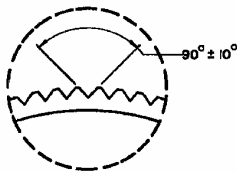
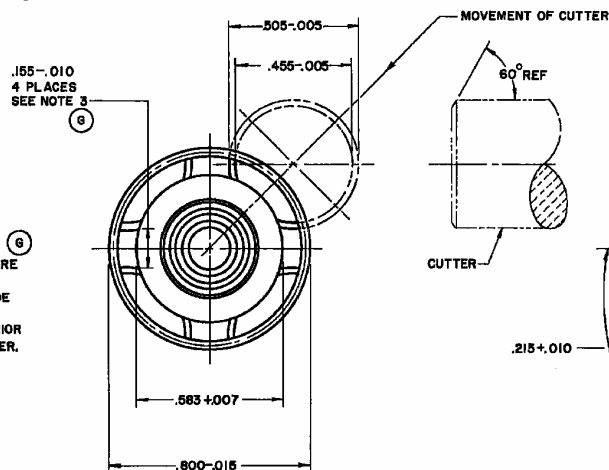
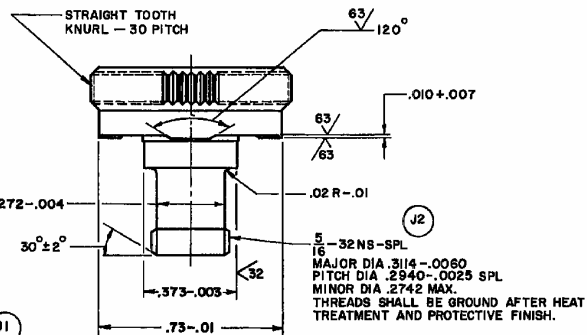


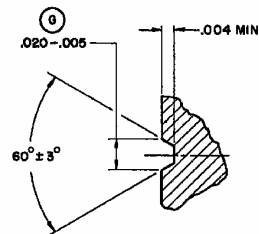
NOTES: WHEN CONFORMING TO SPECIFICATIONS, OR OTHER DATA ARE USED, THE USER SHALL BE RESPONSIBLE FOR THE PROPER USE OF THE DATA. THE USER SHALL BE RESPONSIBLE FOR THE PROPER USE OF THE DATA. THE USER SHALL BE RESPONSIBLE FOR THE PROPER USE OF THE DATA.

NOTES:

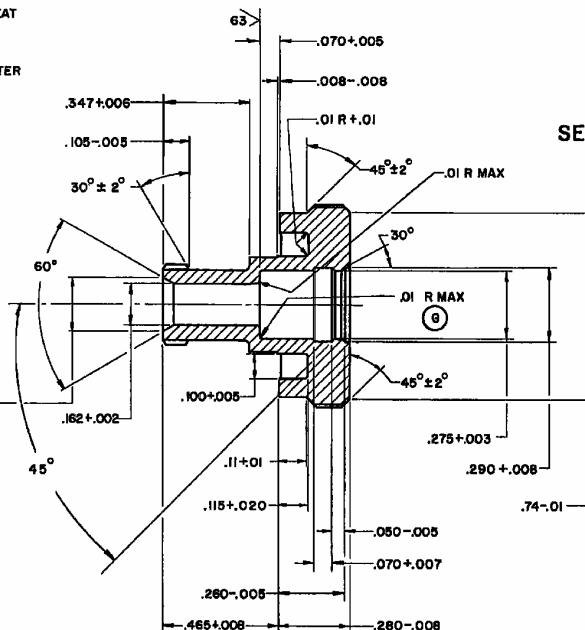
1. FINISH 125 EXCEPT AS NOTED.
2. ALL EDGES AND CORNERS SHALL BE BROKEN .005 R MAX. AND FREE OF BURRS, UNLESS OTHERWISE SPECIFIED.
3. IT IS PERMISSIBLE TO HAVE THIS DIMENSION .155-.025 ON ANY TWO OF THE WIDTHS.
4. MATERIAL: STEEL, CARBON, GRADE 1022 1117, ASTM A108, AUSTENITIC GRAIN SIZE 5 OR FINER. FED TEST METHOD STD NO 151, METHOD 311.1 PROCEDURE A.
5. HEAT TREATMENT: CARBURIZE AT 1550° TO 1600° F. FROM .008 TO .010 DEPTH. OIL QUENCH. TEMPER 20 MIN AT 350° F. (SEE NOTE 8)
6. HARDNESS: FILE HARD OR SUPERFICIAL ROCKWELL 15 N 90 MINIMUM.
7. CASE DEPTH SHALL BE MEASURED ON TEST PIECES HEAT TREATED AT THE SAME TIME AND SHALL BE MEASURED BY THE DEPTH OF THE FRACTURED CASE. CORE HARDNESS SHALL BE ROCKWELL A61-73 TAKEN ON THE TEST PIECES USED FOR CASE DEPTH MEASUREMENT AFTER GRINDING OFF A MINIMUM OF .010 TO REMOVE ALL OF THE CASE.
8. HEAT TREATMENT METHOD (SEE NOTE 5) IS FOR GUIDANCE EXCEPT THAT CASE DEPTH AND HARDNESS REQUIREMENTS ARE MANDATORY AND TIME AT TEMPERATURE SHALL NOT BE REDUCED BELOW THAT SPECIFIED. THE USE OF STRAIGHT CYANIDE BATH OR CARBO-NITRIDING PROCESS SHALL NOT BE PERMITTED WITHOUT PRIOR APPROVAL OF THE CONTRACTING OFFICER.
9. MIL-W-13855 APPLIES.



DETAIL B
SCALE 10/1

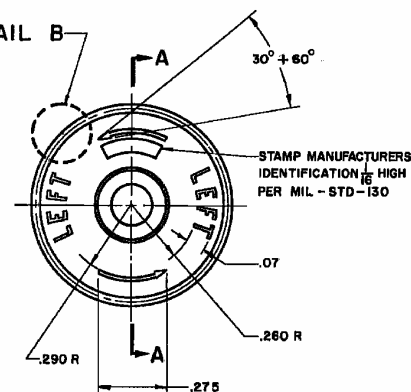


VIEW OF LETTERS
AND ARROWS
SCALE 50/1



SECTION A-A

SEE DETAIL B



D7312735

ORIGINAL DESIGN ACTIVITY FSCM NO. 19205

CURRENT DESIGN ACTIVITY FSCM NO. 19200
U.S. ARMY ARMAMENT RESEARCH AND DEVELOPMENT CENTER
DOVER, NEW JERSEY 07801

PART NO. 7312735

| | | | | | |
|-------------------|----------|--|--------------------------|------------------------------------|-----------|
| PHYSICAL PROPERTY | | TOLERANCES ON DIMENSIONS: DIMENSIONS IN PARENTHESES ARE TYPICAL | | ORIGINAL DATE OF DRAWING: 9 DEC 44 | |
| JP | D7312737 | RIFLE, M14 | SEE NOTE 4 | CHECKED BY: [Signature] | REVISIONS |
| DL | | SCRM/MC/MC/MC | HEAT TREATMENT | SEE NOTE 5 & 6 | |
| ML | | | APPROVED BY: [Signature] | DATE: 17 SEP 47 | |
| MR | | | DO NOT APPLY PART NO. | | |
| NR | | | FINAL PROTECTIVE FINISH | FINISH NO. 8.318 OF MIL-STD-171 | |
| PR | | | | | |
| SR | | | | | |
| TR | | | | | |
| UR | | | | | |
| VR | | | | | |
| WR | | | | | |
| XR | | | | | |
| YR | | | | | |
| ZR | | | | | |

KNOB, WINDAGE,
REAR SIGHT

DEPT OF THE ARMY
ARMAMENT RESEARCH AND DEVELOPMENT CENTER
DOVER, NEW JERSEY 07801
7312735

SCALE 4/1 UNIT WT .05

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