

Locking Assembly dimensions							Transmissible torques or axial forces		Surface Pressure		Locking screws DIN EN ISO 4762-12.9			Weight	min. D _N *			T _{max} lb-ft	
d x D	d	C ₁	D	C ₂	L	I	L ₁	T	F _{ax}	Shaft P _w	Hub P _N	n	Thread d _G	T _A	WT	Rp0,2[psi]			
mm	Inch						lb-ft	lbs	psi			mm	lb-ft	lbs	Inch				
19 x 47	0.748		1.850		0.787	0.669	1.083	229	6745	39162	15955	8	M6 x 18	13	0.5	2.680	2.476	2.280	258
20 x 47	0.787		1.850		0.787	0.669	1.083	236	6745	37712	15955	8	M6 x 18	13	0.5	2.680	2.476	2.280	273
22 x 47	0.866	0 -0.002	1.850	0 +0.002	0.787	0.669	1.083	266	6745	34811	15955	8	M6 x 18	13	0.5	2.680	2.476	2.280	302
24 x 50	0.945		1.969		0.787	0.669	1.083	317	6745	34811	17405	9	M6 x 18	13	0.6	2.961	2.711	2.474	369
25 x 50	0.984		1.969		0.787	0.669	1.083	339	6745	33360	17405	9	M6 x 18	13	0.6	2.961	2.711	2.474	384
28 x 55	1.102		2.165		0.787	0.669	1.083	420	8993	33360	17405	9	M6 x 18	13	0.7	3.256	2.981	2.721	435
30 x 55	1.181		2.165		0.787	0.669	1.083	443	8993	30459	17405	9	M6 x 18	13	0.6	3.256	2.981	2.721	465
32 x 60	1.260		2.362		0.787	0.669	1.083	561	11241	33360	18856	12	M6 x 18	13	0.7	3.691	3.347	3.028	664
35 x 60	1.378		2.362		0.787	0.669	1.083	627	11241	31910	18856	12	M6 x 18	13	0.7	3.691	3.347	3.028	723
38 x 65	1.496		2.559		0.787	0.669	1.083	775	13489	33360	18856	15	M6 x 18	13	0.8	3.999	3.627	3.280	959
40 x 65	1.575	0 -0.0025	2.559	0 +0.0025	0.787	0.669	1.083	819	13489	31910	18856	15	M6 x 18	13	0.7	3.999	3.627	3.280	1033
42 x 75	1.654		2.953		0.945	0.787	1.319	1291	17986	39162	21757	12	M8 x 22	30	1.3	5.005	4.441	3.940	1549
45 x 75	1.772		2.953		0.945	0.787	1.319	1387	17986	36261	21757	12	M8 x 22	30	1.3	5.005	4.441	3.940	1697
48 x 80	1.890		3.150		0.945	0.787	1.319	1468	17986	33360	20306	12	M8 x 22	30	1.4	5.123	4.597	4.119	1770
50 x 80	1.969		3.150		0.945	0.787	1.319	1527	17986	31910	20306	12	M8 x 22	30	1.3	5.123	4.597	4.119	1844
55 x 85	2.165		3.346		0.945	0.787	1.319	1955	22482	33360	21757	14	M8 x 22	30	1.4	5.671	5.032	4.465	2434
60 x 90	2.362		3.543		0.945	0.787	1.319	2132	22482	30459	20306	14	M8 x 22	30	1.5	5.762	5.171	4.633	2655
65 x 95	2.559	0 -0.003	3.740	0 +0.003	0.945	0.787	1.319	2626	24730	31910	21757	16	M8 x 22	30	1.6	6.338	5.624	4.991	3246
70 x 110	2.756		4.331		1.102	0.945	1.555	4020	35971	36261	21757	14	M10 x 25	61	2.8	7.340	6.513	5.779	4942
75 x 115	2.953		4.528		1.102	0.945	1.555	4286	35971	33360	21757	14	M10 x 25	61	2.9	7.674	6.809	6.042	5311
80 x 120	3.150		4.724		1.102	0.945	1.555	4544	35971	30459	20306	14	M10 x 25	61	3.1	7.682	6.894	6.178	5680
85 x 125	3.346		4.921		1.102	0.945	1.555	5495	40468	33360	21757	16	M10 x 25	61	3.3	8.340	7.400	6.567	6860
90 x 130	3.543		5.118		1.102	0.945	1.555	5768	40468	30459	21757	16	M10 x 25	61	3.4	8.674	7.697	6.829	7303
95 x 135	3.740	0 -0.0035	5.315	0 +0.0035	1.102	0.945	1.555	6904	44964	33360	23207	18	M10 x 25	61	3.6	9.403	8.242	7.239	8630
100 x 145	3.937		5.709		1.299	1.024	1.850	8188	49460	33360	23207	14	M12 x 30	107	4.4	10.100	8.853	7.775	10474
110 x 155	4.331		6.102		1.299	1.024	1.850	8984	49460	30459	21757	14	M12 x 30	107	4.7	10.341	9.176	8.142	11655
120 x 165	4.724		6.496		1.299	1.024	1.850	11212	58453	31910	23207	16	M12 x 30	107	5.2	11.492	10.073	8.847	14531
130 x 180	5.118		7.087		1.496	1.339	2.047	15048	71942	27559	18856	20	M12 x 35	107	7.7	11.076	10.044	9.084	19621
140 x 190	5.512		7.480		1.496	1.339	2.047	17851	78687	27559	21757	22	M12 x 35	107	8.5	12.677	11.249	9.981	23235
150 x 200	5.906	0 -0.004	7.874	0 +0.004	1.496	1.339	2.047	20654	85432	29009	21757	24	M12 x 35	107	9.0	13.344	11.841	10.507	27145
160 x 210	6.299		8.268		1.496	1.339	2.047	23973	89928	29009	21757	26	M12 x 35	107	9.5	14.012	12.434	11.033	31423
170 x 225	6.693		8.858		1.732	1.496	2.362	29284	105685	27559	21757	22	M14 x 40	170	13	15.012	13.321	11.820	38947
180 x 235	7.087		9.252		1.732	1.496	2.362	33710	112410	29009	21757	24	M14 x 40	170	13	15.680	13.914	12.346	44996
190 x 250	7.480		9.843		2.047	1.811	2.677	41529	134892	26108	20306	28	M14 x 45	170	18	16.007	14.365	12.872	55396
200 x 260	7.874	0 -0.0045	10.236	0 +0.0045	2.047	1.811	2.677	46840	143885	26108	20306	30	M14 x 45	170	19	16.646	14.938	13.386	62478
220 x 285	8.661		11.220		2.205	1.969	2.913	60339	168615	26108	20306	26	M16 x 50	262	25	18.246	16.375	14.672	80550
240 x 305	9.449		12.008		2.205	1.969	2.913	75903	193345	27559	21757	30	M16 x 50	262	27	20.350	18.058	16.023	101351
260 x 325	10.236	0 -0.005	12.795	0 +0.005	2.205	1.969	2.913	92204	215827	29009	23207	34	M16 x 50	262	29	22.636	19.841	17.426	124439
280 x 355	11.024		13.976		2.598	2.362	3.406	112858	247302	24658	20306	32	M18 x 60	358	42	22.728	20.397	18.276	154239
300 x 375	11.811		14.764		2.598	2.362	3.406	134987	274281	26108	20306	36	M18 x 60	358	45	24.010	21.547	19.307	185958
320 x 405	12.598		15.945		3.071	2.835	3.957	184409	350719	26108	20306	36	M20 x 70	509	65	25.930	23.270	20.851	252124
340 x 425	13.386		16.732		3.071	2.835	3.957	196580	350719	24658	20306	36	M20 x 70	509	69	27.210	24.419	21.880	267909
360 x 455	14.173	0 -0.0055	17.913	0 +0.0055	3.543	3.307	4.567	258541	436151	24658	20306	36	M22 x 80	686	93	29.131	26.142	23.425	350303
380 x 475	14.961		18.701		3.543	3.307	4.567	270712	433903	23207	18856	36	M22 x 80	686	97	29.227	26.503	23.971	369776
400 x 495	15.748		19.488		3.543	3.307	4.567	283252	431655	23207	18856	36	M22 x 80	686	101	30.457	27.619	24.980	389250
420 x 515	16.535		20.276		3.543	3.307	4.567	328985	476619	23207	18856	40	M22 x 80	686	110	31.688	28.735	25.990	454088
440 x 545	17.323		21.457		4.016	3.780	5.118	402011	555306	23207	18856	40	M24 x 90	885	142	33.534	30.409	27.504	559275
460 x 565	18.110	0 -0.006	22.244	0 +0.006	4.016	3.780	5.118	416764	550809	21757	17405	40	M24 x 90	885	149	33.451	30.630	27.954	584723
480 x 585	18.898		23.031		4.016	3.780	5.118	457334	580036	21757	17405	42	M24 x 90	885	157	34.634	31.714	28.943	640636
500 x 605	19.685		23.819		4.016	3.780	5.118	494215	602518	21757	17405	44	M24 x 90	885	160	35.819	32.799	29.933	699130
520 x 630	20.472		24.803		4.016	3.780	5.118	520033	609263	21032	17405	45	M24 x 90	885	176	37.299	34.154	31.169	743610
540 x 650	21.260	0 -0.007	25.591	0 +0.007	4.016	3.780	5.118	539211	608813	20306	16680	45	M24 x 90	885	181	37.767	34.742	31.845	772230
560 x 670	22.047		26.378		4.016	3.780	5.118	595271	647932	20306	17405	48	M24 x 90	885	187	39.668	36.322	33.149	854181