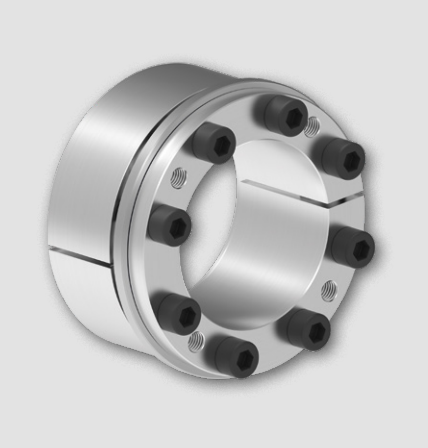
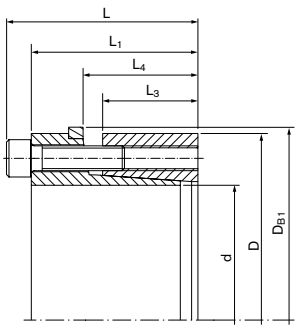
Locking Assemblies
RINGFEDER® RfN 7007
Two piece design similar to RfN 7004



self-centering | **without axial displacement** | with low surface pressure

Dimensions



Locking Assembly dimensions								Transmissible torques or axial forces		Surface pressure		Locking screws		
										Shaft	Hub			
d	x	D	D_{B1}	L	L_1	L_3	L_4	T	F_{ax}	p_W	p_N	n_{Sc}	D_G	T_A
mm			mm					Nm	kN	N/mm²				Nm
19	x	47	53	45	39	26	31	320	33	180	70	6	M6	17
20	x	47	53	45	39	26	31	330	33	170	70	6	M6	17
22	x	47	53	45	39	26	31	370	33	155	70	6	M6	17
24	x	50	56	45	39	26	31	400	33	140	70	6	M6	17
25	x	50	56	45	39	26	31	420	33	135	70	6	M6	17
28	x	55	61	45	39	26	31	470	33	120	60	6	M6	17
30	x	55	61	45	39	26	31	500	33	115	60	6	M6	17
32	x	60	66	45	39	26	31	710	44	140	75	8	M6	17
35	x	60	66	45	39	26	31	780	44	130	75	8	M6	17
38	x	65	71	45	39	26	31	850	44	120	70	8	M6	17
40	x	65	71	45	39	26	31	890	44	110	70	8	M6	17
42	x	75	81	55	47	30	36	1270	61	130	70	6	M8	41
45	x	75	81	55	47	30	36	1360	61	120	70	6	M8	41
48	x	80	86	55	47	30	36	1940	81	150	90	8	M8	41
50	x	80	86	55	47	30	36	2020	81	145	90	8	M8	41
55	x	85	91	55	47	30	36	2220	81	130	85	8	M8	41
60	x	90	96	55	47	30	36	2430	81	120	80	8	M8	41
65	x	95	101	55	47	30	36	2630	81	110	75	8	M8	41
70	x	110	116	72	62	40	46	4580	131	125	80	8	M10	83
75	x	115	121	72	62	40	46	4900	131	115	75	8	M10	83
80	x	120	126	72	62	40	46	5230	131	110	70	8	M10	83
85	x	125	131	72	62	40	46	6950	163	125	85	10	M10	83
90	x	130	136	72	62	40	46	7350	163	120	85	10	M10	83
95	x	135	141	72	62	40	46	7760	163	115	80	10	M10	83
100	x	145	151	89	77	46	52	9780	196	115	80	8	M12	83
110	x	155	161	89	77	46	52	10750	196	100	75	8	M12	145

To continue see next page

Locking Assemblies RINGFEDER® RfN 7007

Locking Assembly dimensions								Transmissible torques or axial forces		Surface pressure		Locking screws		
										Shaft	Hub			
d	x	D	D_{B1}	L	L_1	L_3	L_4	T	F_{ax}	p_W	p_N	n_{Sc}	D_G	T_A
mm			mm					Nm	kN	N/mm²				Nm
120	x	165	171	89	77	46	52	14660	244	115	85	10	M12	145
130	x	180	186	89	77	46	52	19060	293	130	95	12	M12	145
140	x	190	196	98	84	51	59	23600	337	125	90	10	M14	230
150	x	200	206	98	84	51	59	30340	405	140	105	12	M14	230
160	x	210	216	98	84	51	59	32360	405	130	100	12	M14	230
170	x	225	231	98	84	51	59	40120	472	145	110	14	M14	230
180	x	235	241	98	84	51	59	42480	472	135	105	14	M14	230
190	x	250	259	98	84	51	59	46400	488	136	104	15	M14	230
200	x	260	259	98	84	51	59	48800	488	130	100	15	M14	230

More sizes on request

Explanation

d = Inner diameter
D = Outer diameter
D_{B1} = Collar outer diameter
L = Overall length
L_1 = Overall length (without screws)
L_3 = Width of ring
L_4 = Installation length up to collar
T = Transmissible torque at given T_A
F_{ax} = Transmissible axial force
p_W = Surface pressure on shaft at given T_A
p_N = Surface pressure on hub at given T_A
n_{Sc} = Quantity of screws
D_G = Thread
T_A = Tightening torque of the clamping screws

Ordering example

Locking assembly	d	D
RfN 7007	**110**	**155**

Technical Information

- Surface finishes: Shaft and hub bores $R_a \leq 1{,}6$ µm
- Tolerances: Shaft: h8 · Hub: H8

Further information on
RINGFEDER® RfN 7007
on **www.ringfeder.com**

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RINGFEDER POWER TRANSMISSION