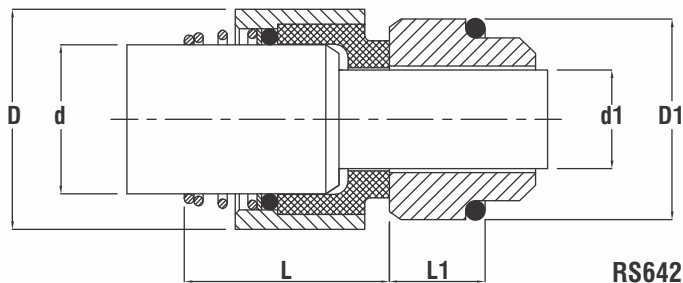
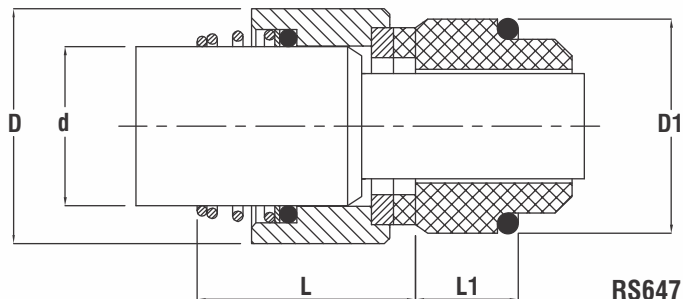


RS642/647

CONICAL SPRING BALANCED SEAL



RS642



RS647



Rs642 / 647				Gs9 / GS92	
d1	d2	D	L	D1	L1
10	14	24	25.5	21	10.0
12	16	26	26.5	23	10.0
14	18	31	29.5	25	10.0
16	20	34	31.0	27	10.0
18	22	36	32.5	33	11.5
20	24	38	32.5	35	11.5
22	26	40	32.5	37	11.5
24	28	42	32.5	39	11.5
25	30	44	33.5	40	11.5
28	33	47	35.5	43	11.5
30	35	49	35.5	45	11.5
32	38	54	39.5	48	11.5
33	38	54	39.5	48	11.5
35	40	56	43.5	50	11.5
38	43	59	46.0	56	14.0
40	45	61	48.0	58	14.0
43	48	64	51.0	61	14.0
45	50	66	55.0	63	14.0
48	53	69	55.0	66	14.0
50	55	71	58.0	70	15.0
53	58	78	60.0	73	15.0
55	60	79	60.0	75	15.0
58	63	83	60.0	78	15.0
60	65	85	60.0	80	15.0
63	68	88	60.0	83	15.0
65	70	90	61.0	85	15.0
70	75	98	63.0	92	18.0
75	80	105	68.0	97	18.0
80	85	109	68.0	105	18.2

FEATURES & BENEFITS:

- ▶ Single Seal
- ▶ Balanced
- ▶ Conical Spring
- ▶ Uni-Directional
- ▶ To DIN 24960

OPERATING LIMITS:

- ▶ $d_1 = 10 - 80$ mm
- ▶ $p_1 = 2.4$ Mpa
- ▶ $t = -35 - 160^\circ\text{C}$
- ▶ $V_g = 15$ m/s

STANDARD MATERIALS OF CONSTRUCTION:

- ▶ **Faces:**
 - ▶ Carbon Graphite (Rs642), Silicon Carbide (RS647), Tungsten Carbide (Rs647)
- ▶ **Stationary Seats:**
 - ▶ Silicon Carbide, Alumina Ceramic, Carbon Graphite, Cr-Mo Steel
- ▶ **Springs, Face Housings:**
 - ▶ AISI 304, 316
- ▶ **Secondary Bellow Seals:**
 - ▶ EPDM, FEP, FPM, FEPM

STATIONARY SEATS:

- ▶ Gs9, Gs92 (to DIN 24960)