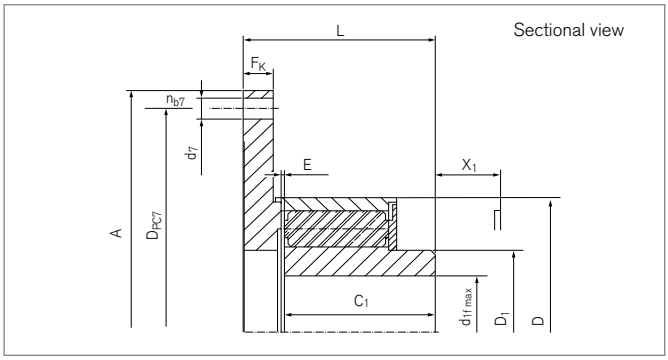
Torsional Highflex Couplings
RINGFEDER® TNR 2424.1
Single-row, SAE flange-shaft connections





Size	$d_{1f\,max}$	SAE size	A	D_{PC7}	d_7	n_{b7}	D	D_1	C_1
			mm	mm	mm		mm	mm	mm
120.1 - 06.5	50	6,5	215,9	200,0	9,5	6	120	73	65
120.1 - 07.5	50	7,5	241,3	222,3	9,5	8	120	73	65
120.1 - 08.0	50	8,0	263,5	244,5	11,0	6	120	73	65
120.1 - 10.0	50	10,0	314,3	295,3	11,0	8	120	73	65
160.1 - 06.5	70	6,5	215,9	200,0	9,5	6	160	100	90
160.1 - 07.5	70	7,5	241,3	222,3	9,5	8	160	100	90
160.1 - 08.0	70	8,0	263,5	244,5	11,0	6	160	100	90
160.1 - 10.0	70	10,0	314,3	295,3	11,0	8	160	100	90
200.1 - 07.5	90	7,5	241,3	222,3	9,5	8	200	129	115
200.1 - 08.0	90	8,0	263,5	244,5	11,0	6	200	129	115
200.1 - 10.0	90	10,0	314,3	295,3	11,0	8	200	129	115
200.1 - 11.5	90	11,5	352,4	333,7	11,0	8	200	129	115
260.1 - 10.0	115	10,0	314,3	295,3	11,0	8	260	165	140
260.1 - 11.5	115	11,5	352,4	333,7	11,0	8	260	165	140
260.1 - 14.0	115	14,0	466,7	438,2	14,5	8	260	165	140
260.1 - 16.0	115	16,0	517,5	489,0	14,5	8	260	165	140
320.1 - 14.0	145	14,0	466,7	438,2	14,5	8	320	210	175
320.1 - 16.0	145	16,0	517,5	489,0	14,5	8	320	210	175
320.1 - 18.0	145	18,0	571,5	542,9	18,0	6	320	210	175
400.1 - 16.0	185	16,0	517,5	489,0	14,5	8	400	275	230
400.1 - 18.0	185	18,0	571,5	542,9	18,0	6	400	275	230
400.1 - 21.0	185	21,0	673,1	641,4	18,0	12	400	275	230
400.1 - 24.0	185	24,0	733,4	692,2	22,0	12	400	275	230
500.1 - 21.0	230	21,0	673,1	641,4	18,0	12	500	335	300
500.1 - 24.0	230	24,0	733,4	692,2	22,0	12	500	335	300

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Size	L	E	F_E	F_K	X_1	J_F	J_N [1]	Gw_{ub} [1]
	mm	mm	mm	mm	mm	$10^{-3}kgm^2$	$10^{-3}kgm^2$	kg
120.1 - 06.5	84	4,0	+/-1,0	13	28	6	2	4,1
120.1 - 07.5	84	4,0	+/-1,0	13	28	9	2	4,4
120.1 - 08.0	84	4,0	+/-1,0	13	28	12	2	4,7
120.1 - 10.0	84	4,0	+/-1,0	13	28	26	2	5,4
160.1 - 06.5	111	4,0	+/-1,0	15	23	9	11	8,6
160.1 - 07.5	111	4,0	+/-1,0	15	23	12	11	8,9
160.1 - 08.0	111	4,0	+/-1,0	15	23	16	11	9,2
160.1 - 10.0	111	4,0	+/-1,0	15	23	31	11	10,1
200.1 - 07.5	140	5,0	+/-1,5	18	28	23	35	16,9
200.1 - 08.0	140	5,0	+/-1,5	18	28	28	35	17,3
200.1 - 10.0	140	5,0	+/-1,5	18	28	45	35	18,4
200.1 - 11.5	140	5,0	+/-1,5	18	28	66	35	19,3
260.1 - 10.0	172	6,0	+/-1,5	24	40	92	116	35,0
260.1 - 11.5	172	6,0	+/-1,5	24	40	118	116	36,3
260.1 - 14.0	172	6,0	+/-1,5	24	40	260	116	40,4
260.1 - 16.0	172	6,0	+/-1,5	24	40	381	116	42,8
320.1 - 14.0	212	7,0	+/-2,0	26	45	474	375	73,5
320.1 - 16.0	212	7,0	+/-2,0	26	45	662	375	76,6
320.1 - 18.0	212	7,0	+/-2,0	26	45	1195	375	83,0
400.1 - 16.0	271	8,0	+/-2,0	31	46	760	1274	142,0
400.1 - 18.0	271	8,0	+/-2,0	31	46	971	1274	146,0
400.1 - 21.0	271	8,0	+/-2,0	31	46	1579	1274	153,0
400.1 - 24.0	271	8,0	+/-2,0	31	46	2035	1274	158,0
500.1 - 21.0	346	10,0	+/-2,5	34	52	2402	4155	289,0
500.1 - 24.0	346	10,0	+/-2,5	34	52	2877	4155	294,0

[1] Weight and moment of inertia for unbored hubs

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Explanations

$d_{1f\ max}$	= Max. bore diameter d_1 with keyway acc. to ANSI B17.1	**D**	= Outer diameter	F_K	= Flange thickness
SAE	= Flange connection to SAE J 620 d	D_1	= Outer diameter	X_1	= Required space for dismounting of the elastic buffer
A	= Max. outer diameter	C_1	= Guided length in hub bore	J_F	= Moment of inertia on thrust flange side
D_{PC7}	= Pitch circle diameter of bore holes d_7	**L**	= Total length	J_N	= Moment of inertia hub side
d_7	= Bore diameter	**E**	= Gap width between left and right component	Gw_{ub}	= Weight, unbored
n_{b7}	= Quantity of bore d_7	F_E	= Tolerance of the gap width E		

Ordering example

Series	Size	Buffer	d_{1f}	Further details*)
TNR 2424.1	200.1 - 08.0	Pb 70	80	*

*) Without any other specification, we deliver as a standard: with set screws and keyway acc. to DIN 6885-1, keyway side fit P9, bore tolerance H7

Further information on
RINGFEDER® TNR 2424.1
on **www.ringfeder.com**

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