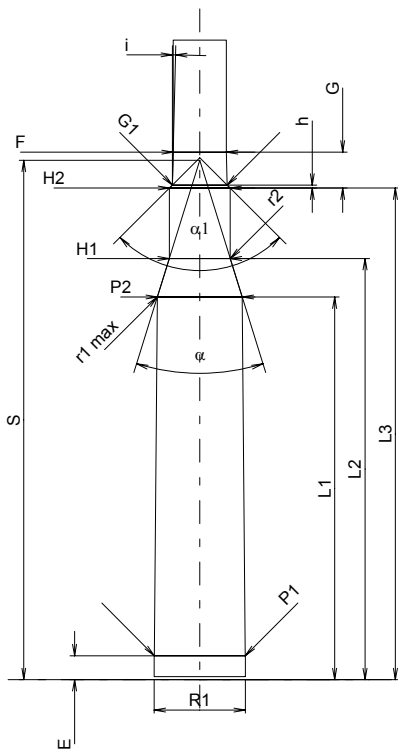
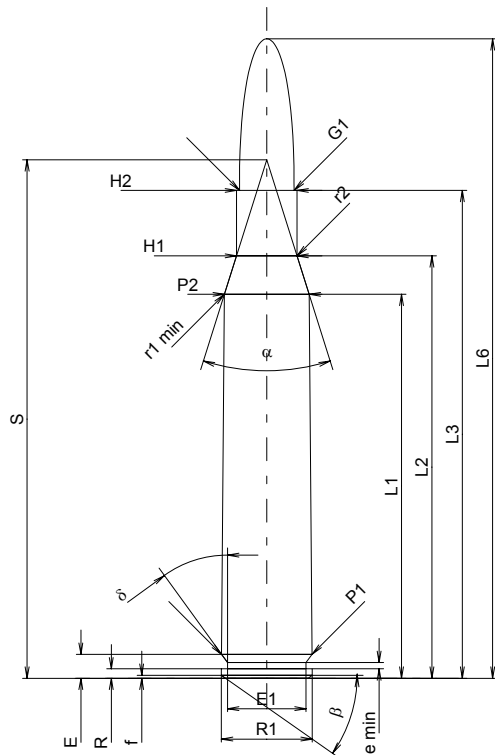


# C.I.P.

# 280 Rem.

TAB.	I
Date	84-06-14
Revision	02-05-15

Country of Origin: US



Scale 1:1

Dimensions in << mm >>  
Dimensions and Tolerances for Proof Barrels  
see Appendix CR 1.

### CARTRIDGE MAXI

#### Lengths

L1 <sup>1)</sup>	=	50.78	-0.20
L2 <sup>1)</sup>	=	55.87	-0.20
L3 <sup>1)</sup>	=	64.52	
L4	=		
L5	=		
L6	=	84.58	

#### Case Head

R	=	1.24
R1	=	12.01
R3	=	
E	=	3.17
E1	=	10.39
e min	=	0.84
delta	=	36°
f	=	0.38
beta	=	35°

#### Powder Chamber

P1	=	11.97	
P2 <sup>1)</sup> *	=	11.21	-0.20

#### Junction Cone

alpha*	=	35°
S*	=	68.56
r1 min	=	0.64
r2	=	2.54

#### Collar

H1*	=	8.00
H2 <sup>1)</sup>	=	8.00

#### Projectile

G1 <sup>1)</sup>	=	7.23
G2	=	
F	=	
L3+G <sup>1)</sup>	=	69.27

#### Pressures (Energies)

##### Method Transducer

Pmax	=	4050 bar
PK	=	4658 bar
PE	=	5060 bar
M	=	25.00
EE	=	3930 Joule

#### Miscellaneous Dimensions

Fe <sup>1)</sup>	=	0.10
delta L	=	0.14

### CHAMBER MINI

#### Lengths

L1	=	50.61
L2	=	55.70
L3 <sup>1)</sup>	=	65.02

#### Breech

R	=	
R1	=	12.06
R2	=	
R3	=	
r	=	

#### Powder Chamber

E	=	3.17
P1 <sup>1)</sup>	=	12.00
P2*	=	11.23

#### Junction Cone

alpha <sup>1)</sup> *	=	34°30'
S*	=	68.69
r1 max	=	0.64
r2	=	3.18

#### Collar

H1*	=	8.07
H2 <sup>1)</sup>	=	8.02

#### Commencement of Rifling

G1 <sup>1)</sup> *	=	7.25
G <sup>1)</sup>	=	4.75
alpha1*	=	90°
h	=	0.39
s	=	
i <sup>1)</sup> *	=	1°22'34"
w	=	

#### Barrel

F <sup>1)</sup> *	=	7.04
Z <sup>1)</sup>	=	7.21

#### Grooves

b	=	4.06
N	=	4
u	=	254.00
Q	=	40.39 mm <sup>2</sup>

Notes: 1) Check for safety reasons  
\* Basic dimensions