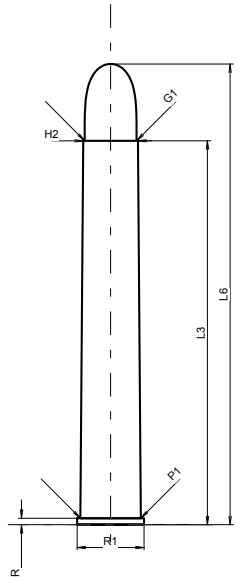
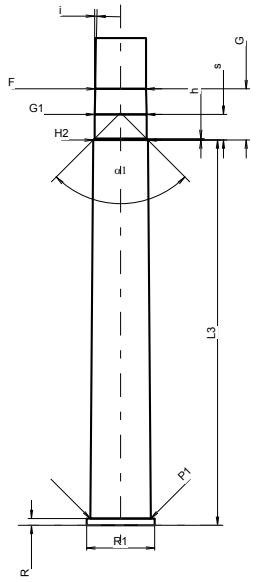
C.I.P.	400 Purdey 3"	TAB.	II
		Date	84-06-14
	Country of Origin: GB	Revision	07-05-14





Scale 1:1.5

CARTRIDGE MAXI

Lengths

L1	=	
L2	=	
L3 1)	=	76.20
L4	=	
L5	=	
L6	=	91.44

Case Head

R 1)	=	1.32
R1	=	13.26
R3	=	
E	=	
E1	=	
e min	=	
δ	=	
f	=	
β	=	

Powder Chamber

P1	=	11.99
P2	=	

Junction Cone

α	=	
S	=	
r1 min	=	
r2	=	

Collar

H1	=	
H2 1)	=	10.85

Projectile

G1 1)	=	10.29
G2	=	
F	=	
L3+G 1)	=	86.36

Pressures (Energies)
Method Transducer

Pmax	=	2400	bar
PK	=	2760	bar
PE	=	3000	bar
M	=	25.00	
EE	=	3300	Joule

Miscellaneous Dimensions

Fe 1)4)	=	0.15
delta L	=	

CHAMBER MINI

Lengths

L1	=	
L2	=	
L3 1)	=	76.45

Breech

R 1)	=	1.35
R1	=	13.51
R2	=	
R3	=	
r	=	

Powder Chamber

E	=	
P1 1)	=	12.01
P2	=	

Junction Cone

α	=	
S	=	
r1 max	=	
r2	=	

Collar

H1	=	
H2 1)	=	10.87

Commencement of Rifling

G1 1)*	=	10.33	
G 1)	=	10.16	
α1 *	=	90°	
h	=	0.27	
s	=	5.08	
i 1)*	=	1°24'34"	
w	=		

Barrel

F 1)*	=	10.08	
Z 1)	=	10.33	

Grooves

b	=	3.56	
N	=	7	
u	=	381.00	
Q	=	82.98	mm²

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

Notes:
1) Check for safety reasons
4) Headspace on Rim
* Basic dimensions