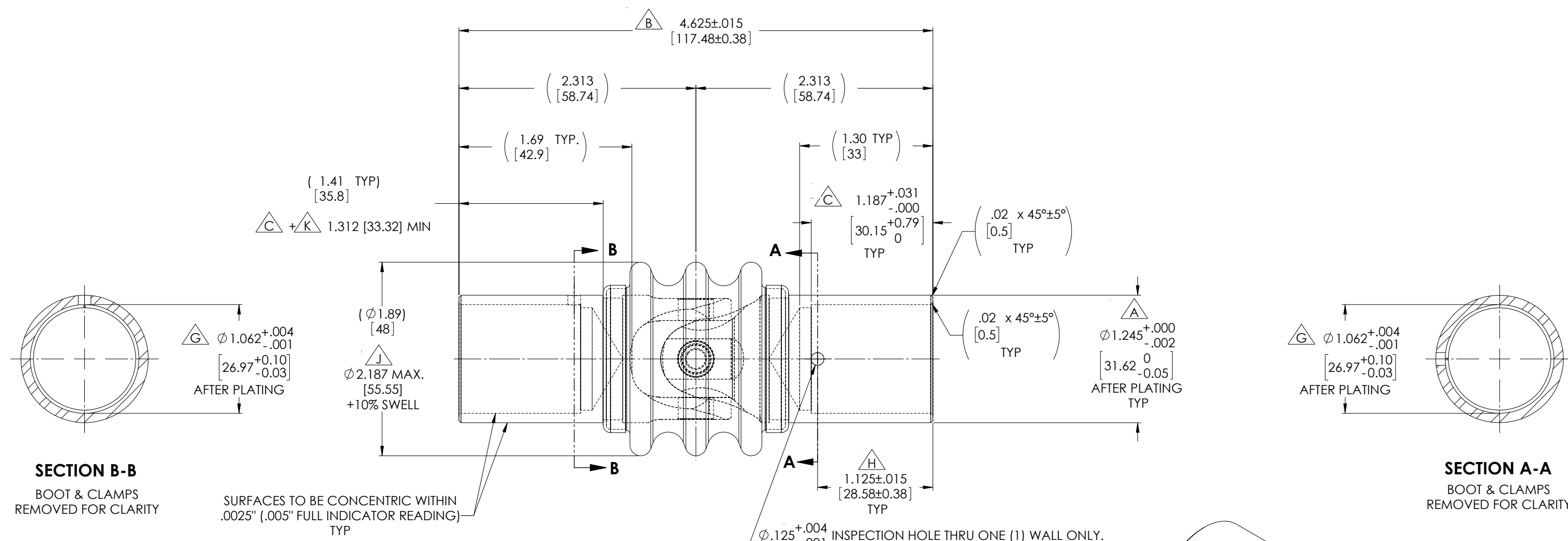


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED



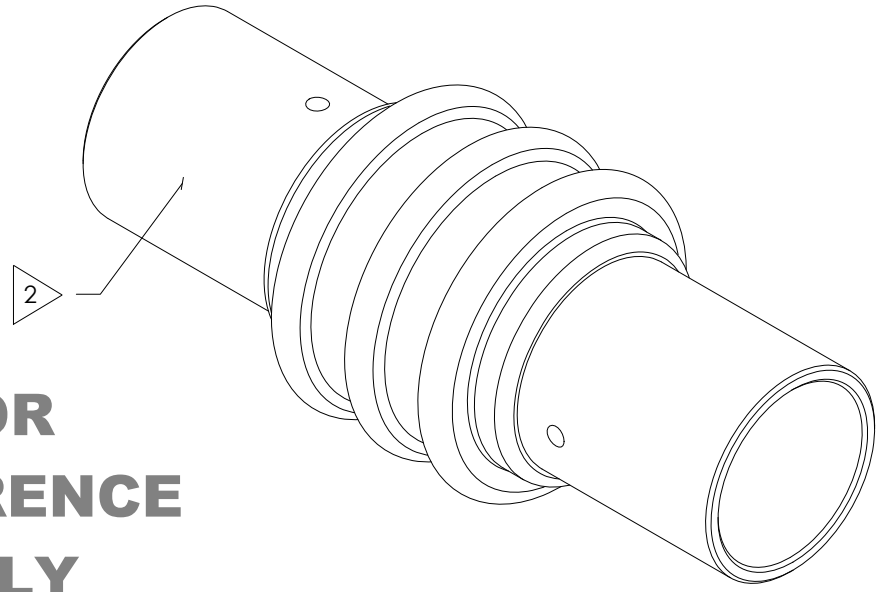
NOTE(s), UNLESS OTHERWISE SPECIFIED.

- (1) REF., FINISH ALL EXTERNAL STEEL COMPONENTS: CADMIUM PLATE I.A.W. SAE-AMS-QQ-P-416, TYPE II (YELLOW CHROMATE), CLASS 2.
- (2) IDENTIFICATION: ELECTRO-ETCH or LASER MARK ASSEMBLY w/ NAME, PART NUMBER, MANUFACTURER CAGE CODE, DATE OF MFR, & BELDEN JOB No.

BELDEN  
MS20271B20  
1R6X2 (MO/YR)  
(BELDEN JOB No.)

- (3) LUBRICATION: LUBRICANT TO CONSIST OF A UNIFORM MIXTURE OF GREASE CONFORMING TO MIL-PRF-32014 or MIL-PRF-81322 WITH A 6 ± 1/2% BY WEIGHT ADDITIVE CONFORMING TO SAE-AMS-M-7866 LUBRICANT, MOLYBDENUM DISULFIDE.
- (4) CLOSURE (BOOT): MUST BE RESISTANT TO OZONE CRACKING AND BE ABLE TO RETAIN THE LUBRICANT AT ALL TEMPERATURES BETWEEN -67° F (-55° C) AND +160° F (+71° C) DURING OPERATION.
- (5) ANGULARITY: TO BE OPERABLE TO A MINIMUM ANGLE OF 30°.
- (6) TORSIONAL PLAY (BACKLASH): 0.24° ± 2% @ 8 Lb-In [0.90 N-m] ± 2%.
- (7) END PLAY: .0027" [0.069 mm] TOTAL WITH A 5 LB [2.27 kg] LOAD APPLIED IN BOTH DIRECTIONS WITHOUT LUBRICANT.
- (8) SIDE PLAY: .0055" [0.140 mm] TOTAL WITH A 5 LB [2.27 kg] LOAD APPLIED IN BOTH DIRECTIONS WITHOUT LUBRICANT.
- (9) REF., ULTIMATE STATIC TORQUE: 9,500 IN-LBS [1073.36 N-m] ± 2%.
- (10) REF., ULTIMATE TENSILE OR COMPRESSIVE STRENGTH: 7,000 LBS [3175.15 kg] ± 2%.
- (11) DESIGNED I.A.W. MIL-DTL-6193, CLASS 2, TYPE B & MS20271.
- (12) FLAG NOTES  $\triangle A$ ,  $\triangle B$ ,  $\triangle C$  ... CORRESPOND TO DIMENSIONS AS LABELED ON SPECIFICATION MS20271.

**FOR  
REFERENCE  
ONLY**



DO NOT SCALE DRAWING

UNLESS OTHERWISE SPECIFIED: CHAMFER ALL HOLES BREAK ALL SHARP CORNERS DE-BURR ALL FEATURES	STANDARD TOLERANCES, UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (mm)	MATERIAL:	INITIALS	DATE	Belden Universal www.beldenuniversal.com
		ALLOY STEEL	RNK	08FEB96	
TURNED SURFACES: $\checkmark$ <sub>63</sub> MILLED SURFACES: $\checkmark$ <sub>125</sub>	ANGULAR MACHINED: ±1.0° FRACTIONAL: ±.015" TWO PLACE DECIMAL: ±.010" THREE PLACE DECIMAL: ±.005" FOUR PLACE DECIMAL: ±.0005" CONCENTRICITY: .0025" T.I.R.	HEAT TREAT:	ENG APPR.	RNK	18NOV09
		SEE DETAIL DRAWINGS	MFG APPR.		
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BELDEN UNIVERSAL. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BELDEN UNIVERSAL IS PROHIBITED.	ALL HOLES TO BE LOCATED ON CENTERLINE (Q) WITHIN .005" T.I.R.	FINISH/COATING:	COMMENTS:		SIZE DWG. NO.
	INTERPRET GEOMETRIC TOLERANCES I.A.W. ASME Y14.5	CADMIUM PLATED			<b>B</b> MS20271B20
					SCALE: 2:1
					WEIGHT (Lbs): 0.796
					SHEET 1 OF 2