

Rocom

D Series - Precision flexible shaft coupling for greater misalignment and axial motion.

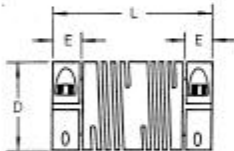
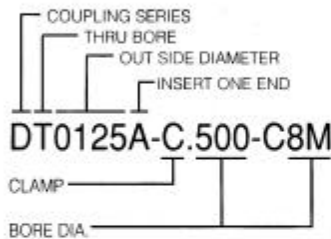
COUPLING FEATURES.

A PHENOLIC INSERT in one bore prevents heat and static electricity from damaging encoders, servo tachometers, resolvers and other rotary components.
RESONANT FREQUENCY and WIND UP are minimized by the six short flexible beam design.
CONSTANT VELOCITY - HIGH SPEED



NOTES:

1. EXAMPLE PART NUMBER



2. THRU BORE- The flexible beams have an inside relief to prevent the shafts from touching at the maximum misalignment.

3. CLAMPS are an integral part of the coupling and cannot be removed. When the screws are properly tightened, the clamp will hold to the torque rating of the coupling.

4. PEAK TORQUE is the maximum torque rating. The correct dynamic torque safety factor should be determined by the customer in accordance with the acceleration, deceleration, reversals and or sudden stop loads, etc.

5. TORQUE RATING is in pound inches, and WIND UP is in minutes per ounce inches and they are at maximum misalignment.

6. COUPLING MATERIAL IS 2024-T3.5 QQA225/6 ALUMINUM with MIL A8625 Type II black anodize.

7. INSERT INSULATORS are G10 glass filled phenolic and are available in the sized shown.

8. CAP SCREWS are hex socket, steel, black oxide finish.

9. CAUTION - REMOVE THE OIL FROM THE SHAFTS.

PART NUMBER (see note - 1)	D DIA. + .000 - .010	L Length ± .020	E Bore Depth ± .010	MAXIMUM MISALIGNMENT			CLAMP SCREW (see notes 3 and 8)	PEAK TORQUE LB. IN. (see note 4)	WIND UP MIN / OZ. IN. (see note 5)	STANDARD BORE SIZES (see note 7)	
				Angular	Parallel	Axial Motion				INCH	MM
DT0075A	75	1.00	.230	5°	.020	.020	4-40	18	.85	.125 .156 .187 .250	4 5 6
DT0100A	1.00	1.50	.460	7°	.025	.040	6-32	45	.40	.187 .250 .312 .375	5 6 8 10
DT0125A	1.25	2.00	.600	10°	.035	.050	8-32	75	.26	.250 .312 .375 .437 .500	6 8 10 12
DT0150A	1.50	2.37	.700	15°	.045	.060	10-24	120	.26	.375 .437 .500 .625	10 12 14 15