

C.I.P.

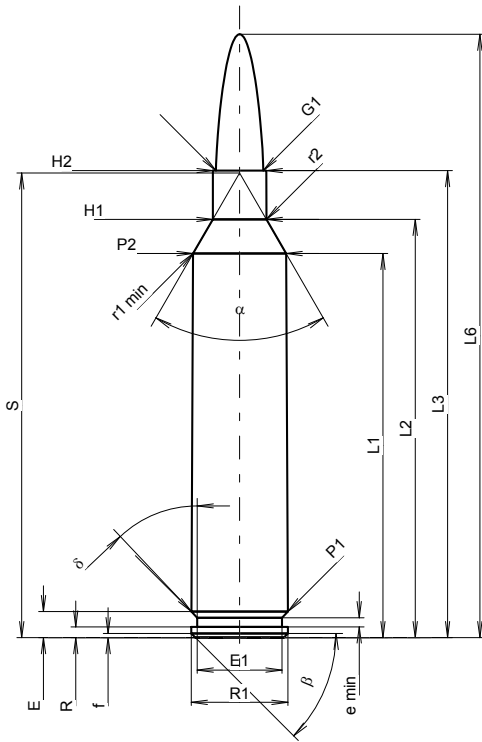
7,21 Firebird

Country of Origin: FI

TAB. I

Date 02-01-22

Revision 08-09-23



CARTRIDGE MAXI

Lengths

L1 ^{1)*}	=	58.70	-0.20
L2 ^{1)*}	=	63.91	-0.20
L3 ¹⁾	=	71.37	
L4	=		
L5	=		
L6	=	92.20	

Case Head

R	=	1.65	
R1	=	14.76	
R3	=		
E	=	3.99	
E1	=	12.95	
e min	=	1.40	
delta	=	45°	
f	=	0.64	
beta	=	45°	

Powder Chamber

P1	=	14.73	
P2 ^{1)*}	=	14.22	-0.20

Junction Cone

alpha	=	60°01'59"	
S	=	71.01	
r1 min	=	1.57	
r2	=	3.18	

Collar

H1 *	=	8.20	
H2 ¹⁾	=	8.15	

Projectile

G1 ¹⁾	=	7.24	
G2	=		
F	=		
L3+G ¹⁾	=	76.46	

Pressures (Energies)

Method Transducer

Pmax	=	4400 bar	
PK	=	5060 bar	
PE	=	5500 bar	
M	=	25.00	
EE	=	6375 Joule	

Miscellaneous Dimensions

Fe ¹⁾³⁾	=	0.10	
delta L	=	0.05	

CHAMBER MINI

Lengths

L1 *	=	58.58	
L2 *	=	63.81	
L3 ¹⁾	=	71.63	

Breech

R	=		
R1	=	14.81	
R2	=		
R3	=		
r	=		

Powder Chamber

E	=	3.99	
P1 ¹⁾	=	14.78	
P2 *	=	14.30	

Junction Cone

alpha ¹⁾	=	60°00'27"	
S	=	70.96	
r1 max	=	1.57	
r2	=	3.18	

Collar

H1 *	=	8.26	
H2 ¹⁾	=	8.20	

Commencement of Rifling

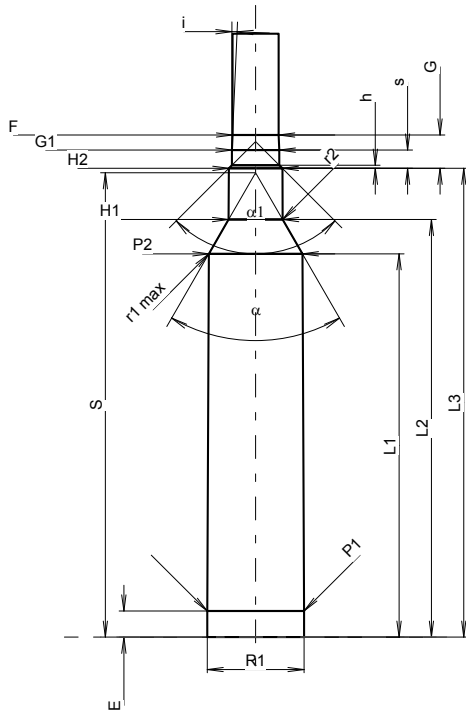
G1 ^{1)*}	=	7.24	
G ^{1)*}	=	5.09	
alpha1	=	90°	
h	=	0.48	
s *	=	2.80	
i ¹⁾	=	2°30'01"	
w	=		

Barrel

F ^{1)*}	=	7.04	
Z ¹⁾	=	7.21	

Grooves

b	=	4.06	
N	=	4	
u	=	254.00	
Q	=	40.39	mm ²



Scale 1:1.15

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