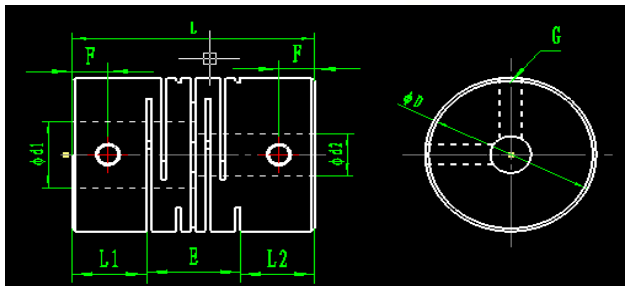
Flexible Couplings-JT1 Type

FEATURES:

- Parallel pattern (Set screw type)
- One-Pieces Metallic Construction
- Identical characteristics on CW/CCW rotation
- Misalignment compensation
- Zero Backlash
- Materials: Aluminum Alloy
- Finish: natural



OPTIONS:

- Custom bore size
- Custom set screw

Dimensional Data:

Model #	Bore Size		Overall size		Set Screw		Tighten torque
	d (min)	d (max)	D	L	Size	F	
	mm	mm	mm	mm	M	mm	N.m
JT1-16	4	6.35	16	23	M3	3.0	0.7
JT1-20	5	9.525	20	26	M3	3.0	0.7
JT1-25	8	12.0	25	31	M4	4.0	1.7
JT1-32	10	14.0	32	41	M4	6.0	1.7
JT1-40	10	18.0	40	56	M5	8.5	4.0
JT1-50	12	19.0	50	71	M6	10.5	7.0
JT1-63	14	24.0	63	90	M8	13.0	15.0

Characteristics:

Model	Rated Torque	Max. Torque	Max. Speed	Inertia	Torsional stiffness	Misalignment compensation			Weight
						Radial	Axial	Angular	
	N.m	N.m	RPM	kg.cm2	N.m/rad	mm	mm	°	g
JT1-16	0.8	1.6	22000	$3.2X10^{-7}$	46	0.1	±0.3	1.5	8
JT1-20	1.1	2.2	18000	$8.8X10^{-6}$	115	0.1	±0.3	1.5	16
JT1-25	1.4	2.8	14000	$2.5X10^{-6}$	165	0.15	±0.35	1.5	28
JT1-32	2.8	5.6	10000	$9.5X10^{-6}$	270	0.15	±0.35	1.5	62
JT1-40	6.3	12.6	9400	$3.1X10^{-5}$	345	0.2	±0.35	1.5	134
JT1-50	11	22	7600	$1.0X10^{-5}$	580	0.2	±0.35	1.5	266
JT1-63	22	44	6000	$3X10^{-4}$	830	0.2	±0.35	1.5	500

Product Number Code for Couplings

JT1	—	25	—	8	—	12
↓		↓		↓		↓
Type Parallel Set Screw		Outside Diameter OD=25mm		First Bore Size d=8mm		Second Bore Size d1=12mm

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