

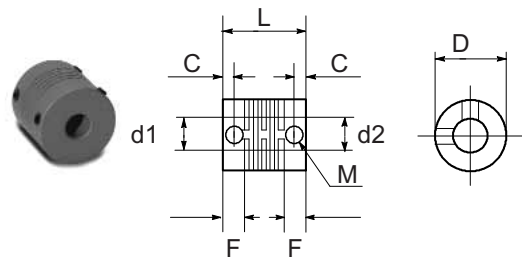
Encoder Couplings

Couplings provide a connection between encoders and solid shafts. We offer fiberglass and aluminum metric-to-metric couplings and aluminum metric-to-S.A.E. couplings. Use the selection guide below to help select your coupling.

Couplings Selection Guide and Dimensions																
Type	Part Number	Price	Applicable Encoders	Material	Working Torque	Torsional Rigidity	d1	d2	D	L	F	C	M	a	E	S
					(N-m)	(N-m / rad)	(mm) *								(mm) *	(mm) *
Fiberglass (metric)	GJ-6D	<--->	TRD-S	Glass-fiber reinforced polyacetal	0.8	10	6	6	15	21.6	5.2	2.8	M3 set screw	6° max	0.5 max	0.12 max
	GJ-8D	<--->	TRD-N,-NA		1.5	20	8	8	19	24	6.8	3.5	M4 set screw	5° max	0.5 max	0.12 max
	GJ-10D	<--->	TRD-GK		2.0	32	10	10	22	26.2	7.1	3.6	M4 set screw	5° max	0.5 max	0.12 max
Aluminum (metric)	RU-075D	<--->	TRD-S	Aluminum alloy	1.0	8.2	6	6	19.1	19.1	4.8	9.5	M3 set screw	5° max	0.25 max	0.12 max
	JU-100D	<--->	TRD-N,-NA		1.6	14.3	8	8	25.4	25.4	6.9	3.8	M5 set screw	5° max	0.25 max	0.12 max
	RU-100D	<--->	TRD-GK		1.6	14.3	10	10	25.4	25.4	6.9	3.8	M5 set screw	5° max	0.25 max	0.12 max
Aluminum (metric-to-SAE)	MCGL16-6-635	<--->	TRD-S	Aluminum alloy (Bent plate: Polyimide)	0.4	70	6	6.35 (0.25")	16	23.2	7	3	M3 set screw	3.5° max	0.3 max	0.3 max
	MCGL20-8-635	<--->	TRD-N,-NA		0.6	130	8	6.35 (0.25")	20	26	7.5	3.7	M3 set screw	3.5° max	0.3 max	0.4 max
	MCGL20-8-952	<--->	TRD-N,-NA		0.6	130	8	9.52 (0.375")	20	26	7.5	3.7	M3 set screw	3.5° max	0.3 max	0.4 max
	MCGL25-10-635	<--->	TRD-GK		1.4	240	10	6.35 (0.25")	25	30.2	9	4	M4 set screw	3.5° max	0.3 max	0.5 max
	MCGL25-10-952	<--->	TRD-GK		1.4	240	10	9.52 (0.375")	25	30.2	9	4	M4 set screw	3.5° max	0.3 max	0.5 max

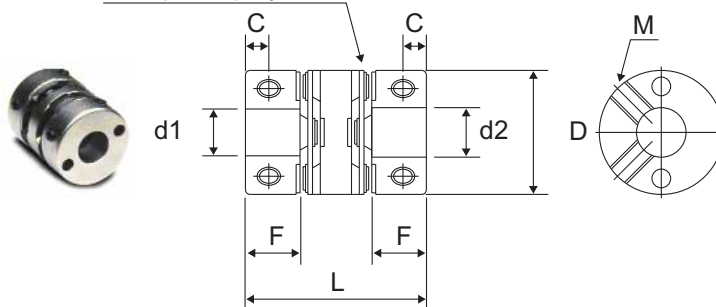
* mm ÷ 25.4 = inches

GJ-6D, GJ-8D, and GJ-10D fiberglass couplings

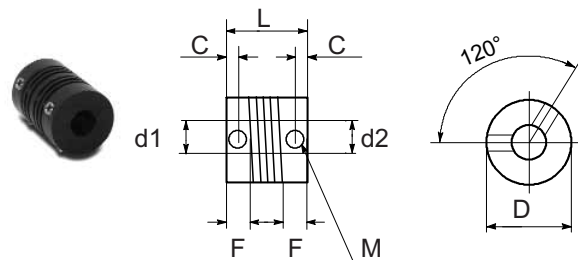


MCGLxx aluminum couplings

Bent plate: polyimide



RU-075D, RU-100D, and JU-100D aluminum couplings



Misalignment compensation

