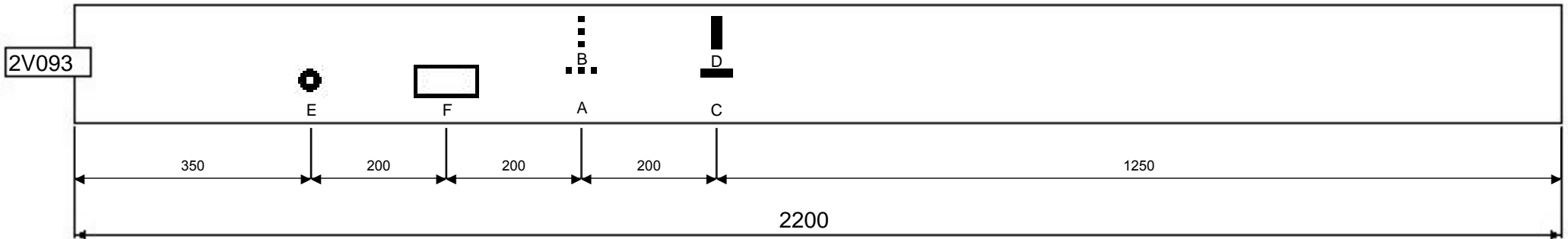


Tubo patrón número  
Reference standard #

**2V093**

### Datos del Producto Product Information

|                                |       |                                       |      |                                   |       |
|--------------------------------|-------|---------------------------------------|------|-----------------------------------|-------|
| Diametro [mm]<br>Diameter      | 219,1 | Cliente<br>Client                     | HESS | Ciclo<br>Product                  | 61237 |
| Espesor [mm]<br>Wall Thickness | 18,3  | Tratamiento Termico<br>Heat Treatment | SI   | Colada<br>Heat                    | 88215 |
| Trazabilidad<br>Traceability   | 22    |                                       |      | 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 | 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                    | Longitudinal Interno<br>Longitudinal ID | 1,00   | 5                                   | ±15                            | 1,052                                   | 0,778                                   | 0,915                                    | 50,00                                 | 48,20                      | 0,933                         | 0,946                         | 0,87                                 | Pablo Mazzeo               | 27/04/12      |
| B                    | Transversal Interno<br>Transverse ID    | 1,00   | 5                                   | ±15                            | 1,052                                   | 0,778                                   | 0,915                                    | 50,00                                 | 39,00                      | 0,918                         | 0,982                         | 0,88                                 | Pablo Mazzeo               | 27/04/12      |
| C                    | Longitudinal Externo<br>longitudinal OD | 1,00   | 5                                   | ±15                            | 1,052                                   | 0,778                                   | 0,915                                    | 50,00                                 | 47,90                      | 0,954                         | 0,969                         | 0,85                                 | Pablo Mazzeo               | 27/04/12      |
| D                    | Transversal Externo<br>Transverse OD    | 1,00   | 5                                   | ±15                            | 1,052                                   | 0,778                                   | 0,915                                    | 50,00                                 | 44,00                      | 0,952                         | 0,981                         | 0,85                                 | Pablo Mazzeo               | 27/04/12      |
| E                    | Agujero Pasante<br>Drilled hole         | 3,20   | -                                   | -                              | -                                       | -                                       | -  | -                                     | -                          | -                             | -                             | 3,20                                 | Agustin Torres             | 27/04/12      |
| F                    | Chavetero<br>Grove                      | 6,00   | 50                                  | ±15                            | 10,523                                  | 7,778                                   | 9,150                                    | 17,00                                 | 15,50                      | 9,350                         | 9,350                         | 5,80                                 | Agustin Torres             | 27/04/12      |

#### 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 #**2V093****Datos del Producto**  
Product Information

|                                |       |                                       |      |                                   |       |
|--------------------------------|-------|---------------------------------------|------|-----------------------------------|-------|
| Diametro [mm]<br>Diameter      | 219,1 | Cliente<br>Client                     | HESS | Ciclo<br>Product                  | 61237 |
| Espesor [mm]<br>Wall Thickness | 18,3  | Tratamiento Termico<br>Heat Treatment | SI   | Colada<br>Heat                    | 88215 |
| Trazabilidad<br>Traceability   | 22    |                                       |      | Expediente<br>Manufacturing Order |       |

**Instrumentos de Medicion Utilizados:****Proyector de Perfiles Mitutoyo PJ-A3000     Codigo: 302-711A****Calibre Pie de Rey     Codigo:**

## 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**