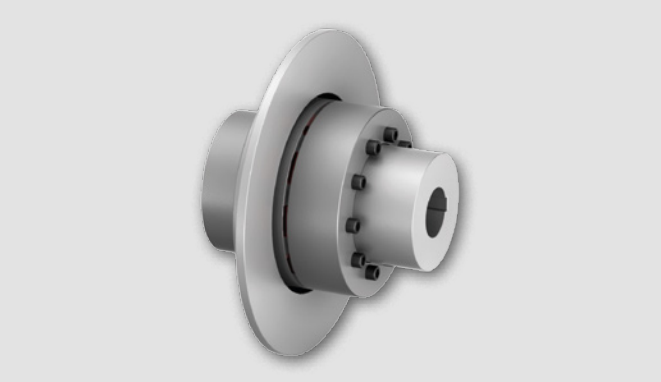
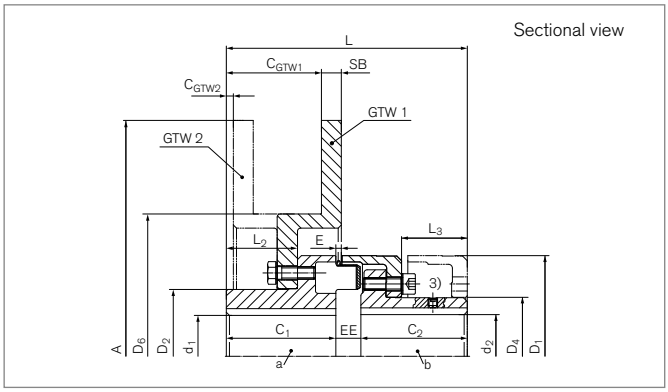
Elastomer Jaw Couplings

RINGFEDER® TNM GTW

Multi-part design, to change the intermediate ring without axial movement of the driven parts with brake disc





Identifier	Size	A	SB	T_{KNPb72} 2)	T_{KNPb82} 2)	T_{BR} 4)	n_{max}	d_{1kmax}	d_{2kmax}	D_1	D_2	D_4	D_6	C_1	C_2
		mm	mm	Nm	Nm	Nm	1/min	mm	mm	mm	mm	mm	mm	mm	mm
WN0411-250	112	250	12,7	150	230	450	4580	42	46	112	68	64,5	128	60	58
WN0411-300	112	300	12,7	150	230	450	3820	42	46	112	68	64,5	181	60	58
WN0412-300	128	300	12,7	250	380	550	3820	52	53	128	85	74,5	181	70	68
WN0414-300	148	300	12,7	390	600	1000	3820	58	65	148	94	92,5	181	80	78
WN0416-356	168	356	12,7	630	980	1600	3225	72	75	168	118	104,5	210	90	87
WN0416-406	168	406	12,7	630	980	1600	2825	72	75	168	118	104,5	260	90	87
WN0419-406	194	406	12,7	1050	1650	2750	2825	85	85	194	138	121,5	260	100	97
WN0419-457	194	457	12,7	1050	1650	2750	2510	85	85	194	138	121,5	311	100	97
WN0421-406	214	406	12,7	1500	2400	3350	2825	92	95	214	153	135,5	260	110	107
WN0421-514	214	514	12,7	1500	2400	3350	2510	92	95	214	153	135,5	311	110	107
WN0424-457	240	457	12,7	2400	3700	4200	2510	102	100	240	168	146	311	120	117
WN0424-514	240	514	12,7	2400	3700	4200	2230	102	100	240	168	146	368	120	117
WN0426-457	265	457	12,7	3700	5800	8700	2510	120	115	265	195	164	311	140	137
WN0426-514	265	514	12,7	3700	5800	8700	2230	120	115	265	195	164	368	140	137
WN0429-514	295	514	12,7	4900	7550	9800	2230	130	130	295	214	181	368	150	147
WN0429-610	295	610	12,7	4900	7550	9800	1880	130	130	295	214	181	464	150	147
WN0433-514	330	514	12,7	6400	9900	10600	2230	150	135	330	248	208	368	160	156
WN0433-610	330	610	12,7	6400	9900	10600	1880	150	135	330	248	208	464	160	156
WN0437-610	370	610	12,7	8900	14000	13500	1880	170	160	370	278	241	464	180	176
WN0437-711	370	711	12,7	8900	14000	13500	1615	170	160	370	278	241	565	180	176
WN0441-610	415	610	12,7	13200	20500	16000	1880	185	180	415	308	275	464	200	196
WN0441-711	415	711	12,7	13200	20500	16000	1615	185	180	415	308	275	565	200	196
WN0441-812	415	812	12,7	13200	20500	16000	1410	185	180	415	308	275	660	200	196
WN0441-915	415	915	12,7	13200	20500	16000	1255	185	180	415	308	275	760	200	196

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Elastomer Jaw Couplings RINGFEDER® TNM GTW

Identifier	Size	C_{GTW1} [1]	C_{GTW2} [1]	L	L_2	L_3	E	F_E	EE	Gw_{BS}	Gw_{ub}
		mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
WN0411-250	112	55,8	2,5	133	38,5	32,5	3,5	+/- 1,0	15	6,1	8,8
WN0411-300	112	53,8	-2,5	133	38,5	32,5	3,5	+/- 1,0	15	9,1	11,7
WN0412-300	128	60,8	4,5	154	45,5	42	3,5	+/- 1,0	16	10,5	14,6
WN0414-300	148	67,8	11,5	176	52,5	47	3,5	+/- 1,0	18	12,1	18,4
WN0416-356	168	81,8	2,5	198	56,5	52,5	3,5	+/- 1,5	21	18,4	28,0
WN0416-406	168	84,8	2,5	198	56,5	52,5	3,5	+/- 1,5	21	21,3	31,0
WN0419-406	194	90,8	8,5	221	62,5	60	3,5	+/- 1,5	24	25,2	39,1
WN0419-457	194	87,8	8,5	221	62,5	60	3,5	+/- 1,5	24	30,1	44,0
WN0421-406	214	96,8	14,5	243	68,5	66,5	4	+/- 2,0	26	29,7	48,8
WN0421-514	214	93,8	14,5	243	68,5	66,5	4	+/- 2,0	26	34,5	53,6
WN0424-457	240	100,8	21,5	267	75,5	75,5	4	+/- 2,0	30	40,4	67,0
WN0424-514	240	100,8	21,5	267	75,5	75,5	4	+/- 2,0	30	45,4	72,0
WN0426-457	265	115,8	36,5	310	90,5	88	5,5	+/- 2,5	33	51,9	89,4
WN0426-514	265	115,8	36,5	310	90,5	88	5,5	+/- 2,5	33	56,7	94,2
WN0429-514	295	123,8	44,5	334	98,5	96	8	+/- 2,5	37	65,7	113,5
WN0429-610	295	123,8	44,5	334	98,5	96	8	+/- 2,5	37	76,7	124,5
WN0433-514	330	129,8	50,5	356	104,5	101,5	8	+/- 2,5	40	82,8	149,3
WN0433-610	330	129,8	50,5	356	104,5	101,5	8	+/- 2,5	40	93,8	160,3
WN0437-610	370	143,8	64,5	399	118,5	117	8	+/- 2,5	43	118,8	212,7
WN0437-711	370	140,8	64,5	399	118,5	117	8	+/- 2,5	43	134,1	227,9
WN0441-610	415	160,8	81,5	441	135,5	131	8	+/- 2,5	45	149,8	279,5
WN0441-711	415	157,8	81,5	441	135,5	131	8	+/- 2,5	45	164,7	294,3
WN0441-812	415	151,8	81,5	441	135,5	131	8	+/- 2,5	45	196,8	326,4
WN0441-915	415	151,8	81,5	441	135,5	131	8	+/- 2,5	45	227,2	356,8

[1] Assembly of brake disc optionally, standard combination GTW1, otherwise GTW2
[2] Attention on peak load – see chapter „RINGFEDER® TNM Basic information“ in Product Paper & Tech Paper „RINGFEDER® Elastomer Jaw Couplings“
[3] Set screw on demand
[4] Choose brake disc assembly in a way, that brake torque does not affect intermediate ring

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Elastomer Jaw Couplings RINGFEDER® TNM GTW

Explanation

A = Max. outer diameter
SB = Disc width
T_{KNPb72} = Coupling nominal torque by using the elastic element Pb72
T_{KNPb82} = Coupling nominal torque by using the elastic element Pb82
T_{BR} = Brake torque
n_{max} = Max. rotation speed
d_{1kmax} = Max. bore diameter d_1 with keyway acc. to DIN 6885-1
d_{2kmax} = Max. bore diameter d_2 with keyway acc. to DIN 6885-1
D_1 = Outer diameter
D_2 = Outer diameter hub
D_4 = Outer diameter hub
D_6 = Diameter
C_1 = Guided length in hub bore
C_2 = Guided length in hub bore
C_{GTW1} = Distance, when using brake disc assembly GTW1
C_{GTW2} = Distance, when using brake disc assembly GTW2
L = Total length
L_2 = Length on the hub
L_3 = Length
E = Gap width between left and right component
F_E = Tolerance of the gap width E
EE = Distance of the hubs
Gw_{BS} = Weight of part with brake disc, unbored
Gw_{ub} = Weight, unbored

Ordering example

Identifier	Size	d_{1k}	d_{2k}	Buffer identifier (optional) [5]	Further details
WN0419-406	194	80	62	Pb82	*

[5] Details on elastomer materials see chapter „Introduction“ and „RINGFEDER® TNM Basic information“ in Product Paper & Tech Paper „RINGFEDER® Elastomer Jaw Couplings“
*) 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® TNM GTW
on **www.ringfeder.com**

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RINGFEDER POWER TRANSMISSION