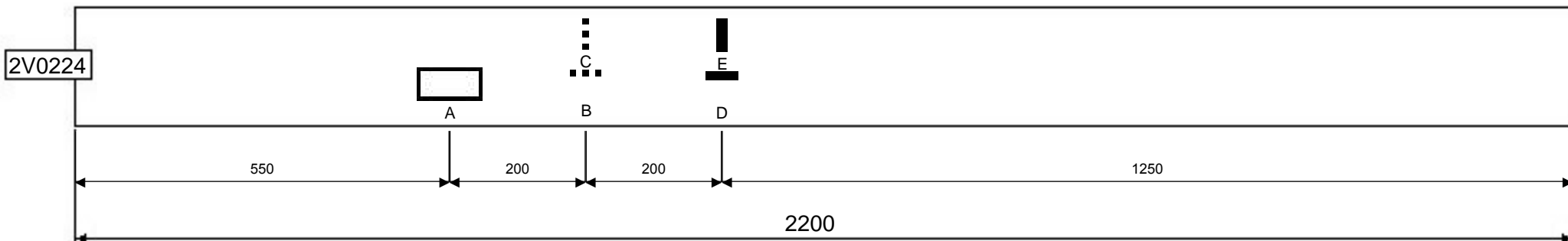


Tubo patrón número  
Reference standard #

**2V0224**

### Datos del Producto Product Information

|                                |       |                                       |                   |                                   |           |
|--------------------------------|-------|---------------------------------------|-------------------|-----------------------------------|-----------|
| Diametro [mm]<br>Diameter      | 141,3 | Cliente<br>Client                     | NEPTUNE<br>ENERGY | Ciclo<br>Product                  | 50052     |
| Espesor [mm]<br>Wall Thickness | 8,4   | Tratamiento Termico<br>Heat Treatment | SI                | Colada<br>Heat                    | 55756     |
| Trazabilidad<br>Traceability   | 8     |                                       |                   | Expediente<br>Manufacturing Order | 5/7567.01 |



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                    | Chavetero<br>Grove                      | 6,00   | 50                                  | +40-0                          | 5,880                                   | 4,200                                   | 4,200                                    | 17,00                                 | 17,00                      | 4,000                         | 4,000                         | 5,50                                 | Agustin Torres             | 23/05/19      |
| B                    | Longitudinal Interno<br>Longitudinal ID | 1,00   | 5                                   | ±15                            | 0,483                                   | 0,357                                   | 0,420                                    | 50,80                                 | 50,20                      | 0,438                         | 0,447                         | 0,83                                 | Agustin Torres             | 23/05/19      |
| C                    | Transversal Interno<br>Transverse ID    | 1,00   | 5                                   | ±15                            | 0,483                                   | 0,357                                   | 0,420                                    | 50,80                                 | 40,50                      | 0,371                         | 0,386                         | 0,82                                 | Agustin Torres             | 23/05/19      |
| D                    | Longitudinal Externo<br>longitudinal OD | 1,00   | 5                                   | ±15                            | 0,483                                   | 0,357                                   | 0,420                                    | 50,80                                 | 50,00                      | 0,455                         | 0,461                         | 0,83                                 | Agustin Torres             | 23/05/19      |
| E                    | Transversal Externo<br>Transverse OD    | 1,00   | 5                                   | ±15                            | 0,483                                   | 0,357                                   | 0,420                                    | 50,80                                 | 44,20                      | 0,415                         | 0,423                         | 0,83                                 | Agustin Torres             | 23/05/19      |

### Instrumentos de Medicion Utilizados:

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

#### Notas:

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

CERTIFICADO CON REPLICA SI

#### Notes:

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

CERTIFIED WITH PLASTIC REPLICA YES

OT-PMANT

Fecha  
Date

23/05/2019  
01:52:57 p.m.

Hoja  
Page

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Documento  
Vigencia

TAND-001-05  
17/04/2006