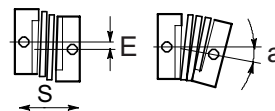


# Encoder Accessories – Couplings

## Encoder Couplings

Couplings provide a connection between solid-shaft encoders and solid shafts. We offer aluminum and fiberglass couplings for metric applications.

### Misalignment compensation



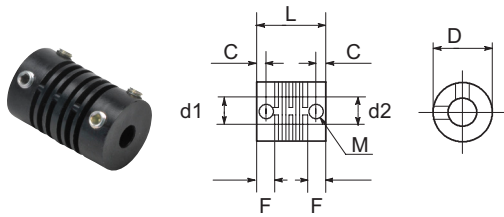
Couplings Selection Guide and Dimensions															
Type	Part Number	Applicable Encoders (shaft size)	Shaft Diameter		D	L	F	C	M	a	E	S	Working Torque (N·m)	Torsional Rigidity	Material
			d1	d2	( mm [in] )					max	( mm [in] )				
Fiber-glass (metric)	<b>GJ-4D</b>	TRD-MX (4mm)	4mm	4mm	13 [0.51]	21 [0.83]	5.3 [0.21]	3 [0.12]	M3 set screw	5°	0.4 [0.02]	0.4 [0.02]	0.6 N·m	6N·m/rad	Glass-fiber reinforced resin
	<b>GJ-6D</b>	TRD-S (6mm)	6mm	6mm	15 [0.59]	22 [0.87]	5.2 [0.20]	3 [0.12]	M3 set screw	6°	0.5 [0.02]	0.12 [0.005]	0.8 N·m	10 N·m/rad	
	<b>GJ-8D</b>	TRD-N/NA (8mm)	8mm	8mm	19 [0.75]	24 [0.94]	6.8 [0.27]	3.5 [0.14]	M4 set screw	5°	0.5 [0.02]	0.4 [0.016]	1.5 N·m	20 N·m/rad	
	<b>GJ-10D</b>	TRD-GK (10 mm)	10mm	10mm	22 [0.87]	26 [1.02]	7.1 [0.28]	4 [0.16]	M4 set screw	5°	0.5 [0.02]	0.12 [0.005]	2.0 N·m	32 N·m/rad	
Aluminum (metric)	<b>RU-075D</b>	TRD-S (6mm)	6mm	6mm	19.1 [0.75]	19.1 [0.75]	4.6 [0.18]	2.4 [0.09]	M3 set screw	5°	0.25 [0.01]	0.12 [0.005]	1.0 N·m	8.2 N·m/rad	Aluminum alloy
	<b>JU-100D</b>	TRD-N/NA (8mm)	8mm	8mm	25.4 [1.00]	25.4 [1.00]	6.6 [0.26]	3.8 [0.15]	M5 set screw	5°	0.25 [0.01]	0.25 [0.01]	1.6 N·m	14.3 N·m/rad	
	<b>RU-100D</b>	TRD-GK (10 mm)	10mm	10mm	25.4 [1.00]	25.4 [1.00]	6.6 [0.26]	3.8 [0.15]	M5 set screw	5°	0.25 [0.01]	0.12 [0.005]	1.6 N·m	14.3 N·m/rad	
Aluminum (metric)	<b>ML13P-4-476D</b>	TRD-MX (4mm)	4mm	0.1875 in	13 [0.51]	19 [0.75]	5.5 [0.22]	2.5 [0.10]	M2 set screw	5°	0.4 [0.02]	0.2 [0.01]	0.25 N·m	44 N·m/rad	Aluminum alloy (Bent plate: Polyimide)
	<b>ML16P-4-635D</b>	TRD-MX (4mm)	4mm	0.25 in	16 [0.63]	23 [0.91]	7 [0.28]	3 [0.12]	M3 set screw	5°	0.6 [0.02]	0.3 [0.01]	0.4 N·m	70 N·m/rad	

\* mm ÷ 25.4 = inches

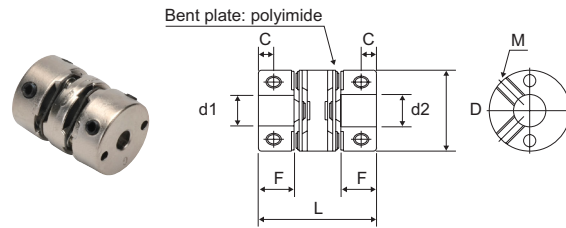
## Encoder Accessories – Couplings

### Encoder Couplings – Dimensions

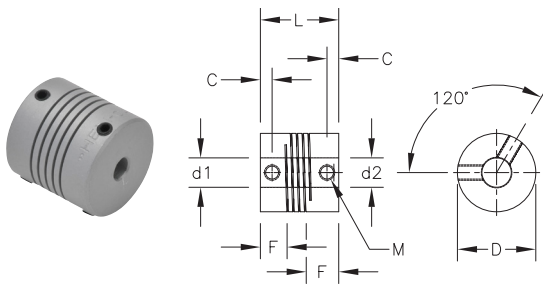
#### GJ-xxD Fiberglass Couplings



#### MCGLxx Aluminum Couplings & ML1xP-4-xxxD Aluminum Couplings



#### ARM-xxxxxD Aluminum Couplings



#### RU-075D, RU-100D, and JU-100D Aluminum Couplings

