

C.I.P.

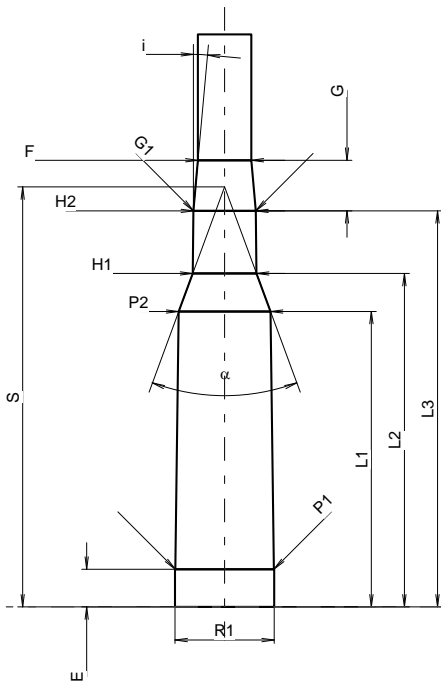
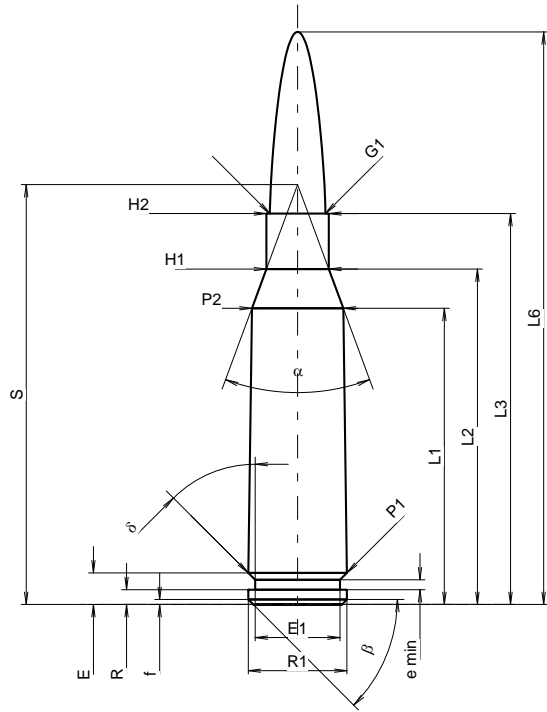
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Country of Origin: DE

TAB. I

Date 92-02-27

Revision 11-05-25



Scale 1.31:1

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

CARTRIDGE MAXI

Lengths

L1 ¹⁾ *	=	30.00	-0.20
L2 ¹⁾ *	=	33.97	-0.20
L3 ¹⁾	=	39.60	
L4	=		
L5	=		
L6	=	58.00	

Case Head

R	=	1.50	
R1	=	10.00	
R3	=		
E	=	3.20	
E1	=	8.60	
e min	=	1.00	
delta	=	45°	
f	=	0.50	
beta	=	45°	

Powder Chamber

P1	=	10.00	
P2 ¹⁾ *	=	9.25	-0.20

Junction Cone

alpha	=	40°30'36"	
S	=	42.53	
r1 min	=		
r2	=		

Collar

H1 *	=	6.32	
H2 ¹⁾	=	6.32	

Projectile

G1 ¹⁾	=	5.64	
G2	=		
F	=		
L3+G ¹⁾	=	44.72	

Pressures (Energies)

Method Transducer

Pmax	=	3800 bar	
PK	=	4370 bar	
PE	=	4750 bar	
M	=	17.50	
EE	=	1505 Joule	

Miscellaneous Dimensions

Fe ¹⁾³⁾	=	0.15	
delta L	=		

Notes: 1) Check for safety reasons
3) Headspace on Shoulder
* Basic dimensions

CHAMBER MINI

Lengths

L1 *	=	29.93	
L2 *	=	33.78	
L3 ¹⁾	=	40.13	

Breech

R	=	1.50	
R1	=	10.05	
R2	=		
R3	=		
r	=		

Powder Chamber

E	=	3.83	
P1 ¹⁾	=	10.00	
P2 *	=	9.30	

Junction Cone

alpha ¹⁾	=	40°29'27"	
S	=	42.54	
r1 max	=		
r2	=		

Collar

H1 *	=	6.46	
H2 ¹⁾	=	6.33	

Commencement of Rifling

G1 ¹⁾ *	=	6.33	
G ¹⁾ *	=	5.12	
alpha l	=	180°	
h	=		
s	=		
i ¹⁾	=	5°11'21"	
w	=		

Barrel

F ¹⁾ *	=	5.40	
Z ¹⁾	=	5.60	

Grooves

b	=	1.81	
N	=	6	
u	=	214.00	
Q	=	24.01	mm ²