



Producto distribuido por

**SDM**  
Oil & Gas

 (+51) 999 012777  [ventas@sdm.pe](mailto:ventas@sdm.pe)

[www.sdm.pe](http://www.sdm.pe) | Av. Galvez Barrenechea 274. San Isidro

# Cryogenic Strainer

Bronze

DN6 - DN50 (1/4" - 2")

Parker Bestobell's T-type cryogenic strainers prevent contaminants entering an end product in industrial gas applications. Strainers with Bronze bodies are available with Socket Weld, Stainless Steels Stubs and threaded ends.

These cryogenic strainers are designed with a loose flange bolted bonnet design that allows for thermal expansion and contraction and eliminates leakage, therefore enhancing safety. Effective straining function is assured by the large clearance around the entire strainer circumference.

The 100 mesh monel strainer element is compatible with all common cryogenic liquids or gases and is supported by a perforated copper cylinder for additional strength.

All valves are degreased for oxygen duty, assembled in clean room conditions and pressure tested prior to dispatch.



DN25 Bronze Strainer with Socket Weld Ends

## Maximum Working Pressure (MWP)

Subject to end connections

Up to 50 bar (725 psi) at -196°C to +65°C

## Features

- Unique Parker Bestobell loose flange bolted bonnet design allows for thermal expansion and contraction and eliminates leakage at the bonnet gasket
- Designed and engineered specifically for cryogenic service
- Full bore
- Adequate strainer area to ensure full flow of fluid through the unit

## Technical

- Designed and engineered for use with Group 1 gases.
- Designed and manufactured in accordance with ASTM B31.1, BS EN 1626 and BS ISO 21011.
- Optional full material traceability backed by BS EN 10204 3.1/3.2 certification.

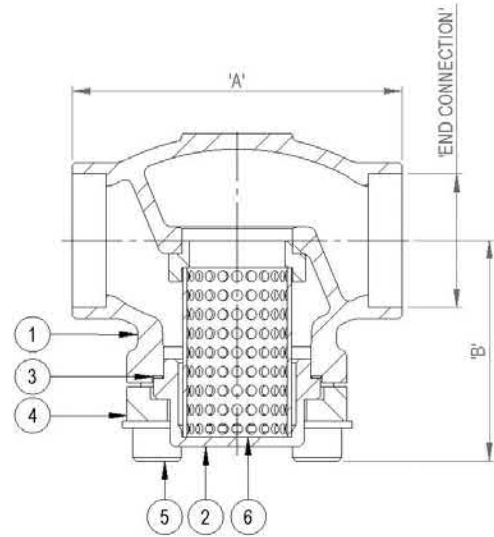
CE Marked according to the Pressure Equipment Directive.



DN25 Bronze Strainer with Stainless Steel Stubs

## Materials

	<b>Bronze</b>
1. Body	Gunmetal BS EN 1982 CC491K
2. Cover	Stainless Steel BS EN 10088-3 1.4401
3. Gasket	Sigma 511
4. Loose Flange	Stainless Steel ASTM A351 CF8M
5. Fasteners	Stainless Steel BS6105 A2 / A4 Gr.70
6. Filter	Copper / Monel Gauze



## Specifications

Size	Unit	DN6 1/4"	DN10 3/8"	DN15 1/2"	DN20 3/4"	DN25 1"	DN40 1 1/2"	DN50 2"
A	mm	68	68	68	76	92	121	146
B	mm	55	55	55	66	66	81	108
Cv	US GPM	16	16	16	44	44	80	128
Weight	kg	1	1	1	1.6	1.8	3.1	5.1

## How to Order

The correct part number is easily derived from the following number sequence

<b>CS</b>	<b>10</b>	<b>TA</b>	<b>F</b>	<b>BY</b>
Series	Valve Size Diameter Nominal (DN)	Connection Type	Filter Material	Filter Size
<b>CS</b> Cryogenic Strainer	<b>10</b> DN6	<b>TA</b> BSP-PL <b>TE</b> NPT <b>SST</b> Stainless Steel Stubs	<b>F</b> Copper/Monel	<b>BY</b> 100 mesh
	<b>20</b> DN10			
	<b>30</b> DN15			
	<b>40</b> DN20			
	<b>50</b> DN25			
	<b>70</b> DN40			
	<b>80</b> DN50			

Please contact us for other options.