

CERTIFICADO PATRON DE CND

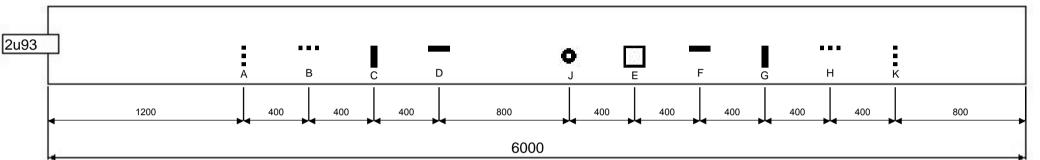
TEND

NDT Reference Standard Certificate

Tubo patrón número Reference standard #

2u93





Valores Pedidos / Requested Values

Valores Medidos / Measured Values

| Posicion Position | Tipo de Notch Notch Type | Ancho / Diam Max [mm] Max Width / Diam | Profundidad Nominal [%] Depth | Tolerancia [%] Tolerance | Profundidad Maxima [mm] Max Depth | Profundidad Minima [mm] Min Depth | Profundidad Nominal [mm] Nom Depth | Longitud Maxima [mm] Max Length | Longitud [mm] Length | Profundida d A [mm] Depth A | Profundida d B [mm] Depth B | Ancho / Diam [mm] Width / Diam | Responsable Responsible | Fecha Date |
|----------------------|---|--|-------------------------------------|--------------------------------|---|---|--|--|----------------------------|-----------------------------------|-----------------------------------|--------------------------------------|----------------------------|---------------|
| Α | Transversal Interno Transverse ID | 1,00 | 13 | ±15 | 3,651 | 2,699 | 3,175 | 38,10 | 38,10 | 12,500 | 12,500 | 1,00 | Sebastian Monteros | 06/07/04 |
| В | Longitudinal Interno Longitudinal ID | 1,00 | 13 | ±15 | 3,651 | 2,699 | 3,175 | 38,10 | 38,10 | 12,500 | 12,500 | 1,00 | Sebastian Monteros | 06/07/04 |
| С | Transversal Externo Transverse OD | 1,00 | 10 | ±15 | 2,921 | 2,159 | 2,540 | 38,10 | 38,10 | 10,000 | 10,000 | 1,00 | Sebastian Monteros | 06/07/04 |
| D | Longitudinal Externo longitudinal OD | 1,00 | 10 | ±15 | 2,921 | 2,159 | 2,540 | 38,10 | 38,10 | 10,000 | 10,000 | 1,00 | Sebastian Monteros | 06/07/04 |
| E | Reduccion de Espesor Externo | 0,00 | 10 | ±15 | 2,921 | 2,159 | 2,540 | 38,00 | 38,00 | - | - | 0,00 | Sebastian Monteros | 06/07/04 |
| F | Longitudinal Externo longitudinal OD | 1,00 | 5 | ±15 | 1,461 | 1,080 | 1,270 | 38,10 | 38,10 | 5,000 | 5,000 | 1,00 | Sebastian Monteros | 06/07/04 |
| G | Transversal Externo Transverse OD | 1,00 | 5 | ±15 | 1,461 | 1,080 | 1,270 | 38,10 | 38,10 | 5,000 | 5,000 | 1,00 | Sebastian Monteros | 06/07/04 |
| Н | Longitudinal Interno Longitudinal ID | 1,00 | 5 | ±15 | 1,461 | 1,080 | 1,270 | 38,10 | 38,10 | 5,000 | 5,000 | 1,00 | Sebastian Monteros | 06/07/04 |

Notas:

- 1.-Todas las dimensiones son en milimetros excepto que se indique lo contrario.
- 2.-Minima Profundidad Nominal de las ranuras 0.3 mm.

CERTIFICADO CON REPLICA NO

Notes:

1.-All dimensions in milimeters unless stated.

1/2

- 2.-Minimum notch nominal depth 0.3 mm.
- CERTIFIED WITH PLASTIC REPLICA NO

OT-PMANT

Fecha Date

06/07/2004 02:29:09 p.m. Hoja Page Documento Vigencia TAND-001-05 17/04/2006



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| Datos del Producto Product Information | | | | | | | | | | |
|--|-------|---------------------------------------|----|-----------------------------------|-------|--|--|--|--|--|
| Diametro [mm] | 228,6 | Cliente Client | | Ciclo Product | 18451 | | | | | |
| Espesor [mm] Wall Thickness | 25,4 | Tratamiento Termico Heat Treatment | NO | Colada _{Heat} | 0 | | | | | |
| Trazabilidad Traceability | 0 | | | Expediente Manufacturing Order | | | | | | |

| Posicion Position | Tipo de Notch Notch Type | Ancho / Diam Max [mm] Max Width / Diam | Profundidad Nominal [%] Depth | | | Profundidad Minima [mm] Min Depth | Profundidad Nominal [mm] Nom Depth | Longitud Maxima [mm] Max Length | [mm] Length | Profundida d A [mm] Depth A | Profundida d B [mm] Depth B | Ancho / Diam [mm] Width / Diam | Responsable Responsible | Fecha Date |
|----------------------|-----------------------------------|--|-------------------------------------|-----|-------|---|--|--|----------------|-----------------------------------|-----------------------------------|--------------------------------------|----------------------------|---------------|
| I | Transversal Interno Transverse ID | - | - | - | - | - | - | - | - | - | - | - | Sebastian Monteros | 06/07/04 |
| J | Agujero Pasante Drilled hole | 3,20 | - | - | - | - | - | - | - | - | - | 3,20 | Sebastian Monteros | 06/07/04 |
| K | Transversal Interno Transverse ID | 1,00 | 5 | ±15 | 1,461 | 1,080 | 1,270 | 3,80 | 3,80 | 5,000 | 5,000 | 1,00 | Sebastian Monteros | 06/07/04 |

Instrumentos de Medicion Utilizados:

Notas:

1.-Todas las dimensiones son en milimetros excepto que se indique lo contrario.

2.-Minima Profundidad Nominal de las ranuras 0.3 mm.

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Notes:

1.-All dimensions in milimeters unless stated.

2.-Minimum notch nominal depth 0.3 mm.

CERTIFIED WITH PLASTIC REPLICA NO