



Stainless steel

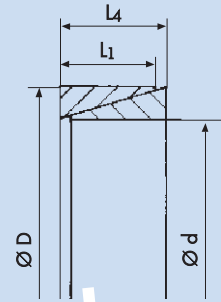
Advantages

- corrosion resistant
- limited radial space requirements
- excellent for limited torque applications

Shaft sizes up to 80 mm
Torque up to 1.267 Nm

Tolerances

d	Shaft	Hub bore
≤ 38	h6	H7
≥ 38	h8	H8



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Technical Data and Dimensions

Locking Elements				Necessary locking force for screws F N	Transmissible Torque with		Axial Force with	
Ø d mm	Ø D mm	L ₁ mm	L ₄ mm		1 Locking Element T Nm	2 Locking Elements T Nm	1 Locking Element F _{ax} kN	2 Locking Elements F _{ax} kN
14	18	5,3	6,3	23.800	14	21	1.960	2.940
15	19	5,3	6,3	24.250	16	24	2.100	3.150
16	20	5,3	6,3	24.500	18	27	2.230	3.345
17	21	5,3	6,3	24.850	20	30	2.380	3.570
18	22	5,3	6,3	25.300	23	34	2.520	3.780
19	24	5,3	6,3	29.700	25	37	2.650	3.975
20	25	5,3	6,3	30.050	28	42	2.800	4.200
22	26	5,3	6,3	28.850	34	51	3.080	4.620
24	28	5,3	6,3	29.950	41	61	3.360	5.040
25	30	5,3	6,3	32.400	44	66	3.450	5.175
28	32	5,3	6,3	32.600	55	82	3.900	5.850
30	35	5,3	6,3	35.500	63	94	4.200	6.300
32	36	5,3	6,3	36.650	71	106	4.450	6.675
35	40	6,0	7	45.700	97	145	5.550	8.325
36	42	6,0	7	48.200	103	154	5.700	8.550
38	44	6,0	7	49.700	114	171	6.000	9.000
40	45	6,6	8	58.800	139	208	6.950	10.425
42	48	6,6	8	62.600	153	229	7.200	10.800
45	52	8,6	10	92.150	230	345	10.200	15.300
48	55	8,6	10	94.600	261	391	10.900	16.350
50	57	8,6	10	96.500	284	426	11.300	16.950
55	62	8,6	10	101.800	343	514	12.500	18.750
56	64	10,4	12	128.400	431	646	15.400	23.100
60	68	10,4	12	133.400	494	741	16.500	24.750
63	71	10,4	12	137.300	546	819	17.300	25.950
65	73	10,4	12	140.400	581	871	17.900	26.850
70	79	12,2	14	176.000	784	1.176	22.400	33.600
71	80	12,2	14	178.000	812	1.218	22.800	34.200
75	84	12,2	14	189.600	903	1.354	24.100	36.150
80	91	15,0	17	251.000	1.267	1.900	31.500	47.250

Additional diameters available upon request. Technical Specifications subject to change without notice.

Order data:

50 x 57 PSV 3001-R
d x D Type

Applications

- pumps for waste disposal
- industrial washing machines
- cover mounting
- similar applications with space restrictions

Technical Details

- self-releasing
- tolerances Ø d h8
- surface roughness
R_a max 6µm for shaft and hub