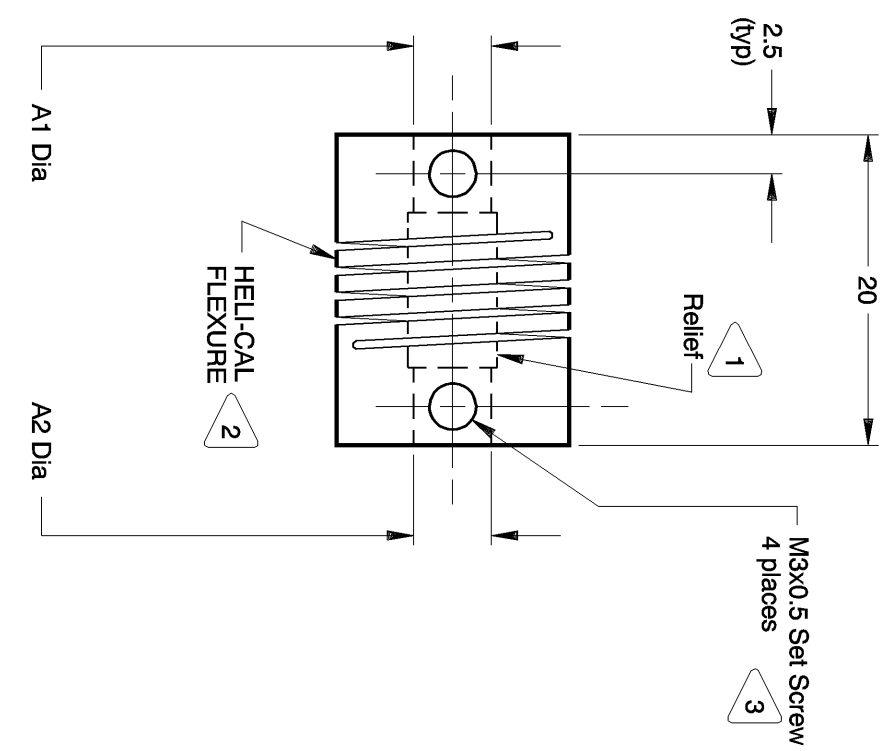


NOTES: See Tabulated Sheet

- 1 Relief permits component shafts to near butt.
- 2 Hubs and HELICAL FLEXURE are made from a single piece of material.
- 3 Set Screw attachment, hex. socket, ISO std., cup point set screw furnished; both hubs. Set screw size based on bore size:
 .078in thru .117in : M2x0.4
 .118in thru .136in : M2.5x0.45
 .137in thru .354in : M3x0.5
- 4 Backlash: None.
No lubrication required.
- 5 Permitted axial motion from free length: ± .25mm.
- 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.
See Tabulated Sheet
- 8 Permissible shaft misalignment:
Angular, up to 5 degrees.
Offset, up to .25mm.
(TIR, .50mm.)



W7 15-5mm-5mm SHOWN

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9-14-98	DATE		LTR	Clerical format update/ No revision	REVISION	BJM	MC	CHK	Unless otherwise noted dimensions in millimeters. Tolerances are: Decimals: X ± .5mm X.X ± .25mm X.XX ± .15mm Angles: ± 2 degrees Break sharp corners .25mm max.	APPROVALS DRAWN MM 8-4-78	DATE 8-4-78	HELICAL PRODUCTS CO., INC. P.O. BOX 1069 SANTA MARIA, CA. 93456 U.S.A PHONE (805) 928-3851 FSC13201
									PROD N APA 8-4-78	TITLE HELICAL FLEXIBLE SHAFT COUPLING		
									ISSUED	MATERIAL 17-4PH CRES	FINISH Natural	
									WEIGHT 23g (calc)			
									SCALE 2/1	SIZE A	DWG NO W7 15	

ADDITION DATE	PART NUMBER	BORE TOLERANCES		TORQUES (Nm)			TORSIONAL FLEXIBILITY	MASS MOMENT OF INERTIA	COMMENTS
		A1 Dia	A2 Dia	Non-reversing	Shock or Reversing	Momentary			
09 Mar 88	W715-3mm-3mm	+0.02in -0.00in	+0.05mm -0.00mm	.70	.35	1.4			
	W715-4-3mm	.125in	3.00mm	.70	.35	1.4			
02 May 90	W715-3.8mm-3.8mm	3.80mm	3.80mm	.68	.34	1.4			
07 Jan 03	W715-5-4	.157in	.125in	.65	.33	1.3			
03 May 88	W715-4mm-3mm	4.00mm	3.00mm	.65	.33	1.3			
	W715-4mm-4M	4.00mm	.120in	.65	.33	1.3			
03 May 88	W715-4mm-4	4.00mm	.125in	.65	.33	1.3			
09 Mar 88	W715-4mm-4mm	4.00mm	4.00mm	.65	.33	1.3			
	W715-4.5mm-3mm	4.50mm	3.00mm	.65	.33	1.3			
09 Mar 88	W715-4.53mm-4M	4.53mm	.120in	.65	.33	1.3			
09 Mar 88	W715-6-4M	.188in	.120in	.65	.33	1.3			
09 Mar 88	W715-6-6	.188in	.188in	.65	.33	1.3			
31 Aug 01	W715-5mm-2mm	5.00mm	2.00mm	.60	.30	1.2			
09 Mar 88	W715-5mm-3mm	5.00mm	3.00mm	.60	.30	1.2			
	W715-5mm-4	5.00mm	.125in	.60	.30	1.2			
09 Mar 88	W715-5mm-4mm	5.00mm	4.00mm	.60	.30	1.2			
09 Dec 04	W715-5mm-4.5mm	5.00mm	4.50mm	.60	.30	1.2			
16 Apr 04	W715-5mm-6	5.00mm	.188in	.60	.30	1.2			
09 Mar 88	W715-5mm-5mm	5.00mm	5.00mm	.60	.30	1.2			
	W715-6mm-3mm	* 6.00mm	3.00mm	.60	.30	1.2			
	W715-6mm-4mm	* 6.00mm	4.00mm	.60	.30	1.2			
09 Mar 88	W715-6mm-5mm	* 6.00mm	5.00mm	.60	.30	1.2			
09 Mar 88	W715-6mm-6mm	* 6.00mm	* 6.00mm	.60	.30	1.2			
09 Mar 88	W715-8-3mm	* .250in	3.00mm	.60	.30	1.2			
09 Mar 88	W715-8-4mm	* .250in	4.00mm	.60	.30	1.2			
03 May 88	W715-8-5mm	* .250in	5.00mm	.60	.30	1.2			
	W715-8-6mm	* .250in	* 6.00mm	.60	.30	1.2			
	W715-8-8	* .250in	* .250in	.60	.30	1.2			
02 Apr 01	W715-6.4mm-6.4mm	* 6.40mm	* 6.40mm	.60	.30	1.2			
13 May 04	W715-7mm-7mm	* 7.00mm	* 7.00mm	.60	.30	1.2			
	W715-8mm-3mm	* 8.00mm	3.00mm	.60	.30	1.2			

* NOTE: Bores greater than 5.00mm Dia: bore depth is 5.00mm

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ADDITIONAL BORE SIZES AVAILABLE UPON REQUEST

APPROVALS	DATE	HELICAL PRODUCTS CO., INC
DRAWN		P.O. BOX 1069 SANTA MARIA, CA, 93456 U.S.A
CHECKED		PHONE (805) 928-3851(FSC1320)
PRODN		TITLE HELICAL FLEXIBLE SHAFT COUPLING
ISSUED	3/30/2006 10:21:23 AM	DWG NO W715
		TABULATED BORE SIZES

ADDITION DATE	PART NUMBER	BORE TOLERANCES		TORQUES (Nm)			TORSIONAL FLEXIBILITY	MASS MOMENT OF INERTIA	COMMENTS
		A1 Dia	A2 Dia	Non-reversing	Shock or Reversing	Momentary			
16 Jun 89	W715-8mm-6mm W715-8mm-8mm	* 8.00mm * 8.00mm	* 6.00mm * 8.00mm	.60 .60	.30 .30	1.2 1.2			A1 A2

*** NOTE: Bores greater than 5.00mm Dia: bore depth is 5.00mm**

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TABULATED BORE SIZES