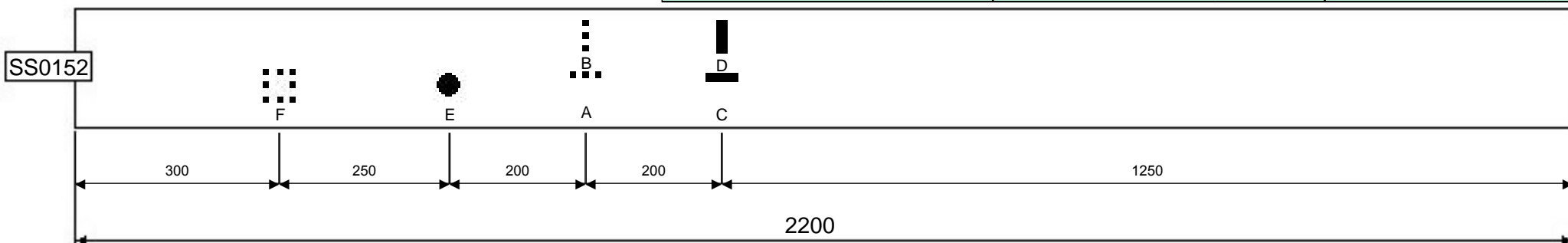


Tubo patrón número  
Reference standard #

**SS0152**

### Datos del Producto Product Information

|                                |       |                                       |                               |                                   |         |
|--------------------------------|-------|---------------------------------------|-------------------------------|-----------------------------------|---------|
| Diametro [mm]<br>Diameter      | 177,8 | Cliente<br>Client                     | SHELL UT<br>QUALIFICATI<br>ON | Ciclo<br>Product                  | 64746   |
| Espesor [mm]<br>Wall Thickness | 10,36 | Tratamiento Termico<br>Heat Treatment | SI                            | Colada<br>Heat                    | 66199   |
| Trazabilidad<br>Traceability   | 131   |                                       |                               | Expediente<br>Manufacturing Order | 5047702 |



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 Interno<br>Longitudinal ID | 1,00   | 5                                   | ±10                            | 0,570                                   | 0,466                                   | 0,518                                    | 25,40                                 | 25,40                      | 0,552                             | 0,555                             | 0,84                                 | Default Default            | 11/11/09      |
| B                    | Transversal Interno<br>Transverse ID    | 1,00   | 5                                   | ±10                            | 0,570                                   | 0,466                                   | 0,518                                    | 25,40                                 | 25,00                      | 0,544                             | 0,554                             | 0,84                                 | Default Default            | 11/11/09      |
| C                    | Longitudinal Externo<br>longitudinal OD | 1,00   | 5                                   | ±10                            | 0,570                                   | 0,466                                   | 0,518                                    | 25,40                                 | 24,80                      | 0,539                             | 0,532                             | 0,82                                 | Default Default            | 11/11/09      |
| D                    | Transversal Externo<br>Transverse OD    | 1,00   | 5                                   | ±10                            | 0,570                                   | 0,466                                   | 0,518                                    | 25,40                                 | 25,50                      | 0,568                             | 0,541                             | 0,86                                 | Default Default            | 11/11/09      |
| E                    | Agujero Fondo Plano<br>Flat bottom hole | 6,35   | 50                                  | ±10                            | 5,698                                   | 4,662                                   | 5,180                                    | -                                     | -                          | 5,200                             | -                                 | 6,00                                 | Default Default            | 11/11/09      |
| F                    | Reduccion de espesor<br>interno         | 25,40  | 13                                  | ±0                             | 1,295                                   | 1,295                                   | 1,295                                    | 25,40                                 | 24,20                      | -                                 | -                                 | 24,20                                | Default Default            | 11/11/09      |

#### 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

Tubo patrón número  
Reference standard #

**SS0152****Datos del Producto**  
Product Information

|                                |       |                                       |                               |                                   |         |
|--------------------------------|-------|---------------------------------------|-------------------------------|-----------------------------------|---------|
| Diametro [mm]<br>Diameter      | 177,8 | Cliente<br>Client                     | SHELL UT<br>QUALIFICATI<br>ON | Ciclo<br>Product                  | 64746   |
| Espesor [mm]<br>Wall Thickness | 10,36 | Tratamiento Termico<br>Heat Treatment | SI                            | Colada<br>Heat                    | 66199   |
| Trazabilidad<br>Traceability   | 131   |                                       |                               | Expediente<br>Manufacturing Order | 5047702 |

**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 millimeters unless stated.
  - 2.-Minimum notch nominal depth 0.3 mm.
- CERTIFIED WITH PLASTIC REPLICA YES