

CERTIFICADO PATRON DE CND

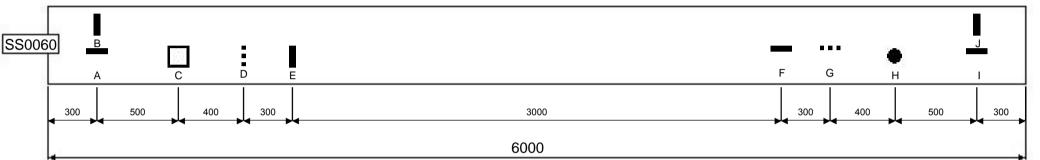
TEND

NDT Reference Standard Certificate

Tubo patrón número
Reference standard #

SS0060





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 | Longitudinal Externo longitudinal OD | 1,00 | 5 | ±15 | 0,796 | 0,588 | 0,692 | 25,00 | 24,00 | 0,726 | 0,734 | 94,00 | Sebastian Monteros | 27/02/06 |
| В | Transversal Externo Transverse OD | 1,00 | 5 | ±15 | 0,796 | 0,588 | 0,692 | 25,00 | 23,00 | 0,738 | 0,741 | 0,94 | Sebastian Monteros | 27/02/06 |
| С | Reduccion de Espesor Externo | 1,00 | 13 | ±15 | 1,990 | 1,471 | 1,730 | 25,00 | 25,00 | - | - | 25,00 | Sebastian Monteros | 27/02/06 |
| D | Transversal Interno Transverse ID | 1,00 | 5 | ±15 | 0,796 | 0,588 | 0,692 | 25,00 | 22,00 | 0,733 | 0,767 | 0,87 | Sebastian Monteros | 27/02/06 |
| Е | Transversal Externo Transverse OD | 1,00 | 5 | ±15 | 0,796 | 0,588 | 0,692 | 25,00 | 24,00 | 0,765 | 0,768 | 0,86 | Sebastian Monteros | 27/02/06 |
| F | Longitudinal Externo longitudinal OD | 1,00 | 5 | ±15 | 0,796 | 0,588 | 0,692 | 25,00 | 24,00 | 0,737 | 0,758 | 0,84 | Sebastian Monteros | 27/02/06 |
| G | Longitudinal Interno Longitudinal ID | 1,00 | 5 | ±15 | 0,796 | 0,588 | 0,692 | 25,00 | 24,00 | 0,740 | 0,710 | 0,85 | Sebastian Monteros | 27/02/06 |
| Н | Agujero Fondo Plano Flat bottom hole | 6,00 | 50 | ±15 | 7,958 | 5,882 | 6,920 | - | - | 7,200 | - | 6,00 | Sebastian Monteros | 27/02/06 |

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

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Fecha Date 27/02/2006 03:22:09 p.m. Hoja Page 1/2 Documento Vigencia

TAND-001-05 17/04/2006



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SS0060

| Datos del Producto Product Information | | | | | | | | | |
|--|--------|---------------------------------------|-----------------------------------|-------|--|--|--|--|--|
| Diametro [mm] Diameter | 244,48 | Cliente Client | Ciclo Product | 63341 | | | | | |
| Espesor [mm] Wall Thickness | 13,84 | Tratamiento Termico Heat Treatment | Colada _{Heat} | 0 | | | | | |
| Trazabilidad Traceability | 0 | | Expediente Manufacturing Order | | | | | | |

| Posicio Position | · · | Ancho / Diam Max [mm] Max Width / Diam | Profundidad Nominal [%] Depth | Tolerancia [%] Tolerance | | 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 |
|---------------------|--------------------------------------|--|-------------------------------------|--------------------------------|-------|---|--|--|----------------------------|-----------------------------------|-----------------------------------|--------------------------------------|----------------------------|---------------|
| 1 | Longitudinal Externo longitudinal OD | 1,00 | 5 | ±15 | 0,796 | 0,588 | 0,692 | 25,00 | 24,00 | 0,741 | 0,779 | 0,94 | Sebastian Monteros | 27/02/06 |
| J | Transversal Externo Transverse OD | 1,00 | 5 | ±15 | 0,796 | 0,588 | 0,692 | 25,00 | 23,00 | 0,780 | 0,765 | 0,94 | Sebastian Monteros | 27/02/06 |

Instrumentos de Medicion Utilizados:

Calibre Pie de Rey Codigo:

Proyector de Perfiles Mitutoyo PJ300 Codigo: 302-916E

Micrómetro digital TESA Codigo: 40900694

Notas:

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CERTIFICADO CON REPLICA NO

Notes:

1.-All dimensions in milimeters unless stated.

2.-Minimum notch nominal depth 0.3 mm.

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