

ZA

WITH CONICAL CLAMPING SYSTEM

1,500 – 4,000 Nm



PROPERTIES

FEATURES

- ▶ for spanning larger distances between shaft ends
- ▶ standard lengths up to 6 meters
- ▶ no intermediate support bearings required
- ▶ extremely straight and laterally stiff intermediate tube

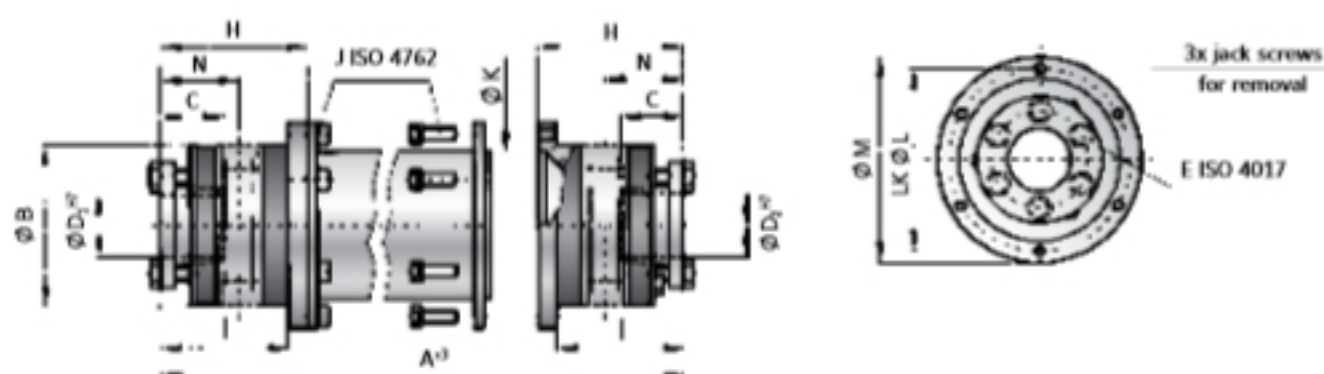
MATERIAL

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

- ▶ **Intermediate tube:** steel, optional CFK
- ▶ **Hubs:** steel

DESIGN

Two conical clamping bushings with separate screws for mounting and dismounting. A special support system carries the weight of the tube on the hubs. Operable temperature range from -30 to +100 °C.



MODEL ZA

SIZE			1500	4000
Rated torque (Nm)	$T_{0.9}$		1500	4000
Overall length min. to max. (mm)	A^{3}		280 – 6000	280 – 6000
Outside diameter (mm)	B		157	200
Fit length (mm)	C		61	80.5
Inside diameter from ϕ to ϕ H7 (mm)	D_{H7}		35 – 70	40 – 100
ISO 4017 clamping screws	E		6 x M12	6 x M16
Tightening torque (Nm)			70	120
Length bellows body (mm)	H		98	303.5
Distance (mm)	I		82	84
ISO 4762 clamping screws	J		10x M10	12x M12
Tightening torque (Nm)			70	120
Outside diameter tube section (mm)	K		150	160
Bolt hole circle ϕ (mm)	L		168	193
Outside diameter flange (mm)	M		184	213
Shaft average value (mm)	N		56	61

For maximum misalignment values see page 16.

ORDERING EXAMPLE	ZA	1500	2551	50.8	70	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. ZA / 1500 / 2551 / 50.8 / 70 / XX; XX=stainless steel)