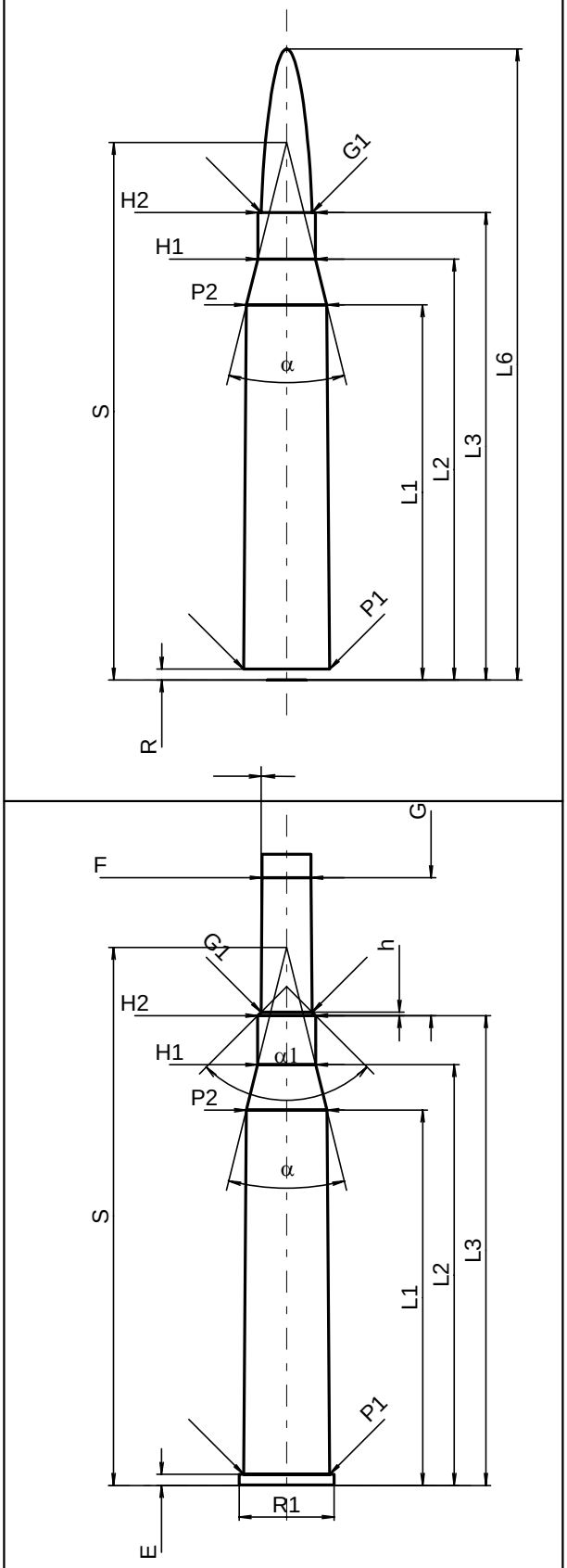
C.I.P.	7 x 67 R Luyven Country of Origin: DE	TAB. II Date 06-05-16 Revision



Scale 1:1

CARTRIDGE MAXI

Lengths

L1	=	53.53	
L2	=	60.05	
L3 1)	=	66.70	
L4	=		
L5	=		
L6	=	90.00	

Case Head

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

Powder Chamber

P1	=	12.27
P2 *	=	11.47

Junction Cone

α *	=	27°49'24"
S *	=	76.68
r1 min	=	
r2	=	

Collar

H1 *	=	8.24
H2 1)	=	8.24

Projectile

G1 1)*	=	7.25
G2	=	
F	=	
L3+G 1)	=	86.38

Pressures (Energies)
Method Transducer

Pmax	=	3800	bar
PK	=	4370	bar
PE	=	4750	bar
M	=	25.00	
EE	=	3800	Joule

Miscellaneous Dimensions

Fe 1)	=	0.15
delta L	=	

CHAMBER MINI

Lengths

L1	=	53.50
L2	=	60.00
L3 1)	=	67.00

Breech

R 1)	=	1.60
R1	=	13.55
R2	=	
R3	=	
r	=	

Powder Chamber

E	=	1.60
P1	=	12.30
P2 *	=	11.50

Junction Cone

α *	=	27°49'24"
S *	=	76.71
r1 max	=	
r2	=	

Collar

H1 *	=	8.28
H2 1)	=	8.27

Commencement of Rifling

G1 1)*	=	7.30
G 1)	=	19.68
α1	=	90°
h *	=	0.49
s	=	
i *	=	0°28'39"
w	=	

Barrel

F 1)*	=	6.98
Z 1)	=	7.24

Grooves

b	=	3.70	
N	=	4	
u	=	228.00	
Q	=	40.29	mm²

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

Notes: 1) Check for safety reasons
* Basic dimensions