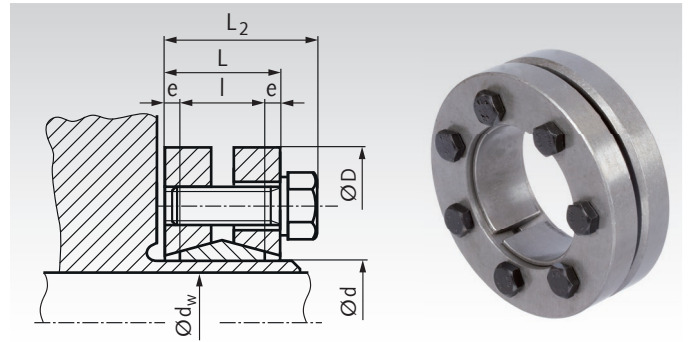


Shrink Disks ST-B

Material: Steel.

- For high torques.
- No axial shaft-hub movement.
- Quick mounting.
- Quick demounting.
- Not self-centering.



Ordering Details: e.g.: Product No. 615 870 14, Shrink Disk ST-B, Inner-Ø 14 mm

Product No.	Inner-Ø d mm	Shaft-Ø ¹⁾ d _w mm	Torque ²⁾ T Nm	Axial Load ²⁾ F _{ax} kN	D mm	l mm	L mm	L ₂ mm	e mm	Screws DIN 931 No. x Size	Fastening Torque T _A Nm	Contact- pressure P _N N/mm ²	Weight kg
615 870 14	14	11 12	30 50	6,3 9,2	38	7	11	14,5	2	4 x M5	4	193 179	0,10
615 870 16	16	13 14	70 90	10 13	41	11	15	18,5	2	5 x M5	4	133 131	0,10
615 870 24	24	19 20 21	170 200 240	26 26 28	50	14	19,5	23	2,75	6 x M5	4	292 272 277	0,21
615 870 30	30	24 25 26	300 340 370	29 31 32	60	16	21,5	25	2,75	7 x M5	4	231 235 226	0,32
615 870 36	36	28 30 31	440 550 610	50 56 60	72	18	23,5	27,5	2,75	5 x M6	12	307 295 319	0,48
615 870 44	44	32 35 36	660 800 830	63 75 75	80	20	25,5	29,5	2,75	7 x M6	12	314 323 307	0,64
615 870 50	50	38 40 42	980 1110 1150	78 82 83	90	22	27,5	31,5	2,75	8 x M6	12	301 277 292	0,80
615 870 55	55	42 45 48	1160 1550 1880	90 93 94	100	23	30,5	34,5	3,75	8 x M6	12	249 257 252	1,15
615 870 62	62	48 50 52	1850 1940 2300	97 105 110	110	23	30,5	34,5	3,75	10 x M6	12	293 290 265	1,30
615 870 68	68	50 55 60	2000 2300 2600	111 115 115	115	23	30,5	34,5	3,75	10 x M6	12	247 265 245	1,32
615 870 75	75	55 60 65	2500 3070 3470	123 124 132	138	25	32,5	38	3,75	7 x M8	30	284 262 270	1,70
615 870 80	80	60 65 70	3200 3900 4600	141 153 160	145	25	32,5	38	3,75	7 x M8	30	253 259 259	1,90
615 870 85	85	65 70 75	4200 4660 6000	165 170 191	155	30	39	44,5	4,5	10 x M8	30	276 279 279	3,50

¹⁾ Shaft-Ø of the customer's machine (for example). ²⁾ Transmittable values with shaft-Ø d_w of the customer's machine.

More sizes up to inner-Ø d=300mm, for shaft diameter 240mm and 292,000Nm are available.

Price and delivery time on request.

Mounting

Clean and slightly lubricate the contact surfaces of shaft and hub. Place clamping set on the hub. Fasten the tensioning screws evenly, step by step until the fastening torque T_A of the table is reached. To reach the value stated in the table several fastening steps are required. The figures for T and F_{ax} stated in the table were calculated for an assembly with oil.

Attention: Do not use any lubricant containing molybdenum sulphide.

Demounting: Evenly unscrew all tensioning screws one by one. Do not fully remove the screws from the thread. The clamping element usually disengages on its own.

Tolerances, Surface Roughness

One good turn is sufficient.

Highest permissible surface roughness: R_z=12.5µm.

Tolerances for d_w/d: H8/h8.