

WITH CFK INTERMEDIATE TUBE AND SPLIT CLAMPING HUB 10 - 800 Nm

PROPERTIES



FEATURES

- ▶ for high speeds
- ▶ low moment of inertia
- ▶ high torsional stiffness
- ▶ capable of spanning long distances
- ▶ Standard lengths up to 4m, special lengths on request
- ▶ no intermediate support bearing required

► Intermediate tube: CFK

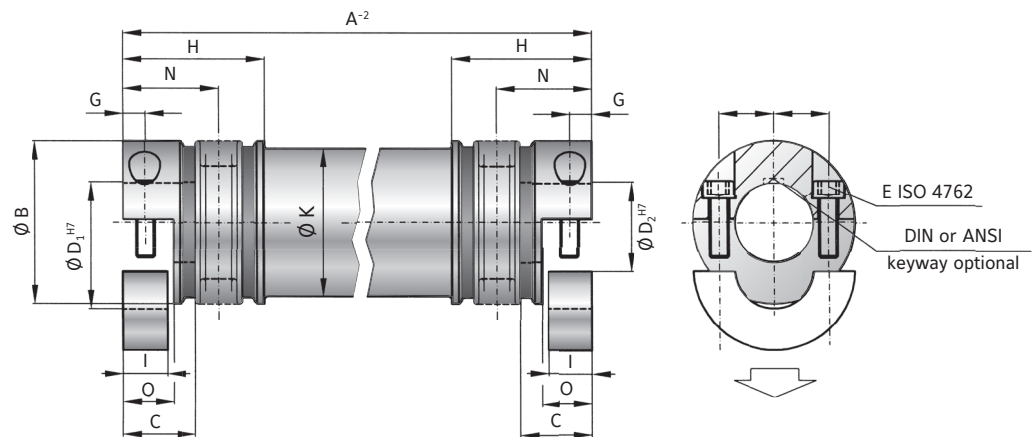
- ▶ **Hubs:** up to size 60 aluminum, size 150 and up steel

DESIGN

Two clamping hubs with two clamping screws in each. A special support system carries the weight of the tube on the hubs. Operable temperature range from -30 to +100 °C.

MATERIAL

- ▶ **Bellows:** high grade stainless steel



MODEL ZAL

SIZE		10	30	60	150	300	500	800
Rated torque (Nm)	T_{KN}	10	30	60	150	300	500	800
Overall length min. to max. (mm)	A^{-2}	110-2,000	150-4,000	190-4,000	210-4,000	260 - 4,000	320 - 4,000	340 - 4,000
Outside diameter clamping hub (mm)	B	40	55	66	81	110	123	133
Fit length (mm)	C	16	27	31	34.5	42	50	47
Inside diameter from Ø to Ø H7 (mm)	$D_{1/2}$	5 - 20	10 - 28	12 - 32	19 - 42	30 - 60	35 - 62	40 - 72
Max. inside diameter clamping hub (mm)	D_{max}	24	30	32	42	60	60	75
With keyway - max Ø H7 (mm)	$D_{1/2}$	17	23	29	36	60	62	66
ISO 4762 clamping screws	E	M4	M6	M8	M10	M12	M16	M16
Tightening torque (Nm)		5	15	40	70	130	200	250
Distance between centers (mm)	F	15	19	23	27	39	41	48
Distance (mm)	G	5	7.5	9.5	12	14	17	19
Length bellows body (mm)	H	40	52	66	73	80.5	95	100
Clamping length (mm)	I	10	15	19	22	28	33.5	37.5
Outside diameter tube section (mm)	K	35	52	63	79	102.5	115	127
Length (mm)	O	11.5	17	21	24	30	35	40
Shaft average value (mm)	N	25	34	41	47	56	66	65

For maximum misalignment values see page 16.

ORDERING EXAMPLE	ZAL	10	1551	18	19.05	XX
Model	●					
Size		●				
Overall length mm			●			
Bore D1 H7				●		
Bore D2 H7					●	
For custom features place an XX at the end of the part number and describe the special requirements (e.g. ZAL / 10 / 1551 / 18 / 19.05 / XX; XX=anodized aluminum hubs)						