

## CERTIFICADO PATRON DE CND

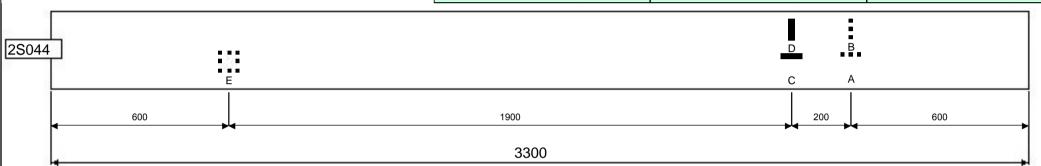
**TEND** 

NDT Reference Standard Certificate



**2S044** 

| Datos del Producto Product Information |        |                                       |       |                                   |       |  |  |  |  |
|--|--------|---------------------------------------|-------|-----------------------------------|-------|--|--|--|--|
| Diametro [mm]                          | 168,28 | Cliente<br>Client                     | ZAKUM | Ciclo<br>Product                  | 80297 |  |  |  |  |
| Espesor [mm]<br>Wall Thickness         | 8,94   | Tratamiento Termico<br>Heat Treatment | SI    | Colada<br><sub>Heat</sub>         | 88744 |  |  |  |  |
| Trazabilidad<br>Traceability           | 0      |                                       |       | Expediente<br>Manufacturing Order |       |  |  |  |  |



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                            | 0,514                                   | 0,380                                   | 0,447                                    | 50,80                                    | 50,60                      | 0,449                             | 0,448                             | 0,86                                 | Agustin Torres             | 14/09/18      |
| В                    | Transversal Interno Transverse ID       | 1,00   | 5                                   | ±15                            | 0,514                                   | 0,380                                   | 0,447                                    | 50,80                                    | 44,00                      | 0,445                             | 0,472                             | 0,81                                 | Agustin Torres             | 14/09/18      |
| С                    | Longitudinal Externo longitudinal OD    | 1,00   | 5                                   | ±15                            | 0,514                                   | 0,380                                   | 0,447                                    | 50,80                                    | 50,30                      | 0,482                             | 0,491                             | 0,81                                 | Carlos Aguilar             | 14/09/18      |
| D                    | Transversal Externo Transverse OD       | 1,00   | 5                                   | ±15                            | 0,514                                   | 0,380                                   | 0,447                                    | 50,80                                    | 46,20                      | 0,485                             | 0,482                             | 0,83                                 | Carlos Aguilar             | 14/09/18      |
| Е                    | Reduccion de espesor interno            | 25,40  | 13                                  | ±0                             | 1,118                                   | 1,118                                   | 1,118                                    | 50,80                                    | 48,00                      | -                                 | -                                 | 22,00                                | Agustin Torres             | 14/09/18      |

## 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

OT-PMANT Fecha 14/09/2018 Hoja 1/2 Documento TAND-001-05 Vigencia 17/04/2006