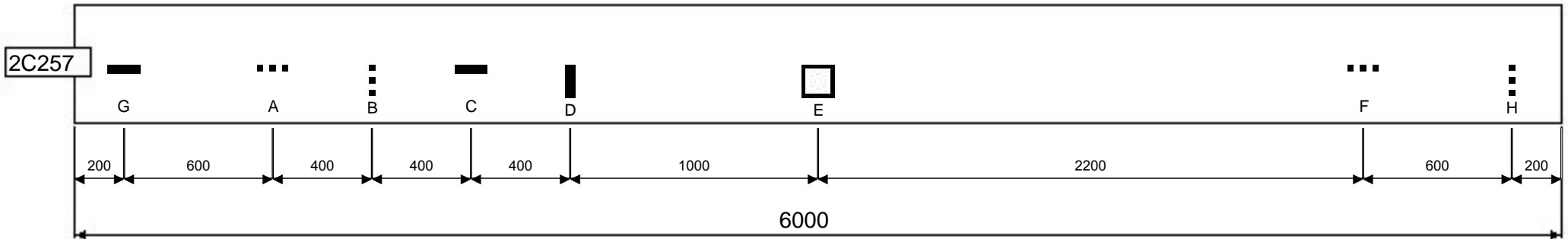


Tubo patrón número  
Reference standard #

**2C257**

### Datos del Producto Product Information

|                                |       |                                       |                    |                                   |           |
|--------------------------------|-------|---------------------------------------|--------------------|-----------------------------------|-----------|
| Diametro [mm]<br>Diameter      | 177,8 | Cliente<br>Client                     | IMPERIAL<br>(ESSO) | Ciclo<br>Product                  | 28960     |
| Espesor [mm]<br>Wall Thickness | 8,05  | Tratamiento Termico<br>Heat Treatment |                    | Colada<br>Heat                    | 59375     |
| Trazabilidad<br>Traceability   | 0     |                                       |                    | Expediente<br>Manufacturing Order | 5/4108.01 |



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<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 |
|----------------------|-----------------------------------------|----------------------------------------------|-------------------------------------|--------------------------------|-----------------------------------------|-----------------------------------------|------------------------------------------|---------------------------------------|----------------------------|----------------------------------|----------------------------------|--------------------------------------|----------------------------|---------------|
| A                    | Longitudinal Interno<br>Longitudinal ID | 1,00                                         | 5                                   | ±15                            | 0,463                                   | 0,342                                   | 0,403                                    | 50,00                                 | 46,00                      | 0,357                            | 0,410                            | 0,92                                 | Sebastian Monteros         | 03/05/06      |
| B                    | Transversal Interno<br>Transverse ID    | 1,00                                         | 5                                   | ±15                            | 0,463                                   | 0,342                                   | 0,403                                    | 50,00                                 | 46,00                      | 0,426                            | 0,391                            | 0,92                                 | Sebastian Monteros         | 03/05/06      |
| C                    | Longitudinal Externo<br>longitudinal OD | 1,00                                         | 5                                   | ±15                            | 0,463                                   | 0,342                                   | 0,403                                    | 50,00                                 | 46,00                      | 0,404                            | 0,415                            | 0,92                                 | Sebastian Monteros         | 03/05/06      |
| D                    | Transversal Externo<br>Transverse OD    | 1,00                                         | 5                                   | ±15                            | 0,463                                   | 0,342                                   | 0,403                                    | 50,00                                 | 46,00                      | 0,431                            | 0,458                            | 0,94                                 | Sebastian Monteros         | 03/05/06      |
| E                    | Reduccion de Espesor<br>Externo         | 50,00                                        | 13                                  | ±15                            | 1,157                                   | 0,855                                   | 1,006                                    | 75,00                                 | 75,00                      | -                                | -                                | 50,00                                | Sebastian Monteros         | 07/12/06      |
| F                    | Longitudinal Interno<br>Longitudinal ID | 1,00                                         | 13                                  | ±15                            | 1,157                                   | 0,855                                   | 1,006                                    | 50,00                                 | 46,00                      | 1,055                            | 1,057                            | 0,94                                 | Sebastian Monteros         | 07/12/06      |
| G                    | Longitudinal Externo<br>longitudinal OD | 1,00                                         | 5                                   | ±15                            | 0,463                                   | 0,342                                   | 0,403                                    | 50,00                                 | 48,00                      | 0,443                            | 0,442                            | 0,93                                 | Sebastian Monteros         | 07/12/06      |
| H                    | Transversal Interno<br>Transverse ID    | 1,00                                         | 5                                   | ±15                            | 0,463                                   | 0,342                                   | 0,403                                    | 50,00                                 | 43,00                      | 0,455                            | 0,446                            | 0,96                                 | Sebastian Monteros         | 07/12/06      |

#### 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 #

**2C257****Datos del Producto**  
Product Information

|                                |       |                                       |                    |                                   |           |
|--------------------------------|-------|---------------------------------------|--------------------|-----------------------------------|-----------|
| Diametro [mm]<br>Diameter      | 177,8 | Cliente<br>Client                     | IMPERIAL<br>(ESSO) | Ciclo<br>Product                  | 28960     |
| Espesor [mm]<br>Wall Thickness | 8,05  | Tratamiento Termico<br>Heat Treatment |                    | Colada<br>Heat                    | 59375     |
| Trazabilidad<br>Traceability   | 0     |                                       |                    | Expediente<br>Manufacturing Order | 5/4108.01 |

**Instrumentos de Medicion Utilizados:****Proyector de Perfiles Nikon V-16E   Codigo: 90012410**

## 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