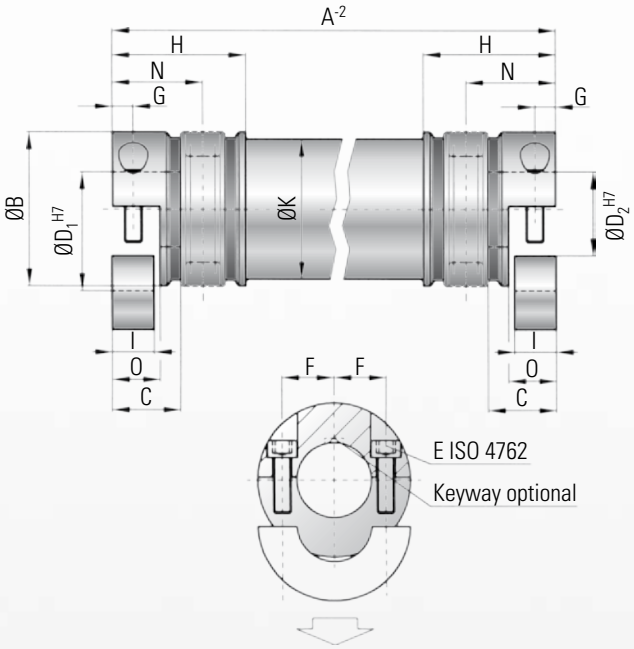
optional stainless steel

MODEL **ZAE 10-800 Nm**

TECHNICAL SPECIFICATIONS



Properties:
- Compensation of misalignments
- Backlash-free and torsionally stiff
- Able to span longer distances
- Standard lengths up to 6 m (19.68 ft)
- No intermediate support bearing required
- Split hubs for easy mounting and dismounting

Material:
- Bellows made of flexible high grade stainless steel
- Aluminum intermediate tube section through size 150, size 300 and up steel
  optional composite CFK tube
- Clamping hubs through size 60 Aluminum, size 150 and up steel

Design:
- Balanced split clamping hubs with two radial clamping screws ISO 4762
- Intermediate tube section supported by gimbals within the clamping hub
- Lateral mounting and dismounting accomplished due to split hubs

Temperature range: -30 to +120° C (-3,6 to 270 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 limits are not exceeded.

Backlash: Absolutely backlash-free through frictional clamp connection

Fit tolerance: Shaft/hub connection 0.01 to 0.05 mm

Ordering example

ZAE / 10 / 1551 / 18 / 19 / XX

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

Model ZAE 10 - 800 Nm			Series						
			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}	100 to 6000	130 to 6000	160 to 6000	180 to 6000	240 to 6000	250 to 6000	250 to 6000
Outer diameter clamping hub	(mm)	B	40	55	66	81	110	123	133
Fit length	(mm)	C	16	27	31	34.5	42	50	47
Inner diamter from Ø to Ø H7	(mm)	$D_{1/2}$	5 to 20	10 to 28	12 to 32	19 to 42	30 to 60	35 to 60	40 to 72
Max.inner 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	60	66
ISO 4762 clamping screws		E	M4	M6	M8	M10	M12	M16	M16
Tightening torque	(Nm)		5	15	40	70	130	200	250
	(mm)	F	15	19	23	27	39	41	48
	(mm)	G	5	7.5	9.5	12	14	17	19
Length bellows body	(mm)	H	39.5	52	64	72	83	96	95
Clamping length	(mm)	I	10	15	19	22	28	33.5	37.5
Outer diameter tube section	(mm)	K	35	50	60	76	100	110	120
	(mm)	O	11.5	17	21	24	30	35	40
Shaft average value	(mm)	N	25	34	41	47	56	66	65

1Nm = 8.85 in lbs

max. permissible misalignments page 6