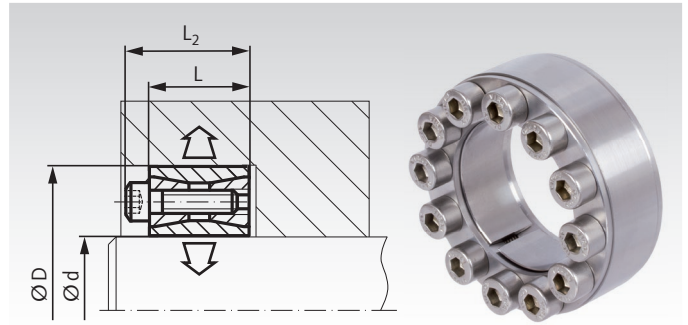


Locking Assemblies COM-A, Stainless

Material: Stainless steel 1.4401 (AISI 316).



- For fixing a hub (e.g. V-belt pulley or similar) on a shaft.
- For low torques.
- Not self-centering.
- Self-releasing at dismounting.
- No axial movement during mounting.



Ordering Details: e.g.: Product No. 615 995 14, Locking Assembly COM-A, stainless, 14 mm

| Product No. | d mm | D mm | L mm | L ₂ mm | T Nm | F _{ax} kN | P _w N/mm ² | P _N N/mm ² | Screw A2-70 Number x Size | T _A Nm | Weight kg |
|-------------|---------|---------|---------|----------------------|---------|-----------------------|-------------------------------------|-------------------------------------|------------------------------|----------------------|--------------|
| 615 995 14 | 14 | 42 | 20 | 26 | 95 | 14 | 154 | 51 | 8 x M6 | 8 | 0,18 |
| 615 995 15 | 15 | 42 | 20 | 26 | 95 | 14 | 148 | 53 | 8 x M6 | 8 | 0,18 |
| 615 995 16 | 16 | 44 | 20 | 26 | 100 | 14 | 135 | 53 | 8 x M6 | 8 | 0,18 |
| 615 995 17 | 17 | 44 | 20 | 26 | 105 | 14 | 125 | 49 | 8 x M6 | 8 | 0,18 |
| 615 995 18 | 18 | 47 | 20 | 26 | 110 | 13 | 102 | 43 | 8 x M6 | 8 | 0,22 |
| 615 995 19 | 19 | 47 | 20 | 26 | 130 | 15 | 119 | 50 | 8 x M6 | 8 | 0,22 |
| 615 995 20 | 20 | 47 | 20 | 26 | 160 | 16 | 124 | 52 | 8 x M6 | 8 | 0,21 |
| 615 995 22 | 22 | 47 | 20 | 26 | 180 | 16 | 107 | 48 | 8 x M6 | 8 | 0,21 |
| 615 995 24 | 24 | 50 | 20 | 26 | 215 | 17 | 114 | 54 | 8 x M6 | 8 | 0,22 |
| 615 995 25 | 25 | 50 | 20 | 26 | 230 | 17 | 108 | 54 | 8 x M6 | 8 | 0,22 |
| 615 995 28 | 28 | 55 | 20 | 26 | 300 | 19 | 110 | 55 | 10 x M6 | 8 | 0,27 |
| 615 995 30 | 30 | 55 | 20 | 26 | 330 | 19 | 97 | 52 | 10 x M6 | 8 | 0,25 |
| 615 995 32 | 32 | 60 | 20 | 26 | 420 | 23 | 112 | 60 | 12 x M6 | 8 | 0,30 |
| 615 995 35 | 35 | 60 | 20 | 26 | 520 | 23 | 104 | 60 | 12 x M6 | 8 | 0,29 |
| 615 995 38 | 38 | 65 | 20 | 26 | 650 | 26 | 107 | 62 | 14 x M6 | 8 | 0,33 |
| 615 995 40 | 40 | 65 | 20 | 26 | 700 | 26 | 101 | 61 | 14 x M6 | 8 | 0,32 |
| 615 995 45 | 45 | 75 | 24 | 32 | 750 | 37 | 105 | 62 | 12 x M8 | 18 | 0,53 |
| 615 995 50 | 50 | 80 | 24 | 32 | 1000 | 36 | 95 | 57 | 12 x M8 | 18 | 0,56 |
| 615 995 55 | 55 | 85 | 24 | 32 | 1400 | 43 | 106 | 68 | 14 x M8 | 18 | 0,65 |
| 615 995 60 | 60 | 90 | 24 | 32 | 1500 | 45 | 93 | 61 | 14 x M8 | 18 | 0,66 |
| 615 995 65 | 65 | 95 | 24 | 32 | 1800 | 48 | 98 | 66 | 16 x M8 | 18 | 0,72 |
| 615 995 70 | 70 | 110 | 28 | 38 | 2200 | 62 | 109 | 68 | 14 x M10 | 35 | 1,27 |
| 615 995 75 | 75 | 115 | 28 | 38 | 2400 | 68 | 93 | 60 | 14 x M10 | 35 | 1,33 |
| 615 995 80 | 80 | 120 | 28 | 38 | 2600 | 68 | 93 | 62 | 14 x M10 | 35 | 1,35 |

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. 16 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

Due to the cone angle, the locking assembly is usually released once all screws have been fully unfastened. There are three large auxiliary threads cut into the front ring, which serve to remove this ring.