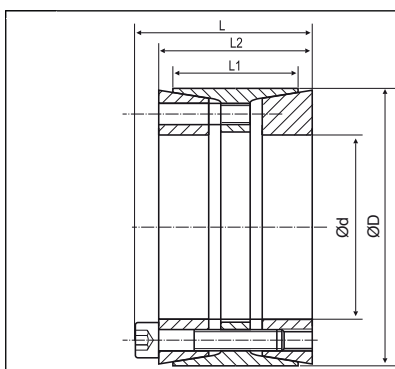


Fast Locking Assembly

KBS 18



transmittable torque	high
surface pressure on hub	medium
self-centering	yes
axial movement of the hub during assembly	conditionally
height D/d	high
overall length	medium

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

Order Code

Steel

KBS 18 - 130 x 180

Type Ød ØD

Stainless steel

KBS 18 - 130 x 180 - VA

Type Ød ØD

chemically
nickel-plated

KBS 18 - 130 x 180 - NI

Type Ød ØD

Stainless steel
Special screws

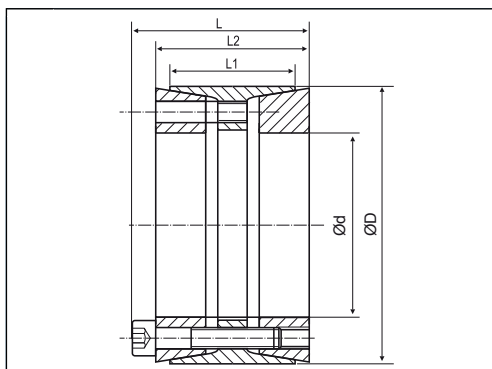
KBS 18 - 130 x 180 - VAB

Type Ød ØD

Inner / Outer Ø dxD	Torque T Nm	Dimensions			Surface pressure on		Screws			Mass kg
		L mm	L1 mm	L2 mm	Shaft Pw N/mm²	Hub Pn N/mm²	No.	ISO 4762	TA Nm	
30 x 55	770	42	30	36	208	89	6	M6	17	0.4
35 x 65	1200	48	34	42	194	88	8	M6	17	0.7
40 x 70	1550	48	34	42	191	92	9	M6	17	0.7
45 x 75	1940	48	34	42	189	95	10	M6	17	0.8
50 x 85	3130	58	42	50	202	98	8	M8	41	1.3
55 x 90	3870	58	42	50	206	104	9	M8	41	1.4
60 x 95	4230	58	42	50	189	99	9	M8	41	1.5
65 x 100	5090	58	42	50	194	104	10	M8	41	1.6
70 x 110	7300	72	50	62	197	125	8	M10	83	2.3
75 x 115	7800	72	50	62	184	120	8	M10	83	2.4
80 x 120	10400	72	50	62	216	144	10	M10	83	2.5
85 x 125	11100	72	50	62	203	138	10	M10	83	2.6
90 x 130	12900	72	50	62	211	146	11	M10	83	2.7
95 x 135	13600	72	50	62	200	141	11	M10	83	2.9
100 x 145	19400	84	60	72	215	148	10	M12	145	4.1
110 x 155	21400	84	60	72	195	138	10	M12	145	4.3
120 x 165	25600	84	60	72	197	143	11	M12	145	4.6
130 x 180	35300	93	65	81	205	148	14	M12	145	6.4

Locking Device

KBS 18



+ transmittable torque	high
surface pressure on hub	medium
self-centering	yes
axial movement of the hub during assembly	conditionally
height D/d	high
overall length	medium

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

Order Code

Steel

KBS 18 - 130 x 180

Type Ød ØD

Stainless steel

KBS 18 - 130 x 180 - VA

Type Ød ØD

chemically
nickel-plated

KBS 18 - 130 x 180 - NI

Type Ød ØD

Stainless steel
Special screws

KBS 18 - 130 x 180 - VAB

Type Ød ØD

Inner / Outer Ø dxD	Torque T Nm	Dimensions			Surface pressure on		Screws			Mass kg
		L mm	L1 mm	L2 mm	Shaft Pw N/mm²	Hub Pn N/mm²	No.	ISO 4762	TA Nm	
140 x 190	40800	94	65	82	204	151	15	M12	145	6.7
150 x 200	43700	94	65	82	191	143	15	M12	145	7.2
160 x 210	49700	94	65	82	191	145	16	M12	145	7.6
170 x 225	67500	107	78	93	194	146	15	M14	230	10.5
180 x 235	71500	107	78	93	183	140	15	M14	230	10.9
190 x 250	80500	119	88	105	156	118	16	M14	230	14.2
200 x 260	105000	119	88	105	183	141	18	M14	230	14.6
220 x 285	119000	127	96	111	159	123	15	M16	355	18.9
240 x 305	173000	127	96	111	194	153	20	M16	355	20.0
260 x 325	197000	127	96	111	188	151	21	M16	355	21.5
280 x 355	237000	131	96	111	211	167	15	M20	690	27.0
300 x 375	254000	131	96	111	197	158	15	M20	690	29.7
320 x 405	362000	156	124	136	195	154	20	M20	690	43.5
340 x 425	384000	156	124	136	184	147	20	M20	690	46.5
360 x 455	499000	182	140	160	170	135	20	M22	930	66.0
380 x 475	526000	182	140	160	161	129	20	M22	930	68.5
400 x 495	610000	182	140	160	168	136	22	M22	930	72.0