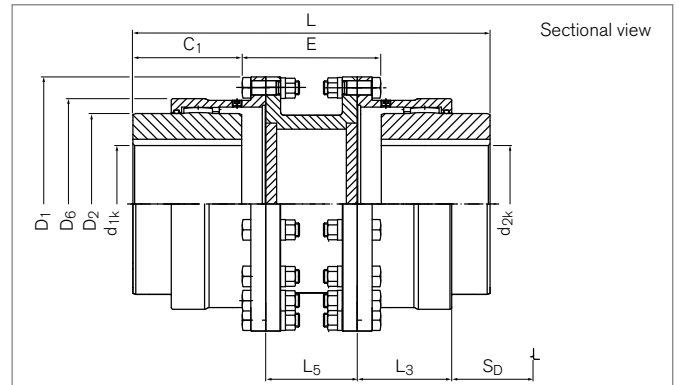
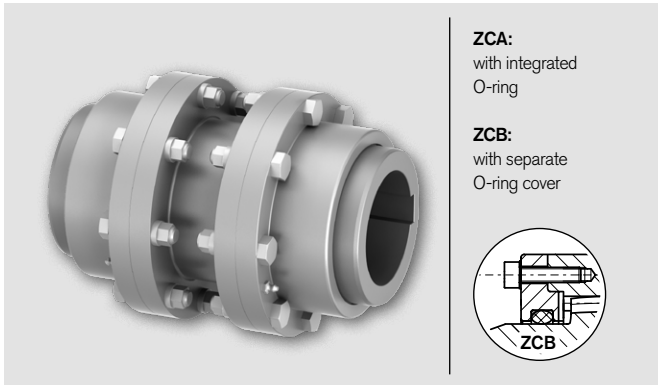


Gear Couplings

RINGFEDER® TNZ ZCAZ / TNZ ZCBZ

Standard hubs and spacer



Identifier		Size	T _{KN}	T _{Kmax}	n _{max}	d _{1k} min-max	d _{2k} min-max	D ₁	D ₂	D ₆	C ₁
ZCAZ	ZCBZ		Nm	Nm	1/min	mm	mm	mm	mm	mm	mm
XC4106	---	69	1750	3500	On request	12 - 50	12 - 50	111	69	81,5	43
XC4108	---	85	2750	5500		18 - 60	18 - 60	152	85	103,5	50
XC4110	XC5110	107	5500	11000		28 - 75	28 - 75	178	107	127,5	62
XC4113	XC5113	133	8500	17000		40 - 95	40 - 95	213	133	156	76
XC4115	XC5115	152	13500	27000		50 - 110	50 - 110	240	152	181	90
XC4117	XC5117	179	22000	44000		60 - 130	60 - 130	280	179	209	105
XC4120	XC5120	209	35000	70000		70 - 155	70 - 155	318	209	245,5	120
XC4123	XC5123	234	43000	86000		85 - 170	85 - 170	346	234	274	135
XC4125	XC5125	254	68000	136000		95 - 190	95 - 190	389	254	307	150
XC4127	XC5127	279	82000	164000		110 - 210	110 - 210	425	279	334,5	175
XC4130	XC5130	305	150000	300000		120 - 230	120 - 230	457	305	366	190
XC4135	XC5135	355	195000	390000		130 - 270	130 - 270	527	355	423	220

Identifier		Size	E _{min}	L _{min}	L ₃	L _{5min}	S _D	ΔK _r	ΔK _w	J	V _{GR}	GW _{sb}
ZCAZ	ZCBZ		mm	mm	mm	mm	mm	mm	degree	10 ⁻³ kgm ²	dm ³	kg
XC4106	---	69	67	153	39	60	30	Depends on E	2 x 0,5	Depends on E	2 x 0,035	Depends on E
XC4108	---	85	93	193	46	80	37		2 x 0,5		2 x 0,040	
XC4110	XC5110	107	115	239	59	90	48		2 x 0,5		2 x 0,065	
XC4113	XC5113	133	129	281	69	110	56		2 x 0,5		2 x 0,110	
XC4115	XC5115	152	153	333	83	110	70		2 x 0,5		2 x 0,190	
XC4117	XC5117	179	178	388	93	130	79		2 x 0,5		2 x 0,290	
XC4120	XC5120	209	188	428	106	130	92		2 x 0,5		2 x 0,375	
XC4123	XC5123	234	196	466	118	130	103		2 x 0,5		2 x 0,625	
XC4125	XC5125	254	252	552	138	160	120		2 x 0,5		2 x 0,960	
XC4127	XC5127	279	258	608	154	160	136		2 x 0,5		2 x 1,335	
XC4130	XC5130	305	268	648	166	160	148		2 x 0,5		2 x 1,665	
XC4135	XC5135	355	294	734	193	160	174		2 x 0,5		2 x 2,500	

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

To continue see next page

Gear Couplings RINGFEDER® TNZ ZCAZ / TNZ ZCBZ

Explanation

T_{KN}	= Nom. Transmissible torque	D₁	= Outer diameter	L_{5min}	= Min. length of spacer
T_{Kmax}	= Max. transmissible torque of the coupling	D₂	= Outer diameter hub	S_D	= Disassembly Space
n_{max}	= Max. rotation speed	D₆	= Diameter	ΔK_r	= Max. permissible radial misalignment
d_{1kmin};d_{2kmin}	= Min. bore diameter d ₁ /d ₂ with keyway acc. to DIN 6885-1	C₁	= Guided length in hub bore	ΔK_w	= Max. permissible angular misalignment
d_{1kmax};d_{2kmax}	= Max. bore diameter d ₁ /d ₂ with keyway acc. to DIN 6885-1	E_{min}	= Min. gap width between left and right component	J	= Total moment of inertia
		L_{min}	= Minimum length	V_{GR}	= Grease volume
		L₃	= Length	Gw_{sb}	= Weight at smallest bore diameter

Ordering example

Identifier	Size	d _{1k}	d _{2k}	Further details
XC5117	179	120	120	*

^{*)} 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

Further information on
RINGFEDER® TNZ ZCAZ / TNZ ZCBZ

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