

CERTIFICADO PATRON DE CND

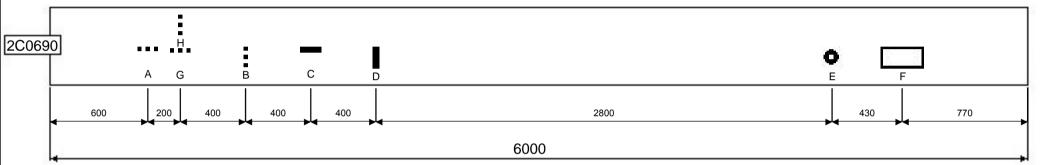
TEND

NDT Reference Standard Certificate

Tubo patrón número
Reference standard #

2C0690

| Datos del Producto Product Information | | | | | | | | | |
|--|-------|---------------------------------------|--------------------|-----------------------------------|-------|--|--|--|--|
| Diametro [mm] | 168,3 | Cliente Client | TENGIZCHE VROIL | Ciclo Product | 62869 | | | | |
| Espesor [mm] Wall Thickness | 7,1 | Tratamiento Termico Heat Treatment | SI | Colada _{Heat} | 72203 | | | | |
| Trazabilidad Traceability | 0 | | | Expediente Manufacturing Order | | | | | |



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 | 5 | ±15 | 0,408 | 0,302 | 0,355 | 50,80 | 47,00 | 0,403 | 0,407 | 0,83 | Dante Antunez | 26/08/15 |
| В | Transversal Interno Transverse ID | 1,00 | 5 | ±15 | 0,408 | 0,302 | 0,355 | 50,80 | 40,50 | 0,367 | 0,329 | 0,83 | Dante Antunez | 26/08/15 |
| С | Longitudinal Externo longitudinal OD | 1,00 | 5 | ±15 | 0,408 | 0,302 | 0,355 | 50,80 | 48,00 | 0,407 | 0,401 | 0,81 | Dante Antunez | 26/08/15 |
| D | Transversal Externo Transverse OD | 1,00 | 5 | ±15 | 0,408 | 0,302 | 0,355 | 50,80 | 43,50 | 0,378 | 0,406 | 0,81 | Dante Antunez | 26/08/15 |
| Е | Agujero Pasante Drilled hole | 1,60 | - | ı | - | - | - | ı | - | - | - | 1,60 | Daniel Carcacha | 27/08/15 |
| F | Chavetero Grove | 6,00 | 50 | +15-0 | 4,083 | 3,550 | 3,550 | 17,00 | 17,00 | 3,550 | 3,550 | 6,00 | Daniel Carcacha | 27/08/15 |
| G | Longitudinal Interno Longitudinal ID | 1,00 | 10 | ±15 | 0,817 | 0,604 | 0,710 | 50,00 | 50,00 | 0,644 | 0,721 | 0,84 | Agustin Torres | 25/08/16 |
| Н | Transversal Interno Transverse ID | 1,00 | 10 | ±15 | 0,817 | 0,604 | 0,710 | 50,00 | 35,00 | 0,789 | 0,800 | 0,83 | Agustin Torres | 25/08/16 |

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



CERTIFICADO PATRON DE CND

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NDT Reference Standard Certificate

Tubo patrón número 2C0690

| Datos del Producto Product Information | | | | | | | |
|--|-------|---------------------------------------|--------------------|-----------------------------------|-------|--|--|
| Diametro [mm] Diameter | 168,3 | Cliente Client | TENGIZCHE VROIL | Ciclo Product | 62869 | | |
| Espesor [mm] Wall Thickness | 7,1 | Tratamiento Termico Heat Treatment | SI | Colada _{Heat} | 72203 | | |
| Trazabilidad Traceability | 0 | | | Expediente Manufacturing Order | | | |

Instrumentos de Medicion Utilizados:

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

Calibre Pie de Rey Codigo:

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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