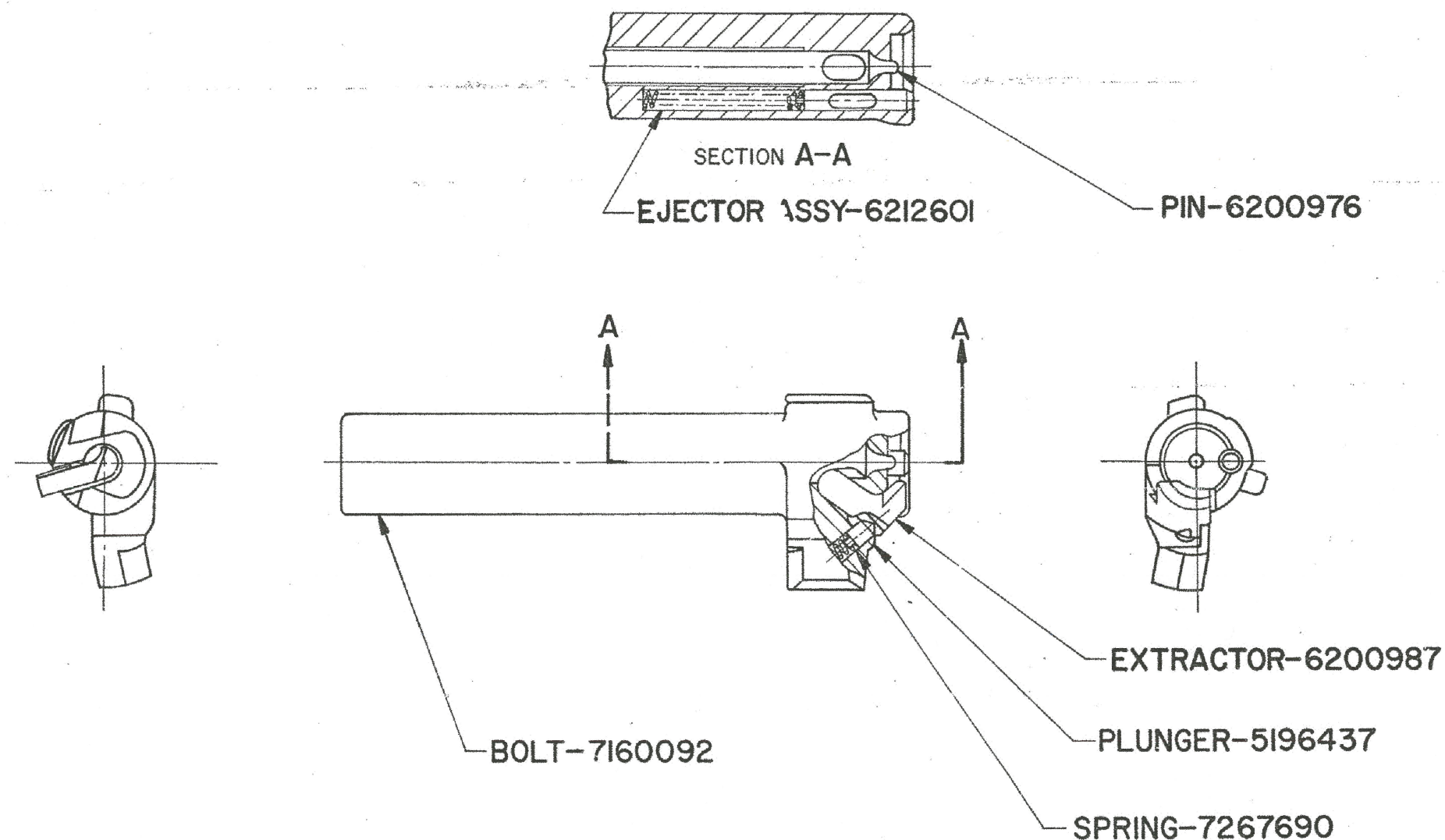


- 2

NOTE:
1. FIRING PIN PROTRUSION .048 TO .078.

REVISIONS					
MF	ZONE	LTR	DESCRIPTION	DATE	APPROVED
		C	REDRAWN WITH/CHANGE SEE EO HRD 82368	3-27-69	D. A. Cole



FOR LIST OF PARTS, SEE ENGINEERING PARTS LIST-7162897

PART NO. 7162897

MECHANICAL PROPERTIES		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		ORIGINAL DATE OF DRAWING 2 SEP 49		DEPT OF THE ARMY ROCK ISLAND ARSENAL, ROCK ISLAND, ILL. 61201	
YP			TOLERANCES ON DECIMALS XX ±	DRAFTSMAN M. A. March	CHECKER S. Frutiger	BOLT ASSEMBLY	
TS			ANGLES ± XXX ±	TRACER M. A. March	CHECKER S. Frutiger		
EL 2	F7265697	CARBINE,	MATERIAL	ENGINEER C. H. Freeman	ENGINEER D. A. Cole		
RA	F7265696	CAL .30, M1,	HEAT TREATMENT	SUBMITTED			
BH	F7265695	M1A1, M28M3		APPROVED D. A. Cole		DWG SIZE CODE IDENT NO. C 19204 7162897	
RH	F7265694		FINAL PROTECTIVE FINISH	APPROVED H. Johnson			
		NEXT ASSY.	USED ON			SCALE 2/1 UNIT WT .21 SHEET 1 OF 1	
		APPLICATION					

5

4

3

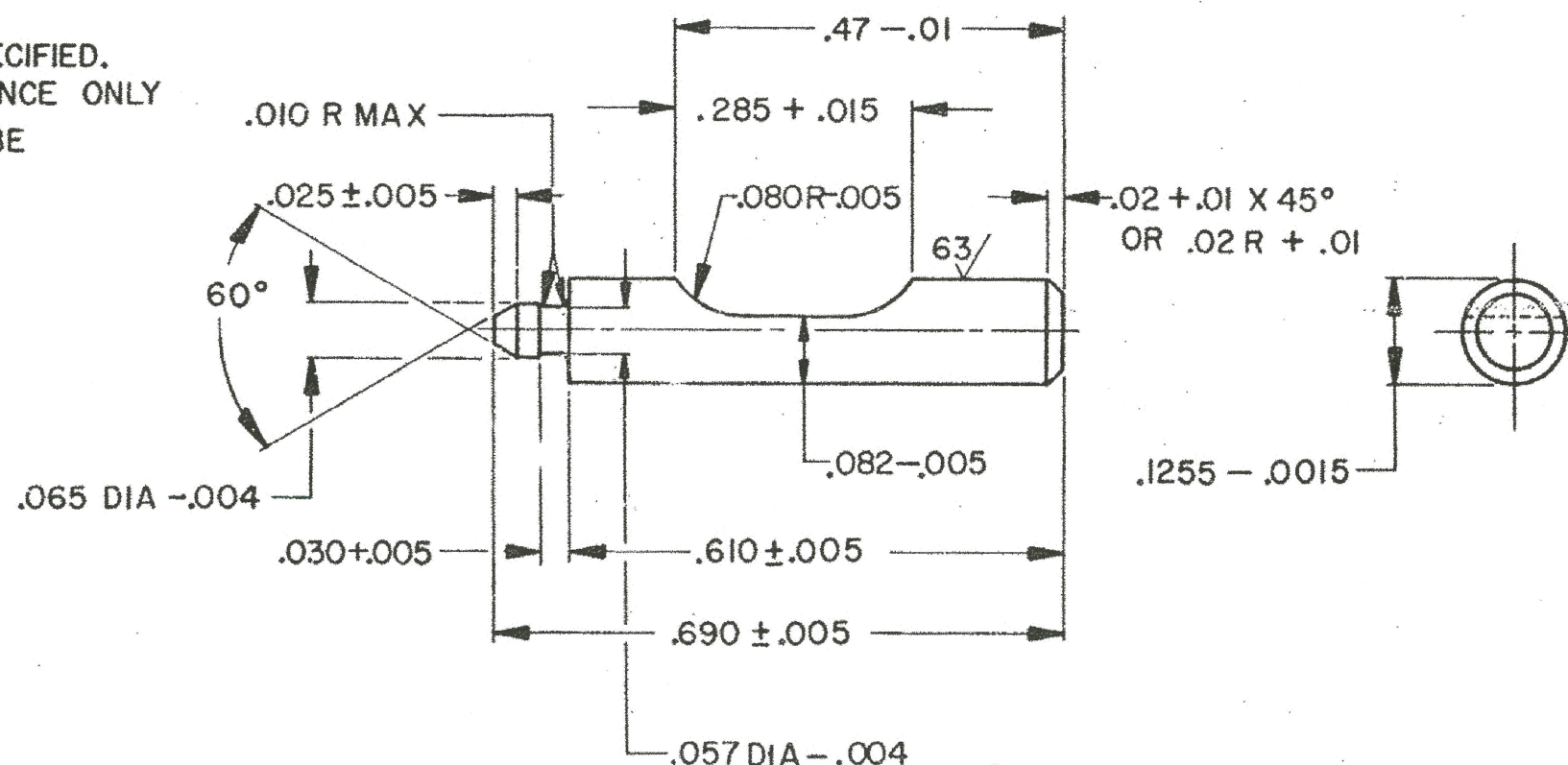
2

1

NOTES:

1. FINISH ALL OVER $\sqrt{125}$ EXCEPT AS NOTED.
2. MATERIAL:
STEEL, CLASS 01, SPEC QQ-T-570.
3. HEAT TREATMENT:
HEAT AT 1500°-1550°F. OIL QUENCH.
TEMPER 30 MINUTES TO HARDNESS SPECIFIED.
HEAT TREATMENT METHOD IS FOR GUIDANCE ONLY
EXCEPT TEMPERING TIME SHALL NOT BE
REDUCED BELOW THAT SPECIFIED.
4. FINAL PROTECTIVE FINISH:
FINISH 5.3.2.2 OF MIL-STD-171,
EXCEPT PARA 3.3 OF MIL-P-16232
SHALL NOT APPLY.

REVISIONS					
MF	ZONE	LTR	DESCRIPTION	DATE	APPROVED
		C	REDRAWN W/CHANGE SEE EO HRD 82244	30 SEP 68	C. H. Freyman



PART NO. 6200989

MECHANICAL PROPERTIES		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		ORIGINAL DATE OF DRAWING 10 DEC 1951		DEPT OF THE ARMY ROCK ISLAND ARSENAL, ROCK ISLAND, ILL. 61201	
YP.		TOLERANCES ON DECIMALS XX ± .01		DRAFTSMAN R. C.	CHECKER N. P. H.	EJECTOR	
TS		ANGLES ± 1° XXX ±		TRACER C. R. Reddy	CHECKER S. F. Freyman		
EL 2		MATERIAL M1A1, M2 & M3 SEE NOTE 2		ENGINEER C. H. Freyman		DWG SIZE B	
RA		HEAT TREATMENT SEE NOTE 3		SUBMITTED A. Johnson			
BH		NEXT ASSY. USED ON		APPROVED D. A. Lunkhonor		6200989	
RH	C43-48	APPLICATION		SCALE 5/1			UNIT WT

5

4

3

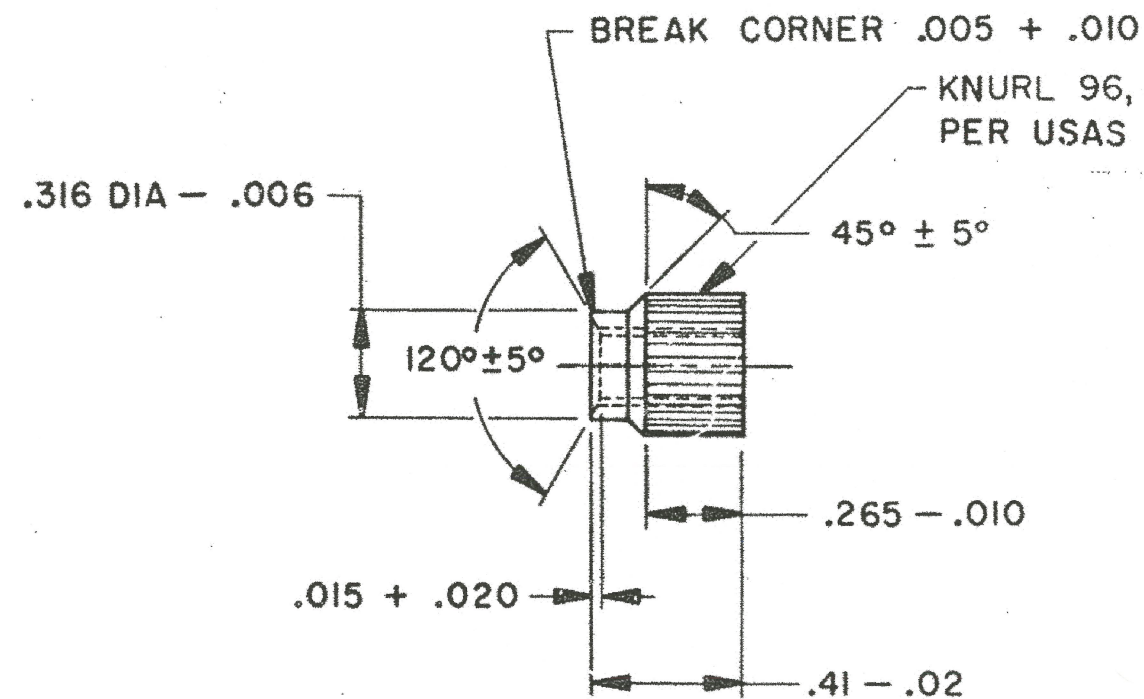
2

1

NOTES:

1. FINISH ALL OVER 125° .
2. MATERIAL:
STEEL, COMP BIII2 OR BIII3, SPEC QQ-S-637.
3. FINAL PROTECTIVE FINISH:
FINISH 5.3.1.2 OR 5.3.2.2 OF MIL-STD-171.

REVISIONS					
MF	ZONE	LTR	DESCRIPTION	DATE	APPROVED
		B	REDRAWN W/CHANGE SEE EO HRD 82227	26 SEP 68	<i>R.H. Feynman</i>



MAJOR DIA .2000 MIN
PITCH DIA .1838 + .0027
MINOR DIA .1729 + .0027

.2000-40-NS-2

PART NO. 5196440

MECHANICAL PROPERTIES		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		ORIGINAL DATE 10 DEC 1941 OF DRAWING		DEPT OF THE ARMY ROCK ISLAND ARSENAL, ROCK ISLAND, ILL. 61201	
YP		TOLERANCES ON DECIMALS XX ±		DRAFTSMAN <i>D. Berg</i>	CHECKER <i>S. Fritzsche</i>	ESCUTCHEON, RECOIL PLATE SCREW	
TS		ANGLES ± XXX ±		TRACER <i>D. Berg</i>	CHECKER <i>S. Fritzsche</i>		
EL 2		MATERIAL SEE NOTE 2		ENGINEER <i>C.H. Feynman</i>	DWG SIZE B		
RA		HEAT TREATMENT		SUBMITTED <i>A. Johnson</i>			
BH		NEXT ASSY. USED ON		APPROVED <i>V. L. Lusk</i>	5196440		
RH		APPLICATION		SCALE 2 / 1		UNIT WT	
						SHEET 1 OF 1	

D

B5196440

C

B

A

5

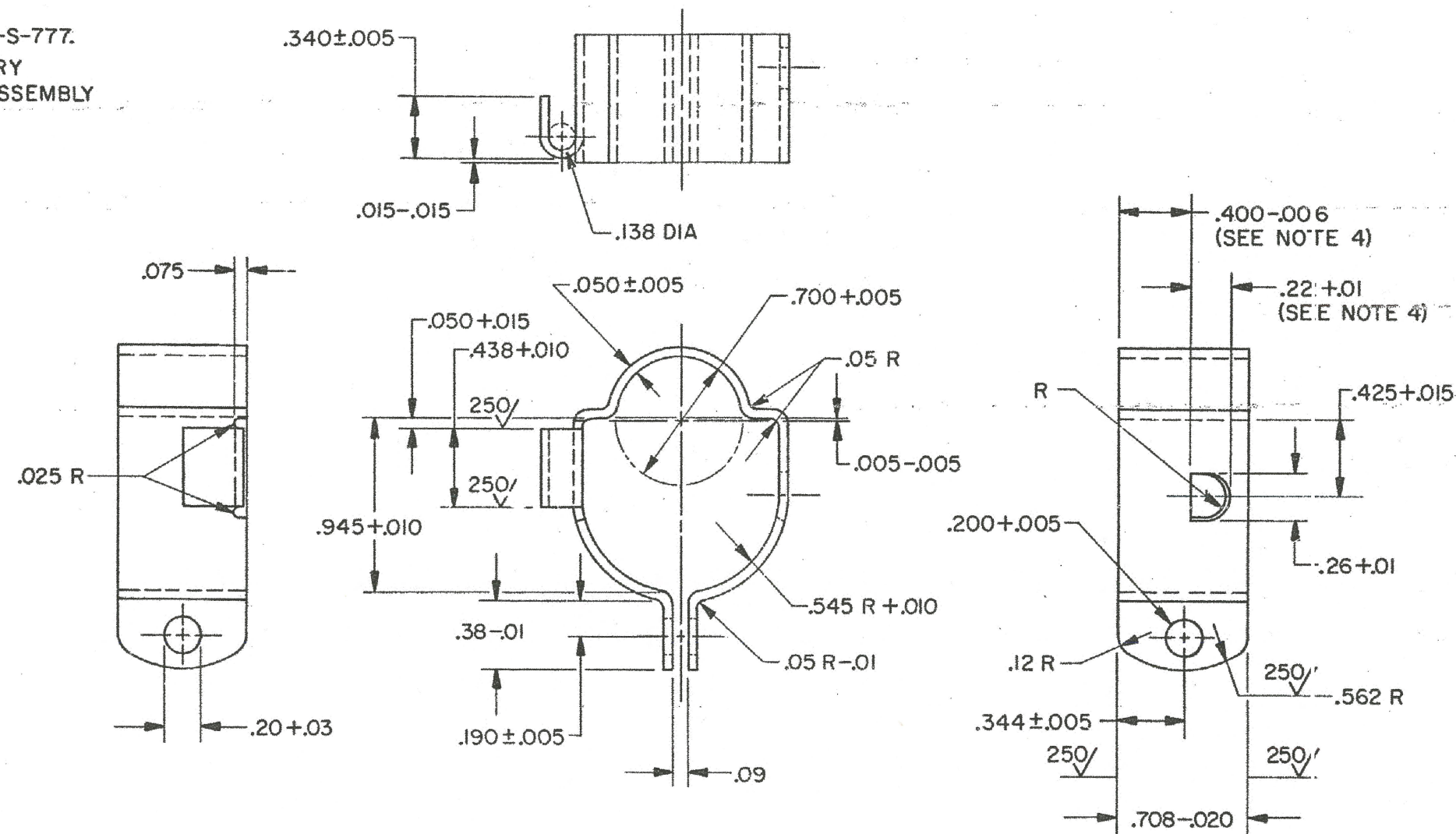
FINISH 53.1.2 OF MIL-STD-171, EXCEPT PARA 3.3 OF MIL-P-16232 SHALL NOT APPLY.

SWERI FORM 400, 1 MAR 67

NOTES:

1. FINISH $\sqrt{125}$ ALL OVER EXCEPT AS NOTED.
2. BREAK SHARP EDGES $.005 + .010$ UNLESS OTHERWISE SPECIFIED.
3. MATERIAL:
STEEL, COMP 1045, SPEC QQ-S-777.
4. THESE DIMENSIONS MAY VARY AFTER ASSEMBLY TO SUIT ASSEMBLY REQUIREMENTS 7160963.

REVISIONS				
MF	ZONE	LTR	DESCRIPTION	DATE
		C	REDRAWN WITH CHANGE SEE EO HRD 82283	5 MAR 69



PART NO. 7160008

MECHANICAL PROPERTIES		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		ORIGINAL DATE OF DRAWING 20 SEP 43		DEPT OF THE ARMY ROCK ISLAND ARSENAL, ROCK ISLAND, ILL. 61201	
YP		TOLERANCES ON DECIMALS XX ± .01 XXX ± .010		DRAFTSMAN L. A. G. G. G.		CHECKER J. M. M. M.	
TS		ANGLES ±		TRACER L. A. G. G. G.		CHECKER J. M. M. M.	
EL 2		MATERIAL SEE NOTE 3		ENGINEER C. H. H. H.		ENGINEER D. D. D. D.	
RA		HEAT TREATMENT		SUBMITTED			
BH	C 7160009	CARBINE CAL 30		APPROVED D. D. Cole		DWG SIZE C	
RH		MI, MIAI, M2&M3				CODE IDENT NO. 1:234	
	NEXT ASSY.	USED ON				7160008	
	APPLICATION		FINAL PROTECTIVE FINISH		SCALE 2/1		UNIT WT .047
						SHEET 1 OF 1	

BODY, FRONT BAND



HEAT TREATMENT: NORMALIZE BEFORE MACHINING
1 HOUR AT 1650°F OIL QUENCH FROM 1550°F TEMPER
30 MIN AT HEAT TO ROCKWELL SPECIFIED. NO
DECARBURIZATION OR FULL CARBON RECOVERY.
MATERIAL: STEEL, FED QQ-S-633; FS 1050

③

MATERIAL: NOMINALLY FS 1050 STEEL

● CARBON .45-.58 PER CENT	● MANGANESE .57-.93 PER CENT
● SILICON .23-.32 PER CENT	● PHOSPHORUS .040 MAX PER CENT
● SULPHUR .050 MAX PER CENT	

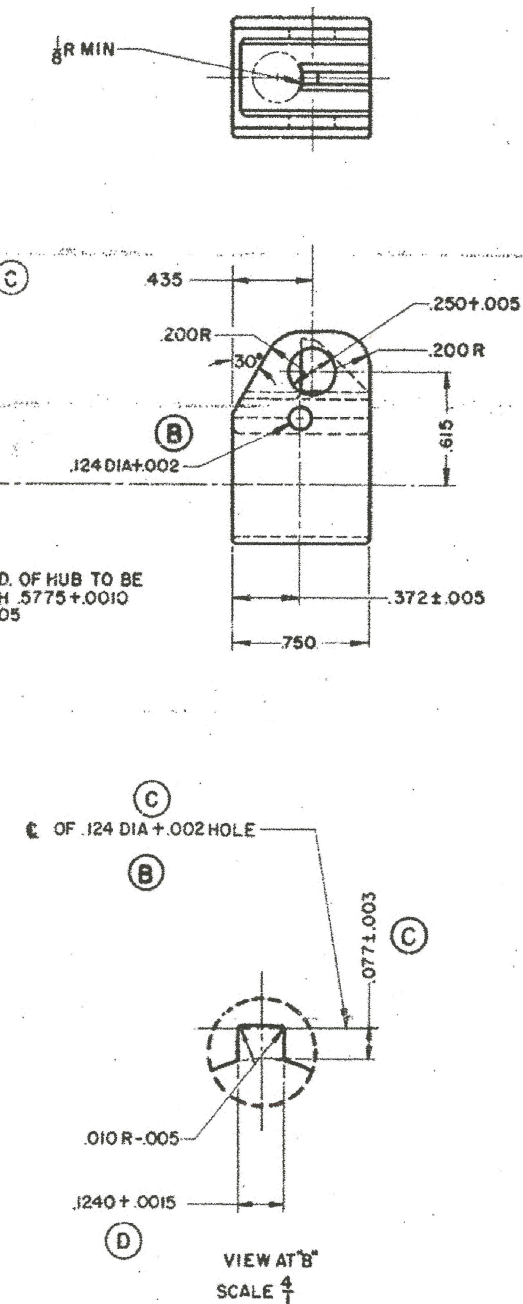
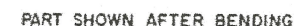
SPEC MIL-C-10005 (ORD) AND DWG D7267837, GENERAL REQUIREMENTS FOR PRECISION CASTINGS, SHALL APPLY.

CHEMICAL ANALYSIS SHALL BE IN ACCORDANCE WITH SCHEDULES A, B, AND C DWG D7267837.

Ⓔ

THE ACCEPTABLE QUALITY LEVEL FOR RADIOGRAPHIC INSPECTION SHALL BE 0.65 ON A LOT SIZE AS DEFINED ON DWG D7267837 USING LEVEL II OF MIL-STD-105, SINGLE SAMPLING PLAN.

● PERTAINS TO SCHEDULES ON DWG D7267837 FOR PRECISION CASTINGS



125/ALL OVER EXCEPT AS NOTED

* SHALL BE THIS DIMENSION BEFORE HEAT TREATMENT.

HEAT TREATMENT: 1550° F OIL QUENCH. TEMPER
30 MINUTES AT HEAT TO ROCKWELL SPECIFIED.

MATERIAL: STEEL, FED SPEC QQ-S-633; FS 1050.
FRACTURE GRAIN SIZE 7 OR FINER AS QUENCHED
FROM 1550°F OR ASTM GRAIN SIZE 5-8.

NOTICE: THIS DRAWING SHALL NOT BE USED OR
REPRODUCED EITHER WHOLLY OR IN PART EXCEPT
WHEN AUTHORIZED IN CONNECTION WITH
UNITED STATES GOVERNMENT PROCUREMENT.

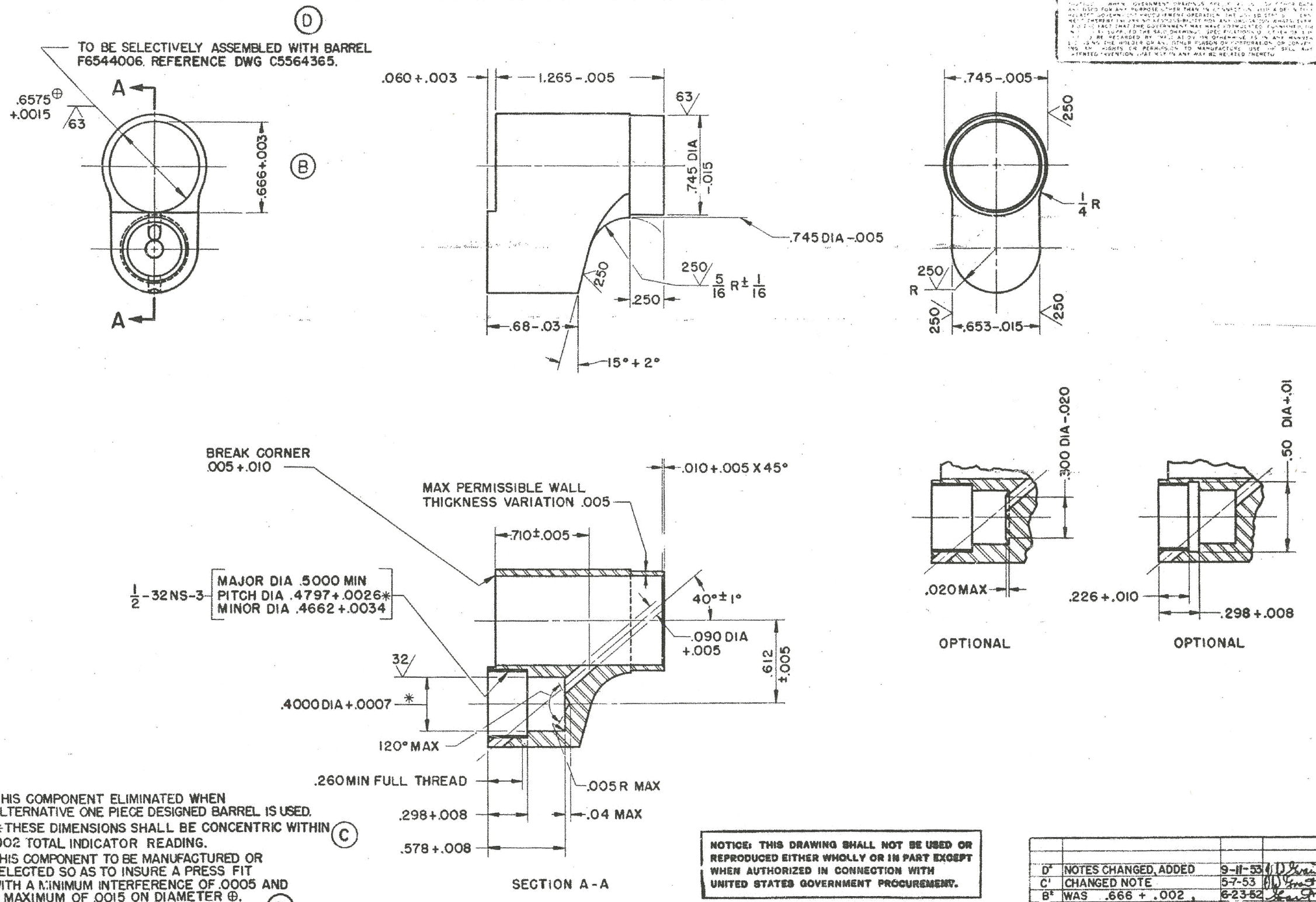
E ⁴	SEE ECO NO. 23084	5 OCT 56	<i>W. L. ...</i>
D	WAS 124 + 001	11-12-52	<i>W. L. ...</i>
C	WAS TOP OF KEYSLOT AND	6-18-52	<i>W. L. ...</i>
B ⁴	WAS 076 ± 002		
A	WAS 124 DIA + 001	5-12-52	<i>W. L. ...</i>
	SUPERSEDES 86200995 WOC	3-31-52	
SN	DESCRIPTION	REVISIONS	DATE
			APPROVED

(E) DWG D7267837 APPLIES
DWG B7266102 APPLIES

PART NO. 6200995

PHYSICAL PROPERTIES		TOLERANCES ON DIMENSIONS ±.01		ORIGINAL DATE OF DRAWING DEC. 10, 1941		REVISIONS	
C37-45		TOLERANCES ON ANGLES ±1°		DRAWN BY H.E.S.		SIGHT, FRONT	
D5557154		MATERIAL		CHECKED BY H.H.		ORDNANCE CORP.	
CARBINE, CAL. 30		SEE NOTE		TRAILED BY H.H.		DEPT OF THE ARMY	
MILMIL M2 B M3		HEAT TREATMENT		ENGINEER BY H.H.		6200995	
NEXT ASSY		SEE NOTE		SUBMITTED		D	
APPLICATION		EITHER APPROVED OR REJECTED		APPROVED BY CHIEF OF THE BUREAU OF ORDNANCE		SCALE 2/1	
DO NOT APPLY PART NO.		TYPE I OR II		BY CHIEF OF ORDNANCE		UNIT WT .04	
		SPEC. MIL-C-16232		BY CHIEF OF ORDNANCE		SHEET 1 of 1	

A



THIS COMPONENT ELIMINATED WHEN ALTERNATIVE ONE PIECE DESIGNED BARREL IS USED.
*THESE DIMENSIONS SHALL BE CONCENTRIC WITHIN .002 TOTAL INDICATOR READING.
THIS COMPONENT TO BE MANUFACTURED OR SELECTED SO AS TO INSURE A PRESS FIT WITH A MINIMUM INTERFERENCE OF .0005 AND A MAXIMUM OF .0015 ON DIAMETER Ø.

HEAT TREATMENT: NORMALIZE BEFORE MACHINING IF MADE FROM FORGING. 1550°F OIL QUENCH. TEMPER 30 MINUTES TO ROCKWELL SPECIFIED.

MATERIAL: STEEL, FED SPEC QQ-S-624; FS 4140 (EXCEPT RESULFURIZED .04-.09) FINE GRAIN, GUN QUALITY, BILLET MACROETCH INSPECTION REQUIRED.)

PHYSICAL PROPERTIES		TOLERANCES ON DIMENSIONS ARE: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
YP		DECIMALS	± .01
TS		FRACTIONS	± .01
EL 2		MATERIAL	SEE NOTE
RA	C5564365	CARBINE, CAL 30	MI, MIAI, M28M3
BH		HEAT TREATMENT	SEE NOTE
RH	C25-35	DO NOT APPLY PART NO	SEE ASSEMBLY DWG C5564365

DWG B7266102 APPLIES

PART NO. 6147663

NOTICE: THIS DRAWING SHALL NOT BE USED OR REPRODUCED EITHER WHOLLY OR IN PART EXCEPT WHEN AUTHORIZED IN CONNECTION WITH UNITED STATES GOVERNMENT PROCUREMENT.

SYM	DESCRIPTION	DATE	APPROVAL
D*	NOTES CHANGED, ADDED	9-11-53	D. J. Hunt
C'	CHANGED NOTE	5-7-53	D. J. Hunt
B*	WAS .666 ± .002	6-23-52	D. J. Hunt
A	WAS FS 4140 SPECIAL		
	SUPERSEDES B6147663 WO/C 3-31-52		

CYLINDER, GAS
125
ALL OVER
EXCEPT AS NOTED

ORDNANCE CORPS
DEPT OF THE ARMY

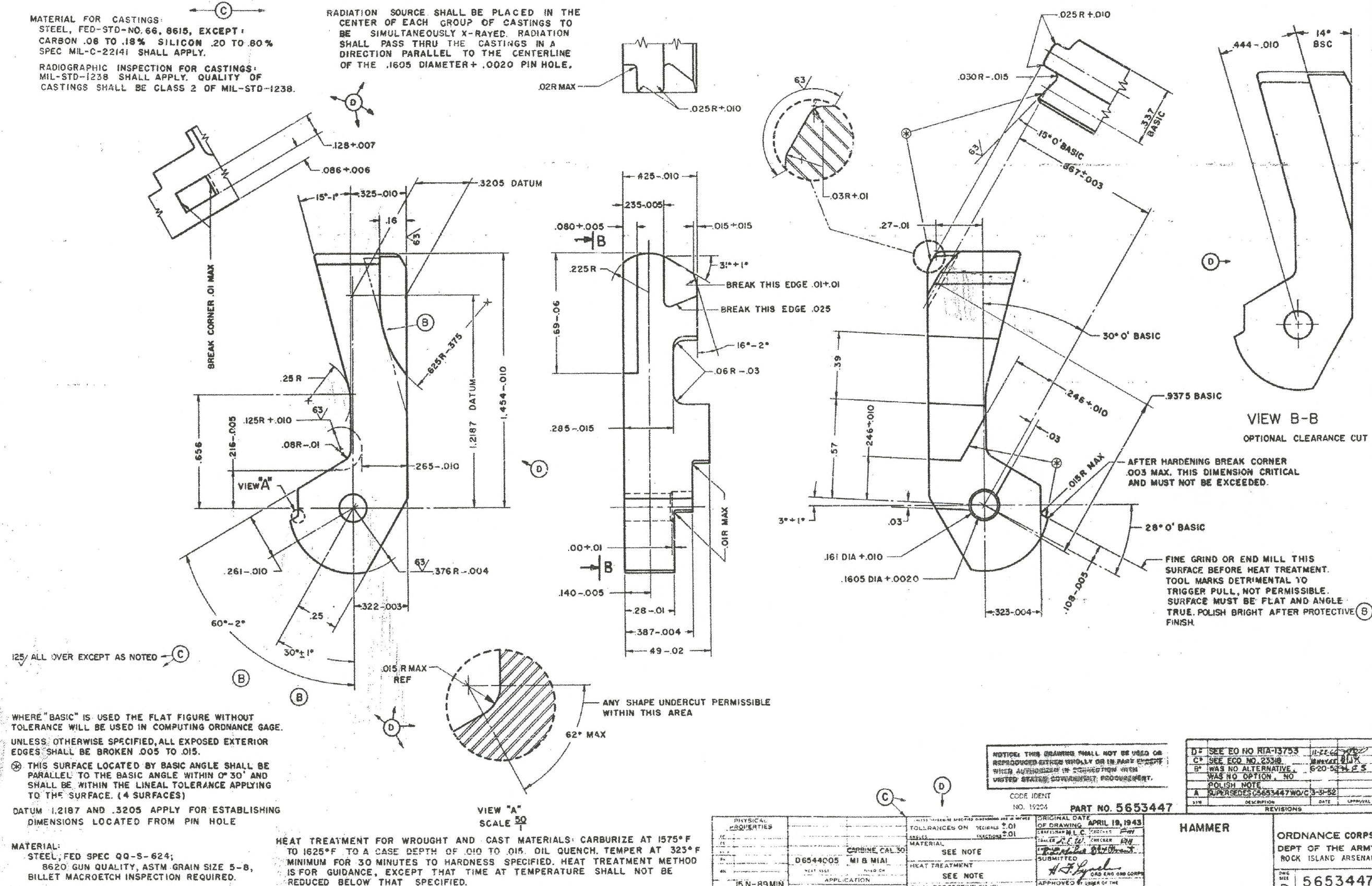
DWG NO. 6147663

AE

C6147663

MATERIAL FOR CASTINGS:
STEEL, FED-STD-NO. 66, 8615, EXCEPT:
CARBON .08 TO .18% SILICON .20 TO .80%
SPEC MIL-C-22141 SHALL APPLY.
RADIOGRAPHIC INSPECTION FOR CASTINGS:
MIL-STD-1238 SHALL APPLY. QUALITY OF
CASTINGS SHALL BE CLASS 2 OF MIL-STD-1238.

RADIATION SOURCE SHALL BE PLACED IN THE
CENTER OF EACH GROUP OF CASTINGS TO
BE SIMULTANEOUSLY X-RAYED. RADIATION
SHALL PASS THRU THE CASTINGS IN A
DIRECTION PARALLEL TO THE CENTERLINE
OF THE .1605 DIAMETER+.0020 PIN HOLE.





MATERIAL: STEEL, FED SPEC QQ-S-624, F58745 ASTM GRAIN
SIZE 5-B BILLET MACROETCH INSPECTION REQUIRED.

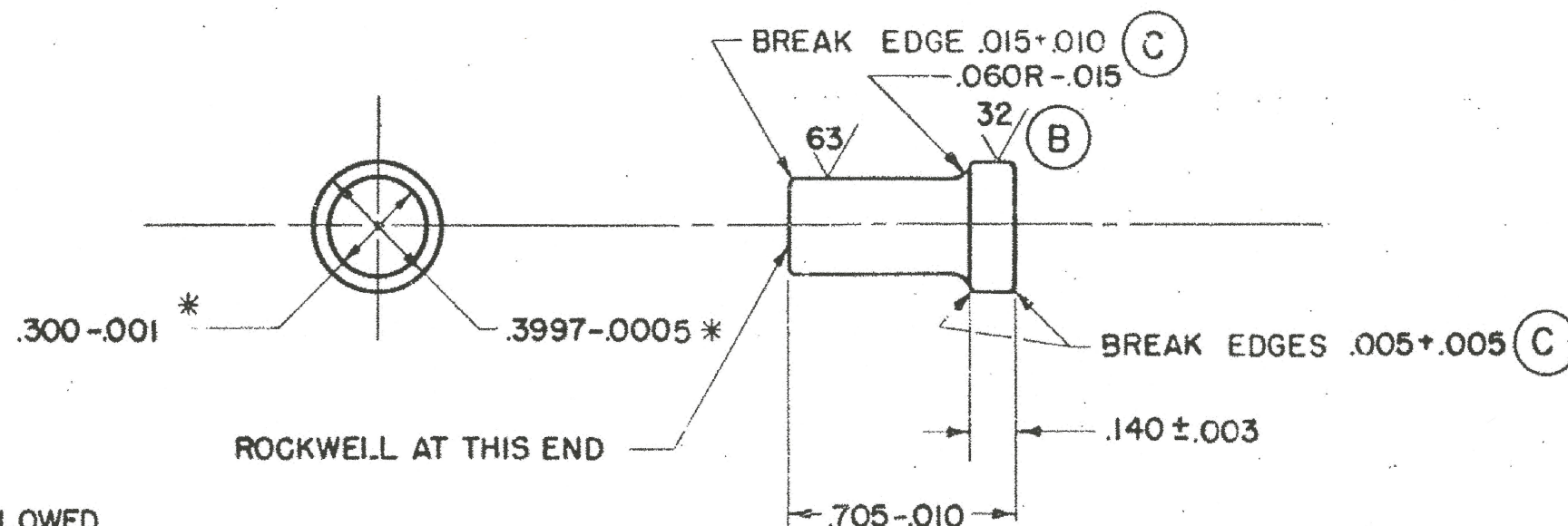
 4.287 ± 0.05

NOTICE: THIS DRAWING SHALL NOT BE USED OR REPRODUCED EITHER WHOLLY OR IN PART EXCEPT WHEN AUTHORIZED IN CONNECTION WITH UNITED STATES GOVERNMENT PROCUREMENT.

A E

NOTICE: WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION, WHATSOEVER, AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS, OR OTHER DATA IS NOT TO BE CONSIDERED BY ANY PARTY OR OTHERWISE AS IN ANY MANNER ENDORSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR IMPLYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL, ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

B5196446



* .001 INDICATOR READING ALLOWED ON THESE DIMENSIONS.

HEAT TREATMENT: 1825°-1875°F OIL QUENCH, TEMPER 2 HOURS MIN AT NOT LESS THAN 400°F AND NOT MORE THAN 450°F TO ROCKWELL SPECIFIED.

MATERIAL: CORROSION RESISTING STEEL, FED SPEC QQ-S-763;
CLASS 5 TYPE A, COLD FINISHED OR CENTERLESS GROUND BARS, EXCEPT: CU .50 MAX, MN .60 MAX

NOTICE: THIS DRAWING SHALL NOT BE USED OR REPRODUCED EITHER WHOLLY OR IN PART EXCEPT WHEN AUTHORIZED IN CONNECTION WITH UNITED STATES GOVERNMENT PROCUREMENT.

REV	DESCRIPTION	DATE	APPROVAL
D	WAS .015R + .010; ETC.	6-4-53	Grant
C	WAS .010R + .015; BREAK CORNERS .005 + .005	12-2-52	Grant
B	WAS 1/8"	5-9-52	Grant
A	SUPERSEDES A5196446 WOC	3-31-52	

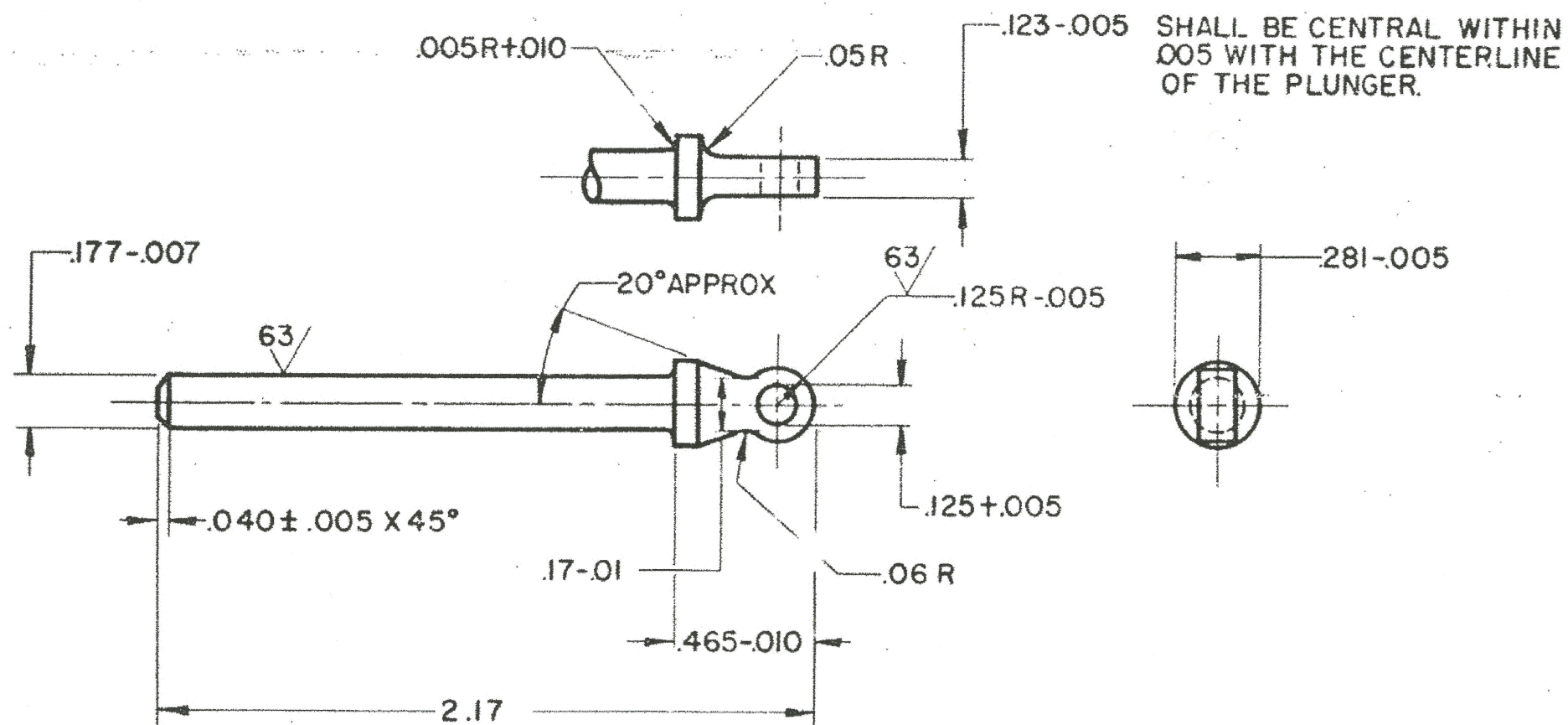
DWG 87266102 APPLIES

PART NO. 5196446

PHYSICAL PROPERTIES YP TS EL 2 RA BH RH		CARBINE, CAL 30 M1, M1A1, M2 & M3 D5557154 NEXT ASSY USED ON APPLICATION DO NOT APPLY PART NO. 88-48-SPECIFIED-	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON DECIMALS ±.01 ANGLES FRACTIONS MATERIAL SEE NOTE HEAT TREATMENT SEE NOTE FINAL PROTECTIVE FINISH	ORIGINAL DATE DEC. 10, 1941 OF DRAWING DRAFTSMAN M.F.S. CHECKER NOLL TRACER M.F.S. CHECKER NOLL ENGINEER P. J. Miller ENGINEER Grant SUBMITTED H. J. Lynch ORD ENG ORD CORPS APPROVED BY ORDER OF THE CHIEF OF ORDNANCE W. C. Rogers LT. COL. ORD CORPS	PISTON 125/ ✓ ALL OVER EXCEPT AS NOTED SCALE 2/1 UNIT WT .016	ORDNANCE CORPS DEPT OF THE ARMY DWG SIZE B 5196446 SHEET 1 OF 1
--	--	--	---	---	---	--

NOTICE: WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER, AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWING, SPECIFICATIONS, OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER ENDORSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THEREIN.

B6200981



NOTICE: THIS DRAWING SHALL NOT BE USED OR REPRODUCED EITHER WHOLLY OR IN PART EXCEPT WHEN AUTHORIZED IN CONNECTION WITH UNITED STATES GOVERNMENT PROCUREMENT.

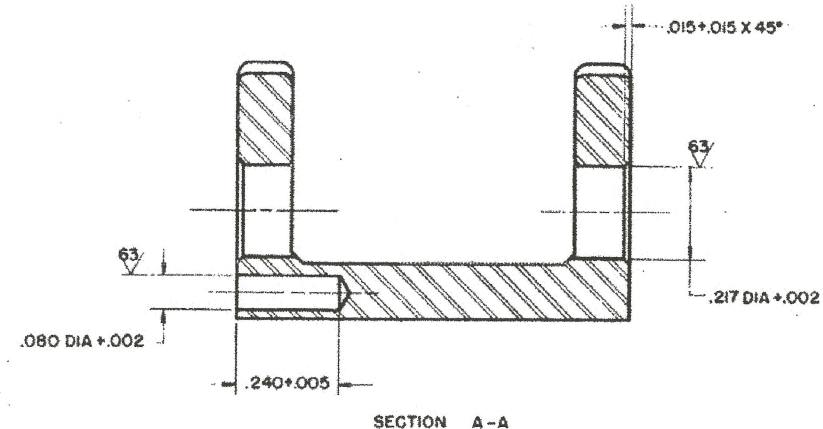
HEAT TREATMENT: CASE HARDEN .004-.007.
OIL QUENCH. TEMPER AT HEAT 350°F

DWG B7266102 APPLIES

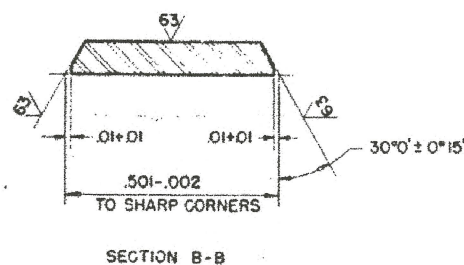
PART NO. 6200981

SYM	DESCRIPTION	DATE	APPROVAL
A	SUPERSEDES B6200981 WOC 3-31-52		

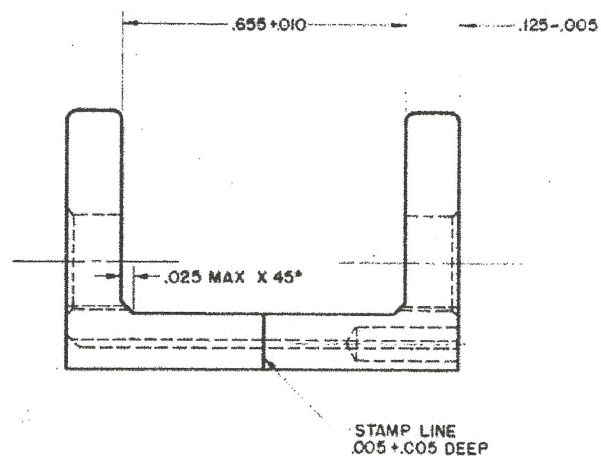
PHYSICAL PROPERTIES		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		ORIGINAL DATE OF DRAWING DEC. 10, 1941		PLUNGER, HAMMER SPRING 125/ ALL OVER EXCEPT AS NOTED		ORDNANCE CORPS DEPT OF THE ARMY	
YP		TOLERANCES ON DECIMALS ± .01		DRAFTSMAN C.V.J. CHECKER E.J.D.					
TS		ANGLES FRACTIONS		TRACER M.A.S. CHECKER M.A.S.					
EL 2	D7161829	MATERIAL STEEL, FED SPEC QQ-S-633; FS 1117		ENGR. P.M. ENGINEER W. H. HUNT					
RA	D6544005	MI, MIAI, M2 & M3		SUBMITTED		SCALE 2/1 UNIT WT .016		DWG SIZE B 6200981 SHEET 1 OF 1	
BH	NEXT ASSY	USED ON		H. J. Lynch					
APPLICATION		HEAT TREATMENT SEE NOTE		ORD ENG ORD CORPS					
RH	FILE HARD	DO NOT APPLY PART NO.		APPROVED BY ORDER OF THE CHIEF OF ORDNANCE					
		DO NOT APPLY PART NO.		W. G. Rogers					
		DO NOT APPLY PART NO.		LT COL ORD CORPS					



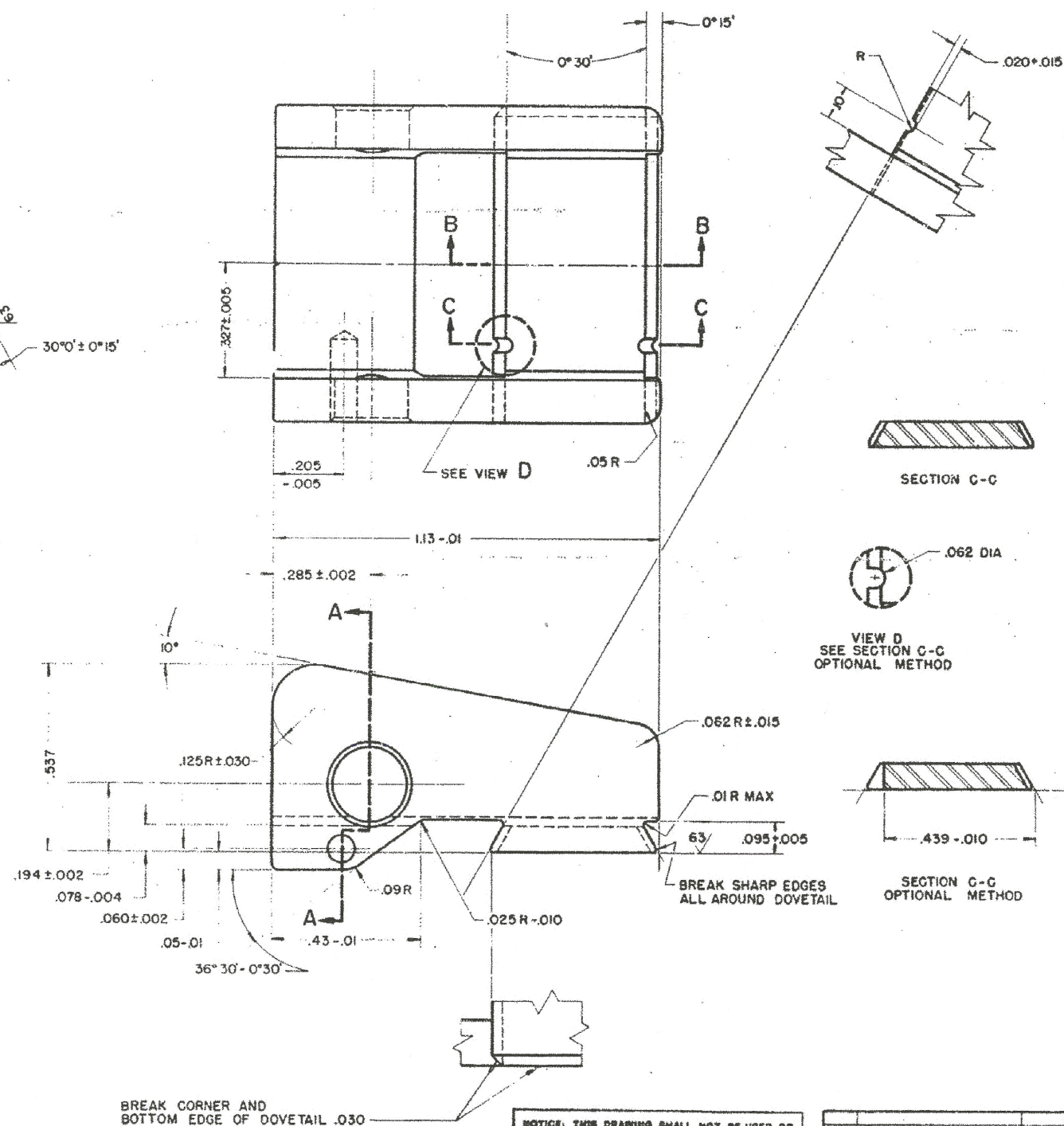
SECTION A-A



SECTION B-B



DIRECTION OF GRAIN



SIGHT DRIVES FROM RIGHT TO LEFT HAND
SIDE OF RECEIVER.

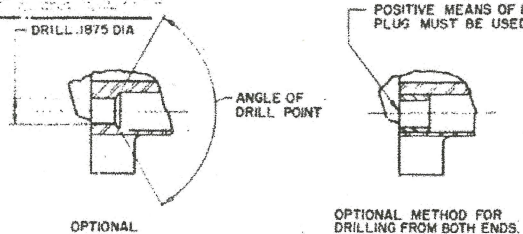
ALL CORNERS AND EDGES SHALL BE BROKEN
 .010 +.010 UNLESS OTHERWISE SPECIFIED.

HEAT TREATMENT:
1500°-1550°F, OIL QUENCH. TEMPER 30 MINUTES
MINIMUM TO ROCKWELL SPECIFIED.

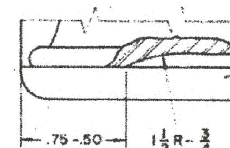
MATERIAL:
STEEL, FED SPEC QQ-S-533;
FS1137
FS1141 - FINE GRAIN

NOTICE: THIS DRAWING SHALL NOT BE USED OR REPRODUCED EITHER WHOLLY OR IN PART EXCEPT WHEN AUTHORIZED IN CONNECTION WITH UNITED STATES GOVERNMENT PROCUREMENT..

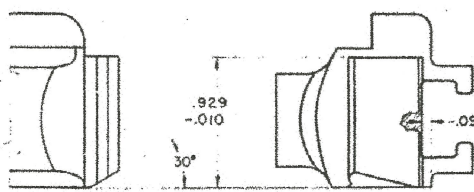
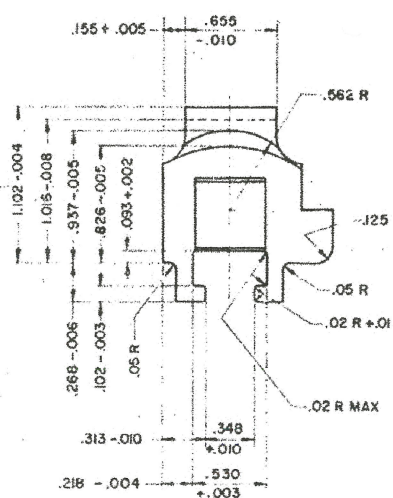
PHYSICAL PROPERTIES		TOLERANCES ON DECIMALS 1:01		ORIGINAL DATE OF DRAWING JULY 28, 1943		REVISIONS	
CARBINE, CAL 30		MATERIAL SEE NOTE		DRAFTSMAN W.S. CHECKER R.H.		BASE, ADJUSTABLE	
D6573955		HEAT TREATMENT SEE NOTE		TRACER L.N.D. CHECKER R.H.		REAR SIGHT	
C15-25		FINISH TYPE II CLASS A, SPEC USA		ENGINEER L.N.D. CHECKER R.H.		125/ ALL OVER	
DO NOT APPLY PART NO.				SUBMITTED		EXCEPT AS NOTED	
				APPROVED BY: COL. G.D. COOPER		SCALE 5/1 UNIT WT. .045	
				CHECKED BY: COL. G.D. COOPER		D 5653478	



SECTION G-G



OPTIONAL
PARTIAL VIEW E-E



OPTIONAL CONSTRUCTION OF RECOIL TONGUE

- ① BREAK EDGE .025 ± .010 (FULL LENGTH OF RAIL).
- ② STAMP PROPER MODEL NUMBER
- ③ BREAK EDGE .025 ± .010.
- ④ IDENTICAL REFERENCE LINES. (2 PLACES)
- ⑤ BREAK EDGE OF LOCKING SURFACE .025 ± .010.
- ⑥ END OF FULL THREAD, RUN-OUT OF THREAD 90° ± 10° BEYOND THIS DIMENSION.

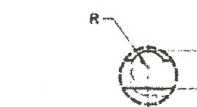
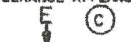
WHERE "BASIC" IS USED THE FLAT FIGURE WITHOUT TOLERANCE WILL BE USED IN COMPUTING ORDNANCE GAGE.

FINAL PROTECTIVE FINISH: TYPE II CLASS A, SPEC USA
57-Q-2. INSIDE OF RECEIVER NOT TO BE SAND BLASTED.

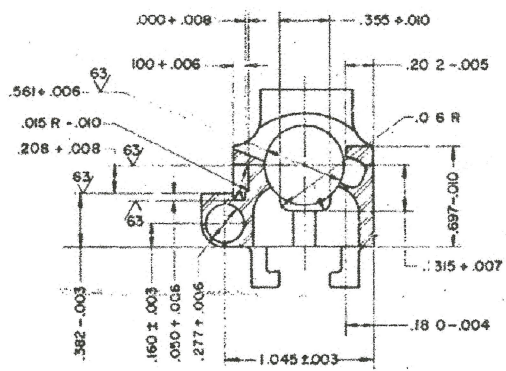
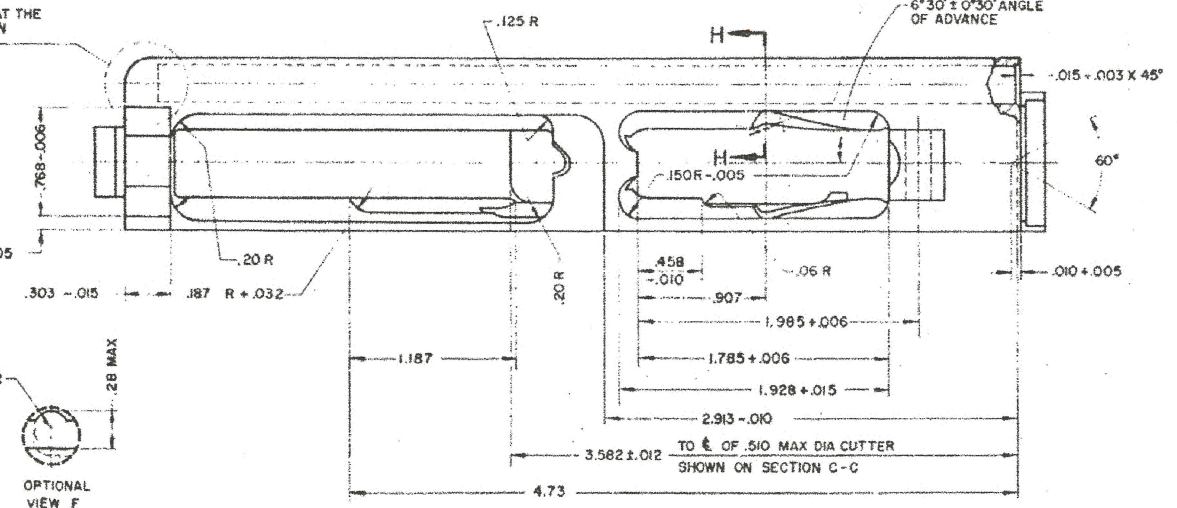
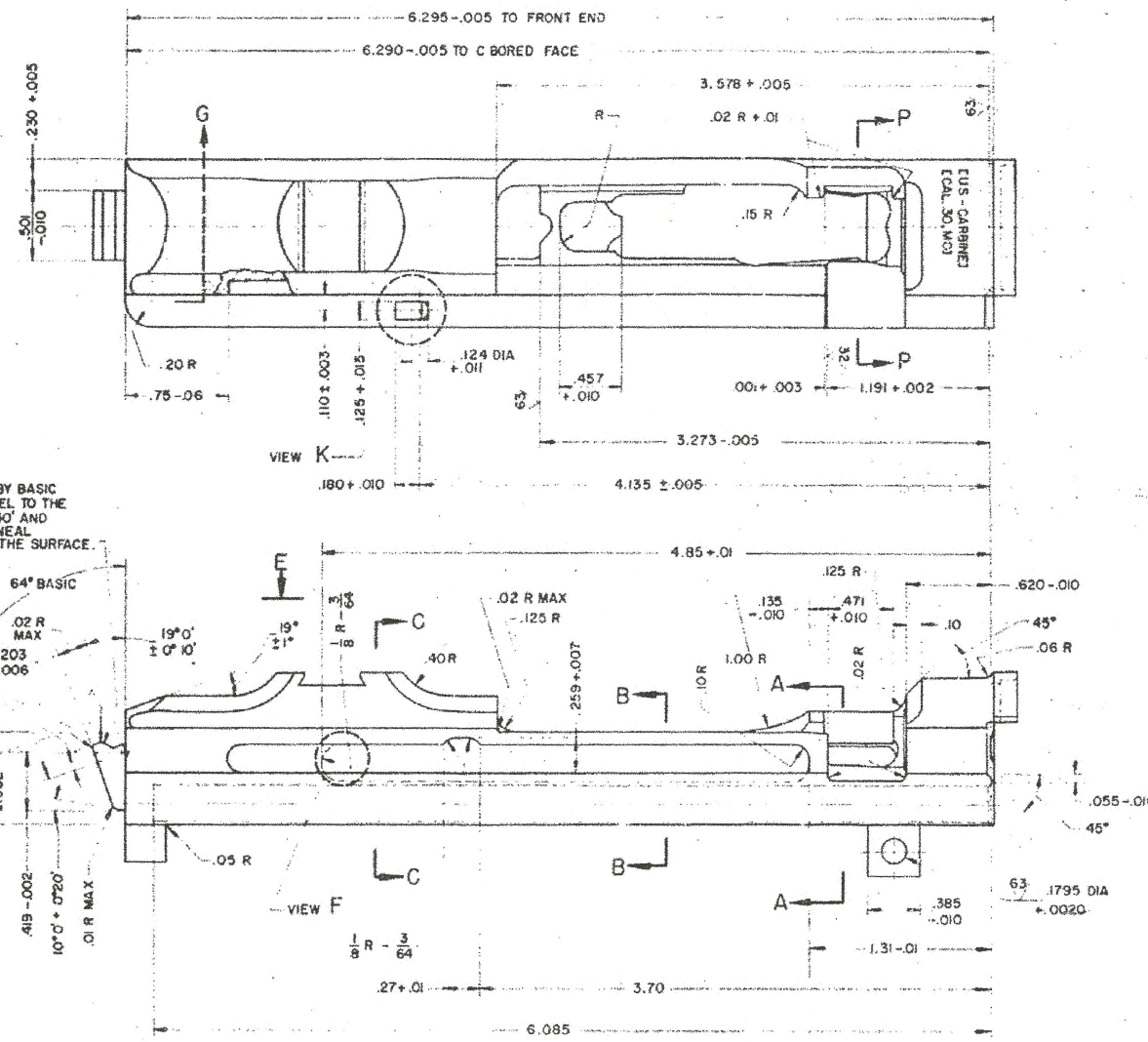
HEAT TREATMENT: NORMALIZE BEFORE MACHINING IF MADE FROM FORGING. PREHEAT 700°F (530°C) OIL QUENCH TEMPER 1 HOUR AT HEAT TO ROCKWELL SPECIFIED.

MATERIAL: STEEL, FED SPEC QQ-S-624; FS 4140 EXCEPT
HARDENED .04-.09. FINE GRAIN. GUN QUALITY. (B)
BILLET MACROETCH INSP REQD.
STEEL, FED SPEC QQ-S-624; FS 4140. FINE GRAIN. GUN
QUALITY. BILLET MACROETCH INSP REQD

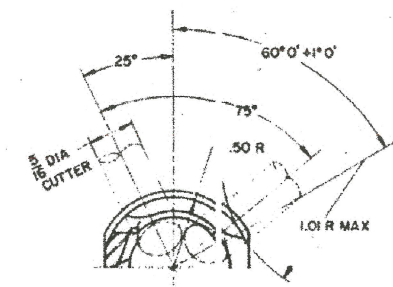
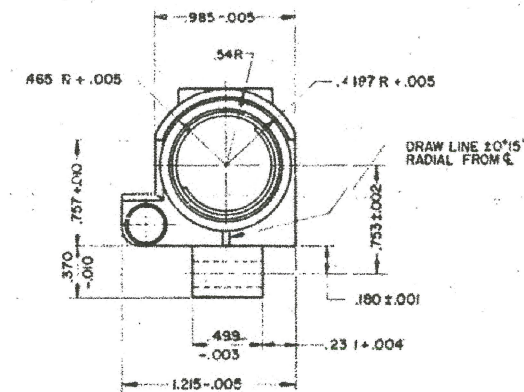
THIS SURFACE LOCATED BY BASIC ANGLE SHALL BE PARALLEL TO THE BASIC ANGLE WITHIN 0° 30' AND SHALL BE WITHIN THE LINEAL TOLERANCE APPLYING TO THE SURFACE.



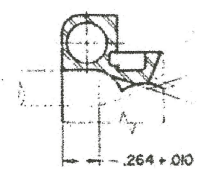
OPTIONAL
VIEW F



SECTION B-8



VIEW OF 45° BEVEL RUN-OUT
PARTIAL SECTION P-P



VIEW OF STARTING POINT
OF .25 DIA CUTTER

PARTIAL SECTION H-H

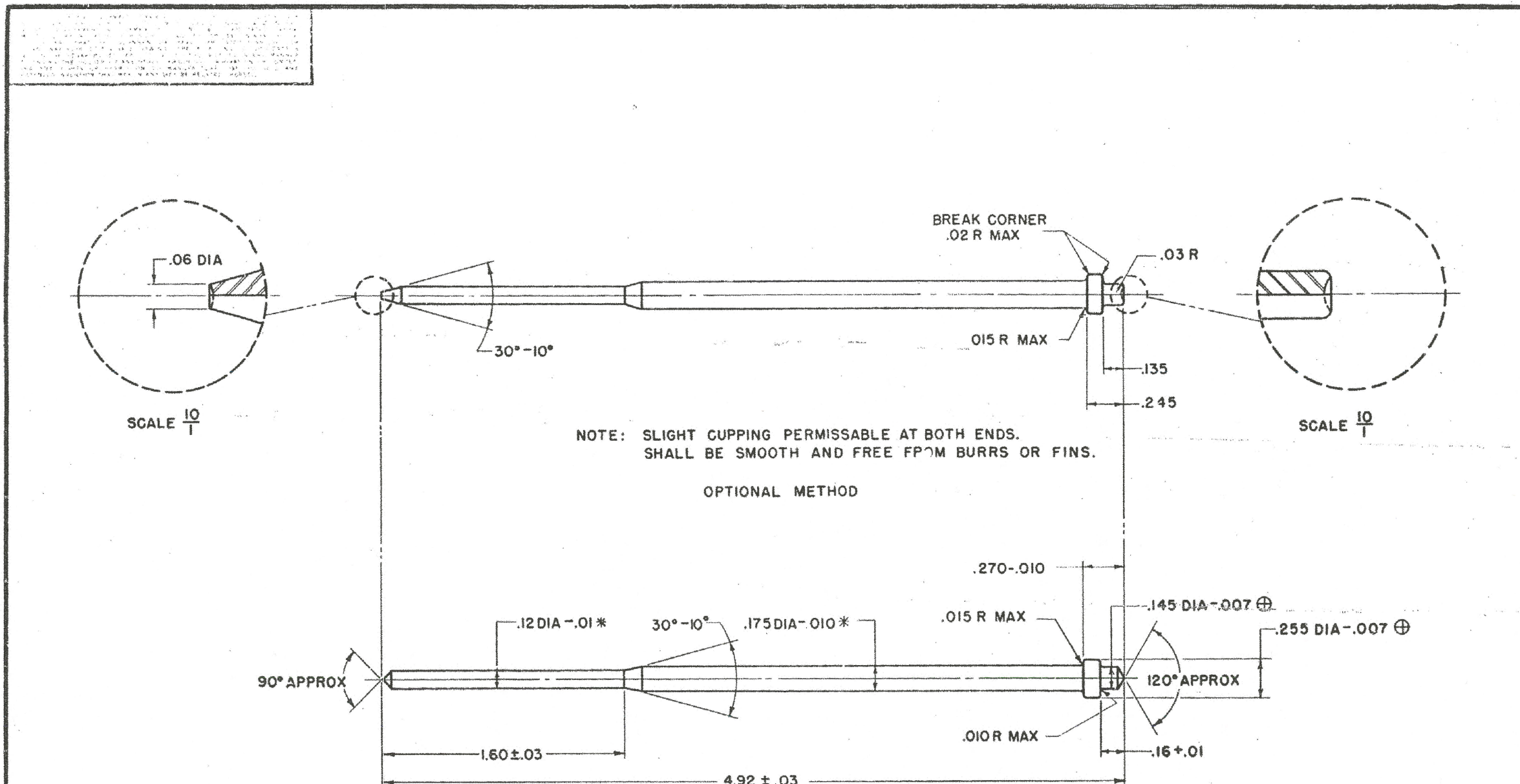
NOTICE: THIS DRAWING SHALL BE ONE OF THE
REPRODUCED EITHER WHOLLY OR IN PART
WHICH AUTHORIZED IN CONNECTION WITH
UNITED STATES GOVERNMENT PROCUREMENT.

D	MADE REVISIONS AGREE	8-15-55
C	WAS APPLYING	9-25-55
B	WAS FS 440 SPECIAL	6-23-56
A	SUPERSEDES D7265615 WO/ G3-31	
STR	DESCRIPTION	DATE

OWG 87266102 APPLIES

PART NO. 7265615

PHYSICAL PROPERTIES	F7265694 F7265695 CARBIDE, CAL 30 F7265696 MI, M12B M2 TEST SPEC. _____ SPEC. _____ C 38-45	VULNERABILITY TO SPECIFIC SUBSTANCES USE "X" FOR YES TOLERANCES ON DECIMALS .01 UNLESS OTHERWISE SPECIFIED MATERIAL SEE NOTE HEAT TREATMENT SEE NOTE FINAL PROTECTIVE FINISH SEE NOTE	ORIGINAL DATE OF DRAWING DEC 10 1961 DESIGNER NAME GEORGE E. FRI DRAWN BY S. CROOKER CHECKED BY SUBMITTED BY <i>W. J. Galt</i> D.D. END ENG COMP DATE OF COMPLETION APPROVED BY <i>W. J. Galt</i> DATE OF APPROVAL SCALE 2/1 UNIT WT .594	RECEIVED 125 ALL OVER EXCEPT 1/5 NOTED ORDNANCE CORPS DEPT OF THE ARMY F 7265615 1 1 2
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* .01 INDICATOR READING ALLOWED ON THESE DIMENSIONS.

⊕ .005 INDICATOR READING ALLOWED ON THESE DIMENSIONS.

HEAT TREATMENT: 1500°-1550° F OIL QUENCH. TEMPER 30 MINUTES AT HEAT TO ROCKWELL SPECIFIED.

MATERIALS: STEEL, FED SPEC QQ-S-633; FS 1060 FRACTURE GRAIN SIZE 7 OR FS 1070 FINER AS QUENCHED FROM 1550° F OR ASTM GRAIN SIZE 5-8.

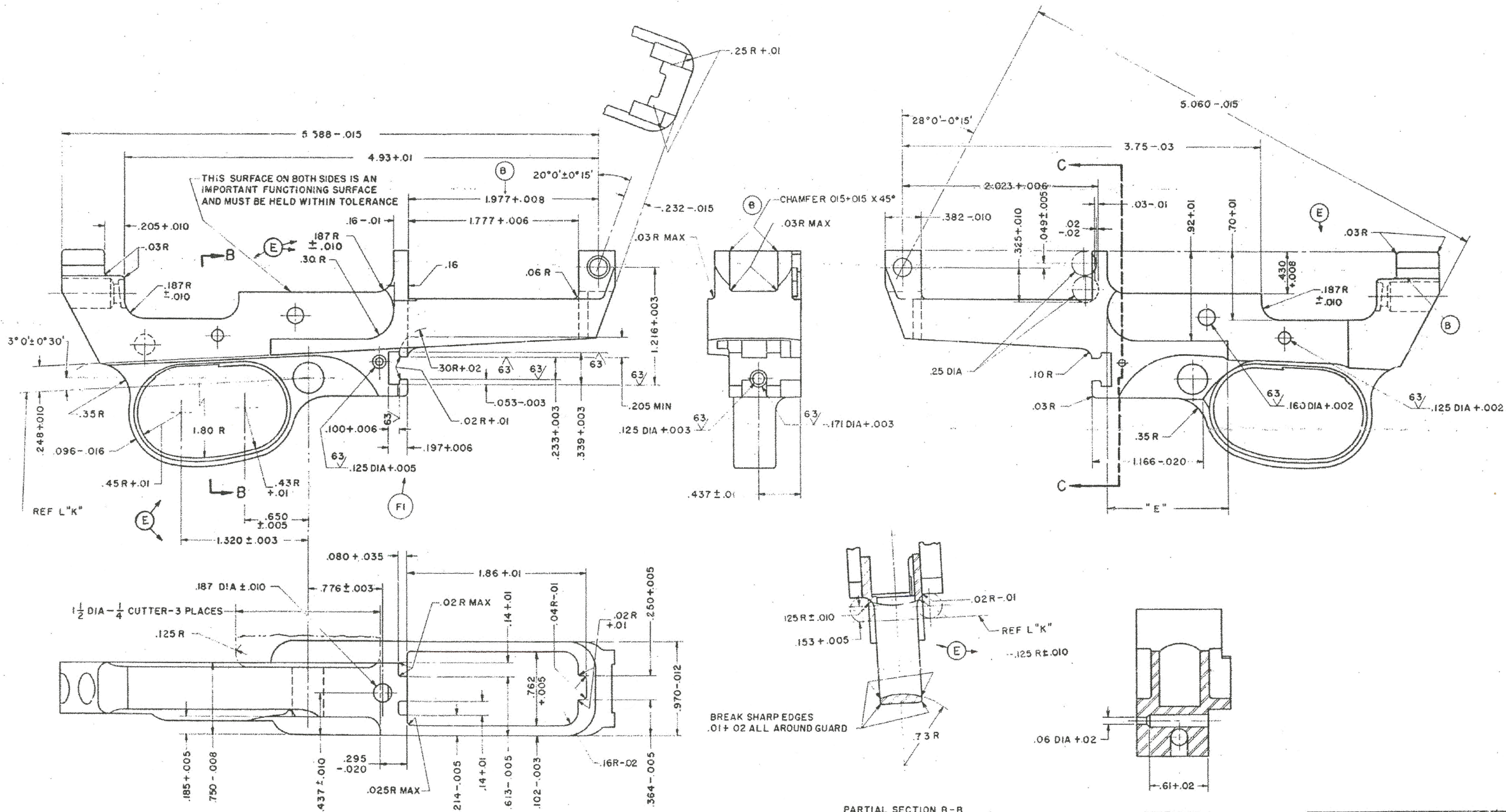
NOTICE: THIS DRAWING SHALL NOT BE USED OR REPRODUCED EITHER WHOLLY OR IN PART EXCEPT WHEN AUTHORIZED IN CONNECTION WITH UNITED STATES GOVERNMENT PROCUREMENT.

<p>(B)</p> <p>PHYSICAL PROPERTIES</p> <p>F7265694</p> <p>F7265695</p> <p>F7265696</p> <p>F7265697</p> <p>MI, MIAI, M2 & M3</p> <p>APPLICATION</p> <p>DO NOT APPLY PART NO.</p>		<p>ONLY OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</p> <p>TOLERANCES ON DECIMALS ±.01</p> <p>ANGLES FRACTIONS</p>		<p>ORIGINAL DATE OF DRAWING DEC. 10, 1941</p> <p>DRAFTSMAN G. L. G. CHECKER RHH</p> <p>TRACER M. M. CHECKER RHH</p> <p>EN. P. H. H. CHECKER RHH</p> <p>SUBMITTED</p> <p>APPROVED BY ORDER OF</p> <p>CHIEF OF ORDNANCE</p> <p>AT COL. ORDN. CORPS</p>		<p>GUIDE, OPERATING SLIDE SPRING</p> <p>FINISH ALL OVER 63</p> <p>SCALE 2/1</p> <p>UNIT WT .03</p>		<p>ORDNANCE CORPS</p> <p>DEPT OF THE ARMY</p> <p>6200985</p> <p>SHEET 1 OF 1</p>	
		<p>MATERIAL</p> <p>SEE NOTE</p> <p>HEAT TREATMENT</p> <p>SEE NOTE</p> <p>FINAL PROTECTIVE FINISH</p> <p>TYPE II CLASS A, SPEC USA 57-0-2</p>		<p>REVISIONS</p> <p>WAS CL. & DIV. 42-36-2, 42-41-2, 42-56-3 & 42-67-3</p> <p>A SUPERSEDES B6200985 WQC 3-31-52</p>					

C 6200985

NOTE: FOR OPTIONAL MANUFACTURE,
THESE CUTS MAY BE ENTIRE LENGTH.





- NOTE
1. STEEL, COMP IC-1050, SPEC MIL-S-22141 OR IRON, MALLEABLE, PEARLITIC CASTINGS SPEC MIL-I-11444, CLASS 3.
2. INSPECT ALL CASTINGS IN ACCORDANCE WITH SPEC MIL-C-6021, CLASS 1B, GRADE B.
3. RADIATION SOURCE SHALL BE PLACED IN THE CENTER OF EACH GROUP OF CASTINGS TO BE SIMULTANEOUSLY X-RAYED.

4. .125" ALL OVER EXCEPT AS NOTED.
5. FINISH 5.3.1.2 OR 5.3.2.2 OF MIL-STD-171.

NOT TO BE USED OR APPROVED BY THE ARMY OR THE NAVY EXCEPT WHEN AUTHORIZED BY CONNECTION WITH UNITED STATES GOVERNMENT PROCUREMENT

CODE IDENT
NO. 19204

PART NO. 7161828

6 (1) SEE EO 82119
7 (1) SEE EO RIA-13800-8
8 SEE EO NO. RIA-13748
9 SEE ECO NO. 25088
C WAS NO ALTERNATIVE
B* WAS CLASS 1-1978-006, 5-27-32
OMITTED, ADDED NOTE
A SUPERSEDES D7161828 W/C 3-31-32

06544005	CARBINE, CAL 30	SEE NOTE 1	NOV 20, 1944	HOUSING, TRIGGER
07161829	MILMIA, M2 & M3	SEE NOTE 5	2/1	7161828

REDUCED SIZE PRINT