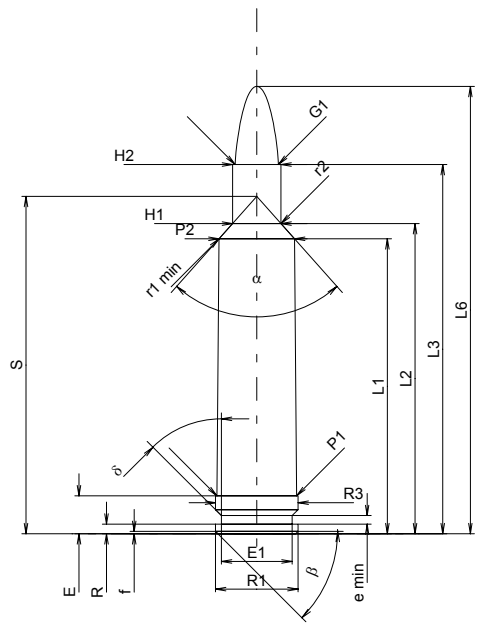
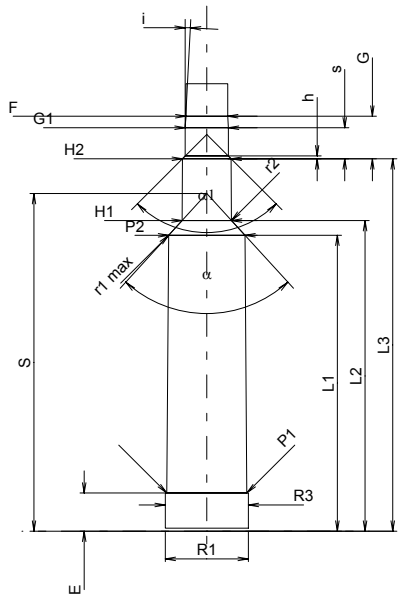
C.I.P.

224 Weath. Mag.

Country of Origin: US

TAB.	**III**
Date	**84-06-14**
Revision	**02-05-15**





Scale 1:1

CARTRIDGE MAXI

Lengths

L1	=	39.01	
L2	=	41.03	
L3 [1)]	=	48.84	
L4	=		
L5	=		
L6	=	59.18	

Case Head

R	=	1.27	
R1	=	10.91	
R3	=	10.91	
E [1)]	=	5.03	-0.20
E1	=	9.37	
e min	=	1.14	
δ	=	45°	
f	=	0.31	
β	=	45°	

Powder Chamber

P1	=	10.54	
P2 *	=	10.01	

Junction Cone

α *	=	83°26'17"	
S *	=	44.62	
r1 min	=	3.30	
r2	=	3.83	

Collar

H1 *	=	6.40	
H2 [1)]	=	6.40	

Projectile

G1 [1)]	=	5.70	
G2	=		
F	=		
L3+G [1)]	=	54.48	

Pressures (Energies)
Method Transducer

Pmax	=	4400	bar
PK	=	5060	bar
PE	=	5500	bar
M	=	25.00	
EE	=	2310	Joule

Miscellaneous Dimensions

Fe [1)]	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=	39.14
L2	=	41.09
L3 [1)]	=	49.25

Breech

R	=	
R1	=	10.97
R2	=	
R3	=	10.97
r	=	

Powder Chamber

E [1)]	=	5.05
P1 [1)]	=	10.59
P2 *	=	10.09

Junction Cone

α *	=	84°57'03"
S *	=	44.65
r1 max	=	3.05
r2	=	3.83

Collar

H1 *	=	6.52
H2 [1)]	=	6.45

Commencement of Rifling

G1 [1)*]	=	5.70
G [1)]	=	5.64
α1 *	=	90°
h	=	0.38
s	=	4.11
i [1)*]	=	3°
w	=	

Barrel

F [1)*]	=	5.54
Z [1)]	=	5.69

Grooves

b	=	1.80	
N	=	6	
u	=	356.00	
Q	=	24.93	mm²

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

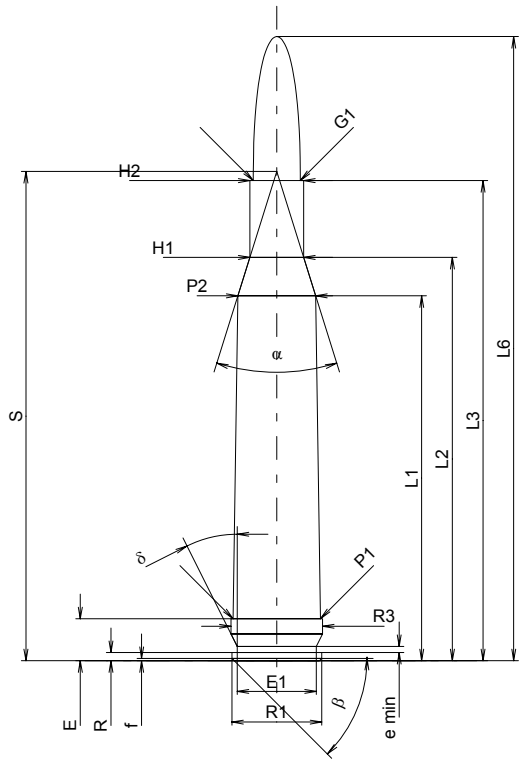
Notes: 1) Check for safety reasons
* Basic dimensions

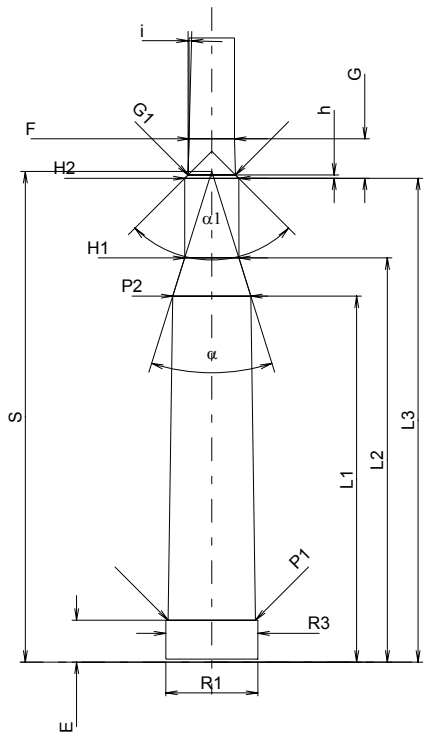
C.I.P.

240 Belt. Riml. N.E.

Country of Origin: GB

TAB.	**III**
Date	**84-06-14**
Revision	**02-05-15**





Scale 1:1

CARTRIDGE MAXI

Lengths

L1 *	=	48.26	
L2 *	=	53.34	
L3 1)	=	63.50	
L4	=		
L5	=		
L6	=	82.55	

Case Head

R	=	1.09	
R1	=	11.89	
R3	=	12.12	
E 1)	=	5.56	-0.20
E1	=	10.46	
e min	=	0.81	
δ	=	26°34'12"	
f	=	0.30	
β	=	45°	

Powder Chamber

P1	=	11.56	
P2 *	=	10.29	

Junction Cone

α	=	34°45'33"	
S	=	64.70	
r1 min	=		
r2	=		

Collar

H1 *	=	7.11	
H2 1)	=	7.11	

Projectile

G1 1)	=	6.22	
G2	=		
F	=		
L3+G 1)	=	68.71	

Pressures (Energies)
Method Transducer

Pmax	=	3300	bar
PK	=	3795	bar
PE	=	4125	bar
M	=	25.00	
EE	=	2625	Joule

Miscellaneous Dimensions

Fe 1)	=	0.15	
delta L	=		

CHAMBER MINI

Lengths

L1 *	=	48.41	
L2 *	=	53.46	
L3 1)	=	64.00	

Breech

R	=		
R1	=	12.17	
R2	=		
R3	=	12.17	
r	=		

Powder Chamber

E 1)	=	5.56	
P1 1)	=	11.56	
P2 *	=	10.32	

Junction Cone

α	=	34°44'49"	
S	=	64.90	
r1 max	=		
r2	=		

Collar

H1 *	=	7.16	
H2 1)	=	7.14	

Commencement of Rifling

G1 1)*	=	6.27	
G 1)*	=	5.21	
α1	=	90°	
h *	=	0.44	
s	=		
i 1)	=	1°30'04"	
w	=		

Barrel

F 1)*	=	6.02	
Z 1)	=	6.22	

Grooves

b	=	3.50	
N	=	4	
u	=	203.00	
Q	=	29.95	mm²

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

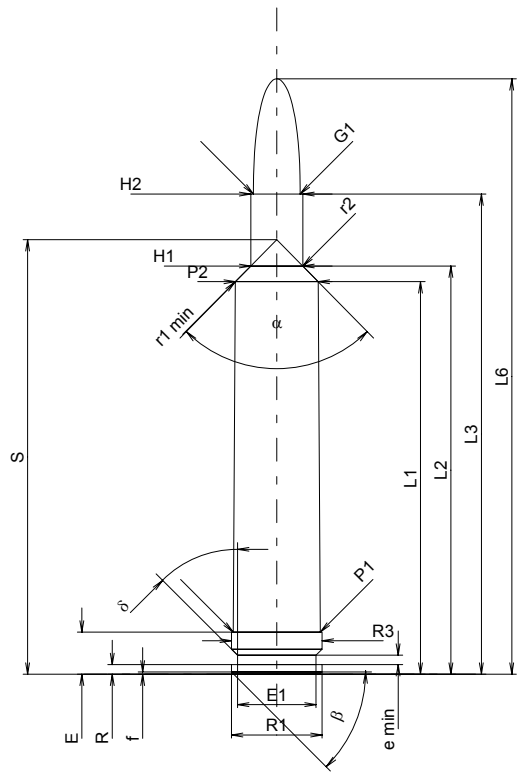
Notes: 1) Check for safety reasons
* Basic dimensions

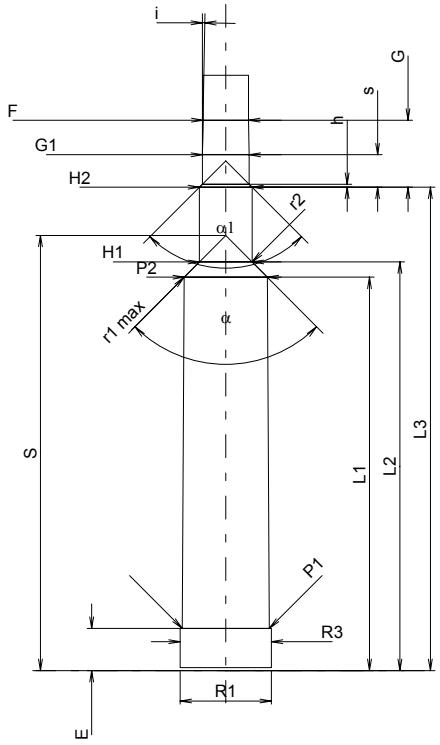
C.I.P.

240 Weath. Mag.

Country of Origin: US

TAB.	**III**
Date	**84-06-14**
Revision	**02-05-15**





Scale 1:1

CARTRIDGE MAXI

Lengths

L1	=	51.91	
L2	=	53.98	
L3 1)	=	63.50	
L4	=		
L5	=		
L6	=	78.74	

Case Head

R	=	1.27	
R1	=	11.99	
R3	=	11.99	
E 1)	=	5.56	-0.20
E1	=	10.39	
e min	=	1.24	
δ	=	45°	
f	=	0.30	
β	=	45°	

Powder Chamber

P1	=	11.51	
P2 *	=	10.96	

Junction Cone

α *	=	89°01'48"	
S *	=	57.48	
r1 min	=	3.18	
r2	=	3.96	

Collar

H1 *	=	6.88	
H2 1)	=	6.88	

Projectile

G1 1)	=	6.18	
G2	=		
F	=		
L3+G 1)	=	72.37	

Pressures (Energies)
Method Transducer

Pmax	=	4400	bar
PK	=	5060	bar
PE	=	5500	bar
M	=	25.00	
EE	=	3570	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=	52.03	
L2	=	54.04	
L3 1)	=	63.93	

Breech

R	=		
R1	=	12.07	
R2	=		
R3	=	12.07	
r	=		

Powder Chamber

E 1)	=	5.59	
P1 1)	=	11.53	
P2 *	=	10.98	

Junction Cone

α *	=	89°37'33"	
S *	=	57.56	
r1 max	=	3.05	
r2	=	3.84	

Collar

H1 *	=	7.00	
H2 1)	=	6.96	

Commencement of Rifling

G1 1)*	=	6.18	
G 1)	=	8.87	
α1 *	=	90°	
h	=	0.39	
s	=	4.29	
i 1)*	=	1°	
w	=		

Barrel

F 1)*	=	6.02	
Z 1)	=	6.17	

Grooves

b	=	3.43	
N	=	4	
u	=	254.00	
Q	=	29.56	mm²

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

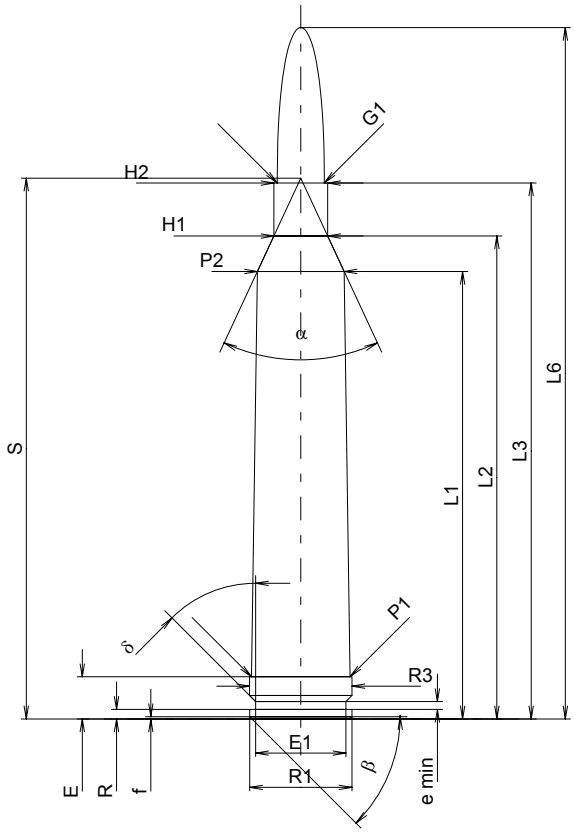
Notes: 1) Check for safety reasons
* Basic dimensions

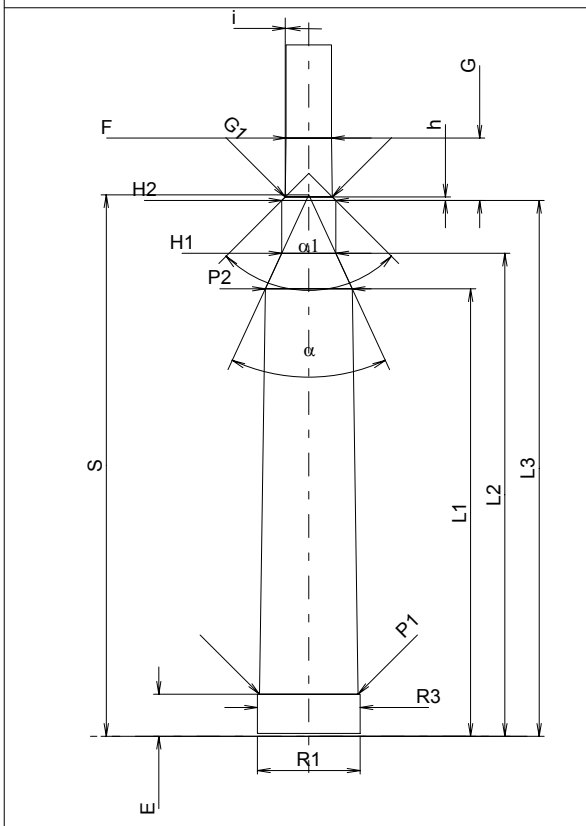
C.I.P.

244 H.& H. Mag.

Country of Origin: GB

TAB.	**III**
Date	**84-06-14**
Revision	**02-05-15**





Scale 1:1

CARTRIDGE MAXI

Lengths

L1 *	=	59.18	
L2 *	=	63.87	
L3 1)	=	70.87	
L4	=		
L5	=		
L6	=	91.44	

Case Head

R	=	1.27	
R1	=	13.51	
R3	=	13.56	
E 1)	=	5.56	-0.20
E1	=	11.94	
e min	=	1.02	
δ	=	45°	
f	=	0.30	
β	=	45°	

Powder Chamber

P1	=	13.03	
P2 *	=	11.48	

Junction Cone

α	=	49°57'37"	
S	=	71.50	
r1 min	=		
r2	=		

Collar

H1 *	=	7.11	
H2 1)	=	7.11	

Projectile

G1 1)	=	6.22	
G2	=		
F	=		
L3+G 1)	=	79.13	

Pressures (Energies)
Method Transducer

Pmax	=	4350	bar
PK	=	5003	bar
PE	=	5438	bar
M	=	25.00	
EE	=	3885	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1 *	=	59.18	
L2 *	=	63.88	
L3 1)	=	70.87	

Breech

R	=		
R1	=	13.59	
R2	=		
R3	=	13.59	
r	=		

Powder Chamber

E 1)	=	5.56	
P1 1)	=	13.03	
P2 *	=	11.50	

Junction Cone

α	=	49°39'57"	
S	=	71.61	
r1 max	=		
r2	=		

Collar

H1 *	=	7.15	
H2 1)	=	7.14	

Commencement of Rifling

G1 1)*	=	6.22	
G 1)*	=	8.26	
α1	=	90°	
h *	=	0.46	
s	=		
i 1)	=	0°44'03"	
w	=		

Barrel

F 1)*	=	6.02	
Z 1)	=	6.22	

Grooves

b	=		
N	=		
u	=	255.00	
Q	=	28.46	mm²

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

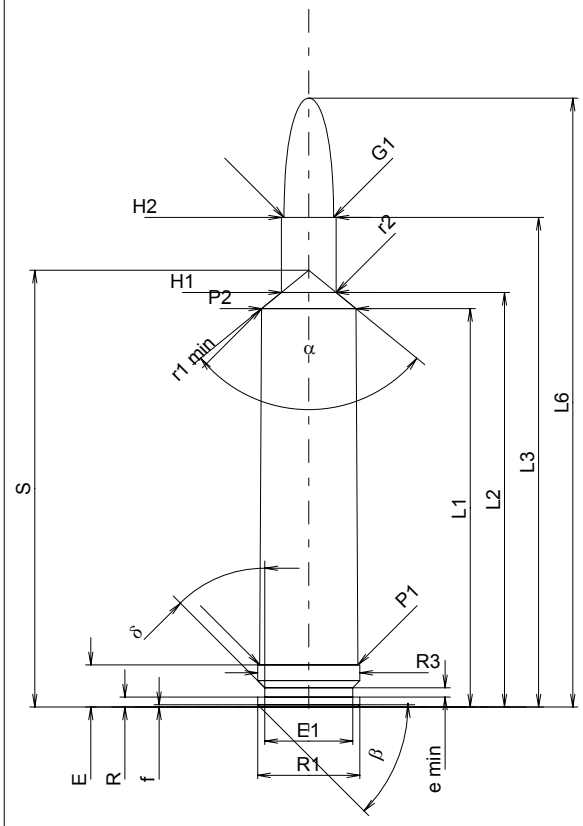
Notes: 1) Check for safety reasons
* Basic dimensions

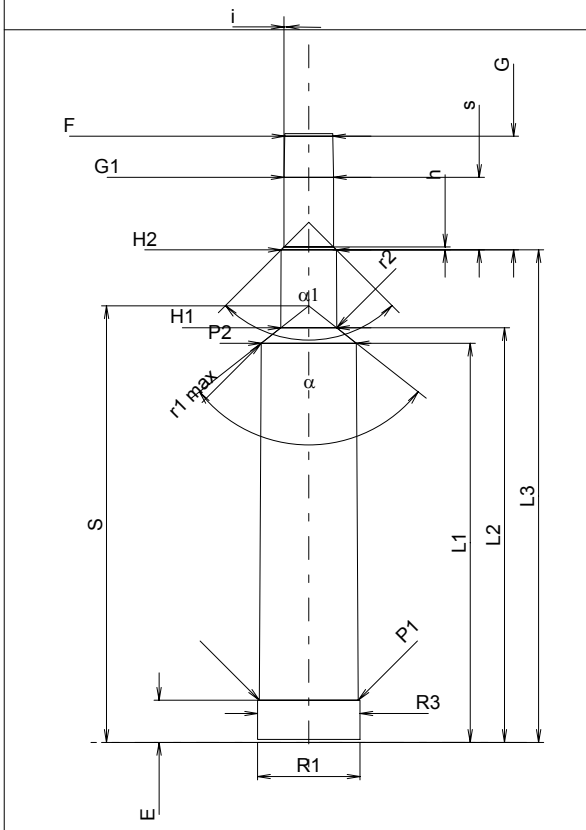
C.I.P.

257 Weath. Mag.

Country of Origin: US

TAB.	**III**
Date	**84-06-14**
Revision	**02-05-15**





Scale 1:1

CARTRIDGE MAXI

Lengths

L1	=	52.68	
L2	=	54.82	
L3 1)	=	64.74	
L4	=		
L5	=		
L6	=	80.52	

Case Head

R	=	1.30	
R1	=	13.50	
R3	=	13.50	
E 1)	=	5.56	-0.20
E1	=	11.61	
e min	=	1.24	
δ	=	45°	
f	=	0.30	
β	=	45°	

Powder Chamber

P1	=	13.00	
P2 *	=	12.48	

Junction Cone

α *	=	101°45'19"	
S *	=	57.76	
r1 min	=	3.30	
r2	=	3.84	

Collar

H1 *	=	7.24	
H2 1)	=	7.24	

Projectile

G1 1)	=	6.54	
G2	=		
F	=		
L3+G 1)	=	79.77	

Pressures (Energies)
Method Transducer

Pmax	=	4400	bar
PK	=	5060	bar
PE	=	5500	bar
M	=	25.00	
EE	=	4095	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=	52.78	
L2	=	54.83	
L3 1)	=	65.13	

Breech

R	=		
R1	=	13.56	
R2	=		
R3	=	13.56	
r	=		

Powder Chamber

E 1)	=	5.59	
P1 1)	=	13.06	
P2 *	=	12.58	

Junction Cone

α *	=	103°37'22"	
S *	=	57.73	
r1 max	=	3.05	
r2	=	3.84	

Collar

H1 *	=	7.38	
H2 1)	=	7.32	

Commencement of Rifling

G1 1)*	=	6.54	
G 1)	=	15.03	
α1 *	=	90°	
h	=	0.39	
s	=	9.60	
i 1)*	=	0°57'	
w	=		

Barrel

F 1)*	=	6.36	
Z 1)	=	6.53	

Grooves

b	=	2.49	
N	=	6	
u	=	254.00	
Q	=	33.07	mm²

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

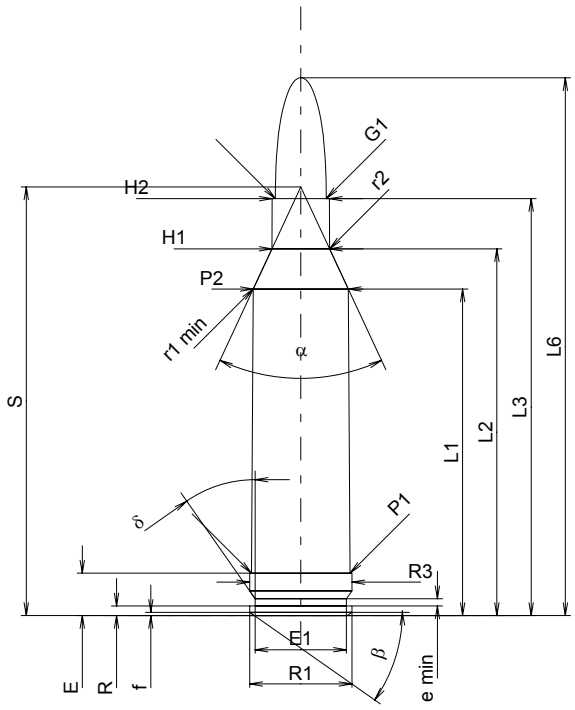
Notes: 1) Check for safety reasons
* Basic dimensions

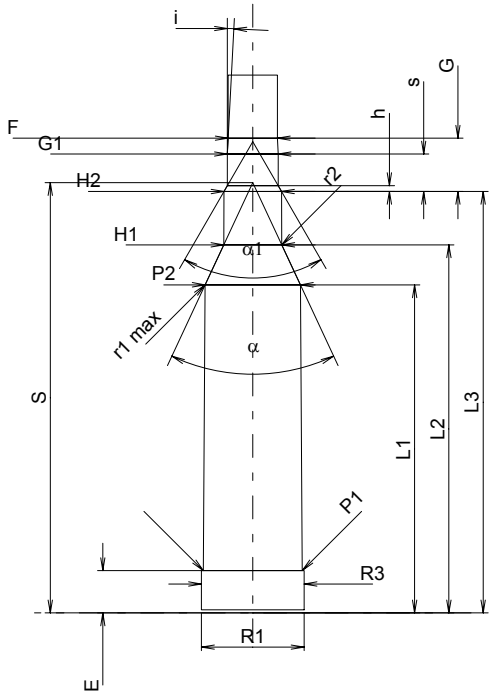
C.I.P.

6,5 mm Rem. Mag.

Country of Origin: US

TAB.	**III**
Date	**84-06-14**
Revision	**02-05-15**





Scale 1:1

CARTRIDGE MAXI

Lengths

L1	=	43.18	
L2	=	48.49	
L3 [1)]	=	55.12	
L4	=		
L5	=		
L6	=	71.12	

Case Head

R	=	1.27	
R1	=	13.51	
R3	=	13.51	
E [1)]	=	5.59	-0.20
E1	=	12.07	
e min	=	0.94	
δ	=	35°	
f	=	0.41	
β	=	35°	

Powder Chamber

P1	=	13.03	
P2 *	=	12.58	

Junction Cone

α *	=	50°	
S *	=	56.67	
r1 min	=	0.76	
r2	=	2.54	

Collar

H1 *	=	7.63	
H2 [1)]	=	7.57	

Projectile

G1 [1)]	=	6.72	
G2	=		
F	=		
L3+G [1)]	=	62.17	

Pressures (Energies)
Method Transducer

Pmax	=	4350	bar
PK	=	5003	bar
PE	=	5438	bar
M	=	25.00	
EE	=	3885	Joule

Miscellaneous Dimensions

Fe [1)]	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=	43.39	
L2	=	48.67	
L3 [1)]	=	55.73	

Breech

R	=		
R1	=	13.59	
R2	=		
R3	=	13.59	
r	=		

Powder Chamber

E [1)]	=	5.59	
P1 [1)]	=	13.06	
P2 *	=	12.60	

Junction Cone

α *	=	50°	
S *	=	56.90	
r1 max	=	0.76	
r2	=	3.18	

Collar

H1 *	=	7.68	
H2 [1)]	=	7.62	

Commencement of Rifling

G1 [1)*]	=	6.72	
G [1)]	=	7.05	
α1 *	=	60°	
h	=	0.78	
s	=	4.95	
i [1)*]	=	3°	
w	=		

Barrel

F [1)*]	=	6.50	
Z [1)]	=	6.71	

Grooves

b	=	2.41	
N	=	6	
u	=	229.00	
Q	=	34.71	mm²

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

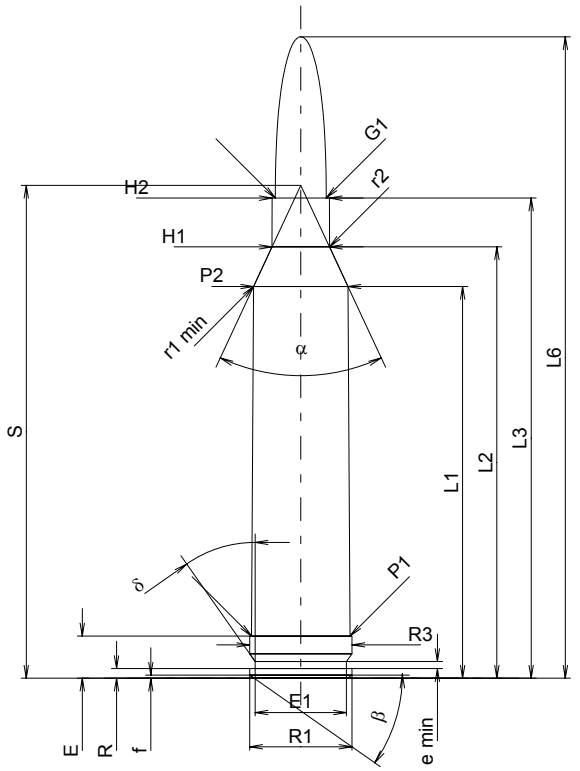
Notes: 1) Check for safety reasons
* Basic dimensions

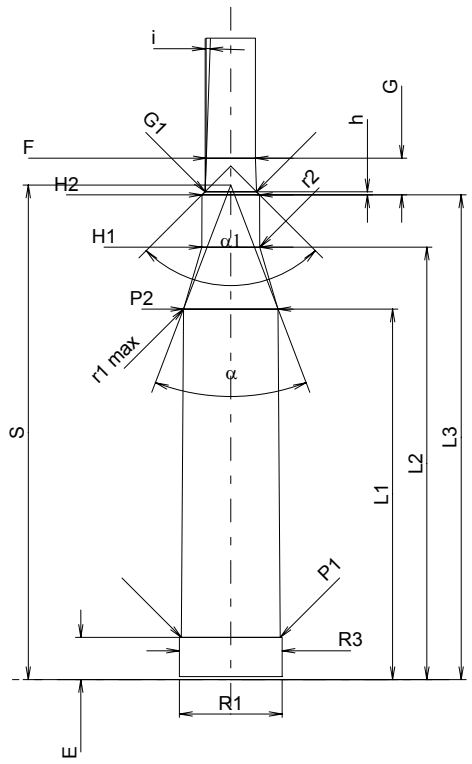
C.I.P.

264 Win. Mag.

Country of Origin: US

TAB.	**III**
Date	**84-06-14**
Revision	**02-05-15**





Scale 1:1

CARTRIDGE MAXI

Lengths

L1	=	51.82	
L2	=	57.05	
L3 1)	=	63.50	
L4	=		
L5	=		
L6	=	84.84	

Case Head

R	=	1.27	
R1	=	13.51	
R3	=	13.51	
E 1)	=	5.59	-0.20
E1	=	12.07	
e min	=	0.94	
δ	=	35°	
f	=	0.41	
β	=	35°	

Powder Chamber

P1	=	13.03	
P2 *	=	12.47	

Junction Cone

α *	=	50°	
S *	=	65.19	
r1 min	=	3.30	
r2	=	3.84	

Collar

H1 *	=	7.59	
H2 1)	=	7.57	

Projectile

G1 1)	=	6.73	
G2	=		
F	=		
L3+G 1)	=	68.35	

Pressures (Energies)
Method Transducer

Pmax	=	4300	bar
PK	=	4945	bar
PE	=	5375	bar
M	=	25.00	
EE	=	4095	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=	49.02	
L2	=	57.21	
L3 1)	=	64.11	

Breech

R	=		
R1	=	13.59	
R2	=		
R3	=	13.59	
r	=		

Powder Chamber

E 1)	=	5.59	
P1 1)	=	13.06	
P2 *	=	12.50	

Junction Cone

α *	=	50°	
S *	=	65.42	
r1 max	=	0.76	
r2	=	3.81	

Collar

H1 *	=	7.66	
H2 1)	=	7.62	

Commencement of Rifling

G1 1)*	=	6.81	
G 1)	=	4.85	
α1 *	=	90°	
h	=	0.41	
s	=		
i 1)*	=	2°	
w	=		

Barrel

F 1)*	=	6.50	
Z 1)	=	6.71	

Grooves

b	=	2.29	
N	=	6	
u	=	229.00	
Q	=	34.66	mm²

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

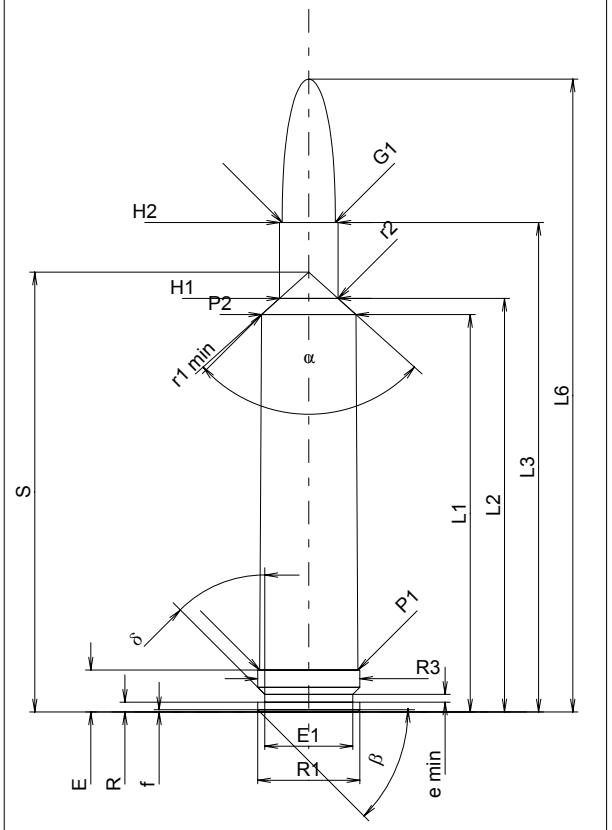
Notes: 1) Check for safety reasons
* Basic dimensions

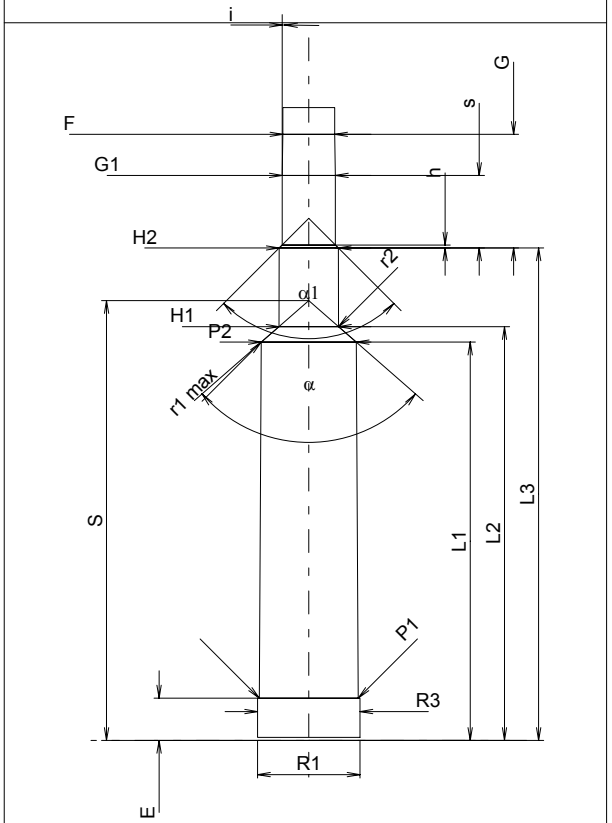
C.I.P.

270 Weath. Mag.

Country of Origin: US

TAB.	**III**
Date	**84-06-14**
Revision	**02-05-15**





Scale 1:1

CARTRIDGE MAXI

Lengths

L1	=	52.57	
L2	=	54.70	
L3 1)	=	64.74	
L4	=		
L5	=		
L6	=	83.69	

Case Head

R	=	1.30	
R1	=	13.50	
R3	=	13.50	
E 1)	=	5.56	-0.20
E1	=	11.61	
e min	=	1.02	
δ	=	45°	
f	=	0.30	
β	=	45°	

Powder Chamber

P1	=	13.00	
P2 *	=	12.48	

Junction Cone

α *	=	96°06'27"	
S *	=	58.18	
r1 min	=	3.30	
r2	=	3.84	

Collar

H1 *	=	7.75	
H2 1)	=	7.75	

Projectile

G1 1)	=	7.04	
G2	=		
F	=		
L3+G 1)	=	79.77	

Pressures (Energies)
Method Transducer

Pmax	=	4400	bar
PK	=	5060	bar
PE	=	5500	bar
M	=	25.00	
EE	=	4935	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=	52.67	
L2	=	54.72	
L3 1)	=	65.13	

Breech

R	=		
R1	=	13.56	
R2	=		
R3	=	13.56	
r	=		

Powder Chamber

E 1)	=	5.59	
P1 1)	=	13.06	
P2 *	=	12.58	

Junction Cone

α *	=	97°39'39"	
S *	=	58.17	
r1 max	=	3.05	
r2	=	3.84	

Collar

H1 *	=	7.88	
H2 1)	=	7.82	

Commencement of Rifling

G1 1)*	=	7.05	
G 1)	=	15.03	
α1 *	=	90°	
h	=	0.39	
s	=	9.60	
i 1)*	=	0°57'	
w	=		

Barrel

F 1)*	=	6.87	
Z 1)	=	7.04	

Grooves

b	=	2.74	
N	=	6	
u	=	254.00	
Q	=	38.50	mm²

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

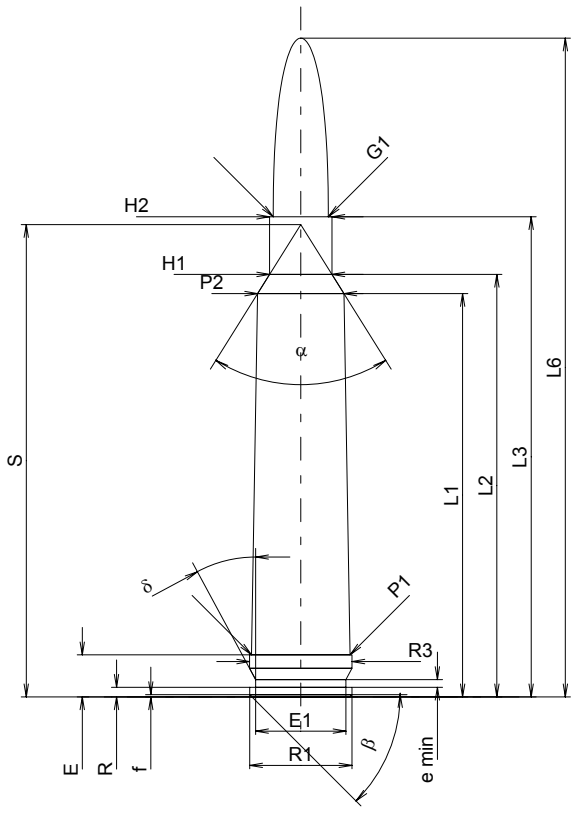
Notes: 1) Check for safety reasons
* Basic dimensions

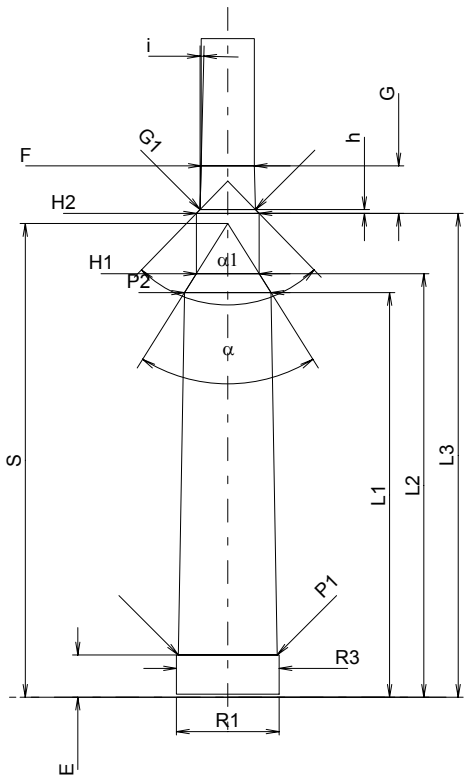
C.I.P.

275 Belt. N. E.

Country of Origin: US

TAB.	**III**
Date	**84-06-14**
Revision	**02-05-15**





Scale 1:1

CARTRIDGE MAXI

Lengths

L1 *	=	53.34	
L2 *	=	55.88	
L3 1)	=	63.50	
L4	=		
L5	=		
L6	=	87.12	

Case Head

R	=	1.27	
R1	=	13.51	
R3	=	13.56	
E 1)	=	5.56	-0.20
E1	=	11.94	
e min	=	1.02	
δ	=	28°21'	
f	=	0.30	
β	=	45°	

Powder Chamber

P1	=	13.03
P2 *	=	11.43

Junction Cone

α	=	64°05'30"
S	=	62.47
r1 min	=	
r2	=	

Collar

H1 *	=	8.25
H2 1)	=	8.25

Projectile

G1 1)	=	7.29
G2	=	
F	=	
L3+G 1)	=	69.79

Pressures (Energies)
Method Transducer

Pmax	=	4150	bar
PK	=	4773	bar
PE	=	5188	bar
M	=	25.00	
EE	=	3990	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10
delta L	=	

CHAMBER MINI

Lengths

L1 *	=	53.52
L2 *	=	56.03
L3 1)	=	64.00

Breech

R	=	
R1	=	13.59
R2	=	
R3	=	13.59
r	=	

Powder Chamber

E 1)	=	5.59
P1 1)	=	13.06
P2 *	=	11.46

Junction Cone

α	=	64°12'57"
S	=	62.65
r1 max	=	
r2	=	

Collar

H1 *	=	8.31
H2 1)	=	8.31

Commencement of Rifling

G1 1)*	=	7.32
G 1)*	=	6.29
α1	=	88°18'
h *	=	0.51
s	=	
i 1)	=	1°23'15"
w	=	

Barrel

F 1)*	=	7.04
Z 1)	=	7.28

Grooves

b	=		
N	=		
u	=	255.00	
Q	=	38.93	mm²

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

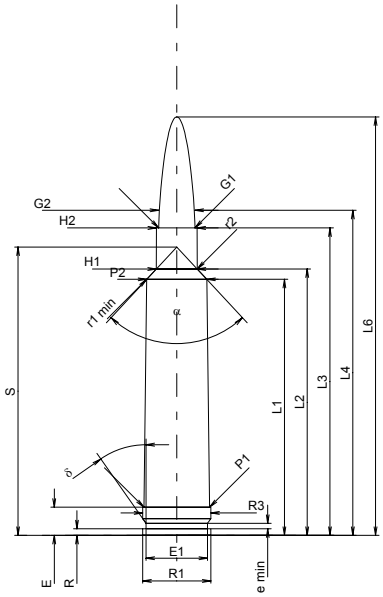
Notes: 1) Check for safety reasons
* Basic dimensions

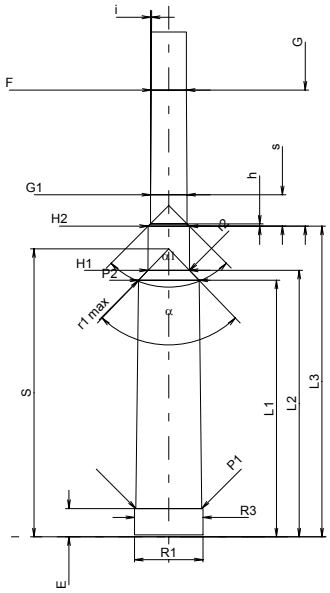
C.I.P.

7 x 61 Super

Country of Origin: SE

TAB.	**III**
Date	**90-04-24**
Revision	**02-05-15**





Scale 1:1.5

CARTRIDGE MAXI

Lengths

L1	=	50.80	
L2	=	52.85	
L3 1)	=	61.00	
L4	=	64.50	
L5	=		
L6	=	83.00	

Case Head

R	=	1.30	
R1	=	13.50	
R3	=	13.50	
E 1)	=	5.60	-0.20
E1	=	12.20	
e min	=	1.10	
δ	=	35°	
f	=		
β	=		

Powder Chamber

P1	=	13.05	
P2 *	=	11.91	

Junction Cone

α *	=	85°45'	
S *	=	57.21	
r1 min	=	2.00	
r2	=	1.50	

Collar

H1 *	=	8.10	
H2 1)	=	8.06	

Projectile

G1 1)	=	7.20	
G2	=	7.20	
F	=		
L3+G 1)	=	88.00	

Pressures (Energies)
Method Transducer

Pmax	=	4050	bar
PK	=	4658	bar
PE	=	5060	bar
M	=	25.00	
EE	=	4620	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=	50.90	
L2	=	52.87	
L3 1)	=	61.62	

Breech

R	=		
R1	=	13.56	
R2	=		
R3	=	13.56	
r	=		

Powder Chamber

E 1)	=	5.62	
P1	=	13.08	
P2 1)*	=	12.01	

Junction Cone

α 1)*	=	88°	
S *	=	57.12	
r1 max	=	2.00	
r2	=	1.50	

Collar

H1 *	=	8.21	
H2 1)	=	8.18	

Commencement of Rifling

G1 1)*	=	7.23	
G 1)	=	27.00	
α1 *	=	90°	
h	=	0.46	
s	=	6.25	
i 1)*	=	0°19'03"	
w	=		

Barrel

F 1)*	=	7.00	
Z 1)	=	7.22	

Grooves

b	=	2.70	
N	=	6	
u	=	229.00	
Q	=	40.31	mm²

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

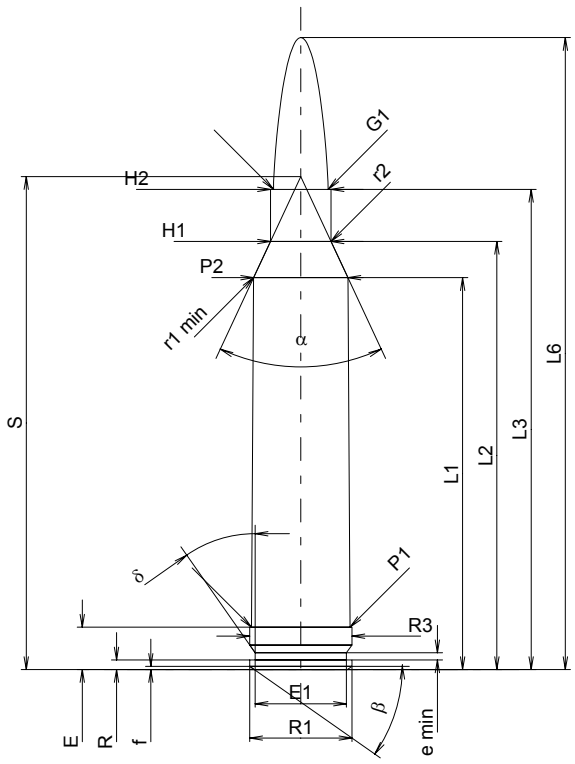
Notes: 1) Check for safety reasons
* Basic dimensions

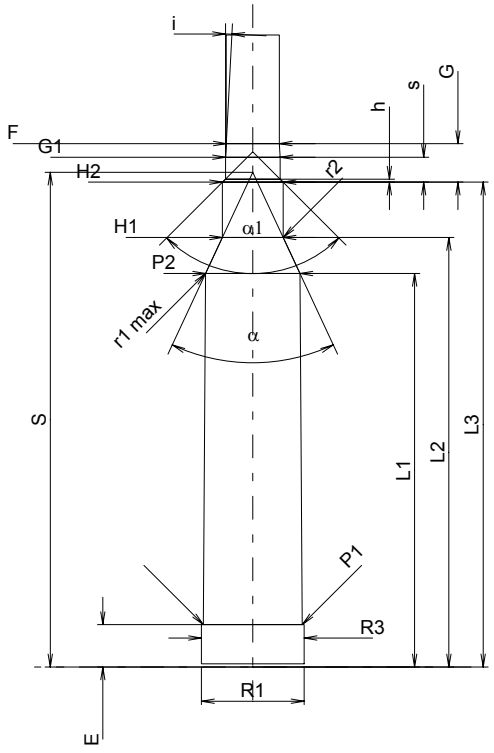
C.I.P.

7 mm Rem. Mag.

Country of Origin: US

TAB.	**III**
Date	**84-06-14**
Revision	**02-05-15**





Scale 1:1

CARTRIDGE MAXI

Lengths

L1	=	51.82	
L2	=	56.61	
L3 [1)]	=	63.50	
L4	=		
L5	=		
L6	=	83.57	

Case Head

R	=	1.27	
R1	=	13.51	
R3	=	13.51	
E [1)]	=	5.59	-0.20
E1	=	12.07	
e min	=	0.94	
δ	=	35°	
f	=	0.41	
β	=	35°	

Powder Chamber

P1	=	13.03	
P2 *	=	12.47	

Junction Cone

α *	=	50°	
S *	=	65.19	
r1 min	=	1.02	
r2	=	3.18	

Collar

H1 *	=	8.00	
H2 [1)]	=	8.00	

Projectile

G1 [1)]	=	7.23	
G2	=	68.61	
F	=		
L3+G [1)]	=	68.61	

Pressures (Energies)
Method Transducer

Pmax	=	4300	bar
PK	=	4945	bar
PE	=	5375	bar
M	=	25.00	
EE	=	4515	Joule

Miscellaneous Dimensions

Fe [1)]	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=	52.03	
L2	=	56.79	
L3 [1)]	=	64.11	

Breech

R	=		
R1	=	13.59	
R2	=		
R3	=	13.59	
r	=		

Powder Chamber

E [1)]	=	5.59	
P1 [1)]	=	13.06	
P2 *	=	12.49	

Junction Cone

α *	=	50°	
S *	=	65.42	
r1 max	=	0.76	
r2	=	3.81	

Collar

H1 *	=	8.05	
H2 [1)]	=	8.03	

Commencement of Rifling

G1 [1)*]	=	7.23	
G [1)]	=	5.11	
α1	=	90°	
h	=	0.40	
s *	=	3.30	
i [1)*]	=	3°	
w	=		

Barrel

F [1)*]	=	7.04	
Z [1)]	=	7.21	

Grooves

b	=	2.79	
N	=	6	
u	=	241.00	
Q [2)3)]	=	40.39	mm²

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

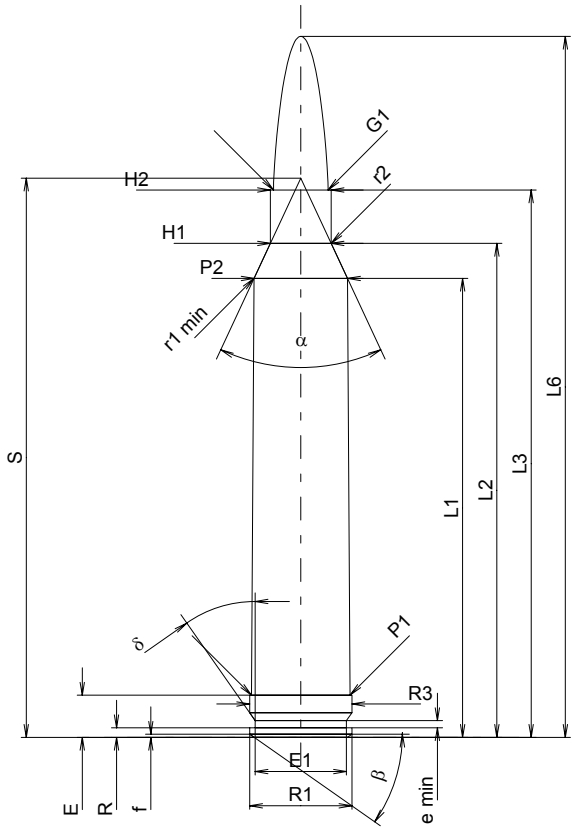
Notes:
1) Check for safety reasons
2) Valid only for Proof Barrels
3)
* Basic dimensions

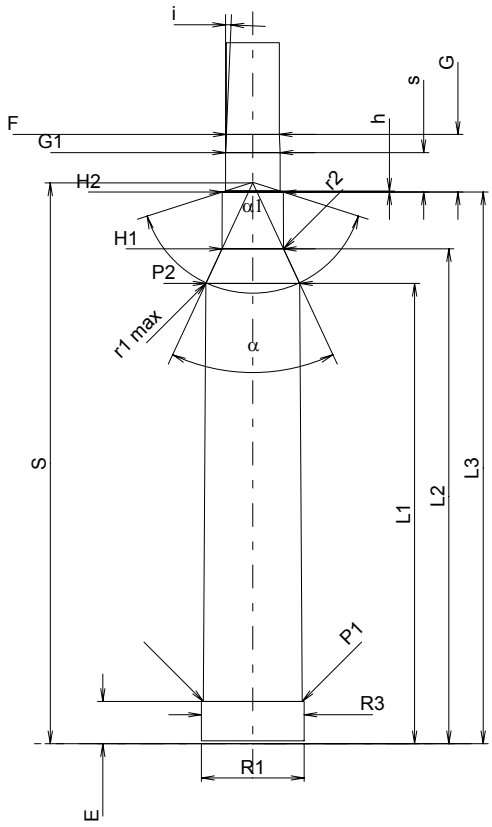
C.I.P.

7 mm STW

Country of Origin: US

TAB.	**III**
Date	**00-02-15**
Revision	**02-05-15**





Scale 1:1

CARTRIDGE MAXI

Lengths

L1	=	60.69	
L2	=	65.32	
L3 1)	=	72.39	
L4	=		
L5	=		
L6	=	92.71	

Case Head

R	=	1.27	
R1	=	13.51	
R3	=	13.51	
E 1)	=	5.58	-0.20
E1	=	12.07	
e min	=	0.94	
δ	=	35°	
f	=	0.41	
β	=	35°	

Powder Chamber

P1	=	13.03	
P2 *	=	12.37	

Junction Cone

α *	=	50°	
S *	=	73.95	
r1 min	=	1.02	
r2	=	3.18	

Collar

H1 *	=	8.05	
H2 1)	=	8.05	

Projectile

G1 1)	=	7.23	
G2	=		
F	=		
L3+G 1)	=	80.01	

Pressures (Energies)
Method Transducer

Pmax	=	4600	bar
PK	=	5290	bar
PE	=	5750	bar
M	=	25.00	
EE	=	5250	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=	60.88
L2	=	65.45
L3 1)	=	72.96

Breech

R	=	
R1	=	13.59
R2	=	
R3	=	13.59
r	=	

Powder Chamber

E 1)	=	5.59
P1 1)	=	13.06
P2 *	=	12.39

Junction Cone

α *	=	50°
S *	=	74.17
r1 max	=	0.76
r2	=	3.81

Collar

H1 *	=	8.13
H2 1)	=	8.10

Commencement of Rifling

G1 1)*	=	7.23
G 1)	=	7.62
α1 *	=	144°19'11"
h	=	0.14
s	=	5.22
i 1)*	=	2°30'
w	=	

Barrel

F 1)*	=	7.02
Z 1)	=	7.21

Grooves

b	=	2.87	
N	=	6	
u	=	241.00	
Q	=	40.39	mm²

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

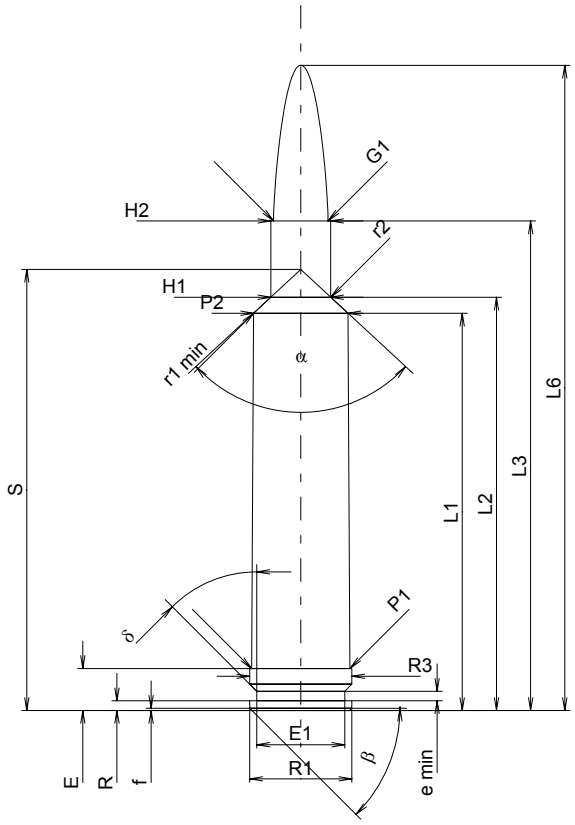
Notes: 1) Check for safety reasons
* Basic dimensions

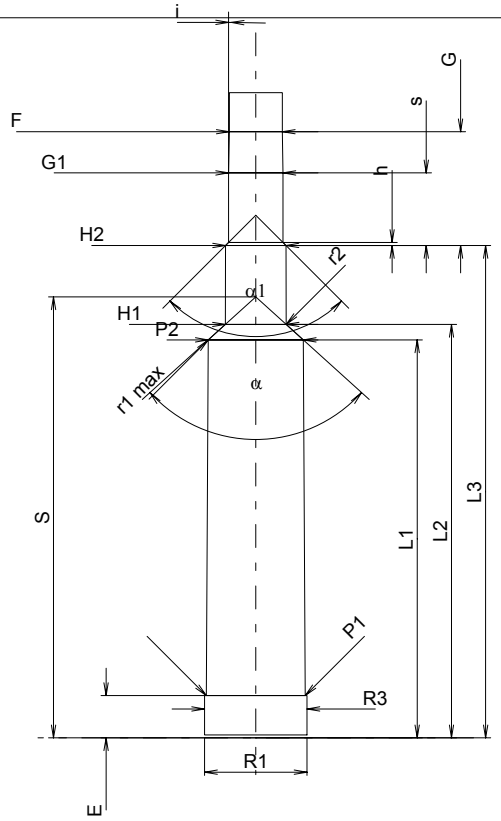
C.I.P.

7 mm Weath. Mag.

Country of Origin: US

TAB.	**III**
Date	**84-06-14**
Revision	**02-05-15**





Scale 1:1

CARTRIDGE MAXI

Lengths

L1	=	52.55	
L2	=	54.66	
L3 1)	=	64.74	
L4	=		
L5	=		
L6	=	85.34	

Case Head

R	=	1.30	
R1	=	13.50	
R3	=	13.50	
E 1)	=	5.56	-0.20
E1	=	11.61	
e min	=	1.24	
δ	=	45°	
f	=	0.30	
β	=	45°	

Powder Chamber

P1	=	13.00	
P2 *	=	12.49	

Junction Cone

α *	=	94°17'35"	
S *	=	58.34	
r1 min	=	3.30	
r2	=	3.84	

Collar

H1 *	=	7.92	
H2 1)	=	7.92	

Projectile

G1 1)	=	7.22	
G2	=		
F	=		
L3+G 1)	=	79.78	

Pressures (Energies)
Method Transducer

Pmax	=	4400	bar
PK	=	5060	bar
PE	=	5500	bar
M	=	25.00	
EE	=	5040	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=	52.64	
L2	=	54.69	
L3 1)	=	65.13	

Breech

R	=		
R1	=	13.56	
R2	=		
R3	=	13.56	
r	=		

Powder Chamber

E 1)	=	5.59	
P1 1)	=	13.06	
P2 *	=	12.58	

Junction Cone

α *	=	95°45'07"	
S *	=	58.33	
r1 max	=	3.05	
r2	=	3.84	

Collar

H1 *	=	8.06	
H2 1)	=	8.00	

Commencement of Rifling

G1 1)*	=	7.22	
G 1)	=	15.04	
α1 *	=	90°	
h	=	0.39	
s	=	9.60	
i 1)*	=	1°01'59"	
w	=		

Barrel

F 1)*	=	7.02	
Z 1)	=	7.21	

Grooves

b	=	2.87	
N	=	6	
u	=	254.00	
Q	=	40.39	mm²

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

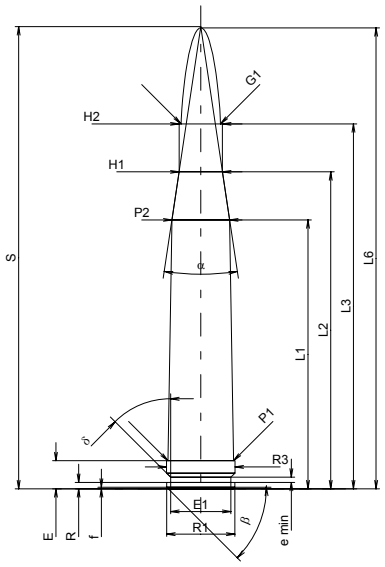
Notes: 1) Check for safety reasons
* Basic dimensions

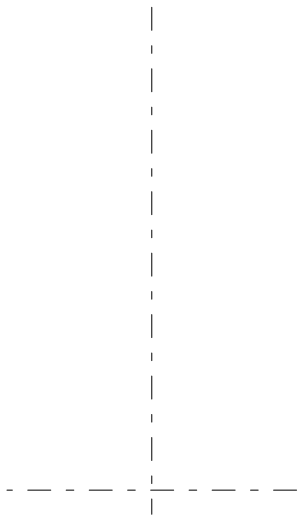
C.I.P.

30 Super Belt Riml. H.& H

Country of Origin: GB

TAB.	**III**
Date	**84-06 14**
Revision	**02-05-15**





Scale 1:1.5

CARTRIDGE MAXI

Lengths

L1 *	=	53.34
L2 *	=	62.87
L3 1)	=	72.39
L4	=	
L5	=	
L6	=	91.44

Case Head

R	=	1.27	
R1	=	13.51	
R3	=	13.56	
E 1)	=	5.56	-0.20
E1	=	11.94	
e min	=	1.02	
δ	=	45°	
f	=	0.30	
β	=	45°	

Powder Chamber

P1	=	13.03
P2 *	=	11.43

Junction Cone

α	=	16°56'59"
S	=	91.69
r1 min	=	
r2	=	

Collar

H1 *	=	8.59
H2 1)	=	8.59

Projectile

G1 1)	=	7.82
G2	=	
F	=	
L3+G	=	

Pressures (Energies)
Method Transducer

Pmax	=	3650	bar
PK	=	4198	bar
PE	=	4563	bar
M	=	25.00	
EE	=	4305	Joule

Miscellaneous Dimensions

Fe	=
delta L	=

CHAMBER MINI

Lengths

L1	=
L2	=
L3	=

Breech

R	=
R1	=
R2	=
R3	=
r	=

Powder Chamber

E	=
P1	=
P2	=

Junction Cone

α	=
S	=
r1 max	=
r2	=

Collar

H1	=
H2	=

Commencement of Rifling

G1	=
G	=
α1	=
h	=
s	=
i	=
w	=

Barrel

F 1)*	=	7.61
Z 1)	=	7.82

Grooves

b	=	2.72	
N	=	6	
u	=	254.00	
Q	=	47.24	mm²

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

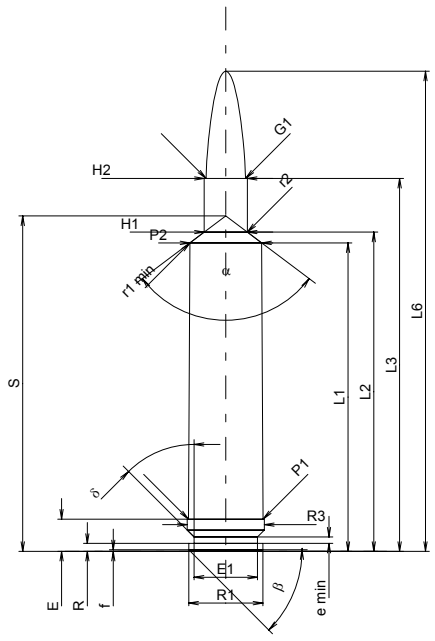
Notes: 1) Check for safety reasons
* Basic dimensions

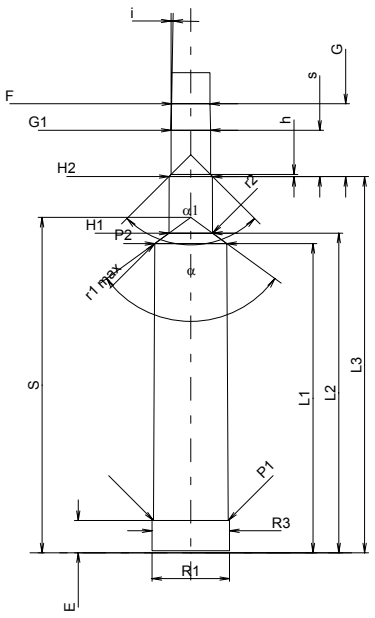
C.I.P.

30-378 Weath. Mag.

Country of Origin: US

TAB.	**III**
Date	**96-03-05**
Revision	**02-05-15**





Scale 1:1.5

CARTRIDGE MAXI

Lengths

L1	=	61.20	
L2	=	63.33	
L3 1)	=	73.99	
L4	=		
L5	=		
L6	=	95.25	

Case Head

R	=	1.60	
R1	=	14.71	
R3	=	15.33	
E 1)	=	6.40	-0.20
E1	=	12.57	
e min	=	1.24	
δ	=	45°	
f	=	0.30	
β	=	45°	

Powder Chamber

P1	=	14.78	
P2 *	=	14.23	

Junction Cone

α *	=	105°57'54"	
S *	=	66.56	
r1 min	=	3.30	
r2	=	3.82	

Collar

H1 *	=	8.56	
H2 1)	=	8.56	

Projectile

G1 1)	=	7.83	
G2	=		
F	=		
L3+G 1)	=	88.42	

Pressures (Energies)
Method Transducer

Pmax	=	4400	bar
PK	=	5060	bar
PE	=	5500	bar
M	=	25.00	
EE	=	6720	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=	61.35	
L2	=	63.41	
L3 1)	=	74.65	

Breech

R	=		
R1	=	15.39	
R2	=		
R3	=	15.39	
r	=		

Powder Chamber

E 1)	=	6.40	
P1 1)	=	14.82	
P2 *	=	14.32	

Junction Cone

α *	=	107°59'13"	
S *	=	66.55	
r1 max	=	3.05	
r2	=	3.84	

Collar

H1 *	=	8.65	
H2 1)	=	8.61	

Commencement of Rifling

G1 1)*	=	7.83	
G 1)	=	14.43	
α1 *	=	90°	
h	=	0.39	
s	=	9.17	
i 1)*	=	1°05'20"	
w	=		

Barrel

F 1)*	=	7.63	
Z 1)	=	7.82	

Grooves

b	=	3.00	
N	=	6	
u	=	254.00	
Q	=	47.48	mm²

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

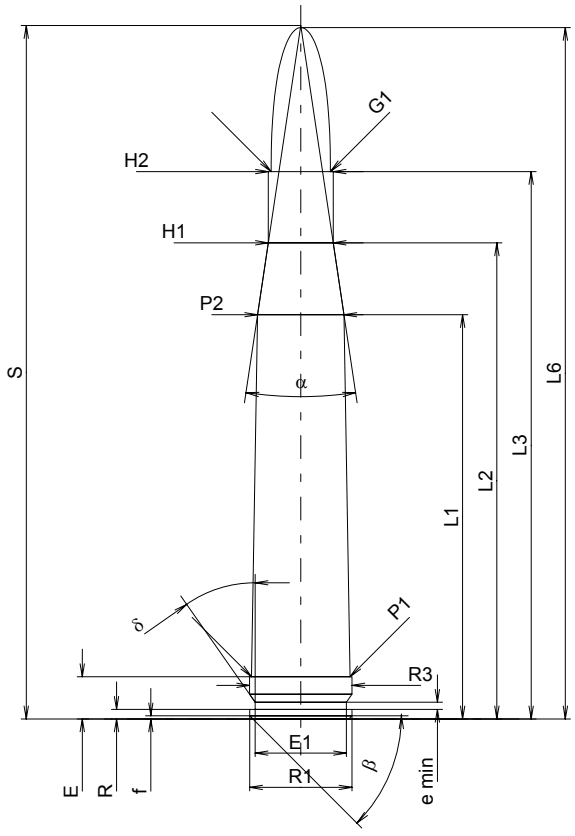
Notes: 1) Check for safety reasons
* Basic dimensions

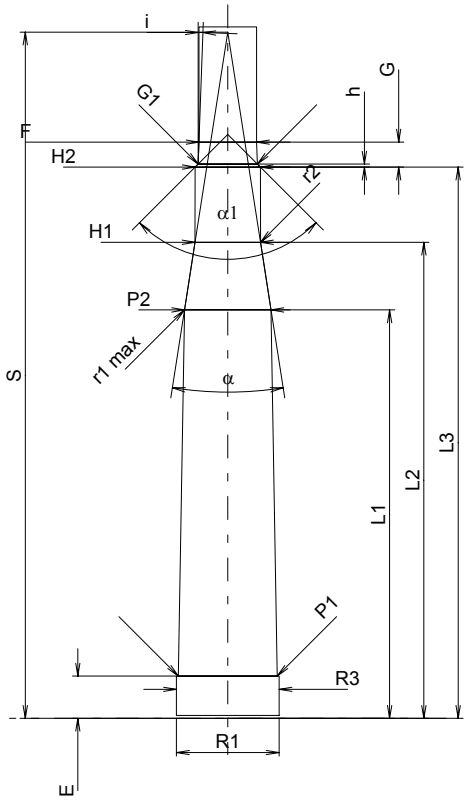
C.I.P.

300 H.& H. Mag.

Country of Origin: US

TAB.	**III**
Date	**84-06-14**
Revision	**02-05-15**





Scale 1:1

CARTRIDGE MAXI

Lengths

L1 *	=	53.46	
L2 *	=	62.96	
L3 1)	=	72.39	
L4	=		
L5	=		
L6	=	91.44	

Case Head

R	=	1.27	
R1	=	13.51	
R3	=	13.56	
E 1)	=	5.59	-0.20
E1	=	12.07	
e min	=	0.94	
δ	=	35°	
f	=	0.41	
β	=	45°	

Powder Chamber

P1	=	13.03	
P2 *	=	11.43	

Junction Cone

α	=	17°00'09"	
S	=	91.69	
r1 min	=		
r2	=		

Collar

H1 *	=	8.59	
H2 1)	=	8.59	

Projectile

G1 1)	=	7.85	
G2	=		
F	=		
L3+G 1)	=	75.70	

Pressures (Energies)
Method Transducer

Pmax	=	4300	bar
PK	=	4945	bar
PE	=	5375	bar
M	=	25.00	
EE	=	4725	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1 *	=	54.01	
L2 *	=	62.96	
L3 1)	=	72.90	

Breech

R	=		
R1	=	13.59	
R2	=		
R3	=	13.59	
r	=		

Powder Chamber

E 1)	=	5.59	
P1 1)	=	13.06	
P2 *	=	11.45	

Junction Cone

α	=	17°43'04"	
S	=	90.74	
r1 max	=	1.27	
r2	=	2.54	

Collar

H1 *	=	8.66	
H2 1)	=	8.62	

Commencement of Rifling

G1 1)*	=	7.82	
G 1)*	=	3.31	
α1	=	90°	
h *	=	0.40	
s	=		
i 1)	=	2°03'59"	
w	=		

Barrel

F 1)*	=	7.61	
Z 1)	=	7.82	

Grooves

b	=	2.72	
N	=	6	
u	=	254.00	
Q	=	47.24	mm²

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

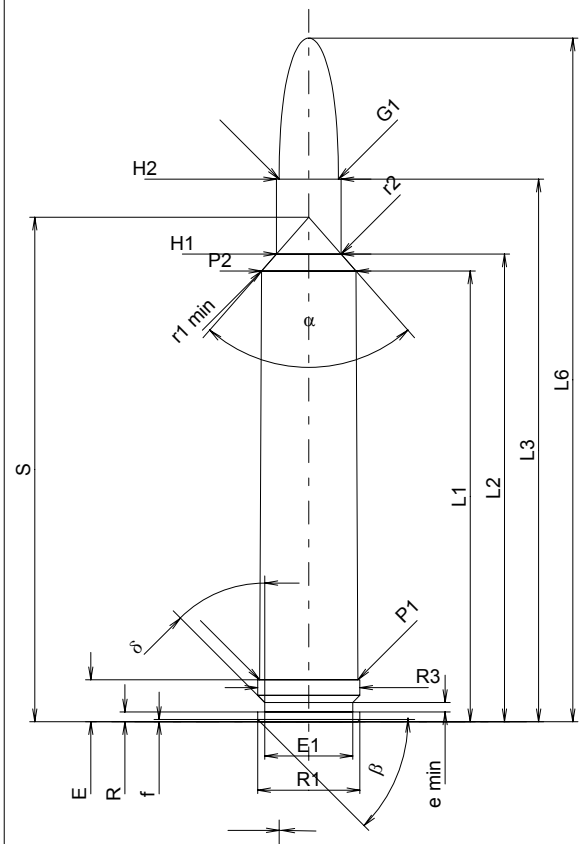
Notes: 1) Check for safety reasons
* Basic dimensions

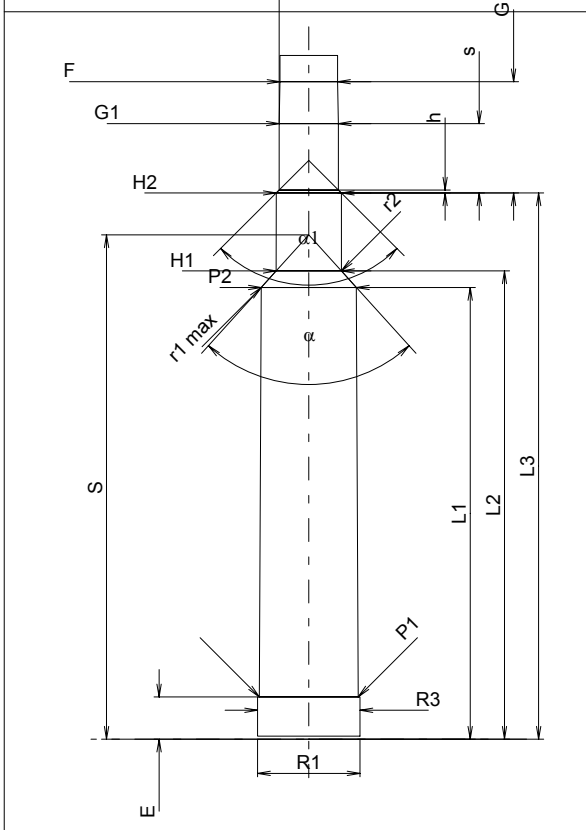
C.I.P.

300 Weath. Mag.

Country of Origin: US

TAB.	**III**
Date	**84-06-14**
Revision	**02-05-15**





Scale 1:1

CARTRIDGE MAXI

Lengths

L1	=	59.62	
L2	=	61.86	
L3 1)	=	71.75	
L4	=		
L5	=		
L6	=	90.42	

Case Head

R	=	1.30	
R1	=	13.50	
R3	=	13.50	
E 1)	=	5.56	-0.20
E1	=	11.61	
e min	=	1.24	
δ	=	45°	
f	=	0.30	
β	=	45°	

Powder Chamber

P1	=	13.00	
P2 *	=	12.49	

Junction Cone

α *	=	82°38'20"	
S *	=	66.73	
r1 min	=	3.30	
r2	=	4.62	

Collar

H1 *	=	8.56	
H2 1)	=	8.56	

Projectile

G1 1)	=	7.83	
G2	=		
F	=		
L3+G 1)	=	86.46	

Pressures (Energies)
Method Transducer

Pmax	=	4400	bar
PK	=	5060	bar
PE	=	5500	bar
M	=	25.00	
EE	=	5880	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=	59.74	
L2	=	61.92	
L3 1)	=	72.24	

Breech

R	=		
R1	=	13.56	
R2	=		
R3	=	13.56	
r	=		

Powder Chamber

E 1)	=	5.59	
P1 1)	=	13.06	
P2 *	=	12.59	

Junction Cone

α *	=	84°28'19"	
S *	=	66.68	
r1 max	=	3.05	
r2	=	4.62	

Collar

H1 *	=	8.64	
H2 1)	=	8.61	

Commencement of Rifling

G1 1)*	=	7.83	
G 1)	=	14.71	
α1 *	=	90°	
h	=	0.39	
s	=	9.17	
i 1)*	=	1°01'59"	
w	=		

Barrel

F 1)*	=	7.63	
Z 1)	=	7.82	

Grooves

b	=	3.00	
N	=	6	
u	=	254.00	
Q	=	47.48	mm²

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

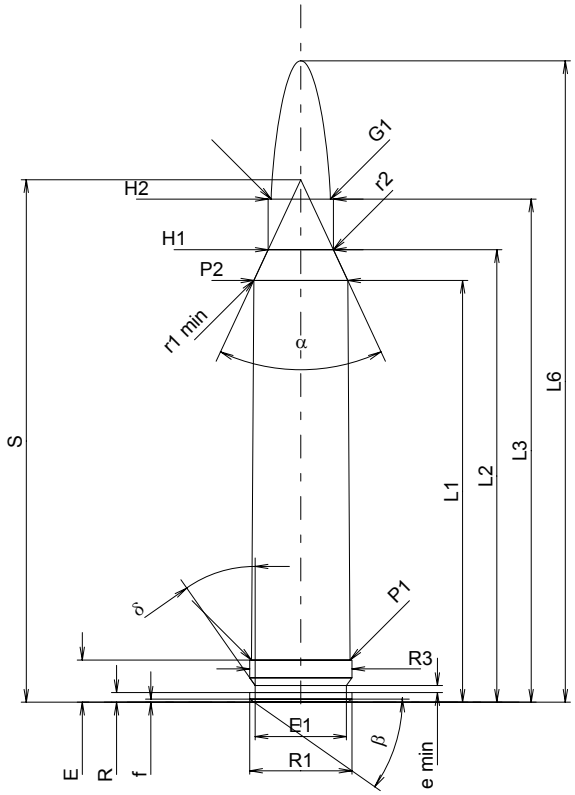
Notes: 1) Check for safety reasons
* Basic dimensions

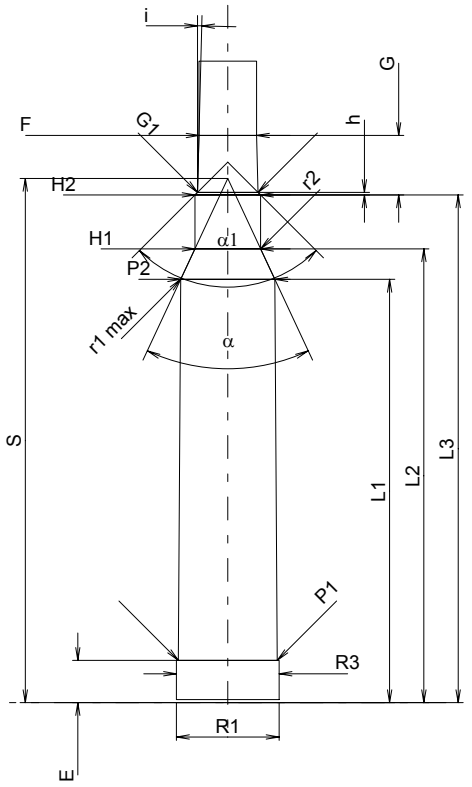
C.I.P.

300 Win. Mag.

Country of Origin: US

TAB.	**III**
Date	**84-06-14**
Revision	**02-05-15**





Scale 1:1

CARTRIDGE MAXI

Lengths

L1	=	55.78	
L2	=	59.85	
L3 1)	=	66.55	
L4	=		
L5	=		
L6	=	84.84	

Case Head

R	=	1.27	
R1	=	13.51	
R3	=	13.51	
E 1)	=	5.59	-0.20
E1	=	12.07	
e min	=	0.94	
δ	=	35°	
f	=	0.41	
β	=	35°	

Powder Chamber

P1	=	13.03	
P2 *	=	12.42	

Junction Cone

α *	=	50°	
S *	=	69.10	
r1 min	=	1.02	
r2	=	2.54	

Collar

H1 *	=	8.63	
H2 1)	=	8.63	

Projectile

G1 1)	=	7.85	
G2	=		
F	=		
L3+G 1)	=	74.41	

Pressures (Energies)
Method Transducer

Pmax	=	4300	bar
PK	=	4945	bar
PE	=	5375	bar
M	=	25.00	
EE	=	4935	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=	55.98	
L2	=	60.01	
L3 1)	=	67.16	

Breech

R	=	1.27	
R1	=	13.59	
R2	=		
R3	=	13.59	
r	=		

Powder Chamber

E 1)	=	5.59	
P1 1)	=	13.06	
P2 *	=	12.45	

Junction Cone

α *	=	50°	
S *	=	69.33	
r1 max	=	0.76	
r2	=	3.18	

Collar

H1 *	=	8.69	
H2 1)	=	8.65	

Commencement of Rifling

G1 1)*	=	8.00	
G 1)	=	7.86	
α1 *	=	90°	
h	=	0.33	
s	=		
i 1)*	=	1°26'37"	
w	=		

Barrel

F 1)*	=	7.62	
Z 1)	=	7.82	

Grooves

b	=	2.79	
N	=	6	
u	=	254.00	
Q	=	47.32	mm²

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

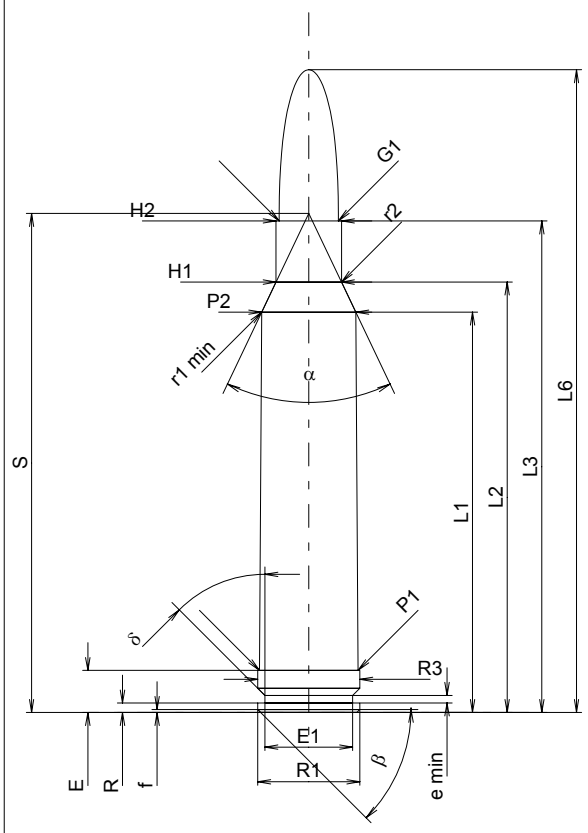
Notes: 1) Check for safety reasons
* Basic dimensions

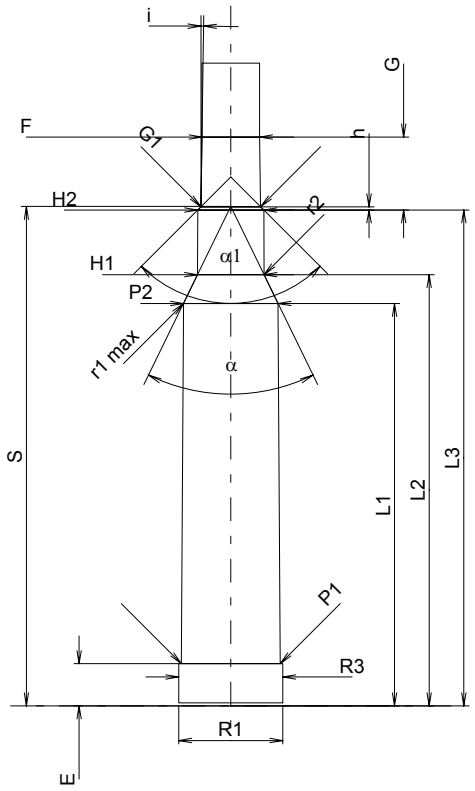
C.I.P.

308 Norma Mag.

Country of Origin: SE

TAB.	**III**
Date	**84-06-14**
Revision	**02-05-15**





Scale 1:1

CARTRIDGE MAXI

Lengths

L1	=	52.94	
L2	=	56.92	
L3 1)	=	65.00	
L4	=		
L5	=		
L6	=	85.00	

Case Head

R	=	1.25	
R1	=	13.50	
R3	=	13.50	
E 1)	=	5.56	-0.20
E1	=	11.60	
e min	=	1.00	
δ	=	45°	
f	=	0.40	
β	=	45°	

Powder Chamber

P1	=	13.03	
P2 *	=	12.45	

Junction Cone

α *	=	51°	
S *	=	65.99	
r1 min	=	1.00	
r2	=	3.00	

Collar

H1 *	=	8.65	
H2 1)	=	8.65	

Projectile

G1 1)	=	7.85	
G2	=		
F	=		
L3+G 1)	=	74.65	

Pressures (Energies)
Method Transducer

Pmax	=	4400	bar
PK	=	5060	bar
PE	=	5500	bar
M	=	25.00	
EE	=	4935	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=	53.22	
L2	=	57.03	
L3 1)	=	65.58	

Breech

R	=		
R1	=	13.75	
R2	=		
R3	=	13.75	
r	=		

Powder Chamber

E 1)	=	5.58	
P1 1)	=	13.06	
P2 *	=	12.52	

Junction Cone

α *	=	52°	
S *	=	66.05	
r1 max	=	2.00	
r2	=	3.60	

Collar

H1 *	=	8.80	
H2 1)	=	8.75	

Commencement of Rifling

G1 1)*	=	7.89	
G 1)	=	9.65	
α1 *	=	90°	
h	=	0.43	
s	=		
i 1)*	=	0°50'20"	
w	=		

Barrel

F 1)*	=	7.62	
Z 1)	=	7.82	

Grooves

b	=	4.47	
N	=	6	
u	=	254.00	
Q	=	47.51	mm²

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

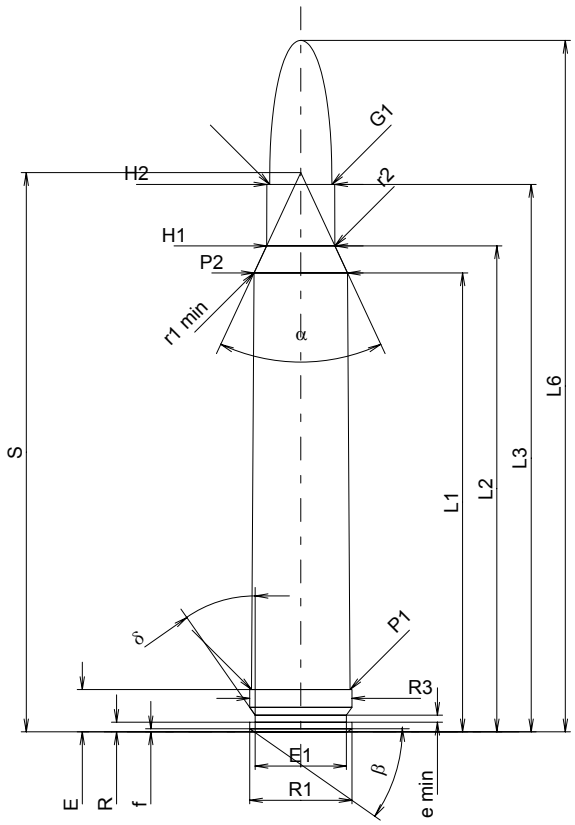
Notes: 1) Check for safety reasons
* Basic dimensions

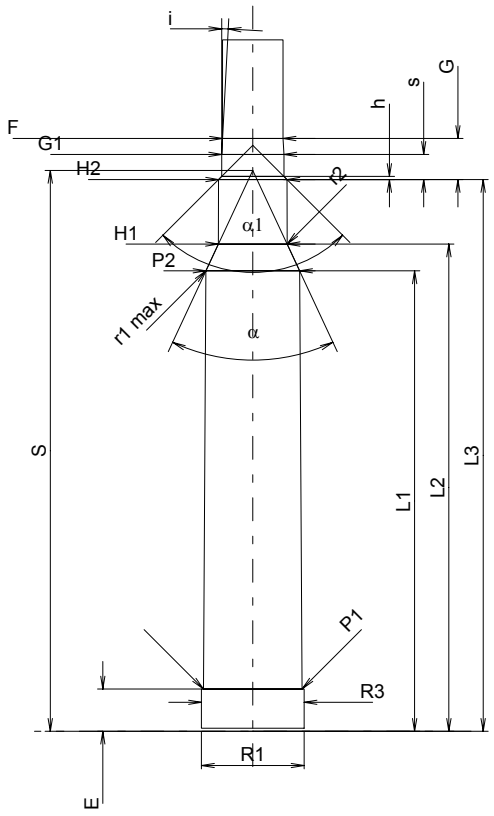
C.I.P.

8 mm Rem. Mag.

Country of Origin: US

TAB.	**III**
Date	**84-06-14**
Revision	**02-05-15**





Scale 1:1

CARTRIDGE MAXI

Lengths

L1	=	60.69	
L2	=	64.27	
L3 1)	=	72.39	
L4	=		
L5	=		
L6	=	91.44	

Case Head

R	=	1.27	
R1	=	13.51	
R3	=	13.51	
E 1)	=	5.59	-0.20
E1	=	12.07	
e min	=	0.94	
δ	=	35°	
f	=	0.41	
β	=	35°	

Powder Chamber

P1	=	13.03	
P2 *	=	12.36	

Junction Cone

α *	=	50°	
S *	=	73.94	
r1 min	=	1.02	
r2	=	3.18	

Collar

H1 *	=	9.02	
H2 1)	=	8.99	

Projectile

G1 1)	=	8.22	
G2	=		
F	=		
L3+G 1)	=	77.82	

Pressures (Energies)
Method Transducer

Pmax	=	4600	bar
PK	=	5290	bar
PE	=	5750	bar
M	=	25.00	
EE	=	5355	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=	60.88	
L2	=	64.44	
L3 1)	=	72.96	

Breech

R	=		
R1	=	13.59	
R2	=		
R3	=	13.59	
r	=		

Powder Chamber

E 1)	=	5.59	
P1 1)	=	13.05	
P2 *	=	12.39	

Junction Cone

α *	=	50°	
S *	=	74.17	
r1 max	=	0.76	
r2	=	3.81	

Collar

H1 *	=	9.07	
H2 1)	=	9.04	

Commencement of Rifling

G1 1)*	=	8.22	
G 1)	=	5.43	
α1 *	=	90°	
h	=	0.41	
s	=	3.33	
i 1)*	=	3°	
w	=		

Barrel

F 1)*	=	8.00	
Z 1)	=	8.20	

Grooves

b	=	3.10	
N	=	6	
u	=	254.00	
Q	=	52.17	mm²

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

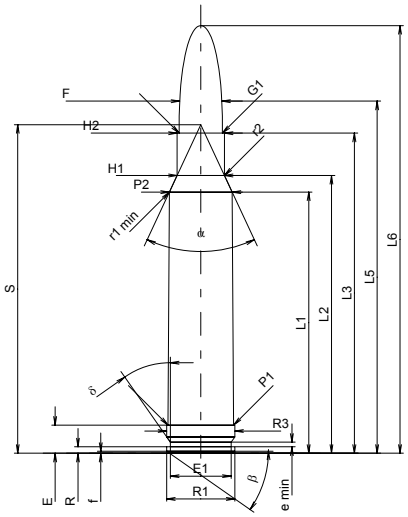
Notes: 1) Check for safety reasons
* Basic dimensions

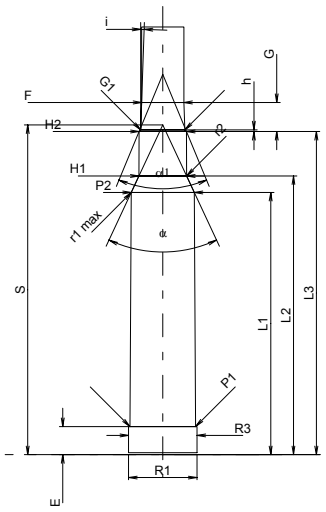
C.I.P.

338 Win. Mag.

Country of Origin: US

TAB.	**III**
Date	**84-06-14**
Revision	**02-05-15**





Scale 1:1.5

CARTRIDGE MAXI

Lengths

L1	=	51.82
L2	=	55.11
L3 1)	=	63.50
L4	=	
L5	=	69.85
L6	=	84.84

Case Head

R	=	1.27
R1	=	13.51
R3	=	13.51
E 1)	=	5.59
E1	=	12.07
e min	=	0.94
δ	=	35°
f	=	0.41
β	=	35°

Powder Chamber

P1	=	13.03
P2 *	=	12.47

Junction Cone

α *	=	50°
S *	=	65.19
r1 min	=	1.02
r2	=	3.18

Collar

H1 *	=	9.40
H2 1)	=	9.37

Projectile

G1 1)	=	8.61
G2	=	8.38
F	=	
L3+G 1)	=	69.27

Pressures (Energies)
Method Transducer

Pmax	=	4300	bar
PK	=	4945	bar
PE	=	5375	bar
M	=	25.00	
EE	=	5460	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10
delta L	=	

CHAMBER MINI

Lengths

L1	=	52.02
L2	=	55.30
L3 1)	=	64.11

Breech

R	=	
R1	=	13.59
R2	=	
R3	=	13.59
r	=	

Powder Chamber

E 1)	=	5.59
P1 1)	=	13.06
P2 *	=	12.50

Junction Cone

α *	=	50°
S *	=	65.42
r1 max	=	0.76
r2	=	3.81

Collar

H1 *	=	9.44
H2 1)	=	9.41

Commencement of Rifling

G1 1)*	=	8.76
G 1)	=	5.77
α1 *	=	45°
h	=	0.33
s	=	
i 1)*	=	2°
w	=	

Barrel

F 1)*	=	8.38
Z 1)	=	8.59

Grooves

b	=	2.79	
N	=	6	
u	=	254.00	
Q	=	56.95	mm²

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

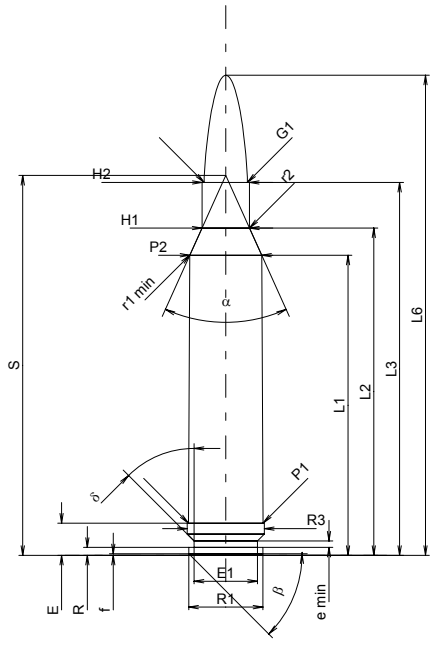
Notes: 1) Check for safety reasons
* Basic dimensions

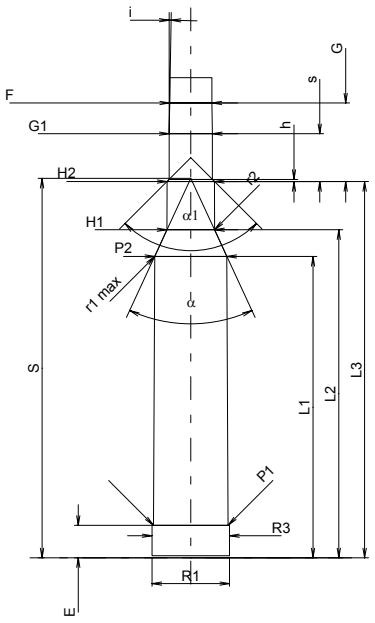
C.I.P.

338-378 Weath. Mag.

Country of Origin: US

TAB.	**III**
Date	**98-02-09**
Revision	**02-05-15**





Scale 1:1.5

CARTRIDGE MAXI

Lengths

L1	=	59.56	
L2	=	64.94	
L3 [1)]	=	73.99	
L4	=		
L5	=		
L6	=	95.25	

Case Head

R	=	1.60	
R1	=	14.71	
R3	=	15.33	
E [1)]	=	6.40	-0.20
E1	=	12.57	
e min	=	1.24	
δ	=	45°	
f	=	0.30	
β	=	45°	

Powder Chamber

P1	=	14.78	
P2 *	=	14.25	

Junction Cone

α *	=	48°31'12"	
S *	=	75.37	
r1 min	=	3.31	
r2	=	3.89	

Collar

H1 *	=	9.40	
H2 [1)]	=	9.37	

Projectile

G1 [1)]	=	8.60	
G2	=		
F	=		
L3+G [1)]	=	89.56	

Pressures (Energies)
Method Transducer

Pmax	=	4400	bar
PK	=	5060	bar
PE	=	5500	bar
M	=	25.00	
EE	=	7350	Joule

Miscellaneous Dimensions

Fe [1)]	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=	59.78
L2	=	65.07
L3 [1)]	=	74.65

Breech

R	=	
R1	=	15.39
R2	=	
R3	=	15.39
r	=	

Powder Chamber

E [1)]	=	6.43
P1 [1)]	=	14.81
P2 *	=	14.33

Junction Cone

α *	=	49°39'36"
S *	=	75.27
r1 max	=	3.05
r2	=	3.89

Collar

H1 *	=	9.44
H2 [1)]	=	9.41

Commencement of Rifling

G1 [1)*]	=	8.60
G [1)]	=	15.57
α1 *	=	90°
h	=	0.40
s	=	9.47
i [1)*]	=	1°02'
w	=	

Barrel

F [1)*]	=	8.38
Z [1)]	=	8.59

Grooves

b	=	3.20	
N	=	6	
u	=	254.00	
Q	=	57.22	mm²

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

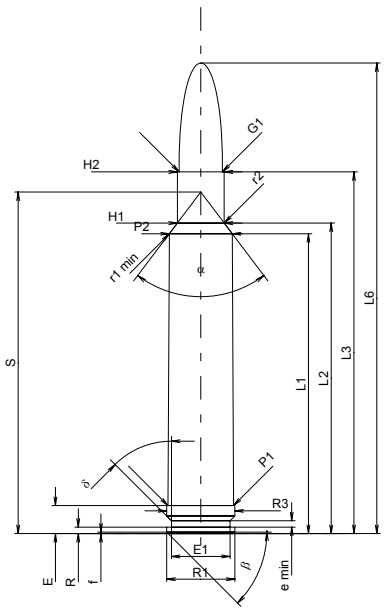
Notes: 1) Check for safety reasons
* Basic dimensions

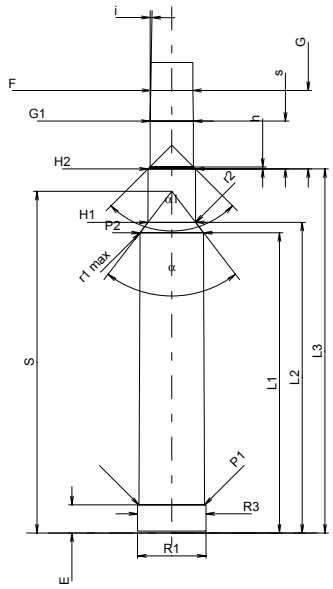
C.I.P.

340 Weath. Mag.

Country of Origin: US

TAB.	**III**
Date	**84-06-14**
Revision	**02-05-15**





Scale 1:1.5

CARTRIDGE MAXI

Lengths

L1	=	59.49	
L2	=	61.60	
L3 1)	=	71.76	
L4	=		
L5	=		
L6	=	93.35	

Case Head

R	=	1.30	
R1	=	13.50	
R3	=	13.50	
E 1)	=	5.56	-0.20
E1	=	11.61	
e min	=	1.24	
δ	=	45°	
f	=	0.30	
β	=	45°	

Powder Chamber

P1	=	13.00	
P2 *	=	12.49	

Junction Cone

α *	=	74°06'26"	
S *	=	67.76	
r1 min	=	3.30	
r2	=	4.62	

Collar

H1 *	=	9.30	
H2 1)	=	9.30	

Projectile

G1 1)	=	8.59	
G2	=		
F	=		
L3+G 1)	=	87.33	

Pressures (Energies)
Method Transducer

Pmax	=	4400	bar
PK	=	5060	bar
PE	=	5500	bar
M	=	25.00	
EE	=	6825	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=	59.59	
L2	=	61.65	
L3 1)	=	72.24	

Breech

R	=		
R1	=	13.56	
R2	=		
R3	=	13.56	
r	=		

Powder Chamber

E 1)	=	5.59	
P1 1)	=	13.06	
P2 *	=	12.59	

Junction Cone

α *	=	75°04'26"	
S *	=	67.79	
r1 max	=	3.05	
r2	=	4.62	

Collar

H1 *	=	9.43	
H2 1)	=	9.37	

Commencement of Rifling

G1 1)*	=	8.60	
G 1)	=	15.57	
α1 *	=	90°	
h	=	0.39	
s	=	9.47	
i 1)*	=	1°01'59"	
w	=		

Barrel

F 1)*	=	8.38	
Z 1)	=	8.59	

Grooves

b	=	3.20	
N	=	6	
u	=	254.00	
Q	=	57.22	mm²

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

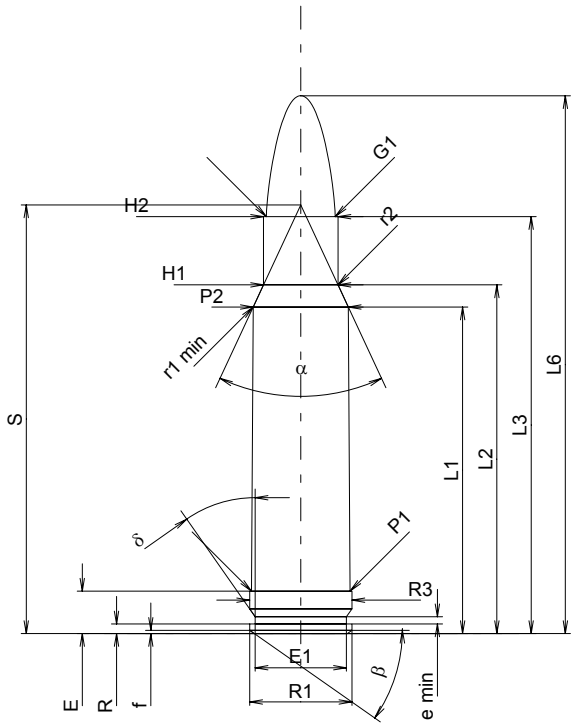
Notes: 1) Check for safety reasons
* Basic dimensions

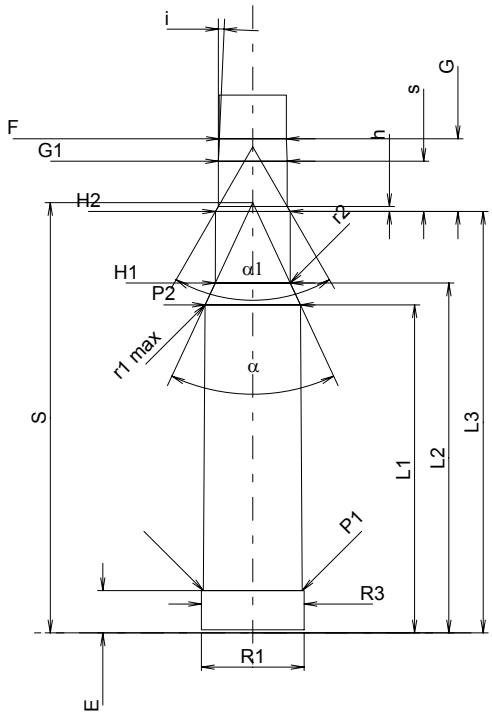
C.I.P.

350 Rem. Mag.

Country of Origin: US

TAB.	**III**
Date	**84-06-14**
Revision	**02-05-15**





Scale 1:1

CARTRIDGE MAXI

Lengths

L1	=	43.18	
L2	=	46.10	
L3 1)	=	55.12	
L4	=		
L5	=		
L6	=	71.12	

Case Head

R	=	1.27	
R1	=	13.51	
R3	=	13.51	
E 1)	=	5.59	-0.20
E1	=	12.07	
e min	=	0.94	
δ	=	35°	
f	=	0.41	
β	=	35°	

Powder Chamber

P1	=	13.03	
P2 *	=	12.58	

Junction Cone

α *	=	50°	
S *	=	56.67	
r1 min	=	0.76	
r2	=	2.54	

Collar

H1 *	=	9.86	
H2 1)	=	9.86	

Projectile

G1 1)	=	9.12	
G2	=		
F	=		
L3+G 1)	=	64.74	

Pressures (Energies)
Method Transducer

Pmax	=	4300	bar
PK	=	4945	bar
PE	=	5375	bar
M	=	25.00	
EE	=	4620	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=	43.39	
L2	=	46.27	
L3 1)	=	55.73	

Breech

R	=		
R1	=	13.59	
R2	=		
R3	=	13.59	
r	=		

Powder Chamber

E 1)	=	5.59	
P1 1)	=	13.06	
P2 *	=	12.60	

Junction Cone

α *	=	50°	
S *	=	56.90	
r1 max	=	0.76	
r2	=	2.79	

Collar

H1 *	=	9.91	
H2 1)	=	9.88	

Commencement of Rifling

G1 1)*	=	9.12	
G 1)	=	9.62	
α1 *	=	60°	
h	=	0.65	
s	=	6.64	
i 1)*	=	2°30'	
w	=		

Barrel

F 1)*	=	8.86	
Z 1)	=	9.07	

Grooves

b	=	3.30	
N	=	6	
u	=	406.00	
Q	=	63.78	mm²

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

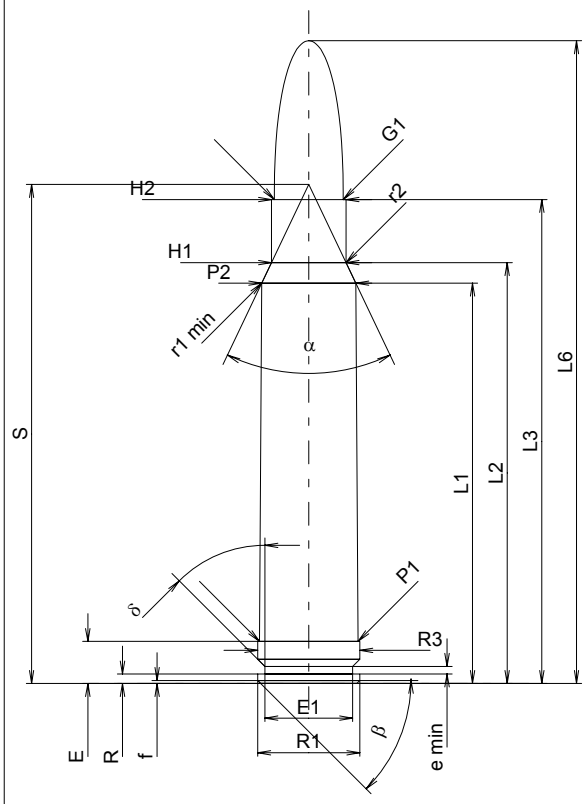
Notes: 1) Check for safety reasons
* Basic dimensions

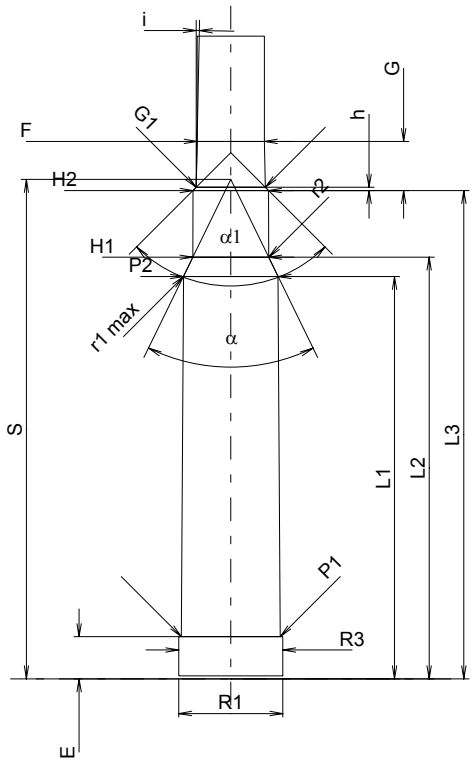
C.I.P.

358 Norma Mag.

Country of Origin: SE

TAB.	**III**
Date	**84-06-14**
Revision	**02-05-15**





Scale 1:1

CARTRIDGE MAXI

Lengths

L1	=	52.94	
L2	=	55.66	
L3 1)	=	64.00	
L4	=		
L5	=		
L6	=	85.00	

Case Head

R	=	1.25	
R1	=	13.50	
R3	=	13.50	
E 1)	=	5.56	-0.20
E1	=	11.60	
e min	=	1.00	
δ	=	45°	
f	=	0.40	
β	=	45°	

Powder Chamber

P1	=	13.03	
P2 *	=	12.45	

Junction Cone

α *	=	51°	
S *	=	65.99	
r1 min	=	1.00	
r2	=	3.00	

Collar

H1 *	=	9.85	
H2 1)	=	9.85	

Projectile

G1 1)	=	9.12	
G2	=		
F	=		
L3+G 1)	=	70.50	

Pressures (Energies)
Method Transducer

Pmax	=	4400	bar
PK	=	5060	bar
PE	=	5500	bar
M	=	25.00	
EE	=	4725	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=	53.22	
L2	=	55.77	
L3 1)	=	64.58	

Breech

R	=		
R1	=	13.75	
R2	=		
R3	=	13.75	
r	=		

Powder Chamber

E 1)	=	5.58	
P1 1)	=	13.06	
P2 *	=	12.52	

Junction Cone

α *	=	52°	
S *	=	66.05	
r1 max	=	2.00	
r2	=	3.60	

Collar

H1 *	=	10.03	
H2 1)	=	10.00	

Commencement of Rifling

G1 1)*	=	9.14	
G 1)	=	6.50	
α1 *	=	90°	
h	=	0.43	
s	=		
i 1)*	=	1°10'47"	
w	=		

Barrel

F 1)*	=	8.89	
Z 1)	=	9.10	

Grooves

b	=	3.40	
N	=	6	
u	=	305.00	
Q	=	64.27	mm²

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

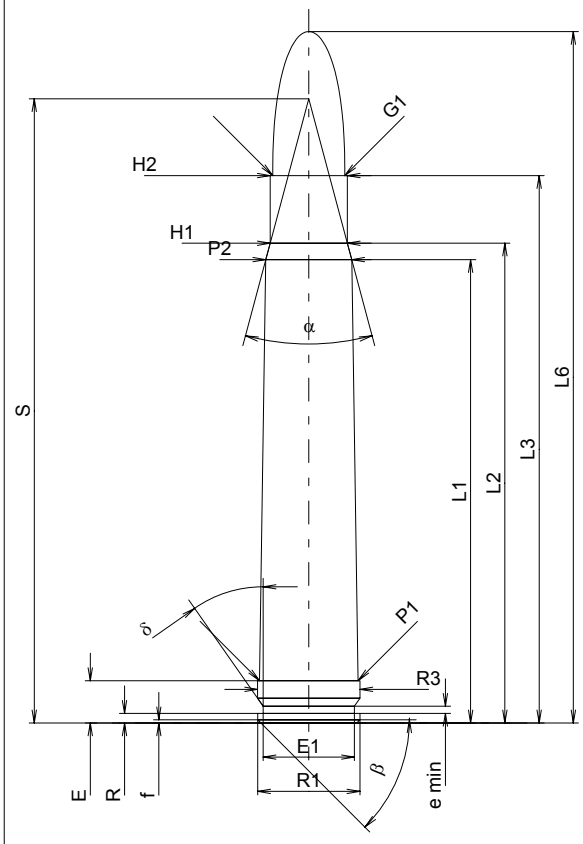
Notes: 1) Check for safety reasons
* Basic dimensions

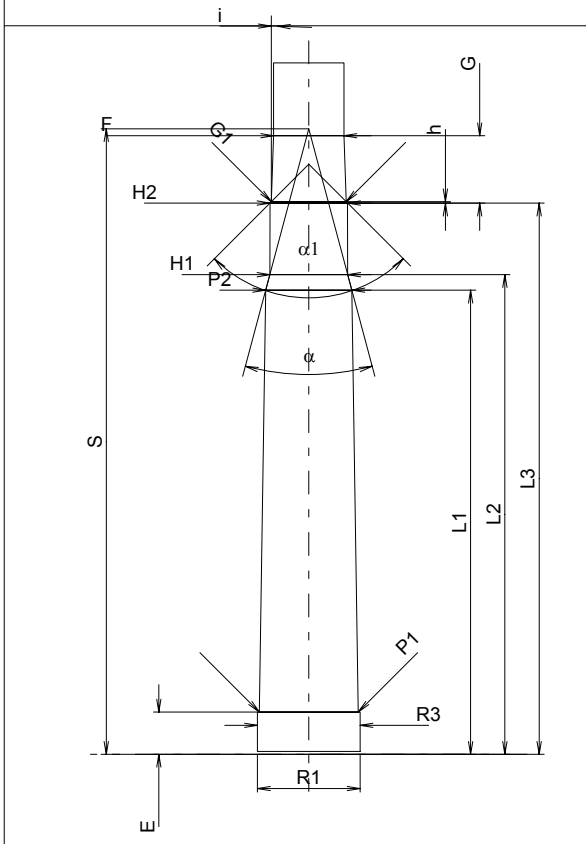
C.I.P.

375 H.& H. Mag.

Country of Origin: GB

TAB.	**III**
Date	**84-06-14**
Revision	**02-05-15**





Scale 1:1

CARTRIDGE MAXI

Lengths

L1 *	=	61.27
L2 *	=	63.44
L3 1)	=	72.39
L4	=	
L5	=	
L6	=	91.44

Case Head

R	=	1.27	
R1	=	13.51	
R3	=	13.56	
E 1)	=	5.59	-0.20
E1	=	12.07	
e min	=	0.94	
δ	=	35°	
f	=	0.41	
β	=	45°	

Powder Chamber

P1	=	13.03
P2 *	=	11.37

Junction Cone

α	=	29°55'43"
S	=	82.54
r1 min	=	
r2	=	

Collar

H1 *	=	10.21
H2 1)	=	10.21

Projectile

G1 1)	=	9.55
G2	=	
F	=	
L3+G 1)	=	81.30

Pressures (Energies)
Method Transducer

Pmax	=	4300	bar
PK	=	4945	bar
PE	=	5375	bar
M	=	25.00	
EE	=	6090	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10
delta L	=	

CHAMBER MINI

Lengths

L1 *	=	61.38
L2 *	=	63.44
L3 1)	=	72.90

Breech

R	=	
R1	=	13.59
R2	=	
R3	=	13.59
r	=	

Powder Chamber

E 1)	=	5.59
P1 1)	=	13.06
P2 *	=	11.39

Junction Cone

α	=	29°53'52"
S	=	82.71
r1 max	=	
r2	=	

Collar

H1 *	=	10.29
H2 1)	=	10.26

Commencement of Rifling

G1 1)*	=	9.91
G 1)*	=	8.91
α1	=	90°
h *	=	0.18
s	=	
i 1)	=	2°00'02"
w	=	

Barrel

F 1)*	=	9.30
Z 1)	=	9.55

Grooves

b	=	2.92	
N	=	6	
u	=	305.00	
Q	=	70.16	mm²

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

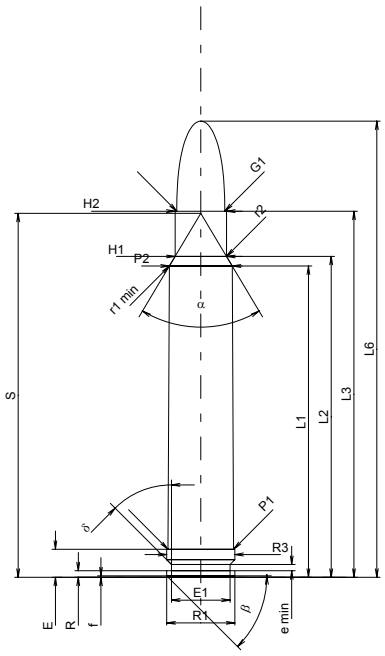
Notes: 1) Check for safety reasons
* Basic dimensions

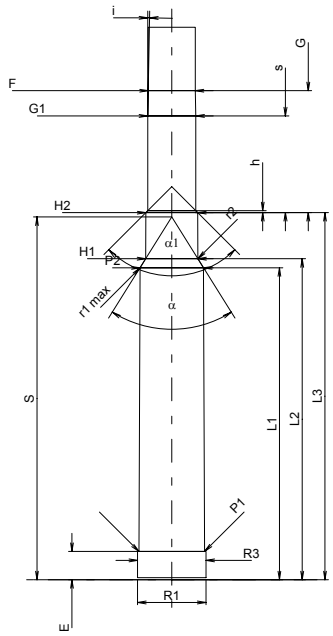
C.I.P.

375 Weath. Mag.

Country of Origin: US

TAB.	**III**
Date	**87-01-17**
Revision	**02-05-15**





Scale 1:1.5

CARTRIDGE MAXI

Lengths

L1	=	61.75	
L2	=	63.65	
L3 1)	=	72.64	
L4	=		
L5	=		
L6	=	90.50	

Case Head

R	=	1.30	
R1	=	13.50	
R3	=	13.50	
E 1)	=	5.56	-0.20
E1	=	11.61	
e min	=	1.24	
δ	=	45°	
f	=	0.30	
β	=	45°	

Powder Chamber

P1	=	13.00	
P2 *	=	12.49	

Junction Cone

α *	=	61°42'14"	
S *	=	72.20	
r1 min	=	3.30	
r2	=	4.62	

Collar

H1 *	=	10.21	
H2 1)	=	10.21	

Projectile

G1 1)	=	9.53	
G2	=		
F	=		
L3+G 1)	=	96.82	

Pressures (Energies)
Method Transducer

Pmax	=	4400	bar
PK	=	5060	bar
PE	=	5500	bar
M	=	25.00	
EE	=	7350	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=	61.87	
L2	=	63.67	
L3 1)	=	72.82	

Breech

R	=		
R1	=	13.56	
R2	=		
R3	=	13.56	
r	=		

Powder Chamber

E 1)	=	5.59	
P1 1)	=	13.06	
P2 *	=	12.59	

Junction Cone

α *	=	63°59'02"	
S *	=	71.95	
r1 max	=	3.05	
r2	=	4.62	

Collar

H1 *	=	10.35	
H2 1)	=	10.29	

Commencement of Rifling

G1 1)*	=	9.54	
G 1)	=	24.18	
α1 *	=	90°	
h	=	0.38	
s	=	19.18	
i 1)*	=	1°05'20"	
w	=		

Barrel

F 1)*	=	9.35	
Z 1)	=	9.53	

Grooves

b	=	3.25	
N	=	6	
u	=	305.00	
Q	=	70.45	mm²

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

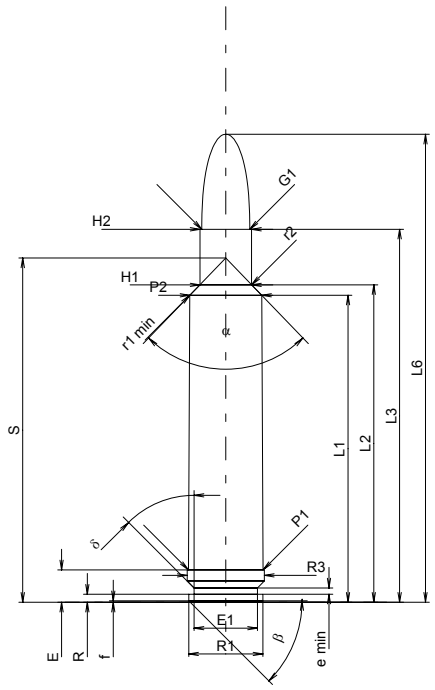
Notes: 1) Check for safety reasons
* Basic dimensions

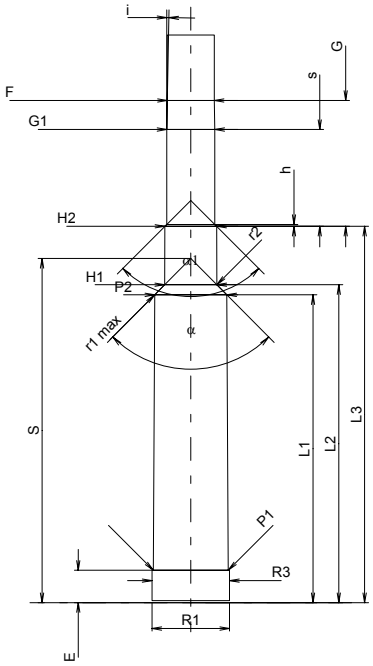
C.I.P.

378 Weath. Mag.

Country of Origin: US

TAB.	**III**
Date	**84-06-14**
Revision	**02-05-15**





Scale 1:1.5

CARTRIDGE MAXI

Lengths

L1	=	60.90	
L2	=	62.97	
L3 1)	=	73.99	
L4	=		
L5	=		
L6	=	92.84	

Case Head

R	=	1.60	
R1	=	14.71	
R3	=	15.33	
E 1)	=	6.40	-0.20
E1	=	12.57	
e min	=	1.24	
δ	=	45°	
f	=	0.30	
β	=	45°	

Powder Chamber

P1	=	14.78	
P2 *	=	14.24	

Junction Cone

α *	=	87°53'14"	
S *	=	68.28	
r1 min	=	3.30	
r2	=	3.84	

Collar

H1 *	=	10.24	
H2 1)	=	10.24	

Projectile

G1 1)	=	9.53	
G2	=		
F	=		
L3+G 1)	=	98.98	

Pressures (Energies)
Method Transducer

Pmax	=	4400	bar
PK	=	5060	bar
PE	=	5500	bar
M	=	25.00	
EE	=	8085	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=	61.07	
L2	=	63.06	
L3 1)	=	74.65	

Breech

R	=		
R1	=	15.39	
R2	=		
R3	=	15.39	
r	=		

Powder Chamber

E 1)	=	6.43	
P1 1)	=	14.83	
P2 *	=	14.31	

Junction Cone

α *	=	89°37'33"	
S *	=	68.27	
r1 max	=	3.05	
r2	=	3.84	

Collar

H1 *	=	10.35	
H2 1)	=	10.29	

Commencement of Rifling

G1 1)*	=	9.54	
G 1)	=	24.99	
α1 *	=	90°	
h	=	0.38	
s	=	19.20	
i 1)*	=	1°05'20"	
w	=		

Barrel

F 1)*	=	9.32	
Z 1)	=	9.53	

Grooves

b	=	3.25	
N	=	6	
u	=	305.00	
Q	=	70.31	mm²

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

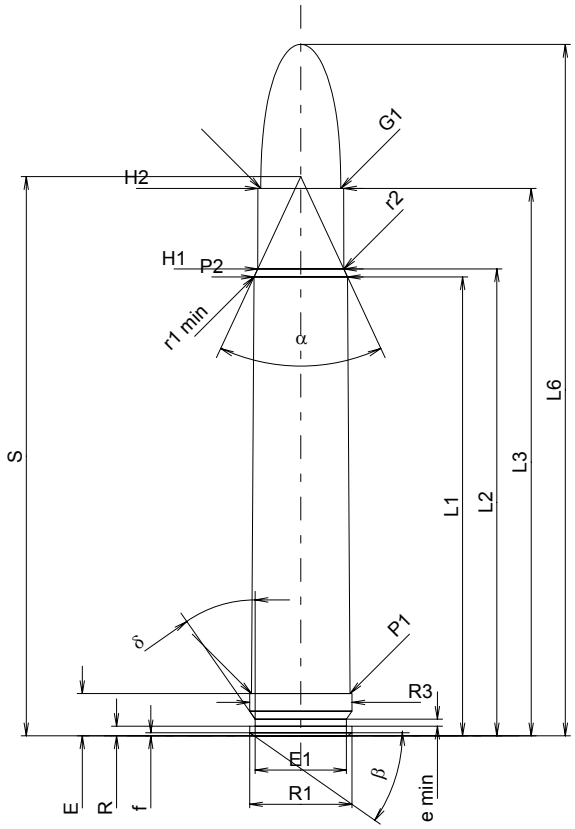
Notes: 1) Check for safety reasons
* Basic dimensions

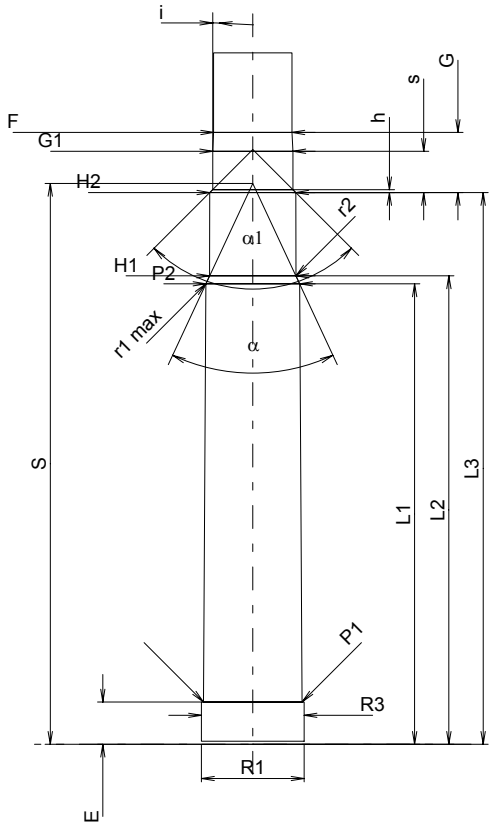
C.I.P.

416 Rem. Mag.

Country of Origin: US

TAB.	**III**
Date	**89-09-10**
Revision	**02-05-15**





Scale 1:1

CARTRIDGE MAXI

Lengths

L1	=	60.68	
L2	=	61.74	
L3 1)	=	72.39	
L4	=		
L5	=		
L6	=	91.44	

Case Head

R	=	1.27	
R1	=	13.51	
R3	=	13.51	
E 1)	=	5.59	-0.20
E1	=	12.06	
e min	=	0.94	
δ	=	35°	
f	=	0.41	
β	=	35°	

Powder Chamber

P1	=	13.02	
P2 *	=	12.36	

Junction Cone

α *	=	50°	
S *	=	73.94	
r1 min	=	1.02	
r2	=	2.54	

Collar

H1 *	=	11.38	
H2 1)	=	11.35	

Projectile

G1 1)	=	10.57	
G2	=		
F	=		
L3+G 1)	=	80.33	

Pressures (Energies)
Method Transducer

Pmax	=	4300	bar
PK	=	4945	bar
PE	=	5375	bar
M	=	25.00	
EE	=	7245	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=	60.88
L2	=	61.94
L3 1)	=	72.96

Breech

R	=	
R1	=	13.59
R2	=	
R3	=	13.59
r	=	

Powder Chamber

E 1)	=	5.59
P1 1)	=	13.05
P2 *	=	12.39

Junction Cone

α *	=	50°
S *	=	74.17
r1 max	=	0.76
r2	=	3.18

Collar

H1 *	=	11.41
H2 1)	=	11.38

Commencement of Rifling

G1 1)*	=	10.62
G 1)	=	7.94
α1 *	=	90°
h	=	0.38
s	=	5.46
i 1)*	=	3°
w	=	

Barrel

F 1)*	=	10.36
Z 1)	=	10.57

Grooves

b	=	3.25	
N	=	6	
u	=	356.00	
Q	=	86.38	mm²

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

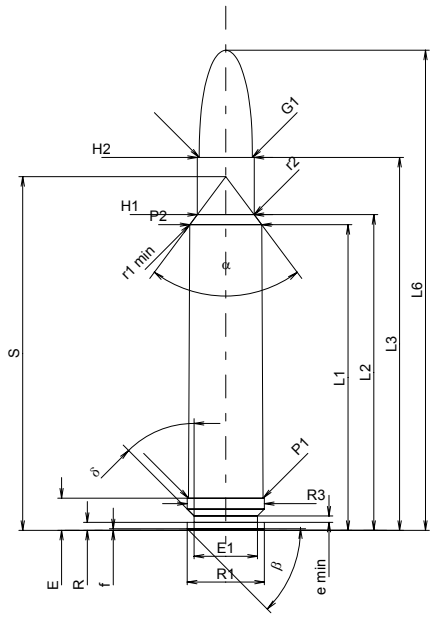
Notes: 1) Check for safety reasons
* Basic dimensions

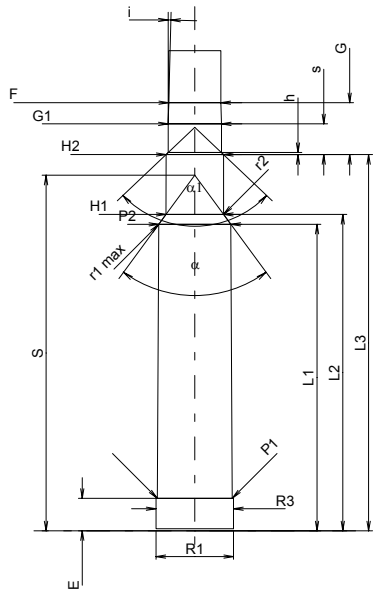
C.I.P.

416 Weath. Mag.

Country of Origin: US

TAB.	**III**
Date	**91-02-19**
Revision	**02-05-15**





Scale 1:1.5

CARTRIDGE MAXI

Lengths

L1	=	60.66
L2	=	62.64
L3 1)	=	73.99
L4	=	
L5	=	
L6	=	95.25

Case Head

R	=	1.60
R1	=	15.33
R3	=	15.33
E 1)	=	6.40
E1	=	12.57
e min	=	1.24
δ	=	45°
f	=	0.30
β	=	45°

Powder Chamber

P1	=	14.78
P2 *	=	14.24

Junction Cone

α *	=	73°32'42"
S *	=	70.19
r1 min	=	3.30
r2	=	4.17

Collar

H1 *	=	11.28
H2 1)	=	11.28

Projectile

G1 1)	=	10.57
G2	=	
F	=	
L3+G 1)	=	84.26

Pressures (Energies)
Method Transducer

Pmax	=	4400 bar
PK	=	5060 bar
PE	=	5500 bar
M	=	25.00
EE	=	9030 Joule

Miscellaneous Dimensions

Fe 1)	=	0.10
delta L	=	

CHAMBER MINI

Lengths

L1	=	60.79
L2	=	62.77
L3 1)	=	74.65

Breech

R	=	
R1	=	15.39
R2	=	
R3	=	15.39
r	=	

Powder Chamber

E 1)	=	6.43
P1 1)	=	14.83
P2 *	=	14.32

Junction Cone

α *	=	72°34'30"
S *	=	70.54
r1 max	=	3.05
r2	=	4.42

Collar

H1 *	=	11.41
H2 1)	=	11.38

Commencement of Rifling

G1 1)*	=	10.58
G 1)	=	10.27
α1 *	=	93°
h	=	0.38
s	=	6.07
i 1)*	=	1°30'
w	=	

Barrel

F 1)*	=	10.36
Z 1)	=	10.57

Grooves

b	=	3.23
N	=	6
u	=	356.00
Q	=	86.37 mm²

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

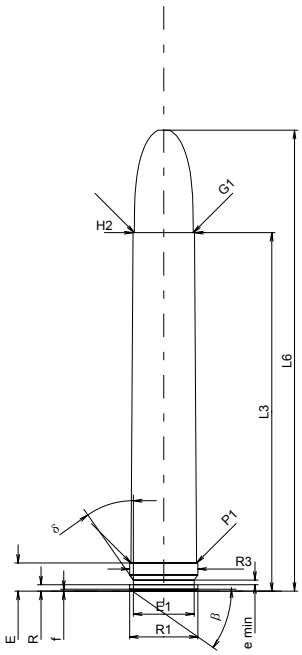
Notes: 1) Check for safety reasons
* Basic dimensions

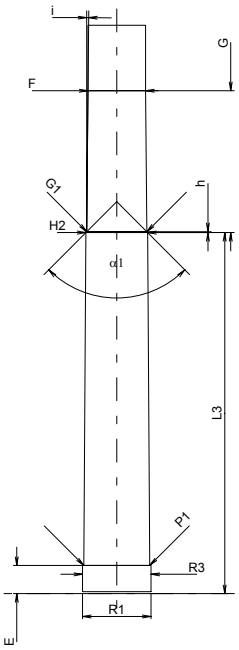
C.I.P.

458 Lott

Country of Origin: US

TAB.	**III**
Date	**00-08-24**
Revision	**02-05-15**





Scale 1:1.5

CARTRIDGE MAXI

Lengths

L1	=		
L2	=		
L3 1)	=	71.12	
L4	=		
L5	=		
L6	=	91.44	

Case Head

R	=	1.27	
R1	=	13.51	
R3	=	13.51	
E 1)	=	5.59	-0.20
E1	=	12.07	
e min	=	0.94	
δ	=	35°	
f	=	0.41	
β	=	35°	

Powder Chamber

P1	=	13.03	
P2	=		

Junction Cone

α	=		
S	=		
r1 min	=		
r2	=		

Collar

H1	=		
H2 1)	=	12.22	

Projectile

G1 1)	=	11.66	
G2	=		
F	=		
L3+G 1)	=	99.27	

Pressures (Energies)
Method Transducer

Pmax	=	4300	bar
PK	=	4945	bar
PE	=	5375	bar
M	=	25.00	
EE	=	7140	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=	
L2	=	
L3 1)	=	71.62

Breech

R	=	
R1	=	13.59
R2	=	
R3	=	13.59
r	=	

Powder Chamber

E 1)	=	5.59
P1 1)	=	13.08
P2	=	

Junction Cone

α	=	
S	=	
r1 max	=	
r2	=	

Collar

H1	=	
H2 1)	=	12.27

Commencement of Rifling

G1 1)*	=	11.91	
G 1)	=	28.15	
α1 *	=	90°	
h	=	0.18	
s	=		
i 1)*	=	0°29'30"	
w	=		

Barrel

F 1)*	=	11.43	
Z 1)	=	11.63	

Grooves

b	=	3.81	
N	=	6	
u	=	356.00	
Q	=	104.94	mm²

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

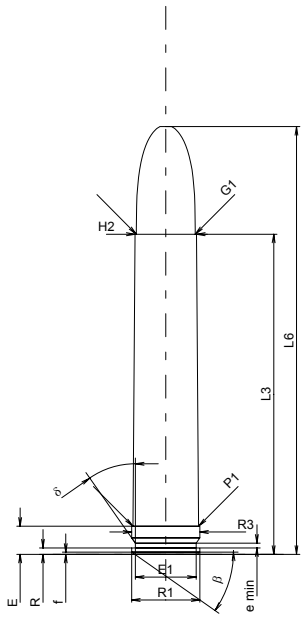
Notes: 1) Check for safety reasons
* Basic dimensions

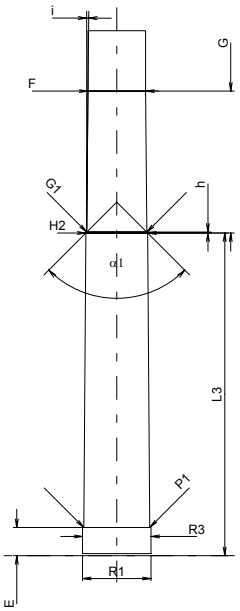
C.I.P.

458 Win. Mag.

Country of Origin: US

TAB.	**III**
Date	**84-06-14**
Revision	**02-05-15**





Scale 1:1.5

CARTRIDGE MAXI

Lengths

L1	=		
L2	=		
L3 1)	=	63.50	
L4	=		
L5	=		
L6	=	84.84	

Case Head

R	=	1.27	
R1	=	13.51	
R3	=	13.51	
E 1)	=	5.59	-0.20
E1	=	12.07	
e min	=	0.94	
δ	=	35°	
f	=	0.41	
β	=	35°	

Powder Chamber

P1	=	13.03	
P2	=		

Junction Cone

α	=		
S	=		
r1 min	=		
r2	=		

Collar

H1	=		
H2 1)	=	12.22	

Projectile

G1 1)	=	11.66	
G2	=		
F	=		
L3+G 1)	=	91.65	

Pressures (Energies)
Method Transducer

Pmax	=	4300	bar
PK	=	4945	bar
PE	=	5375	bar
M	=	25.00	
EE	=	6615	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=		
L2	=		
L3 1)	=	64.01	

Breech

R	=		
R1	=	13.59	
R2	=		
R3	=	13.59	
r	=		

Powder Chamber

E 1)	=	5.59	
P1 1)	=	13.08	
P2	=		

Junction Cone

α	=		
S	=		
r1 max	=		
r2	=		

Collar

H1	=		
H2 1)	=	12.27	

Commencement of Rifling

G1 1)*	=	11.91	
G 1)	=	28.15	
α1 *	=	90°	
h	=	0.18	
s	=		
i 1)*	=	0°29'30"	
w	=		

Barrel

F 1)*	=	11.43	
Z 1)	=	11.63	

Grooves

b	=	3.81	
N	=	6	
u	=	356.00	
Q	=	104.94	mm²

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

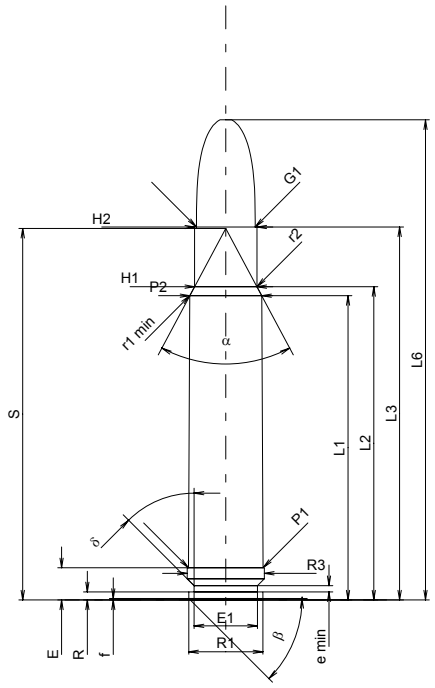
Notes: 1) Check for safety reasons
* Basic dimensions

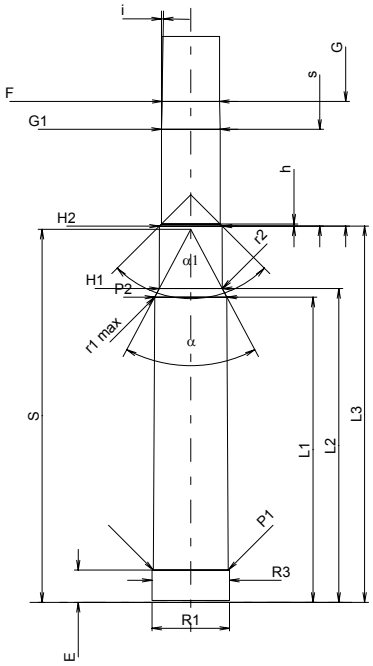
C.I.P.

460 Weath. Mag.

Country of Origin: US

TAB.	**III**
Date	**84-06-14**
Revision	**02-05-15**





Scale 1:1.5

CARTRIDGE MAXI

Lengths

L1	=	60.39	
L2	=	62.17	
L3 1)	=	73.99	
L4	=		
L5	=		
L6	=	95.25	

Case Head

R	=	1.60	
R1	=	14.71	
R3	=	15.33	
E 1)	=	6.40	-0.20
E1	=	12.57	
e min	=	1.24	
δ	=	45°	
f	=	0.30	
β	=	45°	

Powder Chamber

P1	=	14.78	
P2 *	=	14.24	

Junction Cone

α *	=	56°15'56"	
S *	=	73.71	
r1 min	=	3.30	
r2	=	4.72	

Collar

H1 *	=	12.34	
H2 1)	=	12.34	

Projectile

G1 1)	=	11.64	
G2	=		
F	=		
L3+G 1)	=	98.71	

Pressures (Energies)
Method Transducer

Pmax	=	4400	bar
PK	=	5060	bar
PE	=	5500	bar
M	=	25.00	
EE	=	10605	Joule

Miscellaneous Dimensions

Fe 1)	=	0.10	
delta L	=		

CHAMBER MINI

Lengths

L1	=	60.56	
L2	=	62.24	
L3 1)	=	74.65	

Breech

R	=		
R1	=	15.39	
R2	=		
R3	=	15.39	
r	=		

Powder Chamber

E 1)	=	6.43	
P1 1)	=	14.83	
P2 *	=	14.32	

Junction Cone

α *	=	56°05'38"	
S *	=	74.00	
r1 max	=	3.05	
r2	=	4.62	

Collar

H1 *	=	12.53	
H2 1)	=	12.47	

Commencement of Rifling

G1 1)*	=	11.64	
G 1)	=	24.72	
α1 *	=	90°	
h	=	0.42	
s	=	19.20	
i 1)*	=	1°05'20"	
w	=		

Barrel

F 1)*	=	11.43	
Z 1)	=	11.63	

Grooves

b	=	4.45	
N	=	6	
u	=	406.00	
Q	=	104.44	mm²

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

Notes: 1) Check for safety reasons
* Basic dimensions