

C.I.P.**318 Riml. N.E.**

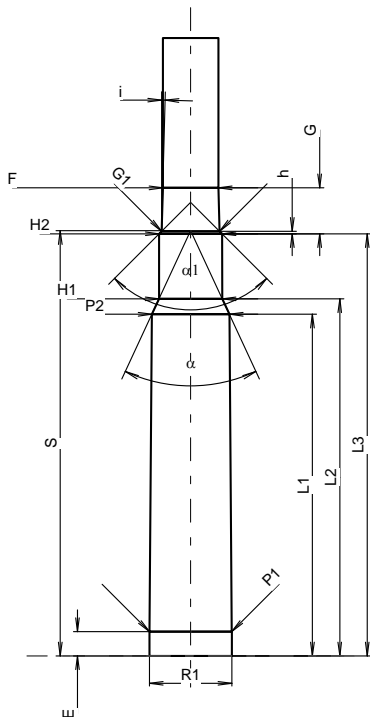
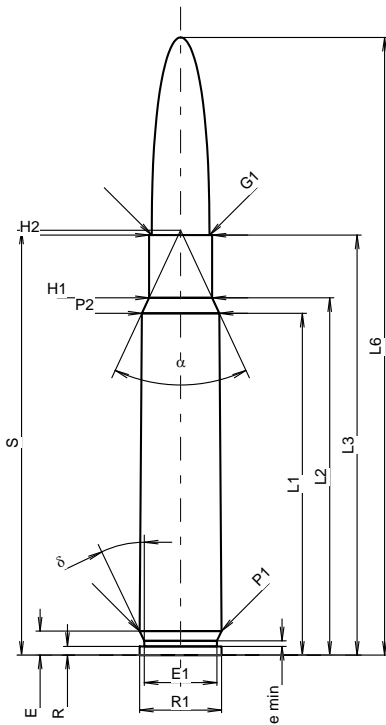
TAB. I

Date 84-06-14

Country of Origin: GB

Revision 20-04-21

Alternative Names: 318 Westley Richards



Scale 1:1.1

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

CARTRIDGE MAXI**Lengths**

L1 ¹⁾ *	=	49.63	-0.20
L2 ¹⁾ *	=	51.87	-0.20
L3 ¹⁾	=	60.96	
L4	=		
L5	=		
L6	=	89.66	

Case Head

R	=	1.27	
R1	=	11.89	
R3	=		
E	=	3.51	
E1	=	10.52	
e min	=	0.81	
delta	=	25°36'	
f	=		
beta	=		

Powder Chamber

P1	=	11.89	
P2 ¹⁾ *	=	11.23	-0.20

Junction Cone

alpha	=	50°01'10"	
S	=	61.67	
r1 min	=		
r2	=		

Collar

H1 *	=	9.14	
H2 ¹⁾	=	9.12	

Projectile

G1 ¹⁾	=	8.38	
G2	=		
F	=		
L3+G ¹⁾	=	67.63	

Pressures (Energies)**Method Transducer**

Pmax	=	3300 bar	
PK	=	3795 bar	
PE	=	4125 bar	
M	=	25.00	
EE	=	4550 Joule	

Miscellaneous Dimensions

Fe ¹⁾³⁾	=	0.15	
delta L	=	0.03	

CHAMBER MINI**Lengths**

L1 *	=	49.58	
L2 *	=	51.82	
L3 ¹⁾	=	61.26	

Breech

R	=	1.27	
R1	=	11.94	
R2	=		
R3	=		
r	=		

Powder Chamber

E	=	3.51	
P1 ¹⁾	=	11.91	
P2 *	=	11.25	

Junction Cone

alpha ¹⁾	=	49°48'34"	
S	=	61.70	
r1 max	=		
r2	=		

Collar

H1 *	=	9.17	
H2 ¹⁾	=	9.14	

Commencement of Rifling

G1 ¹⁾ *	=	8.40	
G ¹⁾ *	=	6.67	
alpha1	=	90°	
h *	=	0.37	
s	=		
i ¹⁾	=	1°30'01"	
w	=		

Barrel

F ¹⁾ *	=	8.07	
Z ¹⁾	=	8.38	

Grooves

b	=	2.76	
N	=	6	
u	=	304.80	
Q	=	53.77	mm ²

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