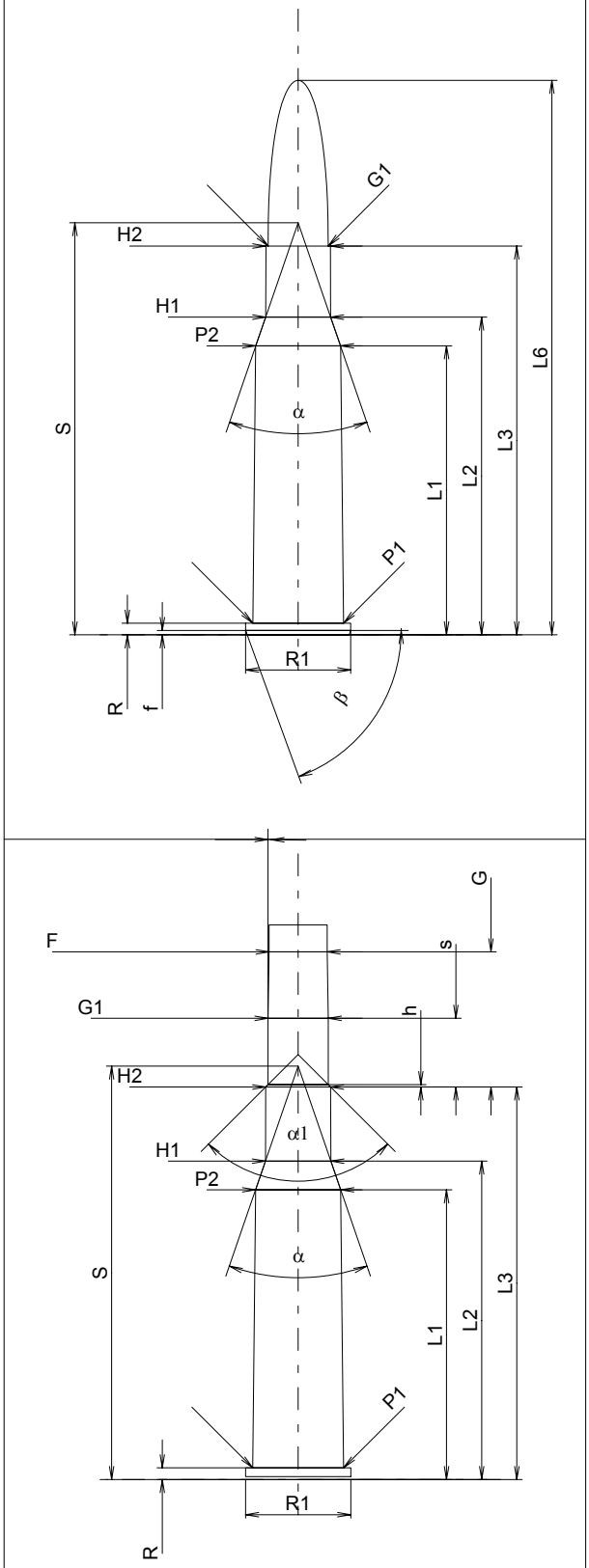
C.I.P.	8,2 x 53 R Country of Origin: FI	TAB. II Date 95-03-09 Revision 02-05-15



Scale 1:1

CARTRIDGE MAXI

Lengths

L1 *	=	39.61
L2 *	=	43.55
L3 1)	=	53.30
L4	=	
L5	=	
L6	=	76.00

Case Head

R 1)	=	1.60	-0.25
R1	=	14.40	
R3	=		
E	=		
E1	=		
e min	=		
δ	=		
f	=	0.60	
β	=	70°	

Powder Chamber

P1	=	12.42
P2 *	=	11.61

Junction Cone

α	=	37°57'24"
S	=	56.49
r1 min	=	
r2	=	

Collar

H1 *	=	8.90
H2 1)	=	8.82

Projectile

G1 1)	=	8.22
G2	=	
F	=	
L3+G 1)	=	71.82

Pressures (Energies)
Method Transducer

Pmax	=	3400	bar
PK	=	3910	bar
PE	=	4250	bar
M	=	25.00	
EE	=	4040	Joule

Miscellaneous Dimensions

Fe 1)	=	0.15
delta L	=	

CHAMBER MINI

Lengths

L1 *	=	39.70
L2 *	=	43.64
L3 1)	=	53.80

Breech

R 1)	=	1.60
R1	=	14.43
R2	=	
R3	=	
r	=	

Powder Chamber

E	=	
P1 1)	=	12.45
P2 *	=	11.67

Junction Cone

α	=	37°57'25"
S	=	56.67
r1 max	=	
r2	=	

Collar

H1 *	=	8.96
H2 1)	=	8.91

Commencement of Rifling

G1 1)*	=	8.27
G 1)*	=	18.52
α1	=	90°
h	=	0.32
s *	=	9.42
i 1)	=	0°58'32"
w	=	

Barrel

F 1)*	=	7.96
Z 1)	=	8.20

Grooves

b	=	3.75	
N	=	4	
u	=	254.00	
Q	=	51.64	mm²

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

Notes: 1) Check for safety reasons
* Basic dimensions