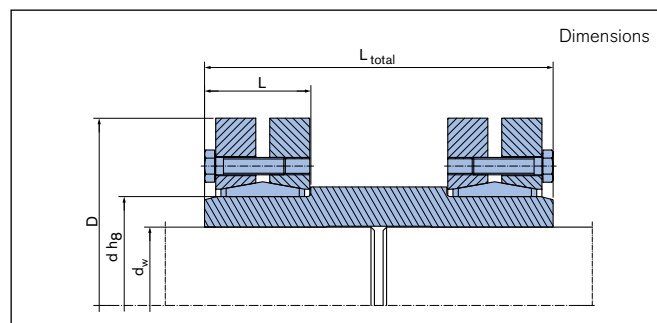
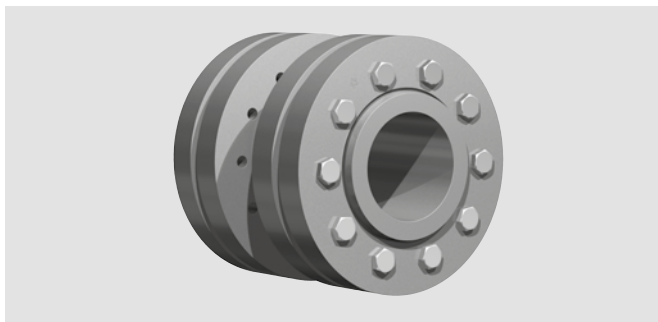


RINGFEDER® Shaft Couplings

RfN 5091



d = Inner diameter
D = Outer diameter
d_w = Solid shaft diameter

L_{total} = Total length (several parts)
L = Overall width
T_A = Max. tightened torque of the screws

T = Transmissible torque at given **T_A**
F_{ax} = Transmissible axial force
D_G = Thread

Shaft couplings dimensions					T _A	Transmissible torques or axial forces		Locking screws ISO 4014 / 4017 - 10.9	
d	x	D	d _w	L _{total}		T	F _{ax}	D _G	
mm			mm	mm	Nm	Nm	kN		
125	x	215	85 90 95	200	100	15.000 17.500 20.000	355 388 422	M12	
140	x	300	90 100 110	220	250	36.700 47.000 58.700	433 469 500	M16	For all shaft couplings intermediate values for T and F _{ax} can be calculated dependent on T _A and the
155	x	263	105 110 115	230	100	28.900 32.400 36.200	550 590 630	M12	clearance S. In addition, stepped shaft couplings are available for different shaft diameters.
165	x	290	115 120 125	240	250	41.000 46.000 50.700	740 785 815	M16	If required, we like to be of assistance.
175	x	300	125 130 135	265	250	72.800 79.900 87.300	1.165 1.230 1.295	M16	
185	x	330	135 140 145	265	250	72.000 78.000 86.000	1.100 1.150 1.200	M16	
195	x	350	140 150 155	280	250	75.000 88.000 96.000	1.075 1.188 1.235	M16	
200	x	350	150 155 160	290	250	92.500 100.000 107.000	1.230 1.290 1.345	M16	
220	x	370	160 165 170	310	250	127.000 136.000 146.500	1.590 1.650 1.720	M16	
240	x	405	170 180 190	350	490	155.000 176.000 198.000	1.820 1.960 2.080	M20	

To continue see next page

RINGFEDER® Shaft Couplings

RfN 5091

Shaft couplings dimensions					T _A	Transmissible torques or axial forces		Locking screws ISO 4014 / 4017 - 10.9	
d	x	D	d _w	L _{total}		T	F _{ax}	D _G	
mm			mm	mm	Nm	Nm	kN		
260	x	430	190	390	490	213.000	2.260	M20	
			200			240.000	2.420		
			210			268.000	2.580		
280	x	460	210	430	490	285.000	2.740	M20	For all shaft couplings intermediate values for T and F _{ax} can be calculated dependent on T _A and the
			220			320.000	2.910		
			230			355.000	3.090		
300	x	485	230	445	490	341.000	2.960	M20	clearance S. In addition, stepped shaft couplings are available for different shaft diameters.
			240			376.000	3.130		
			245			394.000	3.215		
320	x	520	240	460	490	378.000	3.150	M20	If required, we like to be of assistance.
			250			415.000	3.325		
			260			451.000	3.470		
340	x	570	250	480	840	489.500	3.910	M24	
			260			530.000	4.075		
			270			578.000	4.275		
350	x	580	270	490	840	556.000	4.122	M24	
			280			604.000	4.320		
			285			629.000	4.415		
360	x	590	280	500	840	612.000	4.370	M24	
			290			663.000	4.570		
			295			689.000	4.670		
380	x	645	290	530	840	618.000	4.270	M24	
			300			668.000	4.455		
			310			719.000	4.645		
390	x	660	300	540	840	708.000	4.715	M24	
			310			762.000	4.910		
			320			814.500	5.090		
400	x	680	315	540	840	765.000	4.855	M24	
			320			788.000	4.927		
			330			845.000	5.125		
420	x	690	330	580	840	999.000	6.055	M24	
			340			1.068.000	6.285		
			350			1.140.000	6.515		
440	x	750	340	600	1.250	1.058.000	6.230	M27	
			350			1.130.000	6.460		
			360			1.204.000	6.690		
460	x	770	360	620	1.250	1.320.000	7.440	M27	
			370			1.420.000	7.700		
			380			1.500.000	7.950		
480	x	800	380	645	1.250	1.535.000	8.080	M27	
			390			1.626.000	8.340		
			400			1.720.000	8.600		
500	x	850	400	670	1.250	1.750.000	8.750	M27	
			410			1.840.000	8.980		
			420			1.940.000	9.250		

Ordering example: RfN 5091

Series	D	d _w
RfN 5091	240	190

- Surface finishes for shaft R_a ≤ 3,2 μm
- Tolerances for shaft see catalog Page 82

- When using a hollow shaft instead of a solid shaft please contact our Engineering-Team

Subject to technical change.