.2	316.8	PH6504	20001454

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