

CERTIFICADO PATRON DE CND

TEND

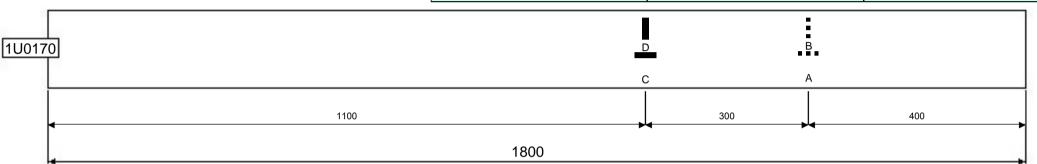
TAND-001-05

17/04/2006

NDT Reference Standard Certificate



| Datos del Producto Product Information | | | | | | | | |
|--|------|---------------------------------------|-----------------------------------|-------|--|--|--|--|
| Diametro [mm] | 88,9 | Cliente Client | Ciclo Product | 65376 | | | | |
| Espesor [mm] Wall Thickness | 6,45 | Tratamiento Termico Heat Treatment | Colada Heat | 3991 | | | | |
| 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 |
|----------------------|---|--|-------------------------------------|--------------------------------|---|---|--|--|----------------------------|-----------------------------------|-----------------------------------|--------------------------------------|----------------------------|---------------|
| ι Δ | Longitudinal Interno Longitudinal ID | 1,00 | 13 | ±15 | 0,927 | 0,685 | 0,806 | 50,00 | 45,00 | 0,882 | 0,853 | 0,99 | Sebastian Monteros | 29/12/06 |
| В | Transversal Interno Transverse ID | 1,00 | 13 | ±15 | 0,927 | 0,685 | 0,806 | 50,00 | 31,00 | 0,901 | 0,853 | 0,85 | Sebastian Monteros | 29/12/06 |
| C | Longitudinal Externo longitudinal OD | 1,00 | 13 | ±15 | 0,927 | 0,685 | 0,806 | 50,00 | 48,50 | 0,856 | 0,886 | 0,88 | Sebastian Monteros | 29/12/06 |
| D | Transversal Externo Transverse OD | 1,00 | 13 | ±15 | 0,927 | 0,685 | 0,806 | 50,00 | 41,50 | 0,911 | 0,896 | 0,89 | Sebastian Monteros | 29/12/06 |

Instrumentos de Medicion Utilizados:

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

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