

## CERTIFICADO PATRON DE CND

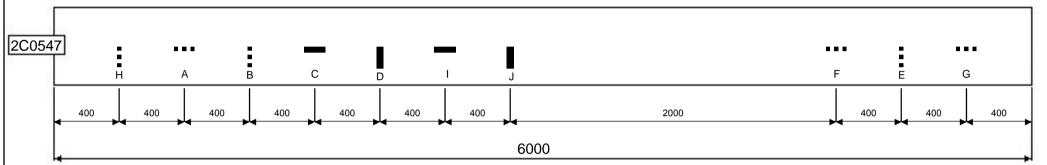
**TEND** 

NDT Reference Standard Certificate

Tubo patrón número
Reference standard #

2C0547

| Datos del Producto Product Information |       |                     |                 |                                   |         |  |  |  |  |
|--|-------|---------------------|-----------------|-----------------------------------|---------|--|--|--|--|
| Diametro [mm]                          | 141,3 | Cliente<br>Client   | COMCO<br>GUELPH | Ciclo<br>Product                  | 53356   |  |  |  |  |
| Espesor [mm]<br>Wall Thickness         | 19,05 | Tratamiento Termico | NO              | Colada<br><sub>Heat</sub>         | 81404   |  |  |  |  |
| Trazabilidad<br>Traceability           | 0     |                     |                 | Expediente<br>Manufacturing Order | 5128608 |  |  |  |  |



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                            | 1,095                                   | 0,810                                   | 0,953                                    | 50,80                                    | 47,00                      | 1,033                             | 1,027                             | 0,86                                 | Agustin Torres             | 03/08/11      |
| В                    | Transversal Interno Transverse ID       | 1,00   | 5                                   | ±15                            | 1,095                                   | 0,810                                   | 0,953                                    | 50,80                                    | 45,00                      | 1,045                             | 1,023                             | 0,86                                 | Agustin Torres             | 03/08/11      |
| С                    | Longitudinal Externo longitudinal OD    | 1,00   | 5                                   | ±15                            | 1,095                                   | 0,810                                   | 0,953                                    | 50,00                                    | 49,60                      | 1,035                             | 1,042                             | 0,83                                 | Agustin Torres             | 03/08/11      |
| D                    | Transversal Externo Transverse OD       | 1,00   | 5                                   | ±15                            | 1,095                                   | 0,810                                   | 0,953                                    | 50,80                                    | 42,00                      | 1,034                             | 1,039                             | 0,85                                 | Agustin Torres             | 03/08/11      |
| Е                    | Transversal Interno Transverse ID       | 1,00   | 10                                  | ±15                            | 2,191                                   | 1,619                                   | 1,905                                    | 50,80                                    | 45,00                      | 1,737                             | 1,757                             | 1,00                                 | Agustin Torres             | 03/08/11      |
| F                    | Longitudinal Interno<br>Longitudinal ID | 1,00   | 10                                  | ±15                            | 2,191                                   | 1,619                                   | 1,905                                    | 50,80                                    | 47,00                      | 1,963                             | 1,947                             | 0,91                                 | Agustin Torres             | 03/08/11      |
| G                    | Longitudinal Interno Longitudinal ID    | 1,00   | 5                                   | ±15                            | 1,095                                   | 0,810                                   | 0,953                                    | 25,40                                    | 25,00                      | 1,044                             | 1,033                             | 0,00                                 | Sebastian Monteros         | 06/04/12      |
| Н                    | Transversal Interno<br>Transverse ID    | 1,00   | 5                                   | ±15                            | 1,095                                   | 0,810                                   | 0,953                                    | 25,40                                    | 24,50                      | 1,045                             | 1,021                             | 0,98                                 | Sebastian Monteros         | 06/04/12      |

## 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 06/04/2012 Hoja 1/2 Documento TAND-001-05 Vigencia 17/04/2006



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| Datos del Producto Product Information |       |                     |                 |                                   |         |  |  |  |  |
|--|-------|---------------------|-----------------|-----------------------------------|---------|--|--|--|--|
| Diametro [mm] Diameter                 | 141,3 | Cliente<br>Client   | COMCO<br>GUELPH | Ciclo<br>Product                  | 53356   |  |  |  |  |
| Espesor [mm]<br>Wall Thickness         | 19,05 | Tratamiento Termico | NO              | Colada<br><sub>Heat</sub>         | 81404   |  |  |  |  |
| Trazabilidad<br>Traceability           | 0     |                     |                 | Expediente<br>Manufacturing Order | 5128608 |  |  |  |  |

| Posicio<br>Positio |                                      | Ancho / Diam<br>Max [mm]<br>Max Width / Diam | Profundidad<br>Nominal [%]<br>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 |
|--------------------|--------------------------------------|--|-------------------------------------|-----|-------|---|--|--|----------------------------|-----------------------------------|-----------------------------------|--------------------------------------|----------------------------|---------------|
| I                  | Longitudinal Externo longitudinal OD | 1,00   | 5                                   | ±15 | 1,095 | 0,810                                   | 0,953                                    | 25,40                                    | 25,00                      | 1,080                             | 1,076                             | 0,98                                 | Sebastian Monteros         | 06/04/12      |
| J                  | Transversal Externo Transverse OD    | 1,00   | 5                                   | ±15 | 1,095 | 0,810                                   | 0,953                                    | 25,40                                    | 23,90                      | 1,058                             | 1,050                             | 0,98                                 | Sebastian Monteros         | 06/04/12      |

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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