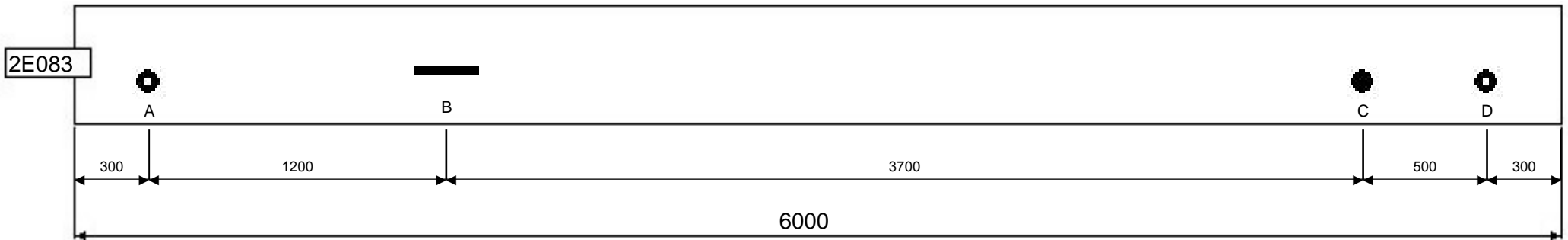


Tubo patrón número  
Reference standard #

**2E083**

### Datos del Producto Product Information

|                                |       |                                       |            |                                   |       |
|--------------------------------|-------|---------------------------------------|------------|-----------------------------------|-------|
| Diametro [mm]<br>Diameter      | 114,3 | Cliente<br>Client                     | ECU/P.PIPE | Ciclo<br>Product                  | 81868 |
| Espesor [mm]<br>Wall Thickness | 6,88  | Tratamiento Termico<br>Heat Treatment | NO         | 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 | 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 |
|----------------------|-------------------------------------|--|-------------------------------------|--------------------------------|---|---|--|---------------------------------------|----------------------------|-----------------------------------|-----------------------------------|--------------------------------------|----------------------------|---------------|
| A                    | Agujero Pasante<br>Drilled hole     | 3,20   | -                                   | -                              | -                                       | -                                       | -  | -                                     | -                          | -                                 | -                                 | 3,20                                 | Carlos Aguilar             | 10/01/17      |
| B                    | Long. de ecualización               | -  | 13                                  | ±15                            | 0,989                                   | 0,731                                   | 0,860                                    | 150,00                                | 150,00                     | 0,890                             | 0,910                             | -                                    | Carlos Aguilar             | 10/01/17      |
| C                    | Circular de ecualización<br>Externo | 1,00   | 13                                  | ±15                            | 0,989                                   | 0,731                                   | 0,860                                    | -                                     | -                          | 0,900                             | 0,916                             | 0,85                                 | Carlos Aguilar             | 10/01/17      |
| D                    | Agujero Pasante<br>Drilled hole     | 3,20   | -                                   | -                              | -                                       | -                                       | -  | -                                     | -                          | -                                 | -                                 | 3,20                                 | Carlos Aguilar             | 10/01/17      |

### Instrumentos de Medicion Utilizados:

Proyector de Perfiles Mitutoyo PJ-A3000 Codigo: 302-711A

#### 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

10/01/2017  
11:19:12 a.m.

Hoja  
Page

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Documento  
Vigencia

TAND-001-05  
17/04/2006