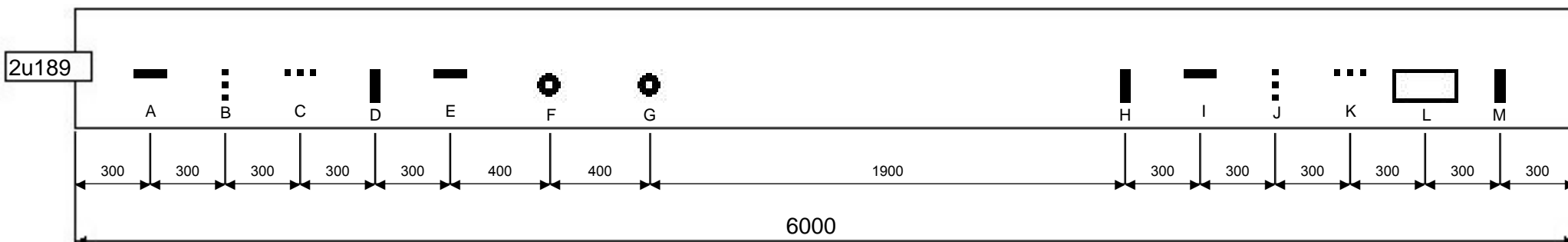


Tubo patrón número  
Reference standard #

**2u189**

### Datos del Producto Product Information

|                                |       |                                       |                                   |       |
|--------------------------------|-------|---------------------------------------|-----------------------------------|-------|
| Diametro [mm]<br>Diameter      | 168,3 | Cliente<br>Client                     | Ciclo<br>Product                  | 72666 |
| Espesor [mm]<br>Wall Thickness | 17,48 | Tratamiento Termico<br>Heat Treatment | Colada<br>Heat                    | 0     |
| Trazabilidad<br>Traceability   | 0     |                                       | Expediente<br>Manufacturing Order |       |



Valores Pedidos / Requested Values

Valores Medidos / Measured Values

| Posicion<br>Position | Tipo de Notch<br>Notch Type             | Ancho / Diam<br>Max [mm]<br>Max Width / Diam | Profundidad<br>Nominal [%]<br>Depth | Tolerancia<br>[%]<br>Tolerance | Profundidad<br>Maxima [mm]<br>Max Depth | Profundidad<br>Minima [mm]<br>Min Depth | Profundidad<br>Nominal [mm]<br>Nom Depth | Longitud<br>Maxima [mm]<br>Max Length | Longitud<br>[mm]<br>Length | Profundidad A [mm]<br>Depth A | Profundidad B [mm]<br>Depth B | Ancho / Diam<br>[mm]<br>Width / Diam | Responsable<br>Responsible | Fecha<br>Date |
|----------------------|---|--|-------------------------------------|--------------------------------|---|---|--|---------------------------------------|----------------------------|-------------------------------|-------------------------------|--------------------------------------|----------------------------|---------------|
| A                    | Longitudinal Externo<br>longitudinal OD | 1,00   | 10                                  | ±15                            | 2,010                                   | 1,486                                   | 1,748                                    | 25,40                                 | 23,20                      | 1,781                         | 1,800                         | 0,97                                 | Sebastian Monteros         | 22/06/04      |
| B                    | Transversal Interno<br>Transverse ID    | 1,00   | 10                                  | ±15                            | 2,010                                   | 1,486                                   | 1,748                                    | 38,10                                 | 38,00                      | 1,630                         | 1,620                         | 0,95                                 | Sebastian Monteros         | 22/06/04      |
| C                    | Longitudinal Interno<br>Longitudinal ID | 1,00   | 10                                  | ±15                            | 2,010                                   | 1,486                                   | 1,748                                    | 38,10                                 | 37,40                      | 1,719                         | 1,834                         | 0,95                                 | Sebastian Monteros         | 22/06/04      |
| D                    | Transversal Externo<br>Transverse OD    | 1,00   | 10                                  | ±15                            | 2,010                                   | 1,486                                   | 1,748                                    | 25,40                                 | 25,00                      | 1,507                         | 1,521                         | 0,99                                 | Sebastian Monteros         | 22/06/04      |
| E                    | Longitudinal Externo<br>longitudinal OD | 1,00   | 10                                  | ±15                            | 2,010                                   | 1,486                                   | 1,748                                    | 25,40                                 | 25,00                      | 1,762                         | 1,735                         | 0,99                                 | Sebastian Monteros         | 22/06/04      |
| F                    | Agujero Pasante<br>Drilled hole         | 3,20   | -                                   | -                              | -                                       | -                                       | -  | -                                     | -                          | -                             | -                             | 3,20                                 | Sebastian Monteros         | 22/06/04      |
| G                    | Agujero Pasante<br>Drilled hole         | 1,60   | -                                   | -                              | -                                       | -                                       | -  | -                                     | -                          | -                             | -                             | 1,60                                 | Sebastian Monteros         | 22/06/04      |
| H                    | Transversal Externo<br>Transverse OD    | 1,00   | 5                                   | ±15                            | 1,005                                   | 0,743                                   | 0,874                                    | 25,40                                 | 25,10                      | 0,900                         | 0,890                         | 0,94                                 | Sebastian Monteros         | 22/06/04      |

Notas:

- 1.-Todas las dimensiones son en milímetros excepto que se indique lo contrario.
- 2.-Minima Profundidad Nominal de las ranuras 0.3 mm.

CERTIFICADO CON REPLICA NO

Notes:

- 1.-All dimensions in milimeters unless stated.
- 2.-Minimum notch nominal depth 0.3 mm.

CERTIFIED WITH PLASTIC REPLICA NO

Tubo patrón número  
Reference standard #

**2u189**

### Datos del Producto Product Information

|                                |       |                                       |                                   |       |
|--------------------------------|-------|---------------------------------------|-----------------------------------|-------|
| Diametro [mm]<br>Diameter      | 168,3 | Cliente<br>Client                     | Ciclo<br>Product                  | 72666 |
| Espesor [mm]<br>Wall Thickness | 17,48 | Tratamiento Termico<br>Heat Treatment | Colada<br>Heat                    | 0     |
| Trazabilidad<br>Traceability   | 0     |                                       | Expediente<br>Manufacturing Order |       |

| Posicion<br>Position | Tipo de Notch<br>Notch Type             | Ancho / Diam<br>Max [mm]<br>Max Width / Diam | Profundidad<br>Nominal [%]<br>Depth | Tolerancia<br>[%]<br>Tolerance | Profundidad<br>Maxima [mm]<br>Max Depth | Profundidad<br>Minima [mm]<br>Min Depth | Profundidad<br>Nominal [mm]<br>Nom Depth | Longitud<br>Maxima [mm]<br>Max Length | Longitud<br>[mm]<br>Length | Profundida<br>d A [mm]<br>Depth A | Profundida<br>d B [mm]<br>Depth B | Ancho / Diam<br>[mm]<br>Width / Diam | Responsable<br>Responsible | Fecha<br>Date |
|----------------------|---|--|-------------------------------------|--------------------------------|---|---|--|---------------------------------------|----------------------------|-----------------------------------|-----------------------------------|--------------------------------------|----------------------------|---------------|
| I                    | Longitudinal Externo<br>longitudinal OD | 1,00   | 5                                   | ±15                            | 1,005                                   | 0,743                                   | 0,874                                    | 25,40                                 | 22,00                      | 0,890                             | 0,880                             | 0,93                                 | Sebastian Monteros         | 22/06/04      |
| J                    | Transversal Interno<br>Transverse ID    | 1,00   | 5                                   | ±15                            | 1,005                                   | 0,743                                   | 0,874                                    | 38,10                                 | 37,60                      | 0,760                             | 0,790                             | 0,92                                 | Sebastian Monteros         | 22/06/04      |
| K                    | Longitudinal Interno<br>Longitudinal ID | 1,00   | 5                                   | ±15                            | 1,005                                   | 0,743                                   | 0,874                                    | 38,10                                 | 38,00                      | 0,790                             | 0,850                             | 0,90                                 | Sebastian Monteros         | 22/06/04      |
| L                    | Chavetero<br>Grove                      | 12,70  | 10                                  | ±15                            | 2,010                                   | 1,486                                   | 1,748                                    | 25,40                                 | 24,50                      | 1,900                             | 1,900                             | 12,00                                | Sebastian Monteros         | 22/06/04      |
| M                    | Transversal Externo<br>Transverse OD    | 1,00   | 10                                  | ±15                            | 2,010                                   | 1,486                                   | 1,748                                    | 25,40                                 | 25,00                      | 1,974                             | 1,983                             | 0,90                                 | Sebastian Monteros         | 22/06/04      |

### Instrumentos de Medicion Utilizados:

#### Notas:

- 1.-Todas las dimensiones son en milímetros excepto que se indique lo contrario.
- 2.-Minima Profundidad Nominal de las ranuras 0.3 mm.

CERTIFICADO CON REPLICA NO

#### Notes:

- 1.-All dimensions in milimeters unless stated.
- 2.-Minimum notch nominal depth 0.3 mm.

CERTIFIED WITH PLASTIC REPLICA NO

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Fecha  
Date

22/06/2004  
11:20:36 a.m.

Hoja  
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Documento  
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