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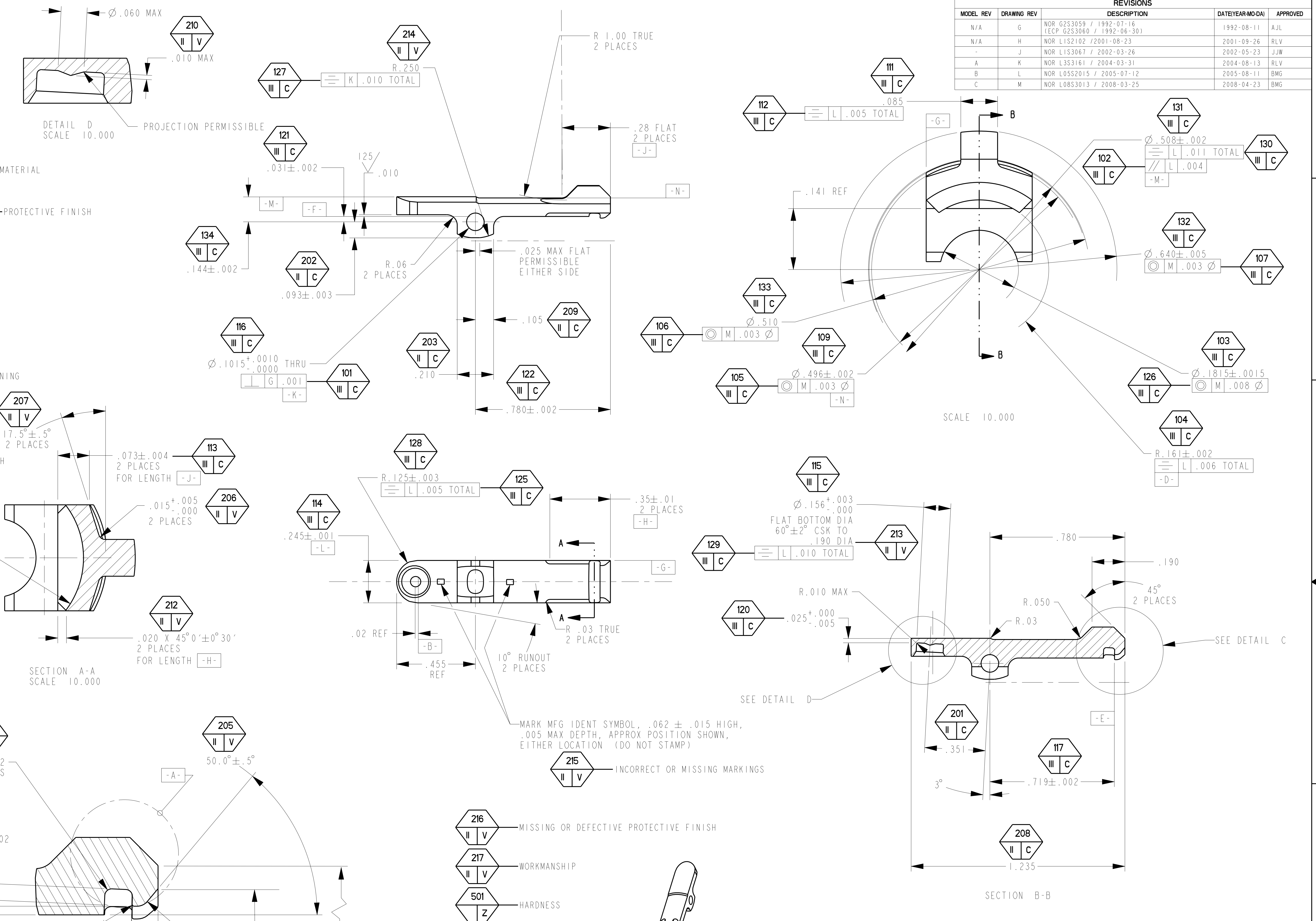
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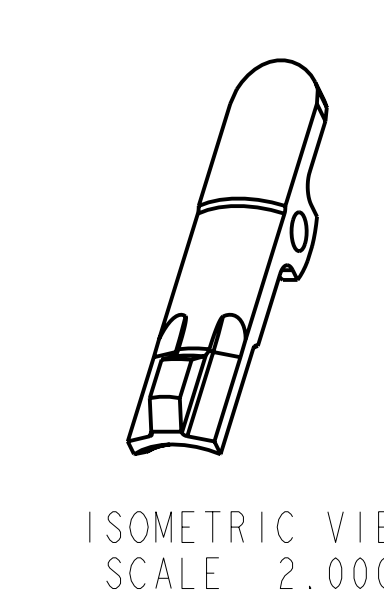
DUE TO GOVERNMENT GENERATED ENGINEERING CHANGES, THERE MAY BE DATA AND/OR TOLERANCES NOT PROPRIETARY TO COLT'S.

- NOTES
- 1. MIL-W-13855 APPLIES.
  - 2. MATERIAL: STEEL, AISI 4140 OR 4340, GUN QUALITY, ANNEALED, COLD DRAWN AND STRESS RELIEVED. BHN 187/229.
  - 3. PROTECTIVE FINISH: FINISH 5.3.1.2 OF MIL-STD-171.
  - 4. AUSTEMPER SUGGESTED PROCEDURE: HEAT TO 1550° F IN NEUTRAL SALT BATH. TRANSFER TO 680° F SALT BATH. HOLD 20 TO 25 MINUTES. AIR COOL. HARDNESS: ROCKWELL C 42 TO 44 OR EQUIVALENT.
  - 5. BREAK EDGES .005+.010 .000 EXCEPT AS NOTED.
  - 6. START OF 10° RUNOUT SHALL BE LOCATED BY R.125 (LOCATED ON -B-) INTERSECTION WITH SURFACE -L-.
  - 7. SHOT PEEN AREA -A- AFTER HEAT TREATMENT WITH S70 SHOT .006 TO .008A INTENSITY IN ACCORDANCE WITH AMS 2430. SCATTER PEENING ACCEPTABLE FOR REMAINDER OF PART.
  - 8. QUALITY ASSURANCE PROVISIONS REQUIREMENTS PER DRAWING NUMBER 12993884 APPLY.
  - 9. SURFACE FINISH: 63 EXCEPT AS NOTED.

MODEL REV	DRAWING REV	DESCRIPTION	DATE(YEAR-MO-DA)	APPROVED
N/A	G	NOR G253059 / 1992-07-16 IECP G253060 / 1992-06-30	1992-08-11	AJL
N/A	H	NOR LIS2102 / 2001-08-23	2001-09-26	RLV
-	J	NOR LIS3067 / 2002-03-26	2002-05-23	JJW
A	K	NOR L353161 / 2004-03-31	2004-08-13	RLV
B	L	NOR L0552015 / 2005-07-12	2005-08-11	BMG
C	M	NOR L0853013 / 2008-03-25	2008-04-23	BMG



- 216 II V MISSING OR DEFECTIVE PROTECTIVE FINISH
- 217 II V WORKMANSHIP
- 501 Z HARDNESS
- 502 Z SALT SPRAY TEST
- 503 Z COATING WEIGHT
- 504 Z SUPPLEMENTARY OIL TREATMENT, SALT SPRAY TEST



CURRENT DESIGN ACTIVITY CAGE CODE 19204  
 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. 8448512**

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PMIC	M231	DO NOT SCALE DRAWING	CONTRACT NUMBER	DESIGN ACTIVITY
MECHANICAL PROPERTIES	M4A1	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	CONTRACTOR	US ARMY ROCK ISLAND ARSENAL ROCK ISLAND, ILLINOIS
YP	M4	TOLERANCES ON ANGLES ± 1° 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005	DRAWN BY G. STRAHL	EXTRACTOR
TS	M16A4	THIRD ANGLE PROJECTION	DATE (YEAR-MO-DA) 1970-04-23	
EL2	12972691 M16A3		CHECKER J. WINDHAM	
RA	9327073 M16A2		ENGINEER L. CICHUCKI	
BH	8448509 M16A1	NEXT ASSY USED ON	ENGINEER QUALITY ENGINEER	DRAWING APPROVAL L. BRUNTON 2002-03-21
RH		MATL ENGR MODELED BY	DESIGN APPROVAL R. ELBE 2002-03-21	SCALE 4.000 UNIT WT. 0.00851 SHEET 1 OF 1