

CERTIFICADO PATRON DE CND

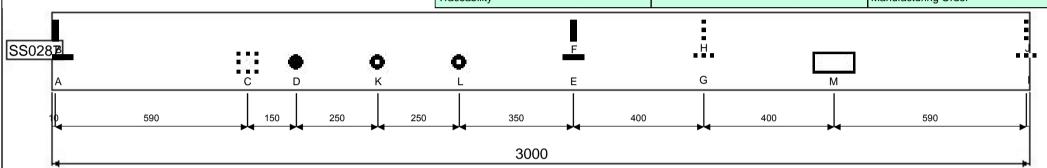
TEND

NDT Reference Standard Certificate



SS0287

Datos del Producto Product Information SELF -ASSESSMEN T CVX -UTL3 Cliente Client Diametro [mm] 114,3 60366 Diameter Espesor [mm]
Wall Thickness Colada _{Heat} Tratamiento Termico SI 6 0 **Heat Treatment** Expediente Manufacturing Order Trazabilidad 0 Traceability



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 | 0,50 | 5 | ±15 | 0,345 | 0,255 | 0,300 | 25,00 | 25,00 | 0,344 | 0,334 | 0,58 | Pablo Mazzeo | 15/08/14 |
| В | Transversal Externo Transverse OD | 0,50 | 5 | ±15 | 0,345 | 0,255 | 0,300 | 9,52 | 9,30 | 0,343 | 0,343 | 0,59 | Pablo Mazzeo | 15/08/14 |
| С | Reduccion de espesor interno | 12,70 | 5 | ±0 | 0,300 | 0,300 | 0,300 | 25,40 | 24,00 | - | - | 12,00 | Pablo Mazzeo | 16/08/14 |
| D | Agujero Fondo Plano Flat bottom hole | 6,35 | 50 | ±15 | 3,450 | 2,550 | 3,000 | - | ı | 3,200 | - | 6,10 | Pablo Mazzeo | 16/08/14 |
| Е | Longitudinal Externo longitudinal OD | 0,50 | 5 | ±15 | 0,345 | 0,255 | 0,300 | 25,40 | 25,00 | 0,320 | 0,342 | 0,58 | Pablo Mazzeo | 15/08/14 |
| F | Transversal Externo Transverse OD | 0,50 | 5 | ±15 | 0,345 | 0,255 | 0,300 | 9,52 | 9,30 | 0,319 | 0,319 | 0,58 | Pablo Mazzeo | 15/08/14 |
| G | Longitudinal Interno Longitudinal ID | 0,50 | 5 | ±15 | 0,345 | 0,255 | 0,300 | 25,40 | 24,60 | 0,326 | 0,337 | 0,57 | Dante Antunez | 22/08/14 |
| Н | Transversal Interno Transverse ID | 0,50 | 5 | ±15 | 0,345 | 0,255 | 0,300 | 9,52 | 9,50 | 0,345 | 0,345 | 0,56 | Dante Antunez | 22/08/14 |

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 Date 14/10/2014 08:38:00 p.m. Hoja Page 1/2 Documento Vigencia

TAND-001-05 17/04/2006



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NDT Reference Standard Certificate

Tubo patrón número
Reference standard #

SS0287

| Datos del Producto Product Information | | | | | | | | | | |
|--|-------|---------------------------------------|------------------------------------|-----------------------------------|-------|--|--|--|--|--|
| Diametro [mm] Diameter | 114,3 | Cliente Client | SELF - ASSESSMEN T CVX -UTL3 | Ciclo Product | 60366 | | | | | |
| Espesor [mm] Wall Thickness | 6 | Tratamiento Termico Heat Treatment | SI | 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 | 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 |
|----------------------|---|--|-------------------------------------|--------------------------------|---|---|--|--|----------------------------|-----------------------------------|-----------------------------------|--------------------------------------|----------------------------|---------------|
| I | Longitudinal Interno Longitudinal ID | 0,50 | 5 | ±15 | 0,345 | 0,255 | 0,300 | 25,40 | 24,60 | 0,333 | 0,338 | 0,57 | Dante Antunez | 20/08/14 |
| J | Transversal Interno Transverse ID | 0,50 | 5 | ±15 | 0,345 | 0,255 | 0,300 | 9,52 | 9,50 | 0,343 | 0,343 | 0,56 | Dante Antunez | 20/08/14 |
| K | Agujero Pasante Drilled hole | 1,60 | - | - | - | - | - | - | - | - | - | 1,60 | Default Default | 09/09/14 |
| L | Agujero Pasante Drilled hole | 3,20 | | - | - | - | - | | | - | | 3,20 | Default Default | 09/09/14 |
| М | Chavetero Grove | 6,00 | 50 | ±15 | 3,450 | 2,550 | 3,000 | 16,00 | 16,00 | 3,000 | 3,000 | 6,00 | Daniel Carcacha | 14/10/14 |

Instrumentos de Medicion Utilizados:

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

Calibre Pie de Rey Codigo:

Notas:

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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