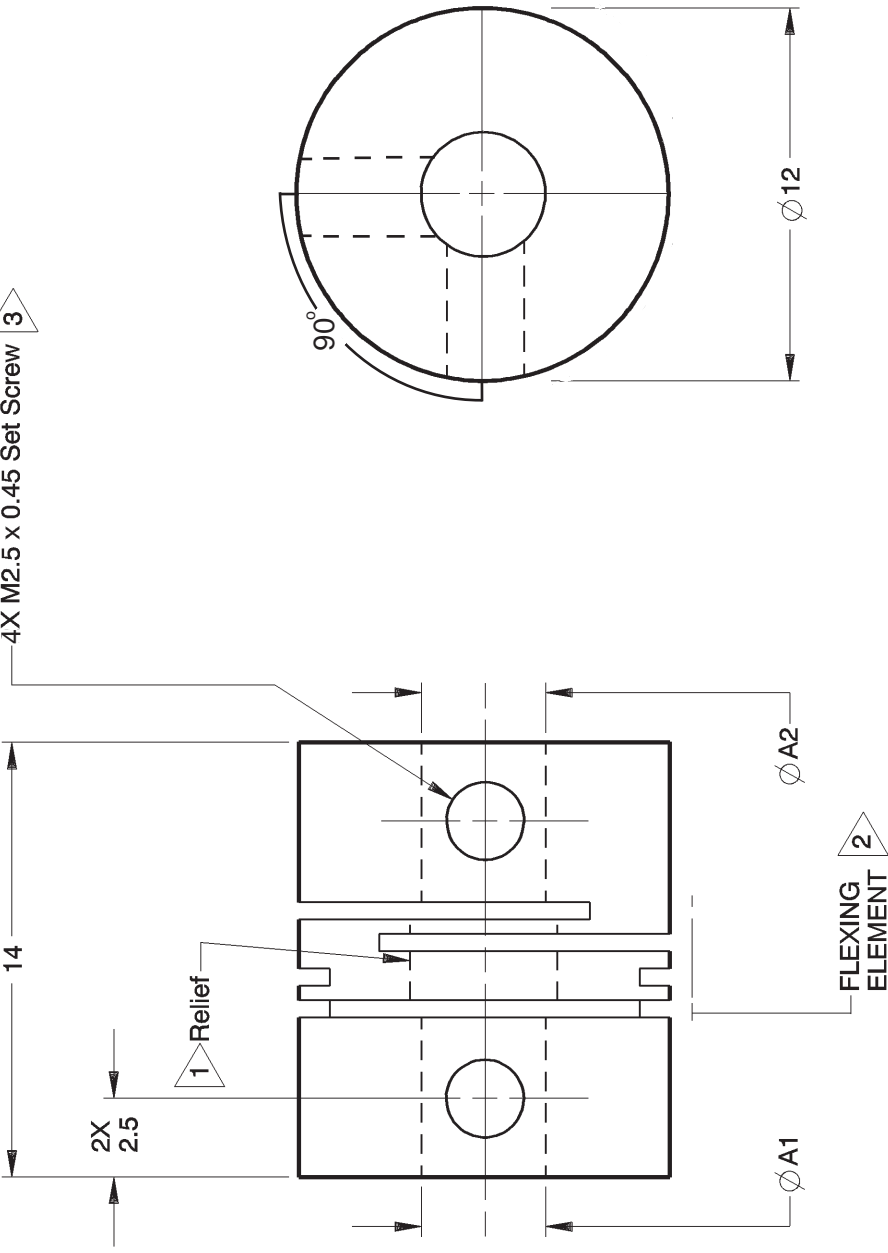


NOTES: See Tabulated Sheet



- 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: ± 0.10mm
- 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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DO NOT SCALE DRAWING.

01-25-10  
---  
Updated GD&T

DATE LTR REVISION

CHK

Added FLEXING ELEMENT;  
Finish was Anodize;  
Updated GD&T

HG

JAJ

Unless otherwise noted dimensions in millimeters.

Tolerances are:  
Decimals: X ± .5mm  
XX ± .25mm  
XXX ± .15mm  
Angles: ± .2 degrees  
Break sharp corners .25mm max.

APPROVALS DRAWN

DATE 9-6-02

CHECKED MC

10-3-02

PRODN DH

10-3-02

ISSUED

WEIGHT 3.2g (calc)

SCALE 4/1

SIZE A

HELICAL PRODUCTS CO., INC.  
P.O. BOX 1069 SANTA MARIA, CA. 93456 U.S.A  
PHONE (805) 928-9851 FSC19201

TITLE HELICAL FLEXIBLE SHAFT COUPLING

MATERIAL 7075-T6 Aluminum Alloy

FINISH Anodize per HPS1000

DWG NO

XAS12

ADDITION DATE	PART NUMBER	BORE TOLERANCES		ADDITION DATE	PART NUMBER	BORE TOLERANCES		COMMENTS
		$\phi A1$	$\phi A2$			$\phi A1$	$\phi A2$	
6 SEP 02	XAS12-4mm-4mm	4.00mm	4.00mm					
6 SEP 02	XAS12-5mm-5mm	5.00mm	5.00mm					
03 APR 12	XAS12-4mm-2mm	4.00mm	2.00mm					
29 Apr 16	XAS12-3.5mm-3.5mm	3.50mm	3.50mm					

APPROVALS	DATE	APPROVALS	DATE
DRAWN <b>DRW</b>	<b>9-6-02</b>		
CHECKED <b>MC</b>	<b>10-3-02</b>		
PRODN <b>DH</b>	<b>10-3-02</b>		
ISSUED			

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PHONE (805) 928-3851/FSCI3201

TITLE **HELICAL FLEXIBLE SHAFT COUPLING**

DWG NO **XAS12** REV