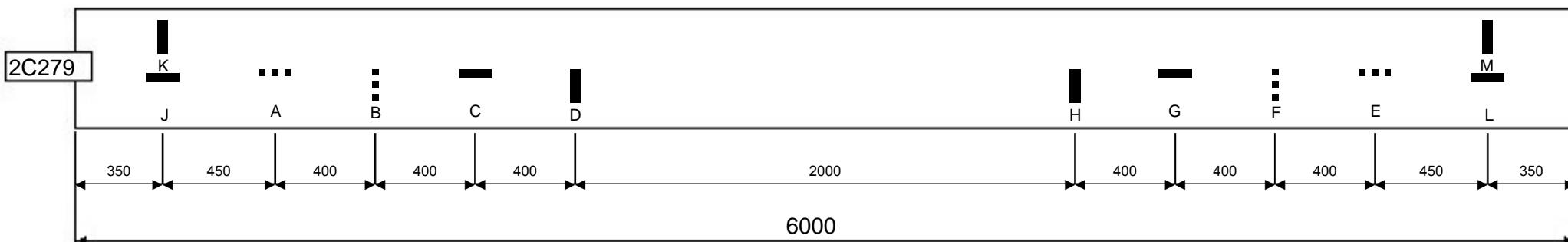


Tubo patrón número  
Reference standard #

**2C279**

### Datos del Producto Product Information

|                                |        |                                       |        |                                   |           |
|--------------------------------|--------|---------------------------------------|--------|-----------------------------------|-----------|
| Diametro [mm]<br>Diameter      | 244,48 | Cliente<br>Client                     | ARAMCO | Ciclo<br>Product                  | 63201     |
| Espesor [mm]<br>Wall Thickness | 10,03  | Tratamiento Termico<br>Heat Treatment |        | Colada<br>Heat                    | 75757     |
| Trazabilidad<br>Traceability   | 0      |                                       |        | Expediente<br>Manufacturing Order | 5/0928.30 |



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                            | 0,577                                   | 0,426                                   | 0,502                                    | 50,00                                 | 48,00                      | 0,573                            | 0,563                            | 0,95                                 | Sebastian Monteros         | 11/12/06      |
| B                    | Transversal Interno<br>Transverse ID    | 1,00   | 5                                   | ±15                            | 0,577                                   | 0,426                                   | 0,502                                    | 50,00                                 | 43,00                      | 0,571                            | 0,575                            | 0,95                                 | Sebastian Monteros         | 11/12/06      |
| C                    | Longitudinal Externo<br>longitudinal OD | 1,00   | 5                                   | ±15                            | 0,577                                   | 0,426                                   | 0,502                                    | 50,00                                 | 49,00                      | 0,553                            | 0,550                            | 0,93                                 | Sebastian Monteros         | 11/12/06      |
| D                    | Transversal Externo<br>Transverse OD    | 1,00   | 5                                   | ±15                            | 0,577                                   | 0,426                                   | 0,502                                    | 50,00                                 | 42,00                      | 0,549                            | 0,556                            | 0,90                                 | Sebastian Monteros         | 11/12/06      |
| E                    | Longitudinal Interno<br>Longitudinal ID | 1,00   | 10                                  | ±15                            | 1,153                                   | 0,853                                   | 1,003                                    | 50,00                                 | 43,00                      | 1,143                            | 1,130                            | 0,98                                 | Sebastian Monteros         | 11/12/06      |
| F                    | Transversal Interno<br>Transverse ID    | 1,00   | 10                                  | ±15                            | 1,153                                   | 0,853                                   | 1,003                                    | 50,00                                 | 44,00                      | 1,151                            | 1,149                            | 0,99                                 | Sebastian Monteros         | 11/12/06      |
| G                    | Longitudinal Externo<br>longitudinal OD | 1,00   | 10                                  | ±15                            | 1,153                                   | 0,853                                   | 1,003                                    | 50,80                                 | 45,60                      | 1,052                            | 1,043                            | 0,80                                 | Default Default            | 10/11/12      |
| H                    | Transversal Externo<br>Transverse OD    | 1,00   | 10                                  | ±15                            | 1,153                                   | 0,853                                   | 1,003                                    | 50,80                                 | 41,50                      | 1,068                            | 1,032                            | 0,83                                 | Default Default            | 10/11/12      |

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

OT-PMANT

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Date

12/11/2020  
10:38:52 a.m.

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17/04/2006

Tubo patrón número  
Reference standard #

**2C279**

### Datos del Producto Product Information

|                                |        |                                       |        |                                   |           |
|--------------------------------|--------|---------------------------------------|--------|-----------------------------------|-----------|
| Diametro [mm]<br>Diameter      | 244,48 | Cliente<br>Client                     | ARAMCO | Ciclo<br>Product                  | 63201     |
| Espesor [mm]<br>Wall Thickness | 10,03  | Tratamiento Termico<br>Heat Treatment |        | Colada<br>Heat                    | 75757     |
| Trazabilidad<br>Traceability   | 0      |                                       |        | Expediente<br>Manufacturing Order | 5/0928.30 |

| 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 |
|----------------------|---|--|-------------------------------------|--------------------------------|---|---|--|---------------------------------------|----------------------------|-----------------------------------|-----------------------------------|--------------------------------------|----------------------------|---------------|
| I                    | Longitudinal Externo<br>longitudinal OD | -  | -                                   | -                              | -                                       | -                                       | -  | -                                     | -                          | -                                 | -                                 | -                                    | Default Default            | 12/11/20      |
| J                    | Longitudinal Externo<br>longitudinal OD | 1,00   | 10                                  | ±15                            | 1,153                                   | 0,853                                   | 1,003                                    | 50,00                                 | 50,00                      | 1,143                             | 1,066                             | 1,00                                 | Default Default            | 12/11/20      |
| K                    | Transversal Externo<br>Transverse OD    | 1,00   | 10                                  | ±15                            | 1,153                                   | 0,853                                   | 1,003                                    | 50,00                                 | 50,00                      | 1,117                             | 1,143                             | 1,00                                 | Default Default            | 12/11/20      |
| L                    | Longitudinal Externo<br>longitudinal OD | 1,00   | 10                                  | ±15                            | 1,153                                   | 0,853                                   | 1,003                                    | 50,00                                 | 50,00                      | 1,041                             | 0,990                             | 1,00                                 | Default Default            | 12/11/20      |
| M                    | Transversal Externo<br>Transverse OD    | 1,00   | 10                                  | ±15                            | 1,153                                   | 0,853                                   | 1,003                                    | 50,00                                 | 50,00                      | 1,143                             | 1,016                             | 1,00                                 | Default Default            | 12/11/20      |

### Instrumentos de Medicion Utilizados:

Comparador a cuchilla   Codigo:

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

|          |               |                             |              |     |                       |                           |
|----------|---------------|-----------------------------|--------------|-----|-----------------------|---------------------------|
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|----------|---------------|-----------------------------|--------------|-----|-----------------------|---------------------------|