

**C.I.P.****5 mm /35 SMc**

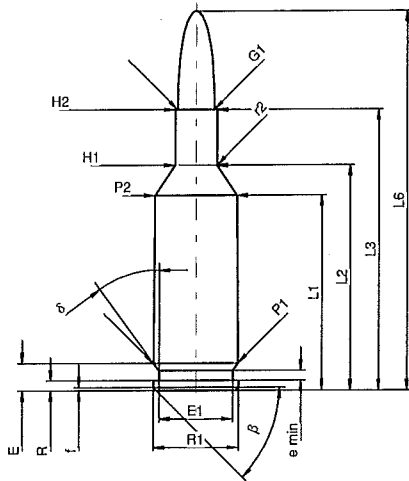
Country of Origin: US

TAB. I

Date 09-05-05

Revision

L	P	$\alpha$
27,51	11,60	46,36
27,99	11,15	53,24
28,52	10,62	58,00
29,03	10,02	63,38
29,54	9,23	69,58
30,05	8,60	76,90
30,56	7,73	85,86
31,06	6,66	97,34
31,57	5,97	105,84
31,72	5,92	R 0,32

**CARTRIDGE MAXI****Lengths**

L1 1)	=	27.51	-0.20
L2 1)	=	31.72	-0.20
L3 1)	=	39.52	
L4	=		
L5	=		
L6	=	53.34	

**Case Head**

R	=	1.37	
R1	=	12.01	
R3	=		
E	=	3.85	
E1	=	10.39	
e min	=	1.40	
$\delta$	=	36°	
f	=	0.40	
$\beta$	=	45°	

**Powder Chamber**

P1	=	11.96	
P2 1)*	=	11.60	-0.20

**Junction Cone**

$\alpha$	=		
S	=		
r1 min	=		
r2	=	0.32	

**Collar**

H1 *	=	5.95	
H2 1)	=	5.94	

**Projectile**

G1 1)	=	5.18	
G2	=		
F	=		
L3+G 1)	=	44.75	

**Pressures (Energies)****Method Transducer**

Pmax	=	4400 bar	
PK	=	5060 bar	
PE	=	5500 bar	
M	=	17.50	
EE	=	1650 Joule	

**Miscellaneous Dimensions**

Fe 1)3)	=	0.10	
delta L	=		

**CHAMBER MINI****Lengths**

L1	=	27.51	
L2	=	31.72	
L3 1)	=	39.65	

**Breech**

R	=		
R1	=	12.04	
R2	=		
R3	=		
r	=		

**Powder Chamber**

E	=	3.85	
P1 1)	=	11.99	
P2 *	=	11.63	

**Junction Cone**

$\alpha$	=		
S	=		
r1 max	=		
r2	=	0.32	

**Collar**

H1 *	=	5.97	
H2 1)	=	5.97	

**Commencement of Rifling**

G1 1)*	=	5.19	
G 1)	=	3.43	
$\alpha 1$	=	90°	
h	=	0.38	
s *	=	0.76	
i 1)*	=	1°30'	
w	=		

**Barrel**

F 1)*	=	5.05	
Z 1)	=	5.18	

**Grooves**

b	=	1.30	
N	=	6	
u	=	305.00	
Q	=	20.54	mm <sup>2</sup>

Scale 1:1

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