DRAWING SIZE F

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REVISIONS

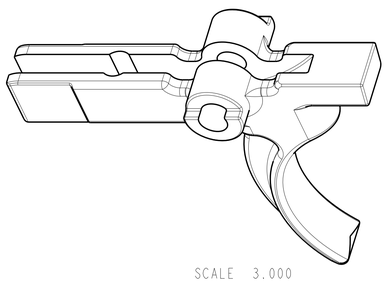
MODEL REV	DRAWING REV	DESCRIPTION	DATE(YEAR-MO-DA)	APPROVED
N/A	J	NOR W5S2099 / 1985-11-21	1986-07-08	
N/A	K	NOR G1S3050 / 1991-04-25	1991-05-28	
N/A	L	NOR G2S3031 / 1992-04-08	1992-05-07	CF
N/A	M	NOR L1S2102 / 2001-08-23	2001-09-26	RLV
-	N	NOR L2S3044 / 2002-08-28	2002-10-22	JJW
A	P	NOR L3S3161 / 2004-03-31	2004-08-13	RLV
B	R	NOR L0955048 / 2009-10-16	2009-10-29	AMW
C	T	NOR L1055098 / 2010-09-14	2010-10-20	GJC

NOTES

1. STEEL, INVESTMENT CASTING, CMPSN IC 8620, SPEC MIL-S-22141, EXCEPT THAT MANGANESE CONTENT SHALL BE .70 TO 1.20%. (401 Y)
2. ALL DIMENSIONS ARE BEFORE FINAL PROTECTIVE FINISH EXCEPT THOSE INDENTIFIED IBY NOTE 9.
3. FILLET, EDGE AND CORNER RADII .031, UNLESS OTHERWISE SPECIFIED.
4. EJECTOR PIN MARK .005 NEGATIVE ONLY.
5. CASTING SHALL MEET FOUNDARY PRACTICE CLASS 3, GRADE A OF AMS-STD-2175 ; CLASS 3, GRADE D PERMISSIBLE IN AREA -C-. (404 Y)
6. CARBURIZE TP PRODUCE A TOTAL CASE DEPTH OF .014 TO .018 , HARDEN TO TEMPER (402 Y)
7. .007 MIN CASE DEPTH REQUIRED IF SURFACE IS MACHINED AFTER HEAT TREATMENT.
8. .005 MIN CASE DEPTH REQUIRED IF SURFACE IS MACHINED AFTER HEAT TREATMENT.
9. NO FINAL PROTECTIVE FINISH IN THIS AREA. COAT WITH LUBRICATING OIL PER MIL-L-3150. (405 Y)
10. FINISH 125/ EXCEPT AS NOTED.
11. BREAK ALL EDGES PRODUCED BY MACHINING .010 MAX, UNLESS OTHERWISE SPECIFIED.
12. MIL-W-13855 APPLIES.
13. FINAL PROTECTIVE FINISH: 5.3.1.2 OF MIL-STD-171. (403 Y, 114 III C)
14. ROCKWELL HARDNESS 15N 89.5-91.
15. QUALITY ASSURANCE PROVISION REQUIREMENTS PER DRAWING 12993884 APPLY.

.25 PENETRAMETER SEE NOTE 5

216 II V WORKMANSHIP
505 Z
215 II V PROTECTIVE COATING



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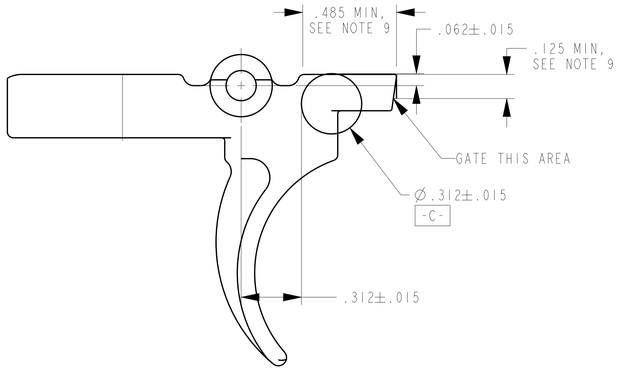
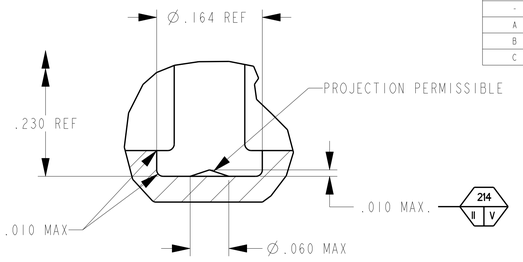


SECTION F-F



DETAIL C
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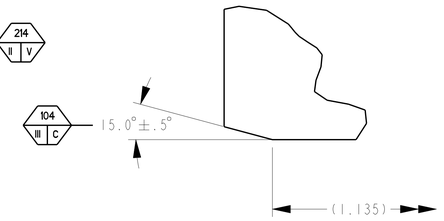

VIEW D
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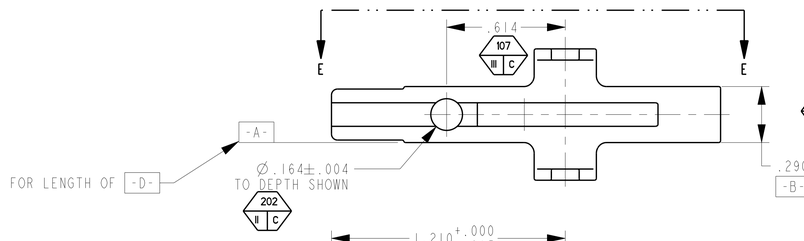
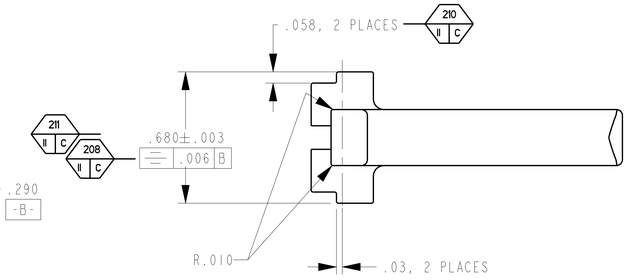
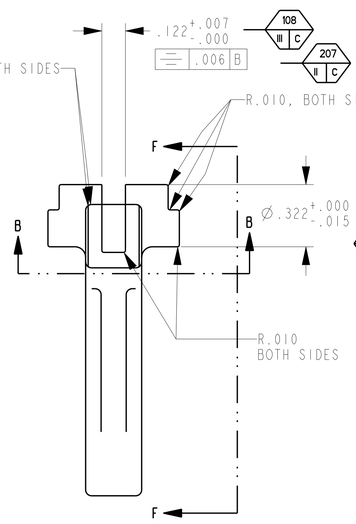
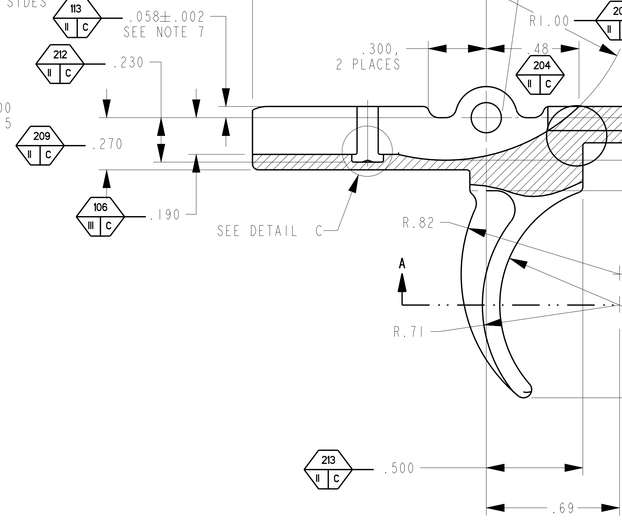
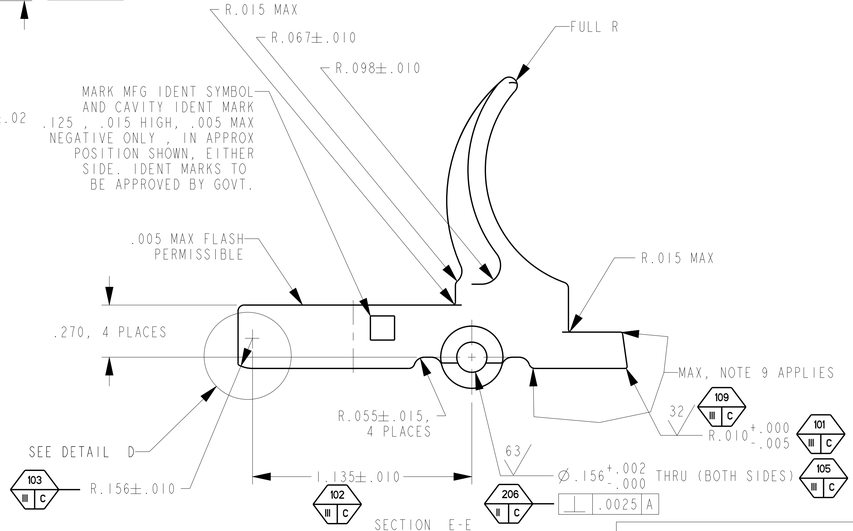
ALTERNATE DESIGN











SECTION E-E

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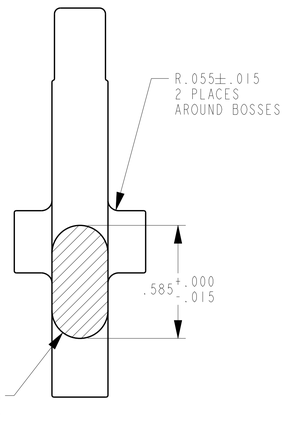

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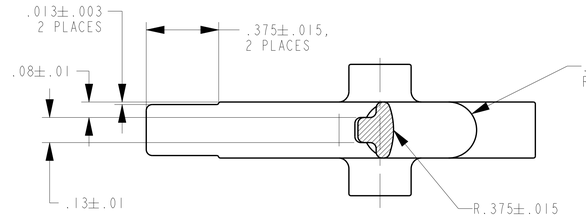

SECTION A-A

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PART NO. 8448592

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MECHANICAL PROPERTIES		TOLERANCES ON ANGLES ± ° 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005	DRAWN BY: J. MACON-ESERV (DATE: 1970-04-27)	TRIGGER
YP		THIRD ANGLE PROJECTION	CHECKER: J. MACON-ESERV; ENGINEER: J. WINDHAM	
TS			ENGINEER: L. KO; QUALITY ENGINEER: E. SESE	
EL2		M16A3	DRAWING APPROVAL: L. BRUNTON 2002-08-28	SIZE: F; CAGE CODE: 19204; DWG NO.: 8448592
RA		B8448591 M16A1	DESIGN APPROVAL: R. ELBE 2002-08-28	SCALE: 2/1; UNIT WT.: 0.060; SHEET: 1 OF 1
BH		NEXT ASSY / USED ON	MATL ENGR / MODELED BY: J. MACON-ESERV	
RH		APPLICATION		

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