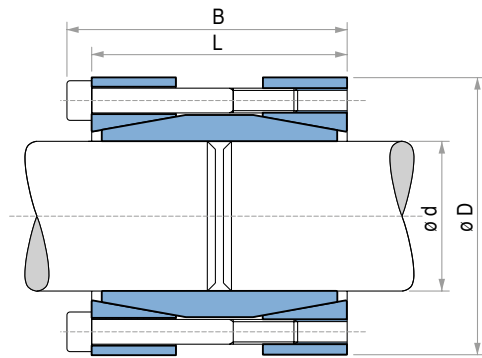
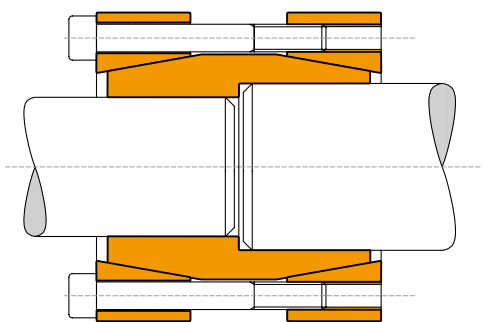


## Rigid coupling

# TLK 500



Standard version



Double diameter versions are available

## TLK 500 DIMENSIONS

Dimensions			Torque	Axial force	Tightening Screws		Weight
					DIN912 12.9	Tightening torque	
d x D mm	L mm	B mm	M <sub>t</sub> Nm	F <sub>ax</sub> N° x Type	N° x Type	M <sub>s</sub> Nm	Kg
17 x 50	50	56	200	24	4 x M6	17	0,5
18 x 50	50	56	220	24	4 x M6	17	0,5
19 x 50	50	56	230	24	4 x M6	17	0,5
20 x 50	50	56	240	24	4 x M6	17	0,5
22 x 55	60	66	260	24	4 x M6	17	0,6
24 x 55	60	66	290	24	4 x M6	17	0,6
25 x 55	60	66	450	36	6 x M6	17	0,6
28 x 60	60	66	510	36	6 x M6	17	0,7
30 x 60	60	66	550	36	6 x M6	17	0,7
32 x 75	60	68	720	45	4 x M8	41	1,3
35 x 75	75	83	790	45	4 x M8	41	1,3
38 x 75	75	83	850	45	4 x M8	41	1,3
40 x 75	75	83	900	45	4 x M8	41	1,3
42 x 90	75	83	1400	67	6 x M8	41	2,8
45 x 90	85	93	1520	67	6 x M8	41	2,5
48 x 90	85	93	1620	67	6 x M8	41	2,4
50 x 90	85	93	1690	67	6 x M8	41	2,3
55 x 105	85	93	2470	90	8 x M8	41	3,3
60 x 105	85	93	2710	90	8 x M8	41	3,2
65 x 105	85	93	2930	90	8 x M8	41	3,0
70 x 125	100	110	3770	107	6 x M10	83	5,4
75 x 125	100	110	4030	107	6 x M10	83	5,0
80 x 125	100	110	4300	107	6 x M10	83	4,7

For larger diameter or inch series please contact us.

### Characteristics

- Medium high torque
- Restricted number of tightening screws
- Easy installation
- Application economically advantageous

### Installation

Carefully clean the shafts contact surfaces. Fit the rigid coupling at the end of the connecting shafts. Tighten gradually and regularly in crossed sequence all screws to reach the tightening torque  $M_s$  indicated on the table.

### Dismantling

By loosening all tightening screws the clamping cones are normally released. However in case of difficulties slightly hammer the released screws in a way to push back the rear pressure cone.

### Tolerances, surface finish

A good surface finish by the machine tool is sufficient.

Maximum allowable surface finish:

Rt max 16  $\mu\text{m}$  (Ra 3  $\mu\text{m}$  - Rz 13  $\mu\text{m}$ )

Maximum permissible tolerances:

h8 for shaft