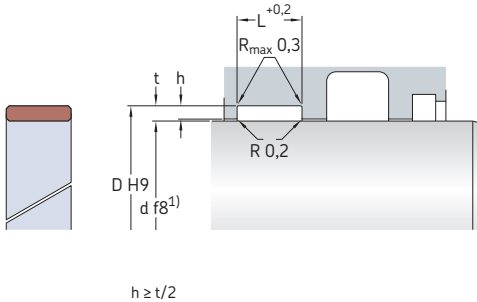


5.3 RGR rod guide rings, metric sizes

d 12 – 140 mm



Dimensions				Designation	Dimensions				Designation	
d	D	L	t		d	D	L	t		
mm				-	mm				-	
12	15	6,3	1,5	RGR 12x15x6.3-PF	30	33,1	4	1,55	RGR 30x33.1x4-PF	
	15,1	4	1,55	RGR 12x15.1x4-PF		34	10	2	RGR 30x34x10-PF	
14	17,1	4	1,55	RGR 14x17.1x4-PF		35	5,6	2,5	RGR 30x35x5.6-PF	
15	18,1	4	1,55	RGR 15x18.1x4-PF	32	35	5,6	1,5	RGR 32x35x5.6-PF	
16	19	6	1,5	RGR 16x19x6-PF		35,1	4,2	1,55	RGR 32x35.1x4.2-PF	
	19,1	4	1,55	RGR 16x19.1x4-PF		36	10	2	RGR 32x36x10-PF	
	20	10	2	RGR 16x20x10-PF		36	15	2	RGR 32x36x15-PF	
18	21,1	4	1,55	RGR 18x21.1x4-PF		36	20	2	RGR 32x36x20-PF	
	20	23	10	1,5		RGR 20x23x10-PF	37	5,6	2,5	RGR 32x37x5.6-PF
		23,1	4	1,55	RGR 20x23.1x4-PF	37	9,7	2,5	RGR 32x37x9.7-PF	
24		5,6	2	RGR 20x24x5.6-PF	38	10	3	RGR 32x38x10-PF		
22	25	10	1,5	RGR 22x25x10-PF	35	38	10	1,5	RGR 35x38x10-PF	
	25,1	4	1,55	RGR 22x25.1x4.0-PF		39	20	2	RGR 35x39x20-PF	
	25,1	4	1,55	RGR 22x25.1x4-PF		40	5,6	2,5	RGR 35x40x5.6-PF	
25	28	6	1,5	RGR 25x28x6-PF		40	9,7	2,5	RGR 35x40x9.7-PF	
	28	10	1,5	RGR 25x28x10-PF	41	10	3	RGR 35x41x10-PF		
	28	20	1,5	RGR 25x28x20-PF	36	40	10	2	RGR 36x40x10-PF	
	28,1	4	1,55	RGR 25x28.1x4-PF		40	30	2	RGR 36x40x30-PF	
	28,1	4,2	1,55	RGR 25x28.1x4.2-PF	41	5,6	2,5	RGR 36x41x5.6-PF		
	29	5,6	2	RGR 25x29x5.6-PF	41	9,7	2,5	RGR 36x41x9.7-PF		
28	29	10	2	RGR 25x29x10-PF	42	10	3	RGR 36x42x10-PF		
	29	20	2	RGR 25x29x20-PF	40	43	5,6	1,5	RGR 40x43x5.6-PF	
	30	5,6	2,5	RGR 25x30x5.6-PF		44	10	2	RGR 40x44x10-PF	
	31	10	3	RGR 25x31x10-PF		44	20	2	RGR 40x44x20-PF	
	32	31,1	4	1,55		RGR 28x31.1x4-PF	44	25	2	RGR 40x44x25-PF
		32	10	2		RGR 28x32x10-PF	45	5,6	2,5	RGR 40x45x5.6-PF
34	33	5,6	2,5	RGR 28x33x5.6-PF		45	9,7	2,5	RGR 40x45x9.7-PF	
	34	10	3	RGR 28x34x10-PF	46	10	3	RGR 40x46x10-PF		
	46	15	3	RGR 40x46x15-PF	46	20	3	RGR 40x46x20-PF		
		25	3	RGR 40x46x25-PF						

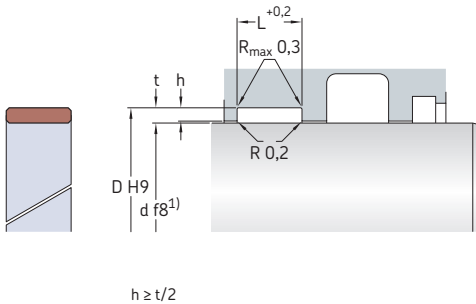
¹⁾ Adjustments according to tolerances provided for rod seal are possible, however, the maximum e-gap also need to be considered (→ Gap extrusion, page 34)

Dimensions				Designation
d	D	L	t	
mm				-
45	49	15	2	RGR 45x49x15-PF
	50	5,6	2,5	RGR 45x50x5.6-PF
	50	9,7	2,5	RGR 45x50x9.7-PF
	51	13	3	RGR 45x51x13-PF
	51	20	3	RGR 45x51x20-PF
	51	40	3	RGR 45x51x40-PF
50	55	5,6	2,5	RGR 50x55x5.6-PF
	55	9,7	2,5	RGR 50x55x9.7-PF
	55	15	2,5	RGR 50x55x15-PF
	56	13	3	RGR 50x56x13-PF
	56	20	3	RGR 50x56x20-PF
	56	30	3	RGR 50x56x30-PF
55	60	5,6	2,5	RGR 55x60x5.6-PF
	60	9,7	2,5	RGR 55x60x9.7-PF
56	61	5,6	2,5	RGR 56x61x5.6-PF
	61	9,7	2,5	RGR 56x61x9.7-PF
	62	13	3	RGR 56x62x13-PF
	62	16	3	RGR 56x62x16-PF
	62	30	3	RGR 56x62x30-PF
	62	40	3	RGR 56x62x40-PF
60	65	5,6	2,5	RGR 60x65x5.6-PF
	65	9,7	2,5	RGR 60x65x9.7-PF
	65	15	2,5	RGR 60x65x15-PF
	66	13	3	RGR 60x66x13-PF
	66	20	3	RGR 60x66x20-PF
	66	30	3	RGR 60x66x30-PF
63	68	5,6	2,5	RGR 63x68x5.6-PF
	68	9,7	2,5	RGR 63x68x9.7-PF
	68	15	2,5	RGR 63x68x15-PF
	69	13	3	RGR 63x69x13-PF
	69	20	3	RGR 63x69x20-PF
	69	30	3	RGR 63x69x30-PF
65	70	9,7	2,5	RGR 65x70x9.7-PF
	71	13	3	RGR 65x71x13-PF
	71	20	3	RGR 65x71x20-PF
	71	40	3	RGR 65x71x40-PF
70	75	9,7	2,5	RGR 70x75x9.7-PF
	76	13	3	RGR 70x76x13-PF
	76	20	3	RGR 70x76x20-PF
	76	30	3	RGR 70x76x30-PF
	76	40	3	RGR 70x76x40-PF
	76	50	3	RGR 70x76x50-PF
75	80	9,7	2,5	RGR 75x80x9.7-PF
	81	13	3	RGR 75x81x13-PF
	81	20	3	RGR 75x81x20-PF
	81	30	3	RGR 75x81x30-PF
	81	60	3	RGR 75x81x60-PF
80	85	9,7	2,5	RGR 80x85x9.7-PF
	85	15	2,5	RGR 80x85x15-PF
	86	13	3	RGR 80x86x13-PF
	86	20	3	RGR 80x86x20-PF
		86	25	3
	86	30	3	RGR 80x86x30-PF
	86	40	3	RGR 80x86x40-PF
	86	50	3	RGR 80x86x50-PF

Dimensions				Designation
d	D	L	t	
mm				-
85	90	9,7	2,5	RGR 85x90x9.7-PF
	90	15	2,5	RGR 85x90x15-PF
	91	13	3	RGR 85x91x13-PF
	91	20	3	RGR 85x91x20-PF
	91	25	3	RGR 85x91x25-PF
90	95	9,7	2,5	RGR 90x95x9.7-PF
	95	15	2,5	RGR 90x95x15-PF
	96	13	3	RGR 90x96x13-PF
	96	20	3	RGR 90x96x20-PF
	96	30	3	RGR 90x96x30-PF
	96	40	3	RGR 90x96x40-PF
95	100	9,7	2,5	RGR 95x100x9.7-PF
	100	15	2,5	RGR 95x100x15-PF
100	105	9,7	2,5	RGR 100x105x9.7-PF
	105	15	2,5	RGR 100x105x15-PF
	106	13	3	RGR 100x106x13-PF
	106	20	3	RGR 100x106x20-PF
	106	25	3	RGR 100x106x25-PF
	106	30	3	RGR 100x106x30-PF
	106	40	3	RGR 100x106x40-PF
	106	50	3	RGR 100x106x50-PF
105	111	20	3	RGR 105x111x20-PF
110	115	9,7	2,5	RGR 110x115x9.7-PF
	115	15	2,5	RGR 110x115x15-PF
	116	13	3	RGR 110x116x13-PF
	116	20	3	RGR 110x116x20-PF
	116	30	3	RGR 110x116x30-PF
115	121	20	3	RGR 115x121x20-PF
120	125	9,7	2,5	RGR 120x125x9.7-PF
	125	15	2,5	RGR 120x125x15-PF
	126	40	3	RGR 120x126x40-PF
	126	50	3	RGR 120x126x50-PF
125	130	9,7	2,5	RGR 125x130x9.7-PF
	130	15	2,5	RGR 125x130x15-PF
	131	13	3	RGR 125x131x13-PF
	131	30	3	RGR 125x131x30-PF
	131	40	3	RGR 125x131x40-PF
	131	50	3	RGR 125x131x50-PF
	133	20	4	RGR 125x133x20-PF
	133	30	4	RGR 125x133x30-PF
	133	45	4	RGR 125x133x45-PF
	133	60	4	RGR 125x133x60-PF
127	133	13	3	RGR 127x133x13-PF
130	135	9,7	2,5	RGR 130x135x9.7-PF
	135	15	2,5	RGR 130x135x15-PF
135	141	90	3	RGR 135x141x90-PF
140	145	9,7	2,5	RGR 140x145x9.7-PF
	145	15	2,5	RGR 140x145x15-PF
	146	13	3	RGR 140x146x13-PF
	146	20	3	RGR 140x146x20-PF
	146	25	3	RGR 140x146x25-PF
	146	40	3	RGR 140x146x40-PF
	148	20	4	RGR 140x148x20-PF

5.3 RGR rod guide rings, metric sizes

d 150 – 365 mm



Dimensions				Designation	
d	D	L	t		
mm				-	
150	155	9,7	2,5	RGR 150x155x9.7-PF	
	155	15	2,5	RGR 150x155x15-PF	
	156	19,5	3	RGR 150x156x19.5-PF	
	156	30	3	RGR 150x156x30-PF	
	158	20	4	RGR 150x158x20-PF	
160	165	9,7	2,5	RGR 160x165x9.7-PF	
	165	15	2,5	RGR 160x165x15-PF	
	166	30	3	RGR 160x166x30-PF	
	168	30	4	RGR 160x168x30-PF	
	168	40	4	RGR 160x168x40-PF	
180	185	9,7	2,5	RGR 180x185x9.7-PF	
	185	15	2,5	RGR 180x185x15-PF	
	186	19,5	3	RGR 180x186x19.5-PF	
195	203	25	4	RGR 195x203x25-PF	
200	205	15	2,5	RGR 200x205x15-PF	
	205	25	2,5	RGR 200x205x25-PF	
210	218	25	4	RGR 210x218x25-PF	
220	225	15	2,5	RGR 220x225x15-PF	
	225	25	2,5	RGR 220x225x25-PF	
	228	25	4	RGR 220x228x25-PF	
235	243	30	4	RGR 235x243x30-PF	
250	255	15	2,5	RGR 250x255x15-PF	
	255	25	2,5	RGR 250x255x25-PF	
255	263	25	4	RGR 255x263x25-PF	
264	272	24	4	RGR 264x272x24-PF	
305	313	25	4	RGR 305x313x25-PF	
365	373	35	4	RGR 365x373x35-PF	

¹⁾ Adjustments according to tolerances provided for rod seal are possible, however, the maximum e-gap also needs to be considered (→ Gap extrusion, page 34)