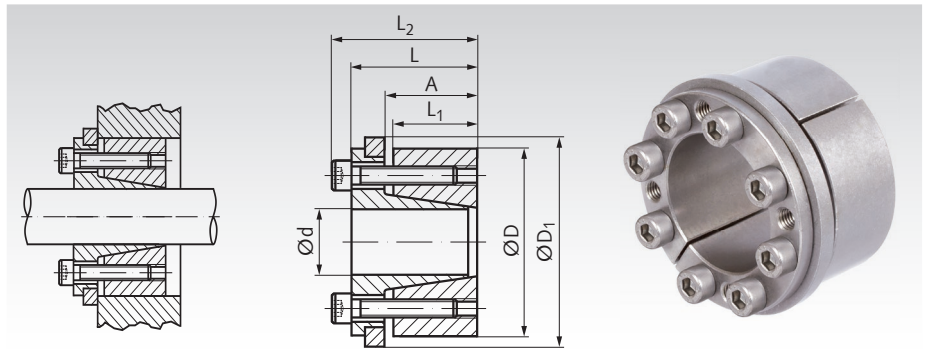


Locking Assemblies COM-C, Stainless

Material: Stainless steel 1.4401 (AISI 316).

- For fixing a hub (e.g. drive wheel, rotor or similar) on a shaft.
- For medium torques.
- Self-centering.
- No axial offset.

Concentricity: 0.02 to 0.04 mm.



Ordering Details: e.g.: Product No. 615 971 20,
Locking Assembly COM-C, stainless, 20 mm

Product No.	d mm	D mm	L ₁ mm	A mm	L mm	L ₂ mm	D ₁ mm	at T _A transmittable		Surface Pressure		Screws DIN 912 A2-70 Number x size	T _A Nm	Weight kg
								T Nm	F _{ax} kN	P _w N/mm ²	P _N N/mm ²			
615 971 20	20	47	26	30	39	45	53	152	15	78	34	6 x M6 x 22	8	0,39
615 971 24	24	50	26	30	39	45	56	180	15	65	31	6 x M6 x 22	8	0,45
615 971 25	25	50	26	30	39	45	56	190	15	63	31	6 x M6 x 22	8	0,44
615 971 30	30	55	26	30	39	45	61	230	15	51	29	6 x M6 x 22	8	0,45
615 971 35	35	60	26	30	39	45	66	355	20	60	36	8 x M6 x 22	8	0,53
615 971 40	40	65	26	30	39	45	71	400	20	54	31	8 x M6 x 22	8	0,60
615 971 45	45	75	30	35	47	55	81	605	28	54	32	6 x M8 x 30	18	0,98
615 971 50	50	80	30	35	47	55	86	900	37	47	30	6 x M8 x 30	18	1,00
615 971 60	60	90	30	35	47	55	96	1080	37	53	36	8 x M8 x 30	18	1,20

More sizes up to d=180mm for 18,000Nm 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.

Hub Calculation and Selection Tool
 on the Internet at www.maedler.de
 in the section **MÄDLER®-Tools**

Fit

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

Mounting

Slightly oil the locking assembly
 before mounting, do not use MoS2
 or grease.
 Tighten the screws evenly and
 crosswise in several steps to the set
 torque.

Demounting

Remove all tensioning screws and screw them into the unused forcing
 threads of the front flange evenly and crosswise in several steps, until
 the flange is released.