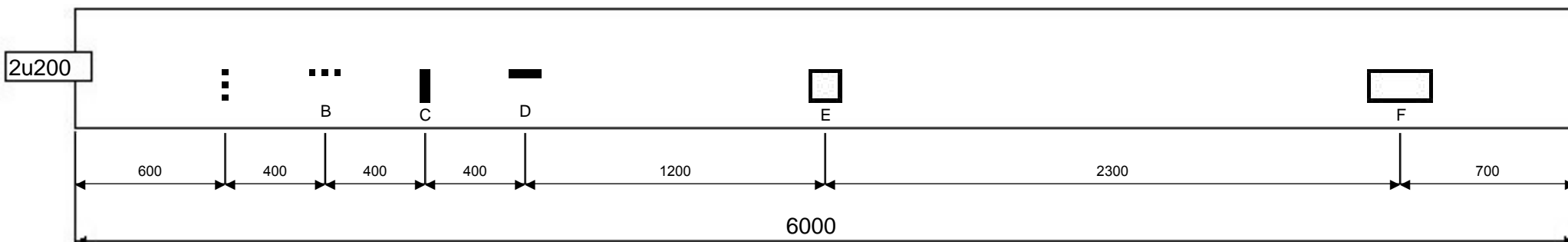


Tubo patrón número  
Reference standard #

**2u200**

### Datos del Producto Product Information

|                                |       |                                       |      |                                   |       |
|--------------------------------|-------|---------------------------------------|------|-----------------------------------|-------|
| Diametro [mm]<br>Diameter      | 114,3 | Cliente<br>Client                     | DONG | Ciclo<br>Product                  | 72610 |
| Espesor [mm]<br>Wall Thickness | 11,1  | 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<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 |
|----------------------|---|--|-------------------------------------|--------------------------------|---|---|--|---------------------------------------|----------------------------|----------------------------------|----------------------------------|--------------------------------------|----------------------------|---------------|
|                      | Transversal Interno<br>Transverse ID    | -  | -                                   | -                              | -                                       | -                                       | -  | -                                     | 46,00                      | 0,474                            | 0,489                            | 0,94                                 | Sebastian Monteros         | 11/05/04      |
| A                    | Longitudinal Interno<br>Longitudinal ID | -  | -                                   | -                              | -                                       | -                                       | -  | -                                     | -                          | -                                | -                                | -                                    | Sebastian Monteros         | 11/05/04      |
| B                    | Longitudinal Interno<br>Longitudinal ID | 1,00   | 5                                   | ±15                            | 0,638                                   | 0,472                                   | 0,555                                    | 50,80                                 | 48,00                      | 0,590                            | 0,596                            | 0,92                                 | Sebastian Monteros         | 11/05/04      |
| C                    | Transversal Externo<br>Transverse OD    | 1,00   | 5                                   | ±15                            | 0,638                                   | 0,472                                   | 0,555                                    | 50,80                                 | 46,00                      | 0,515                            | 0,582                            | 0,92                                 | Sebastian Monteros         | 11/05/04      |
| D                    | Longitudinal Externo<br>Longitudinal OD | 1,00   | 5                                   | ±15                            | 0,638                                   | 0,472                                   | 0,555                                    | 50,80                                 | 47,00                      | 0,522                            | 0,538                            | 0,95                                 | Sebastian Monteros         | 11/05/04      |
| E                    | Reduccion de Espesor<br>Externo         | 50,00  | 13                                  | ±15                            | 1,596                                   | 1,179                                   | 1,388                                    | 75,00                                 | 75,00                      | -                                | -                                | 50,00                                | Sebastian Monteros         | 26/11/07      |
| F                    | Chavetero<br>Grove                      | 16,00  | 50                                  | ±15                            | 6,383                                   | 4,718                                   | 5,550                                    | 30,00                                 | 28,00                      | 5,400                            | 5,400                            | 15,00                                | Sebastian Monteros         | 11/05/04      |
| G                    | Reduccion de Espesor<br>Externo         | -  | -                                   | -                              | -                                       | -                                       | -  | -                                     | -                          | -                                | -                                | -                                    | Default Default            | 26/11/07      |

#### 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

26/11/2007  
04:43:19 p.m.

Hoja  
Page

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Documento  
Vigencia

TAND-001-05  
17/04/2006

Tubo patrón número  
Reference standard #

**2u200**

**Datos del Producto**  
Product Information

|                                |       |                                       |      |                                   |       |
|--------------------------------|-------|---------------------------------------|------|-----------------------------------|-------|
| Diametro [mm]<br>Diameter      | 114,3 | Cliente<br>Client                     | DONG | Ciclo<br>Product                  | 72610 |
| Espesor [mm]<br>Wall Thickness | 11,1  | Tratamiento Termico<br>Heat Treatment |      | Colada<br>Heat                    | 0     |
| Trazabilidad<br>Traceability   | 0     |                                       |      | Expediente<br>Manufacturing Order |       |

**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 SI

Notes:

- 1.-All dimensions in milimeters unless stated.
  - 2.-Minimum notch nominal depth 0.3 mm.
- CERTIFIED WITH PLASTIC REPLICA YES