

K68 is a guide ring designed to be used for rod applications.

PRODUCT ADVANTAGES
- Easy, snap-in fitting
- Medium load-bearing capacity
- Prevents hydrodynamic pressure due to the K interval
- Very good dimension stability during operation temperatures
- Chamfered edges prevent pressing into the corner radii of the groove
- Wide range of dimensions
- Economical guiding solution

APPLICATION
Construction machinery, cranes, injection moulding machines, agricultural machinery, light to medium duty cylinders.

MATERIAL	CODE
POM special filled	PM9902

OPERATING CONDITIONS			
MEDIA	Mineral oils (DIN 51524)	HFA and HFB	HFC
TEMPERATURE	-30°C +125°C	+5°C +50°C	-30°C +40°C
CONTACT PRESSURE	≤40 N/mm²	≤40 N/mm²	≤40 N/mm²
SPEED	≤1.0 m/sec	≤1.0 m/sec	≤1.0 m/sec

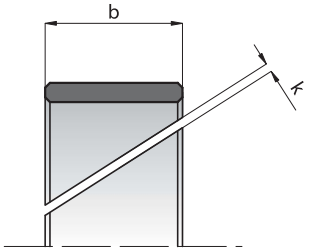
Note: The above data are maximum values and cannot be used at the same time.

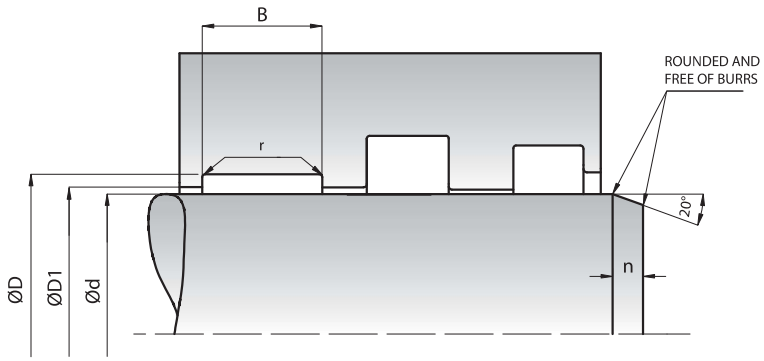
SURFACE ROUGHNESS		Ra	Rmax
Sliding Surface	Ød	≤0.4 µm	≤3.2 µm
Groove Base	ØD	≤2.5 µm	≤10 µm
Groove Flanks	B	≤3.2 µm	≤16 µm

INSTALLATION
Easily assembled into the housing by hand. It is very important that the assembly tools must be of soft material and have no sharp edges. Before installation the rod guide ring must be oiled with system oil.

NOTES
During design stage of the cylinder, K68 guide ring should be placed where it has direct contact with the media. K68 is not suitable for dry working conditions. Surface contact pressure value might drop due to the temperature increase.

K68 ROD GUIDE RING

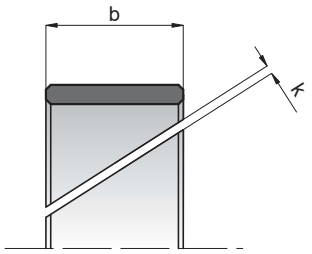


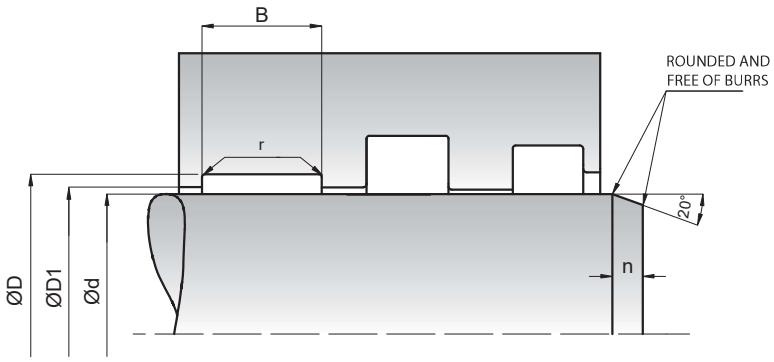


KASTAŞ NO	d (f8)	D (H8)	b	B (-0/+0.2)	D1 (H9)	r	k
K68-016	16	20	9.4	9.6	16.4	0.2	1
K68-016/1	16	19	5.8	6	16.4	0.2	1
K68-018	18	22	9.4	9.6	18.4	0.2	1
K68-020	20	24	9.4	9.6	20.4	0.2	1
K68-020/2	20	26	9.5	9.7	20.4	0.2	1
K68-020/1	20	26	3.8	4	20.4	0.2	1
K68-022	22	26	9.4	9.6	22.5	0.2	1
K68-022/1	22	25	4	4.2	22.5	0.2	1
K68-025	25	31	9.4	9.6	25.5	0.2	1
K68-025/1	25	29	9.4	9.6	25.5	0.2	1
K68-025/2	25	30	5.4	5.6	25.5	0.2	1
K68-026	26	32	9.8	10	26.5	0.2	1
K68-028	28	32	9.5	9.7	28.5	0.2	1
K68-028/2	28	33	6.2	6.4	28.5	0.2	1
K68-028/3	28	33	5.5	5.7	28.5	0.2	1
K68-028/4	28	34	9.5	9.7	28.5	0.2	1
K68-030	30	35	15	15.2	30.5	0.2	1
K68-030/1	30	34	9.5	9.7	30.5	0.2	1
K68-030/2	30	36	9.3	9.5	30.5	0.2	1
K68-030/3	30	35	9.5	9.7	30.5	0.2	1
K68-030/4	30	35	8	8.2	30.5	0.2	1
K68-030/5	30	35	5.4	5.6	30.5	0.2	1
K68-032	32	36	9.5	9.7	32.5	0.2	1
K68-032/1	32	38	9.4	9.6	32.5	0.2	1
K68-035	35	40	15	15.2	35.5	0.2	1
K68-035/1	35	39	9.5	9.7	35.5	0.2	1
K68-035/2	35	40	9.7	9.9	35.5	0.2	1
K68-035/3	35	41	9.4	9.6	35.5	0.2	1
K68-035/4	35	40	5.4	5.6	35.5	0.2	1
K68-035/6	35	40	9.5	9.7	35.5	0.2	1
K68-035/8	35	39	6.3	6.5	35.5	0.2	1
K68-036	36	40	9.5	9.7	36.5	0.2	1
K68-036/1	36	42	9.6	9.8	36.5	0.2	1
K68-036/3	36	41	5.4	5.6	36.5	0.2	1
K68-036/2	36	41	9.5	9.7	36.5	0.2	1
K68-038/2	38	42	4	4.2	38.5	0.2	1
K68-038	38	42	9.4	9.6	38.5	0.2	1
K68-040	40	45	15	15.2	40.5	0.2	1.5
K68-040/1	40	44	9.5	9.7	40.5	0.2	1.5
K68-040/2	40	46	9.6	9.8	40.5	0.2	1.5
K68-040/3	40	45	9.5	9.7	40.5	0.2	1.5
K68-040/8	40	44	6.3	6.5	40.5	0.2	1.5
K68-040/5	40	45	4.8	5	40.5	0.2	1.5
K68-040/6	40	45	5.4	5.6	40.5	0.2	1.5
K68-040/4	40	45	20	20.2	40.5	0.2	1.5
K68-040/7	40	46	12.8	13	40.5	0.2	1.5
K68-040/9	40	45	9.6	9.8	40.5	0.2	1.5
K68-044.45	44.45	50.8	19.05	19.25	44.95	0.2	1.5
K68-045	45	50	15	15.2	45.5	0.2	1.5
K68-045/1	45	51	9.5	9.7	45.5	0.2	1.5

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K68 ROD GUIDE RING





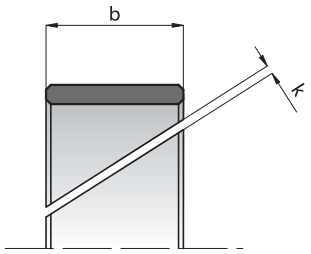
KASTAŞ NO	d (f8)	D (H8)	b	B (-0/+0.2)	D1 (H9)	r	k
K68-045/2	45	50	9.5	9.7	45.5	0.2	1.5
K68-045/3	45	51	12.5	12.7	45.5	0.2	1.5
K68-045/5	45	50	5.4	5.6	45.5	0.2	1.5
K68-048	48	54	9.6	9.8	48.5	0.2	1.5
K68-050	50	55	15	15.2	50.5	0.2	1.5
K68-050/1	50	56	9.5	9.7	50.5	0.2	1.5
K68-050/2	50	56	12.5	12.7	50.5	0.2	1.5
K68-050/3	50	55	8	8.2	50.5	0.2	1.5
K68-050/4	50	55	20	20.2	50.5	0.2	1.5
K68-050/5	50	55	9.5	9.7	50.5	0.2	1.5
K68-050/6	50	55	5.4	5.6	50.5	0.2	1.5
K68-050.8	50.8	57.15	19.05	19.25	51.3	0.2	1.5
K68-055	55	60	15	15.2	55.5	0.2	2
K68-055/1	55	61	9.5	9.7	55.5	0.2	2
K68-055/2	55	60	8	8.2	55.5	0.2	2
K68-055/3	55	60	20	20.2	55.5	0.2	2
K68-055/4	55	61	12.5	12.7	55.5	0.2	2
K68-055/5	55	60	9.5	9.7	55.5	0.2	2
K68-055/6	55	60	5.4	5.6	55.5	0.2	2
K68-055/7	55	60	5.6	5.8	55.5	0.2	2
K68-055/8	55	60	9.7	9.9	55.5	0.2	2
K68-056	56	62	12.5	12.7	56.5	0.2	2
K68-056/1	56	60	9.6	9.8	56.5	0.2	2
K68-056/2	56	61	9.5	9.7	56.5	0.2	2
K68-056/3	56	60	7.9	8.1	56.5	0.2	2
K68-056/4	56	62	20	20.2	56.5	0.2	2
K68-058	58	63	9.5	9.7	58.5	0.2	2
K68-060	60	65	15	15.2	60.5	0.2	2
K68-060/1	60	66	12.5	12.7	60.5	0.2	2
K68-060/2	60	65	9.5	9.7	60.5	0.2	2
K68-060/8	60	64	10	10.2	60.5	0.2	2
K68-060/7	60	64	19.3	19.5	60.5	0.2	2
K68-060/6	60	65	5.3	5.5	60.5	0.2	2
K68-060/4	60	65	8	8.2	60.5	0.2	2
K68-060/3	60	65	20	20.2	60.5	0.2	2
K68-060/5	60	66	9.7	9.9	60.5	0.2	2
K68-063	63	69	12.5	12.7	63.5	0.2	2.5
K68-063/2	63	67	6.3	6.5	63.5	0.2	2.5
K68-063/1	63	68	9.5	9.7	63.5	0.2	2.5
K68-063/4	63	69	30	30.5	63.5	0.2	2.5
K68-065	65	70	15	15.2	65.5	0.2	2.5
K68-065/1	65	71	12.5	12.7	65.5	0.2	2.5
K68-065/2	65	70	5.4	5.6	65.5	0.2	2.5
K68-065/3	65	70	6.8	7	65.5	0.2	2.5
K68-067	67	72	5.4	5.6	67.5	0.2	2.5
K68-069.85	69.85	76.2	19.05	19.25	70.05	0.2	2.5
K68-070	70	75	15	15.2	70.5	0.2	2.5
K68-070/1	70	76	12.5	12.7	70.5	0.2	2.5
K68-070/2	70	75	5.4	5.6	70.5	0.2	2.5

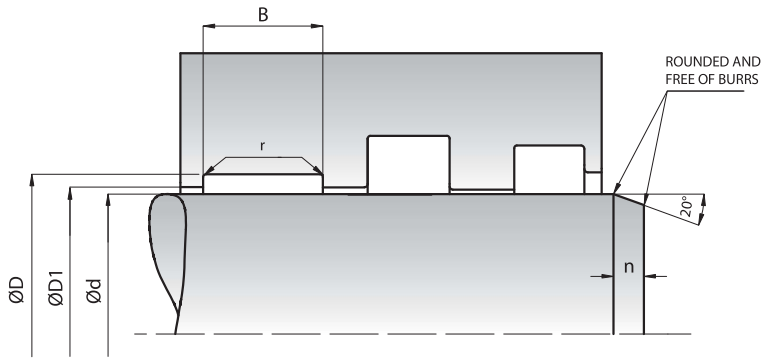
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KASTAŞ NO	d (f8)	D (H8)	b	B (-0/+0.2)	D1 (H9)	r	k
K68-070/5	70	75	9.5	9.7	70.5	0.2	2.5
K68-070/4	70	76	10	10.2	70.5	0.2	2.5
K68-070/3	70	76	25	25.5	70.5	0.2	2.5
K68-072/1	72	78	12.3	12.5	72.5	0.2	2.5
K68-075	75	80	15	15.2	75.5	0.2	2.5
K68-075/1	75	81	12.5	12.7	75.5	0.2	2.5
K68-075/2	75	80	8	8.2	75.5	0.2	2.5
K68-075/3	75	80	9.5	9.7	75.5	0.2	2.5
K68-075/4	75	80	5.4	5.6	75.5	0.2	2.5
K68-080	80	85	15	15.2	80.5	0.2	2.5
K68-080/1	80	86	12.5	12.7	80.5	0.2	2.5
K68-080/3	80	85	9.5	9.7	80.5	0.2	2.5
K68-080/2	80	84	9.3	9.5	80.5	0.2	2.5
K68-080/5	80	85	19.8	20	80.5	0.2	2.5
K68-080/4	80	86	24.8	25.3	80.5	0.2	2.5
K68-080/7	80	86	30	30.5	80.5	0.2	2.5
K68-085	85	90	15	15.2	85.5	0.2	2.5
K68-085/1	85	91	12.5	12.7	85.5	0.2	2.5
K68-085/2	85	90	5.5	5.7	85.5	0.2	2.5
K68-085/3	85	90	9.7	9.9	85.5	0.2	2.5
K68-086	86	92	12.5	12.7	86.5	0.2	2.5
K68-090	90	95	15	15.2	90.5	0.2	2.5
K68-090/1	90	96	12.5	12.7	90.5	0.2	2.5
K68-090/2	90	95	9.5	9.7	90.5	0.2	2.5
K68-090/4	90	94	15	15.2	90.5	0.2	2.5
K68-090/3	90	95	5.6	5.8	90.5	0.2	2.5
K68-090/7	90	96	30	30.5	90.5	0.2	2.5
K68-095	95	100	15	15.2	95.5	0.2	2.5
K68-095/1	95	101	12.5	12.7	95.5	0.2	2.5
K68-095/2	95	100	9.5	9.7	95.5	0.2	3.5
K68-095/3	95	100	5.4	5.6	95.5	0.2	3.5
K68-100	100	105	15	15.2	100.5	0.2	3.5
K68-100/1	100	106	12.5	12.7	100.5	0.2	3.5
K68-100/2	100	104	15	15.2	100.5	0.2	2.5
K68-100/3	100	105	9.7	9.9	100.5	0.2	3.5
K68-104	104	110	10	10.2	104.6	0.2	3.5
K68-105	105	110	15	15.2	105.6	0.2	3.5
K68-105/1	105	110	8	8.2	105.6	0.2	3.5
K68-105/2	105	110	9.5	9.7	105.6	0.2	3.5
K68-110	110	116	12.5	12.7	110.6	0.2	3.5
K68-110/1	110	115	9.5	9.7	110.6	0.2	3.5
K68-110/2	110	115	20	20.2	110.6	0.2	3.5
K68-115	115	120	15	15.2	115.6	0.2	3.5
K68-115/1	115	121	12.5	12.7	115.6	0.2	3.5
K68-119	119	125	15	15.2	119.6	0.2	3.5
K68-120	120	125	15	15.2	120.6	0.2	3.5
K68-120/1	120	126	12.5	12.7	120.6	0.2	3.5
K68-120/2	120	125	9.5	9.7	120.6	0.2	3.5
K68-125	125	131	12.5	12.7	125.6	0.2	3.5
K68-125/1	125	130	15	15.2	125.6	0.2	3.5
K68-125/2	125	130	7	7.2	125.6	0.2	3.5
K68-130	130	135	15	15.2	130.6	0.2	3.5
K68-130/1	130	136	12.5	12.7	130.6	0.2	3.5
K68-135	135	140	9.5	9.7	135.6	0.2	3.5
K68-135/1	135	140	15	15.2	135.6	0.2	3.5
K68-140	140	145	15	15.2	140.6	0.2	3.5
K68-140/1	140	146	12.5	12.7	140.6	0.2	3.5
K68-146	146	150	10	10.2	146.6	0.2	3.5
K68-150	150	155	15	15.2	150.6	0.2	3.5
K68-150/1	150	156	12.5	12.7	150.6	0.2	3.5
K68-150/4	150	160	34.8	35.3	150.6	0.2	3.5
K68-150/5	150	155	24.8	25.3	150.6	0.2	3.5
K68-150/6	150	156	19	19.2	150.6	0.2	3.5
K68-155	155	160	15	15.2	155.6	0.2	3.5
K68-160	160	165	15	15.2	160.6	0.2	3.5

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KASTAŞ NO	d (f8)	D (H8)	b	B (-0/+0.2)	D1 (H9)	r	k
K68-160/1	160	166	12.5	12.7	160.6	0.2	3.5
K68-160/2	160	166	18.9	19.1	160.6	0.2	3.5
K68-170	170	175	15	15.2	170.6	0.2	3.5
K68-175	175	180	9.5	9.7	175.6	0.2	3.5
K68-180	180	185	15	15.2	180.6	0.2	3.5
K68-180/1	180	186	19	19.2	180.6	0.2	3.5
K68-190	190	195	15	15.2	190.6	0.2	3.5
K68-195	195	200	15	15.2	195.6	0.2	3.5
K68-200	200	206	19	19.2	200.6	0.2	3.5
K68-200/1	200	205	15	15.2	200.6	0.2	3.5
K68-210	210	216	19	19.2	210.6	0.2	3.5
K68-220	220	226	19	19.2	220.6	0.2	3.5

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