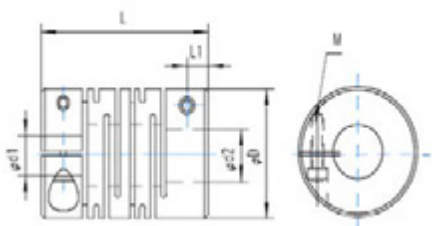


ZTR Parallel-type Coupling

Product Photo



Dimension Drawing



Material

Hub	aluminum alloy / stainless steel
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Features

- One-piece metallic flexible coupling
- Clamp type
- Identical clockwise and anti-clockwise rotational characteristics
- The flexing action compensates parallel, angular misalignments and shaft end-play
- Zero backlash, super strong oil resistance and corrosion resistance
- Applicable for encoder

Dimensions/ Specifications

Model	Φd1 Φd2 Bore Diameter	ΦD	L	L1	M	Wrench Torque	Rated Torque	Max. Torque
	(mm)					(N·m)		
ZTR-12D	3~5	12	18.5	2.50	M2.5	0.5	0.5	1
SZTR-12D							0.8	1.6
ZTR-16D	4~6.350	16	23	3.00	M2.5	1.0	0.8	1.6
SZTR-16D							1.1	2.2
ZTR-20D	5~9.525	20	26	3.75	M3	1.0	1.1	2.2
SZTR-20D							1.6	3.2
ZTR-25D	8~12	25	31	4.25	M3	1.5	1.4	2.8
SZTR-25D							2.2	4.4
ZTR-32D	10~14	32	41	6.00	M4	2.5	2.8	5.6
SZTR-32D							5.5	11
ZTR-40D	10~18	40	56	7.00	M5	4.0	6.3	12.6
SZTR-40D							8.7	17.4
ZTR-50D	12~19	50	71	10.50	M6	8.0	11	22
SZTR-50D							16	32
ZTR-63D	14~24	63	90	13.00	M8	16.0	22	44
SZTR-63D							38	76

Model	Max. Rotational Frequency	Moment of Inertia	Static Torsional Stiffness	Allowable Radial Misalignment	Allowable Angular Misalignment	Allowable Axial Misalignment	Weight
	(rpm)	(kg·m ²)	(N·m/rad)	(mm)	(°)	(mm)	(g)
ZTR-12D	10000	7.6×10^{-8}	34	0.10	1.5	±0.30	4
SZTR-12D		2.1×10^{-7}	62	0.10	1.5	±0.30	8
ZTR-16D	9300	3.2×10^{-7}	46	0.10	1.5	±0.30	18
SZTR-16D		8.9×10^{-7}	83	0.10	1.5	±0.30	32
ZTR-20D	7500	8.8×10^{-6}	118	0.10	1.5	±0.30	66
SZTR-20D		2.4×10^{-5}	246	0.10	1.5	±0.30	138
ZTR-25D	6000	2.5×10^{-5}	167	0.15	1.5	±0.35	272
SZTR-25D		7.0×10^{-5}	315	0.15	1.5	±0.35	530
ZTR-32D	6000	9.6×10^{-5}	228	0.15	1.5	±0.35	14
SZTR-32D		2.6×10^{-4}	845	0.15	1.5	±0.35	26
ZTR-40D	3600	3.2×10^{-4}	346	0.20	1.5	±0.35	48
SZTR-40D		8.9×10^{-4}	990	0.20	1.5	±0.35	78
ZTR-50D	3000	9.0×10^{-4}	580	0.20	1.5	±0.35	174
SZTR-50D		2.7×10^{-3}	1380	0.20	1.5	±0.35	372
ZTR-63D	2200	3.1×10^{-3}	843	0.20	1.5	±0.35	760
SZTR-63D		8.7×10^{-3}	1790	0.20	1.5	±0.35	1410

Notes:

* Recommended tolerance for shaft diameter is h7.

* Bore and keyway modifications are available on request., please contact us.

* Inertia moment and weight calculated based on the maximum shaft bore.

Selection Example

S	ZTR	12D	5	L18.5	RD03x03
Stainless Steel	Series	Outside Diameter	Max. internal diameter	Length	Diameter of shafts