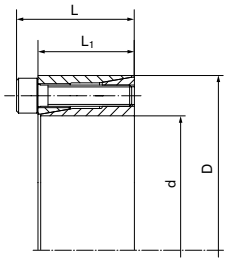
Locking Assemblies
RINGFEDER® RfN 7061
Two piece, self-centering design

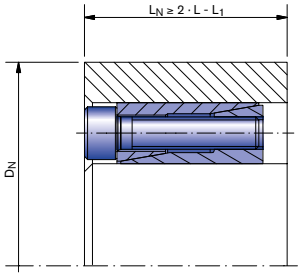


self-centering | without axial displacement | **with low surface pressure**

Dimensions



Location



Locking Assembly dimensions					Transmissible torques or axial forces		Surface pressure		Locking screws		
							Shaft	Hub			
d	x	D	L	L_1	T	F_{ax}	p_W	p_N	n_{Sc}	D_G	T_A
mm			mm		Nm	kN	N/mm²				Nm
6	x	16	13,5	11	6	2	150	55	3	M2,5	1,2
6,35	x	16	13,5	11	6	2	140	55	3	M2,5	1,2
7	x	17	13,5	11	8	2	125	55	3	M2,5	1,2
8	x	18	13,5	11	10	2,5	110	50	3	M2,5	1,2
9	x	20	15,5	13	15	3	120	55	4	M2,5	1,2
9,53	x	20	15,5	13	15	3	110	55	4	M2,5	1,2
10	x	20	15,5	13	15	3	110	55	4	M2,5	1,2
11	x	22	15,5	13	18	3	100	50	4	M2,5	1,2
12	x	22	15,5	13	20	3	90	50	4	M2,5	1,2
14	x	26	20	17	35	5	105	55	4	M3	2,1
15	x	28	20	17	40	5	100	50	4	M3	2,1
16	x	32	21	17	70	8	130	65	4	M4	4,9
17	x	35	25	21	75	8	120	60	4	M4	4,9
18	x	35	25	21	80	8	115	60	4	M4	4,9
19	x	35	25	21	85	8	110	60	4	M4	4,9
20	x	38	26	21	150	15	140	75	4	M5	9,7
22	x	40	26	21	160	14	130	70	4	M5	9.7
24	x	47	32	26	250	20	140	75	4	M6	17
25	x	47	32	26	260	20	135	75	4	M6	17
25,4	x	47	32	26	265	20	130	75	4	M6	17
28	x	50	32	26	440	30	185	100	6	M6	17
30	x	55	32	26	470	30	175	95	6	M6	17
32	x	55	32	26	500	30	165	95	6	M6	17
35	x	60	37	31	730	40	165	95	8	M6	17
38	x	65	37	31	800	40	155	90	8	M6	17
40	x	65	37	31	840	40	145	90	8	M6	17

To continue see next page

Locking Assemblies RINGFEDER® RfN 7061

Locking Assembly dimensions					Transmissible torques or axial forces		Surface pressure		Locking screws		
							Shaft	Hub			
d	x	D	L	L_1	T	F_{ax}	p_W	p_N	n_{Sc}	D_G	T_A
mm			mm		Nm	kN	N/mm²				Nm
42	x	75	44	36	1200	55	165	90	6	M8	41
45	x	75	44	36	1300	55	155	90	6	M8	41
48	x	80	44	36	1850	75	195	115	8	M8	41
50	x	80	44	36	1900	75	185	115	8	M8	41

More sizes on request

Explanation

d = Inner diameter
D = Outer diameter
L = Overall length
L_1 = Overall length (without screws)
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 7061	**6**	**16**

Technical Information

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

Further information on
RINGFEDER® RfN 7061
on **www.ringfeder.com**

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RINGFEDER POWER TRANSMISSION