

CERTIFICADO PATRON DE CND

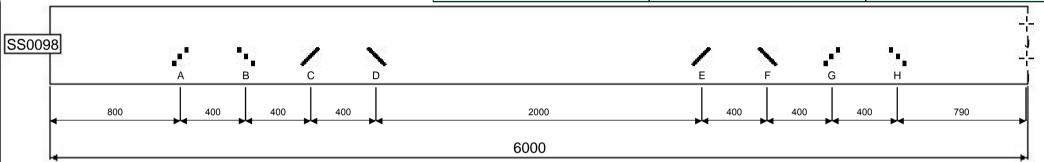
TEND

NDT Reference Standard Certificate



SS0098





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 | | Profundidad Maxima [mm] Max Depth | Profundidad Minima [mm] Min Depth | Profundidad Nominal [mm] Nom Depth | Longitud Maxima [mm] Max Length | Longitud [mm] Length | Profundid ad A [mm] Depth A | Profundid ad B [mm] Depth B | Ancho / Diam [mm] Width / Diam | Espesor Remanente [mm] Thickness | Responsable Responsible | Fecha Date |
|----------------------|---|---|-------------------------------------|-----|--|---|---|--|----------------------------|-----------------------------------|-----------------------------------|--------------------------------------|---|----------------------------|---------------|
| Α | Oblicuo Derecho Interno | 1,00 | 5 | ±15 | 0,796 | 0,588 | 0,692 | 25,40 | 23,90 | 0,772 | 0,775 | 0,85 | - | Default Default | 26/09/07 |
| В | Oblicuo Izquierdo Interno | 1,00 | 5 | ±15 | 0,796 | 0,588 | 0,692 | 25,40 | 23,90 | 0,769 | 0,787 | 0,77 | - | Default Default | 26/09/07 |
| С | Oblicuo Derecho Externo | 1,00 | 5 | ±15 | 0,796 | 0,588 | 0,692 | 25,40 | 21,20 | 0,754 | 0,714 | 0,84 | - | Default Default | 26/09/07 |
| D | Oblicuo Izquierdo Externo | 1,00 | 5 | ±15 | 0,796 | 0,588 | 0,692 | 25,40 | 21,20 | 0,710 | 0,764 | 0,84 | - | Default Default | 26/09/07 |
| Е | Oblicuo Derecho Externo | 1,00 | 5 | ±15 | 0,796 | 0,588 | 0,692 | 25,40 | 21,20 | 0,776 | 0,789 | 0,84 | - | Default Default | 26/09/07 |
| F | Oblicuo Izquierdo Externo | 1,00 | 5 | ±15 | 0,796 | 0,588 | 0,692 | 25,40 | 21,20 | 0,704 | 0,658 | 0,84 | - | Default Default | 26/09/07 |
| G | Oblicuo Derecho Interno | 1,00 | 5 | ±15 | 0,796 | 0,588 | 0,692 | 25,40 | 23,90 | 0,778 | 0,744 | 0,81 | - | Default Default | 26/09/07 |
| Н | Oblicuo Izquierdo Interno Oblique Left ID | 1,00 | 5 | ±15 | 0,796 | 0,588 | 0,692 | 25,40 | 23,90 | 0,738 | 0,718 | 0,83 | - | Default Default | 26/09/07 |

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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Fecha Date 26/09/2007 09:41:34 a.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 #

SS0098

| Datos del Producto Product Information | | | | | | | | | | |
|--|--------|---------------------------------------|---------------------------------|-----------------------------------|----------|--|--|--|--|--|
| Diametro [mm] Diameter | 244,48 | Cliente Client | CALIFICACI ON EXXON MOBIL | Ciclo Product | 64150 | | | | | |
| Espesor [mm] Wall Thickness | 13,84 | Tratamiento Termico Heat Treatment | NO | Colada _{Heat} | 24785 | | | | | |
| Trazabilidad Traceability | 1 | | | Expediente Manufacturing Order | 50293.01 | | | | | |

| Posicion Position | Tipo de Notch Notch Type | Ancho / Diam Max [mm] Max Width / Diam | Profundidad Nominal [%] Depth | | Profundidad Maxima [mm] Max Depth | Profundidad Minima [mm] Min Depth | Nominal [mm] | Longitud Maxima [mm] Max Length | [mm] Length | Profundid ad A [mm] Depth A | ad B [mm] | Ancho / Diam [mm] Width / Diam | Espesor Remanente [mm] Thickness | Responsable Responsible | Fecha Date |
|----------------------|--|---|-------------------------------------|---|--|---|-----------------|--|----------------|-----------------------------------|-----------|--------------------------------------|---|----------------------------|---------------|
| | Punto de Espesor Wall thickness point | - | - | - | - | - | - | - | - | - | - | - | 14,10 | Default Default | 26/09/07 |
| J | Punto de Espesor Wall thickness point | - | - | - | - | - | - | - | - | - | - | - | 13,64 | Default Default | 26/09/07 |

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