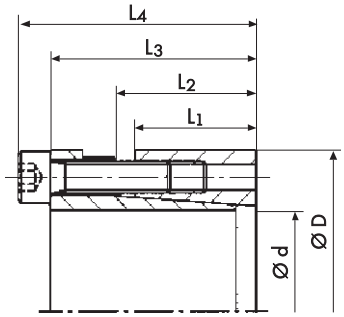
Locking Assembly **PSV 2007**

Advantages

- excellent usage of space
- high torque values

Shaft sizes up to 180 mm
Torque up to 57.700 Nm



Technical Data and Dimensions

Locking Assembly Dimensions						Transmissible Torque	Axial Force	Conctact surface pressure between locking assembly and		Locking screws	Tightening torque of screws
								Shaft	Hub		
Ø d mm	Ø D mm	L_1 mm	L_2 mm	L_3 mm	L_4 mm	T Nm	F_{ax} kN	p_W N/mm²	p_N N/mm²	G DIN 912	T_A Nm
19	47	26	31	39	45	350	31	230	100	M6	17
20	47	26	31	39	45	380	33	230	100	M6	17
22	47	26	31	39	45	430	33	220	90	M6	17
24	50	26	31	39	45	520	50	220	100	M6	17
25	50	26	31	39	45	580	50	230	100	M6	17
28	55	26	31	39	45	690	50	220	110	M6	17
30	55	26	31	39	45	750	50	200	120	M6	17
32	60	26	31	39	45	910	67	230	110	M6	17
35	60	26	31	39	45	1.000	67	200	120	M6	17
38	65	26	31	39	45	1.200	67	210	120	M6	17
40	65	26	31	39	45	1.300	67	200	120	M6	17
42	75	30	36	47	55	2.100	67	230	140	M8	41
45	75	30	36	47	55	2.300	92	230	140	M8	41
48	80	30	36	47	55	2.500	110	210	130	M8	41
50	80	30	36	47	55	2.500	120	210	130	M8	41
55	85	30	36	47	55	3.100	120	220	140	M8	41
60	90	30	36	47	55	3.300	120	200	150	M8	41
65	95	30	36	47	55	4.000	120	210	140	M8	41
70	110	40	46	57	67	6.700	190	220	140	M10	83
75	115	40	46	62	72	7.400	190	210	140	M10	83
80	120	40	46	62	72	7.900	190	200	130	M10	83
85	125	40	46	62	72	9.500	240	210	140	M10	83
90	130	40	46	62	72	10.100	240	200	140	M10	83
95	135	40	46	62	72	11.900	240	210	150	M10	83
100	145	46	52	77	89	15.400	280	210	150	M12	145
110	155	46	52	77	89	16.900	280	190	140	M12	145
120	165	46	52	77	89	22.100	350	210	150	M12	145
130	180	46	52	77	89	23.600	420	190	140	M12	145
140	190	51	59	84	98	30.200	450	190	140	M14	230
150	200	51	59	84	98	36.400	490	200	150	M14	230
160	210	51	59	84	98	42.700	530	180	140	M14	230
180	235	51	59	84	98	57.700	640	190	150	M14	230

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

Order data:

20	**x**	**47**	**PSV 2007**
d	x	D	Type

Applications

- sprockets
- conveyor drums
- similar applications requiring a strong and economical connection
- conveying equipment
- pulleys

Technical Details

- self-centering
- tolerances H8/h8
- surface roughness R_t max 16µm for shaft and hub