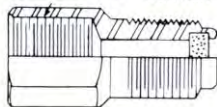


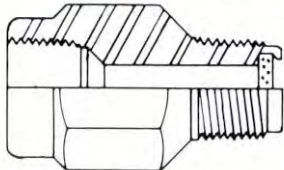
- 1/4" NPT • HEX. SIZE: 1/2" (5/8" FOR 12A)
• LENGTH: 1.1" (1 1/4" FOR 12A)



Cat. No.
12A
12B
12S

Housing Material
Aluminum (anodized)
Brass
Stainless Steel (303)

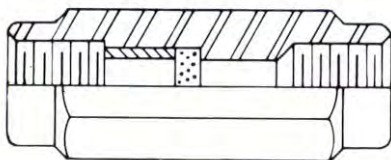
- 1/4" NPT • HEX. SIZE: 3/4" • LENGTH: 1 1/2"



Cat. No.
25B
25S
25M
25S6

Housing Material
Brass
Stainless Steel (303)
Monel
Stainless Steel (316)

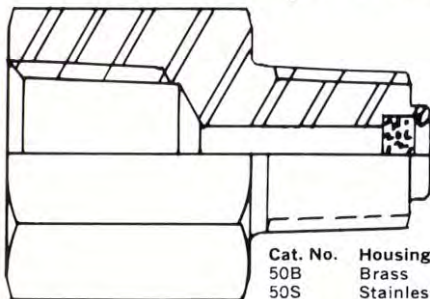
- 1/4" NPT • HEX. SIZE: 3/4" • LENGTH: 2"



Cat. No.
F25S
2M2S

Housing Material
Stainless Steel (303)—Female Coupling
Stainless Steel (304)—Male Nipple

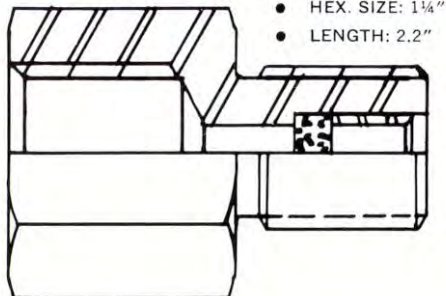
- 1/2" NPT • HEX. SIZE: 1 1/4" • LENGTH: 2.2"



Cat. No.
50B
50S
50M
50S6

Housing Material
Brass
Stainless Steel (303)
Monel
Stainless Steel (316)

1/2" 14 NPS for High Pressure Service



Cat. No.
50SS

Housing Material
Stainless Steel (303)

316 S.S. HEX COMPILES TO THE FOLLOWING SPECIFICATIONS
ASTM-A276, ASTM-A182 OR
QQ-S-763
MONEL HEX. COMPLIES TO
QQ-N-281 (FEDERAL)
SPECIFICATION



engineering data

STANDARD CHEMIQUIP INDUSTRIAL POROUS METAL PRESSURE SNUBBERS

RECOMMENDED POROSITIES:

Type of Service	Porosity Designation	Approx. Micron Rating
Highly Viscous Fluids (over 500 S.S.U.)	C	75
Oil (225 S.S.U. to 500 S.S.U.)	D	40-45
Water and Light Oils (30 to 225 S.S.U.)	E	10
Vapor and Low Viscosity Fluids (under 30 S.S.U.)	F	7
Air or other Gases	G	2-5
Pulsating Gas	HX	1
Extreme Gas Pulsation	HXX	1/2

Note: Intermediate Porosities Available on Special Order

Special discs to repel water are also available
and also smaller micron ratings.

MAXIMUM PRESSURE RATINGS (psi):

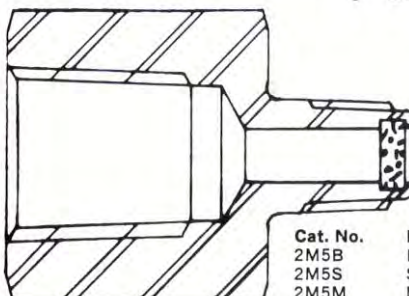
Catalog No.	12	25	50
Size (Ports)	1/8"NPTF	1/4"NPTF	1/2"NPTF
Brass	3,000	10,000	10,000
Stainless Steel	5,000	15,000	15,000
Monel	—	15,000	15,000
Aluminum	3,000	—	—
316 Stainless Steel	5,000	15,000	15,000

Effective Area .027 sq. in. .05 sq. in. .05 sq. in.

Add suffix to Catalog Number to indicate desired Porosity (e.g. 12AE)

STANDARD DIMENSIONS
Scale 1:1

- 1/2" 14 NPT Female x 1/4" NPT Male • HEX. SIZE: 1 1/4"
• LENGTH: 2.2"



Cat. No.
2M5B
2M5S
2M5M

Housing Material
Brass
Stainless Steel (303)
Monel

NOTE: CHEMIQUIP
SNUBBERS are available
in other shapes, sizes,
threads and materials on
special order. Prices
quoted on application.

FOREIGN THREADS
ISO Standard
British Pipe
Metric

CHEMIQUIP POROUS METAL SNUBBERS



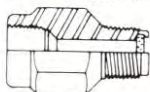
INDUSTRIAL TYPE

When ordering, please specify desired Porosity as shown under "Recommended Porosities"

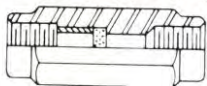
1/8" NPT Female x 1/8" NPT Male



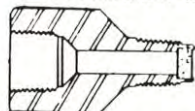
1/4" NPT Female x 1/4" NPT Male



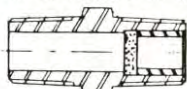
1/4" NPT Female x 1/4" NPT Female



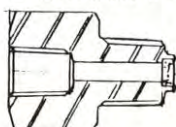
1/8" NPT Female x 1/4" NPT Male



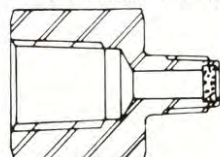
1/4" NPT Male x 1/4" NPT Male



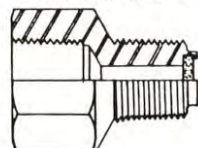
1/4" NPT Female x 1/2" NPT Male



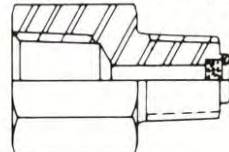
1/2" NPT Female x 1/4" NPT Male



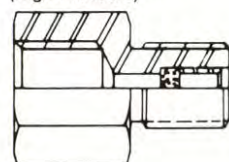
3/8" NPT Female x 3/8" NPT Male



1/2" NPT Female x 1/2" NPT Male



1/2" NPS Male & Female
(High Pressure)



Cat. No.	Description	Housing Material	Net Weight	Length
12A	1/8" NPT Male x 1/8" NPT Female	Aluminum	1/4 oz.	1.1"
12B	1/8" NPT Male x 1/8" NPT Female	Brass	1/2 oz.	1.1"
12S	1/8" NPT Male x 1/8" NPT Female	Stainless Steel (303)	1/2 oz.	1.1"
25B	1/4" NPT Male x 1/4" NPT Female	Brass	2 oz.	1.5"
25M	1/4" NPT Male x 1/4" NPT Female	Monel (CuNi)	2 oz.	1.5"
25S	1/4" NPT Male x 1/4" NPT Female	Stainless Steel (303)	2 oz.	1.5"
25S6	1/4" NPT Male x 1/4" NPT Female	316 Stainless Steel	2 oz.	1.5"
F25S	1/4" NPT Female x 1/4" NPT Female	Stainless Steel (303)	2 1/2 oz.	2"
IM2B	1/8" NPT Female x 1/4" NPT Male	Brass	2 oz.	1.6"
IM2S	1/8" NPT Female x 1/4" NPT Male	Stainless Steel	2 oz.	1.6"
2M2B	1/4" NPT Male x 1/4" NPT Male	Brass	2 oz.	1 1/2"
2M2S	1/4" NPT Male x 1/4" NPT Male	Stainless Steel	2 oz.	1 1/2"
5M2M	1/2" NPT Male x 1/4" NPT Female	Monel	8 oz.	2"
5M2S	1/2" NPT Male x 1/4" NPT Female	Stainless Steel	8 oz.	2"
5M2B	1/2" NPT Male x 1/4" NPT Female	Brass	8 oz.	2"
2M5B	1/4" NPT Male x 1/2" NPT Female	Brass	5 1/2 oz.	2.1"
2M5S	1/4" NPT Male x 1/2" NPT Female	Stainless Steel (303)	5 1/2 oz.	2.1"
2M5M	1/4" NPT Male x 1/2" NPT Female	Monel (CuNi)	5 1/2 oz.	2.1"
40B	3/8" NPT Male x 3/8" NPT Female	Brass	6 oz.	2"
40S	3/8" NPT Male x 3/8" NPT Female	Stainless Steel	6 oz.	2"
40M	3/8" NPT Male x 3/8" NPT Female	Monel	6 oz.	2"
50B	1/2" NPT Male x 1/2" NPT Female	Brass	8 oz.	2.2"
50M	1/2" NPT Male x 1/2" NPT Female	Monel (CuNi)	8 oz.	2.2"
50S	1/2" NPT Male x 1/2" NPT Female	Stainless Steel (303)	8 oz.	2.2"
50S6	1/2" NPT Male x 1/2" NPT Female	316 Stainless Steel	8 oz.	2.2"
50SS	1/2" NPS Male x 1/2" NPS Female	Stainless Steel (303)	9 oz.	2.2"

*Intermediate porosities are available on special order. Other fittings styles are available; prices on application.

CHEMIQUIP PRODUCTS CO., INC.

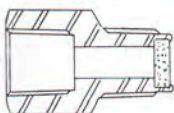
56 2nd Ave, Brooklyn, NY 11215

Tel. (201) 868-4445/6 Fax (201) 868-4447

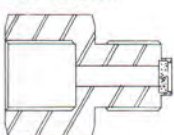


CHEMIQUIP FLARELESS (BITE-TYPE) AND GASKET SEAL TUBING SNUBBERS

BPST SNUBBER



BSPP SNUBBER



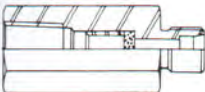
Cat. No. AC-1U



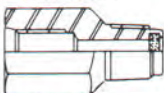
Cat. No. ACG-1U



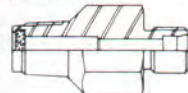
Cat. No. 25FS-1U



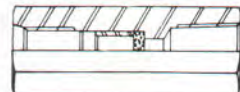
*Cat. No. 25MS-1K



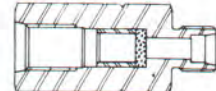
Cat. No. 25MS-1U



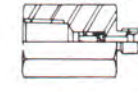
Cat. No. 25FS-1K



Cat. No. 150-KNC-1U



Cat. No. 50FS-1U



Cat. No. 50FS-1K



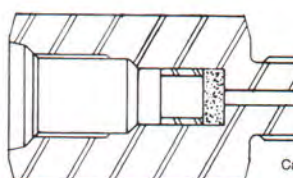
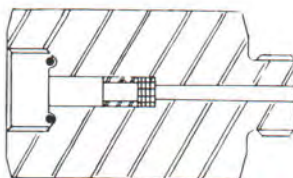
INDUSTRIAL TYPE - BRITISH PIPE THREADS

Cat No.	Description	Housing Material	Net Weight	Length
12S-BSPP 12B-BSPP	1/8" British Pipe Thread Parallel (Male x Female)	303 S.S. Brass	1 oz.	1 1/8"
12S-BSPT 12B-BSPT	1/8" British Pipe Thread Taper (Male x Female)	303 S.S. Brass	1 o z.	1 1/8"
25S-BSPP 25B-BSPP	1/4" British Pipe Thread Parallel (Male x Female)	303 S.S. Brass	1.5 oz.	1 3/8"
25S-BSPT 25B-BSPT	1/4" British Pipe Thread Taper (Male x Female)	303 S.S. Brass	1.5 oz.	1 3/8"
40S-BSPP 40B-BSPP	3/8" British Pipe Thread Parallel (Male x Female)	303 S.S. Brass	2 oz.	1 5/8"
40S-BSPT 40B-BSPT	3/8" British Pipe Thread Taper (Male x Female)	303 S.S. Brass	2 oz.	1 5/8"
50S-BSPP 50B-BSPP	1/2" British Pipe Thread Parallel (Male x Female)	303 S.S. Brass	5 oz.	2"
50S-BSPT 50B-BSPT	1/2" British Pipe Thread Taper (Male x Female)	303 S.S. Brass	5 oz.	2"

CHEMIQUIP FLARELESS (BITE-TYPE) AND GASKET SEAL TUBING SNUBBERS

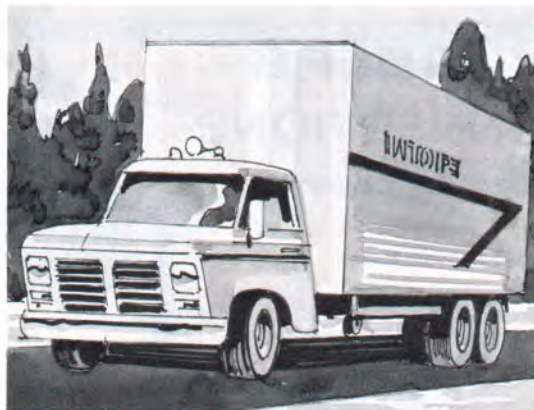
Cat No.	Description	Housing Material	Net Weight	Length
AC-1U	1/4" Flareless "Bite-Type" (7/16"-20 UNF-3A) Tubing, Both Ports, 1/2" Hex. Body	316 S.S.	2 oz.	1 1/16"
ACG-1U	1/4" Flareless "Bite-Type" (7/16"-20 UNF-3A) Tubing, Both Ports, 1 1/16" Hex. Body (O Ring Seal Available)	316 S.S.	2 oz.	1 1/16"
25FS-1U	1/4" NPT Female x 1/4" Flareless "Bite-Type" Tubing (7/16"-20 UN-2A)	316 S.S.	2 oz.	2"
25FS-1K	1/4" NPT Female x 1/4" Female Gasket Seal Tubing (7/16"-20 UN-2B)	316 S.S.	2 oz.	2"
25MS-1U	1/4" NPT Male x 1/4" Flareless "Bite-Type" Tubing (7/16"-20 UN-2A)	316 S.S.	2 oz.	1 3/4"
25MS-1K	1/4" NPT Female x 1/4" Flareless Gasket Seal Tubing (7/16"-20 UN-2B)	316 S.S.	2 oz.	1 9/16"
50MS-1K	1/2" NPT Male x 1/4" Flareless "Bite-Type" Tubing (7/16"-20 UNF-2A)	303 S.S.	9 oz.	2 1/16"
150KNC-1U	1/4" Female Gasket Seal Tubing (7/16"-20 UNF-2B) x 1/4" Flareless "Bite-Type" Tubing (7/16"-20 UN)	316 S.S.	3 oz.	2"
150KMN-1U	1/4" Female Gasket Seal Tubing (7/16"-20 UNF-2B) x 1/4" Flareless "Bite-Type" Tubing (7/16"-20 UN)	MONEL	3 oz.	2"
50FS-1U	1/2" NPT Female x 1/4" Flareless "Bite-Type" Tubing (7/16"-20 UNF-2A)	316 S.S.	9 oz.	2 1/4"
50FS-1K	1/2" NPT Female x 1/4" Female Gasket Seal Tubing (7/16"-20 UNF-2B)	316 S.S.	9 oz.	2 5/8"
175KNC-1U	3/8" Female Gasket Seal Tubing (9/16"-18 UNF) x 3/8" Tube (9/16"-18 UNF) Male (Conforms to Mil-D-2940A & Mil-S-2940B)	316 S.S. &	5 oz.	2"
175KMN-1U	3/8" Female Gasket Seal Tubing (9/16"-18 UNF) x 3/8" Tube (9/16"-18 UNF) Male (Conforms to Mil-D-2940A & Mil-S-2940B)	MONEL	5 oz.	2"

Cat. No. 175 KNC-1U (Mil-S-2940B)



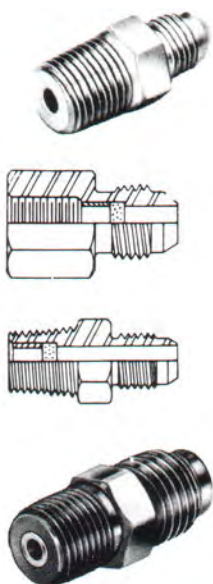
Cat. No. 175 KNC-1U (Mil-D-2940A)

REFRIGERATION, AUTOMOTIVE AND OTHER APPLICATIONS



REFRIGERATION AND AUTOMOTIVE TYPE WITH TAPERED PIPE AND FLARE TUBING CONNECTIONS, Conforms with JIC Standards

When ordering, please specify desired Porosity as shown under "Recommended Porosities"



Description of Fitting	HOUSING MATERIAL			
	Cadmium-Plated Steel		Stainless Steel	
	Cat. No.	Weight	Cat. No.	Weight
1/8" NPT Female x 1/4" Flare	12-FR-4	1 oz.	12-FRS-4	1 oz.
1/8" NPT Female x 5/16" Flare	12-FR-5	1 oz.	12-FRS-5	1 oz.
1/4" NPT Female x 1/4" Flare	25-FR-4	1 oz.	25-FRS-4	1 oz.
1/4" NPT Female x 5/16" Flare	25-FR-5	1 oz.	25-FRS-5	1 oz.
1/4" NPT Female x 3/8" Flare	25-FR-6	1 oz.	25-FRS-6	1 oz.
1/2" NPT Male x 1/4" Flare	50-MR-4	3 oz.	50-MRS-4	3 oz.
1/8" NPT Male x 5/16" Flare	12-MR-5	2 oz.	12-MRS-5	2 oz.
1/2" NPT Male x 5/16" Flare	50-MR-5	3 oz.	50-MRS-5	3 oz.
1/4" NPT Male x 5/16" Flare	25-MR-5	2 oz.	25-MRS-5	2 oz.
1/2" NPT Male x 3/8" Flare	50-MR-6	3 oz.	50-MRS-6	3 oz.

*Intermediate Porosities are available on special order. Other styles of fittings available; prices on application.



TYPE A
Flared Tube Union



TYPE T
Flared Tube Tee



TYPE B
Flared Tube and Pipe Thread Nipple



TYPE L
Flared Tube Elbow



TYPE AH
Flared Tube Bulkhead Union



TYPE AR
Flared Tube Reducer

CHEMIQUIP PRESSURE SNUBBERS WITH TUBING CONNECTIONS

for Refrigeration, Automotive, and Other Applications

ENGINEERING DATA:

RECOMMENDED POROSITIES

Type of Service	Porosity Designation	Micron Rating
Highly Viscous Fluids (over 500 S.S.U.)	.C	.75
Oils (225 to 500 S.S.U.)	.D	.40-.45
Water and Light Oils (30 to 225 S.S.U.)	.E	.10
Vapor and Low Viscosity Fluids (under 30 S.S.U.)	.F	.7
Air or other Gases	.G	.2-5
Pulsating Gas	.HX	.1
Extreme Gas Pulsation	.HXX	.1/2

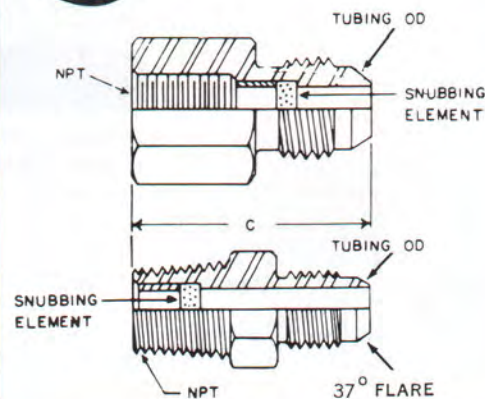
Note: Other porosities available on special order.

STANDARD MATERIALS OF CONSTRUCTION:

Housing: Cadmium-plated Carbon Steel; Stainless Steel (300 Series)

Porous Disc: Stainless Steel Type 316

DIMENSIONS:



Add suffix to Catalog Number to indicate desired Porosity (e.g. 12-FR-4C)

Catalog No.	Tubing (O.D.)	Pipe npt	Overall Length (C)
12-FR-4	1/4"	1/8" Female	1 3/8"
12-FR-5	3/8"	1/8" Female	1 3/8"
25-FR-4	1/4"	1/4" Female	1 3/4"
25-FR-5	3/8"	1/4" Female	1 3/4"
25-FR-6	3/8"	1/4" Female	1 3/4"
12-MR-4	1/4"	1/8" Male	1 3/8"
12-MR-5	3/8"	1/8" Male	1 3/8"
25-MR-4	1/4"	1/4" Male	1 3/4"
25-MR-5	3/8"	1/4" Male	1 3/4"
25-MR-6	3/8"	1/4" Male	1 3/4"

CHEMIQUIP PRODUCTS CO., INC.

56 2nd Ave, Brooklyn, MI 11215

Tel. (201) 868-4445

Fax (201) 868-4447



Chemiquip Catalog — SUPER-HIGH-PRESSURE TYPE

When ordering, please specify both desired Housing AND Snubbing Element Catalog numbers from charts

HOUSING CATALOG NUMBERS (30,000 psi)

Catalog Number	Tubing Connection (AMINCO) "A"	Pipe Connection "B"	Housing	Net Weight	Length
30-31-HF-4B-GS	1/4"	1/4" NPT	Type 316 Stainless Steel	1 1/2 lbs.	4 3/16"
30-31-HF-4-GS	1/4"	1/4" TUBE AMINCO			4 3/16"
30-31-HF-6B-GS	3/8"	1/4" NPT			4 3/16"
30-31-HF-6-GS	3/8"	3/8" TUBE AMINCO			4 3/16"
30-31-HF-4D-GS	1/4"	1/2" NPT			4 9/16"
30-31-HF-6D-GS	3/8"	1/2" NPT			4 9/16"
30-31-HF-4J-GS	1/4"	1/2" NPS			4 9/16"
30-31-HF-6J-GS	3/8"	1/2" NPS			4 9/16"
HP-50	Snubber Element Only (Specify Porosity when Ordering)		Type 303 Stainless Steel	3 oz.	1 1/4"

ALL Chemiquip Snubbers are delivered with NPT Male threads pre-wrapped with TEPTape™, thread sealant.

HOUSING CATALOG NUMBERS (60,000 psi)

Catalog Number	Tubing Connection (AMINCO) "A"	Pipe Connection "B"	Housing	Net Weight	Length
60-31-HF-4B-GS	1/4"	1/4" NPT	Type 316 Stainless Steel	3 1/4 lbs.	5 1/2"
60-31-HF-4-GS	1/4"	1/4" TUBE AMINCO			5 1/2"
60-31-HF-6B-GS	3/8"	1/4" NPT			5 1/2"
60-31-HF-6-GS	3/8"	3/8" TUBE AMINCO			5 1/2"
60-31-HF-4D-GS	1/4"	1/2" NPT			6"
60-31-HF-6D-GS	3/8"	1/2" NPT			6"
60-31-HF-4J-GS	1/4"	1/2" NPS			6 1/2"
60-31-HF-6J-GS	3/8"	1/2" NPS			6 1/2"
HP-50	Snubber Element Only (Specify Porosity when Ordering)		Type 303 Stainless Steel	3 oz.	1 1/4"

ALL Chemiquip Snubbers are delivered with NPT Male threads pre-wrapped with TEPTape™, thread sealant.

EXCESS FLOW CHECK SNUBBER

- prevents the escape of noxious, toxic or flammable liquids or gases in the event of instrument rupture
- completely isolates instrument from pressure actuating medium
- maximum working pressure—30,000 psi
- prevents transmission of surges or pulsations
- is designed not to plug, clog or fail
- has just one moving part which moves only a fraction of an inch, resulting in virtually no mechanical wear.

Cat. No.	Maximum Operating Pressure (psi)	Connection C	Housing	Net Weight	Length
5-RMB	5,000	1/4" npt male	Type 316 Stainless Steel	1 1/2 lbs.	6"
15-RMB	15,000	1/4" npt male			6"
15-RMC	15,000	3/8" npt male			6"
15-RMD	15,000	1/2" npt male			6"
30-RHM 4	30,000	1/4" male high pressure tubing			6"
30-RHM 6	30,000	3/8" male high pressure tubing			6"
15-RAF 1	15,000	1/8" female taper seal tubing			6"
15-RAF 2	15,000	1/8" female taper seal tubing			6"
30-RHF 2	30,000	1/4" female high pressure tubing			6"
30-RHF 4	30,000	1/4" female high pressure tubing			6"
30-RHF 6	30,000	3/8" female high pressure tubing			6"
30-RHF 9	30,000	3/8" female high pressure tubing			6"
25PE	1/4" NPT Male Porosity E Snubber Element (for use with Excess Flow Check)		Stainless Steel	1 oz.	1 1/4"
RB-2	1/4" NPT x 1/2" NPT Reducing Bushing (for use with instruments having 1/4" NPT Male connection)		Stainless Steel	3 oz.	1"

