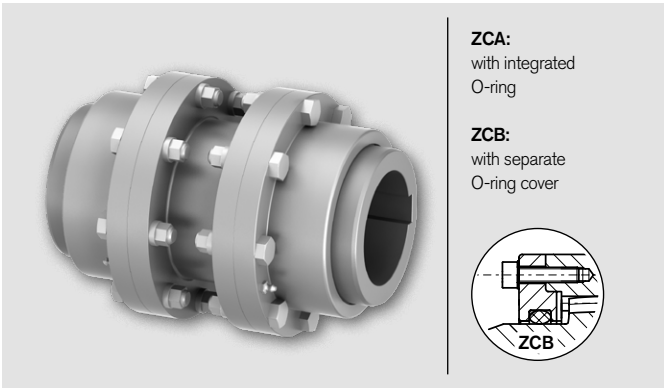
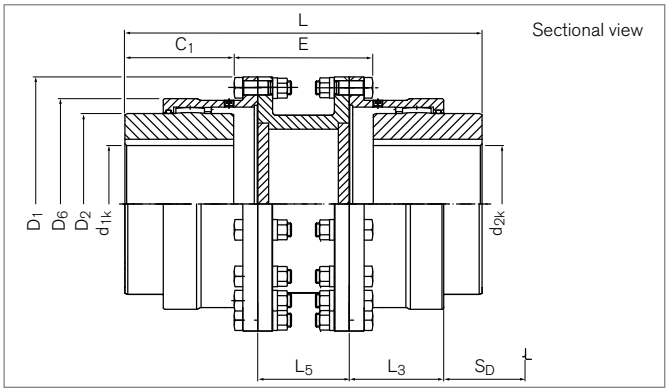
Gear Couplings
RINGFEDER® TNZ ZCAZ / TNZ ZCBZ
Standard hubs and spacer





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		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

On request

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		2 x 0,5		2 x 0,035	
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	

Depends on E

- 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

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Explanation

T_{KN}	= Nom. Transmissible torque	D_1	= Outer diameter	L_{5min}	= Min. length of spacer
T_{Kmax}	= Max. transmissible torque of the coupling	D_2	= Outer diameter hub	S_D	= Disassembly Space
n_{max}	= Max. rotation speed	D_6	= 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	C_1	= 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
		L_3	= 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
on **www.ringfeder.com**

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RINGFEDER POWER TRANSMISSION