

## CERTIFICADO PATRON DE CND

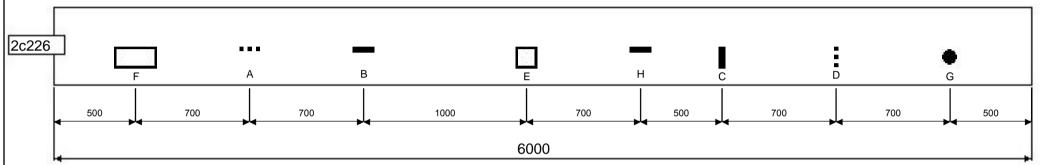
**TEND** 

NDT Reference Standard Certificate

Tubo patrón número
Reference standard #

2c226

Datos del Producto Product Information Ciclo Product Cliente PAN AMERICAN Diametro [mm] 273,1 75110 Diameter Espesor [mm]
Wall Thickness Tratamiento Termico Colada Heat 31,75 57423 **Heat Treatment** Trazabilidad Expediente Manufacturing Order 0 Traceability



Valores Pedidos / Requested Values

Valores Medidos / Measured Values

| Posicion<br>Position | Tipo de Notch<br>Notch Type             | Ancho / Diam<br>Max [mm]<br>Max Width / Diam | Profundidad<br>Nominal [%]<br>Depth | Tolerancia<br>[%]<br>Tolerance | Profundidad<br>Maxima [mm]<br>Max Depth | Profundidad<br>Minima [mm]<br>Min Depth | Profundidad<br>Nominal [mm]<br>Nom Depth | Longitud<br>Maxima<br>[mm]<br>Max Length | Longitud<br>[mm]<br>Length | Profundida<br>d A [mm]<br>Depth A | Profundida<br>d B [mm]<br>Depth B | Ancho / Diam<br>[mm]<br>Width / Diam | Responsable<br>Responsible | Fecha<br>Date |
|----------------------|---|--|-------------------------------------|--------------------------------|---|---|--|--|----------------------------|-----------------------------------|-----------------------------------|--------------------------------------|----------------------------|---------------|
| Α                    | Longitudinal Interno<br>Longitudinal ID | 1,00   | 5                                   | ±15                            | 1,826                                   | 1,349                                   | 1,588                                    | 50,00                                    | 48,00                      | 1,736                             | 1,772                             | 0,99                                 | Sebastian Monteros         | 03/09/04      |
| В                    | Longitudinal Externo longitudinal OD    | 1,00   | 5                                   | ±15                            | 1,826                                   | 1,349                                   | 1,588                                    | 50,00                                    | 49,00                      | 1,600                             | 1,623                             | 0,95                                 | Sebastian Monteros         | 03/09/04      |
| С                    | Transversal Externo Transverse OD       | 1,00   | 5                                   | ±15                            | 1,826                                   | 1,349                                   | 1,588                                    | 50,00                                    | 50,00                      | 1,664                             | 1,671                             | 0,99                                 | Sebastian Monteros         | 03/09/04      |
| D                    | Transversal Interno Transverse ID       | 1,00   | 5                                   | ±15                            | 1,826                                   | 1,349                                   | 1,588                                    | 50,00                                    | 45,00                      | 1,728                             | 1,636                             | 0,98                                 | Sebastian Monteros         | 03/09/04      |
| Е                    | Reduccion de Espesor<br>Externo         | 50,00  | 13                                  | ±15                            | 4,564                                   | 3,373                                   | 3,969                                    | 75,00                                    | 75,00                      | -                                 |                                   | 50,00                                | Sebastian Monteros         | 03/09/04      |
| F                    | Chavetero<br>Grove                      | 7,00   | 50                                  | +25-0                          | 19,844                                  | 15,875                                  | 15,875                                   | 24,00                                    | 24,00                      | 14,100                            | 14,100                            | 7,00                                 | Pablo Mazzeo               | 22/09/10      |
| G                    | Agujero Fondo Plano<br>Flat bottom hole | 6,00   | 50                                  | +40-0                          | 22,225                                  | 15,875                                  | 15,875                                   | -  | -                          | 13,200                            |                                   | 6,00                                 | Daniel Carcacha            | 01/02/11      |
| Н                    | Longitudinal Externo longitudinal OD    | 1,00   | 10                                  | ±15                            | 3,651                                   | 2,699                                   | 3,175                                    | 50,80                                    | 48,00                      | 3,027                             | 3,042                             | 0,90                                 | Default Default            | 08/07/11      |

## 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

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TAND-001-05 17/04/2006



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| Datos del Producto Product Information |       |                     |                 |                                   |       |  |  |  |  |
|--|-------|---------------------|-----------------|-----------------------------------|-------|--|--|--|--|
| Diametro [mm] Diameter                 | 273,1 | Cliente<br>Client   | PAN<br>AMERICAN | Ciclo<br>Product                  | 75110 |  |  |  |  |
| Espesor [mm]<br>Wall Thickness         | 31,75 | Tratamiento Termico |                 | Colada<br><sub>Heat</sub>         | 57423 |  |  |  |  |
| Trazabilidad<br>Traceability           | 0     |                     |                 | Expediente<br>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

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