

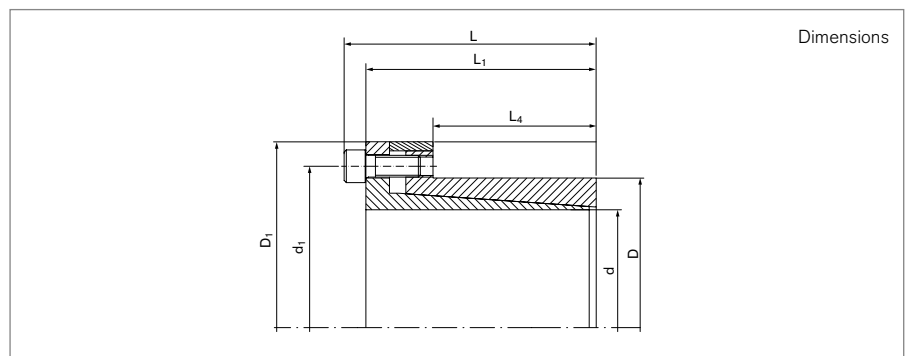
Locking Assemblies

RINGFEDER® RfN 7110 stainless steel

Specially small dimensioned self-centering Locking Assembly without axial displacement



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



Locking Assembly dimensions							Transmissible torques or axial forces		Surface pressure		Locking screws			
d	x	D	DB1	L	L1	L4	T	F _{ax}	Shaft PW	Hub PN	n _{Sc}	D _G	T _A	Gw
mm			mm				Nm	kN	N/mm ²				Nm	kg
8	x	15	27	28	24	12	16	3,8	126	66	4	M4	2,9	0,06
9	x	16	28	31	27	14	18	3,8	93	55	4	M4	2,9	0,07
10	x	16	28	31	27	14	20	3,8	88	55	4	M4	2,9	0,06
11	x	18	32	31	27	14	28	5,5	99	60	4	M4	2,9	0,07
12	x	18	32	31	27	14	30	5,5	85	60	4	M4	2,9	0,07
13	x	23	38	31	27	14	33	5,5	82	46	4	M4	2,9	0,12
14	x	23	38	31	27	14	35	5,5	77	46	4	M4	2,9	0,12
15	x	24	44	42	36	16	85	13	99	63	3	M6	14	0,21
16	x	24	44	42	36	16	93	13	93	63	3	M6	14	0,2
17	x	26	45	44	38	18	127	17	104	74	4	M6	14	0,22
18	x	26	47	44	38	18	139	17	99	74	4	M6	14	0,24
19	x	27	48	44	38	18	147	17	93	68	4	M6	14	0,25
20	x	28	49	44	38	18	155	17	82	63	4	M6	14	0,25
22	x	32	53	51	45	25	178	16	63	44	4	M6	14	0,34
24	x	34	55	51	45	25	197	16	57	41	4	M6	14	0,36
25	x	34	55	51	45	25	197	16	55	41	4	M6	14	0,35
28	x	39	60	51	45	25	286	24	60	44	5	M6	14	0,43
30	x	41	62	51	45	25	368	24	68	49	6	M6	14	0,43
32	x	43	64	56	50	30	391	24	52	41	6	M6	14	0,46
35	x	47	68	56	50	30	573	32	66	49	8	M6	14	0,52
38	x	50	71	56	50	30	620	32	60	46	8	M6	14	0,61
40	x	53	74	58	52	32	736	41	60	46	9	M6	14	0,67
42	x	55	77	58	52	32	771	60	57	44	9	M6	14	0,74
45	x	59	85	72	64	40	1356	60	71	55	8	M8	34	1,12

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Locking Assembly dimensions							Transmissible torques or axial forces		Surface pressure		Locking screws			
d	x	D	D _{B1}	L	L ₁	L ₄	T	F _{ax}	Shaft p _W	Hub p _N	n _{Sc}	D _G	T _A	G _w
mm			mm				Nm	kN	N/mm ²				Nm	kg
48	x	62	87	72	64	40	1449	60	66	52	8	M8	34	1,14
50	x	65	91	82	74	50	1883	75	63	49	10	M8	34	1,3

More sizes on request

Explanation

d = Inner diameter	T = Transmissible torque at given T _A	T_A = Tightening torque of the clamping screws
D = Outer diameter	F_{ax} = Transmissible axial force	G_w = Weight
D_{B1} = Collar outer diameter	p_W = Surface pressure on shaft at given T _A	
L = Overall length	p_N = Surface pressure on hub at given T _A	
L₁ = Overall length (without screws)	n_{Sc} = Quantity of screws	
L₄ = installation length up to collar	D_G = Thread	

Ordering example

Locking Assembly	d	D	Further details
RfN 7110 stainless steel	25	34	SST (=stainless steel)

Technical Information

- Surface finishes: Shaft bores R_a ≤ 3,2 μm · Hub bores R_a ≤ 1,6 μm
- Tolerances: Shaft: h8 · Hub: H8

Further information on
RINGFEDER® RfN 7110 stainless steel
 on www.ringfeder.com

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