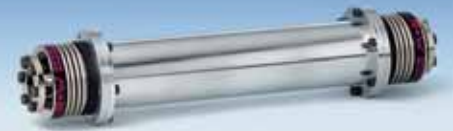
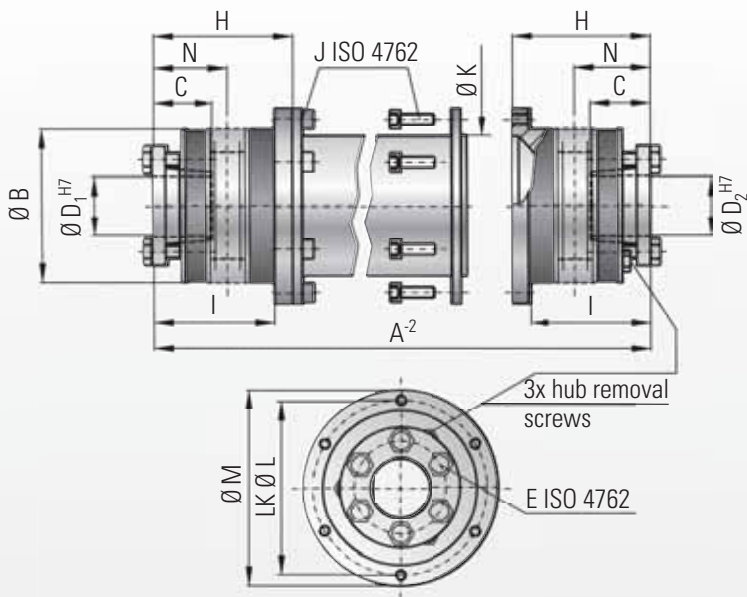




MODEL ZA 1500-4000 Nm

BACKLASH FREE LINE SHAFTS



with tapered conical sleeves

Properties:

- Compensation for misalignment
- Backlash-free and torsionally rigid
- Able to span longer distances
- Standard lengths up to 3 m (9.84 ft)
- No intermediate support bearing required
- Intermediate tube removable for easy mounting

Material:

- Bellows made of flexible high grade stainless steel
- Intermediate tube section: steel, **optional composite CFK tube**
- Clamping hubs: steel

Design:

- With tapered conical sleeves and captive jack screws
- Intermediate tube section supported by gimbals within the clamping hub.
- Lateral mounting and dismounting accomplished through the removal of the intermediate tube section.

Temperature range:

-30 to +100° C (-22° F to 212° F)

Speed:

Depending on length A, please contact R+W

Service life:

These couplings have an infinite life and are maintenance-free if the technical ratings are not exceeded

Backlash:

Absolutely backlash-free due to frictional clamp connection

Fit tolerance:

Shaft/hub connection 0.01 to 0.05 mm

Ordering example

ZA / 1500 / 2551 / 65 / 70 / XX

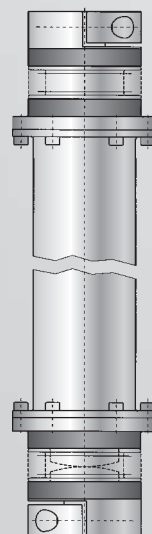
Model
Series/rated torque
Overall length
Ø D1 H7
Ø D2 H7
Non-Standard e.g. carbon tube

All data is subject to change without notice.

Model ZA 1500 - 4000 Nm		Series	
		1500	4000
rated torque (Nm)	T _{KN}	1500	4000
Overall length min. to max. (mm)	A	240 to 6000	280 to 6000
Outer diameter (mm)	B	157	200
Fit length (mm)	C	61	80,5
Inner diameter from Ø to Ø H7 (mm)	D _{1/2}	35 to 70	40 to 100
ISO 4017 clamping screws	6x E	M12	M16
Tightening torque (Nm)		70	120
Length bellows body (mm)	H	98	103,5
Distance (mm)	I	82	84
ISO 4762 screw		10x M10	12x M12
Tightening torque of the assembly screws (Nm)	J	70	120
Outer diameter tube section (mm)	K	150	160
Bolt hole circle Ø (mm)	L	168	193
Outer diameter flange (mm)	M	184	213
Shaft average value (mm)	N	56	61

max. permissible misalignments page 6

Vertical installation ZA/ZAe



- When mounting vertically additional support of the lower bellows body is necessary.
- A special bellows body for vertical mounting is available upon request.
- Please note „vertical mounting“ when ordering.