

Gear Jaw Couplings-JM2 Type

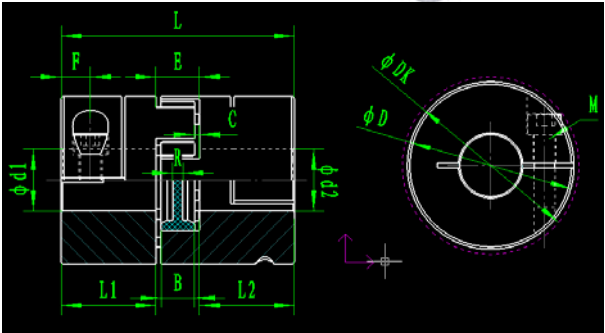


FEATURES:

- Gear Jaw with Elastic Insert (clamp type)
- Absorb vibration
- Oil resistance and electrical insulation
- Misalignment compensation
- Identical characteristics on both CW/CCW
- Three different hardness insert materials
- 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	L3	
	mm	mm	mm	mm	M	mm	N.m
JM2-25	4	12	25	34	M4	5.0	1.3
JM2-30	6	16	30	35	M4	5.0	1.7
JM2-40	10	24	40	66	M5	10.0	8.0
JM2-55	12	28	55	78	M6	10.5	8.0
JM2-65	14	38	65	90	M8	11.5	15.0
JM2-80	24	45	80	114	M8	15.5	15.0
JM2-95	30	55	95	126	M10	18.0	25.0
JM2-105	35	60	105	140	M12	21.0	35.0

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
JM2-25	5	10	17000	6.7×10^{-4}	55	0.02	+0.6/0	1.0	37
JM2-30	7.4	14.8	12000	8.5×10^{-4}	72	0.02	+0.6/0	1.0	50
JM2-40	9.5	19	10000	1.1×10^{-3}	550	0.02	+0.8/0	1.0	156
JM2-55	34	68	8000	4.4×10^{-3}	1500	0.02	+0.8/0	1.0	362
JM2-65	95	190	6000	9.0×10^{-3}	2800	0.02	+0.8/0	1.0	582
JM2-80	135	270	4600	1.8×10^{-2}	3500	0.02	+1.0/0	1.0	966
JM2-95	230	460	3800	2.0×10^{-2}	4600	0.02	+1.0/0	1.0	1820
JM2-105	380	760	3400	3.2×10^{-2}	5800	0.02	+1.0/0	1.0	2430

Product Number Code for Couplings

