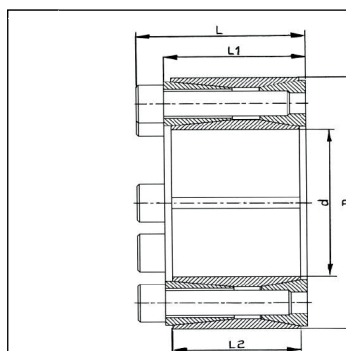


Locking Device

KBS 10



+ transmittable torque	high
surface pressure on hub	medium
self-centering	yes
axial movement of the hub during assembly	none
height D/d	high
overall length	long

Recommended finishing tolerances of contact surfaces are: shaft h8 / hub H8

Order Code

Steel

KBS 10 - 45 x 85

Type Ød ØD

Stainless steel

KBS 10 - 45 x 85 - VA

Type Ød ØD

chemically
nickel-plated

KBS 10 - 45 x 85 - NI

Type Ød ØD

Stainless steel
Special screws

KBS 10 - 45 x 85 - VAB

Type Ød ØD

Inner / Outer Ø dxD	Torque T Nm	Dimensions			Surface pressure on		Screws			Mass kg
		L mm	L 1 mm	L 2 mm	Shaft Pw N/mm²	Hub Pn N/mm²	No.	ISO 4762	TA Nm	
45 x 85	3140	60	50	44	278	148	8	M10x45	84	1.4
50 x 90	3470	60	50	44	253	141	8	M10x45	84	1.5
55 x 95	3800	60	50	44	223	130	8	M10x45	84	1.6
60 x 100	4130	60	50	44	208	125	8	M10x45	84	1.7
65 x 115	6520	74	62	56	230	130	8	M12x55	145	3.1
70 x 120	7000	74	62	56	205	120	8	M12x55	145	3.3
80 x 130	11900	74	62	56	269	165	12	M12x55	145	3.7
90 x 140	13300	74	62	56	240	154	12	M12x55	145	4.0
100 x 160	20100	94	80	74	217	136	12	M14x70	235	7.2
110 x 170	25400	94	80	74	231	154	14	M14x70	235	7.7
120 x 180	29600	94	80	74	227	151	15	M14x70	235	8.3
130 x 190	34000	94	80	74	223	153	16	M14x70	235	8.8
140 x 200	38800	94	80	74	219	153	17	M14x70	235	9.3
150 x 210	43900	94	80	74	217	155	18	M14x70	235	10.0
160 x 230	61400	110	94	88	218	152	17	M16x80	365	14.9
170 x 240	68900	110	94	88	217	154	18	M16x80	365	15.7
180 x 250	80300	110	94	88	227	164	20	M16x80	365	16.4
190 x 260	89500	110	94	88	227	166	21	M16x80	365	17.2
200 x 270	102000	110	94	88	235	174	23	M16x80	365	18.8
220 x 300	126000	134	116	110	194	142	21	M18x100	500	27.7
240 x 320	157000	134	116	110	203	152	24	M18x100	500	29.8
260 x 340	184000	134	116	110	203	155	26	M18x100	500	32.0
280 x 370	236000	156	136	130	197	149	24	M20x120	710	46.0
300 x 390	249000	156	136	130	182	140	24	M20x120	710	49.0