

1. FINISH: 125/

2. ALL EDGES SHALL BE BROKEN .005+/-0.007 UNLESS OTHERWISE SPECIFIED AND SHALL BE FREE FROM BURRS.

3. MATERIAL: STEEL, COLD ROLLED, NO. 4 TEMPER, SPEC ASTM A109/A109M.

4. DIMENSIONS LABELED (X) APPLY AT THEORETICAL SHARP INTERSECTIONS.

5. FILLER SHALL BE CAPABLE OF BEING POSITIONED AND RETAINED ON MAGAZINE 13058014.

6. FILLER SHALL BE CAPABLE OF POSITIONING AND HOLDING A LOADED 10 ROUND 5.56MM CARTRIDGE CLIP SO AS TO PERMIT TRANSFER OF THE CARTRIDGES FROM THE CLIP TO MAGAZINE 13058014. THIS SEQUENCE SHALL BE ABLE TO BE REPEATED, UNTIL THE MAGAZINE IS LOADED TO CAPACITY.

7. FINISH 5.3.1.1 OR 5.3.2.1 OF MIL-STD-171 FOLLOWED BY SUPPLEMENTARY FINISH MIL-DTL-3688. ALKALINE CLEANING IS AUTHORIZED FOR CLEANING IN LIEU OF ABRASIVE BLASTING. MINIMUM COATING WEIGHT FOR FINISH 5.3.1.1 OR 5.3.2.1 OF MIL-STD-171 SHALL BE IN ACCORDANCE WITH MIL-DTL-16232 (FOR TYPE Z: 11 GRAMS PER SQUARE METER MINIMUM). FOR TYPE Z, RECOMMEND 15 GRAMS PER SQUARE METER TO ACHIEVE PERFORMANCE REQUIRED IN NOTE 11.

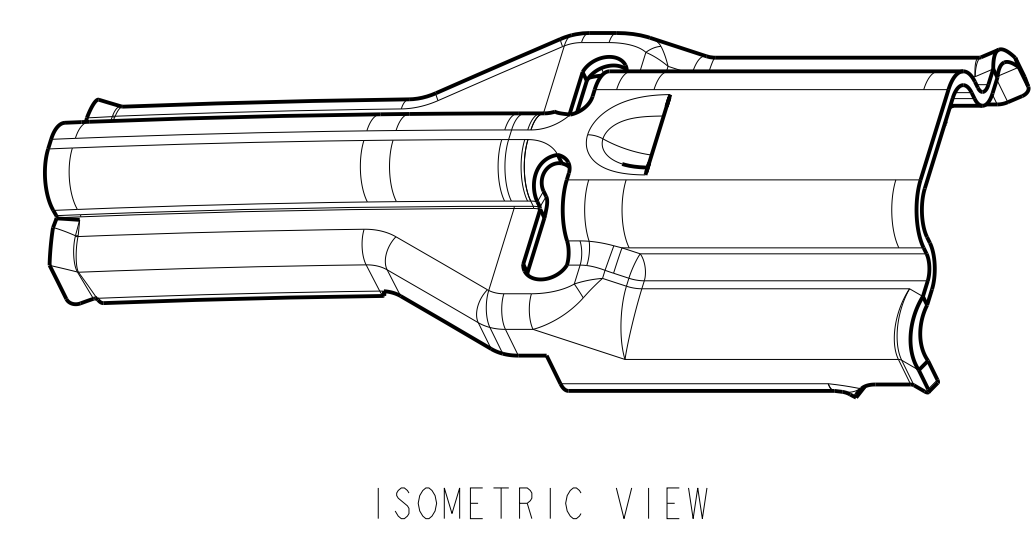
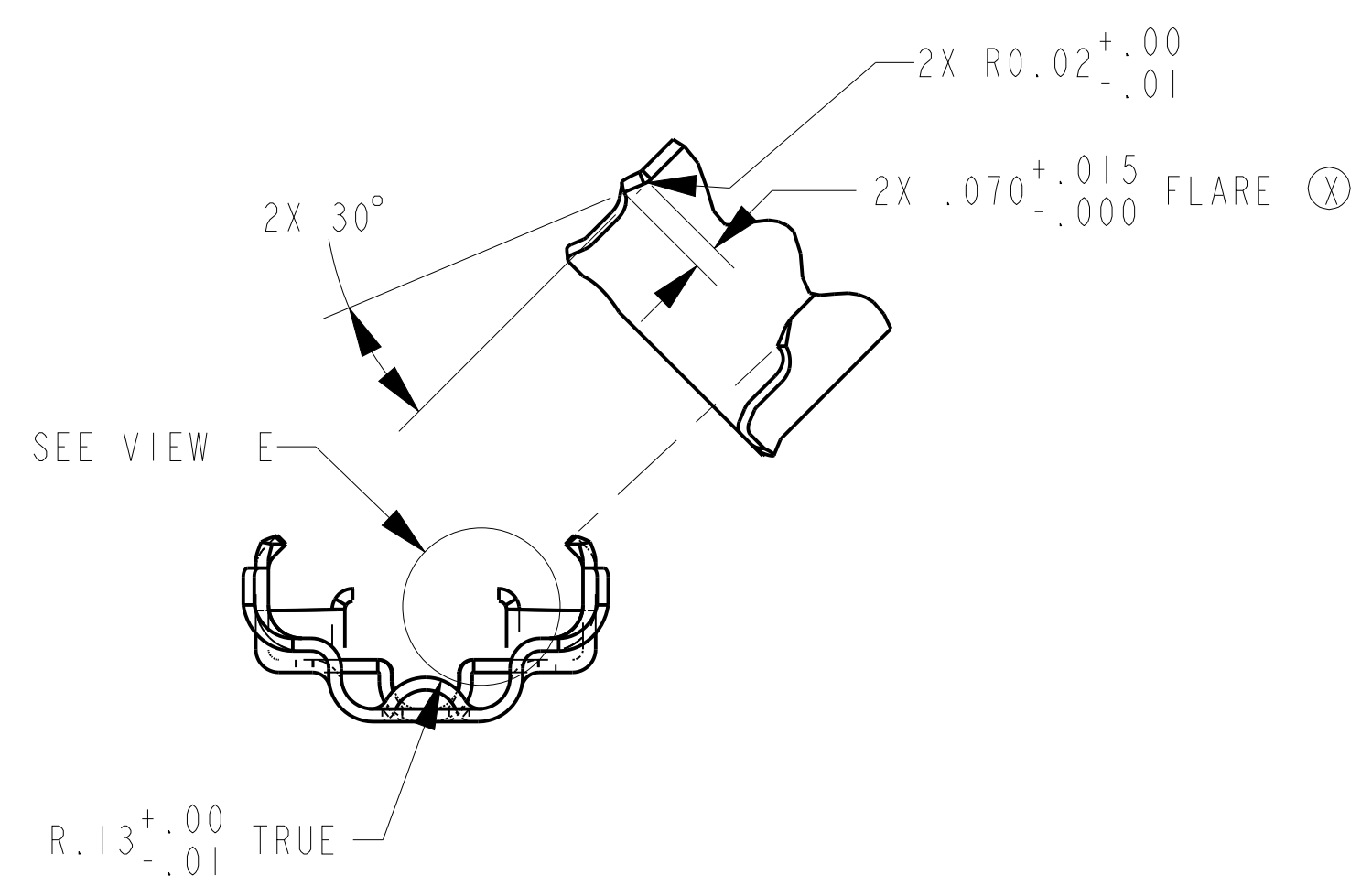
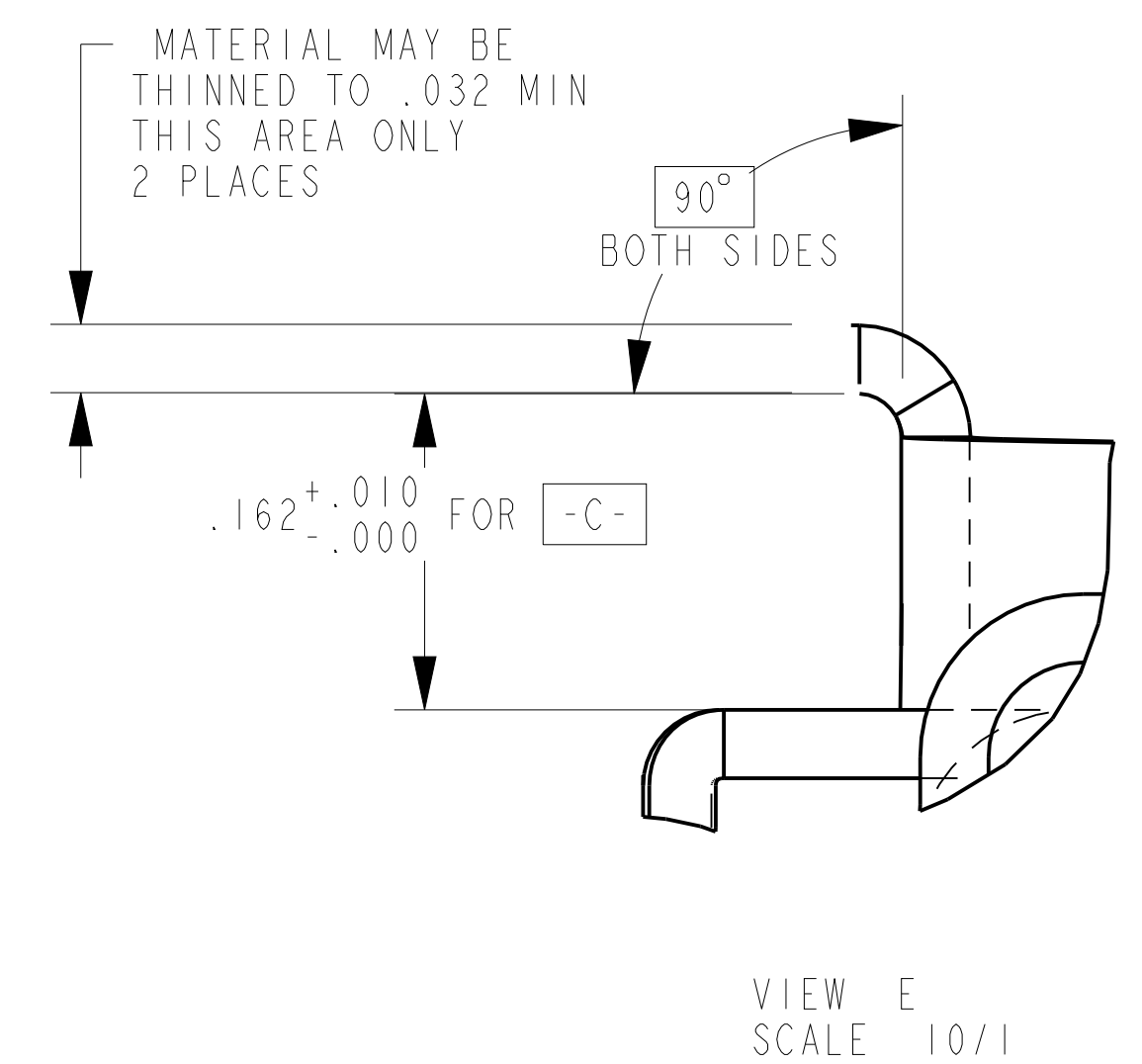
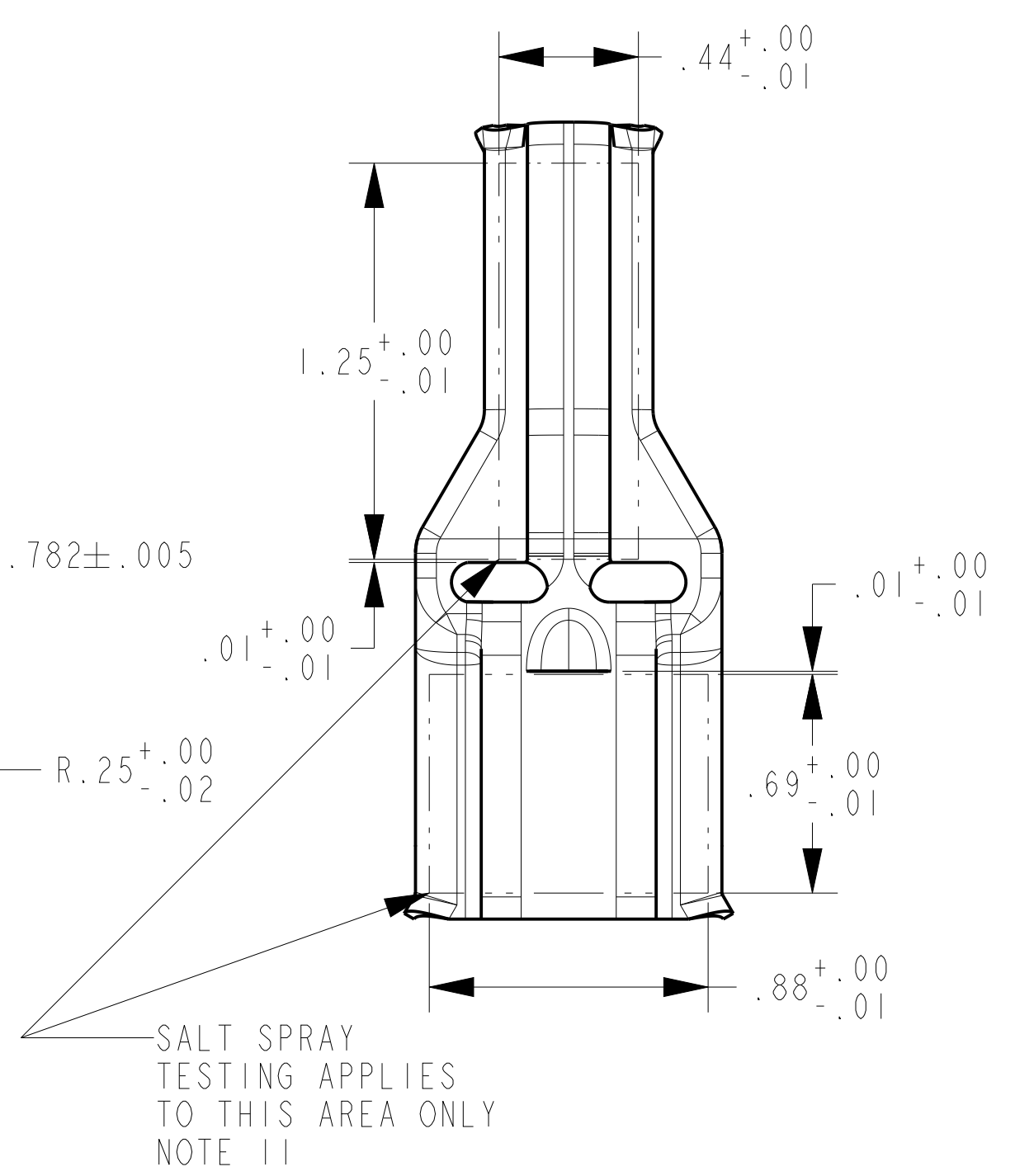
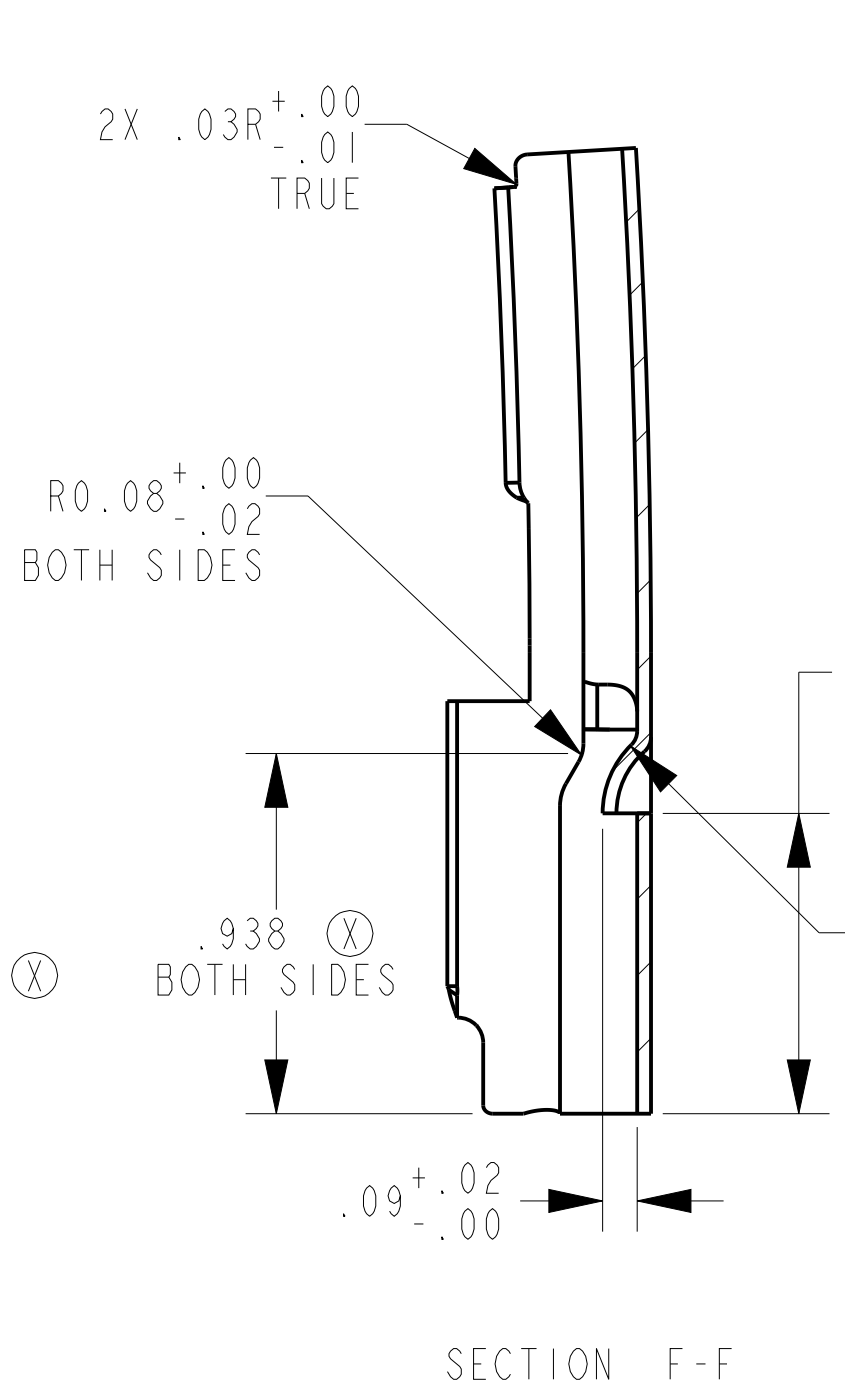
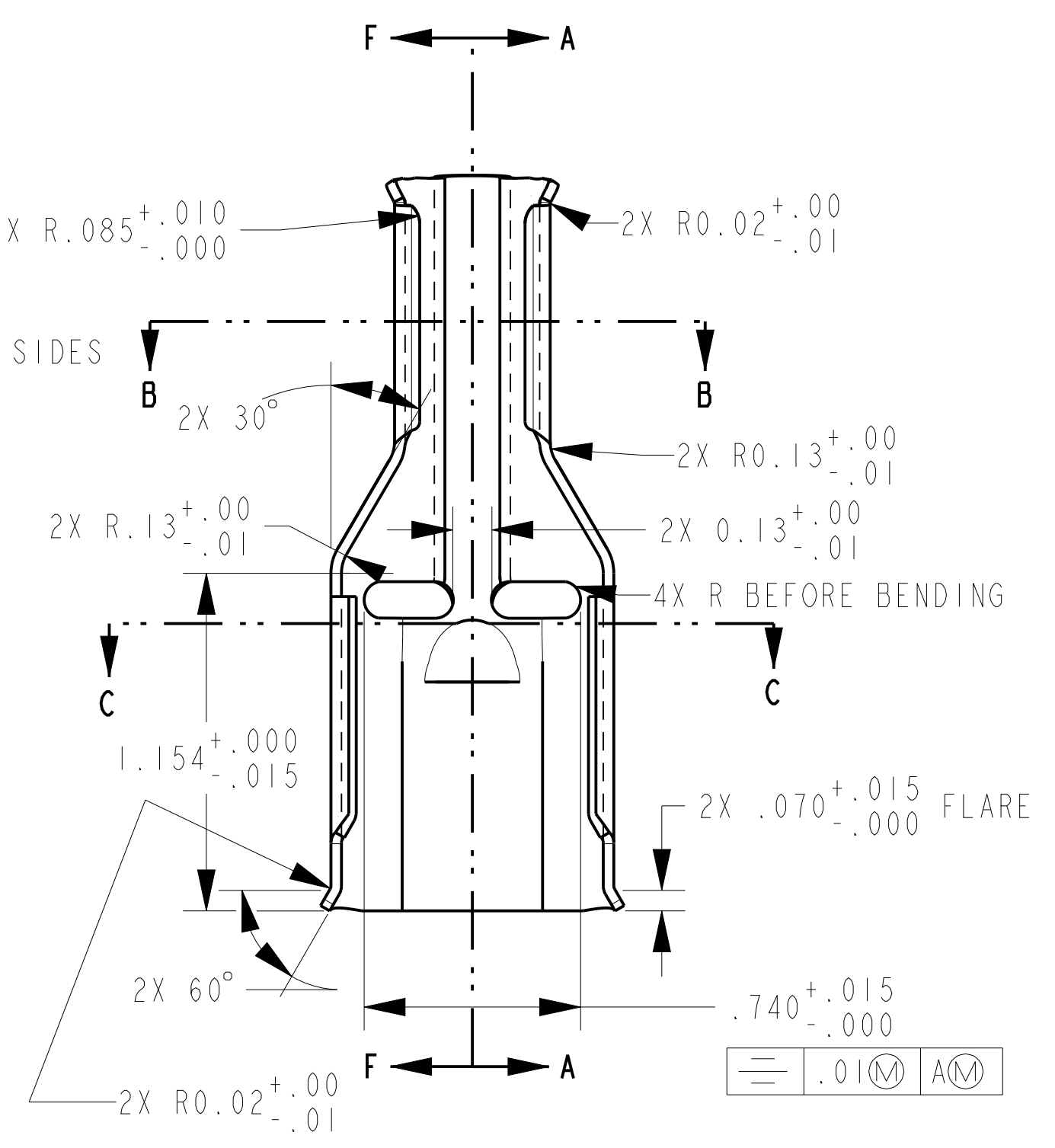
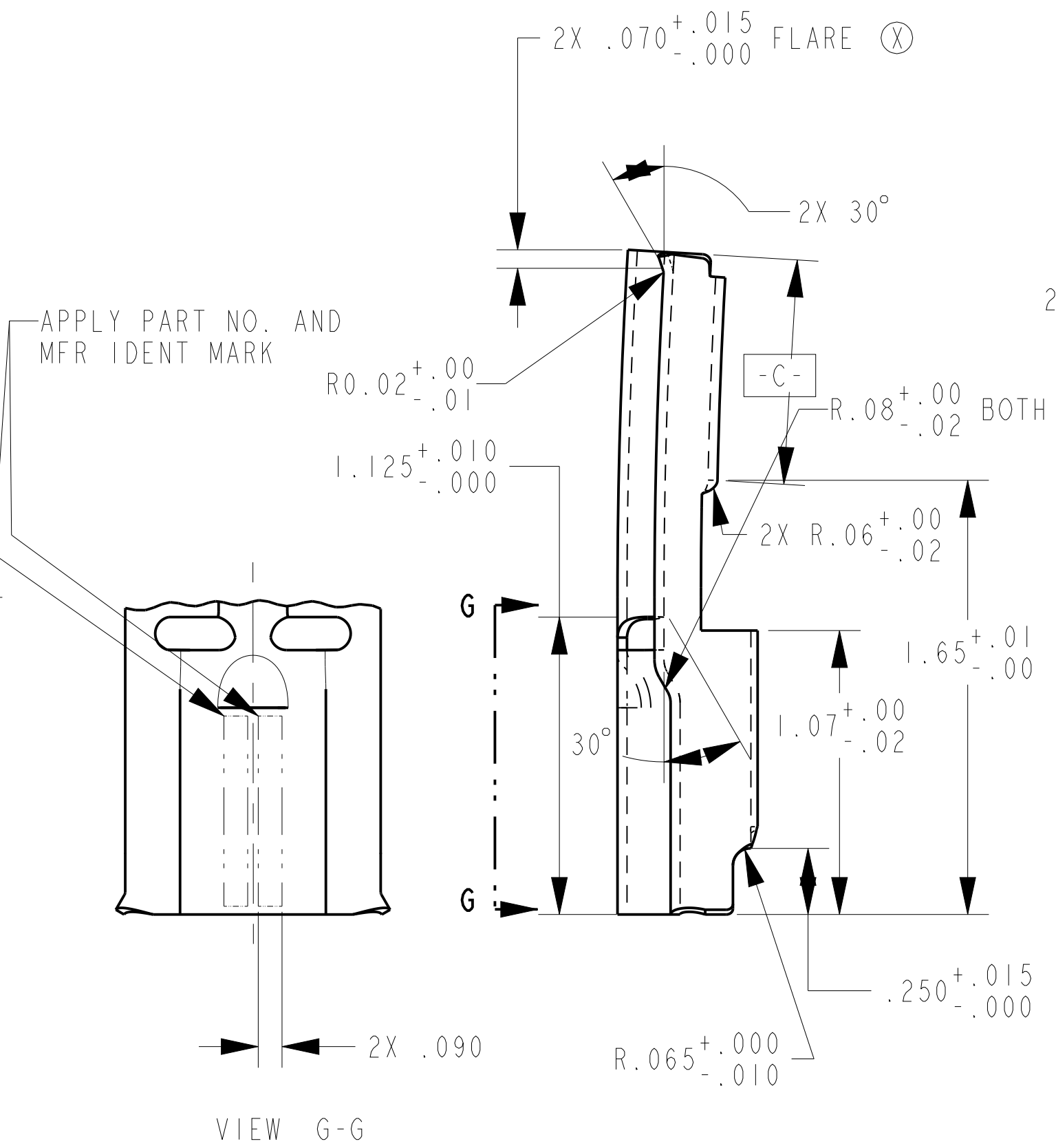
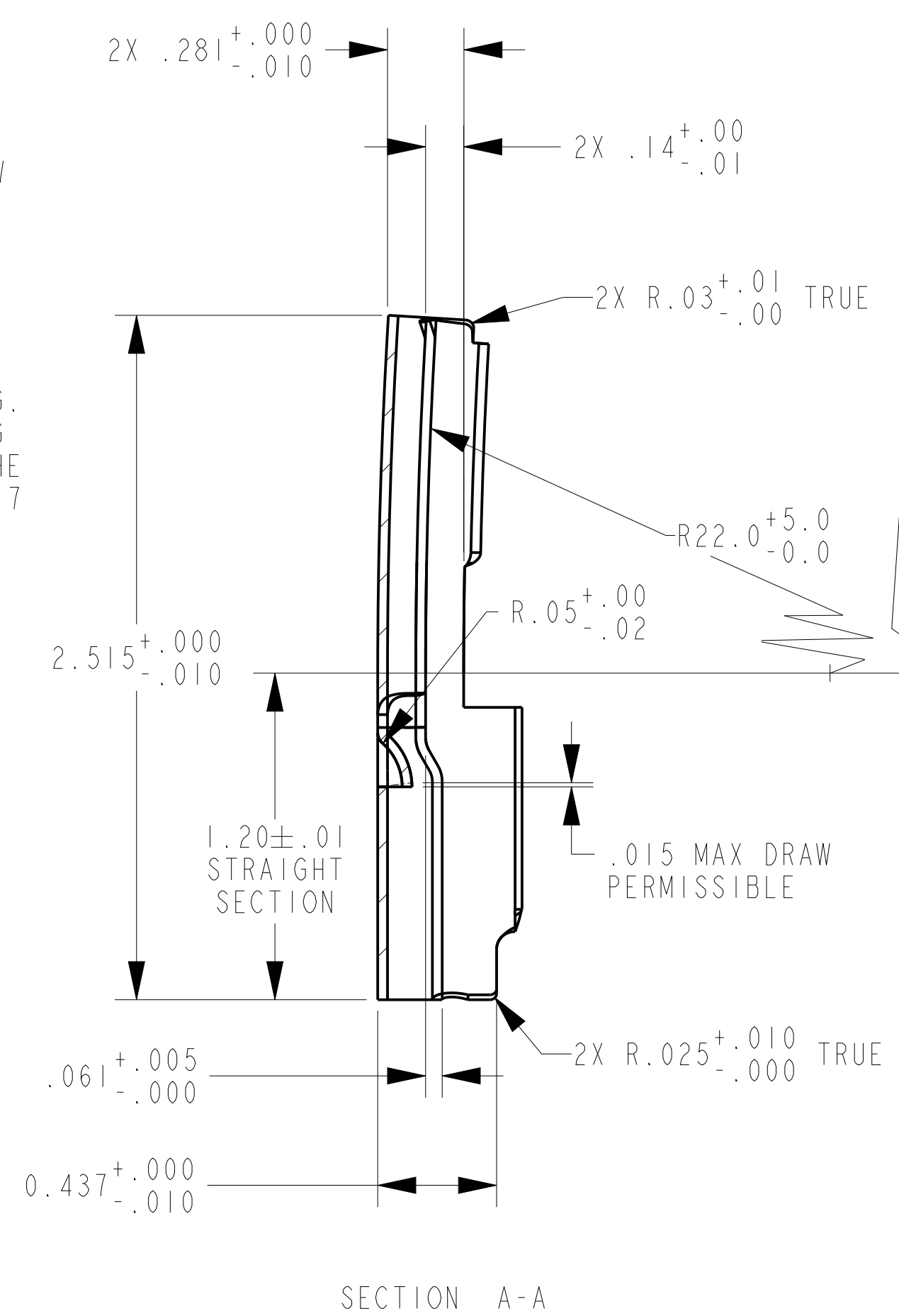
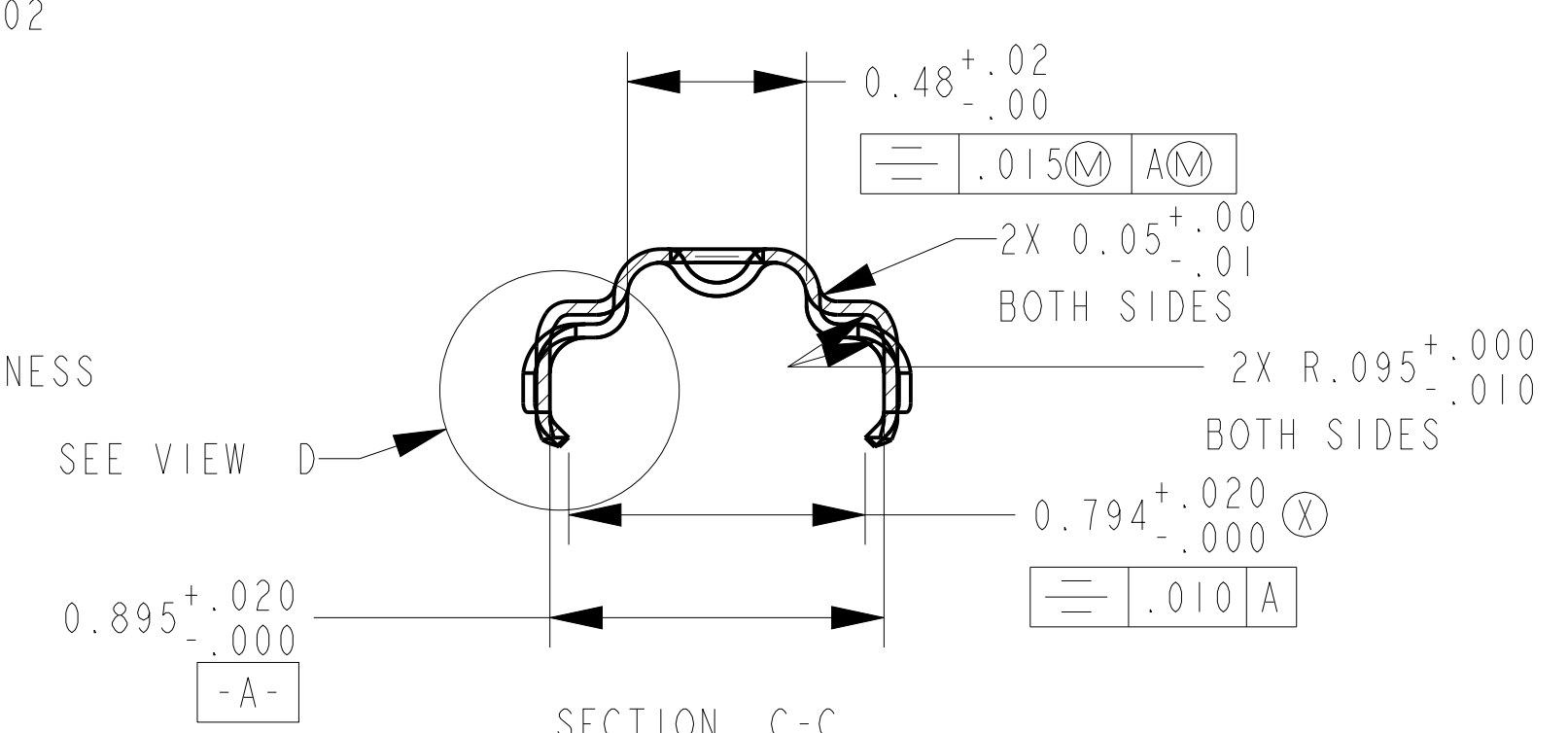
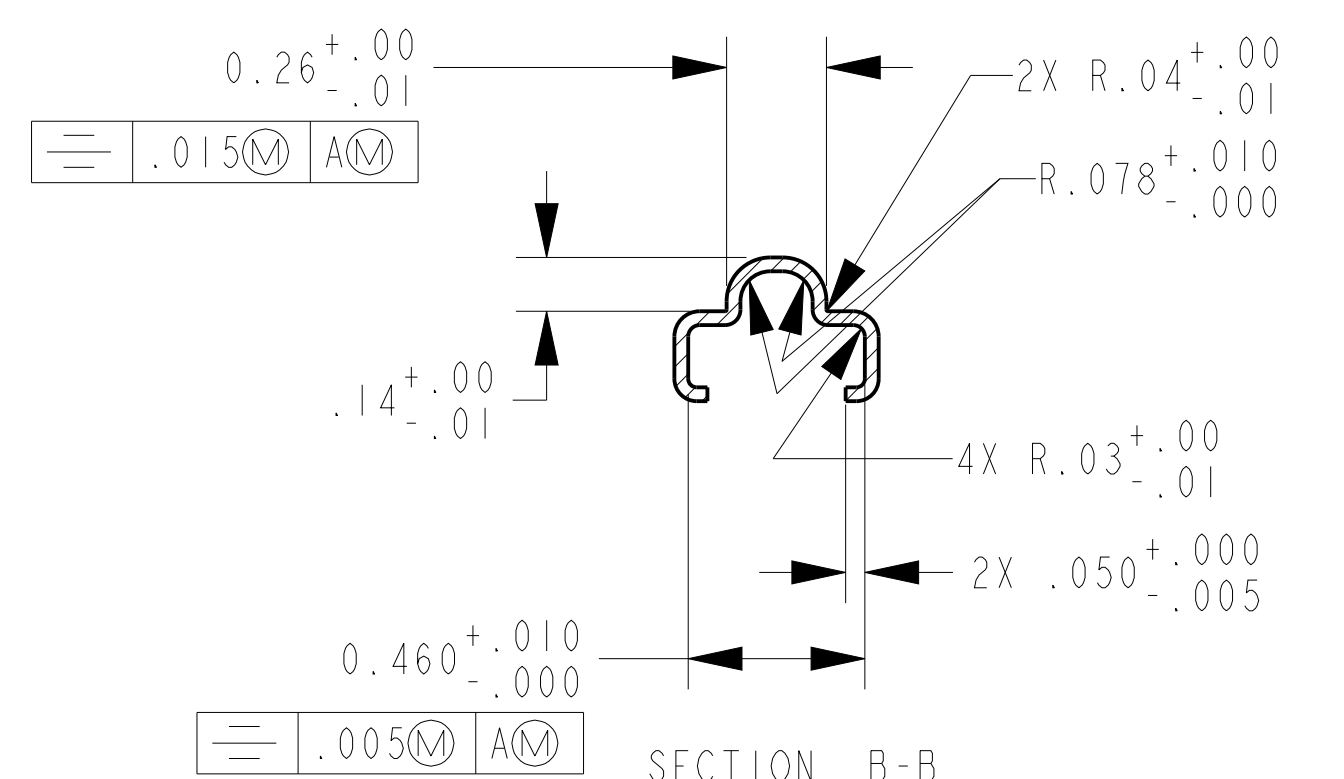
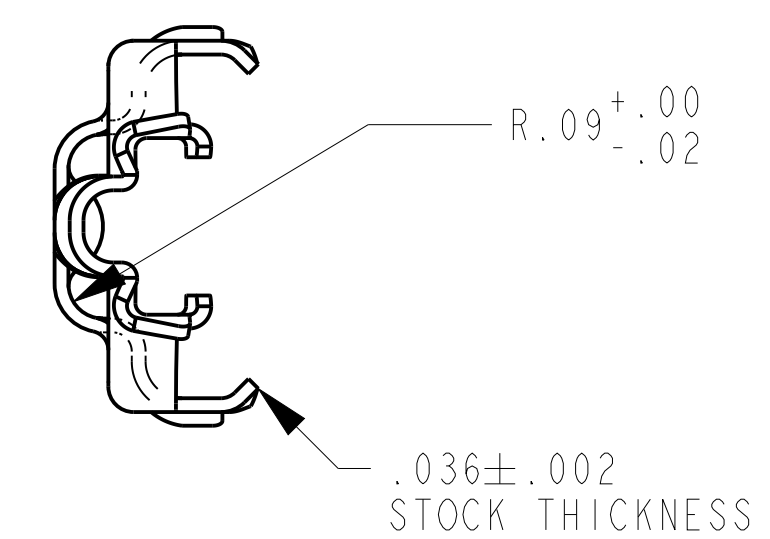
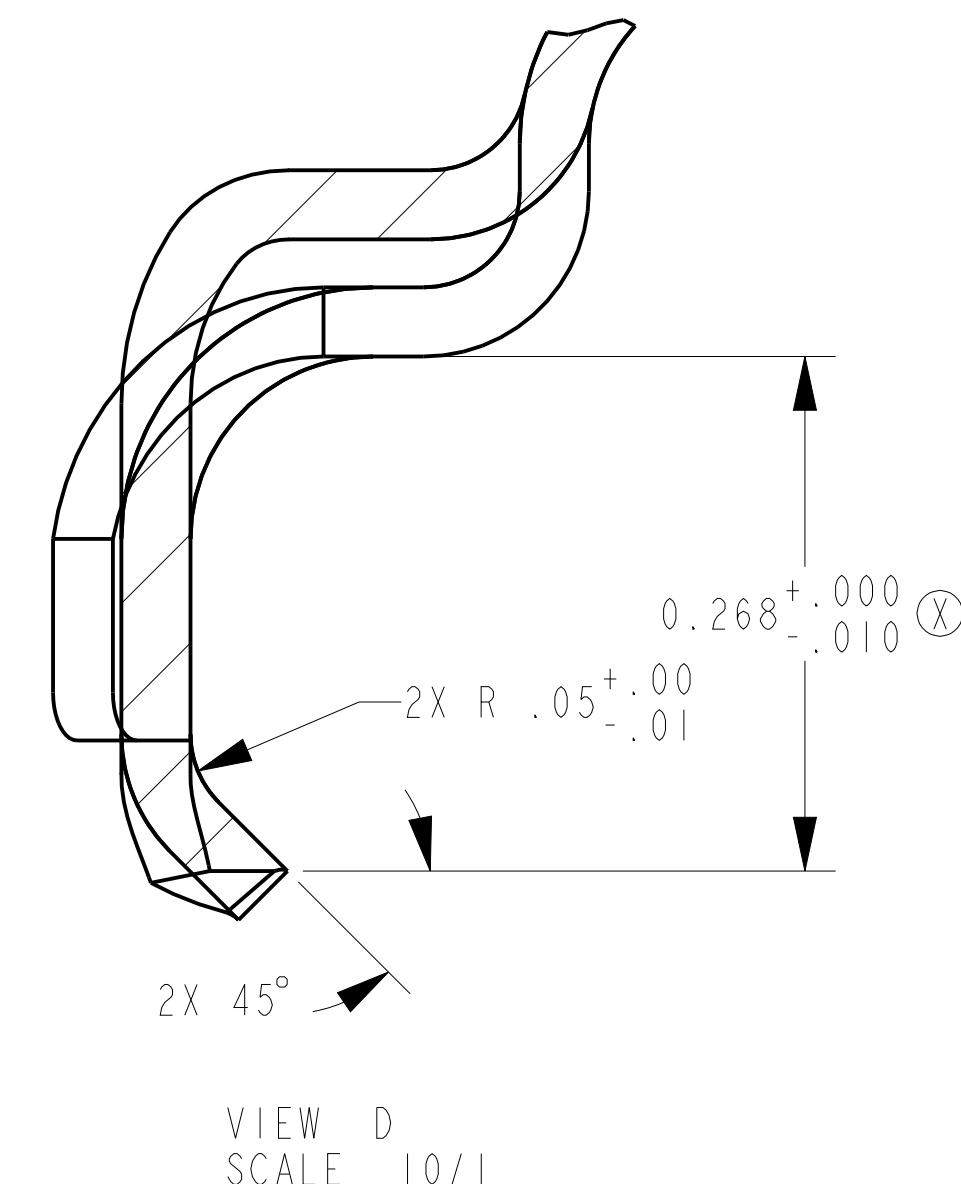
8. MIL-W-13855 APPLIES.

9. APPLY PART NO. PER MIL-STD-130.

10. ALTERNATE SUPPLEMENTARY FINISH: LAB-OIL 100W PER MIL-C-40084. SUPPLEMENTARY FINISH SHALL BE DRY TO THE TOUCH PRIOR TO COMING IN CONTACT WITH CARTRIDGES.

11. SALT SPRAY TESTING FOR SUPPLEMENTARY AND ALTERNATE SUPPLEMENTARY FINISH: TESTING OF MAGAZINE FILLERS SHALL REPLACE PANEL TESTING. MAGAZINE FILLERS SHALL BE SELECTED ACCORDING TO CONTRACT REQUIREMENTS AND SUBJECTED TO THE SALT SPRAY TEST AS SPECIFIED IN ASTM B117 PRIOR TO SUPPLEMENTARY FINISH. THE TIME OF TEST SHALL BE TWO HOURS IN ACCORDANCE WITH MIL-DTL-16232. ADDITIONALLY, MAGAZINE FILLERS SHALL BE SELECTED ACCORDING TO CONTRACT REQUIREMENTS AND SUBJECTED TO THE SALT SPRAY TEST AS SPECIFIED IN ASTM B117 AFTER APPLICATION OF SUPPLEMENTARY FINISH. TIME OF TEST SHALL BE SIX HOURS. NO MORE THAN THREE CORROSION DOTS, NONE OF WHICH EXCEEDS .040 INCHES IN DIAMETER, SHALL BE EVIDENT.

REVISIONS			
REVISION	DESCRIPTION	DATE (YEAR-MO-DA)	APPROVED
J	REDRAWN WITH CHANGE NOR R07S2073 / 2008-06-09	2008-06-16	BMG
K	NOR R08S2077 / 2009-06-26	2009-06-30	GJC
L	NOR R09S2024 / 2010-10-22	2010-11-04	BMG
M	NOR R11S2059 / 2012-03-21	2012-04-02	JTD
N	NOR R16S2045 / 2017-02-21	2017-03-07	RLV



CURRENT DESIGN ACTIVITY CAGE CODE 19200
 US ARMY
 ARMAMENT RESEARCH, DEVELOPMENT AND ENGINEERING CENTER
 PICATINNY ARSENAL, NEW JERSEY 07806-5000

THIS DRAWING WAS GENERATED FROM A SOLID MODEL AND IS CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.

PART NO. 11010484

DISTRIBUTION STATEMENT A.
 APPROVED FOR PUBLIC RELEASE;
 DISTRIBUTION IS UNLIMITED.

PMIC	M4A1	DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	CONTRACT NUMBER	DESIGN ACTIVITY
MECHANICAL PROPERTIES	M4	TOLERANCES ON ANGLES ± ° 2 PLACE DECIMALS ± 3 PLACE DECIMALS ±	CONTRACTOR	US ARMY SPRINGFIELD ARMORY SPRINGFIELD, MASSACHUSETTS
YP	M16A3	THIRD ANGLE PROJECTION	DRAWN BY	FILLER, MAGAZINE: 5.56MM, 10 ROUND
TS	M16A2		DATE (YEAR-MO-DA)	
EL2	M16A1		CHECKER	SIZE
RA	M16		ENGINEER	CAGE CODE
BH			ENGINEER	DWG NO.
RH				SCALE
	NEXT ASSY	USED ON	MATL ENGR	UNIT WT.
			MODELED BY	SHEET
	APPLICATION			1 OF 1