

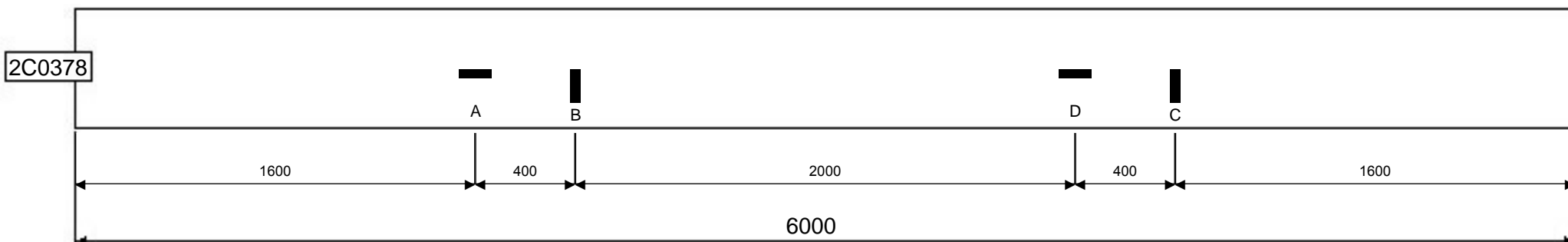
Tubo patrón número  
Reference standard #

**2C0378**

### Datos del Producto

Product Information

|                                |        |                                       |                    |                                   |           |
|--------------------------------|--------|---------------------------------------|--------------------|-----------------------------------|-----------|
| Diametro [mm]<br>Diameter      | 187,71 | Cliente<br>Client                     | MURPHY<br>W.AFRICA | Ciclo<br>Product                  | 8742      |
| Espesor [mm]<br>Wall Thickness | 21,82  | Tratamiento Termico<br>Heat Treatment | SI                 | Colada<br>Heat                    | 57289     |
| Trazabilidad<br>Traceability   | 7      |                                       |                    | Expediente<br>Manufacturing Order | 0/8233-01 |



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 | 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                    | Longitudinal Externo<br>longitudinal OD | 1,00   | 5                                   | ±15                            | 1,255                                   | 0,927                                   | 1,091                                    | 50,00                                 | 49,50                      | 1,165                             | 1,127                             | 0,87                                 | Daniel Carcacha            | 08/07/08      |
| B                    | Transversal Externo<br>Transverse OD    | 1,00   | 5                                   | ±15                            | 1,255                                   | 0,927                                   | 1,091                                    | 50,00                                 | 41,90                      | 1,181                             | 1,181                             | 0,92                                 | Daniel Carcacha            | 08/07/08      |
| C                    | Transversal Externo<br>Transverse OD    | 1,00   | 2                                   | ±15                            | 0,502                                   | 0,371                                   | 0,436                                    | 50,00                                 | 41,90                      | 0,452                             | 0,400                             | 0,87                                 | Daniel Carcacha            | 08/07/08      |
| D                    | Longitudinal Externo<br>longitudinal OD | 1,00   | 2                                   | ±15                            | 0,502                                   | 0,371                                   | 0,436                                    | 50,00                                 | 48,00                      | 0,492                             | 0,497                             | 0,86                                 | Sebastian Monteros         | 11/07/08      |

### 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    11/07/2008  
02:10:35 p.m.

Hoja  
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Documento  
Vigencia    TAND-001-05  
17/04/2006