

Tubo patrón número

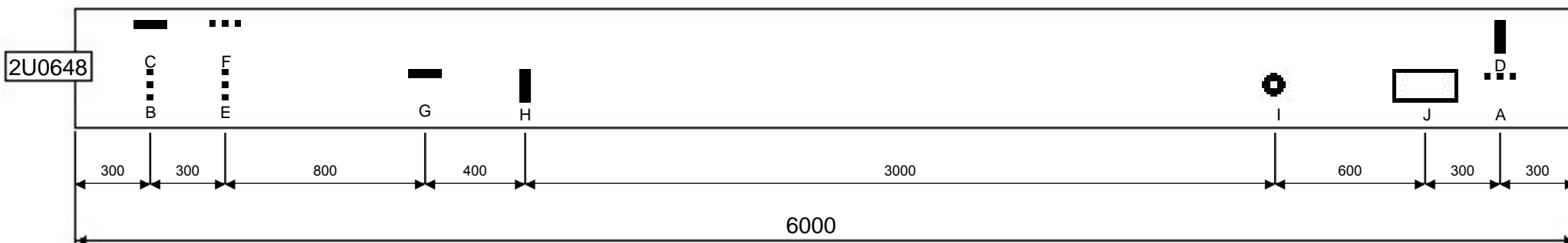
Reference standard #

**2U0648**

### Datos del Producto

Product Information

|                                |       |                                       |                    |                                   |           |
|--------------------------------|-------|---------------------------------------|--------------------|-----------------------------------|-----------|
| Diametro [mm]<br>Diameter      | 168,3 | Cliente<br>Client                     | Tengizchevroi<br>I | Ciclo<br>Product                  | 60430     |
| Espesor [mm]<br>Wall Thickness | 7,92  | Tratamiento Termico<br>Heat Treatment | SI                 | Colada<br>Heat                    | 78409     |
| Trazabilidad<br>Traceability   | 64    |                                       |                    | Expediente<br>Manufacturing Order | 5/1926-02 |



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<br>A [mm]<br>Depth A | Profundidad<br>B [mm]<br>Depth B | Ancho / Diam<br>[mm]<br>Width / Diam | Responsable<br>Responsible | Fecha<br>Date |
|----------------------|---|--|-------------------------------------|--------------------------------|---|---|--|---------------------------------------|----------------------------|----------------------------------|----------------------------------|--------------------------------------|----------------------------|---------------|
| A                    | Longitudinal Interno<br>Longitudinal ID | 1,00   | 5                                   | ±15                            | 0,455                                   | 0,337                                   | 0,396                                    | 25,40                                 | 25,30                      | 0,451                            | 0,448                            | 0,83                                 | Agustin Torres             | 19/04/17      |
| B                    | Transversal Interno<br>Transverse ID    | 1,00   | 5                                   | ±15                            | 0,455                                   | 0,337                                   | 0,396                                    | 25,40                                 | 25,40                      | 0,420                            | 0,395                            | 0,83                                 | Default Default            | 20/04/17      |
| C                    | Longitudinal Externo<br>longitudinal OD | 1,00   | 5                                   | ±15                            | 0,455                                   | 0,337                                   | 0,396                                    | 25,40                                 | 25,30                      | 0,423                            | 0,435                            | 0,80                                 | Carlos Aguilar             | 20/04/17      |
| D                    | Transversal Externo<br>Transverse OD    | 1,00   | 5                                   | ±15                            | 0,455                                   | 0,337                                   | 0,396                                    | 25,40                                 | 24,50                      | 0,419                            | 0,421                            | 0,80                                 | Carlos Aguilar             | 20/04/17      |
| E                    | Transversal Interno<br>Transverse ID    | 1,00   | 5                                   | ±15                            | 0,455                                   | 0,337                                   | 0,396                                    | 25,40                                 | 25,40                      | 0,371                            | 0,372                            | 0,83                                 | Agustin Torres             | 20/04/17      |
| F                    | Longitudinal Interno<br>Longitudinal ID | 1,00   | 5                                   | ±15                            | 0,455                                   | 0,337                                   | 0,396                                    | 25,40                                 | 25,30                      | 0,410                            | 0,428                            | 0,85                                 | Agustin Torres             | 19/04/17      |
| G                    | Longitudinal Externo<br>longitudinal OD | 1,00   | 5                                   | ±15                            | 0,455                                   | 0,337                                   | 0,396                                    | 25,40                                 | 25,40                      | 0,444                            | 0,420                            | 0,80                                 | Carlos Aguilar             | 20/04/17      |
| H                    | Transversal Externo<br>Transverse OD    | 1,00   | 5                                   | ±15                            | 0,455                                   | 0,337                                   | 0,396                                    | 25,40                                 | 24,40                      | 0,438                            | 0,444                            | 0,80                                 | Carlos Aguilar             | 20/04/17      |

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 SI

Notes:

1.-All dimensions in milimeters unless stated.

2.-Minimum notch nominal depth 0.3 mm.

CERTIFIED WITH PLASTIC REPLICA YES

OT-PMANT

Fecha  
Date

20/04/2017  
11:54:12 a.m.

Hoja  
Page

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Documento  
Vigencia

TAND-001-05  
17/04/2006

Tubo patrón número  
Reference standard #**2U0648****Datos del Producto**  
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|                                |       |                                       |                |                                   |           |
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| 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 |
|----------------------|---------------------------------|--|-------------------------------------|--------------------------------|---|---|--|---------------------------------------|----------------------------|-------------------------------|-------------------------------|--------------------------------------|----------------------------|---------------|
| I                    | Agujero Pasante<br>Drilled hole | 1,60   | -                                   | -                              | -                                       | -                                       | -  | -                                     | -                          | -                             | -                             | 1,60                                 | Carlos Aguilar             | 20/04/17      |
| J                    | Chavetero<br>Groove             | 6,00   | 50                                  | +60-0                          | 6,336                                   | 3,960                                   | 3,960                                    | 17,00                                 | 15,60                      | 3,800                         | 3,800                         | 5,00                                 | Agustin Torres             | 19/04/17      |

**Instrumentos de Medicion Utilizados:****Proyector de Perfiles Mitutoyo PJ-A3000   Codigo: 302-711A****Calibre Pie de Rey   Codigo:**

## Notas:

- 1.-Todas las dimensiones son en milímetros excepto que se indique lo contrario.
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- CERTIFICADO CON REPLICA SI**

## Notes:

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