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 G1S3015 / 1991-02-25	1991-04-05	PF/SR
N/A	G	NOR G1S2018 / 1991-07-08	1991-10-11	RR/SR
N/A	H	NOR L1S2102 / 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

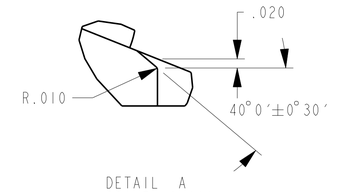
NOTES

1. APPLICABLE STANDARDS/SPECIFICATIONS:
   A. MIL-W 13855
2. MATERIAL: STEEL, INVESTMENT CASTING, CMPSN IC8620, SPEC MIL-S-22141, EXCEPT THAT MANGANESE CONTENT SHALL BE .70% TO 1.20%., OR MIM-8620 PER 13011863.
3. SURFACE FINISH SHALL BE 125 EXCEPT AS NOTED.
4. EJECTOR PIN MARKS .010 NEGATIVE MAX.
5. CARBURIZE TO PRODUCE A TOTAL CASE DEPTH OF .014 TO .018.
6. BREAK SHARP EDGES .005 TO .015 UNLESS OTHERWISE SPECIFIED.
7. 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.
8. QUALITY ASSURANCE PROVISION REQUIREMENTS PER DRAWING 12993884 APPLY.
9. HARDNESS: ROCKWELL, 15N 89.5 - 91.0.
10. FINAL PROTECTIVE FINISH: 5.3.1.2 OF MIL-STD-171.

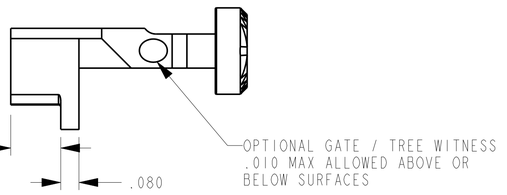
401 II Y / 403 II Y — CASTING INSPECTION

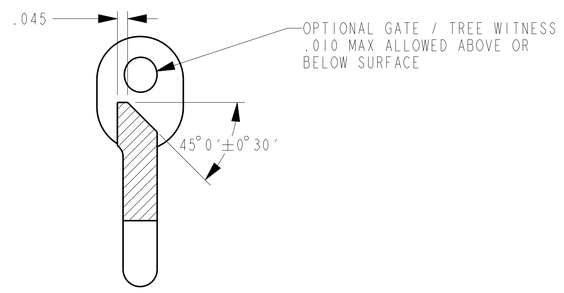
404 II Y

103 III C

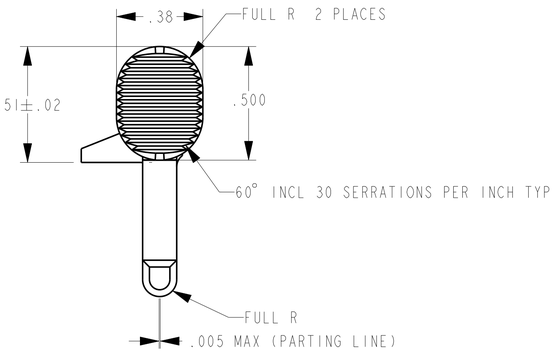


DETAIL A
SCALE 6.000



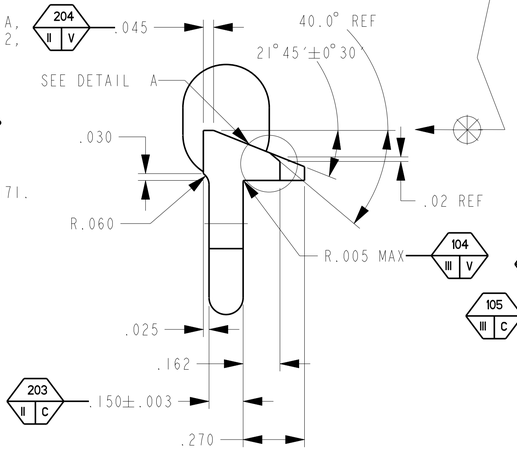


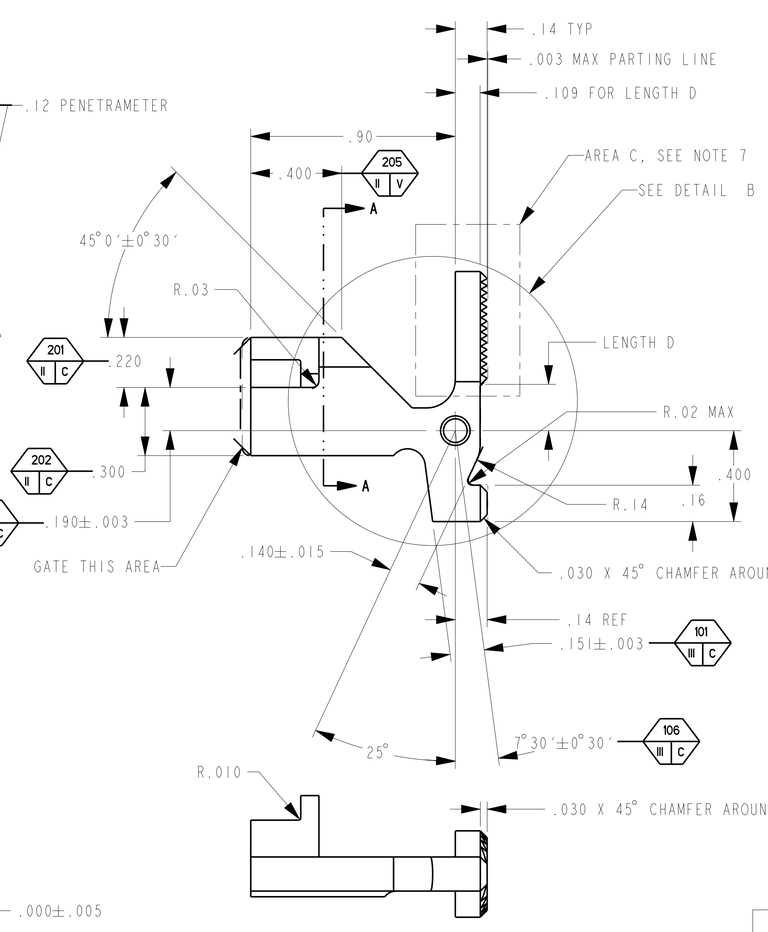
SECTION A-A



RADIOGRAPHIC INSPECTION 405 Y — .12 PENETRAMETER

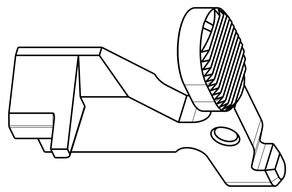
204 II V — .045





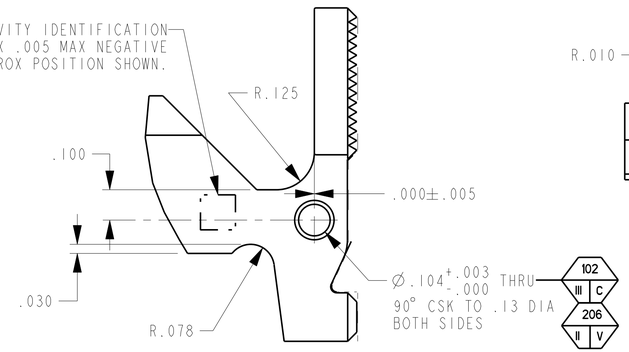
207 II V / 402 II Y — PROTECTIVE COATING

208 II V — WORKMANSHIP

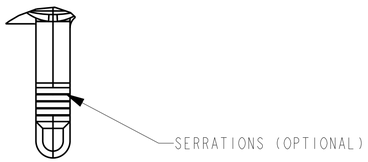


ISO VIEW
SCALE 3.000

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



DETAIL B
SCALE 4.000



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

PART NO. 8448628

PMIC				
MECHANICAL PROPERTIES				
YP			M4A1	
TS			M4	
EL2			M16A4	
RA		F8448578	M16A3	
BH		F8448604	M16A2	
		9390011	M16A1	
RH		NEXT ASSY	USED ON	
		APPLICATION		

DO NOT SCALE DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

TOLERANCES ON ANGLES ± 1°
2 PLACE DECIMALS ± .01
3 PLACE DECIMALS ± .005

THIRD ANGLE PROJECTION

MATL ENGR | MODELED BY: B NICEWANNER

CONTRACT NUMBER

CONTRACTOR

DRAWN BY: B NICEWANNER	DATE(YEAR-MO-DA): 1970-04-27
CHECKER: J. MACON-ESERV	ENGINEER: J. WINDHAM
ENGINEER: L. KO	QUALITY ENGINEER: E. SESE
DRAWING APPROVAL: L. BRUNTON	2002-08-05
DESIGN APPROVAL: R. ELBE	2002-08-05

DESIGN ACTIVITY
US ARMY
ROCK ISLAND ARSENAL
ROCK ISLAND, ILLINOIS

CATCH, BOLT

SIZE	CAGE CODE	DWG NO.
D	19204	8448628

SCALE 3.000 | UNIT WT. 0.027 | SHEET 1 OF 1

FORMAT: D_TACOM_ENG_1_0