

ZAL

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

ABOUT



FEATURES

- low moment of inertia
- for spanning larger distances between shaft ends
- standard lengths up to 6 meters
- no intermediate support bearings required
- good for higher speeds

MATERIAL

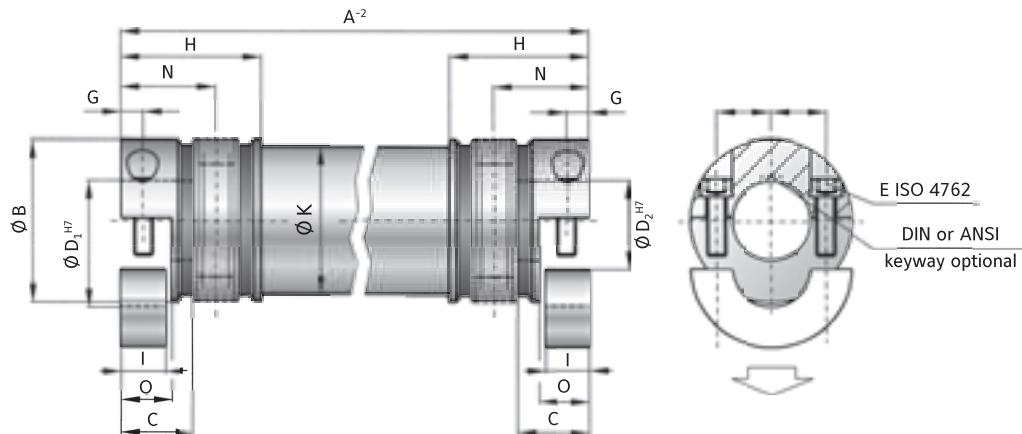
- **Bellows:** high grade stainless steel

► 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.



MODEL ZAL

SIZE	10	30	60	150	300	500	800
Rated torque (Nm)	T _{KN}	10	30	60	150	300	500
Overall length min. to max. (mm)	A-2	100 - 6000	130 - 6000	160 - 6000	180 - 6000	240 - 6000	250 - 6000
Outside diameter clamping hub (mm)	B	40	55	66	81	110	123
Fit length (mm)	C	16	27	31	34.5	42	50
Inside diameter from Ø to Ø H7 (mm)	D _{1/2}	5 - 20	10 - 28	12 - 32	19 - 42	30 - 60	35 - 60
Max. inside diameter clamping hub (mm)	D _{max}	24	30	32	42	60	60
With keyway - max Ø H7 (mm)	D _{1/2}	17	23	29	36	60	60
ISO 4762 clamping screws	E	M4	M6	M8	M10	M12	M16
Tightening torque (Nm)	F	5	15	40	70	130	200
Distance between centers (mm)	G	15	19	23	27	39	41
Distance (mm)	G	5	7.5	9.5	12	14	17
Length bellows body (mm)	H	39.5	52	64	72	83	96
Clamping length (mm)	I	10	15	19	22	28	33.5
Outside diameter tube section (mm)	K	35	50	60	76	100	110
Length (mm)	O	11.5	17	21	24	30	35
Shaft average value (mm)	N	25	34	41	47	56	66

For maximum misalignment values see page 16.

ORDERING EXAMPLE	ZAL	10	1551	18	19.05	XX
Model	●					Special designation only (e.g. special bore tolerance).
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)						