

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, CMPSN1022 ASTM A108
OR QQ-S-631, CMPSN1117 SPEC QQ-S-637, AUS
GRAIN SIZE 5 OR FINER

5. HEAT TREATMENT: CARBURIZE AT 1550° TO 1600° F. FROM .008 TO .010 DEPTH. OIL QUENCH. TEMPER 20 MINUTES AT 350° F.

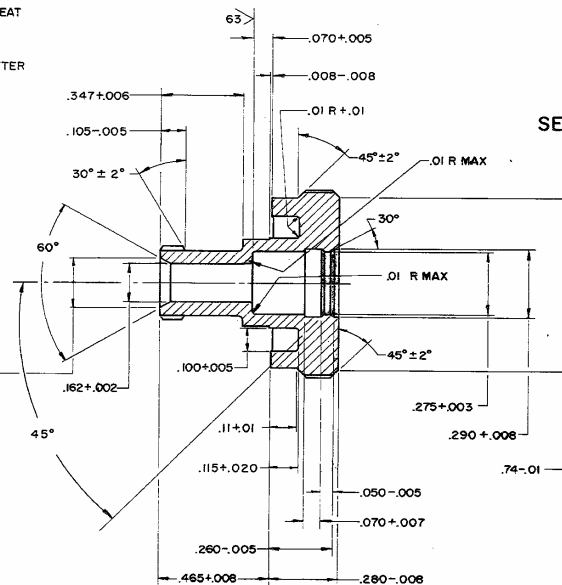
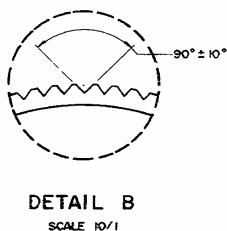
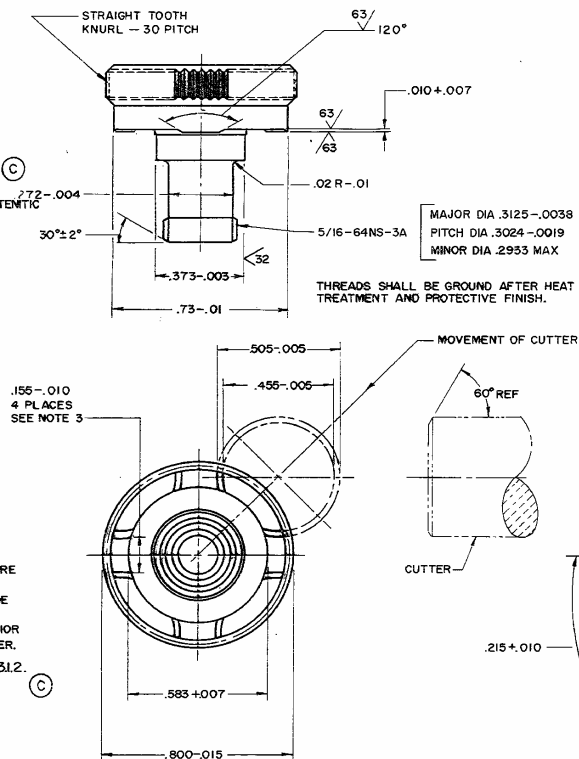
6. HARDNESS: FILE HARD OR SUPERFICIAL ROCKWELL 15 N 90 MINIMUM ON A PROPERLY PREPARED SURFACE.

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.

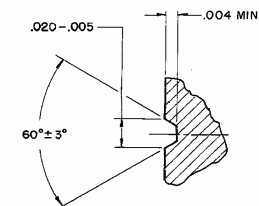
8. HEAT TREATMENT METHOD (SEE NOTE 5)
IS FOR GUIDANCE EXCEPT THAT CASE
DEPTH AND HARDNESS REQUIREMENTS
ARE MANDATORY AND TIME AT TEMPERATURE
SHALL NOT BE REDUCED BELOW THAT
SPECIFIED. THE USE OF STRAIGHT CYANIDE
BATH OR CARBO-NITRIDING PROCESS
SHALL NOT BE PERMITTED WITHOUT PRIOR
APPROVAL OF THE CONTRACTING OFFICER.

9. FINAL PROTECTIVE FINISH: FINISH 5.3.1.2.
OF MIL-STD-171.

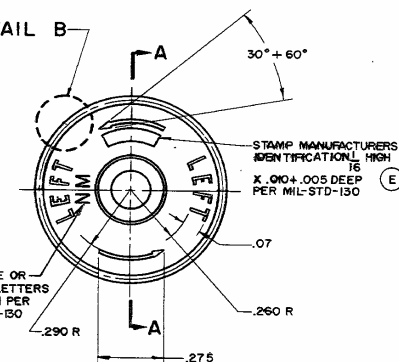
10. MIL-W-13855 SHALL APPLY.



SECTION A-A



VIEW OF LETTERS
AND ARROWS



0 7790358

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

ORIGINAL FSCM NO.19205

~~CODE IDENT NO 49204~~

PART NO. 7790358

PHYSICAL PROPERTIES		TOLERANCES ON DIMENSIONS ARE AS SHOWN		ORIGINAL DATE OF DRAWING	
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18		TOLERANCES ON DIMENSIONS ARE AS SHOWN		PROF. DATE	
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KNOB, WINDAGE,
REAR SIGHT

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