

- NOTES:
1. FINISH 250 EXCEPT AS NOTED.
2. MATERIAL:
A FOR WROUGHT MATERIAL:
STEEL, ASTM A108, 1021
B FOR PRECISION CASTINGS:
STEEL, MIL-S-22141: IC-8620
EXCEPT CARBON .08 TO .18 PERCENT
OR IC-1020. TENSILE TEST SHALL NOT
APPLY.

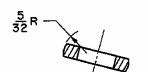
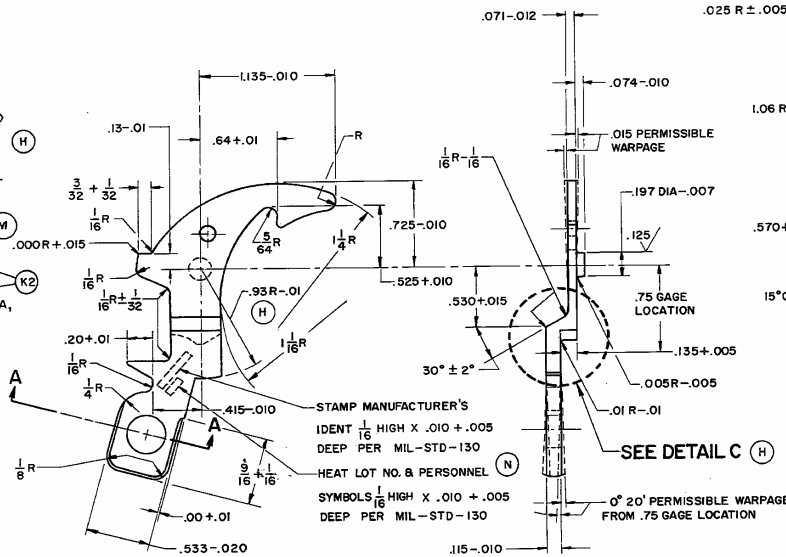
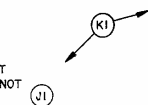
3. HEAT TREATMENT:
(FOR MATERIALS A AND B)
NORMALIZE BEFORE MACHINING.
CARBURIZE AT 1550°-1600° F FROM
.008 TO .012 DEPTH. OIL QUENCH.
TEMPER 20 MINUTES AT 350° F.
HEAT TREATMENT METHOD IS FOR
GUIDANCE EXCEPT THAT CASE DEPTH
AND HARDNESS REQUIREMENTS ARE
MANDATORY, AND TIME AT
TEMPERATURE SHALL NOT BE 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.

4. ALL EDGES SHALL BE BROKEN .005±.010
UNLESS OTHERWISE SPECIFIED.

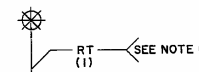
5. MIL-W-13855 SHALL APPLY.

6. CLASSIFICATION AND INSPECTION OF
INVESTMENT CASTINGS TO BE IN
ACCORDANCE WITH CLASS 1, GRADE A,
MIL-STD-2175.

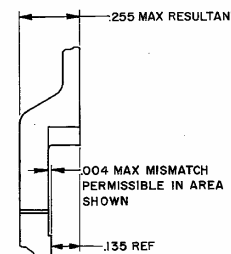
POSITION NUMBERS	NUMBER OF POSITIONS	NO. OF FILMS	NO. OF VIEWS PER FILM	FILM SIZE
I	I	I	70 TO 80	14 X 17



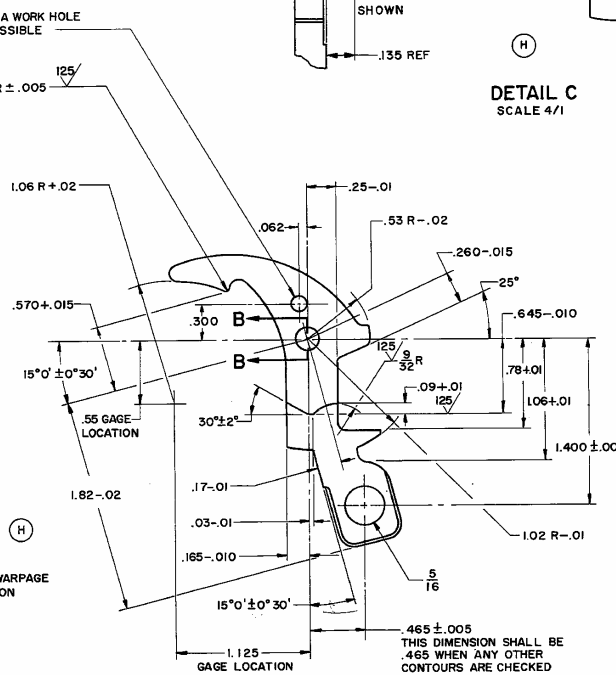
SECTION A-A



SECTION B-B



DETAIL C
SCALE 4/1



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. 19204
PART NO. 5546015

REVISIONS	DATE	APPROVAL
R ECPW552069 / 851223 860121/1		
P NOR W852022/79-03-26 7904-01 SA 001		
N (3) SEE ERR HQN 40681		
M SEE EO WRD 02138		
L (1) SEE EO WRD 32078-2		
K (1-4) SEE EO 82048		
J (1-3) SEE EO SA 29262		
H SEE EO SA 26343		
G SEE EO SA 25003		
F REDRAWN AND REVISED		
E SEE EO SA 24529		

SAFETY

5546015

PHYSICAL PROPERTIES	APPLICATION	HEAT TREATMENT	FINAL PROTECTIVE FINISH
7790195 06526297	RIFLE, M4 30R-M4 MIC 8 MID	SEE NOTE 2 SEE NOTE 3	FINISH 5.3.1.2 OF MIL-STD-171
DO NOT FILE HARD	DO NOT APPLY PART NO.		

SCALE 2/1 UNIT WT .03