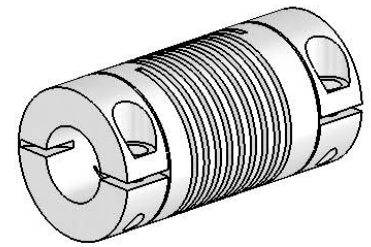
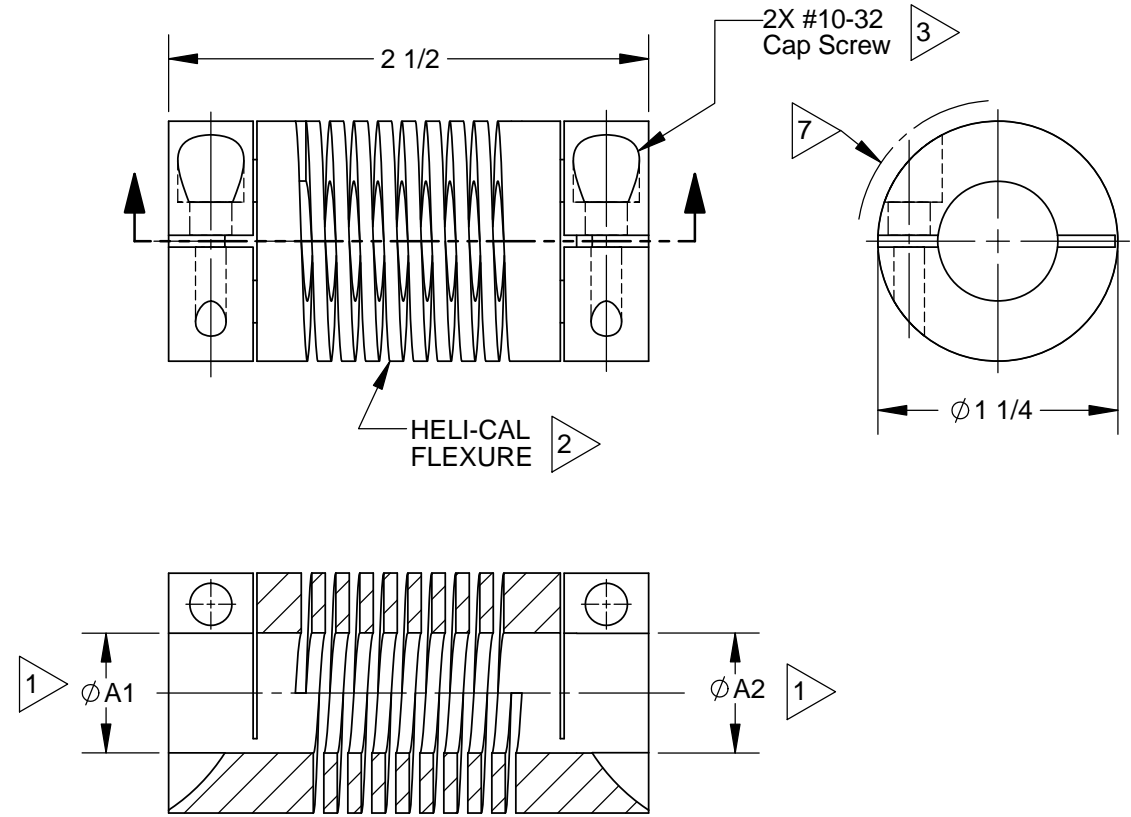


NOTES:

- 1 Restricted bores:
 MAX shaft penetration:
 A1 bore- .56
 A2 bore- .56

 Minimum shaft end to shaft end: 1.38
- 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 Working torque ratings are based upon continuous duty with noted misalignments applied separately and may be increased with improved alignment:
 See Tabulated Sheet
- 6 Permissible shaft misalignment:
 Angular, up to 30 degrees.
- 7 Clearance Diameter on both ends: 1.294



Description: HELICAL FLEXURED U JOINT					
Finish: Natural			Material: 17-4PH CRES HT		
Date	Ltr.	Revision	Drwn.	Chk.	App.
MH/08-28-2017		BMS/01-18-2018	EK/01-24-18		
Drawn By/Date		Checked By/Date		Approved By/Date	
				DO NOT SCALE DRAWING SCALE: 1:1	

Unless Otherwise Specified
 All Tolerances & Dimensions are in Inches

INCH	Angles	METRIC
X/XX = ± 1/64	X = ± 2°	X = ± 0.5mm
.XX = ± .01	X.X = ± 0.25mm	
.XXX = ± .005	X.XX = ± 0.15mm	

All surface finish 63 roughness
 Break all sharp corners .010 MAX
 Interpret IAW ASME Y14.5 2009

HELICAL
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Finish: **Natural**

Material: **17-4PH CRES HT**

Drawing No.: **UJ7C125-30**

Sales Sht. No.: **2 of 2** Rev. **A**

DO NOT SCALE DRAWING

DESCRIPTION	BORE SIZES		TORQUES (Lbin)		
	TOLERANCE +.002in or +0.05mm -.000 0		Momentary Dynamic	Non- Reversing	Shock or Reversing
Ø A1	Ø A2				
UJ7C125-30-12-12	.375in	.375in	97	49	24
UJ7C125-30-16-16	.500in	.500in	81	40	20