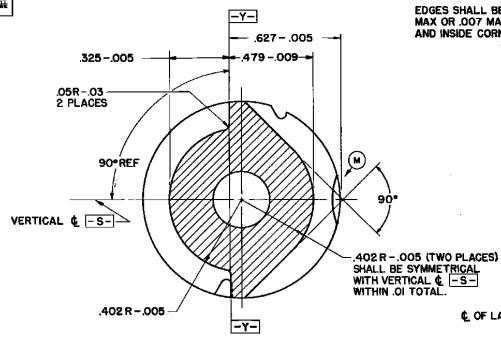
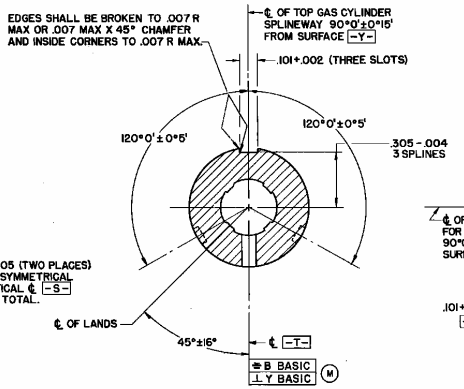
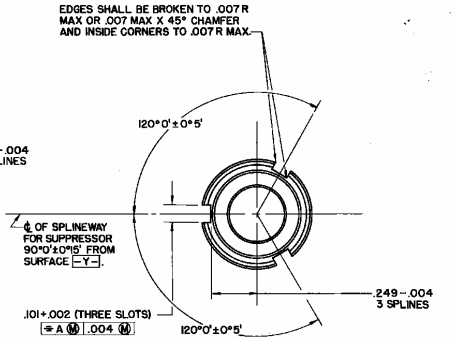


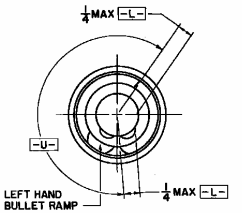
SECTION F-F
SCALE 4/1



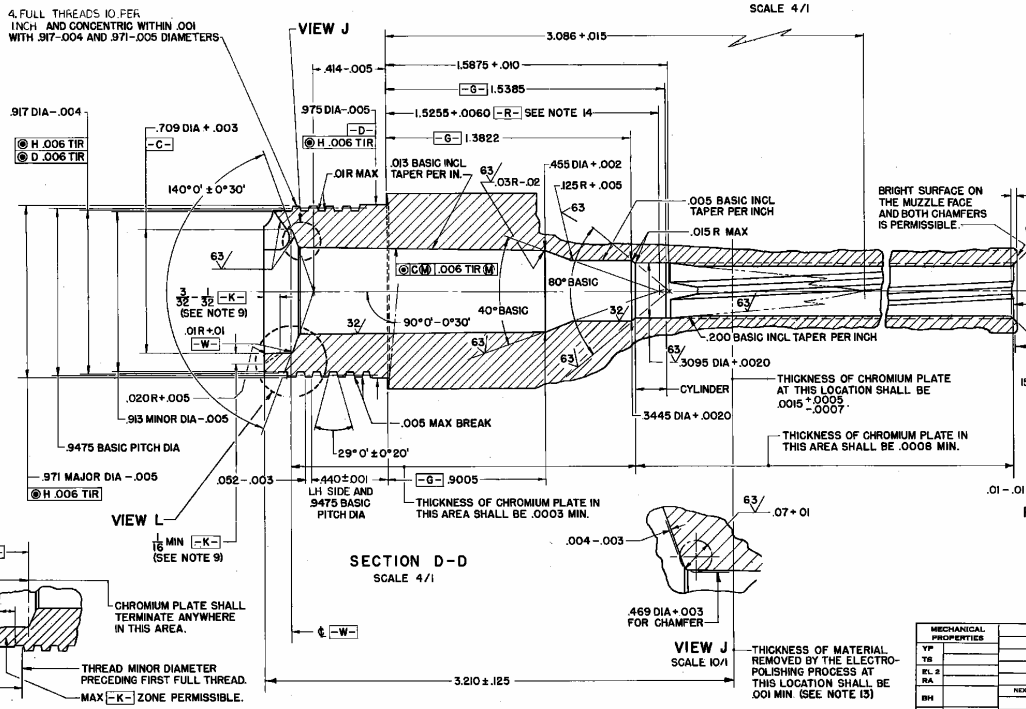
SECTION E-E
SCALE 4/1

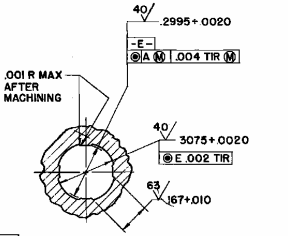


VIEW H-H
SCALE 4/1

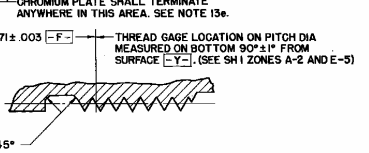


VIEW M-M (SEE NOTE 9)
SCALE 2/1





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



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.

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	NORW33205I / 840824 ECPW332072 / 831115 NONW332074 / 850627	860121	

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

NEXT ASSY | USED ON
APPLICATION
APPLY PART NO
SEE SHEET 1
DO | AS SPECIFIED

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON DECIMALS ± .01
FRACTIONS ± 1/16 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 [illegible] | CHECKER [illegible]
ENGINEER [illegible] | RECHECK [illegible]
SUBMITTED [illegible]
APPROVED [illegible]

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