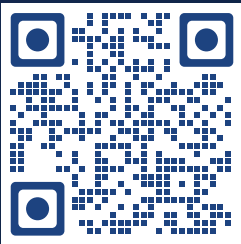




CGA LIN LOX LAR Transfer Connections Catalog



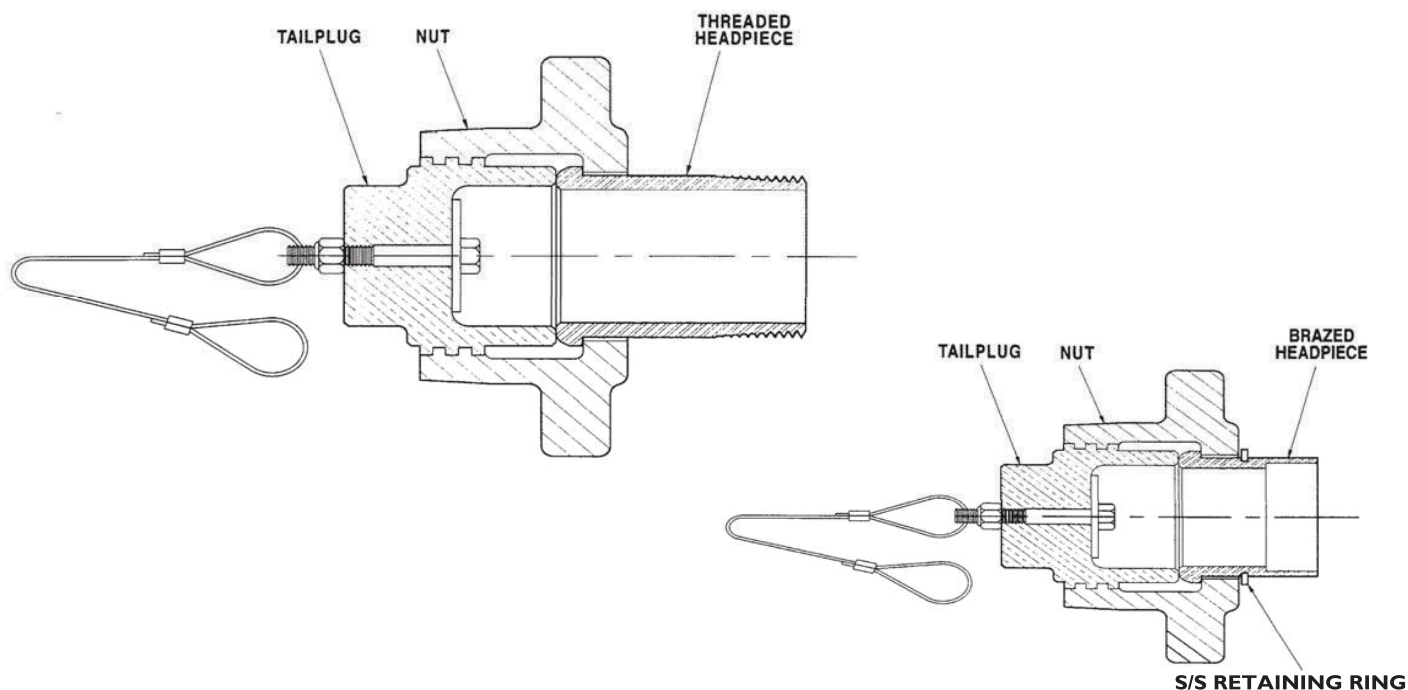
For more information on
Acme scan the QR Code
above

CGA Fittings Index

- Designed for safe and reliable cryogenic liquid transfer
- Fully compliant with CGA V6
- Easier and quicker for operators and drivers to connect and disconnect
- Worlds largest inventory of CGA Liquid Transfer

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Brazed And Threaded Hose End Assembly

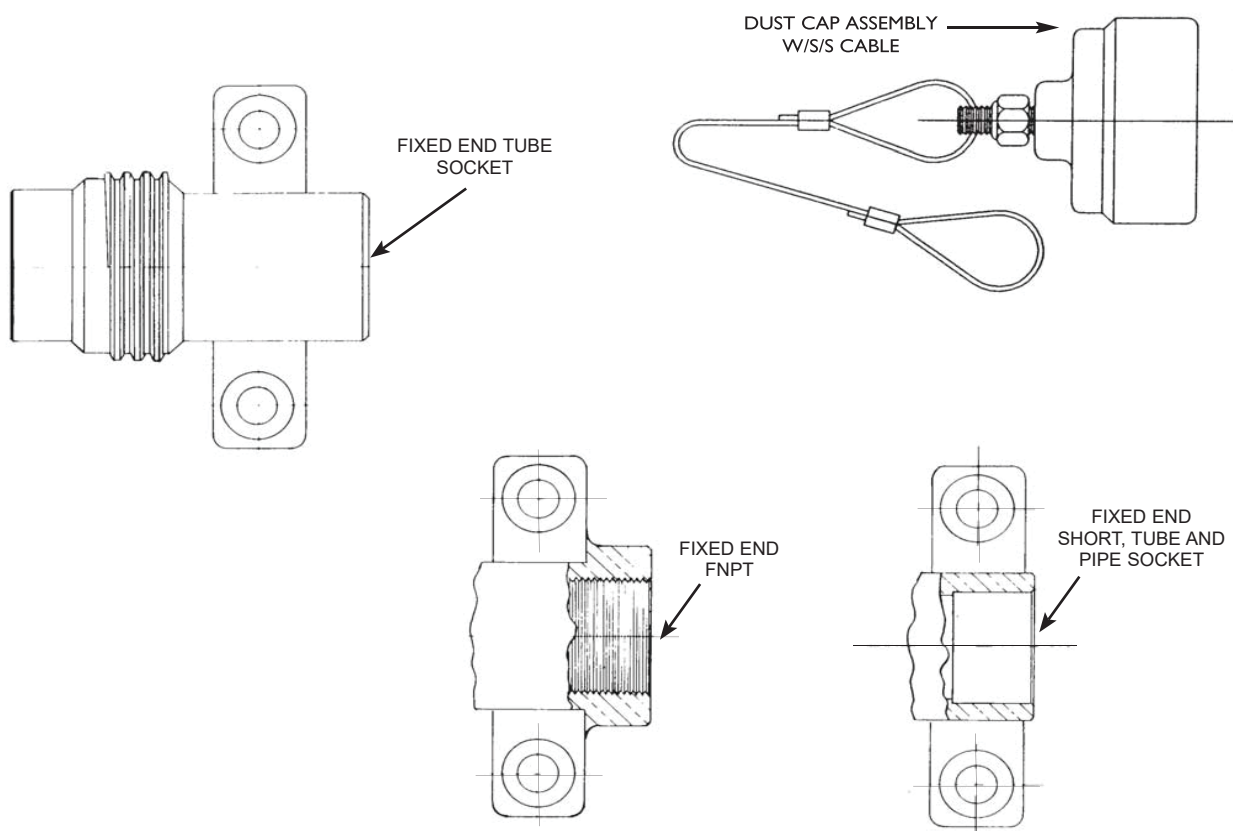


Ordering Information

Acme Part No.	Liquid Service	Fitting Size	Hose Size	Hose End Type	CGA Designation
590-003-15	Nitrogen	1½"	1½"	Threaded	NI-150
590-007-25	Nitrogen	2½"	2½"		NI-250
590-035-25		2½"	2"		NI-250
580-007-15	Argon	1½"	1½"		AR-150
580-003-25	Argon	2½"	2½"		AR-250
580-045-25	Argon	2½"	2"		AR-250
540-002-15	Oxygen	1½"	1½"		OX-150
540-017-20		2"	2"		OX-200
540-009-30		3"	3"		OX-300
540-035-30			2"		OX-300
540-057-30			2½"		OX-300
590-028-15	Nitrogen	1½"	1½"	Brazed	NI-150
590-034-25		2½"	2½"		NI-250
590-036-25			2"		NI-250
580-042-15	Argon	1½"	1½"		AR-150
580-044-25		2½"	2½"		AR-250
580-046-25			2"		AR-250
540-015-15	Oxygen	1½"	1½"		OX-150
540-029-20		2"	2"		OX-200
540-031-30		3"	3"		OX-300
540-052-30			2"		OX-300

NOTE: All assembly numbers are for bronze nuts and naval brass headpieces. For stainless steel, order as individual items.

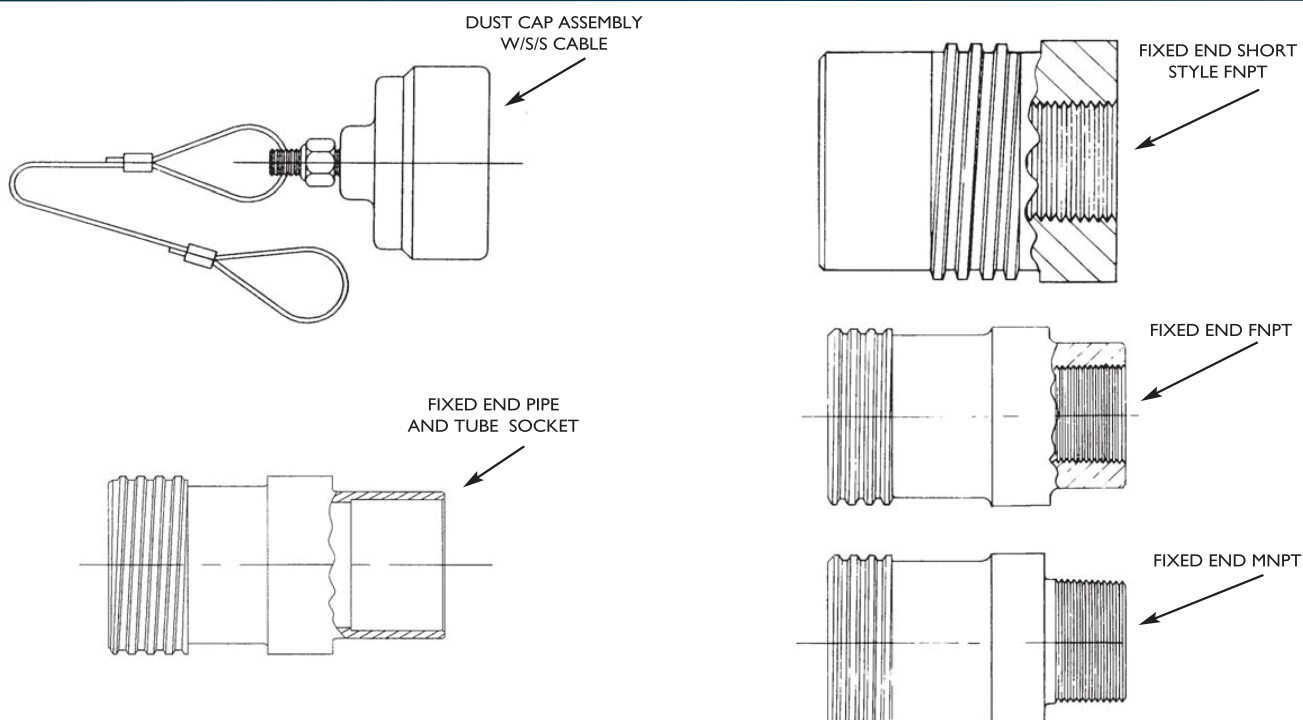
Fixed End Assembly - Cast Type



Ordering Information

Acme Part No.	Liquid Service	Fitting Size	End Connections	CGA Connections
590-015-15	Nitrogen	1½"	1½" FNPT	NI-150
590-016-15		1½" Short	1½" Tube Socket	
590-020-15		1½"	1½" Pipe Socket	
590-042-15		2½"	2" Tube Socket	
590-040-25				
580-029-15	Argon	1½"	1½" FNPT	AR-150
580-031-15		1½" Short	1½" Tube Socket	
580-040-15		1½"	1½" Pipe Socket	
580-047-15		2½"	2" Tube Socket	
580-020-25				AR-250
540-018-15	Oxygen	1½"	1½" Tube Socket	OX-150
540-049-15		1½" Short	1½" Tube Socket	
540-050-15		1½"	1½" Pipe Socket	
540-077-15		2"	2" Tube Socket	
540-016-20		2" Short		OX-200
540-051-20				

Fixed End Assembly - Machine Type



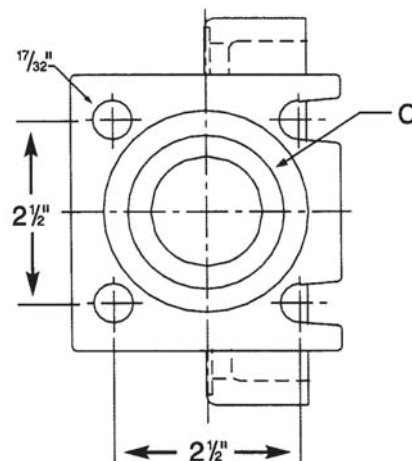
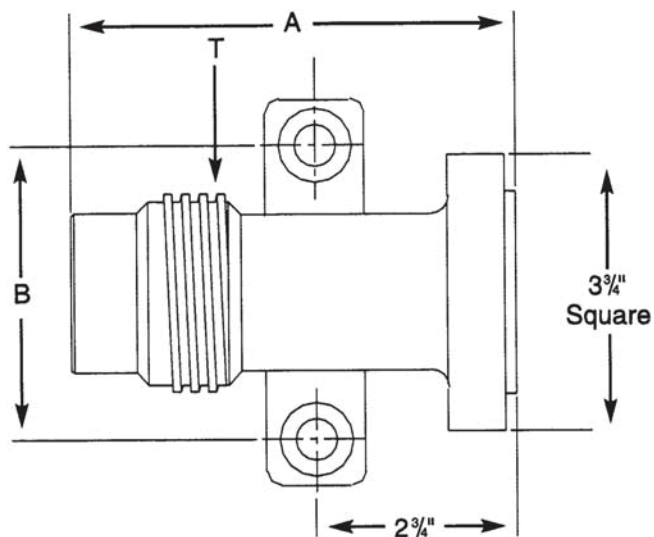
Ordering Information *

Acme Part No.	Liquid Service	Fitting Size	End Connections	CGA Designation
590-012-15	Nitrogen	1½"	1½" FNPT	NI-ISO
590-013-15			1½" MNPT	
590-027-15			1½" Tube Socket	
590-012-15			1½" FNPT	
590-017-25		2½"	2½" FNPT	NI-250
590-019-25			2" FNPT Short Style	
590-033-25			2½" Tube Socket	
590-048-25			2½" Pipe Socket	
580-012-15	Argon	1½"	1½" FNPT	AR-ISO
580-013-15			1½" MNPT	
580-019-15			1¼" MNPT	
580-027-15			1½" Pipe Socket	
580-028-15			1" Pipe Socket	
580-041-15			1½" Tube Socket	
580-051-15			1½" FNPT	
580-038-25		2½"	2½" FNPT	AR-250
580-039-25			2" FNPT Short Style	
580-043-25			2½" Tube Socket	
580-048-25			2½" Pipe Socket	
540-014-15	Oxygen	1½"	1½" Tube Socket	OX-ISO
540-045-15			1½" MNPT	
540-046-15			1½" FNPT	
540-019-20		2"	2" Tube Socket	OX-200
540-047-20			2" FNPT	
540-030-30		3"	3" Tube Socket	OX-300
540-048-30			3" FNPT	
540-085-30			2½" Pipe Socket	

NOTE: All assembly numbers are for naval brass fixed ends. For stainless steel, order as individual items.

*Orifice available

Integral Flange Cast Fixed End Assembly

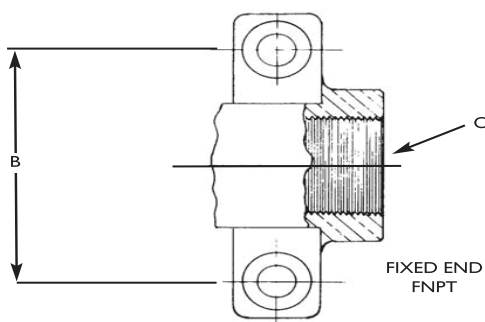
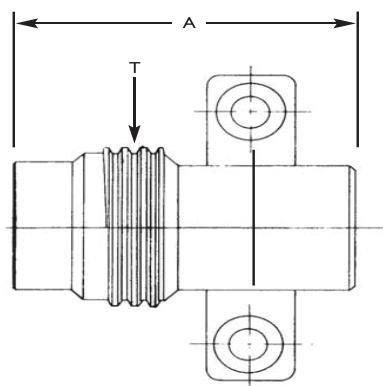


Ordering Information

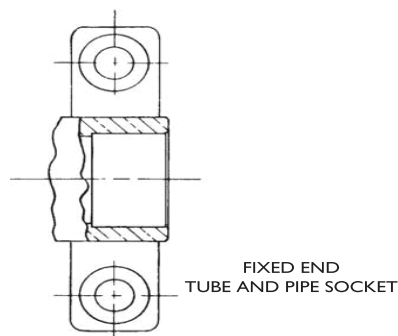
Acme Part No.	Liquid Service	Size	CGA Designation	"T" Thread Size	A		B		C End Connections
					Inches	MM	Inches	MM	
590-123-15	Nitrogen	1 1/2"	NI-150	2.4-4 Stub Acme	6.125	155.6	4.000	101.6	4 bolt fig w/tongue
580-123-15	Argon		AR-150	2.7-4 Stub Acme					
540-123-15	Oxygen		OX-150	2.5-4 Stub Acme					

-124- adds dustcap, hardware, etc.... Makes it an assembly.

Integral Flange Cast Fixed End Assembly



Precision machined to Compressed Gas Association standards. Material red brass casting ASTM-B62.



Ordering Information

Acme Part No.	Liquid Service	Size	CGA Designation	T Thread Size	A		B		C	
					Inches	mm	Inches	mm	End Connections	
590-021-15	Nitrogen	1½"	NI-150	2.4-4 Stub Acme	4.875	123.8	4	101.6	1½" Tube Socket	
590-037-15									1½" FNPT	
590-038-15					4.125	104.8			1½" Tube Socket	
590-041-15									1½" Pipe Socket	
590-022-25		2½"		3.5-4 Acme	5.062	128.6			2" Tube Socket	
580-021-15	Argon	1½"	AR-150	2.7-4 Stub Acme	4.875	123.8			1½" Tube Socket	
580-034-15					4.093	104			1½" Tube Socket	
580-035-15					4.875	123.8			1½" FNPT	
580-076-15									1½" Pipe Socket	
580-022-25		2½"		3.813-4 Acme	5.062	128.6			2" Tube Socket	
540-020-15	Oxygen	1½"	OX-150	2.5-4 Acme	4.375	111.1			1½" Tube Socket	
540-036-15									1½" FNPT	
540-038-15					3.625	92.1			1½" Tube Socket	
540-076-15					4.375	111.1			1½" Pipe Socket	
540-021-20		2"		3-4 Acme	4.875	123.8			2"T ube Socket	
540-028-20					3.625	92.1			2" Tube Socket	

** Orifice fittings available, can be drilled to any size.

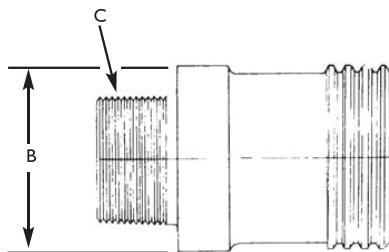
Fixed End Machined With Milled Flats To Accept Fixed End Clamps

Precision machined to Compressed Gas Association standards.

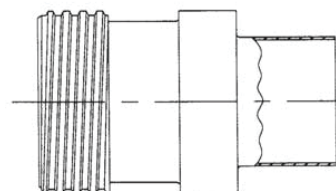
Material naval brass per ASTM-B-21

Material 304 SS ASTM-A276

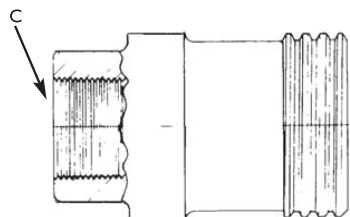
Material 316 SS ASTM-A276



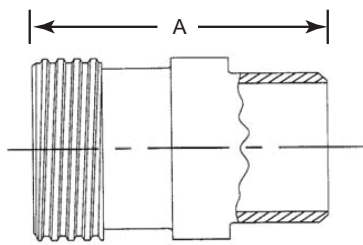
FIXED END MNPT



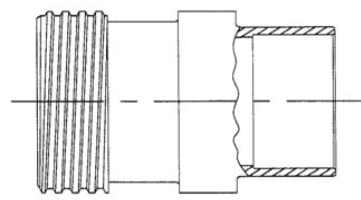
O.D. TUBE BWE



FIXED END FNPT



FIXED END SCH 10 BWE



FIXED END TUBE AND PIPE SOCKET

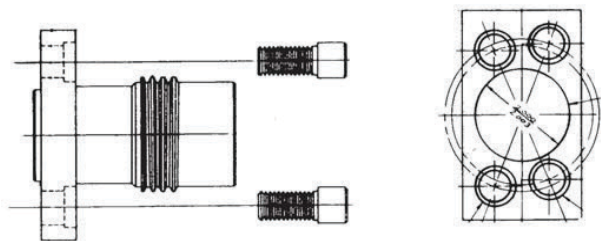
Ordering Information

Acme Part No.	Liquid Service	Size	CGA Connections	Material	A		B	C
					Inches	mm	Inches	End Connections
590-014-15	Nitrogen	1½"	NI-150	Naval Brass	4.250	2.750	2.750	1½" MNPT
590-023-15								1½" Tube Socket
590-039-15								1½" FNPT
590-094-15								1½" Pipe Socket
590-060-15				1½" Tube Socket				
590-061-15				1½" Pipe Socket				
590-062-15				1½" FNPT				
590-063-15				1½" MNPT				
590-064-15				1½" Sch 10 BWE				
590-065-15				¼" FNPT				
590-067-15								
590-068-15								
590-069-15								
590-070-15				2" MNPT				
590-058-15								1½" Pipe Socket
590-071-15								1½" O.D. Tube BWE
590-072-15								1½" Tube Socket
590-073-15				1½" FNPT				
590-074-15				1½" MNPT				
590-079-15				1½" Sch 10 BWE				
590-090-15				1½" O.D. Tube BWE				
ASK-40-0014				2" O.D. Tube BWE				
590-024-25		2" FNPT-Short						
590-029-25		2½" Tube Socket						
590-043-25		2½" FNPT						
590-044-25		3" Sch 10 BWE						
590-051-25		2½" Tube Socket						
		2½" Sch 10 BWE						

Fixed end clamps on page 15

Acme Part No	Liquid Service	Size	CGA Connections	Material	A	B	C
					Inches	Inches	End Connections
590-053-25	Nitrogen	2½"	NI-250	Naval Brass	3.125	3.750	2½" FNPT Short
590-057-25							2½" Pipe Socket
590-075-25				316L S/S	4.625		2" FNPT
590-076-25				Naval Brass			3" FNPT
590-077-25				304 S/S	3.125		2½" Pipe Socket
590-078-25					4.625		3" FNPT
590-083-25							¼" FNPT
590-084-25					3.250		2" MNPT
590-085-25				316L S/S	4.625		1" Pipe Socket
590-086-25				304 S/S			1½" Pipe Socket
580-014-15	Argon	1½"	AR-150	Naval Brass	4.250	2.750	1" Pipe Socket
580-015-15							1½" Pipe Socket
580-016-15							1½" MNPT
580-017-15							1¼" MNPT
580-023-15							1½" Tube Socket
580-033-15							1½" FNPT
580-060-15							1½" Tube Socket
580-061-15							1½" Pipe Socket
580-062-15							1½" FNPT
580-063-15							1½" MNPT
580-064-15				1½" Sch 10BWE			
580-065-15				304 S/S	3.250		¼" FNPT
580-067-15							
580-068-15							
580-070-15							
580-071-15				304 S/S	4.250		1½" Tube Socket
580-072-15							1½" Pipe Socket
580-073-15							1½" FNPT
580-074-15							1½" MNPT
580-078-15				316L S/S	4.250		1½" Sch 10 BWE
580-079-15							1½" O.D. Tube BWE
580-090-15							2" O.D. Tube BWE
ASK-40-0015							2" FNPT Short
580-024-25		2½" Tube Socket					
580-036-25		2½"	AR-250	Naval Brass	4.687	3.837	2½" FNPT
580-052-25							3" FNPT
580-057-25				304 S/S	3.188		3" Sch 10 BWE
580-069-25				Naval Brass	4.687		2½" FNPT Short
580-075-25				304 S/S	4.687		2½" Pipe Socket
580-080-25				316L S/S	4.687		3" FNPT
580-081-25				304 S/S	4.687		3" FNPT
580-082-25					3.312		2½" Sch 10 BWE
580-085-25					4.250		¼" FNPT
540-023-15	Oxygen			1½"	OX-150		Naval Brass
540-037-15		4.125	1½" FNPT				
540-041-15		4.250	1½" MNPT				
540-060-15		316L S/S	4.125			1½" Tube Socket	
540-061-15			1½" Pipe Socket				
540-062-15			1½" FNPT				
540-063-15			1½" MNPT				
540-064-15		4.125	1½" Sch 10 BWE				
540-065-15		304 S/S	3.125			¼" FNPT	
540-067-15		316L S/S	4.125			1½" Tube Socket	
540-068-15		Naval Brass	4.125			1½" Pipe Socket	
540-070-15		304 S/S	4.125			1½" FNPT	
540-071-15			4.250			1½" MNPT	
540-072-15			4.125			1½" Sch 10 BWE	
540-073-15			4.750			1½" O.D. Tube BWE	
540-074-15		316L S/S	4.250			2" O.D. Tube BWE	
540-078-15			4.250			1½" Pipe Socket	
540-079-15		Naval Brass	4.250			3.250	2" Tube Socket
540-090-15				2" FNPT			
540-094-15		2"	OX-200	304 S/S	4.500		2" Sch 10 BWE
540-022-20					3" Tube Socket		
540-039-20			OX-300	Naval Brass	3000	4.250	3" FNPT
540-075-20							2" Pipe Socket
540-024-30				304 S/S	4.500		3" FNPT Short
540-040-30							2½" Pipe Socket
540-058-30				Naval Brass	4.500		3" Sch 10 BWE
540-069-30							3" MNPT
540-080-30				304 S/S	4.500		3" Pipe Socket
540-082-30							2½" FNPT
540-089-30				Naval Brass	4.500		
540-091-30							
540-092-30							

Fixed End Assembly Brazed Block

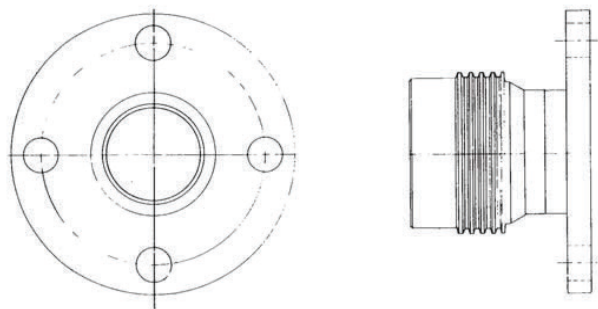


Ordering Information

Acme Part No.	Liquid Service	Size	CGA Connections
ASK-40-0434	Nitrogen	1½"	NI-150
ASK-40-0454	Argon		AR-150
ASK-40-0416	Oxygen		OX-150

Fixed End Assembly Rail Car

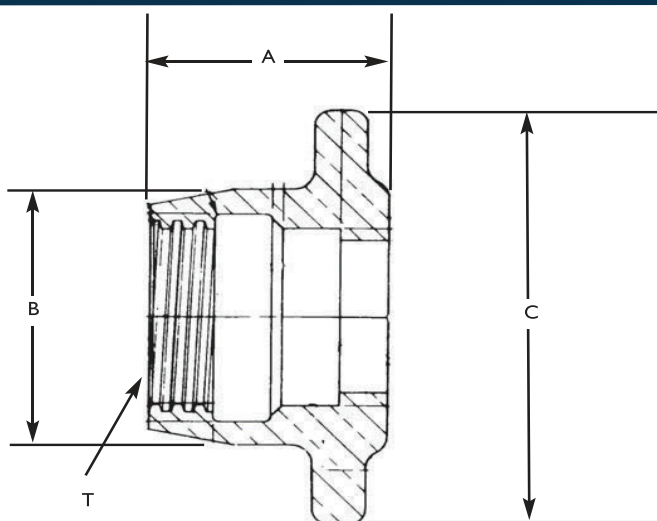
Fixed end naval brass ASTM B21
Flange naval brass or 304 stainless steel



Ordering Information

Acme Part No.	Liquid Service	Size	CGA Connection	Flange Material
ASK-40-0440	Nitrogen	2½"	NI-250	Naval Brass
ASK-40-0441	Argon		AR-250	
ASK-40-0455	Oxygen	2"	OX-200	
ASK-40-0442	Oxygen	3"	OX-300	

Hose Nut

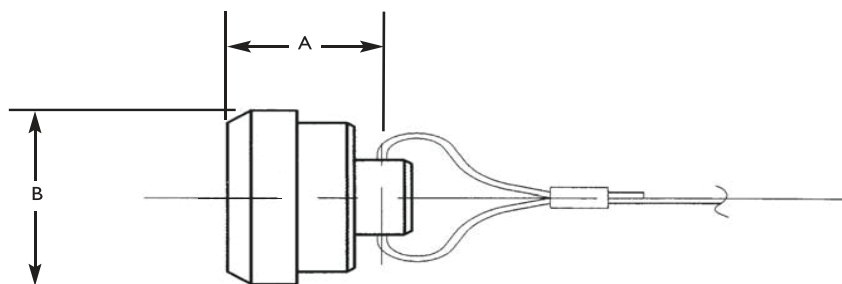


Cast Bronze per ASME SB 505.
316L S/S PER ASTM
A 351, CF3M. Precision machined
to conform to Compressed
Gas Association standards for
Cryogenic Liquid Transfer connections.

Ordering Information

Acme Part No.	Liquid Service	Size	CGA Connection	Material	A Inches	B Inches	C Inches
590-000-15	Nitrogen	1½"	NI-150	Bronze	2.812	3.250	5.250
590-055-15				316L SS			
590-002-25		2½"	NI-250	Bronze	2.937	4.375	6.250
590-108-25				316L SS		4.500	6.875
580-002-15	Argon	1½"	AR-150	Bronze	2.812	3.500	5.250
580-055-15				316L SS			
580-000-25		2½"	AR-250	Bronze	2.937	4.625	5.250
580-108-25				316L SS			
540-000-15	Oxygen	1½"	OX-150	Bronze	2.125	3.250	5.000
540-055-15				316L SS			
540-010-20		2"	OX-200	Bronze	2.062	3.500	6.000
540-005-30				Bronze			
540-108-30		3"	OX-300	316L SS	2.437		

Head Plug Assembly



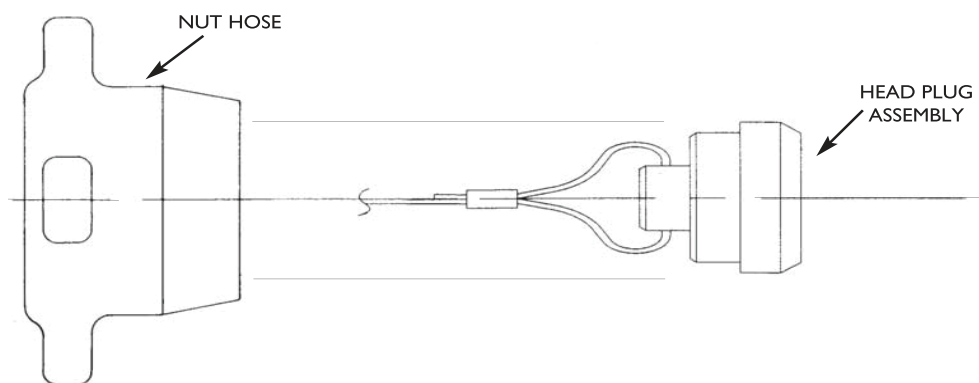
Plug material naval brass per ASTM B-21
Cable material 316L stainless steel
with ⅛" SS aircraft cable.

Ordering Information

Acme Part No.	Size	Inches	MM	Inches	MM	Material
ASK-40-0021	1½"	1.312	33.4	2.312	58.7	Naval Brass
ASK-40-0024	2"			2.687	68.2	
ASK-40-0022	2½"	1.75	44.5	3.187	80.9	
ASK-40-0023	3"			3.937	100	
ASK-40-0021S	1½"	1.312	33.4	2.312	58.7	316L SS

Some sizes available in SS

Pressure Cap Assembly



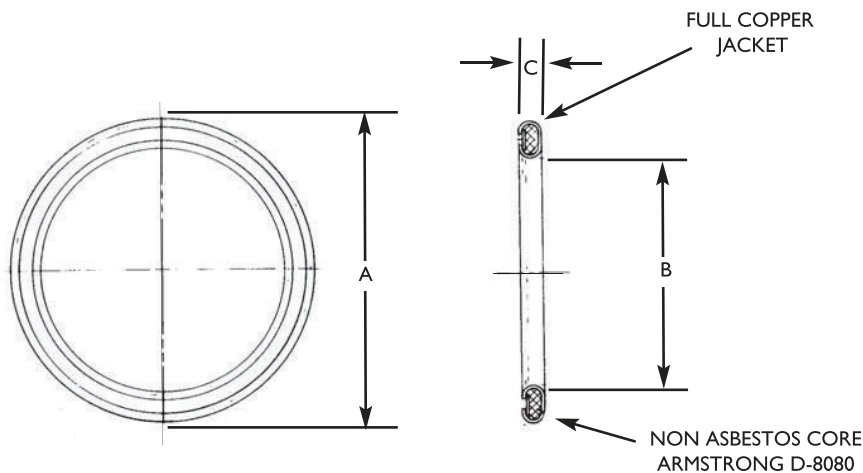
Ordering Information

Acme Part No.	Liquid Service	Size	CGA Designation
590-030-15	Nitrogen	1½"	NI-150
590-032-25		2½"	NI-250
580-030-15	Argon	1½"	AR-150
580-032-25		2½"	AR-250
540-032-15	Oxygen	1½"	OX-150
540-033-20		2"	OX-200
540-034-30		3"	OX-300

NOTE: All pressure cap assembly numbers are bronze nuts.

Copper Clad Gasket (Double Jacket) Or Virgin Teflon®

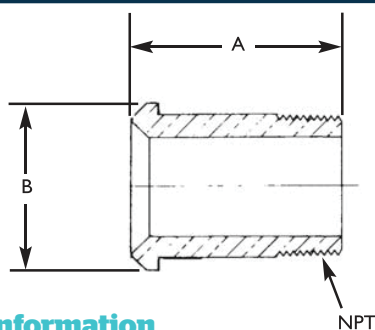
Oxygen clean and certified.
25 Copper gaskets per package
100 Teflon gaskets per package



Ordering Information

Acme Part No.	Size	A		B		C		Material
		Inches	MM	Inches	MM	Inches	MM	
ASK-40-0045	1½"	1.940	49.3	1.50	38.1	0.090	2.290	Copper
ASK-40-0047	2½"	3.000	76.2	2.50	63.5			
ASK-40-0048	3"	3.690	93.7	3.00	76.2			
ASK-40-0016	1½"	1.940	49.3	1.50	38.1			Teflon
ASK-40-0017	2"	2.440	62	2.00	50.8			
ASK-40-0018	2½"	3.000	76.2	2.50	63.5			
ASK-40-0019	3"	3.687	93.6	3.00	76.2			

Head Piece Threaded

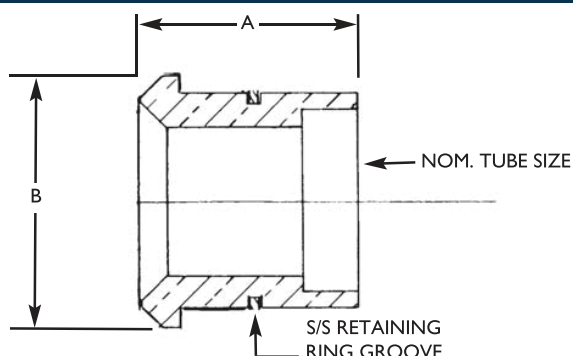


Precision machined to Compressed Gas Association standards. Material naval brass per ASTM-B-21
Material 304 S/S ASTM-A276
Material 316L S/S ASTM-A276

Ordering Information

Acme Part No.	Liquid Service	Size	NPT	Material	A Inches	B Inches
ASK-40-0003	LIN, LOX, LAR	1½"	1½"-11½"	Naval Brass	2.750	2.187
ASK-40-0130					3.250	
ASK-40-0082	Argon, Nitrogen	2½"		316L SS	4.750	3.180
ASK-40-0080	O2	3"				3.937
ASK-40-0084	LIN, LOX, LAR	1½"	2"-11½"	304 SS	2.750	2.187
ASK-40-0118				Naval Brass	3.000	2.687
ASK-40-0020	O2	2"			4.000	3.180
ASK-40-0050	Argon, Nitrogen	2½"		304 SS	3.750	3.937
ASK-40-0051	O2	3"			3.000	2.687
ASK-40-0127	O2	2"		Naval Brass	4.000	3.180
ASK-40-0125	Argon, Nitrogen	2½"			3.750	3.937
ASK-40-0126	O2	3"	2½"-8	Naval Brass	3.625	3.180
ASK-40-0004	Argon, Nitrogen	2½"			4.000	3.937
ASK-40-0097	O2	3"		304 SS	3.625	3.180
ASK-40-0129	Argon, Nitrogen	2½"			4.000	3.937
ASK-40-0131	O2	3"	3"-8	Naval Brass	3.625	3.937
ASK-40-0006						
ASK-40-0128						

Head Piece Braze End And Schedule 10 BWE (Not Pictured)



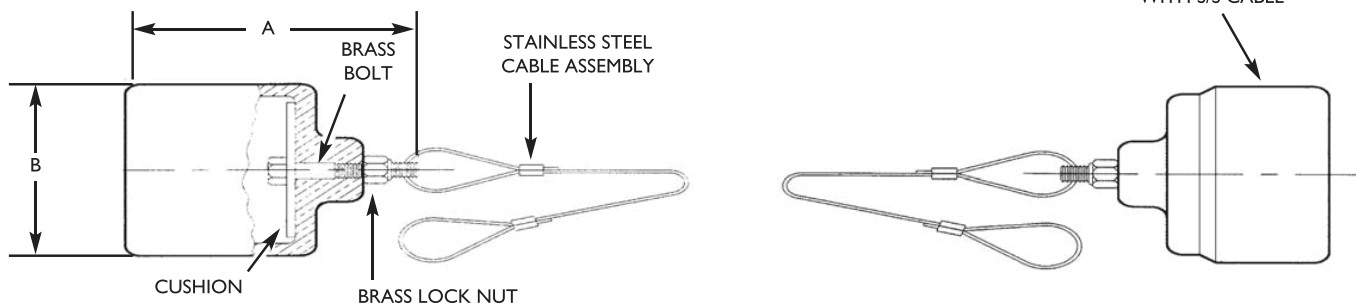
Precision machined to Compressed Gas Association standards. Material naval brass per ASTM-B-21
Material 304 S/S ASTM-A276
Material 316L S/S ASTM-A276

Ordering Information

Acme Part No.	Liquid Service	Size	Tube or Size	Material	A Inches	B Inches
ASK-40-0049	LIN, LOX, LAR	1½"	1½" Tube Mate	Naval Brass	2.750	2.187
ASK-40-0052			1½" Tube Socket		1.687	
ASK-40-0116			1½" Pipe BWE	316L SS	4.000	
ASK-40-0135			1½" O.D. Tube BWE		4.250	
ASK-40-0117			1¼" Pipe Socket	304 SS	1.687	
ASK-40-0119			1½" Pipe BWE		2.750	
ASK-40-0053	O2	2"	2" Tube Socket	Naval Brass	1.937	2.687
ASK-40-0054	Argon, Nitrogen	2½"	2" Tube Socket		2.937	3.180
ASK-40-0033	O2	3"	2" Tube Socket		2.687	3.937
ASK-40-0034	Argon, Nitrogen	2½"	2½" Tube Socket		2.062	3.180
ASK-40-0120			2½" Pipe BWE	304 SS	3.625	
ASK-40-0032	O2	3"	3" Tube Socket	Naval Brass	2.000	3.937
ASK-40-0121			3" Tube BWE	304 SS	3.625	

Dust Cap Assembly

Cap material cast aluminum, black anodized.
Tenzalloy ASTM-B179
Alum. #713.1



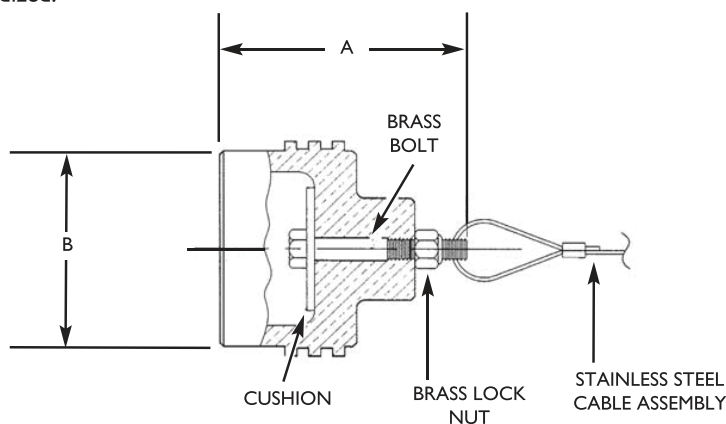
Ordering Information

Acme Part No.	Liquid Service	Size	CGA Designation	Thread Size	A		B	
					Inches	MM	Inches	MM
590-004-15	Nitrogen	1½"	NI-150	2.4-4 Stub Acme	4.250	108.0	2.875	73.0
590-008-25		2½"	NI-250	3.5-4 Acme			4.093	104.0
580-008-15	Argon	1½"	AR-150	2.7-4 Stub Acme			2.812	71.4
580-004-25		2½"	AR-250	3.813-4 Acme	3.250	83.0	3.937	100.0
540-004-15	Oxygen	1½"	OX-150	2.5-4 Acme			3.000	76.2
540-012-20		2"	OX-200	3-4 Acme			3.500	88.9
540-008-30		3"	OX-300	4.25-4 Acme	3.500	89.0	4.812	122.2

Some sizes available in SS

Tail Plug Assembly

Plug material cast aluminum, black anodized.
Tenzalloy B-179
Alum. #713.1

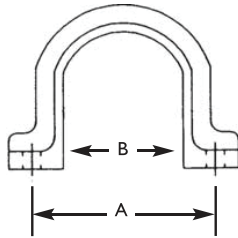


Ordering Information

Acme Part No.	Liquid Service	Size	CGA Designation	Thread Size	A	
					Inches	MM
590-001-15	Nitrogen	1½"	NI-150	2.4-4 Stub Acme	4.000	101.6
590-006-25		2½"		3.5-4 Acme		
580-006-15	Argon	1½"	AR-150	2.76-4 Stub Acme	3.500	88.9
580-001-25		2½"		3.813-4 Acme		
540-001-15	Oxygen	1½"	OX-150	2.5-4 Acme	3.750	95.3
540-013-20		2"		3-4 Acme		
540-006-30		3"		4.25-4 Acme		

Some sizes available in SS

Fixed End Clamp



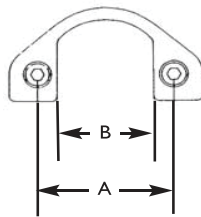
For Machined Type Fixed Ends

Furnished complete with Bolt Assembly

Ordering Information

Acme Part No.	Fixed End Size	A		B		Material
		Inches	MM	Inches	MM	
ASK-40-0026	1½"	4.00	101.6	2.250	57.2	Bronze
ASK-40-0027	2"	4.50	114.3	2.750	69.9	
ASK-40-0028	2½"	5.00	127.0	3.250	82.6	
ASK-40-0029	3"	5.50	139.7	3.750	95.3	
ASK-40-0141	1½"	4.00	101.6	2.250	57.2	304 SS
ASK-40-0142	2½"	5.00	127.0	3.250	82.6	

Fixed End Clamp, Right Angled



For Machined Type Fixed Ends

Furnished complete with Bolt Assembly

Ordering Information

Acme Part No.	Fixed End Size	A		B		Material
		Inches	MM	Inches	MM	
ASK-40-0079	1½"	3.25	120.7	2.250	57.2	Bronze
*ASK-40-0083						

*Argon Only

Stainless Steel Cable Assembly



Ordering Information

Acme Part No.	A
ASK-40-0144	32"

Bolt Assembly for Fixed End Clamp

Material - stainless steel. Type 304



Ordering Information

Acme Part No.	"T" Thread Size	A
ASK-40-0025	½"-13 UNC	2¾"

Forged Brass Flanges 4-Bolt Hole Solder Type With Tongue

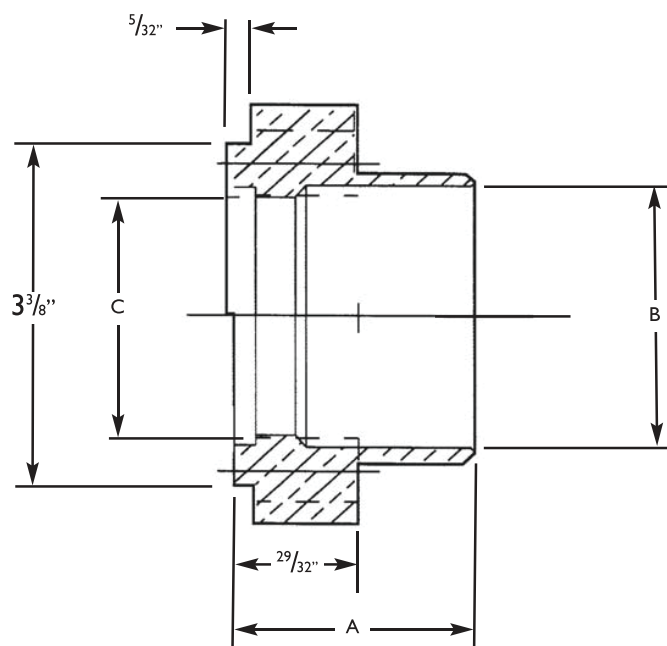
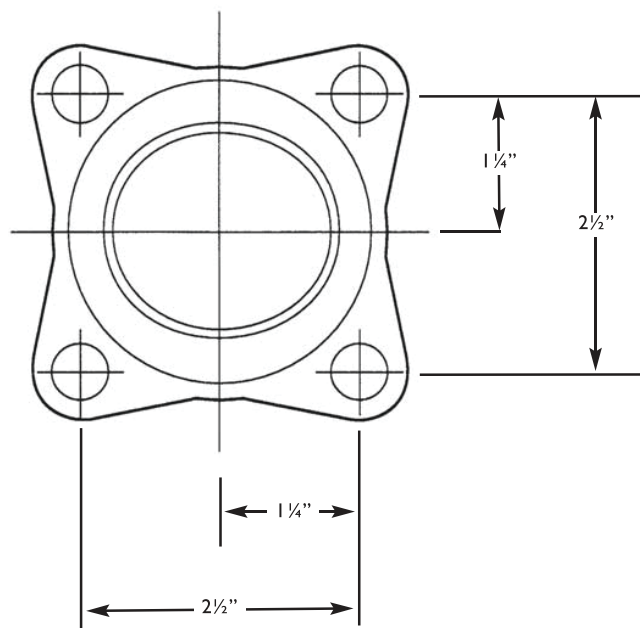
4-Bolt Hole Forged Flanges - with Tongue

Tongue Diameters $2\frac{3}{4}" \times 2\frac{7}{64}"$

Pressure rating: 450 PSIG

Service Temperature: -320°F to $+150^{\circ}\text{F}$

Material: Forged Brass CA 377, ASTM B283



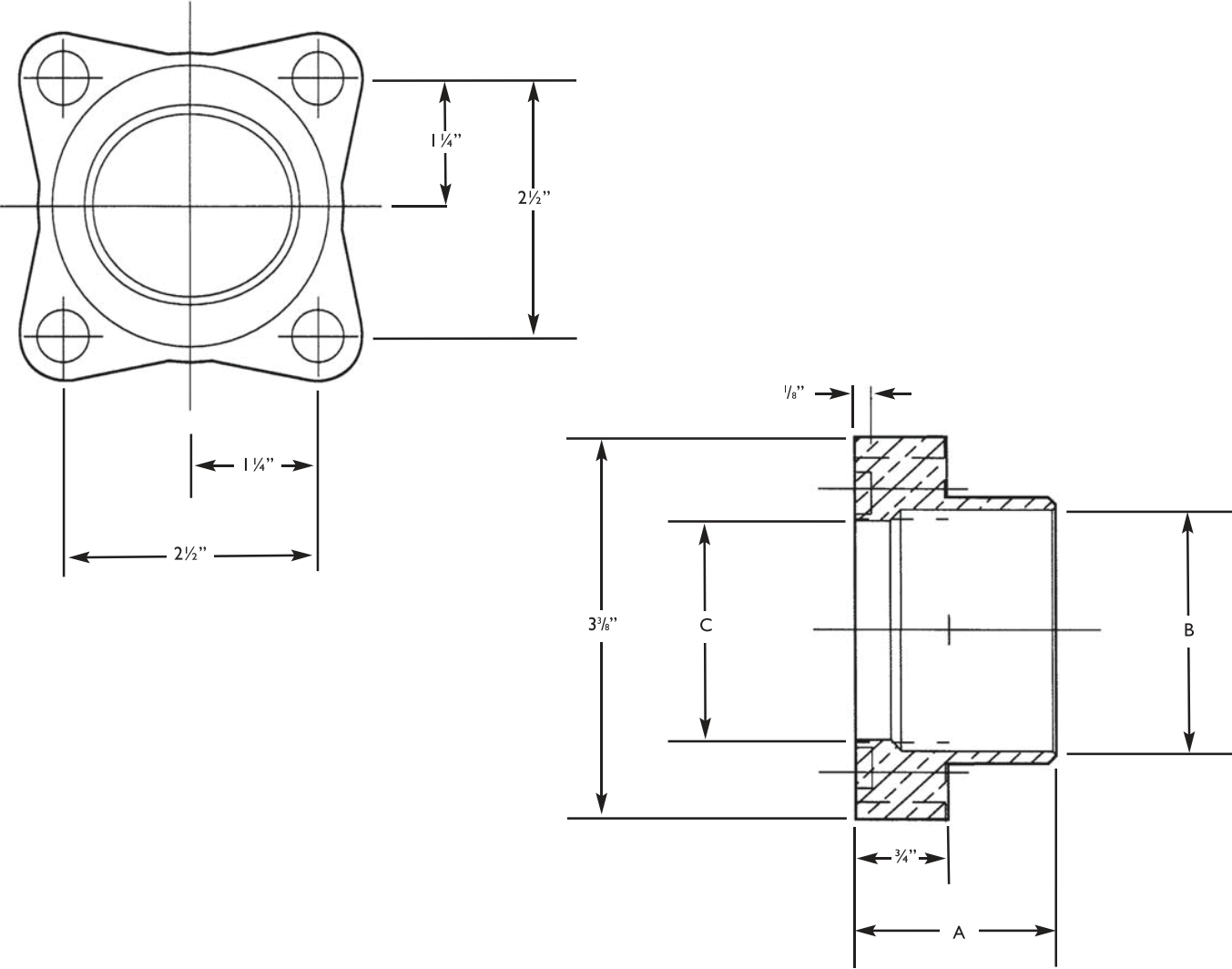
Ordering Information

Acme Part No.	Size			Dia. of Bolt Holes	WT./EA.
	A	Tube O.D. B	C		
ASK-40-0148	1¼" 1.2500	1⅝" 1.6250	1⅛" 1.1250	17/32" 0.5312	2.06
ASK-40-0152	1 ²⁹ / ₃₂ " 0.9062	1⅝" 1.6250	1 ¹⁷ / ₃₂ " 0.5312		1.94
ASK-40-0156	1⅞" 1.8750	1⅝" 1.6250	1 ¹⁵ / ₁₆ " 0.9375		1.63
Blind Flange					
ASK-40-0150	1⅞" 1.8750	-	-	17/32" 0.5312	4.00

*Flange size can be mixed to create a reducing union.

Forged Brass Flanges 4-Bolt Solder Type With Groove

4-Bolt Hole Forged Flanges - with Groove
Groove Diameters: 2²⁵/₃₂" x 2¹/₁₆"

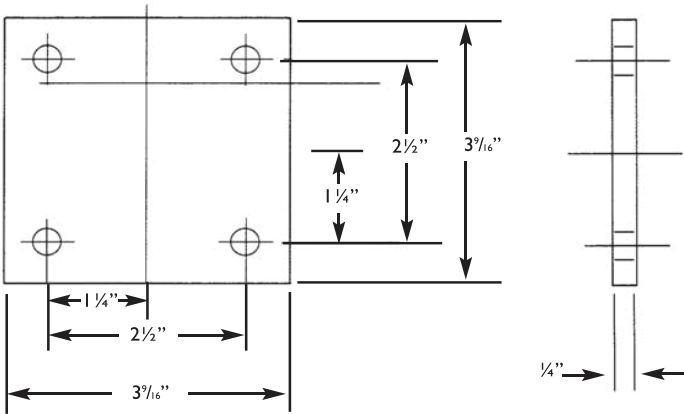


Ordering Information

Acme Part No.	Size			Dia. of Bolt Holes	WT./EA.
	A	Tube O.D. B	C		
ASK-40-0149	1 ⁹ / ₁₆ "	1 ¹ / ₈ "	1 ¹ / ₁₆ "	1 ⁷ / ₃₂ "	2.06
ASK-40-0153	1 ³ / ₄ "	1 ⁵ / ₈ "	1 ¹⁷ / ₃₂ "		1.94
ASK-40-0157	1 ²³ / ₃₂ "	2 ¹ / ₈ "	1 ¹⁵ / ₁₆ "		1.63
Blind Flange					
ASK-40-0151	1 ²³ / ₃₂ "	-	-	1 ⁷ / ₃₂ "	4.00

*Flange size can be mixed to create a reducing union.

4-Bolt Hole Aluminum Shipping Plate

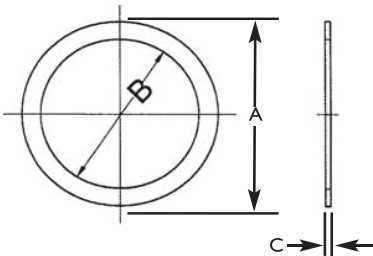


Ordering Information

Acme Part No.	Dia. of Bolt Holes	WT./EA.
ASK-40-0165	17/32"	.311

Not for use in pressurized service. For pressure applications use proper mating blind flanges as described above and proper gasket material as described below per service chart.

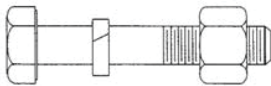
Gaskets



Ordering Information

Acme Part No.	Liquid Service	A	B	C	Material
ASK-40-0160	All Gas	2 3/4"	2 3/16"	0.063	25% glass filled Teflon
ASK-40-0162	Argon, Nitrogen				Klingsil C-440 I
288-819182	All Gas				Gylon

Hardware (Suitable For Cryogenic Applications)



Ordering Information

ACME PART NO.	DESCRIPTION	MATERIAL
ASK-40-0167	Bolt, Hex, Hd. 1/2" - I3UNC x 2 1/2" lg	ASTM A-320 Gr BS; 304 S.S.
ASK-40-0168	Nut, Hex, 1/2" - I3UNC	ASTM A-194 Gr ST; 321 S.S.
ASK-40-0169	Washer, Lock, 1/2" medium spring	304 s.s
ASK-40-0170	Bolting Kit, (4) per kit, (as shown)	Bolting Kit (as shown)



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