

NOTICE: RESTRICTED AS TO USE AND DISCLOSURE

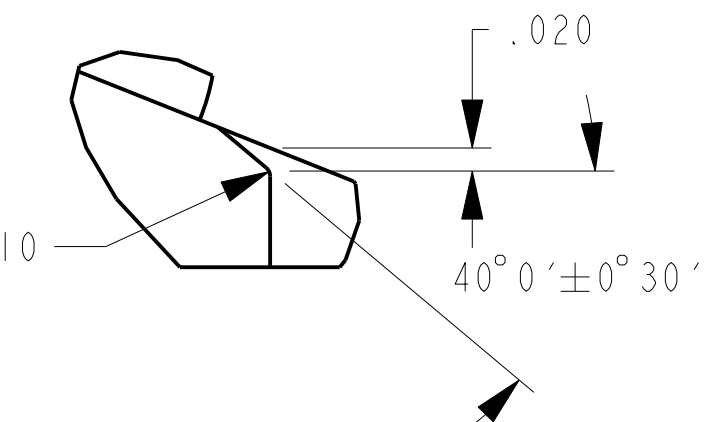
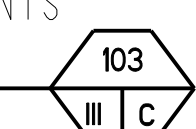
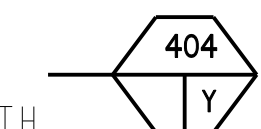
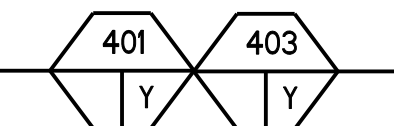
THIS ENTIRE DOCUMENT AND ALL INFORMATION IS PROPRIETARY TO COLT INC. AND SHALL NOT BE REPRODUCED, DUPLICATED OR COPIED IN WHOLE OR IN PART, DISCLOSED OR MADE AVAILABLE TO ANY OTHER PERSON, FIRM, OR CORPORATION OR OTHERWISE USED EXCEPT TO THE EXTENT NECESSARY FOR AND THEN ONLY IN CONNECTION WITH THE PREPARATION OR OTHERWISE USED EXCEPT TO THE EXTENT NECESSARY FOR AND THEN ONLY IN CONNECTION WITH THE PREPARATION CONNECTION WITH THE PREPARATION AND/OR SUBMISSION OF BIDS OR PROPOSALS RELATED TO A PROCUREMENT BEING EFFECTED BY THE UNITED STATES EITHER BY THE UNITED STATES GOVERNMENT OR UNDER CONTRACT WITH THE UNITED STATES GOVERNMENT. THIS DOCUMENT WILL BE DISPOSED OF IN ACCORDANCE WITH THE INSTRUCTIONS ISSUED BY THE RESPONSIBLE CONTRACTING OFFICER UPON COMPLETION OF THE PURPOSE FOR WHICH IT WAS ISSUED.

SPECIAL LICENSE RIGHTS THE GOVERNMENT'S RIGHTS TO USE, MODIFY, REPRODUCE, RELEASE, PERFORM, DISPLAY, OR DISCLOSE THESE DATA ARE RESTRICTED BY CONTRACT NO. DAAF03-67-C-108, LICENSE NO. DAAF03-67-C-108. ANY REPRODUCTION OF TECHNICAL DATA OR PORTIONS THEREOF MARKED WITH THIS LEGEND MUST ALSO REPRODUCE THE MARKINGS.

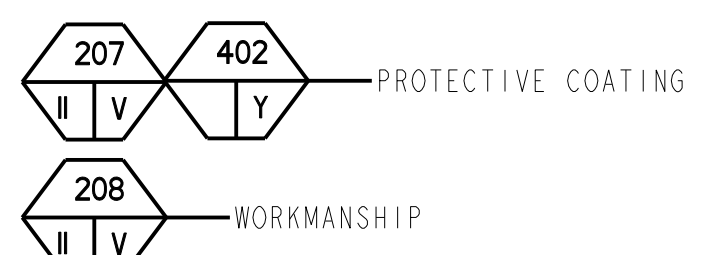
DUE TO GOVERNMENT GENERATED ENGINEERING CHANGES, THERE MAY BE DATA AND/OR TOLERANCES NOT PROPRIETARY TO COLT'S.

NOTES

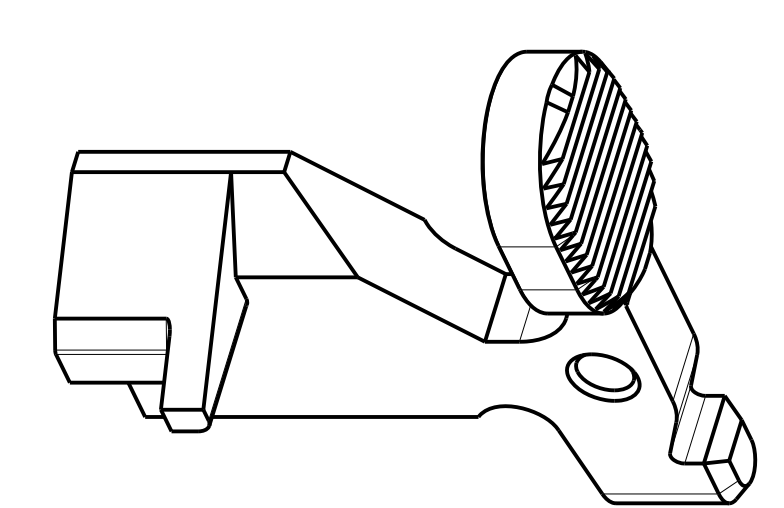
- APPLICABLE STANDARDS/SPECIFICATIONS:
  - MIL-W 13855
- MATERIAL: STEEL, INVESTMENT CASTING, CMPSN 1C8620, SPEC MIL-S-22141, EXCEPT THAT MANGANESE CONTENT SHALL BE .70% TO 1.20%, OR MIM-8620 PER 13011863.
- SURFACE FINISH SHALL BE 125 EXCEPT AS NOTED.
- EJECTOR PIN MARKS .010 NEGATIVE MAX.
- CARBURIZE TO PRODUCE A TOTAL CASE DEPTH OF .014 TO .018.
- BREAK SHARP EDGES .005 TO .015 UNLESS OTHERWISE SPECIFIED.
- CASTINGS SHALL BE INSPECTED PER AMS 2175 AND THEREBY SHALL BE DESIGNATED AS CLASS 3, GRADE A, EXCEPT THAT AREA C MAY BE DESIGNATED AS CLASS 2, GRADE C.
- QUALITY ASSURANCE PROVISION REQUIREMENTS PER DRAWING 12993884 APPLY.
- HARDNESS: ROCKWELL, 15N 89.5 - 91.0.
- FINAL PROTECTIVE FINISH: 5.3.1.2 OF MIL-STD-171.



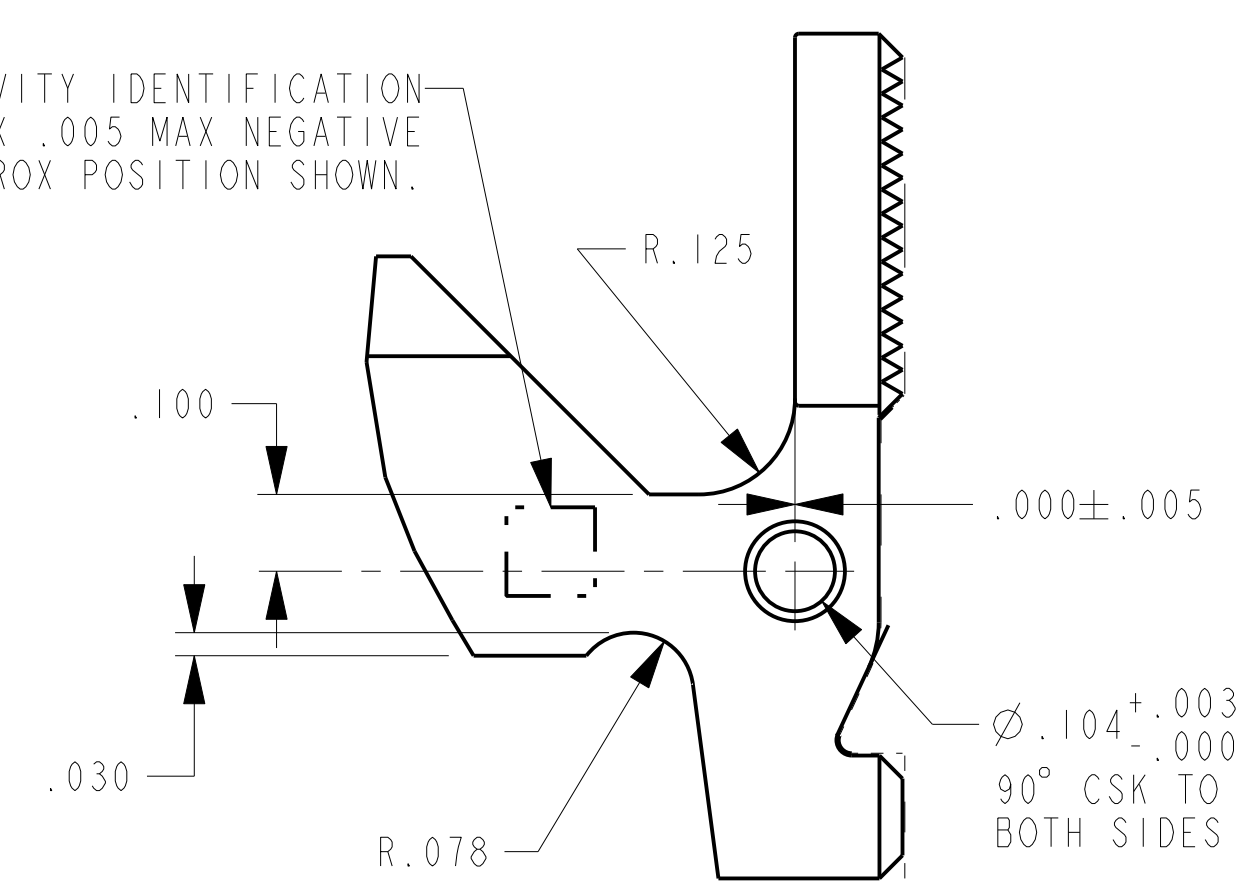
DETAIL A SCALE 6.000



MFG INDENT SYMBOL AND CAVITY IDENTIFICATION MARK .12 HIGH APPROX .005 MAX NEGATIVE ONLY IN APPROX POSITION SHOWN.



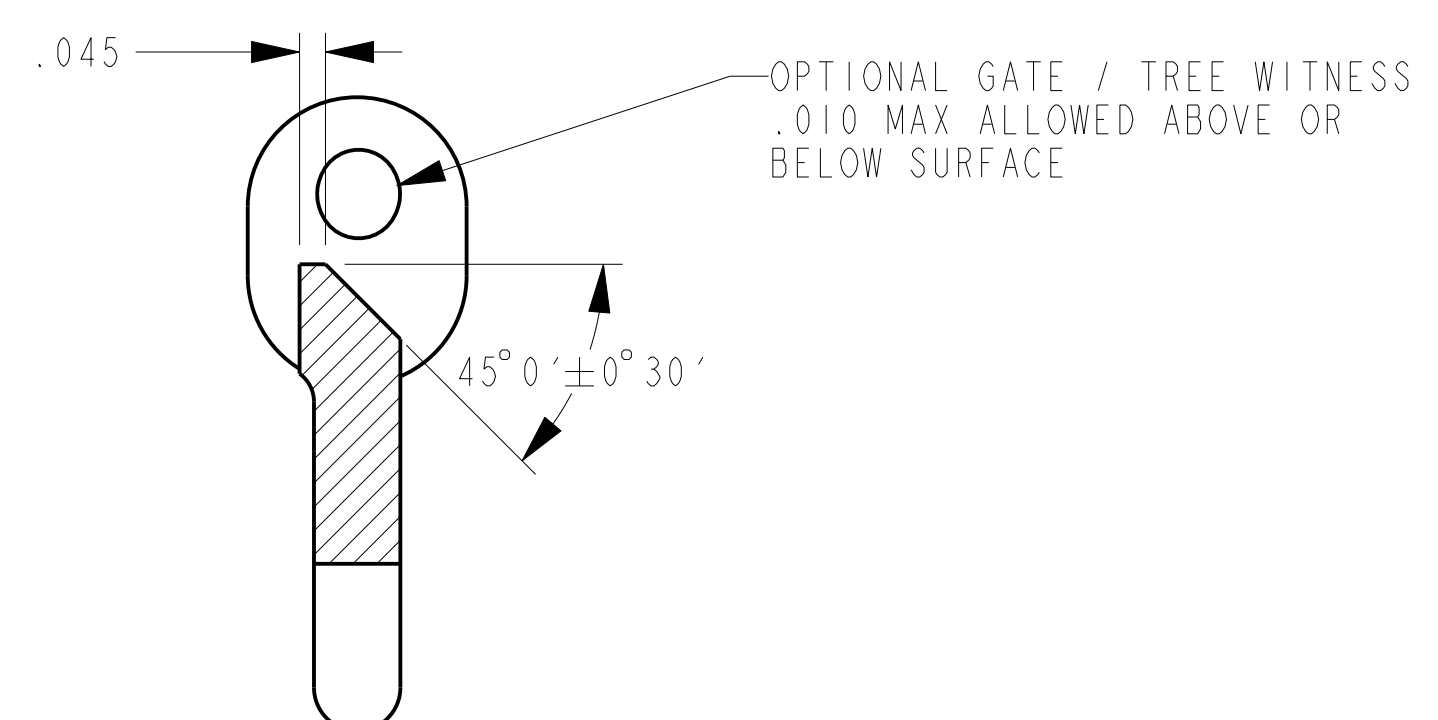
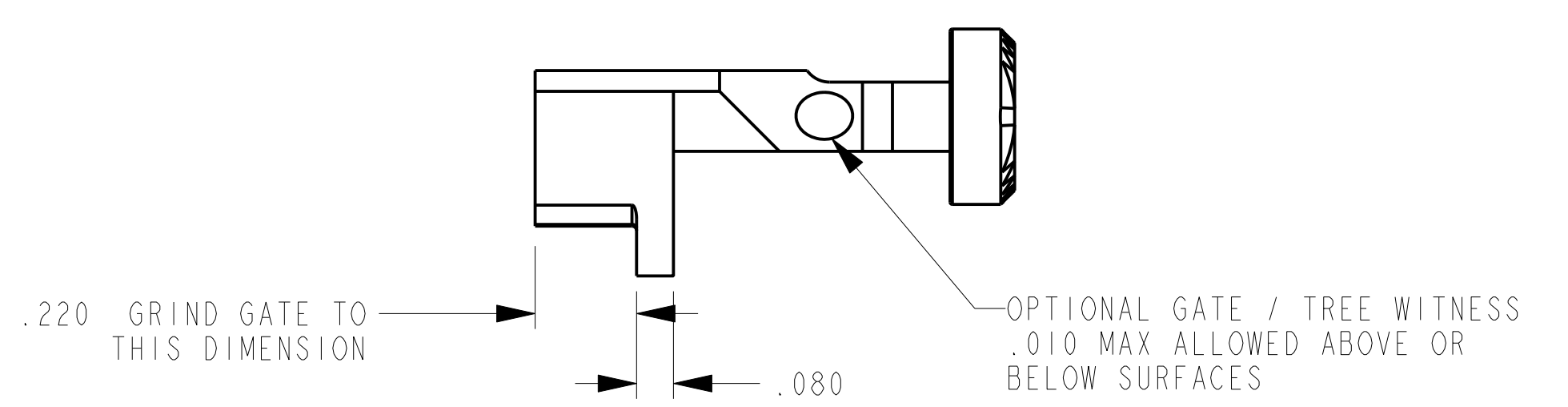
ISO VIEW SCALE 3.000



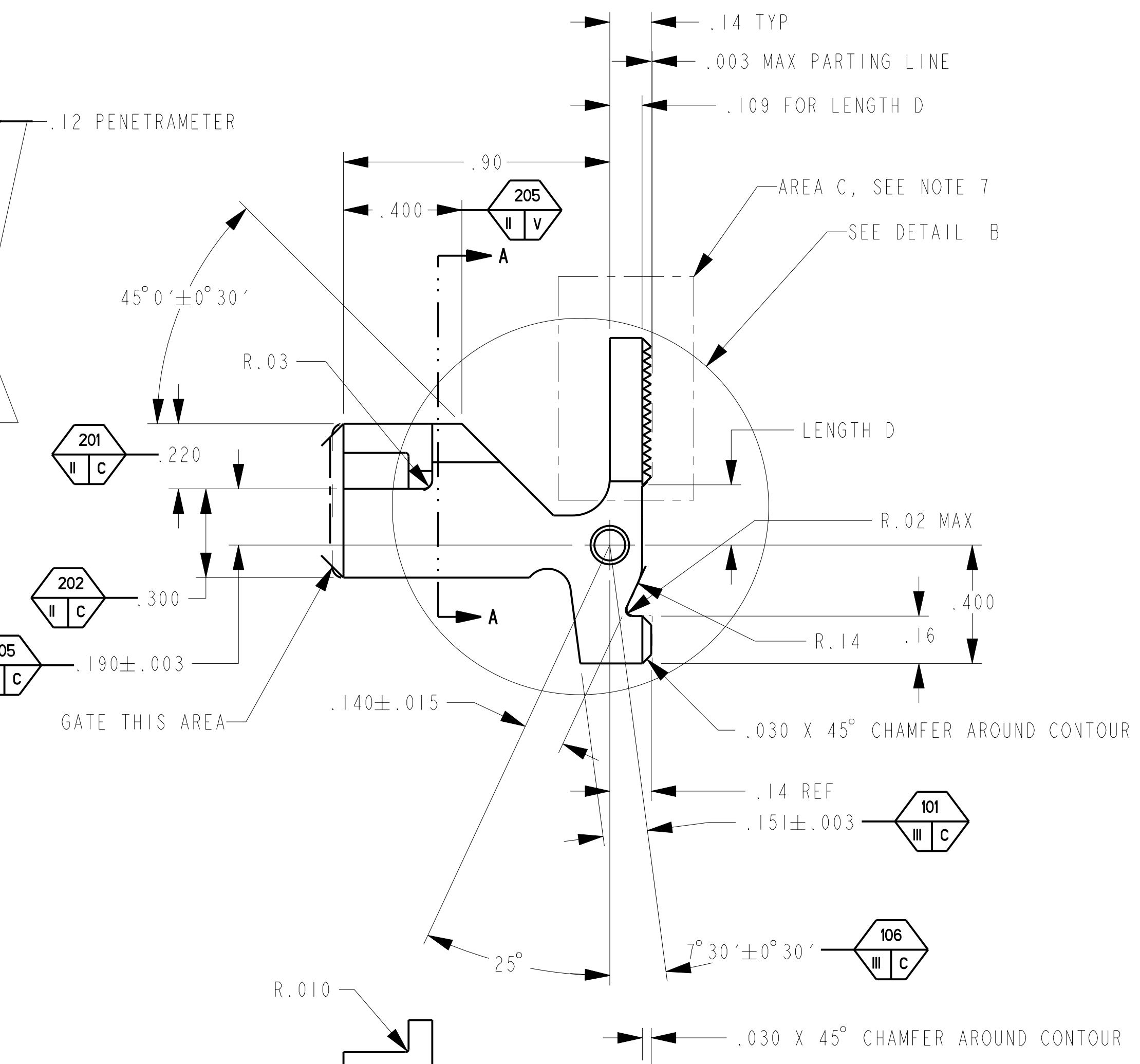
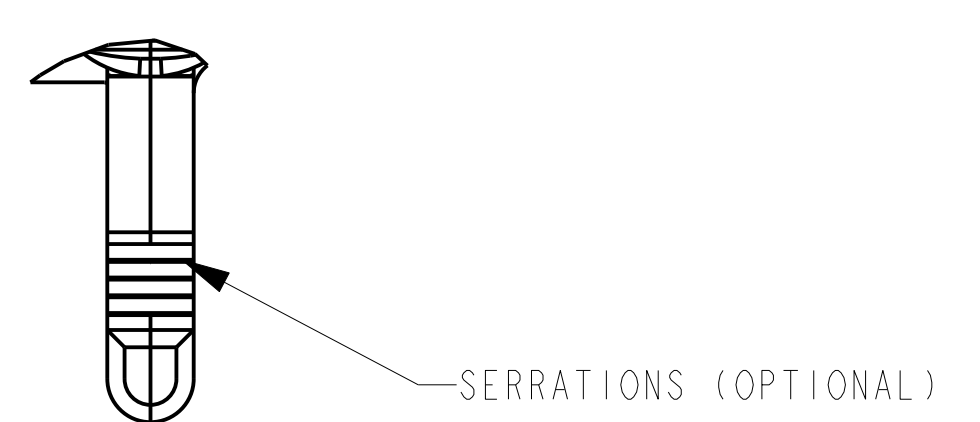
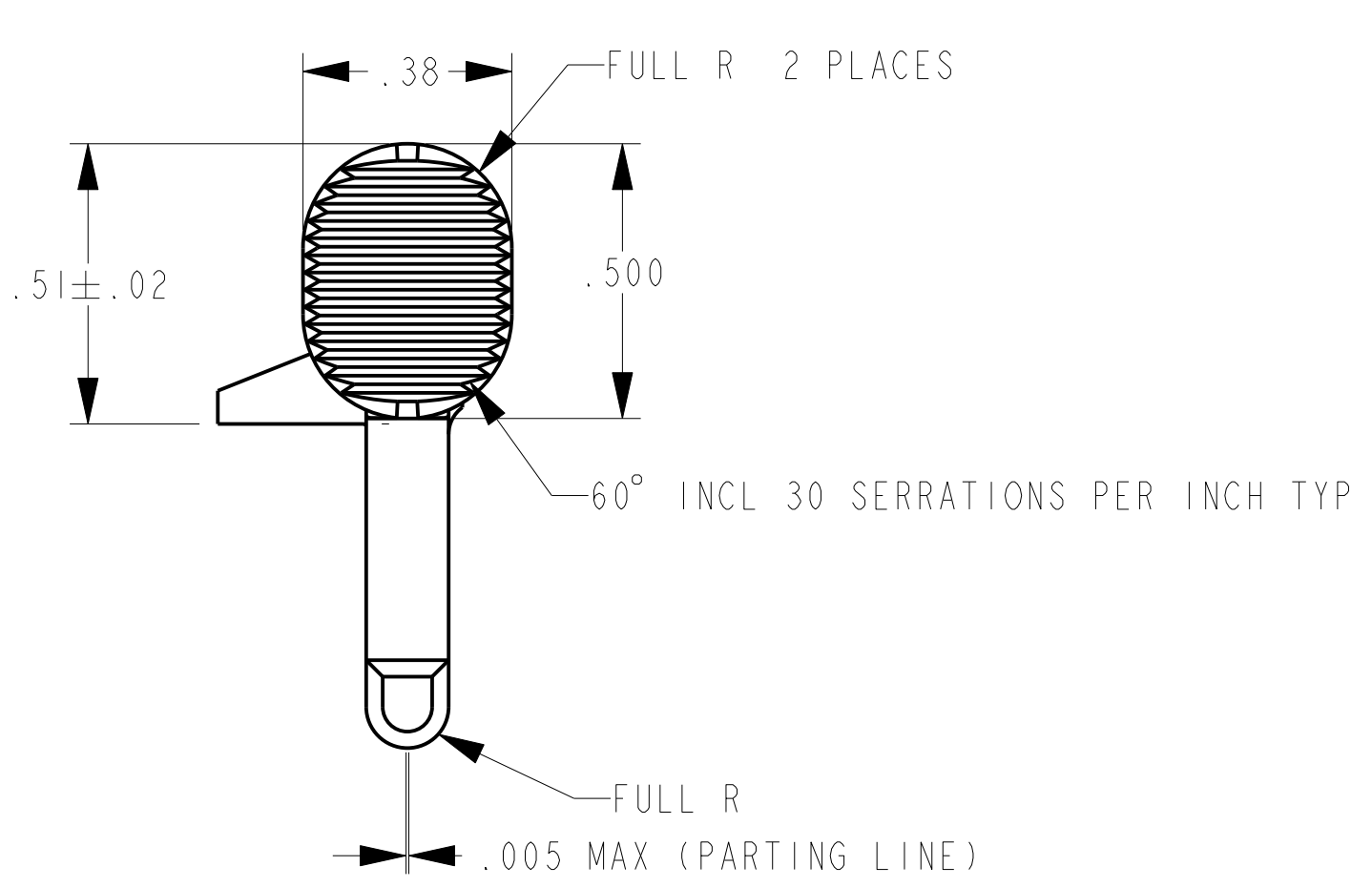
DETAIL B SCALE 4.000

DISTRIBUTION STATEMENT F: FURTHER DISTRIBUTION ONLY AS DIRECTED BY US ARMY; ARDEC, AMSTA-AR-CCL-F, ROCK ISLAND, IL; 1993-09-14.

REVISIONS				
MODEL REV	DRAWING REV	DESCRIPTION	DATE(YEAR-MO-DA)	APPROVED
N/A	D	NOR W2S0026 / 1982-05-21	1983-02-08	
N/A	E	NOR W5S2099 / 1985-11-21	1986-07-08	
N/A	F	NOR GIS3015 / 1991-02-25	1991-04-05	PF/SR
N/A	G	NOR GIS2018 / 1991-07-08	1991-10-11	RR/SR
N/A	H	NOR LIS2102 / 2001-08-23	2001-09-26	RLV
-	J	NOR L2S3042 / 2002-08-05	2002-09-26	JJW
A	K	NOR L3S3090 / 2003-03-14	2003-08-19	RSB/RJC
B	L	NOR L06S9051 / 2006-04-11	2006-07-19	BMG



SECTION A-A



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

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

PART NO. 8448628

PMIC	DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		CONTRACT NUMBER		DESIGN ACTIVITY	
	TOLERANCES ON ANGLES ± 1° 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005		CONTRACTOR		US ARMY ROCK ISLAND ARSENAL ROCK ISLAND, ILLINOIS	
MECHANICAL PROPERTIES	THIRD ANGLE PROJECTION		DRAWN BY		CATCH, BOLT	
	M4A1		B NICEWANNER		SIZE D	
YP	M4	DATE(YEAR-MO-DA)		CAGE CODE		
TS	M16A4	1970-04-27		19204		
EL2	F8448578	CHECKER		DWG NO.		
RA	F8448604	J. MACON-ESERV		8448628		
BH	9390011	ENGINEER		SCALE 3.000		
RH		L. KO		UNIT WT. 0.027		
	NEXT ASSY	ENGINEER		SHEET 1 OF 1		
	USED ON	J. WINDHAM				
		E. SESE				
		DRAWING APPROVAL				
		L. BRUNTON				
		2002-08-05				
		DESIGN APPROVAL				
		R. ELBE				
		2002-08-05				
APPLICATION		MATEL ENGR				
		MODELED BY				
		B NICEWANNER				