Alternative Names: 12,7 x 99

**CARTRIDGE MAXI**

<table>
<thead>
<tr>
<th>Lengths</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>( L_1 )</td>
<td>76.34 -0.20</td>
</tr>
<tr>
<td>( L_2 )</td>
<td>83.30 -0.20</td>
</tr>
<tr>
<td>( L_3 )</td>
<td>99.31</td>
</tr>
<tr>
<td>( L_4 )</td>
<td></td>
</tr>
<tr>
<td>( L_5 )</td>
<td></td>
</tr>
<tr>
<td>( L_6 )</td>
<td>138.43</td>
</tr>
</tbody>
</table>

**Case Head**

- \( R \) = 2.26
- \( R_1 \) = 20.42
- \( R_3 \) =
- \( E \) = 6.23
- \( E_1 \) = 17.27
- \( e_{\min} \) = 1.80
- \( \delta \) = 36°
- \( f \) = 0.84
- \( \beta \) = 45°

**Powder Chamber**

- \( P_1 \) = 20.42
- \( P_2 \) = 18.14 -0.20

**Junction Cone**

- \( \alpha \) = 31°28'
- \( S \) = 108.54
- \( r_{1\ min} \) =
- \( r_2 \) =

**Collar**

- \( H_1 \) = 14.22
- \( H_2 \) = 14.22

**Projectile**

- \( G_1 \) = 12.98
- \( G_2 \) =
- \( F \) =
- \( L_3+G \) = 132.50

**Pressures (Energies)**

- **Method Transducer**
  - \( P_{\max} \) = 3700 bar
  - \( P_K \) = 4255 bar
  - \( P_E \) = 4625 bar
  - \( M \) = 25.00
  - \( E_E \) = 15000 Joule

**Miscellaneous Dimensions**

- \( F_e \) = 0.15
- \( \delta L \) = 0.28

**Notes:**

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

Dimensions in << mm >>

Dimensions and Tolerances for Proof Barrels
see Appendix CR 1.

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