

I. DISPOSICIONES GENERALES

MINISTERIO DE ASUNTOS EXTERIORES, UNIÓN EUROPEA Y COOPERACIÓN

- 947** *Convenio para el reconocimiento recíproco de Punzones de Prueba de Armas de Fuego Portátiles y Reglamento con Anejos I y II, hechos en Bruselas el 1 de julio de 1969. Decisiones adoptadas por la Comisión Internacional Permanente para la prueba de armas de fuego portátiles en su XXXV Sesión Plenaria el 22 de mayo de 2019 (Decisiones XXXV-1 a XXXV-9).*

COMISIÓN INTERNACIONAL PERMANENTE PARA LA PRUEBA DE ARMAS DE FUEGO PORTÁTILES

La Comisión Internacional Permanente para la Prueba de Armas de Fuego, haciendo referencia al Convenio para el reconocimiento recíproco de punzones de prueba de armas de fuego portátiles y al Reglamento, hechos en Bruselas el 1 de julio de 1969, tiene el honor de poner en conocimiento de las Partes Contratantes las decisiones adoptadas en la reunión de la Subcomisión Técnica celebrada el 22 de mayo de 2019 en Bruselas.

XXXV-01 a 06: Lista de tablas TDCC, nuevos calibres

Decisiones adoptadas en aplicación del párrafo 1 del artículo 5 del Reglamento

Tabla I

| | |
|--------------------------|---------|
| Calibre 6 mm Creedmoor. | XXXV-01 |
| Calibre 6,5 G.A.P. 4S. | XXXV-02 |
| Calibre 8,5 x 55 Blaser. | XXXV-03 |
| Calibre 224 Valkyrie. | XXXV-04 |
| Calibre 300 PRC. | XXXV-05 |

Tabla X

| | |
|-----------------|---------|
| Calibre 345 TK. | XXXV-06 |
|-----------------|---------|

XXXV-07 a 09: Lista de tablas TDCC, calibres revisados

Decisiones adoptadas en aplicación del párrafo 1 del artículo 5 del reglamento

Tabla I

| | |
|---------------------------|---------|
| Calibre 7 mm Zentile. | XXXV-07 |
| Calibre 300 AAC Blackout. | XXXV-08 |

Tabla X

| | |
|-------------------------|---------|
| Calibre 40 x 46 BDLR X. | XXXV-09 |
|-------------------------|---------|

Modificaciones introducidas en los calibres:

- * 7 mm Zentile – BE de Gardone Italia: disminución del valor EE.
- * 40 x 46 BDLR X – BE de Saint Etienne – Francia: modificación de dimensiones y tolerancias.

| C. I. P. | 6 mm Creedmoor País de origen: US | TAB. | I |
|--|---|---|----------|
| | | Fecha | 22-05-19 |
| | | Revisión | |
| | CARTUCHO MAXI | RECÁMARA MINI | |
| | <p>Longitudes</p> <p>L1 ¹⁾ = 37.84 -0.20 L2 ¹⁾ = 41.94 -0.20 L3 ¹⁾ = 48.77 L4 = L5 = L6 = 71.12</p> <p>Culote</p> <p>R = 1.37 R1 = 11.99 R3 = E = 3.85 E1 = 10.39 e min = 1.40 δ = 36° f = β = 35°</p> <p>Recámara de pólvora</p> <p>P1 = 11.96 P2 ¹⁾* = 11.74 -0.20</p> <p>Cono de entrada</p> <p>α* = 60° S* = 48.00 r1 min = 0.76 r2 = 3.18</p> <p>Cuello</p> <p>H1* = 7.01 H2 ¹⁾ = 7.01</p> <p>Proyectil</p> <p>G1 ¹⁾ = 6.18 G2 = F = L3+G ¹⁾ = 57.09</p> <p>Presiones (Energías) Método Transductor</p> <p>Pmax = 4350 bares PK = 5003 bares PE = 5438 bares M = 25.00 EE = 3200 julios</p> <p>Otras indicaciones</p> <p>Fe ¹⁾³⁾ = 0.10 delta L = 0.06</p> | <p>Longitudes</p> <p>L 1 = 37.76 L 2 = 41.85 L 3 ¹⁾ = 49.32</p> <p>Cubeta</p> <p>R = R1 = 12.01 R2 = R3 = r =</p> <p>Recámara de pólvora</p> <p>E = 3.85 P1 ¹⁾ = 11.98 P2* = 11.76</p> <p>Cono de entrada</p> <p>α* = 60° S* = 47.95 r1 max = 0.76 r2 = 3.18</p> <p>Cuello</p> <p>H1* = 7.04 H2 ¹⁾ = 7.04</p> <p>Toma de rayas</p> <p>G1 ¹⁾* = 6.19 G = 8.33 α 1 = 90° h = 0.43 s = 5.08 i ¹⁾* = 1°30' w =</p> <p>Cañón</p> <p>F ¹⁾* = 6.02 Z ¹⁾ = 6.17</p> <p>Rayas</p> <p>b = 2.29 N = 6 u = 191.00 Q = 29.52 mm²</p> | |
| <p>Escala 1.13:1</p> <p>Dimensiones en «mm». Dimensiones y tolerancias para los cañones de prueba: Véase Anejo CR1.</p> | <p>Notas: 1) Verificar por seguridad. 3) Holgura en el cono de entrada. * Dimensiones básicas.</p> | | |

| C. I. P. | 6,5 G.A.P. 4S País de origen: US | TAB. | I |
|----------|--|--|--|
| | | Fecha | 22-05-19 |
| | | Revisión | |
| | <p>CARTUCHO MAXI</p> <p>Longitudes</p> <p>L1¹⁾ = 38.96 -0.20 L2¹⁾ = 44.30 -0.20 L3¹⁾ = 51.18 L4 = L5 = L6 = 76.30</p> <p>Culote</p> <p>R = 1.27 R1 = 13.56 R3 = E = 3.75 E1 = 12.07 e min = 0.94 delta = 32° f = 0.41 beta = 35°</p> <p>Recámara de pólvora</p> <p>P1 = 14.00 P2¹⁾ = 13.58 -0.20</p> <p>Cono de entrada</p> <p>alpha* = 60° S* = 50.72 r1 min = r2 = 3.18</p> <p>Cuello</p> <p>H1* = 7.42 H2¹⁾ = 7.42</p> <p>Proyectil</p> <p>G1¹⁾ = 6.71 G2 = F = L3+G¹⁾ = 60.25</p> <p>Presiones (Energías)</p> <p>Método Transductor</p> <p>Pmax = 4400 bares PK = 5060 bares PE = 5500 bares M = 25.00 EE = 5100 julios</p> <p>Otras indicaciones</p> <p>Fe¹⁾³⁾ = 0.10 delta L =</p> | <p>RECÁMARA MINI</p> <p>Longitudes</p> <p>L1 = 38.94 L2 = 44.21 L3¹⁾ = 51.44</p> <p>Cubeta</p> <p>R = R1 = 14.05 R2 = R3 = r =</p> <p>Recámara de pólvora</p> <p>E = 3.75 P1¹⁾ = 14.01 P2* = 13.61</p> <p>Cono de entrada</p> <p>alpha¹⁾* = 60° S* = 50.73 r1 max = r2 = 3.18</p> <p>Cuello</p> <p>H1* = 7.52 H2¹⁾ = 7.52</p> <p>Toma de rayas</p> <p>G1¹⁾* = 6.71 G¹⁾ = 9.07 alpha 1 = 90° h = 0.41 s* = 3.05 i¹⁾* = 1° w =</p> <p>Cañón</p> <p>F¹⁾* = 6.50 Z¹⁾ = 6.71</p> <p>Rayas</p> <p>b = 2.99 N = 5 u = 203.20 Q = 34.81 mm²</p> | |
| | | | <p>Escala 1.04:1</p> <p>Dimensiones en «mm». Dimensiones y tolerancias para los cañones de prueba: Véase Anejo CRI.</p> |

| C. I. P. | 8,5 x 55 Blaser País de origen: SE | TAB. | I |
|--|--|---|----------------------|
| | | Fecha | 22-05-19 |
| | | Revisión | |
| | CARTUCHO MAXI | | RECÁMARA MINI |
| | Longitudes L1 ¹⁾ = 42.38 -0.20 L2 ¹⁾ = 45.68 -0.20 L3 ¹⁾ = 54.70 L4 = L5 = L6 = 75.84 Culote R = 1.37 R1 = 13.59 R3 = E = 3.62 E1 = 12.19 e min = 1.42 δ = 45° f = 0.30 β = 35° Recámara de pólvora P1 = 13.84 P2 ¹⁾ * = 13.17 -0.20 Cono de entrada α * = 60° S * = 53.79 r1 min = 1.50 r2 = 2.00 Cuello H1 * = 9.36 H2 ¹⁾ = 9.36 Proyectil G1 ¹⁾ = 8.59 G2 = F = L3+G ¹⁾ = 65.10 Presiones (Energías) Método Transductor Pmax = 4300 bares PK = 4945 bares PE = 5375 bares M = 25.00 EE = 4500 julios Otras indicaciones Fe ¹⁾³⁾ = 0.10 delta L = | Longitudes L 1 = 42.35 L 2 = 45.62 L 3 ¹⁾ = 55.00 Cubeta R = 1.37 R1 = 13.92 R2 = R3 = r = Recámara de pólvora E = 3.62 P1 ¹⁾ = 13.87 P2 * = 13.21 Cono de entrada α ¹⁾ * = 60° S * = 53.79 r1 max = 1.50 r2 = 2.00 Cuello H1 * = 9.43 H2 ¹⁾ = 9.38 Toma de rayas G1 ¹⁾ * = 8.60 G2 ¹⁾ = 10.40 α l = 90° h = 0.39 s * = 2.00 i ¹⁾ * = 0°45' w = Cañón F ¹⁾ * = 8.38 Z ¹⁾ = 8.59 Rayas b = 4.27 N = 4 u = 304.80 Q = 57.03 mm ² | |
| | | | |
| Escala 1.01:1 | | | |
| Dimensiones en «mm». Dimensiones y tolerancias para los cañones de prueba: Véase Anejo CR1. | Notas: 1) Verificar por seguridad. 3) Holgura en el cono de entrada. * Dimensiones básicas. | | |

| C. I. P. | 224 Valkyrie País de origen: US | TAB. | I |
|----------|---|--|--|
| | | Fecha | 17-10-18 |
| | | Revisión | |
| | <p>CARTUCHO MAXI</p> <p>Longitudes</p> <p>L1 ¹⁾ = 30.56 -0.20 L2 ¹⁾ = 33.80 -0.20 L3 ¹⁾ = 40.64 L4 = L5 = L6 = 57.40</p> <p>Culote</p> <p>R = 1.24 R1 = 10.72 R3 = E = 3.20 E1 = 9.09 e min = 0.84 δ = 36° f = 0.38 β = 35°</p> <p>Recámara de pólvora</p> <p>P1 = 10.72 P2 ²⁾ = 10.24 -0.20</p> <p>Cono de entrada</p> <p>α * = 60° S * = 39.43 r1 min = 0.76 r2 = 3.18</p> <p>Cuello</p> <p>H1 * = 6.50 H2 ¹⁾ = 6.50</p> <p>Proyectil</p> <p>G1 ¹⁾ = 5.70 G2 = F = L3+G ¹⁾ = 45.20</p> <p>Presiones (Energías)</p> <p>Método Transductor</p> <p>Pmax = 4050 bares PK = 4658 bares PE = 5063 bares M = 25.00 EE = 1900 julios</p> <p>Otras indicaciones</p> <p>Fe ³⁾ = 0.10 delta L = 0.08</p> | <p>RECÁMARA MINI</p> <p>Longitudes</p> <p>L 1 = 30.45 L 2 = 33.68 L 3 ¹⁾ = 40.89</p> <p>Cubeta</p> <p>R = R1 = 10.81 R2 = R3 = r =</p> <p>Recámara de pólvora</p> <p>E = 5.08 P1 ¹⁾ = 10.72 P2 * = 10.28</p> <p>Cono de entrada</p> <p>α ¹⁾* = 60° S * = 39.35 r1 max = 0.64 r2 = 3.18</p> <p>Cuello</p> <p>H1 * = 6.55 H2 ¹⁾ = 6.55</p> <p>Toma de rayas</p> <p>G1 ¹⁾* = 5.71 G ¹⁾ = 4.56 α 1 = 90° h = 0.42 s * = 1.70 i ¹⁾* = 1°30' w =</p> <p>Cañón</p> <p>F ¹⁾* = 5.56 Z ¹⁾ = 5.69</p> <p>Rayas</p> <p>b = 1.88 N = 6 u = 177.80 Q = 25.03 mm²</p> | |
| | | <p>Escala 1.34:1</p> <p>Dimensiones en «mm». Dimensiones y tolerancias para los cañones de prueba: Véase Anejo CR1.</p> | <p>Notas: 1) Verificar por seguridad. 3) Holgura en el cono de entrada. * Dimensiones básicas.</p> |

| C. I. P. | 300 PRC País de origen: US | TAB. | I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|------------------|-----------------|-------|-------|------------------|---|-------|-------|------------------|---|-------|--|----|---|--|--|----|---|--|--|----|---|-------|--|---|---|------|--|----|---|-------|--|----|---|--|--|---|---|------|--|----|---|-------|--|-------|---|------|--|-------|---|-----|--|---|---|--|--|------|---|-----|--|----|---|-------|--|--------------------|---|-------|-------|--------|---|-----|--|----|---|-------|--|--------|---|------|--|----|---|------|--|-----|---|------|--|------------------|---|------|--|------------------|---|------|--|----|---|--|--|---|---|--|--|--------------------|---|-------|--|------|---|------|-------|----|---|------|-------|----|---|------|-------|---|---|-------|--|----|---|------|--------|--------------------|---|------|--|---------|---|------|--|---|-----|---|-------|--|-----|---|-------|--|-------------------|---|-------|--|---|---|--|--|----|---|-------|--|----|---|--|--|----|---|--|--|---|---|--|--|---|---|------|--|------------------|---|-------|--|-----|---|-------|--|-----------------------|---|-----|--|----|---|-------|--|--------|---|------|--|----|---|------|--|-----|---|------|--|------------------|---|------|--|--------------------|---|------|--|---|---|------|--|---------|---|-----|--|---|---|------|--|----|---|--|--|-------------------|---|-------|--|---|---|--|--|-------------------|---|------|--|-----------------|---|------|--|---|---|------|--|---|---|---|--|---|---|--------|--|---|---|-------|-----------------|
| | | Fecha | 22-05-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Revisión | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <p align="center">CARTUCHO MAXI</p> <p>Longitudes</p> <table> <tr><td>L1¹⁾</td><td>=</td><td>53.89</td><td>-0.20</td></tr> <tr><td>L2¹⁾</td><td>=</td><td>57.72</td><td>-0.20</td></tr> <tr><td>L3¹⁾</td><td>=</td><td>65.53</td><td></td></tr> <tr><td>L4</td><td>=</td><td></td><td></td></tr> <tr><td>L5</td><td>=</td><td></td><td></td></tr> <tr><td>L6</td><td>=</td><td>93.98</td><td></td></tr> </table> <p>Culote</p> <table> <tr><td>R</td><td>=</td><td>1.27</td><td></td></tr> <tr><td>R1</td><td>=</td><td>13.51</td><td></td></tr> <tr><td>R3</td><td>=</td><td></td><td></td></tr> <tr><td>E</td><td>=</td><td>3.25</td><td></td></tr> <tr><td>E1</td><td>=</td><td>12.07</td><td></td></tr> <tr><td>e min</td><td>=</td><td>0.94</td><td></td></tr> <tr><td>delta</td><td>=</td><td>35°</td><td></td></tr> <tr><td>f</td><td>=</td><td></td><td></td></tr> <tr><td>beta</td><td>=</td><td>35°</td><td></td></tr> </table> <p>Recámara de pólvora</p> <table> <tr><td>P1</td><td>=</td><td>13.53</td><td></td></tr> <tr><td>P2¹⁾*</td><td>=</td><td>13.08</td><td>-0.20</td></tr> </table> <p>Cono de entrada</p> <table> <tr><td>alpha*</td><td>=</td><td>60°</td><td></td></tr> <tr><td>S*</td><td>=</td><td>65.22</td><td></td></tr> <tr><td>r1 min</td><td>=</td><td>0.76</td><td></td></tr> <tr><td>r2</td><td>=</td><td>3.18</td><td></td></tr> </table> <p>Cuello</p> <table> <tr><td>H1*</td><td>=</td><td>8.66</td><td></td></tr> <tr><td>H2¹⁾</td><td>=</td><td>8.66</td><td></td></tr> </table> <p>Proyectil</p> <table> <tr><td>G1¹⁾</td><td>=</td><td>7.83</td><td></td></tr> <tr><td>G2</td><td>=</td><td></td><td></td></tr> <tr><td>F</td><td>=</td><td></td><td></td></tr> <tr><td>L3+G¹⁾</td><td>=</td><td>70.16</td><td></td></tr> </table> <p>Presiones (Energías)</p> <p>Método Transductor</p> <table> <tr><td>Pmax</td><td>=</td><td>4400</td><td>bares</td></tr> <tr><td>PK</td><td>=</td><td>5060</td><td>bares</td></tr> <tr><td>PE</td><td>=</td><td>5500</td><td>bares</td></tr> <tr><td>M</td><td>=</td><td>25.00</td><td></td></tr> <tr><td>EE</td><td>=</td><td>5800</td><td>julios</td></tr> </table> <p>Otras indicaciones</p> <table> <tr><td>Fe¹⁾³⁾</td><td>=</td><td>0.10</td><td></td></tr> <tr><td>delta L</td><td>=</td><td>0.11</td><td></td></tr> </table> | L1 ¹⁾ | = | 53.89 | -0.20 | L2 ¹⁾ | = | 57.72 | -0.20 | L3 ¹⁾ | = | 65.53 | | L4 | = | | | L5 | = | | | L6 | = | 93.98 | | R | = | 1.27 | | R1 | = | 13.51 | | R3 | = | | | E | = | 3.25 | | E1 | = | 12.07 | | e min | = | 0.94 | | delta | = | 35° | | f | = | | | beta | = | 35° | | P1 | = | 13.53 | | P2 ¹⁾ * | = | 13.08 | -0.20 | alpha* | = | 60° | | S* | = | 65.22 | | r1 min | = | 0.76 | | r2 | = | 3.18 | | H1* | = | 8.66 | | H2 ¹⁾ | = | 8.66 | | G1 ¹⁾ | = | 7.83 | | G2 | = | | | F | = | | | L3+G ¹⁾ | = | 70.16 | | Pmax | = | 4400 | bares | PK | = | 5060 | bares | PE | = | 5500 | bares | M | = | 25.00 | | EE | = | 5800 | julios | Fe ¹⁾³⁾ | = | 0.10 | | delta L | = | 0.11 | | <p align="center">RECÁMARA MINI</p> <p>Longitudes</p> <table> <tr><td>L 1</td><td>=</td><td>53.76</td><td></td></tr> <tr><td>L 2</td><td>=</td><td>57.57</td><td></td></tr> <tr><td>L 3¹⁾</td><td>=</td><td>66.14</td><td></td></tr> </table> <p>Cubeta</p> <table> <tr><td>R</td><td>=</td><td></td><td></td></tr> <tr><td>R1</td><td>=</td><td>13.58</td><td></td></tr> <tr><td>R2</td><td>=</td><td></td><td></td></tr> <tr><td>R3</td><td>=</td><td></td><td></td></tr> <tr><td>r</td><td>=</td><td></td><td></td></tr> </table> <p>Recámara de pólvora</p> <table> <tr><td>E</td><td>=</td><td>3.25</td><td></td></tr> <tr><td>P1¹⁾</td><td>=</td><td>13.55</td><td></td></tr> <tr><td>P2*</td><td>=</td><td>13.11</td><td></td></tr> </table> <p>Cono de entrada</p> <table> <tr><td>alpha¹⁾*</td><td>=</td><td>60°</td><td></td></tr> <tr><td>S*</td><td>=</td><td>65.11</td><td></td></tr> <tr><td>r1 max</td><td>=</td><td>0.76</td><td></td></tr> <tr><td>r2</td><td>=</td><td>3.18</td><td></td></tr> </table> <p>Cuello</p> <table> <tr><td>H1*</td><td>=</td><td>8.71</td><td></td></tr> <tr><td>H2¹⁾</td><td>=</td><td>8.69</td><td></td></tr> </table> <p>Toma de rayas</p> <table> <tr><td>G1¹⁾*</td><td>=</td><td>7.84</td><td></td></tr> <tr><td>G</td><td>=</td><td>4.63</td><td></td></tr> <tr><td>alpha 1</td><td>=</td><td>90°</td><td></td></tr> <tr><td>h</td><td>=</td><td>0.43</td><td></td></tr> <tr><td>s*</td><td>=</td><td></td><td></td></tr> <tr><td>i¹⁾*</td><td>=</td><td>1°30'</td><td></td></tr> <tr><td>w</td><td>=</td><td></td><td></td></tr> </table> <p>Cañón</p> <table> <tr><td>F¹⁾*</td><td>=</td><td>7.62</td><td></td></tr> <tr><td>Z¹⁾</td><td>=</td><td>7.82</td><td></td></tr> </table> <p>Rayas</p> <table> <tr><td>b</td><td>=</td><td>2.92</td><td></td></tr> <tr><td>N</td><td>=</td><td>6</td><td></td></tr> <tr><td>u</td><td>=</td><td>216.00</td><td></td></tr> <tr><td>Q</td><td>=</td><td>47.40</td><td>mm²</td></tr> </table> | L 1 | = | 53.76 | | L 2 | = | 57.57 | | L 3 ¹⁾ | = | 66.14 | | R | = | | | R1 | = | 13.58 | | R2 | = | | | R3 | = | | | r | = | | | E | = | 3.25 | | P1 ¹⁾ | = | 13.55 | | P2* | = | 13.11 | | alpha ¹⁾ * | = | 60° | | S* | = | 65.11 | | r1 max | = | 0.76 | | r2 | = | 3.18 | | H1* | = | 8.71 | | H2 ¹⁾ | = | 8.69 | | G1 ¹⁾ * | = | 7.84 | | G | = | 4.63 | | alpha 1 | = | 90° | | h | = | 0.43 | | s* | = | | | i ¹⁾ * | = | 1°30' | | w | = | | | F ¹⁾ * | = | 7.62 | | Z ¹⁾ | = | 7.82 | | b | = | 2.92 | | N | = | 6 | | u | = | 216.00 | | Q | = | 47.40 | mm ² |
| | | L1 ¹⁾ | = | 53.89 | -0.20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L2 ¹⁾ | = | 57.72 | -0.20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L3 ¹⁾ | = | 65.53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L4 | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L5 | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L6 | = | 93.98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R | = | 1.27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R1 | = | 13.51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R3 | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E | = | 3.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E1 | = | 12.07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| e min | = | 0.94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| delta | = | 35° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| f | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| beta | = | 35° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P1 | = | 13.53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P2 ¹⁾ * | = | 13.08 | -0.20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| alpha* | = | 60° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S* | = | 65.22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| r1 min | = | 0.76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| r2 | = | 3.18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H1* | = | 8.66 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H2 ¹⁾ | = | 8.66 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G1 ¹⁾ | = | 7.83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G2 | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| L3+G ¹⁾ | = | 70.16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pmax | = | 4400 | bares | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PK | = | 5060 | bares | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PE | = | 5500 | bares | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M | = | 25.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EE | = | 5800 | julios | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fe ¹⁾³⁾ | = | 0.10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| delta L | = | 0.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 1 | = | 53.76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 2 | = | 57.57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 3 ¹⁾ | = | 66.14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R1 | = | 13.58 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R2 | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R3 | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| E | = | 3.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P1 ¹⁾ | = | 13.55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P2* | = | 13.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| alpha ¹⁾ * | = | 60° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S* | = | 65.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| r1 max | = | 0.76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| r2 | = | 3.18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H1* | = | 8.71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H2 ¹⁾ | = | 8.69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G1 ¹⁾ * | = | 7.84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G | = | 4.63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| alpha 1 | = | 90° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| h | = | 0.43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| s* | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| i ¹⁾ * | = | 1°30' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| w | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F ¹⁾ * | = | 7.62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Z ¹⁾ | = | 7.82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| b | = | 2.92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N | = | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| u | = | 216.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Q | = | 47.40 | mm ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Escala 1.1:13</p> <p>Dimensiones en «mm». Dimensiones y tolerancias para los cañones de prueba: Véase Anejo CR1.</p> | <p>Notas: 1) Verificar por seguridad. 3) Holgura en el cono de entrada. * Dimensiones básicas.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| C. I. P. | 7 mm Zentile | | TAB. | I |
|--|--|---|---|----------|
| | País de origen: IT | | Fecha | 17-10-18 |
| | | | Revisión | 22-05-19 |
| | CARTUCHO MAXI | | RECÁMARA MINI | |
| | Longitudes L1 ¹⁾ = 33.09 -0.20 L2 ¹⁾ = 36.52 -0.20 L3 ¹⁾ = 45.00 L4 = L5 = L6 = 65.00 Culote R = 1.37 R1 = 13.59 R3 = E = 3.36 E1 = 12.19 e min = 1.02 delta = 45° f = 0.36 beta = 35° Recámara de pólvora P1 = 14.12 P2 ¹⁾ * = 13.76 -0.20 Cono de entrada alpha * = 80° S * = 41.28 r1 min = 1.27 r2 = 2.50 Cuello H1 * = 8.00 H2 ¹⁾ = 8.00 Proyectil G1 ¹⁾ = 7.23 G2 = F = L3+G ¹⁾ = 53.19 Presiones (Energías) Método Transductor Pmax = 4400 bares PK = 5060 bares PE = 5500 bares M = 25.00 EE = 3700 julios Otras indicaciones Fe ¹⁾³⁾ = 0.10 delta L = 0.12 | | Longitudes L 1 = 32.95 L 2 = 36.37 L 3 ¹⁾ = 45.25 Cubeta R = R1 = 14.19 R2 = R3 = r = Recámara de pólvora E = 3.35 P1 ¹⁾ = 14.15 P2 * = 13.79 Cono de entrada alpha ¹⁾ * = 80° S * = 41.17 r1 max = 1.27 r2 = 3.05 Cuello H1 * = 8.05 H2 ¹⁾ = 8.05 Toma de rayas G1 ¹⁾ * = 7.23 G = 8.19 alpha 1 = 85° h = 0.45 s * = 2.75 i ¹⁾ * = 1° w = Cañón F ¹⁾ * = 7.04 Z ¹⁾ = 7.21 Rayas b = 2.79 N = 6 u = 241.00 Q = 40.39 mm ² | |
| | | | | |
| Escala 1.03:1 | | | | |
| Dimensiones en «mm». Dimensiones y tolerancias para los cañones de prueba: Véase Anejo CR1. | | Notas: 1) Verificar por seguridad. 3) Holgura en el cono de entrada. * Dimensiones básicas. | | |

| C. I. P. | 300 AAC Blackout País de origen: US | TAB. | I |
|--|---|---|----------------------|
| | | Fecha | 19-05-15 |
| | | Revisión | 17-10-18 |
| | CARTUCHO MAXI | | RECÁMARA MINI |
| | <p>Longitudes</p> <p>L1 ¹⁾ = 27.20 -0.20</p> <p>L2 ¹⁾ = 28.00 -0.20</p> <p>L3 ¹⁾ = 34.75</p> <p>L4 =</p> <p>L5 =</p> <p>L6 = 57.40</p> <p>Culote</p> <p>R = 1.14</p> <p>R1 = 9.60</p> <p>R3 =</p> <p>E = 3.15</p> <p>E1 = 8.43</p> <p>e min = 0.76</p> <p>δ = 25°</p> <p>f = 0.45</p> <p>β = 35°</p> <p>Recámara de pólvora</p> <p>P1 = 9.60</p> <p>P2 ¹⁾* = 9.16 -0.20</p> <p>Cono de entrada</p> <p>α * = 46°</p> <p>S * = 37.99</p> <p>r1 min = 0.64</p> <p>r2 = 1.27</p> <p>Cuello</p> <p>H1 * = 8.48</p> <p>H2 ¹⁾ = 8.48</p> <p>Proyectil</p> <p>G1 ¹⁾ = 7.85</p> <p>G2 =</p> <p>F = 7.82</p> <p>L3+G ¹⁾ = 43.89</p> <p>Presiones (Energías) Método Transductor</p> <p>Pmax = 3900 bares</p> <p>PK = 4485 bares</p> <p>PE = 4875 bares</p> <p>M = 17.50</p> <p>EE = 2000 julios</p> <p>Otras indicaciones</p> <p>Fe ¹⁾³⁾ = 0.10</p> <p>delta L = 0.08</p> | <p>Longitudes</p> <p>L 1 = 27.09</p> <p>L 2 = 27.83</p> <p>L 3 ¹⁾ = 35.00</p> <p>Cubeta</p> <p>R =</p> <p>R1 = 9.66</p> <p>R2 =</p> <p>R3 =</p> <p>r =</p> <p>Recámara de pólvora</p> <p>E = 3.15</p> <p>P1 ¹⁾ = 9.62</p> <p>P2 * = 9.19</p> <p>Cono de entrada</p> <p>α ¹⁾* = 46°</p> <p>S * = 37.91</p> <p>r1 max = 0.64</p> <p>r2 = 1.27</p> <p>Cuello</p> <p>H1 * = 8.56</p> <p>H2 ¹⁾ = 8.51</p> <p>Toma de rayas</p> <p>G1 ¹⁾* = 7.85</p> <p>G = 9.14</p> <p>α 1 = 90°</p> <p>h = 0.33</p> <p>s * = 4.75</p> <p>i ¹⁾* = 1°30'</p> <p>w =</p> <p>Cañón</p> <p>F ¹⁾* = 7.62</p> <p>Z ¹⁾ = 7.62</p> <p>Rayas</p> <p>b = 4.52</p> <p>N = 4</p> <p>u = 203.20</p> <p>Q = 47.54 mm²</p> | |
| <p>Escala 1.37:1</p> <p>Dimensiones en «mm».</p> <p>Dimensiones y tolerancias para los cañones de prueba: Véase Anejo CR1.</p> | <p>Notas: 1) Verificar por seguridad.</p> <p>3) Holgura en el cono de entrada.</p> <p>* Dimensiones básicas.</p> | | |

| C. I. P. | 40 x 46 BDLR X País de origen: FR | TAB. | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|------------------------------------|----------|----------------|--------|--|-------------------------|----------------|---------------|--------|-----|----------|----------------|----------------|--------|-----|---------|-------------|----------------|--------|-----|--------|---------------|---------------|--|--|-----------|--|-------------|--|--|-------|--------|----------|--|--|-------|--------|-------------------|--|--|-------|--|---------|--|--|-------|--|-------------------|--|--|-----------|--|--|--|--|----|--------|--|--|--|---|-------|--|--|--|---|--------|-------------------|-----|--|------------|--|--|--|--|-------|--------------|--|--|--|----|--------------|--|--|--|---------|------------------------|--|--|--|--|---------------------------|--|--|--|--|--|
| | | Fecha | 30-05-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Revisión | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CARTUCHO MAXI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="0"> <tr> <td></td> <td style="text-align: center;">Maxi</td> <td style="text-align: center;">Mini</td> <td></td> <td></td> </tr> <tr> <td>Culote</td> <td>dia. d = 41.20</td> <td>40.90</td> <td>(1)</td> <td></td> </tr> <tr> <td>Reborde</td> <td>dia. g = 43.90</td> <td>43.60</td> <td></td> <td></td> </tr> <tr> <td>Reborde</td> <td>ép.t = 2.03</td> <td>1.91</td> <td>(1)</td> <td></td> </tr> <tr> <td>Zapata</td> <td>dia.h = 41.35</td> <td>41.20</td> <td></td> <td></td> </tr> <tr> <td>Longitud:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>L3</td> <td>= 45.2</td> <td></td> <td></td> <td></td> </tr> <tr> <td>I</td> <td>= 96.0</td> <td>Tolerancia: - 2.0</td> <td></td> <td></td> </tr> </table> | | Maxi | Mini | | | Culote | dia. d = 41.20 | 40.90 | (1) | | Reborde | dia. g = 43.90 | 43.60 | | | Reborde | ép.t = 2.03 | 1.91 | (1) | | Zapata | dia.h = 41.35 | 41.20 | | | Longitud: | | | | | L3 | = 45.2 | | | | I | = 96.0 | Tolerancia: - 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Maxi | Mini | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Culote | dia. d = 41.20 | 40.90 | (1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reborde | dia. g = 43.90 | 43.60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reborde | ép.t = 2.03 | 1.91 | (1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Zapata | dia.h = 41.35 | 41.20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Longitud: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L3 | = 45.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I | = 96.0 | Tolerancia: - 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | RECÁMARA MÍNIMA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="0"> <tr> <td>Alojamiento del reborde</td> <td>dia.</td> <td>G mini = 44.05</td> <td>+ 0.10</td> <td></td> </tr> <tr> <td>Alojamiento del reborde</td> <td>pro.</td> <td>T mini = 2.00</td> <td>+ 0.10</td> <td>(1)</td> </tr> <tr> <td>Recámara</td> <td>dia.</td> <td>H mini = 41.50</td> <td>+ 0.20</td> <td>(1)</td> </tr> <tr> <td>Cañón</td> <td>dia.</td> <td>B mini = 40.80</td> <td>+ 0.04</td> <td>(1)</td> </tr> <tr> <td>Cañón</td> <td>ángulo</td> <td>a1 mini = 10°</td> <td></td> <td></td> </tr> <tr> <td>Cañón</td> <td></td> <td>N = 6 Rayas</td> <td></td> <td></td> </tr> <tr> <td>Cañón</td> <td></td> <td>F = 40.8</td> <td></td> <td></td> </tr> <tr> <td>Cañón</td> <td></td> <td>Z = 41,4</td> <td></td> <td></td> </tr> <tr> <td>Cañón</td> <td></td> <td>b = 3,0</td> <td></td> <td></td> </tr> <tr> <td>Cañón</td> <td></td> <td>u=1200 mm/de paso</td> <td></td> <td></td> </tr> <tr> <td>Longitud:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>L3</td> <td>= 46.5</td> <td></td> <td></td> <td></td> </tr> <tr> <td>h</td> <td>= 4.0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>L</td> <td>= 50.5</td> <td>Tolerancia: + 0.5</td> <td>(1)</td> <td></td> </tr> <tr> <td>L = L3 + h</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>E max</td> <td>= 200 Julios</td> <td></td> <td></td> <td></td> </tr> <tr> <td>EE</td> <td>= 220 Julios</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Holgura</td> <td>= 0,10 (cañón probeta)</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>= 0.15 (cañón basculante)</td> <td></td> <td></td> <td></td> </tr> </table> | Alojamiento del reborde | dia. | G mini = 44.05 | + 0.10 | | Alojamiento del reborde | pro. | T mini = 2.00 | + 0.10 | (1) | Recámara | dia. | H mini = 41.50 | + 0.20 | (1) | Cañón | dia. | B mini = 40.80 | + 0.04 | (1) | Cañón | ángulo | a1 mini = 10° | | | Cañón | | N = 6 Rayas | | | Cañón | | F = 40.8 | | | Cañón | | Z = 41,4 | | | Cañón | | b = 3,0 | | | Cañón | | u=1200 mm/de paso | | | Longitud: | | | | | L3 | = 46.5 | | | | h | = 4.0 | | | | L | = 50.5 | Tolerancia: + 0.5 | (1) | | L = L3 + h | | | | | E max | = 200 Julios | | | | EE | = 220 Julios | | | | Holgura | = 0,10 (cañón probeta) | | | | | = 0.15 (cañón basculante) | | | | | |
| Alojamiento del reborde | dia. | G mini = 44.05 | + 0.10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alojamiento del reborde | pro. | T mini = 2.00 | + 0.10 | (1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Recámara | dia. | H mini = 41.50 | + 0.20 | (1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cañón | dia. | B mini = 40.80 | + 0.04 | (1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cañón | ángulo | a1 mini = 10° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cañón | | N = 6 Rayas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cañón | | F = 40.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cañón | | Z = 41,4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cañón | | b = 3,0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cañón | | u=1200 mm/de paso | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Longitud: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L3 | = 46.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| h | = 4.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L | = 50.5 | Tolerancia: + 0.5 | (1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L = L3 + h | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E max | = 200 Julios | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EE | = 220 Julios | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Holgura | = 0,10 (cañón probeta) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | = 0.15 (cañón basculante) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dimensiones en «mm». Dimensiones y tolerancias para los cañones de prueba:. | | Notas: 1) Verificar por seguridad. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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Estas Decisiones de la Comisión Internacional Permanente para la prueba de armas de fuego portátiles entraron en vigor, de forma general y para España, el 19 de diciembre de 2019, de conformidad con lo establecido en el apartado 1 del artículo 8 del Reglamento.

Madrid, 14 de enero de 2022.–La Secretaria General Técnica, Rosa Velázquez Álvarez.