

# C.I.P.

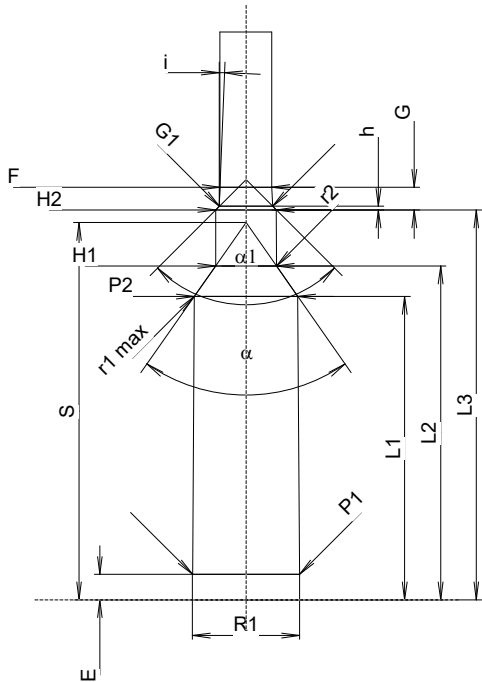
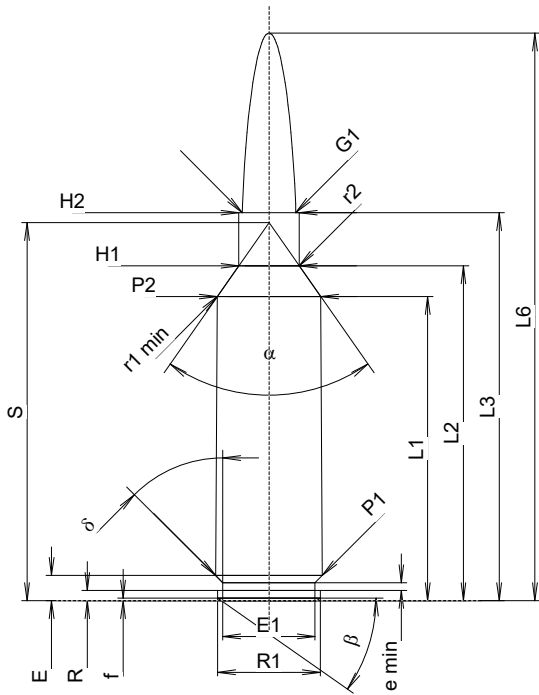
## 6,8 Western

Country of Origin: US

TAB. I

Date 22-11-08

Revision



Scale 1:1

Dimensions in << mm >>  
Dimensions and Tolerances for Proof Barrels  
see Appendix CR1.

### CARTRIDGE MAXI

#### Lengths

|                  |   |       |       |
|------------------|---|-------|-------|
| L1 <sup>1)</sup> | = | 40.22 | -0.20 |
| L2 <sup>1)</sup> | = | 44.29 | -0.20 |
| L3 <sup>1)</sup> | = | 51.31 |       |
| L4               | = |       |       |
| L5               | = |       |       |
| L6               | = | 75.06 |       |

#### Case Head

|       |   |       |  |
|-------|---|-------|--|
| R     | = | 1.37  |  |
| R1    | = | 13.59 |  |
| R3    | = |       |  |
| E     | = | 3.35  |  |
| E1    | = | 12.19 |  |
| e min | = | 1.02  |  |
| delta | = | 45°   |  |
| f     | = | 0.35  |  |
| beta  | = | 35°   |  |

#### Powder Chamber

|                    |   |       |       |
|--------------------|---|-------|-------|
| P1                 | = | 14.12 |       |
| P2 <sup>1)</sup> * | = | 13.67 | -0.20 |

#### Junction Cone

|         |   |       |  |
|---------|---|-------|--|
| alpha * | = | 70°   |  |
| S *     | = | 49.99 |  |
| r1 min  | = | 1.27  |  |
| r2      | = | 2.54  |  |

#### Collar

|                  |   |      |  |
|------------------|---|------|--|
| H1 *             | = | 7.98 |  |
| H2 <sup>1)</sup> | = | 7.98 |  |

#### Projectile

|                    |   |       |  |
|--------------------|---|-------|--|
| G1 <sup>1)</sup>   | = | 7.06  |  |
| G2                 | = |       |  |
| F                  | = |       |  |
| L3+G <sup>1)</sup> | = | 54.31 |  |

#### Pressures (Energies)

##### Method Transducer

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

#### Miscellaneous Dimensions

|                    |   |      |  |
|--------------------|---|------|--|
| Fe <sup>1)3)</sup> | = | 0.10 |  |
| delta L            | = | 0.10 |  |

### CHAMBER MINI

#### Lengths

|                  |   |       |  |
|------------------|---|-------|--|
| L1               | = | 40.10 |  |
| L2               | = | 44.15 |  |
| L3 <sup>1)</sup> | = | 51.56 |  |

#### Breech

|    |   |       |  |
|----|---|-------|--|
| R  | = |       |  |
| R1 | = | 14.19 |  |
| R2 | = |       |  |
| R3 | = |       |  |
| r  | = |       |  |

#### Powder Chamber

|                  |   |       |  |
|------------------|---|-------|--|
| E                | = | 3.35  |  |
| P1 <sup>1)</sup> | = | 14.15 |  |
| P2 *             | = | 13.70 |  |

#### Junction Cone

|                       |   |       |  |
|-----------------------|---|-------|--|
| alpha <sup>1)</sup> * | = | 70°   |  |
| S *                   | = | 49.89 |  |
| r1 max                | = | 1.27  |  |
| r2                    | = | 3.05  |  |

#### Collar

|                  |   |      |  |
|------------------|---|------|--|
| H1 *             | = | 8.03 |  |
| H2 <sup>1)</sup> | = | 8.00 |  |

#### Commencement of Rifling

|                    |   |       |  |
|--------------------|---|-------|--|
| G1 <sup>1)</sup> * | = | 7.06  |  |
| G <sup>1)</sup>    | = | 3.00  |  |
| alpha 1 *          | = | 90°   |  |
| h                  | = | 0.47  |  |
| s                  | = |       |  |
| i <sup>1)</sup> *  | = | 1°30' |  |
| w                  | = |       |  |

#### Barrel

|                   |   |      |  |
|-------------------|---|------|--|
| F <sup>1)</sup> * | = | 6.86 |  |
| Z <sup>1)</sup>   | = | 7.04 |  |

#### Grooves

|   |   |        |                 |
|---|---|--------|-----------------|
| b | = | 2.41   |                 |
| N | = | 6      |                 |
| u | = | 203.20 |                 |
| Q | = | 38.29  | mm <sup>2</sup> |

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