

# Accessories - Gauge/Instrument Snubbers

## Pressures to 100,000 psi (6895 bar)

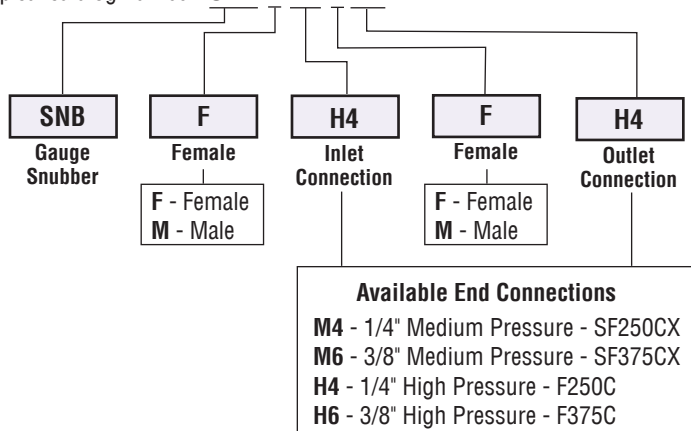
Parker Autoclave Engineers Pressure Snubbers provide protection to gauges and instrumentation from pressure surges, pulsation and shock. The unique snubber design provides superior instrument protection while not compromising instrument accuracy or reaction time. This is accomplished by the use of existing technology from our excess flow check valve with additional design features.

When sudden flow is seen, the poppet will rise, blocking the pressure surge and a small bleed hole in the poppet will allow pressure to slowly equalize. When the pressure is equalized, the poppet will then drop back down allowing normal flow to the gauge. A 5 micron filter is used to prevent the hole in the plug from becoming plugged. **The snubber must be mounted in the vertical position as indicated on the unit.**

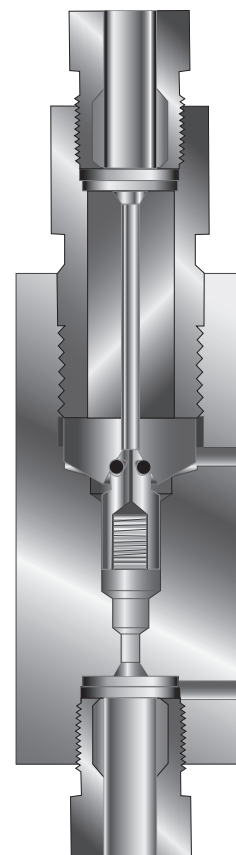
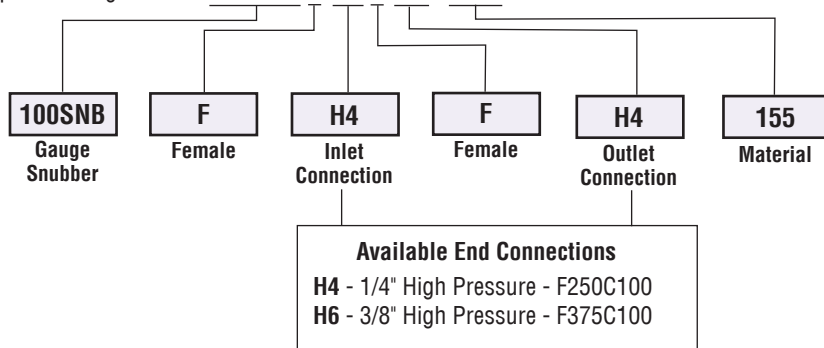
Snubbers are offered in 316SS as standard, with either male, female or male/female connections in 1/4" and 3/8" sizes. Optional materials available upon request.

O-ring is Viton rated 450°F (232°C) maximum.

Typical catalog number: **SNB F H4 F H4**



Typical catalog number: **100SNB F H4 F H4 - 155**



INLET

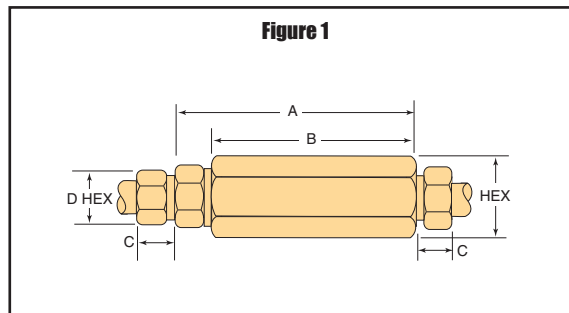
See next page for available models.

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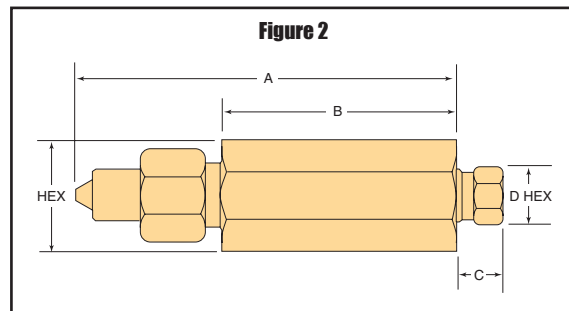
| Catalog Number   | Pressure Rating psi (bar) | Dimensions – Inches (mm) |              |              |              |               | Fig |
|------------------|---------------------------|--------------------------|--------------|--------------|--------------|---------------|-----|
|                  |                           | A                        | B            | C            | D            | Hex           |     |
| SNBFH4FH4        | 60,000 (4137)             | 3.36 (85.34)             | 2.50 (63.50) | 0.50 (12.70) | 0.63 (15.33) | 1.19 (30.22)  | 1   |
| SNBFH6FH6        | 60,000 (4137)             | 3.81 (96.77)             | 2.75 (69.85) | 0.52 (13.21) | 0.75 (19.05) | 1.19 (30.22)  | 1   |
| SNBFM4FM4        | 20,000 (1379)             | 2.77 (70.36)             | 2.38 (60.45) | 0.38 (9.65)  | 0.50 (12.70) | 0.81 (20.57)  | 1   |
| SNBFH4MH4        | 60,000 (4137)             | 4.05 (102.87)            | 2.50 (63.50) | 0.50 (12.70) | 0.63 (15.33) | 1.19 (30.22)  | 2   |
| SNBMH6MH4        | 60,000 (4137)             | 3.68 (93.47)             | 2.13 (54.10) | 1.50 (38.10) | 0.75 (19.05) | 1.19 (30.22)  | 3   |
| 100SNBFH6FH6-155 | 100,000 (6895)            | 4.65 (118.11)            | 3.50 (88.90) | 0.52 (13.21) | 0.75 (19.05) | 1.75 (44.45)* | 1   |

\* Across flats. Diameter 2.00

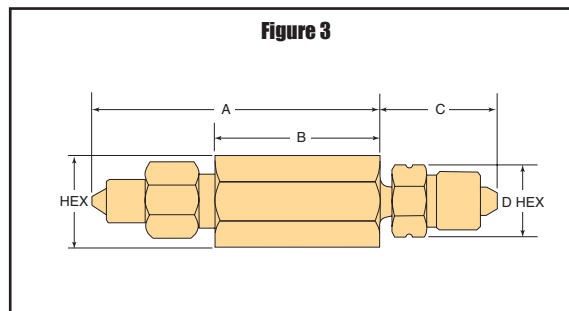
**Figure 1**



**Figure 2**



**Figure 3**



**WARNING**

**FAILURE, IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.**

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**Caution!** Do not mix or interchange parts or tubing with those of other manufacturers. Doing so is unsafe and will void warranty.

**Caution!** Parker Autoclave Engineers Valves, Fittings and Tools are not designed to work with common commercial instrument tubing and will only work with tubing built to Parker Autoclave Engineers AES Specifications. Failure to do so will void warranty.

**ISO-9001 Certified**