

CERTIFICADO PATRON DE CND

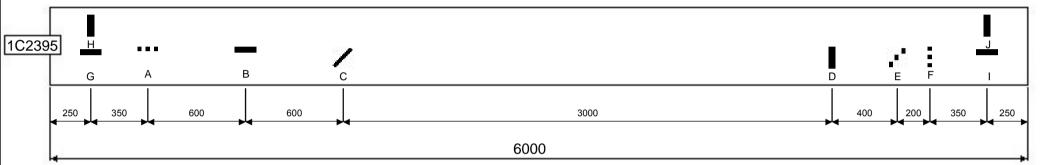
TEND

NDT Reference Standard Certificate

Tubo patrón número
Reference standard #

1C2395

| Datos del Producto Product Information | | | | | | | | | |
|---|------|---------------------|----|-----------------------------------|---------|--|--|--|--|
| Diametro [mm] 114,3 Cliente PDVSA Ciclo Product 805 | | | | | | | | | |
| Espesor [mm] Wall Thickness | 7,37 | Tratamiento Termico | NO | Colada _{Heat} | 22677 | | | | |
| Trazabilidad Traceability | 0 | | | Expediente Manufacturing Order | 5322020 | | | | |



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 | 0,96 | 10 | ±15 | 0,848 | 0,626 | 0,737 | 48,00 | 48,00 | 0,828 | 0,844 | 0,96 | Pablo Mazzeo | 06/06/12 |
| В | Longitudinal Externo longitudinal OD | 1,00 | 5 | ±15 | 0,424 | 0,313 | 0,369 | 50,80 | 48,00 | 0,381 | 0,393 | 0,92 | Pablo Mazzeo | 06/06/12 |
| С | Oblicuo Derecho Externo | 1,00 | 5 | ±15 | 0,424 | 0,313 | 0,369 | 50,80 | 48,00 | 0,386 | 0,397 | 0,92 | Pablo Mazzeo | 06/06/12 |
| D | Transversal Externo Transverse OD | 1,00 | 5 | ±15 | 0,424 | 0,313 | 0,369 | 50,80 | 42,00 | 0,389 | 0,395 | 0,92 | Pablo Mazzeo | 06/06/12 |
| Е | Oblicuo Derecho Interno Oblique Right ID | 1,00 | 10 | ±15 | 0,848 | 0,626 | 0,737 | 50,80 | 39,20 | 0,765 | 0,788 | 0,90 | Agustin Torres | 07/06/12 |
| F | Transversal Interno Transverse ID | 1,00 | 10 | ±15 | 0,848 | 0,626 | 0,737 | 50,80 | 40,50 | 0,763 | 0,757 | 0,91 | Agustin Torres | 07/06/12 |
| G | Longitudinal Externo longitudinal OD | 1,00 | 5 | ±15 | 0,424 | 0,313 | 0,369 | 50,80 | 50,00 | 0,417 | 0,415 | 0,99 | Default Default | 09/12/19 |
| Н | Transversal Externo Transverse OD | 1,00 | 5 | ±15 | 0,424 | 0,313 | 0,369 | 50,80 | 50,00 | 0,410 | 0,415 | 0,99 | Default Default | 09/12/19 |

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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| Datos del Producto Product Information | | | | | | | | | | |
|--|-------|---------------------------------------|-------|-----------------------------------|---------|--|--|--|--|--|
| Diametro [mm] Diameter | 114,3 | Ciclo Product | 80562 | | | | | | | |
| Espesor [mm] Wall Thickness | 7,37 | Tratamiento Termico Heat Treatment | NO | Colada _{Heat} | 22677 | | | | | |
| Trazabilidad Traceability | 0 | | | Expediente Manufacturing Order | 5322020 | | | | | |

| Posicion Position | Tipo de Notch Notch Type | Ancho / Diam Max [mm] Max Width / Diam | Profundidad Nominal [%] 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 |
|----------------------|--------------------------------------|--|-------------------------------------|-----|-------|---|--|--|----------------------------|-----------------------------------|-----------------------------------|--------------------------------------|----------------------------|---------------|
| I | Longitudinal Externo longitudinal OD | 1,00 | 5 | ±15 | 0,424 | 0,313 | 0,369 | 50,80 | 50,00 | 0,410 | 0,409 | 0,99 | Default Default | 09/12/19 |
| J | Transversal Externo Transverse OD | 1,00 | 5 | ±15 | 0,424 | 0,313 | 0,369 | 50,80 | 50,00 | 0,410 | 0,407 | 0,99 | Default Default | 09/12/19 |

Instrumentos de Medicion Utilizados:

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

Calibre Pie de Rey Codigo:

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