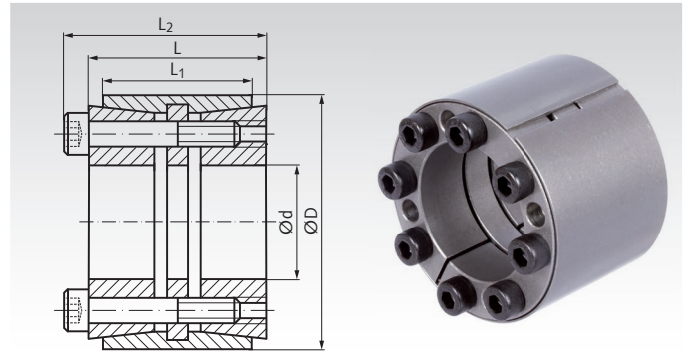


Locking Assemblies COM-LL

Material: Steel.

- For fixing a hub (e.g. drive wheel, rotor or similar) on a shaft.
- For very high torques.
- Self-centering.
- Self-locking.
- Axial movement during mounting.



Ordering Details: e.g.: Product No. 615 513 25, Locking Assembly COM-LL, 25 mm

Product No.	d mm	D mm	L mm	L ₁ mm	L ₂ mm	at T _A transmittable		Surface Pressure		Screws DIN 912 12.9 Number x Size	Weight kg	
						T Nm	F _{ax} kN	Shaft P _w N/mm ²	Hub P _N N/mm ²			T _A Nm
615 513 25	25	50	45	39	51	900	70	245	122	6 x M6	17	0,50
615 513 28	28	55	45	39	51	1010	70	219	111	8 x M6	17	0,60
615 513 30	30	55	45	39	51	1100	70	204	111	8 x M6	17	0,60
615 513 35	35	60	45	39	51	1340	76	175	102	8 x M6	17	0,70
615 513 38	38	65	45	39	51	1810	120	161	94	8 x M6	17	0,70
615 513 40	40	65	45	39	51	1920	120	153	94	8 x M6	17	0,70
615 513 42	42	75	64	56	72	2970	141	188	105	8 x M8	41	1,00
615 513 45	45	75	64	56	72	3150	141	175	105	8 x M8	41	0,90
615 513 48	48	80	64	56	72	4000	166	164	98	8 x M8	41	1,40
615 513 50	50	80	64	56	72	4150	192	159	102	8 x M8	41	1,26
615 513 55	55	85	64	56	72	4550	220	140	93	8 x M8	41	1,36
615 513 60	60	90	64	56	72	6200	249	170	117	10 x M8	41	1,46
615 513 65	65	95	64	56	72	6750	256	163	114	10 x M8	41	1,55
615 513 70	70	110	78	70	88	11550	371	188	123	10 x M10	83	2,9
615 513 75	75	115	78	70	88	12350	401	162	109	10 x M10	83	3,0
615 513 80	80	120	78	70	88	15800	463	200	137	12 x M10	83	3,3
615 513 85	85	125	78	70	88	16800	472	179	125	12 x M10	83	3,4
615 513 90	90	130	78	70	88	17800	472	172	122	12 x M10	83	3,5
615 513 95	95	135	78	70	88	18800	486	163	118	12 x M10	83	3,7
615 513 99	100	145	100	90	112	28800	660	168	119	12 x M12	145	5,5

More sizes up to d=300mm for 524,000Nm are available.

Price and delivery time on request.

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.