

# C.I.P.

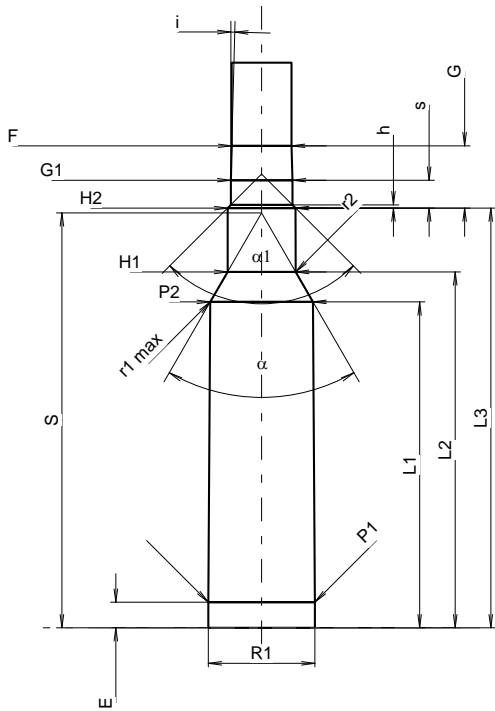
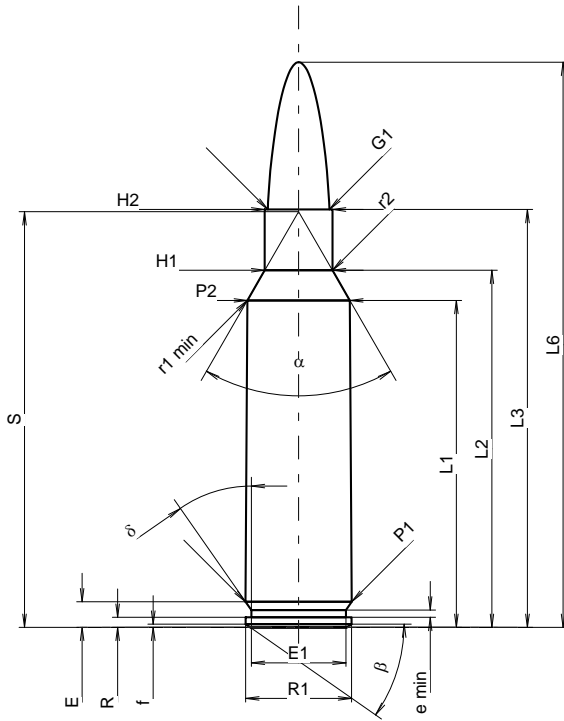
## 300 RCM

Country of Origin: US

TAB. I

Date 10-05-26

Revision 11-05-25



Scale 1.04:1

### CARTRIDGE MAXI

#### Lengths

L1 <sup>1)</sup>	=	41.74	-0.20
L2 <sup>1)</sup>	=	45.58	-0.20
L3 <sup>1)</sup>	=	53.34	
L4	=		
L5	=		
L6	=	72.14	

#### Case Head

R	=	1.27	
R1	=	13.51	
R3	=		
E	=	3.27	
E1	=	12.07	
e min	=	0.94	
delta	=	35°	
f	=	0.41	
beta	=	35°	

#### Powder Chamber

P1	=	13.55	
P2 <sup>1)</sup> *	=	13.08	-0.20

#### Junction Cone

alpha *	=	60°	
S *	=	53.06	
r1 min	=	1.27	
r2	=	3.18	

#### Collar

H1 *	=	8.64	
H2 <sup>1)</sup>	=	8.64	

#### Projectile

G1 <sup>1)</sup> *	=	7.85	
G2	=		
F	=		
L3+G <sup>1)</sup>	=	61.29	

#### Pressures (Energies)

#### Method Transducer

Pmax	=	4400 bar	
PK	=	5060 bar	
PE	=	5500 bar	
M	=	25.00	
EE	=	4900 Joule	

#### Miscellaneous Dimensions

Fe <sup>1)3)</sup>	=	0.10	
delta L	=	0.10	

### CHAMBER MINI

#### Lengths

L1	=	41.61	
L2	=	45.44	
L3 <sup>1)</sup>	=	53.59	

#### Breech

R	=		
R1	=	13.62	
R2	=		
R3	=		
r	=		

#### Powder Chamber

E	=	3.27	
P1 <sup>1)</sup>	=	13.62	
P2 *	=	13.11	

#### Junction Cone

alpha <sup>1)</sup> *	=	60°	
S *	=	52.97	
r1 max	=	0.76	
r2	=	3.18	

#### Collar

H1 *	=	8.69	
H2 <sup>1)</sup>	=	8.66	

#### Commencement of Rifling

G1 <sup>1)</sup> *	=	7.85	
G <sup>1)</sup>	=	7.95	
alpha l	=	90°	
h	=	0.41	
s	=	3.56	
i <sup>1)</sup> *	=	1°30'	
w	=		

#### Barrel

F <sup>1)</sup> *	=	7.62	
Z <sup>1)</sup>	=	7.82	

#### Grooves

b	=	2.79	
N	=	6	
u	=	254.00	
Q	=	47.32	mm <sup>2</sup>

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