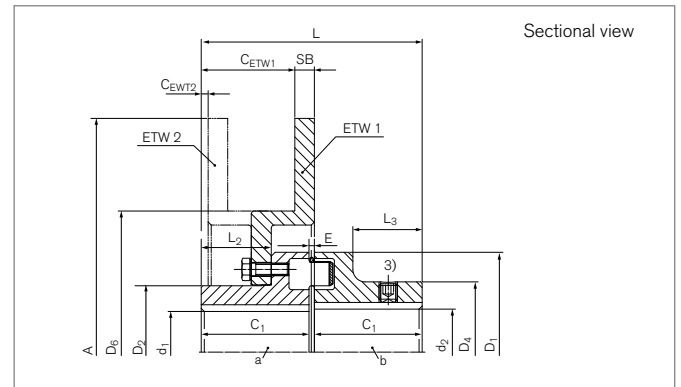


# Elastomer Jaw Couplings

## RINGFEDER® TNM ETW

One part design with brake disc



Identifier	Size	A	SB	T <sub>KNPb72</sub> <sup>2)</sup>	T <sub>KNPb82</sub> <sup>2)</sup>	T <sub>BR</sub> <sup>4)</sup>	η <sub>max</sub>	d <sub>1kmax</sub>	d <sub>2kmax</sub>	D <sub>1</sub>	D <sub>2</sub>	D <sub>4</sub>	D <sub>6</sub>	C <sub>1</sub>
		mm	mm	Nm	Nm	Nm	1/min	mm	mm	mm	mm	mm	mm	mm
WNO311-250	112	250	12,7	150	230	450	4580	42	48	112	68	79	128	60
WNO311-300	112	300	12,7	150	230	450	3820	42	48	112	68	79	181	60
WNO312-300	128	300	12,7	250	380	550	3820	52	55	128	85	90	181	70
WNO314-300	148	300	12,7	390	600	1000	3820	58	65	148	94	107	181	80
WNO316-356	168	356	12,7	630	980	1600	3225	72	75	168	118	124	210	90
WNO316-406	168	406	12,7	630	980	1600	2825	72	75	168	118	124	260	90
WNO319-406	194	406	12,7	1050	1650	2750	2825	85	85	194	138	140	260	100
WNO319-457	194	457	12,7	1050	1650	2750	2510	85	85	194	138	140	311	100
WNO321-406	214	406	12,7	1500	2400	3350	2825	92	95	214	153	157	260	110
WNO321-514	214	514	12,7	1500	2400	3350	2510	92	95	214	153	157	311	110
WNO324-457	240	457	12,7	2400	3700	4200	2510	102	110	240	168	179	311	120
WNO324-514	240	514	12,7	2400	3700	4200	2230	102	110	240	168	179	368	120
WNO326-457	265	457	12,7	3700	5800	8700	2510	120	120	265	195	198	311	140
WNO326-514	265	514	12,7	3700	5800	8700	2230	120	120	265	195	198	368	140
WNO329-514	295	514	12,7	4900	7550	9800	2230	130	130	295	214	214	368	150
WNO329-610	295	610	12,7	4900	7550	9800	1880	130	130	295	214	214	464	150
WNO333-514	330	514	12,7	6400	9900	10600	2230	150	150	330	248	248	368	160
WNO333-610	330	610	12,7	6400	9900	10600	1880	150	150	330	248	248	464	160
WNO337-610	370	610	12,7	8900	14000	13500	1880	170	170	370	278	278	464	180
WNO337-711	370	711	12,7	8900	14000	13500	1615	170	170	370	278	278	565	180
WNO341-610	415	610	12,7	13200	20500	16000	1880	185	190	415	308	315	464	200
WNO341-711	415	711	12,7	13200	20500	16000	1615	185	190	415	308	315	565	200
WNO341-812	415	812	12,7	13200	20500	16000	1410	185	190	415	308	315	660	200
WNO341-915	415	915	12,7	13200	20500	16000	1255	185	190	415	308	315	760	200

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## Elastomer Jaw Couplings RINGFEDER® TNM ETW

Identifier	Size	CETW1 <sup>1)</sup>	CETW2 <sup>1)</sup>	L	L <sub>2</sub>	L <sub>3</sub>	E	F <sub>E</sub>	G <sub>WBS</sub>	G <sub>Wub</sub>
		mm	mm	mm	mm	mm	mm	mm	kg	kg
WNO311-250	112	55,8	2,5	123,5	38,5	38	3,5	+/- 1,0	6,1	8,8
WNO311-300	112	53,8	-2,5	123,5	38,5	38	3,5	+/- 1,0	9,1	11,7
WNO312-300	128	60,8	4,5	143,5	45,5	45	3,5	+/- 1,0	10,5	14,6
WNO314-300	148	67,8	11,5	163,5	52,5	52	3,5	+/- 1,0	12,1	18,4
WNO316-356	168	81,8	2,5	183,5	56,5	56	3,5	+/- 1,5	18,4	28,0
WNO316-406	168	84,8	2,5	183,5	56,5	56	3,5	+/- 1,5	21,3	31,0
WNO319-406	194	90,8	8,5	203,5	62,5	62	3,5	+/- 1,5	25,2	39,1
WNO319-457	194	87,8	8,5	203,5	62,5	62	3,5	+/- 1,5	30,1	44,0
WNO321-406	214	96,8	14,5	224	68,5	68	4	+/- 2,0	29,7	48,8
WNO321-514	214	93,8	14,5	224,0	68,5	68	4	+/- 2,0	34,5	53,6
WNO324-457	240	100,8	21,5	244	75,5	75	4	+/- 2,0	40,4	67,0
WNO324-514	240	100,8	21,5	244	75,5	75	4	+/- 2,0	45,4	72,0
WNO326-457	265	115,8	36,5	285,5	90,5	90	5,5	+/- 2,5	51,9	89,4
WNO326-514	265	115,8	36,5	285,5	90,5	90	5,5	+/- 2,5	56,7	94,2
WNO329-514	295	123,8	44,5	308	98,5	98	8	+/- 2,5	65,7	113,5
WNO329-610	295	123,8	44,5	308	98,5	98	8	+/- 2,5	76,7	124,5
WNO333-514	330	129,8	50,5	328,0	104,5	104	8	+/- 2,5	82,8	149,3
WNO333-610	330	129,8	50,5	328	104,5	104	8	+/- 2,5	93,8	160,3
WNO337-610	370	143,8	64,5	368	118,5	118	8	+/- 2,5	118,8	212,7
WNO337-711	370	140,8	64,5	368	118,5	118	8	+/- 2,5	134,1	227,9
WNO341-610	415	160,8	81,5	408	135,5	135	8	+/- 2,5	149,8	279,5
WNO341-711	415	157,8	81,5	408	135,5	135	8	+/- 2,5	164,7	294,3
WNO341-812	415	151,8	81,5	408	135,5	135	8	+/- 2,5	196,8	326,4
WNO341-915	415	151,8	81,5	408	135,5	135	8	+/- 2,5	227,2	356,8

<sup>1)</sup> Assembly of brake disc optionally, standard combination ETW1, otherwise ETW2

<sup>2)</sup> Attention on peak load – see chapter „RINGFEDER® TNM Basic information“ in Product Paper & Tech Paper „RINGFEDER® Elastomer Jaw Couplings“

<sup>3)</sup> Set screw on demand

<sup>4)</sup> Choose brake disc assembly in a way, that brake torque does not affect intermediate ring

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## Elastomer Jaw Couplings RINGFEDER® TNM ETW

### Explanation

<b>A</b>	= Max. outer diameter	<b>D<sub>1</sub></b>	= Outer diameter	<b>L<sub>3</sub></b>	= Length
<b>SB</b>	= Disc width	<b>D<sub>2</sub></b>	= Outer diameter hub	<b>E</b>	= Gap width between left and right component
<b>T<sub>KNPb72</sub></b>	= Coupling nominal torque by using the elastic element Pb72	<b>D<sub>4</sub></b>	= Outer diameter hub	<b>FE</b>	= Tolerance of the gap width E
<b>T<sub>KNPb82</sub></b>	= Coupling nominal torque by using the elastic element Pb82	<b>D<sub>6</sub></b>	= Diameter	<b>GWBS</b>	= Weight of part with brake disc, unbored
<b>T<sub>BR</sub></b>	= Brake torque	<b>C<sub>1</sub></b>	= Guided length in hub bore	<b>GWub</b>	= Weight, unbored
<b>n<sub>max</sub></b>	= Max. rotation speed	<b>C<sub>ETW1</sub></b>	= Distance when using brake disc assembly ETW1		
<b>d<sub>1kmax</sub></b>	= Max. bore diameter d <sub>1</sub> with keyway acc. to DIN 6885-1	<b>C<sub>ETW2</sub></b>	= Distance, when using brake disc assembly ETW2		
<b>d<sub>2kmax</sub></b>	= Max. bore diameter d <sub>2</sub> with keyway acc. to DIN 6885-1	<b>L</b>	= Total length		
		<b>L<sub>2</sub></b>	= Length on the hub		

### Ordering example

Identifier	Size	d <sub>1k</sub>	d <sub>2k</sub>	Buffer identifier (optional) <sup>5)</sup>	Further details
WN0319-406	194	80	62	Pb82	*

<sup>5)</sup> Details on elastomer materials see chapter „Introduction“ and „RINGFEDER® TNM Basic information“ in Product Paper & Tech Paper „RINGFEDER® Elastomer Jaw Couplings“

<sup>7)</sup> 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 ETW**  
 on [www.ringfeder.com](http://www.ringfeder.com)

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