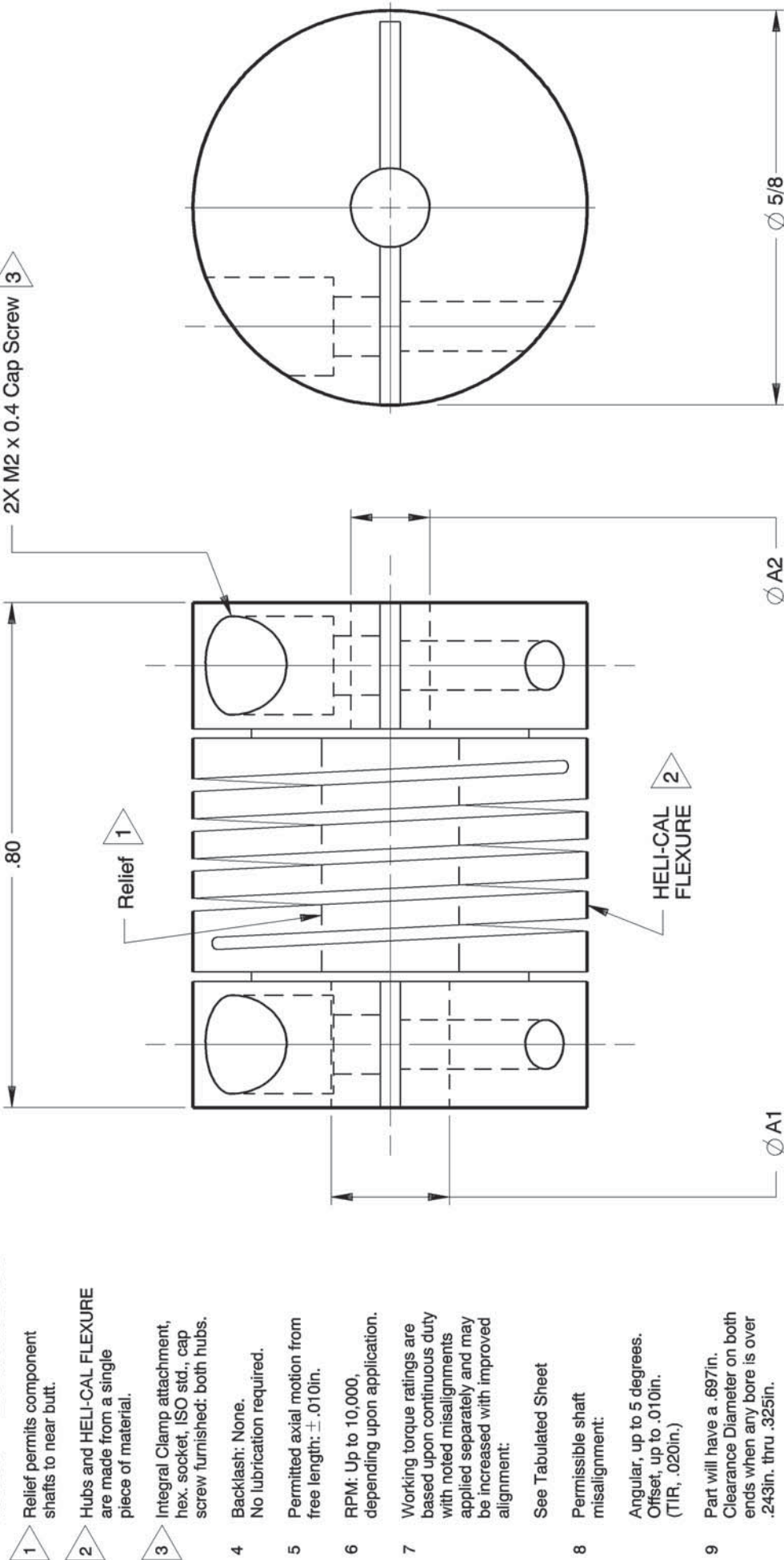


NOTES: See Tabulated Sheet



- 1 Relief permits component shafts to near butt.
- 2 Hubs and HELI-CAL FLEXURE are made from a single piece of material.
- 3 Integral Clamp attachment, hex. socket, ISO std., cap screw furnished: both hubs.
- 4 Backlash: None. No lubrication required.
- 5 Permitted axial motion from free length: $\pm .010$ in.
- 6 RPM: Up to 10,000, depending upon application.
- 7 Working torque ratings are based upon continuous duty with noted misalignments applied separately and may be increased with improved alignment.
- 8 See Tabulated Sheet
- 9 Permissible shaft misalignment: Angular, up to 5 degrees. Offset, up to .010in. (TIR, .020in.)
- 9 Part will have a .697in. Clearance Diameter on both ends when any bore is over .243in. thru .325in.

ACRM062-6-4 SHOWN

<p>NOTICE: THE INFORMATION AND DATA CONTAINED HEREIN IS CONSIDERED PROPRIETARY TO HELICAL PRODUCTS COMPANY, INC., AND SHALL REMAIN THE EXCLUSIVE PROPERTY OF HELICAL. THE HOLDER WILL ASSUME CUSTODY AND CONTROL THAT THIS DOCUMENT WILL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE EXPRESS WRITTEN CONSENT OF HELICAL. POSSESSION OF THIS DOCUMENT DOES NOT CONSTITUTE A GRANT TO MANUFACTURE ANY ITEMS.</p> <p>DO NOT SCALE DRAWING.</p>		<p>DATE</p> <p>12-18-09</p>	<p>LTR</p> <p>---</p>	<p>REVISION</p> <p>BJM</p>	<p>CHK</p> <p>MC</p>	<p>APPROVALS</p> <p>DRAWN MM</p> <p>CHECKED MC</p> <p>PRODN APA</p> <p>ISSUED</p>	<p>DATE</p> <p>1-2-80</p> <p>1-2-80</p> <p>1-2-80</p>	<p>UNLESS OTHERWISE NOTED DIMENSIONS IN INCHES.</p> <p>Tolerances are: Fractions: $\pm 1/64$ Decimals: $.XX \pm .010$ $.XXX \pm .005$ $.XXXX \pm .0010$ Angles: ± 2 degrees Break sharp corners $.010$ max.</p>	<p>HELICAL PRODUCTS CO., INC.</p> <p>P.O. BOX 1069 SANTA MARIA, CA. 93456 U.S.A</p> <p>PHONE (805) 928-3851 FSC13201</p>	
<p>Finish is Chromic Acid Anodize; Updated GD&T</p>		<p>10g (calc)</p>	<p>10g (calc)</p>	<p>10g (calc)</p>	<p>10g (calc)</p>	<p>10g (calc)</p>	<p>10g (calc)</p>	<p>10g (calc)</p>	<p>10g (calc)</p>	<p>10g (calc)</p>
<p>No revision</p>		<p>2-25-99</p>	<p>2-25-99</p>	<p>2-25-99</p>	<p>2-25-99</p>	<p>2-25-99</p>	<p>2-25-99</p>	<p>2-25-99</p>	<p>2-25-99</p>	<p>2-25-99</p>
<p>Scale 4/1</p>		<p>Scale 4/1</p>	<p>Scale 4/1</p>	<p>Scale 4/1</p>	<p>Scale 4/1</p>	<p>Scale 4/1</p>	<p>Scale 4/1</p>	<p>Scale 4/1</p>	<p>Scale 4/1</p>	<p>Scale 4/1</p>
<p>Material</p>		<p>Material</p>	<p>Material</p>	<p>Material</p>	<p>Material</p>	<p>Material</p>	<p>Material</p>	<p>Material</p>	<p>Material</p>	<p>Material</p>
<p>Title</p>		<p>Title</p>	<p>Title</p>	<p>Title</p>	<p>Title</p>	<p>Title</p>	<p>Title</p>	<p>Title</p>	<p>Title</p>	<p>Title</p>
<p>Weight</p>		<p>Weight</p>	<p>Weight</p>	<p>Weight</p>	<p>Weight</p>	<p>Weight</p>	<p>Weight</p>	<p>Weight</p>	<p>Weight</p>	<p>Weight</p>
<p>Scale</p>		<p>Scale</p>	<p>Scale</p>	<p>Scale</p>	<p>Scale</p>	<p>Scale</p>	<p>Scale</p>	<p>Scale</p>	<p>Scale</p>	<p>Scale</p>
<p>Size</p>		<p>Size</p>	<p>Size</p>	<p>Size</p>	<p>Size</p>	<p>Size</p>	<p>Size</p>	<p>Size</p>	<p>Size</p>	<p>Size</p>
<p>DWG NO</p>		<p>DWG NO</p>	<p>DWG NO</p>	<p>DWG NO</p>	<p>DWG NO</p>	<p>DWG NO</p>	<p>DWG NO</p>	<p>DWG NO</p>	<p>DWG NO</p>	<p>DWG NO</p>
<p>ACRM062</p>		<p>ACRM062</p>	<p>ACRM062</p>	<p>ACRM062</p>	<p>ACRM062</p>	<p>ACRM062</p>	<p>ACRM062</p>	<p>ACRM062</p>	<p>ACRM062</p>	<p>ACRM062</p>

ADDITION DATE	PART NUMBER	BORE TOLERANCES			TORQUES (bin)			TORSIONAL FLEXIBILITY	MASS MOMENT OF INERTIA	COMMENTS	
		+002in or -000in		+05mm or -00mm		Non-reversing	Shock or Reversing				Momentary
		A1 Dia	A2 Dia	A1 Dia	A2 Dia						
09 Mar 88	ACRM062-3mm-3mm	3.00mm	3.00mm	7	4	14					
09 Mar 88	ACRM062-3.17mm-3mm	3.17mm	3.00mm	7	4	14					
25 May 88	ACRM062-4-2mm	.125in	2.00mm	7	3	14					
25 May 88	ACRM062-4-3M	.125in	.090in	7	3	14					
09 Mar 88	ACRM062-4-3	.125in	.094in	7	3	14					
09 Mar 88	ACRM062-4-3mm	.125in	3.00mm	7	3	14					
09 Mar 88	ACRM062-4-4	.125in	.125in	7	3	14					
	ACRM062-3.5mm-3.5mm	3.50mm	3.50mm	6	3	12					
	ACRM062-5-3	.157in	.094in	6	3	12					
09 Mar 88	ACRM062-5-5	.157in	.157in	6	3	12					
	ACRM062-4mm-2mm	4.00mm	2.00mm	6	3	12					
	ACRM062-4mm-2.5mm	4.00mm	2.50mm	6	3	12					
	ACRM062-4mm-3mm	4.00mm	3.00mm	6	3	12					
	ACRM062-4mm-3.6mm	4.00mm	3.60mm	6	3	12					
03 Nov 88	ACRM062-4mm-4mm	4.00mm	4.00mm	6	3	12					
16 May 11	ACRM062-4.5mm-3mm	4.50mm	3.00mm	5	3	10					
25 May 88	ACRM062-4.74mm-3.98mm	4.74mm	3.98mm	5.0	2.5	10.0					
25 May 88	ACRM062-6-2 Superseded	.188in	.063in	5.0	2.5	10.0					
25 May 88	ACRM062-6-2mm	.188in	2.00mm	5.0	2.5	10.0					
25 May 88	ACRM062-6-3M	.188in	.090in	5.0	2.5	10.0					
16 May 11	ACRM062-6-2.3mm	.188in	2.30mm	5.0	2.5	10.0					
14 Jul 10	ACRM062-6-3	.188in	.094in	5.0	2.5	10.0					
30 Apr 03	ACRM062-6-3mm	.188in	3.00mm	5.0	2.5	10.0					
25 May 88	ACRM062-6-4	.188in	.125in	5.0	2.5	10.0					
09 Mar 88	ACRM062-6-5	.188in	.157in	5.0	2.5	10.0					

*** NOTE: Bores greater than .197in Dia: bore depth is .208in**

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ADDITIONAL BORE SIZES AVAILABLE UPON REQUEST

APPROVALS DATE
 DRAWN
 CHECKED
 PRODN
 ISSUED 5/17/2011 8:56:08 AM
 DWG NO ACRM062
 HELICAL PRODUCTS CO., INC
 P.O. BOX 1069 SANTA MARIA, CA. 93456 U.S.A
 PHONE (805) 928-3851/FSCI3201
 TITLE HELICAL FLEXIBLE SHAFT COUPLING
TABULATED BORE SIZES
 ACRM062

ADDITION DATE	PART NUMBER	BORE TOLERANCES		TORQUES (lbin)			TORSIONAL FLEXIBILITY	MASS MOMENT OF INERTIA	COMMENTS	
		+002in -000in	+05mm -00mm	Non-reversing	Shock or Reversing	Momentary				
										A1 Dia
25 May 88	ACRM062-6-4mm	.188in	4.00mm	5.0	2.5	10.0			A1	A2
09 Mar 88	ACRM062-6-6	.188in	.188in	5.0	2.5	10.0				
	ACRM062-5mm-2mm	5.00mm	2.00mm	4.8	2.4	9.6				
	ACRM062-5mm-3mm	5.00mm	3.00mm	4.8	2.4	9.6				
01 Jun 08	ACRM062-5mm-3.86mm	5.00mm	3.86mm	4.8	2.4	9.6				
	ACRM062-5mm-4mm	5.00mm	4.00mm	4.8	2.4	9.6				
16 May 11	ACRM062-5mm-6	5.00mm	.188in	4.8	2.4	9.6				
	ACRM062-5mm-5mm	5.00mm	5.00mm	4.8	2.4	9.6				
	ACRM062-6mm-4	* 6.00mm	.125in	5.0	2.5	10.0				
25 May 88	ACRM062-6mm-4mm	* 6.00mm	4.00mm	5.0	2.5	10.0				
	ACRM062-6mm-5mm	* 6.00mm	5.00mm	5.0	2.5	10.0				
25 May 88	ACRM062-6mm-6mm	* 6.00mm	* 6.00mm	5.0	2.5	10.0				
28 MAY 15	ACRM062-4.7mm-4mm	4.70mm	4.00mm	5.0	2.5	10.0				
13 OCT 15	ACRM062-6-4M	.188in	.120in	5.0	2.5	10.0				
16 JAN 19	ACRM062-2.3mm-2.3mm	2.30mm	2.30mm	3.6	1.8	7.15				
02 FEB 20	ACRM062-3mm-2mm	3.00mm	2.00mm	7.0	4.0	14				

*** NOTE: Bores greater than .197in Dia: bore depth is .208in**

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ADDITIONAL BORE SIZES AVAILABLE UPON REQUEST

APPROVALS	DATE	TITLE
DRAWN		HELICAL PRODUCTS CO. INC
CHECKED		P.O. BOX 1069 SANTA MARIA, CA. 93456 U.S.A PHONE (805) 928-3851/FSCI3201
PRODN		HELICAL FLEXIBLE SHAFT COUPLING
ISSUED	5/17/2011 8: 56: 08 AM	TABULATED BORE SIZES ACRM062