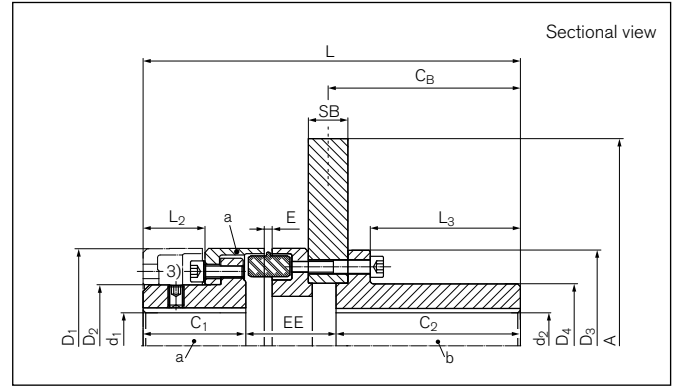


# Elastomer Jaw Couplings **TNM GHBS**

With brake disc in steel, multi-part design, to change the intermediate ring and the brake disc without axial movement of the driven parts



### Dimensions / Technical data

- |                           |  |                          |  |                        |  |
|---------------------------|--|--------------------------|--|------------------------|--|
| <b>A</b>                  | = Max. outer diameter  | <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>SB</b>                 | = Disc width   | <b>D<sub>1</sub></b>     | = Outer diameter hub   | <b>L<sub>2</sub></b>   | = Length on the hub                          |
| <b>T<sub>KNPb72</sub></b> | = Coupling nominal torque by using the elastic element Pb72        | <b>D<sub>2</sub></b>     | = Outer diameter hub   | <b>L<sub>3</sub></b>   | = Length on the hub                          |
| <b>T<sub>KNPb82</sub></b> | = Coupling nominal torque by using the elastic element Pb82        | <b>D<sub>3</sub></b>     | = Outer diameter hub   | <b>E</b>               | = Gap width between left and right component |
| <b>T<sub>BR</sub></b>     | = Brake torque   | <b>D<sub>4</sub></b>     | = Outer diameter hub   | <b>F<sub>E</sub></b>   | = Tolerance of the gap width E               |
| <b>n<sub>max</sub></b>    | = Max. rotation speed  | <b>C<sub>1</sub></b>     | = Guided length in hub bore  | <b>EE</b>              | = Distance of the hubs                       |
| <b>d<sub>1kmax</sub></b>  | = Max. bore diameter d <sub>1</sub> with keyway acc. to DIN 6885-1 | <b>C<sub>2</sub></b>     | = Guided length in hub bore  | <b>G<sub>wa</sub></b>  | = Weight of subassembly a                    |
|                           |  | <b>C<sub>B</sub></b>     | = Brake disk distance  | <b>G<sub>wub</sub></b> | = Weight, unbored                            |

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>	n <sub>max</sub>	d <sub>1kmax</sub>	d <sub>2kmax</sub>	D <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	D <sub>4</sub>
		mm	mm	Nm	Nm	Nm	1/min	mm	mm	mm	mm	mm	mm
WN1514-315	148	315	30	390	600	1000	4500	65	65	148	92,5	145	94
WN1516-355	168	355	30	630	980	1600	4000	75	80	168	104,5	168	115
WN1516-400	168	400	30	630	980	1600	4000	75	80	168	104,5	168	115
WN1516-450	168	450	30	630	980	1600	3750	75	80	168	104,5	168	115
WN1519-400	194	400	30	1050	1650	2750	3500	85	95	194	121,5	194	135
WN1519-560	194	560	30	1050	1650	2750	3000	85	95	194	121,5	194	135
WN1524-450	240	450	30	2400	3700	4200	2750	100	115	240	146	225	165
WN1524-560	240	560	30	2400	3700	4200	2750	100	115	240	146	225	165
WN1524-630	240	630	30	2400	3700	4200	2750	100	115	240	146	225	165
WN1526-500	265	500	30	3700	5800	8700	2500	115	135	265	164	265	195
WN1526-560	265	560	30	3700	5800	8700	2500	115	135	265	164	265	195
WN1526-710	265	710	30	3700	5800	8700	2400	115	135	265	164	265	195
WN1529-630	295	630	30	4900	7550	9800	2250	130	153	295	181	295	215
WN1529-710	295	710	30	4900	7550	9800	2250	130	153	295	181	295	215

To continue see next page

# Elastomer Jaw Couplings TNM GHBS

Identifier	Size	C <sub>1</sub>	C <sub>2</sub>	C <sub>B</sub>	L	L <sub>2</sub>	L <sub>3</sub>	E	F <sub>E</sub>	EE	G <sub>wa</sub> <sup>1)</sup>	G <sub>wub</sub>
		mm	mm	mm	mm	mm	mm		mm	mm	kg	kg
WN1514-315	148	78	140	146	286,5	47	119	6	+/- 1,0	68,5	6,7	34
WN1516-355	168	87	140	146	304,5	52,5	116	6	+/- 1,5	77,5	9,7	46
WN1516-400	168	87	140	146	304,5	52,5	116	6	+/- 1,5	77,5	9,7	52
WN1516-450	168	87	140	146	304,5	52,5	116	6	+/- 1,5	77,5	9,7	60
WN1519-400	194	97	140	146	321,5	60	112	6	+/- 1,5	84,5	14,6	63
WN1519-560	194	97	140	146	321,5	60	112	6	+/- 1,5	84,5	14,6	91
WN1524-450	240	117	140	146	354	75,5	109,5	6,5	+/- 2,0	97	25,7	92
WN1524-560	240	117	140	146	354	75,5	109,5	6,5	+/- 2,0	97	25,7	113
WN1524-630	240	117	140	146	354	75,5	109,5	6,5	+/- 2,0	97	25,7	128
WN1526-500	265	137	140	146	381,5	88	107	7	+/- 2,0	104,5	37,8	125
WN1526-560	265	137	140	146	381,5	88	107	7	+/- 2,0	104,5	37,8	137
WN1526-710	265	137	140	146	381,5	88	107	7	+/- 2,0	104,5	37,8	172
WN1529-630	295	147	140	146	396,5	96	106	8	+/- 2,0	109,5	49,3	175
WN1529-710	295	147	140	146	396,5	96	106	8	+/- 2,0	109,5	49,3	194

- <sup>1)</sup> Weight inclusive the half share of the intermediate ring
- <sup>2)</sup> Attention on peak load - take into account maximum torque notified in the catalogue TSCHAN® TNM - data overview page 11
- <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
- <sup>5)</sup> Details on elastomer materials see page 6 and 11 in the catalogue TSCHAN® TNM

### Ordering example : TSCHAN® TNM GHBS

Identifier	Size	d <sub>1k</sub>	d <sub>2k</sub>	Buffer identifier (optional) <sup>5)</sup>	Further details*)
WN1519-560	194	80	62	Pb82	*

<sup>\*)</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



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Subject to technical change.