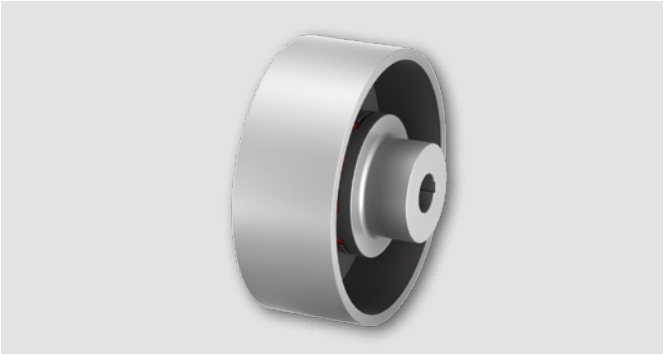
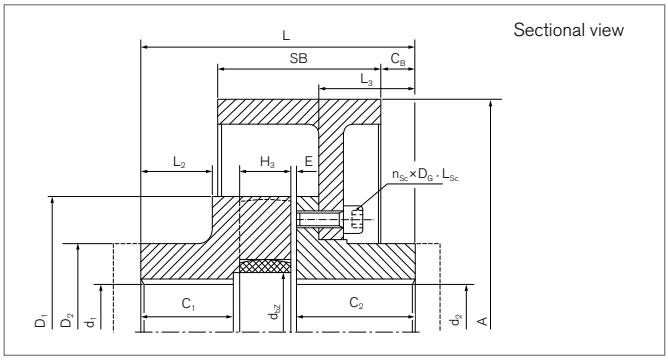
Elastomer Jaw Couplings
RINGFEDER® TNS S-BT
Coupling with standard hub and brake drum





Identifier	Size	A	SB	T_{KN}	T_{Kmax}	T_{BR}	n_{max}	d_{1kmax}	d_{2kmax}	D_1	D_2	C_1	C_2	C_B
		mm	mm	Nm	Nm	Nm	1/min	mm	mm	mm	mm	mm	mm	mm
WS0510-200	100	200	75	130	390	260	4200	48	42	105	75	49,5	49,5	14
WS0512-200	125	200	75	250	750	310	4200	55	55	126	85	56,5	56,5	20
WS0514-200	145	200	75	400	1200	730	4200	65	65	145	95	61	61	21
WS0514-250	145	250	95	400	1200	730	3400	65	65	145	95	61	61	13
WS0517-250	170	250	95	630	1900	1200	3400	85	85	170	120	75	75	27
WS0517-315	170	315	118	630	1900	1350	2700	85	85	170	120	75	75	13
WS0520-315	200	315	118	1100	3300	2450	2700	95	95	200	135	99	99	38
WS0520-400	200	400	150	1100	3300	2650	2100	95	95	200	135	99	99	26
WS0523-400	230	400	150	1700	5150	3800	2100	105	105	230	150	110	110	36
WS0523-500	230	500	190	1700	5150	3800	1700	105	105	230	150	110	110	25
WS0526-500	260	500	190	2650	7950	9000	1700	125	125	260	180	112,5	112,5	25
WS0530-630	300	630	236	3900	11700	10500	1360	140	140	300	200	131,5	131,5	20
WS0530-710	300	710	265	3900	11700	11000	1200	140	140	300	200	131,5	131,5	0
WS0536-630	360	630	236	6500	19500	26000	1360	150	150	360	210	172	172	51
WS0536-710	360	710	265	6500	19500	26000	1200	150	150	360	210	172	172	34
WS0540-710	400	710	265	8900	26700	35000	1200	160	160	400	225	163,5	163,5	30

For further information see chapter „Introduction“ as well as chapter „Elastomer Jaw Couplings RINGFEDER® TNS Basic information“ in the Product Paper & Tech Paper „RINGFEDER® Elastomer Jaw Couplings“

To continue see next page

Elastomer Jaw Couplings RINGFEDER® TNS S-BT

Identifier	Size	C_B	L	L_2	L_3	E	F_E	H_3	d_{be}	Screws ISO 4762 - 8.8				Gw_{ub}
										n_{Sc}	D_G	L_{Sc}	T_A [1)]	
		mm	mm	mm	mm	mm	mm	mm	mm		mm	mm	Nm	kg
WS0510-200	100	14	125	37,5	39,5	3	+ 2,0	20	42	6	8	20	25	9,4
WS0512-200	125	20	145	44	45,5	3.5	+ 2,5	25	54	6	8	20	25	12,0
WS0514-200	145	21	160	47,5	48,5	4	+ 2,5	30	66	6	10	25	49	15,2
WS0514-250	145	13	160	47,5	48,5	4	+ 2,5	30	66	6	10	25	49	19,8
WS0517-250	170	27	190	60,5	62	5	+ 3,0	30	90	8	10	25	49	26,7
WS0517-315	170	13	190	60,5	62	5	+ 3,0	30	90	8	10	30	49	36,1
WS0520-315	200	38	245	79,5	84	6	+ 3,0	35	100	8	12	30	85	48,0
WS0520-400	200	26	245	79,5	84	6	+ 3,0	35	100	8	12	35	85	64,6
WS0523-400	230	36	270	88,5	93	7	+ 3,5	35	115	10	12	35	85	75,8
WS0523-500	230	25	270	88,5	93	7	+ 3,5	35	115	10	12	35	85	103,1
WS0526-500	260	25	285	88,5	91	7	+ 4,0	45	150	10	16	40	210	121,6
WS0530-630	300	20	330	107,5	110,5	7	+ 4,0	50	162	10	16	45	210	199,4
WS0530-710	300	0	330	107,5	110,5	7	+ 4,0	50	162	10	16	50	210	255,9
WS0536-630	360	51	417	140	144	8	+ 4,0	55	215	12	20	50	425	261,0
WS0536-710	360	34	417	140	144	8	+ 4,0	55	215	12	20	55	425	304,5
WS0540-710	400	30	400	137	141	7.5	+ 4,0	55	250	14	20	50	425	317,6

Explanation

A = Max. outer diameter
SB = Disc width
T_{KN} = Nom. Transmissible torque
T_{Kmax} = Max. transmissible torque of the coupling
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
C_1 = Guided length in hub bore
C_1 = Guided length in hub bore
C_B = Brake disc distance
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
H_3 = Length of damping module
d_{be} = Inner diameter elastic intermediate ring
n_{Sc} = Quantity of screws
D_G = Thread
L_{Sc} = Screw length
F_{Sc} = Screw strength class
T_A = Max tightened torque of the clamping screws
Gw_{ub} = Weight, unbored

Ordering example

Identifier	Size	d_{1k}	d_{2k}	Further details
WS0523-400	**230**	**105**	**105**	*

*) 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® TNS S-BT
on **www.ringfeder.com**

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RINGFEDER POWER TRANSMISSION