

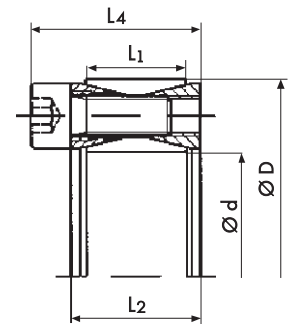
Locking Assembly PSV 2001



Advantages

- cost effective
- flexible use

Shaft sizes up to 200 mm
Torque up to 53.000 Nm



Technical Data and Dimensions

Locking Assembly Dimensions					Transmissible Torque T Nm	Axial Force F _{ax} kN	Contact surface pressure between locking assembly and		Locking screws G DIN 912	Tightening torque of screws T _A Nm
Ø d mm	Ø D mm	L ₁ mm	L ₂ mm	L ₄ mm			Shaft P _w N/mm ²	Hub P _N N/mm ²		
19	47	17	20	26	260	27	220	90	M6	16
20	47	17	20	26	270	27	210	90	M6	16
22	47	17	20	26	280	27	210	100	M6	16
24	50	17	20	26	360	30	210	100	M6	16
25	50	17	20	26	380	30	210	100	M6	16
28	55	17	20	26	420	34	200	100	M6	16
30	55	17	20	26	450	34	190	100	M6	16
32	60	17	20	26	640	40	210	110	M6	16
35	60	17	20	26	700	40	200	110	M6	16
38	65	17	20	26	890	47	200	120	M6	16
40	65	17	20	26	940	47	200	120	M6	16
42	75	20	24	32	1.540	73	230	130	M8	38
45	75	20	24	32	1.650	73	210	130	M8	38
48	80	20	24	32	1.760	73	190	110	M8	38
50	80	20	24	32	1.830	73	190	120	M8	38
55	85	20	24	32	2.350	85	200	130	M8	38
60	90	20	24	32	2.560	85	180	120	M8	38
65	95	20	24	32	3.170	98	190	130	M8	38
70	110	24	28	38	4.700	134	210	130	M10	75
75	115	24	28	38	5.000	134	190	130	M10	75
80	120	24	28	38	5.300	134	180	120	M10	75
85	125	24	28	38	6.500	154	200	130	M10	75
90	130	24	28	38	6.900	154	180	130	M10	75
95	135	24	28	38	8.200	173	200	140	M10	75
100	145	26	33	45	9.900	197	200	140	M12	130
110	155	26	33	45	10.800	187	180	130	M12	130
120	165	26	33	45	13.500	226	190	140	M12	130
130	180	34	38	50	18.300	282	170	120	M12	130
140	190	34	38	50	21.700	310	170	130	M12	130
150	200	34	38	50	25.300	338	170	130	M12	130
160	210	34	38	50	29.300	367	170	130	M12	130
170	225	38	44	58	33.000	389	160	120	M14	210
180	235	38	44	58	38.000	424	170	130	M14	210
190	250	46	52	66	47.000	495	150	110	M14	210
200	260	46	52	66	53.000	531	160	120	M14	210

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

Order data:

20 x 47 PSV 2001
d x D Type

Applications

- pulleys
- gearboxes
- conveyors
- handling and automation systems
- similar applications requiring a high degree of flexibility

Technical Details

- not self-centering
- tolerances H9/h9
- surface roughness R_a max 16µm for shaft and hub