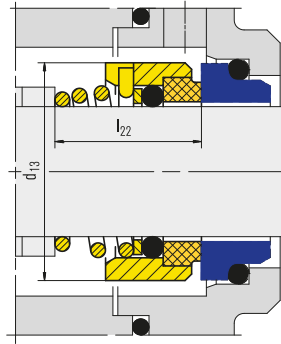
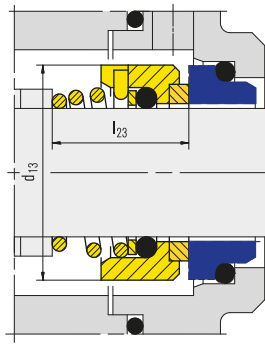


### MS 32



### MS 37/377

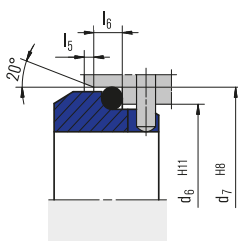


Product Description	Technical Features	Operating Range	Material
▶ 1-5-Shrink-fitted face and housing	▶ Single Seal	▶ d1 = 6 - 80mm	▶ Rotary seal faces: Silicon carbide, Tungsten Carbide, Carbon
▶ 2-O-Ring	▶ Unbalanced	▶ p = 10 bar	▶ Stationary seal faces: Silicon carbide, Ceramic, Tungsten Carbide, Chrome Nickel
▶ 3- Spring	▶ Spring	▶ t = -50 / 220 °C	▶ Elastomers : Viton (FKM), EPDM, Nitril (NBR) Silicon
▶ 4-Thrust ring	▶ Dependent of rotation direction	▶ Vg = 20 m/sn	
▶ 6-Stationary Seat			
▶ 7-O-Ring			

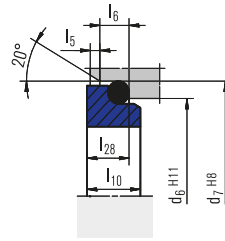
#### Stationary Seat Alternatives

- ▶ G-9 G-13 G-60 G-6 G-4

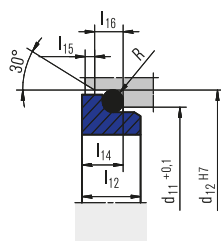
#### Seat alternatives



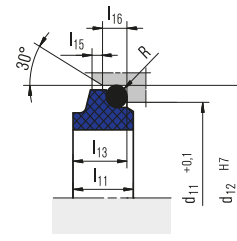
G9 (EN 12756)



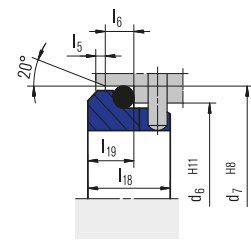
G6 (EN 12756)



G4



G13



G16 (EN 12756)

#### Dimensions in mm

d1	d3	d6	d7	d8	d11 <sup>1)</sup>	d12 <sup>1)</sup>	d13	db	l1N	l3 <sup>3)</sup>	l5	l6	l7	l8	l9	l10	l11	l12	l13	l14	l15	l16	l18	l19	l21 <sup>3)</sup>	l22	l23	l28	b <sup>2)</sup>	R
6	14	-	-	-	11.5	16	16	8	-	-	-	-	-	-	-	-	9	6.5	7.1	5.6	1.2	3.8	-	-	10.5	11.9	-	-	-	1.2
8	18	-	-	-	15.5	19.2	18	11	-	-	-	-	-	-	-	-	9	8	7.1	7	1.2	3.8	-	-	15.5	16.9	-	-	-	1.2
10*	19	17	21	3	15.5	19.2	20	13	40	15.5	1.5	4	8.5	17.5	10	7.5	9	7.5	7.1	6.6	1.2	3.8	-	-	15.5	16.9	-	6.6	(8)	1.2
12*	21	19	23	3	17.5	21.6	22	16	40	16	1.5	4	8.5	17.5	10	7.5	10	6.5	7.6	5.6	1.2	3.8	-	-	15.5	17.4	-	6.6	(8)	1.2
14*	23	21	25	3	20.5	24.6	24	18	40	16.5	1.5	4	8.5	17.5	10	7.5	10	6.5	7.6	5.6	1.2	3.8	-	-	15.5	17.4	16.5	6.6	(8)	1.2
15	24	-	-	-	22.5	24.6	25	19	-	-	-	-	-	-	-	-	11	7.5	8.6	6.6	1.2	3.8	-	-	15.5	17.4	-	-	-	1.2
16*	26	23	27	3	22	28	26	21	40	18	1.5	4	8.5	17.5	10	7.5	11.5	8.5	9	7.5	1.5	5	-	-	17.5	19.5	16.5	6.6	(8)	1.5
18*	29	27	33	3	24	30	31	23	45	19.5	2	5	9	19.5	11.5	8.5	12.5	9	10	8	1.5	5	15	7	18.5	20.5	18	7.5	(8)	1.5
20*	31	29	35	3	29.5	35	34	26	45	22	2	5	9	19.5	11.5	8.5	12.5	8.5	9.5	7.5	1.5	5	15	7	20	22	19	7.5	(8)	1.5
22*	33	31	37	3	29.5	35	36	28	45	21.5	2	5	9	19.5	11.5	8.5	12.5	8.5	9.5	7.5	1.5	5	15	7	21.5	23.5	20.5	7.5	(8)	1.5
24*	35	33	39	3	32	38	38	30	50	23.5	2	5	9	19.5	11.5	8.5	12.5	8.5	9.5	7.5	1.5	5	15	7	23	25	22	7.5	(8)	1.5
25*	36	34	40	3	32	38	39	31	50	26.5	2	5	9	19.5	11.5	8.5	12.5	8.5	9.5	7.5	1.5	5	15	7	24.5	26.5	23.5	7.5	(8)	1.5
26	37	-	-	-	34	40	40	32	-	-	-	-	9	-	-	-	13	9	10	8	1.5	5	-	-	24.5	26.5	23.5	-	-	1.5
28*	40	37	43	3	36	42	42	35	50	26.5	2	5	9	19.5	11.5	8.5	14	10	11	9	1.5	5	15	7	24.5	26.5	24.5	7.5	(8)	1.5
30*	43	39	45	3	39.2	45	44	37	50	26.5	2	5	9	19.5	11.5	8.5	14	11.5	11	10.5	1.5	5	15	7	24.5	25	24.5	7.5	(8)	1.5
32*	46	42	48	3	42.2	48	46	39	55	28.5	2	5	9	19.5	11.5	8.5	14	11.5	11	10.5	1.5	5	15	7	28	28.5	28	7.5	(8)	1.5
33*	47	42	48	3	-	47	40	55	28.5	2	5	9	19.5	11.5	8.5	-	12	-	-	-	-	15	7	-	-	-	-	7.5	(8)	1.5
35*	49	44	50	3	46.2	52	49	43	55	28.5	2	5	9	19.5	11.5	8.5	14.5	12	11.5	11	1.5	5	15	7	28	28.5	28	7.5	(8)	1.5
38*	53	49	56	4	49.2	55	54	45	55	33.5	2	6	9	22	14	10	14.5	11.3	11.5	10.3	1.5	5	16	8	31	32.2	31	9	7.5	1.5
40*	56	51	58	4	52.2	58	56	49	55	36	2	6	9	22	14	10	14.5	11.8	11.5	10.8	1.5	5	16	8	34	34.7	34	9	(8)	1.5
42	59	-	-	-	53.3	62	58	52	-	-	-	-	9	-	-	-	17	13.2	14.3	12	2	6	-	-	35	37.3	35	-	-	2.5
43*	59	54	61	4	-	-	59	52	60	38.5	2	6	9	22	14	10	-	13.2	-	-	2	-	16	8	-	-	-	9	7.5	2.5
45*	61	56	63	4	55.3	64	61	55	60	39.5	2	6	9	22	14	10	17	12.8	14.3	11.6	2	6	16	8	36.5	39.2	36.5	9	(8)	2.5
48*	64	59	66	4	59.7	68.4	64	58	60	46	2	6	9	22	14	10	17	12.8	14.3	11.6	2	6	16	8	42	44.7	42	9	(8)	2.5
50*	66	62	70	4	60.8	69.3	66	61	60	45	2.5	6	9	23	15	10.5	17	12.8	14.3	11.6	2	6	17	9.5	43	45.7	43	9.5	(8)	2.5
53*	69	65	73	4	-	69	64	70	47	2.5	6	9	23	15	12	-	13.5	-	-	-	-	17	9.5	-	-	-	11	8	2.5	
55*	71	67	75	4	66.5	75.4	71	66	70	49	2.5	6	9	23	15	12	18	14.5	15.3	13.3	2	6	17	9.5	47	49	47	11	(8)	2.5
58*	76	70	78	4	69.5	78.4	78	69	70	55	2.5	6	9	23	15	12	18	14.5	15.3	13.3	2	6	18	10.5	50	52	50	11	(8)	2.5
60*	78	72	80	4	71.5	80.4	79	71	70	55	2.5	6	9	23	15	12	18	14.5	15.3	13.3	2	6	18	10.5	51	53	51	11	(8)	2.5
63*	83	75	83	4	-	83	74	70	55	2.5	6	9	23	15	12	-	14.2	-	-	-	-	18	10.5	-	-	-	11	(8)	2.5	
65*	84	77	85	4	76.5	85.4	85	77	80	55	2.5	6	9	23	15	12	18	14.2	15.3	13	2	6	18	10.5	52	54.3	52	11	(8)	2.5
68*	88	81	90	4	82.7	91.5	88	80	80	55	2.5	7	9	26	18	12.5	19	14.9	16	13.7	2	6	18.5	11	53	55.3	52.7	11.3	(8)	2.5
70*	90	83	92	4	83	92	90	83	80	57	2.5	7	9	26	18	12.5	18	14.2	15.3	13	2	6	19	11.5	54	56.3	54	11.3	(10)	2.5
75*	98	88	97	4	90.2	99	98	88	80	62	2.5	7	9	26	18	12.5	18	15.2	15.3	14	2	6	19	11.5	55	56.3	54	11.3	(10)	2.5
80*	100	95	105	4	95.2	104	103	93	90	61.8	3	7	9	26.2	18.2	13	19	16.2	16.3	15	2	6	19	11.5	58	59.3	58	12	10	2.5