

C.I.P.

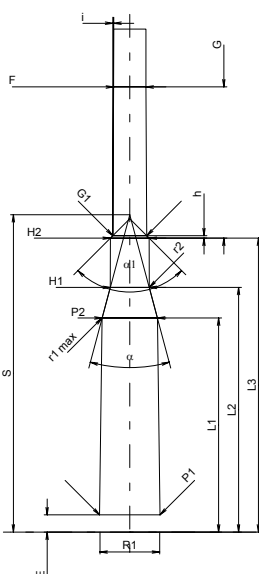
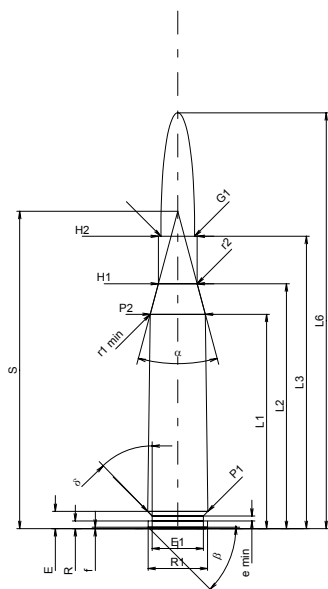
6,5 x 58 Mauser

Country of Origin: DE

TAB. I

Date 84-06-14

Revision 02-05-15



Scale 1:1.5

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

CARTRIDGE MAXI

Lengths

| | | | |
|------------------|---|-------|-------|
| L1 ¹⁾ | = | 42.52 | -0.20 |
| L2 ¹⁾ | = | 48.58 | -0.20 |
| L3 ¹⁾ | = | 58.00 | |
| L4 | = | | |
| L5 | = | | |
| L6 | = | 82.50 | |

Case Head

| | | | |
|-------|---|-------|--|
| R | = | 1.50 | |
| R1 | = | 11.80 | |
| R3 | = | | |
| E | = | 3.40 | |
| E1 | = | 10.20 | |
| e min | = | 1.00 | |
| delta | = | 45° | |
| f | = | 0.30 | |
| beta | = | 45° | |

Powder Chamber

| | | | |
|--------------------|---|-------|-------|
| P1 | = | 11.95 | |
| P2 ¹⁾ * | = | 10.95 | -0.20 |

Junction Cone

| | | | |
|--------|---|-----------|--|
| alpha | = | 30°01'18" | |
| S | = | 62.94 | |
| r1 min | = | 0.50 | |
| r2 | = | 0.50 | |

Collar

| | | | |
|------------------|---|------|--|
| H1* | = | 7.70 | |
| H2 ¹⁾ | = | 7.70 | |

Projectile

| | | | |
|--------------------|---|-------|--|
| G1 ¹⁾ | = | 6.70 | |
| G2 | = | | |
| F | = | | |
| L3+G ¹⁾ | = | 88.00 | |

Pressures (Energies)

Method Transducer

| | | | |
|------|---|------------|--|
| Pmax | = | 3550 bar | |
| PK | = | 4083 bar | |
| PE | = | 4440 bar | |
| M | = | 25.00 | |
| EE | = | 3330 Joule | |

Miscellaneous Dimensions

| | | | |
|------------------|---|------|--|
| Fe ¹⁾ | = | 0.15 | |
| delta L | = | | |

CHAMBER MINI

Lengths

| | | | |
|------------------|---|-------|--|
| L1* | = | 42.46 | |
| L2* | = | 48.53 | |
| L3 ¹⁾ | = | 58.30 | |

Breech

| | | | |
|----|---|-------|--|
| R | = | 1.50 | |
| R1 | = | 11.85 | |
| R2 | = | | |
| R3 | = | | |
| r | = | | |

Powder Chamber

| | | | |
|------------------|---|-------|--|
| E | = | 3.40 | |
| P1 ¹⁾ | = | 11.98 | |
| P2* | = | 10.98 | |

Junction Cone

| | | | |
|---------------------|---|-----------|--|
| alpha ¹⁾ | = | 29°58'26" | |
| S | = | 62.97 | |
| r1 max | = | 0.50 | |
| r2 | = | 0.50 | |

Collar

| | | | |
|------------------|---|------|--|
| H1* | = | 7.73 | |
| H2 ¹⁾ | = | 7.72 | |

Commencement of Rifling

| | | | |
|--------------------|---|----------|--|
| G1 ¹⁾ * | = | 6.75 | |
| G ¹⁾ * | = | 30.00 | |
| alpha1 | = | 90° | |
| h* | = | 0.49 | |
| s ¹⁾ | = | | |
| i | = | 0°17'28" | |
| w | = | | |

Barrel

| | | | |
|-------------------|---|------|--|
| F ¹⁾ * | = | 6.45 | |
| Z ¹⁾ | = | 6.70 | |

Grooves

| | | | |
|---|---|--------|-----------------|
| b | = | 3.50 | |
| N | = | 4 | |
| u | = | 200.00 | |
| Q | = | 34.52 | mm ² |

Notes: 1) Check for safety reasons
* Basic dimensions