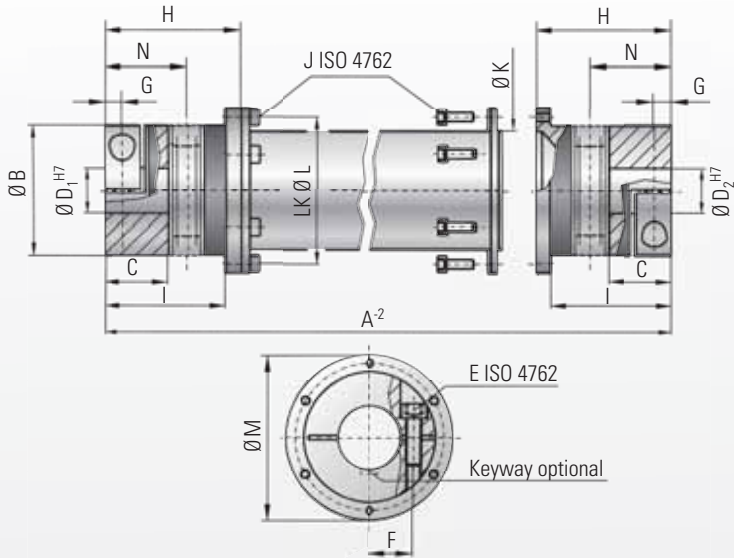


optional
stainless
steel

MODEL ZA 10-800 Nm

BACKLASH FREE LINE SHAFTS



Ordering example

ZA / 10 / 1551 / 18/19.05/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.



with clamping hub

Properties:

- Compensation for misalignments
- Backlash-free and torsionally rigid
- Able to span long distances
- Standard lengths up to 6 m (19.68 ft.)
- No intermediate support bearing required
- Intermediate tube removable for easy mounting

Material:

- Bellows made of flexible high grade stainless steel
- Aluminum intermediate tube section through size 200, size 300 and up steel

Optional composite CFK tube

- Clamping hubs through size 60 Aluminum, size 150 and up steel

Design:

- Balanced clamping hubs with one radial screw per ISO 4762
- Intermediate tube section supported by gimbals within the clamping hub
- 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

Model ZA 10 - 800 Nm			Series							
			10	30	60	150	200	300	500	800
Rated torque (Nm)	T _{KN}		10	30	60	150	200	300	500	800
Overall length min. to max. (mm)	A		110 to 6000	140 to 6000	170 to 6000	190 to 6000	210 to 6000	250 to 6000	260 to 6000	260 to 6000
Outer diameter clamping hub (mm)	B		40	55	66	81	90	110	123	134
Fit length (mm)	C		16	27	31	35.5	40.5	43	50	48
Inner diameter from Ø to Ø H7 (mm)	D _{1/2}		5 to 20	10 to 28	12 to 32	19 to 42	22 to 45	30 to 60	35 to 60	40 to 72
With keyway max. Ø H7 (mm)	D _{1/2}		17	23	29	36	45	60	60	66
ISO 4762 clamping screw	E		M4	M6	M8	M10	M12	M12	M16	2x M16
Tightening torque (Nm)	E		5	15	40	70	110	130	200	250
Distance between centers (mm)	F		15	19	23	27	31	39	41	48
Distance (mm)	G		5	7.5	9.5	11	12.5	13	17	18
Length bellows body (mm)	H		44.5	57.5	71	78	86	94	110	101
Distance (mm)	I		38.5	51	61	69	75.5	81	96	89
ISO 4762 screw	J		4x M4	6x M4	6x M5	8x M6	8x M6	8x M8	8x M8	10x M8
Tightening torque of the assembly screws (Nm)	J		3	4	7	10	12	30	30	40
Outer diameter tube section (mm)	K		35	50	60	76	90	100	110	120
Bolt hole circle Ø (mm)	L		45	62.5	71.5	88	100	120	132	138
Outer diameter flange (mm)	M		52	70	80	98	110	135	148	153
Shaft average value (mm)	N		25	34	41	47	52	56	66	64

1Nm = 8.85 in lbs max. permissible misalignment page 6