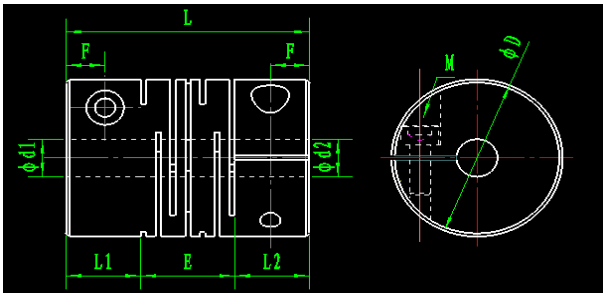
Flexible Couplings-JT4 Type

FEATURES:

- Helical pattern (Clamp type)
- One-Pieces Metallic Construction
- High Fatigue Resistance
- 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
JT4-19	3	6.35	19	22.9	M2.5	3.10	1.0
JT4-25	5	10.0	25	31.8	M3	4.15	1.5
JT4-28	6	12.7	28	38.1	M3	5.00	2.0
JT4-38	8	15.0	38	41.4	M5	5.90	4.0
JT4-50	12	19.0	50	51.0	M6	6.70	7.5

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
JT4-19	0.5	1	8000	$9.0X10^{-3}$	110	0.1	±0.15	2.0	14
JT4-25	1.2	2.4	6000	$2.6X10^{-4}$	170	0.1	±0.15	2.0	34
JT4-28	1.6	3.2	5000	$8.9X10^{-4}$	260	0.1	±0.15	2.0	48
JT4-38	4.2	8.4	4500	$3.2X10^{-5}$	330	0.1	±0.15	2.0	96
JT4-50	9	18	4500	$9.8X10^{-5}$	560	0.1	±0.15	2.0	140

Product Number Code for Couplings

JT4	—	**25**	—	**8**	—	**12**
↓		↓		↓		↓
Type		Outside Diameter		First Bore Size		Second Bore Size
Helical Clamp		OD=25mm		d=8mm		d1=12mm

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