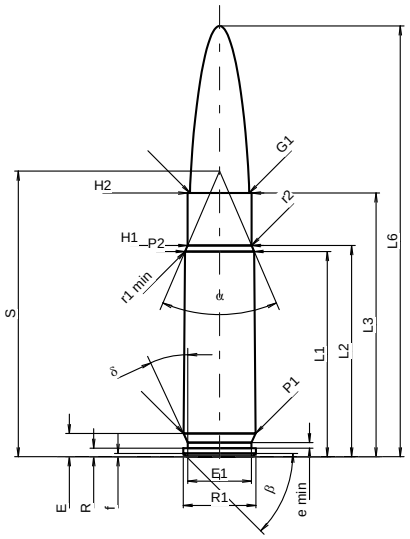
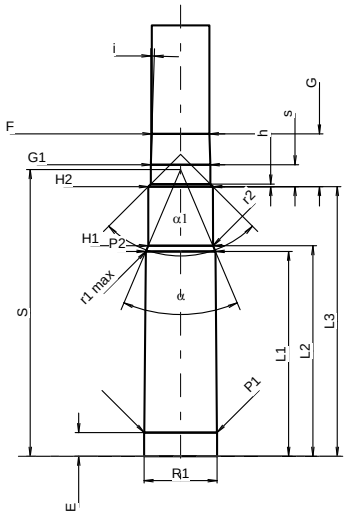
C.I.P.

300 Whisper

Country of Origin: US

TAB.	**I**
Date	**09-05-05**
Revision	**15-05-19**





Scale 1:1

CARTRIDGE MAXI

Lengths

L1 *1)*	=	27.15	-0.20
L2 *1)*	=	27.94	-0.20
L3 *1)*	=	34.90	
L4	=		
L5	=		
L6	=	57.00	

Case Head

R	=	1.14	
R1	=	9.60	
R3	=		
E	=	3.07	
E1	=	8.43	
e min	=	0.74	
δ	=	25°	
f	=	0.45	
β	=	45°	

Powder Chamber

P1	=	9.54	
P2 *1)**	=	9.14	-0.20

Junction Cone

α *	=	46°30'	
S *	=	37.78	
r1 min	=	0.80	
r2	=	0.80	

Collar

H1 *	=	8.46	
H2 *1)*	=	8.46	

Projectile

G1 *1)*	=	7.84	
G2	=		
F	=		
L3+G *1)*	=	41.88	

Pressures (Energies)
Method Transducer

Pmax	=	3700	bar
PK	=	4255	bar
PE	=	4625	bar
M	=	17.50	
EE	=	1100	Joule

Miscellaneous Dimensions

Fe *1)3)*	=	0.15	
delta L	=		

CHAMBER MINI

Lengths

L1	=	27.10
L2	=	27.85
L3 *1)*	=	35.67

Breech

R	=	
R1	=	9.66
R2	=	
R3	=	
r	=	

Powder Chamber

E	=	3.13
P1 *1)*	=	9.61
P2 *	=	9.20

Junction Cone

α *1)**	=	46°
S *	=	37.93
r1 max	=	0.50
r2	=	0.50

Collar

H1 *	=	8.56
H2 *1)*	=	8.54

Commencement of Rifling

G1 *1)**	=	7.87
G *1)*	=	6.98
α1	=	90°
h	=	0.34
s *	=	2.89
i *1)**	=	1°45'
w	=	

Barrel

F *1)**	=	7.62
Z *1)*	=	7.82

Grooves

b	=	2.20	
N	=	8	
u *	=	203.00	
Q	=	47.39	mm²

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

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