

# CHEMIQUIP PRESSURE SNUBBERS

## with Bite-Type Connections

(Conform to U.S. Military Specifications)

With "bite-type" connections at both inlet and outlet ports, these porous metal pressure snubbers are compatible with tubing connections of this type. Chemiquip snubbers may be ordered with a "bite-type" connection at one port; a tapered pipe, flared tubing or gasket seal connection at the other port. This makes them suitable for interconnecting fittings of various types; eliminates necessity of additional adapters which may be troublesome.

### CONFORM WITH MILITARY SPECIFICATIONS

Specification MIL-D-2940A and MIL-S-2940 applies to Dampeners, Fluid Pressure, Gauge Protection. This Specification embodies two elements, however.

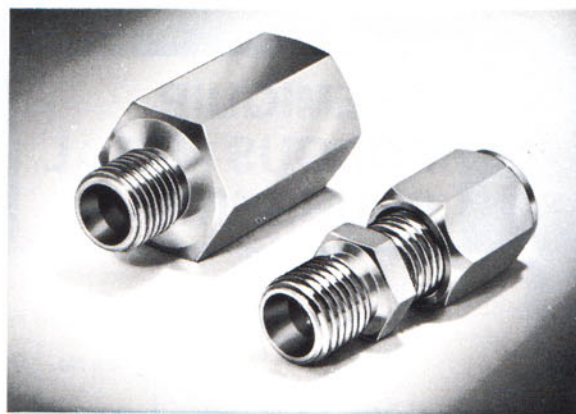
#### ELEMENT 1

Applies to performance standards and ability of the Dampener, Fluid Pressure, Gauge Protection (pressure snubber) to effect the desired results. All Chemiquip pressure snubbers conform with this element.

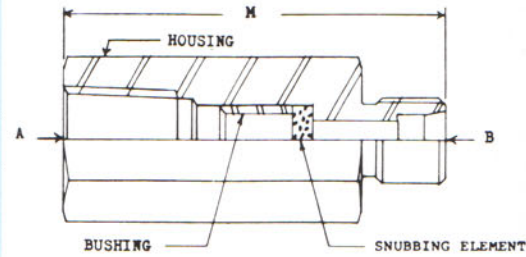
#### ELEMENT 2

Covers the style, thread and shape of the connecting ports; further provides that each pressure snubber be equipped with a male x female port. In addition to conforming with Specifications, Chemiquip Pressure Snubbers are available with other configurations of connecting ports.

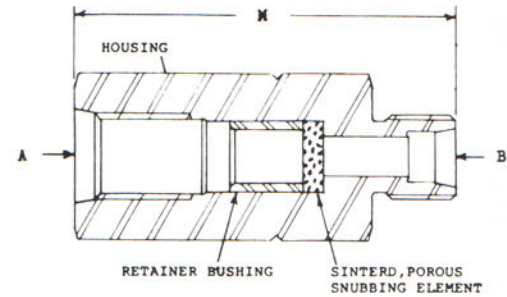
Table I indicates other Military Specifications to which a specific unit conforms as well as conformity of each specific Chemiquip pressure snubber style with all elements of MIL-D-2940A and MIL-S-2940B.



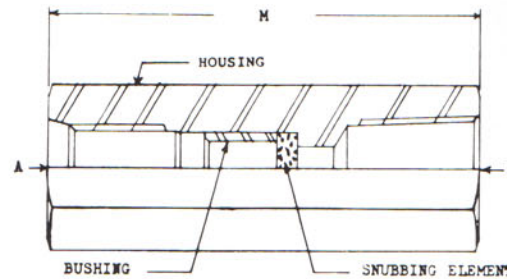
Cat. No. 25FS-1U



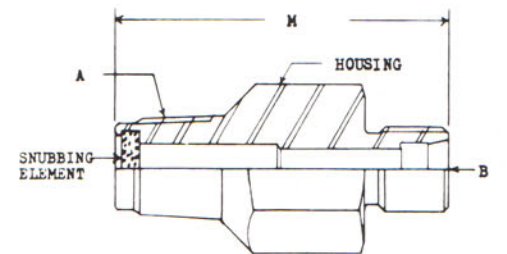
Cat. No. KNC-1U



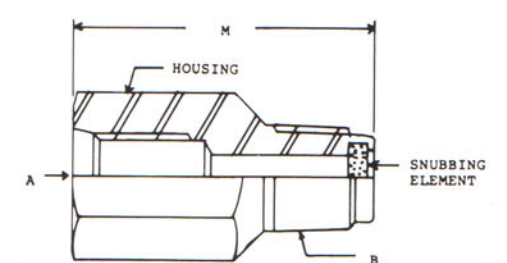
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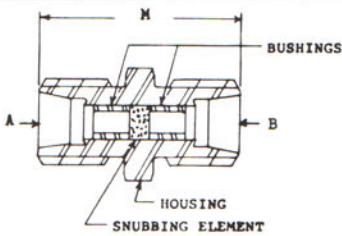
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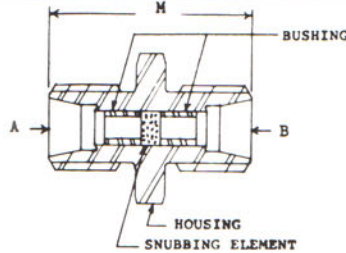
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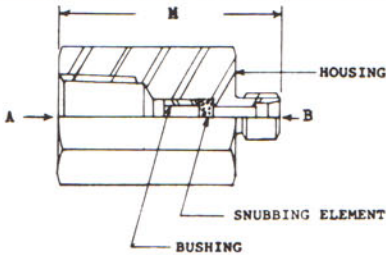
Cat. No. AC-1U



Cat. No. ACG-1U



Cat. No. 50FS-1U



Cat. No. 50FS-1K

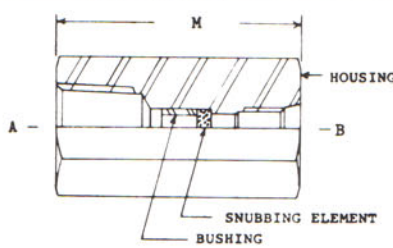


TABLE I

DIMENSIONS

Catalog No. 1,2	A (O.D. Tube)	B (O.D. Tube)	Hex	M	Thread A B
AC-1U <sup>3</sup>	1/4"	1/4"	1/2"	1 1/8"	3/8"-20
ACG-1U <sup>3</sup>	1/4"	1/4"	1 1/8"	1 1/8"	3/8"-20
25FS-1U <sup>3,4</sup>	1/4" npt	1/4"	3/4"	2"	1/4" npt 3/8"-20
25FS-1K <sup>5</sup>	1/4" npt	1/4"	3/4"	2 1/4"	1/4" npt 3/8"-20
25MS-1U <sup>3</sup>	1/4" npt	1/4"	3/4"	1 3/4"	1/4" npt 3/8"-20
25MS-1K <sup>4,5</sup>	1/4" npt	1/4" npt	3/4"	1 3/8"	3/8"-20 1/4" npt
KNC-1U <sup>3,4,5,6</sup>	1/4"	1/4"	3/4"	2"	3/8"-20
50FS-1U <sup>3</sup>	1/2" npt	1/4"	1 1/4"	2 1/4"	1/2" npt 3/8"-20
50FS-1K <sup>5</sup>	1/2" npt	1/4"	1 1/4"	2 3/8"	1/2" npt 3/8"-20

1. Catalog Numbers Shown are made of 316 Stainless Steel. 2. Add porosity designation from Table II (C, D, E, F, G or HX) to Catalog Number. 3. Straight-thread end (male) conforms to MIL-F-21467C. 4. Conforms to MIL-D-2940A. 5. Straight-thread end (female) conforms to MS-16142. 6. Available with 9/16-18 threads.

TABLE II

RECOMMENDED POROSITIES

Porosity Designation	Military Designation Type	Service Fluid	Viscosity Range
C	I	Highly Viscous Fluids	Over 500 S.S.U.
D	I	Heavy Oils	225 to 500 S.S.U.
E	II	Water & Light Oils	30 to 225 S.S.U.
F	II	Vapors & Low Viscosity Fluids	Under 30 S.S.U.
G	III	Air & Similar Gases	
HX		Violent Pneumatic Pulse	

TABLE III

OPERATING CHARACTERISTICS

	Stainless Steel	Cadmium-Plated Carbon Steel	Monel (NiCu)
Operating Pressure	6,000 psi	3,000 psi	6,000 psi
Maximum Operating Temperature	1,300°F	1,300°F	700°F