

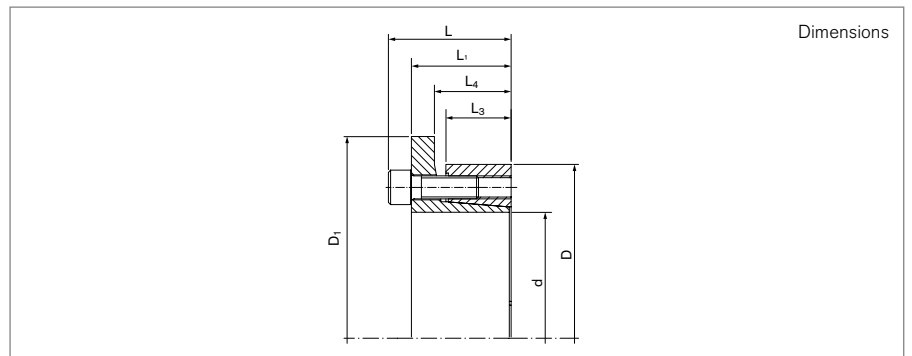
Locking Assemblies

RINGFEDER® RfN 7006

Two piece design with single taper



self-centering without axial displacement with low surface pressure



Locking Assembly dimensions								Transmissible torques or axial forces		Surface pressure		Locking screws			
d	x	D	D _{B1}	L	L ₁	L ₃	L ₄	T	F _{ax}	Shaft PW	Hub PN	n _{Sc}	D _G	T _A	G _w
mm		mm						Nm	kN	N/mm ²				Nm	kg
19	x	47	56	34	28	17	23	270	28	234	94	5	M6 x 20	17	0,3
20	x	47	56	34	28	17	23	284	28	222	94	5	M6 x 20	17	0,3
22	x	47	56	34	28	17	23	313	28	202	94	5	M6 x 20	17	0,3
24	x	50	59	34	28	17	23	410	34	222	106	6	M6 x 20	17	0,3
25	x	50	59	34	28	17	23	427	34	213	106	6	M6 x 20	17	0,3
28	x	55	64	34	28	17	23	478	34	190	97	6	M6 x 20	17	0,4
30	x	55	64	34	28	17	23	512	34	177	97	6	M6 x 20	17	0,3
32	x	60	69	34	28	17	23	728	46	222	118	8	M6 x 20	17	0,3
35	x	60	69	34	28	17	23	796	46	203	118	8	M6 x 20	17	0,4
38	x	65	74	34	28	17	23	865	46	187	109	8	M6 x 20	17	0,5
40	x	65	74	34	28	17	23	910	46	177	109	8	M6 x 20	17	0,4
42	x	75	84	41	33	20	26	1520	72	229	128	7	M8 x 25	41	0,7
45	x	75	84	41	33	20	26	1629	72	213	128	7	M8 x 25	41	0,7
50	x	80	89	41	33	20	26	1810	72	192	120	7	M8 x 25	41	0,8
55	x	85	94	41	33	20	26	2275	83	200	129	8	M8 x 25	41	0,9
60	x	90	99	41	33	20	26	2482	83	183	122	8	M8 x 25	41	0,9
65	x	95	104	41	33	20	26	3025	93	190	130	9	M8 x 25	41	0,9
70	x	110	119	50	40	24	32	4735	135	214	135	8	M10 x 30	83	1,6
75	x	115	124	50	40	24	32	5018	134	197	129	8	M10 x 30	83	1,7
80	x	120	129	50	40	24	32	5352	134	185	123	8	M10 x 30	83	1,9
85	x	125	134	50	40	24	32	5979	141	183	124	9	M10 x 30	83	2,0
90	x	130	139	50	40	24	32	6774	151	185	128	9	M10 x 30	83	2,0
95	x	135	144	50	40	24	32	7945	167	195	137	10	M10 x 30	83	2,3
100	x	145	154	56	44	26	34	10005	200	204	141	8	M12 x 35	145	2,8
110	x	155	164	56	44	26	34	11006	200	186	132	8	M12 x 35	145	3,1
120	x	165	174	56	44	26	34	13507	225	191	139	9	M12 x 35	145	3,2

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d	x	D	D _{B1}	L	L ₁	L ₃	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
130	x	180	189	64	52	34	42	19511	300	180	130	12	M12 x 35	145	4,6
140	x	190	199	68	54	34	42	21515	307	171	126	9	M14 x 40	230	5,0
150	x	200	209	68	54	34	42	25613	342	178	133	10	M14 x 40	230	5,2
160	x	210	219	68	54	34	42	30052	376	183	140	11	M14 x 40	230	5,6
170	x	225	234	78	64	44	52	34833	410	145	110	12	M14 x 40	230	6,5
180	x	235	244	78	64	44	52	36882	410	137	105	12	M14 x 40	230	8,5
190	x	250	259	78	64	44	52	48664	512	163	124	15	M14 x 40	230	9,0
200	x	260	269	78	64	44	52	51225	512	154	119	15	M14 x 40	230	9,6
220	x	285	295	91	75	50	59	61581	560	135	104	12	M16 x 50	355	14,0
240	x	305	315	91	75	50	59	83975	700	155	122	15	M16 x 50	355	15,1
260	x	325	335	91	75	50	59	97037	746	152	122	16	M16 x 50	355	16,2
280	x	355	365	105	87	60	69	124441	889	140	111	16	M18 x 50	485	25,6
300	x	375	384	102	84	60	66	149908	999	147	118	18	M18 x 50	485	25,5
320	x	405	414	121	101	74	81	208733	1305	146	115	18	M20 x 50	690	37,9
340	x	425	434	121	101	74	81	258742	1522	160	128	21	M20 x 50	690	38,3
360	x	455	464	138	115	86	93	290014	1611	138	109	18	M22 x 60	930	53,3
380	x	475	484	138	115	86	93	357147	1880	153	122	21	M22 x 60	930	57,6
400	x	495	504	138	115	86	93	375945	1880	145	117	21	M22 x 60	930	60,3

More sizes on request

Explanation

d = Inner diameter	L₄ = Installation length up to collar	D_G = Thread
D = Outer diameter	T = Transmissible torque at given T _A	T_A = Max tightened torque of the clamping screws
D_{B1} = Collar outer diameter	F_{ax} = Transmissible axial force	G_w = Weight
L = Overall length	p_w = Surface pressure on shaft at given T _A	
L₁ = Overall length (without screws)	p_n = Surface pressure on hub at given T _A	
L₃ = Width of ring	n_{sc} = Quantity of screws	

Ordering example

Locking assembly	d	D
RfN 7006	55	85

Technical Information

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

Disclaimer of liability

All technical details and notes are non-binding and cannot be used as a basis for legal claims. The user is obligated to determine whether the represented products meet his requirements. We reserve the right carry out modifications at any time in the interests of technical progress.