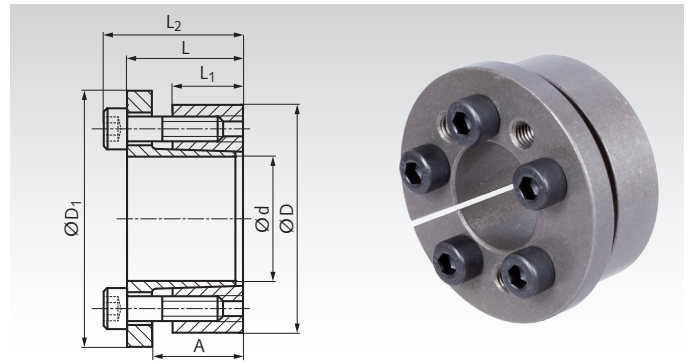


Locking Assemblies COM-CB3

Material: Steel.

- For fixing a hub (e.g. drive wheel, rotor or similar) on a shaft.
- 3 Ranges of sizes, for middle, higher and very high torques.
- Compact size in axial direction.
- Self-centering.
- Self-locking.
- No axial movement during mounting.

Ordering Details: e.g.: Product No. 61557714, Locking Assembly COM-CB3, 14 mm



Product No.	d	D	L	A	L ₁	L ₂	D ₁	T	F _{ax}	P _w	P _N	Screw 12.9	T _A	Weight
Light series	mm	mm	mm	mm	mm	mm	mm	Nm	kN	N/mm ²	N/mm ²	Number x Size	Nm	kg
615 577 14	14	55	30	22	17	38	62	218	42	351	89	3 x M8	41	0,49
615 577 14A	14	55	30	22	17	38	62	290	42	468	119	4 x M8	41	0,49
615 577 16	16	55	30	22	17	38	62	255	42	308	89	3 x M8	41	0,48
615 577 16A	16	55	30	22	17	38	62	340	42	410	119	4 x M8	41	0,48
615 577 18	18	55	30	22	17	38	62	285	42	273	89	3 x M8	41	0,47
615 577 18A	18	55	30	22	17	38	62	380	42	364	119	4 x M8	41	0,47
615 577 19	19	55	30	22	17	38	62	300	42	259	89	3 x M8	41	0,47
615 577 19A	19	55	30	22	17	38	62	400	42	345	119	4 x M8	41	0,47
615 577 20	20	55	30	22	17	38	62	315	42	246	89	3 x M8	41	0,46
615 577 20A	20	55	30	22	17	38	62	420	42	328	119	4 x M8	41	0,46
615 577 22	22	55	30	22	17	38	62	345	42	224	89	3 x M8	41	0,45
615 577 22A	22	55	30	22	17	38	62	460	42	298	119	4 x M8	41	0,45
615 577 24	24	55	30	22	17	38	62	375	42	205	89	3 x M8	41	0,43
615 577 24A	24	55	30	22	17	38	62	500	42	273	119	4 x M8	41	0,43
615 577 25	25	55	30	22	17	38	62	398	42	197	89	3 x M8	41	0,42
615 577 25A	25	55	30	22	17	38	62	530	42	262	119	4 x M8	41	0,42
615 577 28	28	55	30	22	17	38	62	443	42	176	89	3 x M8	41	0,40
615 577 28A	28	55	30	22	17	38	62	590	42	234	119	4 x M8	41	0,40
615 577 30	30	55	30	22	17	38	62	473	42	164	89	3 x M8	41	0,38
615 577 30A	30	55	30	22	17	38	62	630	42	219	119	4 x M8	41	0,38
Medium series														
615 578 24	24	65	30	22	17	38	72	630	53	342	126	5 x M8	41	0,63
615 578 25	25	65	30	22	17	38	72	660	53	328	126	5 x M8	41	0,62
615 578 28	28	65	30	22	17	38	72	740	53	293	126	5 x M8	41	0,59
615 578 30	30	65	30	22	17	38	72	790	53	273	126	5 x M8	41	0,57
615 578 32	32	65	30	22	17	38	72	840	53	256	126	5 x M8	41	0,56
615 578 35	35	65	30	22	17	38	72	920	53	234	126	5 x M8	41	0,52
615 578 38	38	65	30	22	17	38	72	1000	53	216	126	5 x M8	41	0,49
615 578 40	40	65	30	22	17	38	72	1050	53	205	126	5 x M8	41	0,47
Heavy series														
615 579 30	30	80	33	25	20	41	87	1100	74	325	122	7 x M8	41	1,02
615 579 32	32	80	33	25	20	41	87	1180	74	305	122	7 x M8	41	1,01
615 579 35	35	80	33	25	20	41	87	1290	74	279	122	7 x M8	41	0,98
615 579 38	38	80	33	25	20	41	87	1400	74	257	122	7 x M8	41	0,94
615 579 40	40	80	33	25	20	41	87	1470	74	244	122	7 x M8	41	0,91
615 579 42	42	80	33	25	20	41	87	1540	74	232	122	7 x M8	41	0,88
615 579 45	45	80	33	25	20	41	87	1650	74	217	122	7 x M8	41	0,84
615 579 48	48	80	33	25	20	41	87	1760	74	203	122	7 x M8	41	0,78
615 579 50	50	80	33	25	20	41	87	1840	74	195	122	7 x M8	41	0,74

T = transmittable torque at $F_{ax} = 0$.

F_{ax} = transmittable axial force at $T = 0$.

P_w = surface pressure onto the shaft.

P_N = surface pressure onto the hub.

T_A = fastening torque of the screws.

Fit

Shaft h8, Hub H8.
Surface roughness R_z
max. 12.5 μm .

Mounting

Slightly oil the locking assembly before mounting, do not use molybdenum disulphide or grease. Tighten the screws evenly and crosswise in several steps.

Demounting

Remove all tensioning screws and screw them into the (usually unused) forcing thread of the front flange, until the flange is released.