CARTRIDGE MAXI

Lengths

L1	=		
L2	=		
L3 [1]	=	19.51	-0.25
L4	=		
L5	=		
L6	=	29.03	

Case Head

R	=	1.19
R1	=	9.96
R3	=	
E	=	3.14
E1	=	8.79
e min	=	1.14
δ	=	35°
f	=	0.30
β	=	55°

Powder Chamber

P1	=	9.93
P2	=	

Junction Cone

α	=	
S	=	
r1 min	=	
r2	=	

Collar

H1	=	
H2 [1]	=	9.75

Projectile

G1 [1]	=	7.72
G2	=	
F	=	
L3+G [1]	=	22.69

Pressures (Energies)
Method Transducer

Pmax	=	350	bar
PK	=	403	bar
PE	=	455	bar
M	=	12.50	

Miscellaneous Dimensions

Fe [1]	=	0.30
delta L	=	

CHAMBER MINI

Lengths

L1	=	
L2	=	14.00
L3 [1]	=	19.51

Breech

R	=	
R1	=	9.96
R2	=	
R3	=	
r	=	

Powder Chamber

E	=	3.14
P1 [1]	=	9.94
P2 *	=	

Junction Cone

α	=	
S	=	
r1 max	=	
r2	=	

Collar

H1	=	9.86
H2 [1]	=	9.82

Commencement of Rifling

G1 [1]*	=	7.87
G [1]	=	3.18
α1 *	=	180°
h	=	
s	=	
i [1]*	=	2°31'15"
w	=	

Barrel

F [1]*	=	7.59
Z [1]	=	7.81

Grooves

b	=	1.02	
N	=	6	
u	=	254.00	
Q	=	45.92	mm²

Scale 1.5:1

Notes: 1) Check for safety reasons
* Basic dimensions

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