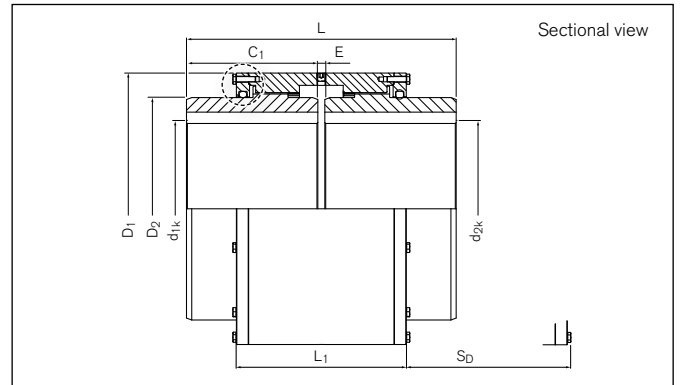
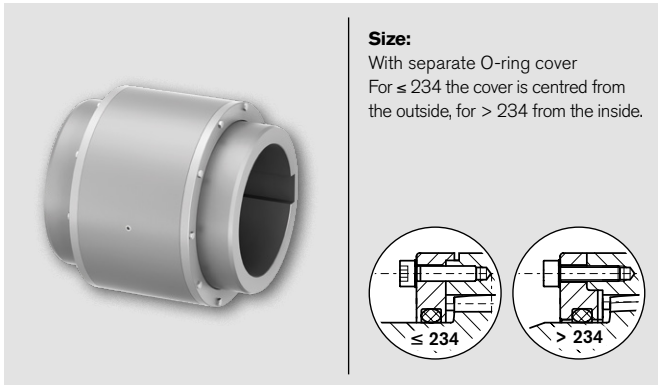


# Gear Couplings

## RINGFEDER® TNZ ZCH

### Standard hubs with one-piece casing



Identifier	Size	$T_{KN}$	$T_{Kmax}$	$n_{max}$	$d_{1k}$ min-max	$d_{2k}$ min-max	$D_1$	$D_2$
<b>ZCH</b>		Nm	Nm	1/min	mm	mm	mm	mm
XCD106	69	1750	3500	6000	12 - 50	12 - 50	98	69
XCD108	85	2750	5500	4600	18 - 60	18 - 60	115	85
XCD110	107	5500	11000	4200	28 - 75	28 - 75	145	107
XCD113	133	8500	17000	4000	40 - 95	40 - 95	176	133
XCD115	152	13500	27000	3850	50 - 110	50 - 110	196	152
XCD117	179	22000	44000	3700	60 - 130	60 - 130	225	179
XCD120	209	35000	70000	3200	70 - 155	70 - 155	256	209
XCD123	234	43000	86000	2900	85 - 170	85 - 170	286	234
XCD125	254	68000	136000	2600	95 - 190	95 - 190	310	254
XCD127	279	82000	164000	2300	110 - 210	110 - 210	345	279
XCD130	305	150000	300000	2100	120 - 230	120 - 230	375	305
XCD135	355	195000	390000	1800	130 - 270	130 - 270	430	355

Identifier	Size	$C_1$	$E$	$L$	$L_1$	$S_D$	$\Delta K_r$	$\Delta K_w$	$J$	$V_{GR}$	$G_{Wsb}$
<b>ZCH</b>		mm	mm	mm	mm	mm	mm	degree	$10^{-3}kgm^2$	$dm^3$	kg
XCD106	69	43	3	89	76	30	0,42	2 x 0,5	6	0,07	4,6
XCD108	85	50	3	103	83	37	0,51	2 x 0,5	11	0,08	7,0
XCD110	107	62	3	127	94	48	0,66	2 x 0,5	33	0,13	13,3
XCD113	133	76	5	157	123	56	0,77	2 x 0,5	93	0,22	24,5
XCD115	152	90	5	185	127	70	0,99	2 x 0,5	155	0,38	33,8
XCD117	179	105	6	216	144	79	1,15	2 x 0,5	327	0,58	50,5
XCD120	209	120	6	246	160	92	1,33	2 x 0,5	595	0,75	75,9
XCD123	234	135	8	278	178	103	1,50	2 x 0,5	1040	1,25	104,7
XCD125	254	150	8	308	194	120	1,75	2 x 0,5	1551	1,92	131,7
XCD127	279	175	8	358	220	136	1,99	2 x 0,5	2713	2,67	185,4
XCD130	305	190	8	388	234	148	2,16	2 x 0,5	4071	3,33	236,6
XCD135	355	220	10	450	264	174	2,16	2 x 0,5	8208	5,00	368,0

- 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 ZCH

### Explanation

<b>T<sub>KN</sub></b>	= Nom. Transmissible torque	<b>D<sub>1</sub></b>	= Outer diameter	<b>S<sub>D</sub></b>	= Disassembly Space
<b>T<sub>Kmax</sub></b>	= Max. transmissible torque of the coupling	<b>D<sub>2</sub></b>	= Outer diameter hub	<b>ΔK<sub>r</sub></b>	= Max. permissible radial misalignment
<b>n<sub>max</sub></b>	= Max. rotation speed	<b>C<sub>1</sub></b>	= Guided length in hub bore	<b>ΔK<sub>w</sub></b>	= Max. permissible angular misalignment
<b>d<sub>1kmin</sub>; d<sub>2kmin</sub></b>	= Min. bore diameter d <sub>1</sub> /d <sub>2</sub> with keyway acc. to DIN 6885-1	<b>E</b>	= Gap width between left and right component	<b>J</b>	= Total moment of inertia
<b>d<sub>1kmax</sub>; d<sub>2kmax</sub></b>	= Max. bore diameter d <sub>1</sub> /d <sub>2</sub> with keyway acc. to DIN 6885-1	<b>L</b>	= Total length	<b>V<sub>GR</sub></b>	= Grease volume
		<b>L<sub>1</sub></b>	= Overall length (without screws)	<b>G<sub>wsb</sub></b>	= Weight at smallest bore diameter

### Ordering example

Identifier	Size	d <sub>1k</sub>	d <sub>2k</sub>	Further details
XC0120	209	140	155	*

<sup>1)</sup> 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 ZCH**

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