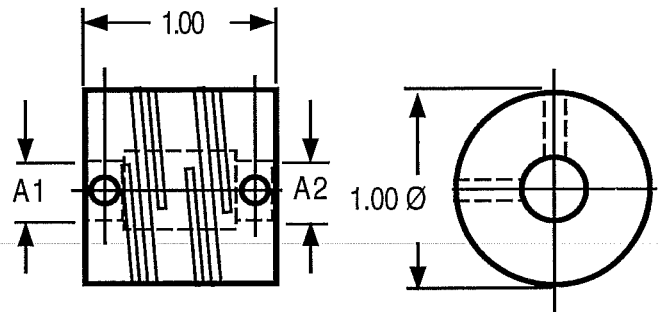


Next Assy	Used on	Ltr	Revision	Date

BEI PART NO	HELICAL P/N	BORE DIA +.002 /-.000		TORSIONAL FLEXIBILITY	TORQUES (LB-INCH)		
		A1 DIA	A2 DIA		NON REVERSING	SHOCK OR REVERSING	MOMENTARY
39074-8-8	DS6384-8-8	.250	.250	.165 MIN / IN-OZ	19	9.3	37
39074-12-8	DS6384-12-8	.375	.250	.315 MIN / IN-OZ	15	7.5	30
39074-12-12	DS6384-12-12	.375	.375	.315 MIN / IN-OZ	15	7.5	30
39074-10MM-12	DS6384-10MM-12	10MM	.375	.315 MIN / IN-OZ	15	7.5	30

1. BORE IS RELIEVED TO ALLOW SHAFTS TO NEARLY BUTT.
2. SETSCREWS: CUP POINT, HEX SOCKET, #6-32. TWO AT EACH END, 90° APART.
3. PERMITTED AXIAL MOTION FROM FREE LENGTH: $\pm .020$
4. PERMISSABLE SHAFT MISALIGNMENT:
ANGULAR: UP TO 5°
PARALLEL: UP TO .010



INSTALLATION NOTES:

- A) TO AVOID COUPLING FAILURE, BE SURE THE SHAFTS FIT FREELY IN THE COUPLING BORES AND THAT THE COUPLING IS NOT COMPRESSED OR SUBJECTED TO GREATER DEFLECTIONS THAN SPECIFIED ABOVE.
- B) WHEN POSSIBLE, THE ENCODER SHOULD BE ORDERED WITH SHAFT FLATS TO ENHANCE HOLDING POWER OF THE SETSCREWS AND TO ELIMINATE PROBLEMS CAUSED BY RAISING BURRS ON THE SHAFT.

MANUFACTURED BY:
HELICAL PRODUCTS CO. INC.
 901 W. MCCOY LANE
 SANTA MARIA, CA 93455
 (805) 928-3851

THESE COUPLINGS ARE MADE AVAILABLE AS A SERVICE TO OUR CUSTOMERS.
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Unless otherwise specified:
 Dimensions are in inches.
 Tolerances:
 XXX = .005
 xx = $\pm .01$



Industrial Encoder Division

BEI SENSORS AND SYSTEMS COMPANY

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Material AL. ALLOY 7075-T6

Drawn 1/9/91

COUPLING, HELICAL DS6384 SERIES

Finish CHROMIC ACID ANODIZE
TYPE I

App'd *MDM* DRM
Scale

Code Ident. No.

12050

Dwg. No.

924-39074

SHT 1/2

Rev.