

C.I.P.

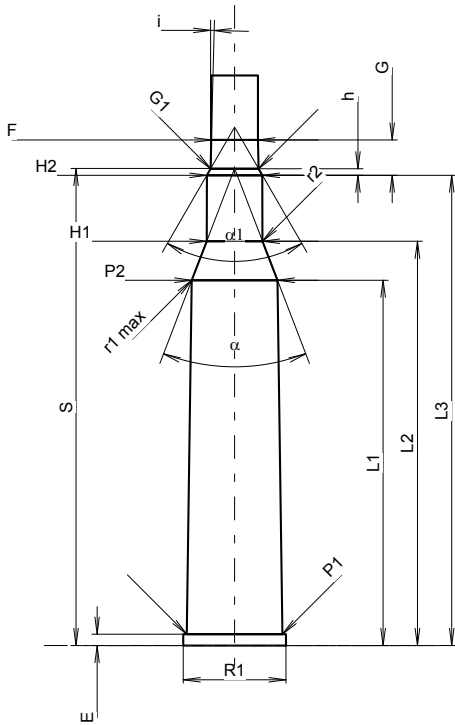
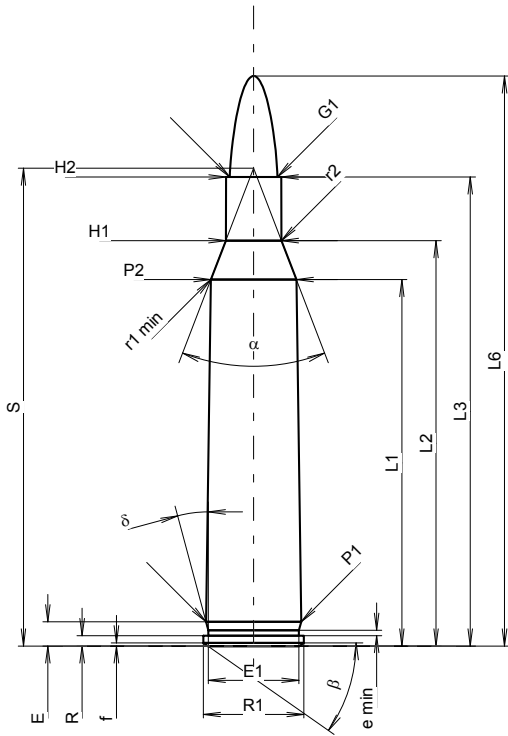
220 Swift

Country of Origin: US

TAB. I

Date 84-06-14

Revision 08-09-23



Scale 1.11:1

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

CARTRIDGE MAXI

Lengths

L1 ¹⁾	=	43.76	-0.20
L2 ¹⁾	=	48.41	-0.20
L3 ¹⁾	=	56.01	
L4	=		
L5	=		
L6	=	68.07	

Case Head

R	=	1.24	
R1	=	12.01	
R3	=		
E	=	2.89	
E1	=	10.82	
e min	=	0.64	
delta	=	15°	
f	=	0.38	
beta	=	35°	

Powder Chamber

P1	=	11.36	
P2 ¹⁾ *	=	10.21	-0.20

Junction Cone

alpha [*]	=	42°	
S [*]	=	57.06	
r1 min	=	0.76	
r2	=	2.54	

Collar

H1 [*]	=	6.64	
H2 ¹⁾	=	6.60	

Projectile

G1 ¹⁾	=	5.70	
G2	=		
F	=		
L3+G ¹⁾	=	60.22	

Pressures (Energies)

Method Transducer

Pmax	=	4300 bar	
PK	=	4945 bar	
PE	=	5375 bar	
M	=	25.00	
EE	=	2380 Joule	

Miscellaneous Dimensions

Fe ¹⁾³⁾	=	0.10	
delta L	=	0.10	

CHAMBER MINI

Lengths

L1	=	43.62	
L2	=	48.27	
L3 ¹⁾	=	56.16	

Breech

R	=	1.35	
R1	=	12.27	
R2	=		
R3	=		
r	=		

Powder Chamber

E	=	1.35	
P1 ¹⁾	=	11.43	
P2 [*]	=	10.24	

Junction Cone

alpha ^{1)*)}	=	42°	
S [*]	=	56.96	
r1 max	=	0.76	
r2	=	3.81	

Collar

H1 [*]	=	6.67	
H2 ¹⁾	=	6.63	

Commencement of Rifling

G1 ^{1)*)}	=	5.74	
G ¹⁾	=	4.21	
alpha 1	=	60°	
h [*]	=	0.77	
s	=		
i ^{1)*)}	=	1°30'	
w	=		

Barrel

F ^{1)*)}	=	5.56	
Z ¹⁾	=	5.69	

Grooves

b	=	1.88	
N	=	6	
u	=	356.00	
Q	=	25.03	mm ²

Notes: 1) Check for safety reasons
3) Headspace on Shoulder
* Basic dimensions