

CERTIFICADO PATRON DE CND

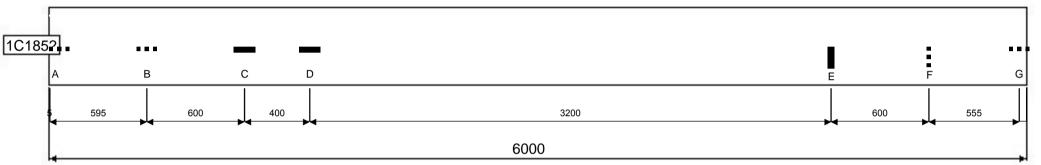
TEND

NDT Reference Standard Certificate

Tubo patrón número
Reference standard #

1C1852

| Datos del Producto Product Information | | | | | | | | | |
|--|------|---------------------------------------|----------------------|-----------------------------------|---------|--|--|--|--|
| Diametro [mm] | 88,9 | Cliente Client | TUVALCA VENEZUELA | Ciclo Product | 50629 | | | | |
| Espesor [mm] Wall Thickness | 5,5 | Tratamiento Termico Heat Treatment | NO | Colada _{Heat} | 32346 | | | | |
| Trazabilidad Traceability | 0 | | | Expediente Manufacturing Order | 5129401 | | | | |



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 Interno Longitudinal ID | 1,00 | 13 | +15-0 | 0,791 | 0,688 | 0,688 | 48,00 | 48,00 | 0,667 | 0,665 | 0,88 | Daniel Carcacha | 12/09/08 |
| В | Longitudinal Interno Longitudinal ID | 0,84 | 10 | ±15 | 0,633 | 0,468 | 0,550 | 49,70 | 49,70 | 0,624 | 0,632 | 0,84 | Daniel Carcacha | 12/09/08 |
| С | Longitudinal Externo longitudinal OD | 1,00 | 5 | ±15 | 0,345 | 0,255 | 0,300 | 50,00 | 49,80 | 0,341 | 0,331 | 0,84 | Daniel Carcacha | 12/09/08 |
| D | Longitudinal Externo longitudinal OD | 1,00 | 10 | ±15 | 0,633 | 0,468 | 0,550 | 50,00 | 49,80 | 0,579 | 0,618 | 0,86 | Daniel Carcacha | 12/09/08 |
| Е | Transversal Externo Transverse OD | 1,00 | 5 | ±15 | 0,345 | 0,255 | 0,300 | 50,00 | 47,00 | 0,318 | 0,331 | 0,82 | Daniel Carcacha | 12/09/08 |
| F | Transversal Interno Transverse ID | 1,00 | 5 | ±15 | 0,345 | 0,255 | 0,300 | 50,00 | 30,00 | 0,342 | 0,339 | 0,85 | Daniel Carcacha | 12/09/08 |
| G | Longitudinal Interno Longitudinal ID | 1,00 | 13 | +15-0 | 0,791 | 0,688 | 0,688 | 50,00 | 49,60 | 0,675 | 0,684 | 0,84 | Daniel Carcacha | 12/09/08 |

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 SI

Notes:

- 1.-All dimensions in milimeters unless stated.
- 2.-Minimum notch nominal depth 0.3 mm.

CERTIFIED WITH PLASTIC REPLICA YES

OT-PMANT

Fecha

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TAND-001-05 17/04/2006



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| Datos del Producto Product Information | | | | | | | | |
|--|------|---------------------|----------------------|-----------------------------------|---------|--|--|--|
| Diametro [mm] Diameter | 88,9 | Cliente Client | TUVALCA VENEZUELA | Ciclo Product | 50629 | | | |
| Espesor [mm] Wall Thickness | 5,5 | Tratamiento Termico | NO | Colada _{Heat} | 32346 | | | |
| Trazabilidad Traceability | 0 | | | Expediente Manufacturing Order | 5129401 | | | |

Instrumentos de Medicion Utilizados:

Proyector de Perfiles Mitutoyo PJ-A3000 Codigo: 302-711A

Calibre Pie de Rey Codigo:

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Notes:

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