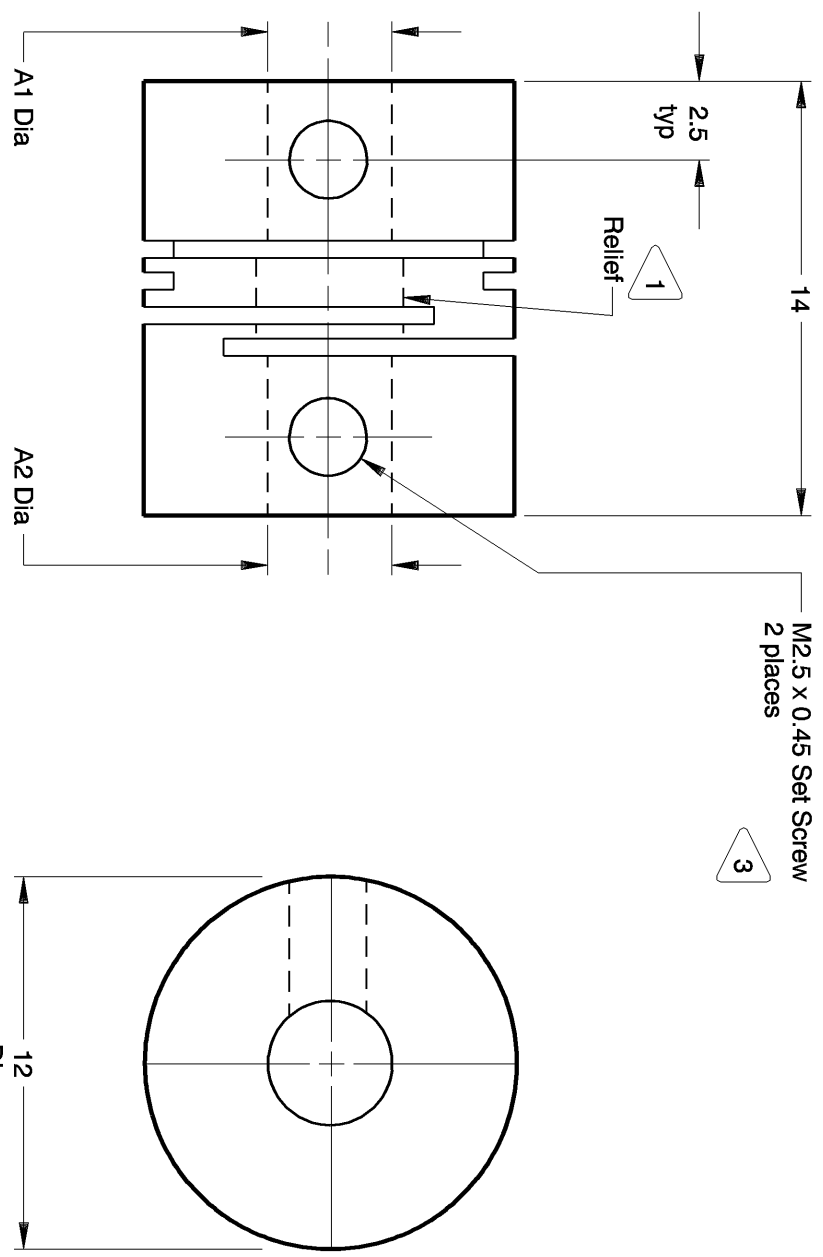


NOTES: See Tabulated Sheet

- 1 Relief permits component shafts to near butt.
- 2 Hubs and flexing elements are made from a single piece of material.
- 3 Set Screw attachment, hex socket, ISO std., cup point set screw furnished: both hubs.
- 4 Backlash: None. No lubrication required.
- 5 Permitted axial motion from free length:  $\pm 0.10\text{mm}$ .
- 6 RPM: Up to 10,000, depending upon application.
- 7 Working torque: 0.20Nm
- 8 Torsional stiffness: 2.3 deg/Nm
- 9 Permissible shaft misalignment: Angular, up to 1 degree.



**XAS12-4mm-4mm SHOWN**

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DATE	LTR	REVISION	CHK	UNLESS OTHERWISE NOTED DIMENSIONS IN MILLIMETERS.	APPROVALS	DATE	TITLE
				Tolerances are: Decimals: X $\pm .5\text{mm}$ X.X $\pm .25\text{mm}$ X.XX $\pm .15\text{mm}$ Angles: $\pm 2$ degrees Break sharp corners .25mm max.	DRAWN <b>DRW</b>	<b>9-6-02</b>	<b>HELICAL PRODUCTS CO., INC.</b> P.O. BOX 1069 SANTA MARIA, CA. 93456 U.S.A PHONE (805) 928-3851 FSC13201
					CHECKED <b>MC</b>	<b>10-3-02</b>	
					PRODN <b>DH</b>	<b>10-3-02</b>	
					ISSUED		MATERIAL <b>7075-T6 Aluminum Alloy</b>
					WEIGHT <b>3.2g (calc)</b>		FINISH <b>Anodize</b>
					SCALE <b>4/1</b>	SIZE <b>A</b>	DWG NO <b>XAS12</b>

ADDITION DATE	PART NUMBER	BORE TOLERANCES		COMMENTS	ADDITION DATE	PART NUMBER	BORE TOLERANCES		COMMENTS
		A1 Dia	A2 Dia				A1 Dia	A2 Dia	
6 SEP 02	XAS12-4mm-4mm	4.00mm	4.00mm						
6 SEP 02	XAS12-5mm-5mm	5.00mm	5.00mm						

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APPROVALS	DATE	TITLE
DRAWN <b>DRW</b>	<b>9-6-02</b>	HELICAL PRODUCTS CO. INC P.O. BOX 1069 SANTA MARIA, CA, 93456 U.S.A PHONE (805) 928-3851(FSC13201)  HELICAL FLEXIBLE SHAFT COUPLING
CHECKED <b>MC</b>	<b>10-3-02</b>	
PRODN <b>DH</b>	<b>10-3-02</b>	
ISSUED		<b>TABULATED BORE SIZES</b>
		DWG NO <b>XAS12</b>
		REV