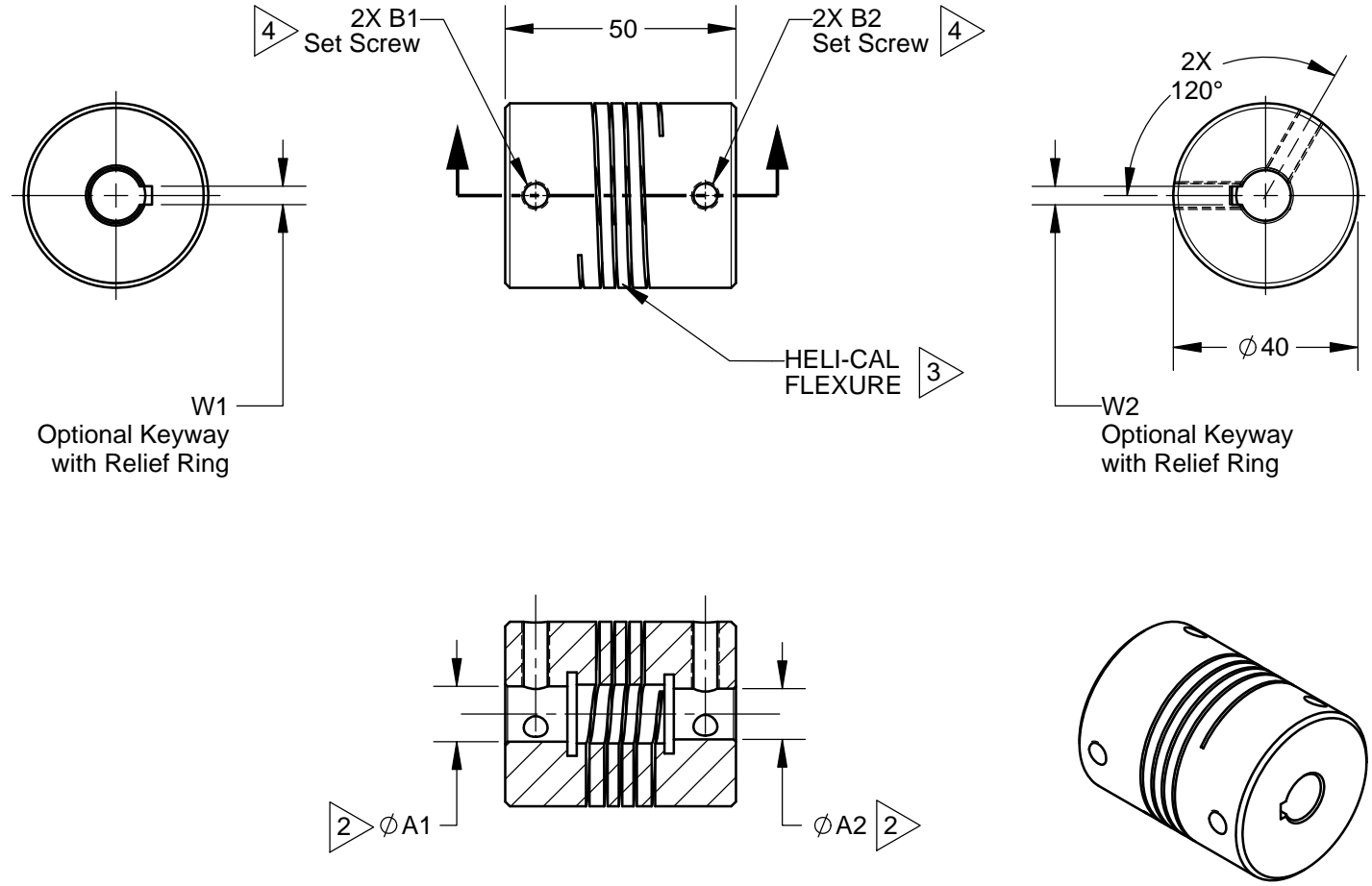


NOTES:

- 1 Refer to Secondary Sheet for Tabulated Data.
- 2  $\phi A1$  and  $\phi A2$  shafts may near butt except:  
When any Bore  $> \phi 16.0$  the component shaft MAX penetration is 15.36.
- 3 Hubs and HELI-CAL FLEXURE are made from a single piece of material.
- 4 Set Screw attachment, hex. socket, ISO std., cup point set screw furnished: both hubs.
- 5 Backlash: None.  
No lubrication required.
- 6 Permitted axial motion from free length:  $\pm 0.25$
- 7 RPM: Up to 10,000, depending on application.
- 8 Working torque ratings are based upon continuous duty with noted misalignments applied separately and may be increased with improved alignment:  
Refer to Tabulated Data
- 9 Permissible shaft misalignment:  
Angular, up to  $5^\circ$   
Offset, up to 0.25 (FIM, 0.50)



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08-08-13	---	Redrawn in Solidworks	CL	JAJ/EK
DATE	LTR	REVISION	APVR	

Unless otherwise specified all tolerances and dimensions are in millimeters.

Inch	Metric
X/XX $\pm$ 1/64	X $\pm$ 0.5mm
.XX $\pm$ .01	X.X $\pm$ 0.25mm
.XXX $\pm$ .005	X.XX $\pm$ 0.15mm
Angles $\pm 2^\circ$	

Break sharp corners .25 MAX  
All surface finish 63 roughness  
Do Not Scale Drawing

		<b>HELICAL PRODUCTS COMPANY</b>		901 West McCoy Lane P.O. BOX 1069 SANTA MARIA, CA. 93456 U.S.A. PHONE (805) 928-3851 FSC13201	
		DRAWN BY <b>BJM</b>	DATE <b>09-02-99</b>	TITLE <b>HELICAL FLEXIBLE SHAFT COUPLING</b>	
CHECKED BY <b>MC</b>	DATE <b>09-20-99</b>	MATL <b>17-4PH CRES HT</b>			
APPRVD BY <b>DH</b>	DATE <b>09-28-99</b>	FINISH <b>Natural</b>			
WEIGHT (calculated) <b>375g</b>		DRAWING NUMBER <b>W740</b>		REV	
SHEET <b>1</b> of <b>2</b>					

