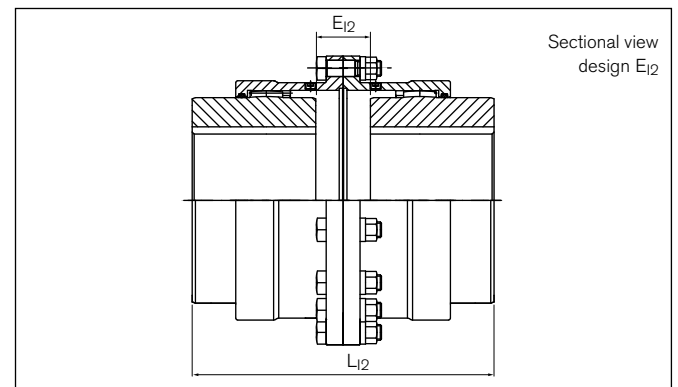
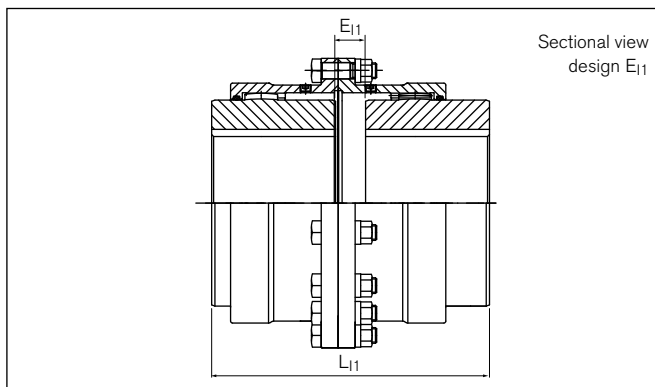
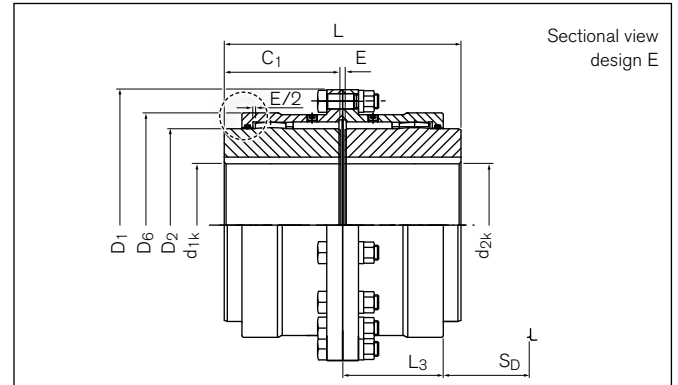
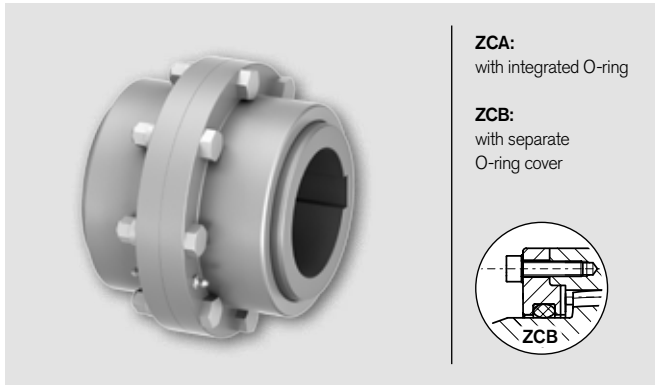


Gear Couplings **TNZ ZCA / TNZ ZCB**

Standard hubs



Dimensions / Technical data

T_{KN} = Nom. transmissible torque
T_{Kmax} = Max. transmissible torque of the coupling
n_{max} = Max. rotation speed
d_{1kmin}; d_{2kmin} = Min. bore diameter d₁/d₂ with keyway acc. to DIN 6885-1
d_{1kmax}; d_{2kmax} = Max. bore diameter d₁/d₂ with keyway acc. to DIN 6885-1

D₁ = Outer diameter
D₂ = Outer diameter hub
D₆ = Diameter
C₁ = Guided length in hub bore
E = Gap width between left and right component
E₁₁; E₁₂ = Gap width between left and right component of inverted variant 1/2
L = Total length

L₁₁; L₁₂ = Complete length of inverted variant 1/2
L₃ = Length
S_D = Disassembly space
ΔK_r = Max. permissible radial misalignment
ΔK_w = Max. permissible angular misalignment
J = Total moment of inertia
V_{GR} = Grease volume
GW_{sb} = Weight at smallest bore diameter

Identifier		Size	T _{KN}	T _{Kmax}	n _{max}	d _{1k} min-max	d _{2k} min-max	D ₁	D ₂	D ₆	C ₁
ZCA	ZCB		Nm	Nm	1/min	mm	mm	mm	mm	mm	mm
XC2106	---	69	1750	3500	6000	12 - 50	12 - 50	111	69	81,5	43
XC2108	---	85	2750	5500	4600	18 - 60	18 - 60	152	85	103,5	50
XC2110	XC3110	107	5500	11000	4200	28 - 75	28 - 75	178	107	127,5	62
XC2113	XC3113	133	8500	17000	4000	40 - 95	40 - 95	213	133	156	76

To continue see next page

Gear Couplings TNZ ZCA / TNZ ZCB

Identifier		Size	T _{KN}	T _{Kmax}	n _{max}	d _{1k} min-max	d _{2k} min-max	D ₁	D ₂	D ₆	C ₁
ZCA	ZCB		Nm	Nm	1/min	mm	mm	mm	mm	mm	mm
XC2115	XC3115	152	13500	27000	3850	50 - 110	50 - 110	240	152	181	90
XC2117	XC3117	179	22000	44000	3700	60 - 130	60 - 130	280	178	209	105
XC2120	XC3120	209	35000	70000	3200	70 - 155	70 - 155	318	209	245,5	120
XC2123	XC3123	234	43000	86000	2900	85 - 170	85 - 170	346	234	274	135
XC2125	XC3125	254	68000	136000	2600	95 - 190	95 - 190	389	254	307	150
XC2127	XC3127	279	82000	164000	2300	110 - 210	110 - 210	425	279	334,5	175
XC2130	XC3130	305	150000	300000	2100	120 - 230	120 - 230	457	305	366	190
XC2135	XC3135	355	195000	390000	1800	130 - 270	130 - 270	527	355	423	220

Identifier		Size	E	E ₁₁	E ₁₂	L	L ₁₁	L ₁₂	L ₃	S _D	ΔK _r	ΔK _w	J	V _{GR}	Gw _{sb}
ZCA	ZCB		mm	mm	mm	mm	mm	mm	mm	mm	mm	degree	10 ⁻³ kgm ²	dm ³	kg
XC2106	---	69	3	5	7	89	91	93	39	29,5	0,42	2 x 0,5	4	0,07	4,1
XC2108	---	85	3	8	13	103	108	113	46	36,5	0,51	2 x 0,5	18	0,08	8,7
XC2110	XC3110	107	3	14	25	127	138	149	59	47,5	0,66	2 x 0,5	40	0,13	14,4
XC2113	XC3113	133	5	12	19	157	164	171	69	55,5	0,77	2 x 0,5	102	0,22	25,6
XC2115	XC3115	152	5	24	43	185	204	223	83	69,5	0,99	2 x 0,5	187	0,38	37,3
XC2117	XC3117	179	6	27	48	216	237	258	93	79	1,15	2 x 0,5	407	0,58	58,9
XC2120	XC3120	209	6	32	58	246	272	298	106	92	1,33	2 x 0,5	801	0,75	88,6
XC2123	XC3123	234	8	37	66	278	307	336	118	103	1,5	2 x 0,5	1248	1,25	116,1
XC2125	XC3125	254	8	50	92	308	350	392	138	120	1,75	2 x 0,5	2370	1,92	166,0
XC2127	XC3127	279	8	53	98	358	403	448	154	136	1,99	2 x 0,5	3638	2,67	219,2
XC2130	XC3130	305	8	58	108	388	438	488	166	148	2,16	2 x 0,5	4830	3,33	265,9
XC2135	XC3135	355	10	72	134	450	512	574	193	174	2,55	2 x 0,5	10022	5,00	415,8

- Examine the load capacity of the shaft-hub connection
- Hubs pilot bored, bore diameter 2 mm smaller than smallest finish bore diameter

Ordering example : TSCHAN ® TNZ ZCA / TNZ ZCB

Identifier	Size	d _{1k}	d _{2k}	Further details
XC2113	133	70	90	*

* Without any other specification, we deliver as a standard: keyway acc. to DIN 6885-1, keyway side fit P9, bore tolerance H7; optional with set screw



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Subject to technical change.