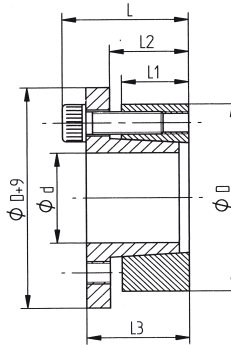


Locking Device

KBS 16



transmittable torque	medium
surface pressure on hub	medium
self-centering	yes
axial movement of the hub during assembly	no
height D/d	high
overall length	short

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

Order Code

Steel

KBS 16 - 75 x 115

Type Ød ØD

Stainless steel

KBS 16 - 75 x 115 - VA

Type Ød ØD

chemically
nickel-plated

KBS 16 - 75 x 115 - NI

Type Ød ØD

Stainless steel
Special screws

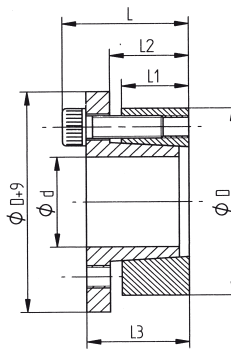
KBS 16 - 75 x 115 - VAB

Type Ød ØD

Inner / Outer Ø dxD	Torque T Nm	Dimensions				Surface pressure on		Screws			Mass kg
		L mm	L1 mm	L2 mm	L3 mm	Shaft Pw N/mm ²	Hub Pn N/mm ²	No.	ISO 4762	TA Nm	
18 x 47	260	34	17	22	28	240	93	5	M6x20	17	0.28
19 x 47	270	34	17	22	28	230	93	5	M6x20	17	0.28
20 x 47	280	34	17	22	28	220	95	5	M6x20	17	0.28
22 x 47	300	34	17	22	28	200	95	5	M6x20	17	0.29
24 x 50	400	34	17	22	28	215	107	6	M6x20	17	0.30
25 x 50	420	34	17	22	28	210	105	6	M6x20	17	0.30
28 x 55	470	34	17	22	28	190	96	6	M6x20	17	0.33
30 x 55	500	34	17	22	28	180	95	6	M6x20	17	0.36
32 x 60	720	34	17	22	28	220	115	8	M6x20	17	0.40
35 x 60	790	34	17	22	28	200	115	8	M6x20	17	0.41
38 x 65	850	34	17	22	28	185	105	8	M6x20	17	0.42
40 x 65	900	34	17	22	28	175	105	8	M6x20	17	0.45
42 x 75	1520	41	20	25	33	230	125	7	M8x25	41	0.70
45 x 75	1620	41	20	25	33	215	125	7	M8x25	41	0.70
48 x 80	1720	41	20	25	33	210	120	7	M8x25	41	0.75
50 x 80	1820	41	20	25	33	195	120	7	M8x25	41	0.75
55 x 85	2300	41	20	25	33	200	130	8	M8x25	41	0.80
60 x 90	2500	41	20	25	33	185	125	8	M8x25	41	0.90
65 x 95	3050	41	20	25	33	190	130	9	M8x25	41	0.95

Locking Device

KBS 16



transmittable torque	medium
surface pressure on hub	medium
self-centering	yes
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overall length	short

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

Order Code

Steel

KBS 16 - 75 x 115

Type Ød ØD

Stainless steel

KBS 16 - 75 x 115 - VA

Type Ød ØD

chemically
nickel-plated

KBS 16 - 75 x 115 - NI

Type Ød ØD

Stainless steel
Special screws

KBS 16 - 75 x 115 - VAB

Type Ød ØD

Inner / Outer Ø dxD	Torque T Nm	Dimensions				Surface pressure on		Screws			Mass kg
		L mm	L1 mm	L2 mm	L3 mm	Shaft Pw N/mm²	Hub Pn N/mm²	No.	ISO 4762	TA Nm	
70 x 110	4660	50	24	30	40	210	135	8	M10x30	83	1.75
75 x 115	5000	50	24	30	40	195	125	8	M10x30	83	1.80
80 x 120	5300	50	24	30	40	185	125	8	M10x30	83	1.90
85 x 125	6350	50	24	30	40	195	135	9	M10x30	83	1.95
90 x 130	6760	50	24	30	40	185	130	9	M10x30	83	2.10
95 x 135	7900	50	24	30	40	195	135	10	M10x30	83	2.15
100 x 145	9700	56	26	32	44	200	140	8	M12x35	145	2.85
110 x 155	10600	56	26	32	44	180	130	8	M12x35	145	3.10
120 x 165	13000	56	26	32	44	185	135	9	M12x35	145	3.35
130 x 180	18900	64	34	40	52	175	125	12	M12x35	145	4.70
140 x 190	20600	68	34	40	54	165	120	9	M14x40	230	5.35
150 x 200	25100	68	34	40	54	175	130	10	M14x40	230	5.65
160 x 210	29100	68	34	40	54	180	135	11	M14x40	230	5.85
170 x 225	34100	78	44	50	64	140	105	12	M14x40	230	8.25
180 x 235	36100	78	44	50	64	135	105	12	M14x40	230	8.60