

Partner for Performance



EN Data sheet

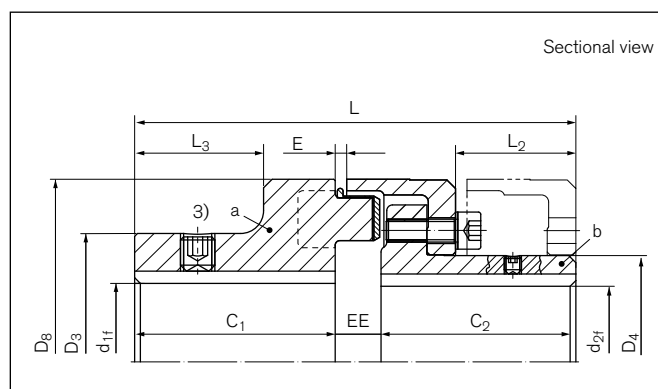
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TSCHAN® Elastomer Jaw Couplings

Type Nor-Mex® G

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



Dimensions / Technical data

- D₈** = Outer diameter
- T_{KNPb72}** = Coupling nominal torque using element Pb72
- T_{KNPb82}** = Coupling nominal torque using element Pb82
- n_{max}** = Max. rotation speed
- d_{1f max}** = Max. bore diameter d_{1f} with keyway or other form closure connection
- d_{2f max}** = Max. bore diameter d_{2f} with keyway or other form closure connection
- D₃** = Outer diameter hub
- D₄** = Outer diameter hub
- C₁** = Guided length in hub boring
- C₂** = Guided length in hub boring d₂
- L** = Total length
- L₂** = Length of the hub
- L₃** = Section length of hub
- E** = Gap width between left and right component
- F_E** = Tolerance of the gap width E
- EE** = Distance of the hubs
- F_{EE}** = Tolerance of the hub distance
- G_{wa}** = Weight of subassembly a
- G_{wub}** = Weight, unbored

Size D ₈	Identifier	T _{KNPb72} ²⁾	T _{KNPb82}	n _{max}	d _{1f max}	d _{2f max}	D ₃	D ₄	C ₁
mm		Nm	Nm	1/min	mm	mm	mm	mm	mm
82	WNO208	48	75	5000	32	32	53	44,5	40
97	WNO209	96	150	5000	42	39	69	54,5	50
112	WNO211	150	230	5000	48	46	79	64,5	60
128	WNO212	250	380	5000	55	53	90	74,5	70
148	WNO214	390	600	4500	65	65	107	92,5	80
168	WNO216	630	980	4000	75	75	124	104,5	90
194	WNO219	1050	1650	3500	85	85	140	121,5	100
214	WNO221	1500	2400	3000	95	95	157	135,5	110
240	WNO224	2400	3700	2750	110	100	179	146,0	120
265	WNO226	3700	5800	2500	120	115	198	164,0	140
295	WNO229	4900	7550	2250	130	130	214	181,0	150
330	WNO233	6400	9900	2000	150	135	248	208,0	160
370	WNO237	8900	14000	1750	170	160	278	241,0	180
415	WNO241	13200	20500	1500	190	180	315	275,0	200
480	WNO248	18000	28000	1400	210	200	315	289,0	220
575	WNO257	27000	41000	1200	230	280	350	368,0	240

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Identifier	C ₂	L	L ₂	L ₃	E	F _E	EE	F _{EE}	G _{wa}	G _{Wub}
	mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
WNO208	40	92,0	20,0	24	3,0	+/- 1,0	12	+/- 1,0	0,9	2,00
WNO209	49	113,0	30,5	30	3,0	+/- 1,0	14	+/- 1,0	1,7	3,40
WNO211	58	133,0	32,5	38	3,5	+/- 1,0	15	+/- 1,0	2,6	5,50
WNO212	68	154,0	42,0	45	3,5	+/- 1,0	16	+/- 1,0	4,1	8,30
WNO214	78	176,0	47,0	52	3,5	+/- 1,0	18	+/- 1,0	6,3	13,10
WNO216	87	198,0	52,5	56	3,5	+/- 1,5	21	+/- 1,5	9,6	19,40
WNO219	97	221,0	60,0	62	3,5	+/- 1,5	24	+/- 1,5	13,8	28,60
WNO221	107	243,0	66,5	68	4,0	+/- 2,0	26	+/- 2,0	19,1	38,80
WNO224	117	267,0	75,5	75	4,0	+/- 2,0	30	+/- 2,0	26,7	52,40
WNO226	137	310,0	88,0	90	5,5	+/- 2,0	33	+/- 2,5	37,5	75,30
WNO229	147	334,0	96,0	98	8,0	+/- 2,5	37	+/- 2,5	47,9	97,30
WNO233	156	356,0	101,5	104	8,0	+/- 2,5	40	+/- 2,5	66,5	130,00
WNO237	176	399,0	117,0	118	8,0	+/- 2,5	43	+/- 2,5	93,9	183,60
WNO241	196	441,0	131,0	135	8,0	+/- 2,5	45	+/- 2,5	129,7	258,20
WNO248	220	485,0	149,0	150	8,0	+/- 2,5	45	+/- 2,5	164,4	346,50
WNO257	240	525,0	168,0	170	8,0	+/- 2,5	45	+/- 2,5	233,5	528,80

¹⁾ Weight inclusive the half share of the intermediate ring

²⁾ Attention on peak load - take into account maximum torque notified in the Nor-Mex® catalogue - data overview page 11

³⁾ Set screw on demand

Ordering example: Nor-Mex® G

Identifier	Pb	d _{1f}	d _{2f}	Further details*)
WNO219	72	80	62	*

^{*)} 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

Subject to technical change.