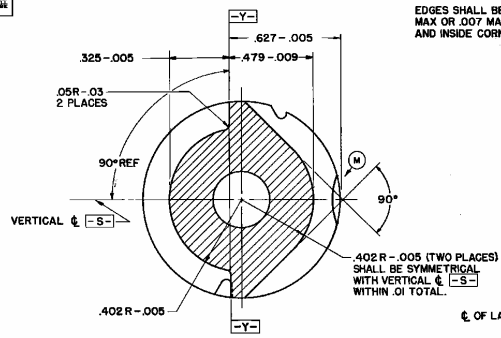
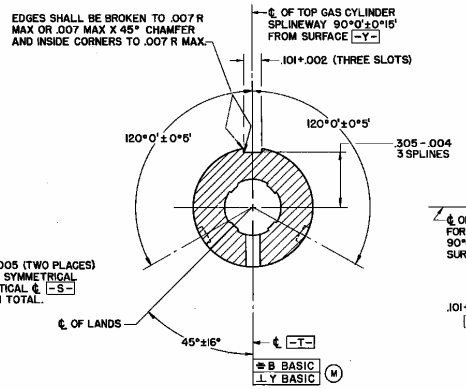
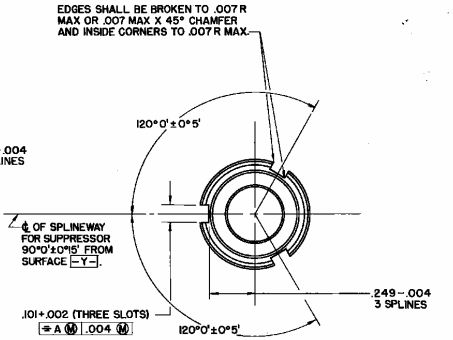


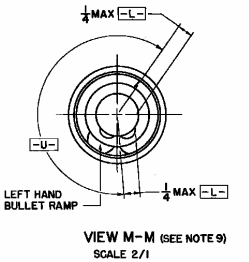
SECTION F-F
SCALE 4/1



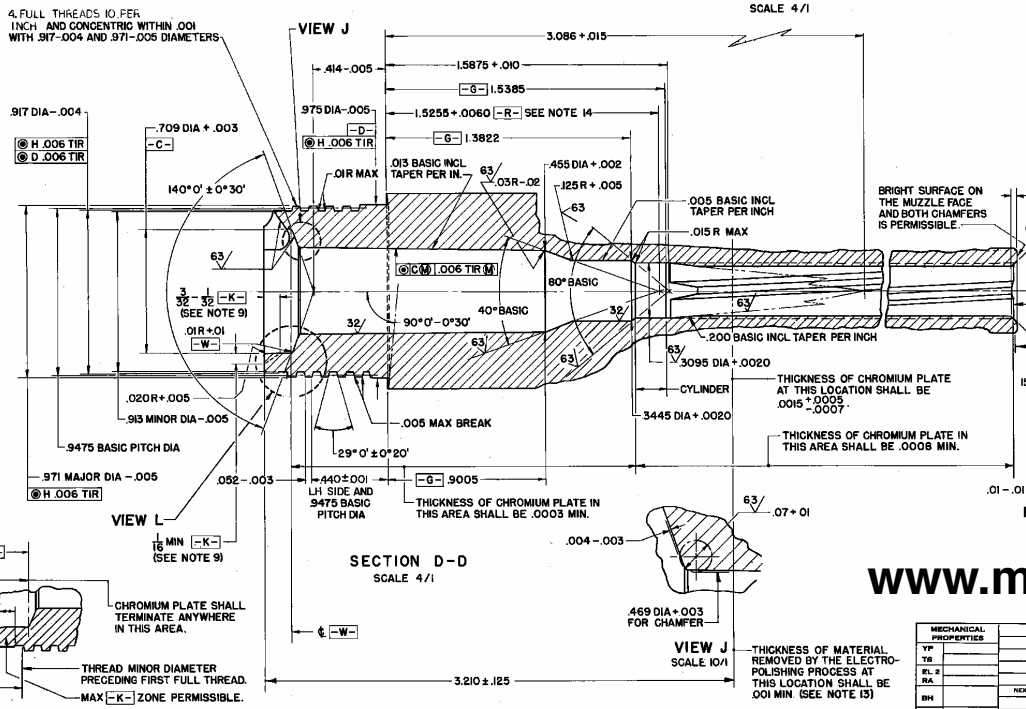
SECTION E-E
SCALE 4/1



VIEW H-H
SCALE 4/1



VIEW M-M (SEE NOTE 9)
SCALE 2/1



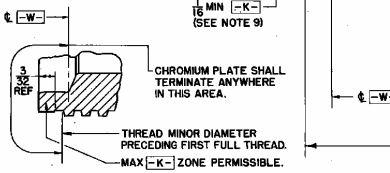
VIEW L
SCALE 4/1

SECTION D-D
SCALE 4/1

PARTIAL SECTION N-N (.670 - 20NS - 3A) Ⓜ
SCALE 10/1

ANY TAPER OF THE BORE AND/OR GROOVES SHALL RESULT IN A CONTINUALLY DIMINISHING DIAMETER TOWARDS THE MUZZLE, EXCEPT THAT FROM THE ORIGIN OF RIFLING TO WITHIN FOUR INCHES OF THE MUZZLE END, A VARIATION OF .0008 FROM A CONTINUALLY DIMINISHING DIAMETER IS PERMISSIBLE, AND WITHIN FOUR INCHES OF THE MUZZLE END, A VARIATION OF .0004 FROM A CONTINUALLY DIMINISHING DIAMETER IS PERMISSIBLE, PROVIDED THAT RESULTANT SURFACES REMAIN WITHIN OVERALL DIMENSIONAL LIMITS FOR BORE AND GROOVE DIAMETERS.

RIFLING SHALL CONSIST OF 4 GROOVES HAVING 1 TURN IN 12 INCHES RH.



VIEW L SCALE 4/1

VIEW J
SCALE 10/1

THICKNESS OF MATERIAL
REMOVED BY THE ELECTRO-
POLISHING PROCESS AT
THIS LOCATION SHALL BE
.001 MIN (SEE NOTE 13)

3.210 ± .125

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REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
K		11 APR 61	
L	REVISED AND REDRAWN SEE ECO SA 26904	11 MAR 63	
M$_A$	SEE ECO SA 27679	7 DEC 64	
N	SEE ECO 28240	11 MAR 68	
P	NOR W882022775-03-26	75-04-01	
R	NORW35205I / 840824 ECPW352072 / 851115 NONW552049 / 880827	860121	

MECHANICAL PROPERTIES			
YP			
TS			
EL 2			
RA			
BH			
RH			
SEE SHEET 1			

NEXT ASSY	USED ON	
APPLICATION		
DO NOT SCALE	APPLY PART NO AS SPECIFIED	SEE SHEET 1

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± 1/16 DECIMALS ± .01 ANGLES ± 1°
MATERIAL SEE SHEET 1
HEAT TREATMENT SEE SHEET 1
FINAL PROTECTIVE FINISH SEE SHEET 1

ORIGINAL DATE OF DRAWING	10 JUL 58
DRAFTSMAN	R.L.S
CHECKER	E.F.K.
TRACER	
CHECKER	
ENGINEER	
RECHECK	
SUBMITTED	
APPROVED	

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. 7790190

~~DEPT OF THE ARMY~~
~~ROCK ISLAND ARSENAL, ROCK ISLAND, ILL. 61201~~

BARREL

CODE IDENT NO	DWG SIZE	7790190
19200	F	
SCALE 1/1	UNIT WT	SHEET 2 OF 2