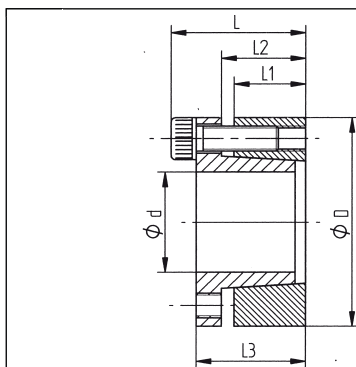


Locking Device

KBS 13



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

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

Order Code

Steel

KBS 13 - 30 x 55

Type Ød ØD

Stainless steel

KBS 13 - 30 x 55 - VA

Type Ød ØD

chemically
nickel-plated

KBS 13 - 30 x 55 - NI

Type Ød ØD

Stainless steel
Special screws

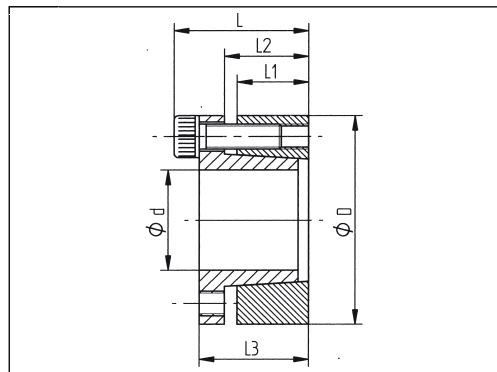
KBS 13 - 30 x 55 - VAB

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	310	34	17	22	28	314	120	5	M6x20	14	0.26
19 x 47	330	34	17	22	28	300	120	5	M6x20	14	0.25
20 x 47	380	34	17	22	28	295	125	5	M6x20	14	0.25
22 x 47	410	34	17	22	28	270	125	5	M6x20	14	0.25
24 x 50	440	34	17	22	28	243	120	6	M6x20	14	0.26
25 x 50	560	34	17	22	28	285	140	6	M6x20	14	0.26
28 x 55	630	34	17	22	28	255	130	6	M6x20	14	0.29
30 x 55	660	34	17	22	28	235	130	6	M6x20	14	0.30
32 x 60	960	34	17	22	28	295	155	8	M6x20	14	0.33
35 x 60	1050	34	17	22	28	270	155	8	M6x20	14	0.34
38 x 65	1140	34	17	22	28	250	145	8	M6x20	14	0.35
40 x 65	1200	34	17	22	28	235	145	8	M6x20	14	0.35
42 x 75	2040	41	20	25	33	310	170	7	M8x25	35	0.60
45 x 75	2180	41	20	25	33	290	170	7	M8x25	35	0.60
48 x 80	2300	41	20	25	33	280	180	7	M8x25	35	0.65
50 x 80	2430	41	20	25	33	260	160	7	M8x25	35	0.65
55 x 85	3070	41	20	25	33	270	175	8	M8x25	35	0.70
60 x 90	3350	41	20	25	33	245	165	8	M8x25	35	0.75
65 x 95	4080	41	20	25	33	255	175	9	M8x25	35	0.80

Locking Device

KBS 13



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

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

Order Code

Steel

KBS 13 - 30 x 55

Type Ød ØD

Stainless steel

KBS 13 - 30 x 55 - VA

Type Ød ØD

chemically
nickel-plated

KBS 13 - 30 x 55 - NI

Type Ød ØD

Stainless steel
Special screws

KBS 13 - 30 x 55 - 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	
70 x 110	6280	50	24	30	40	280	180	8	M10x30	70	1.55
75 x 115	6680	50	24	30	40	260	170	8	M10x30	70	1.65
80 x 120	7130	50	24	30	40	250	160	8	M10x30	70	1.70
85 x 125	8480	50	24	30	40	260	180	9	M10x30	70	1.85
90 x 130	9080	50	24	30	40	250	170	9	M10x30	70	1.90
95 x 135	10580	50	24	30	40	260	180	10	M10x30	70	2.00
100 x 145	13380	56	26	32	44	270	190	8	M12x35	125	2.65
110 x 155	14580	56	26	32	44	240	180	8	M12x35	125	2.83
120 x 165	17880	56	26	32	44	250	180	9	M12x35	125	3.10
130 x 180	29980	64	34	40	52	240	170	12	M12x35	125	4.60
140 x 190	26980	68	34	40	54	210	150	9	M14x40	190	4.92
150 x 200	32980	68	34	40	54	230	170	10	M14x40	190	5.10
160 x 210	37980	68	34	40	54	230	170	11	M14x40	190	5.45
170 x 225	44980	78	44	50	64	180	130	12	M14x40	190	7.70
180 x 235	46980	78	44	50	64	170	130	12	M14x40	190	8.00