





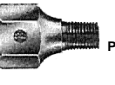



## Brass Inert Nuts, Nipples & Adapters

HAND TIGHT NUTS & NIPPLES FOR MANIFOLD ASSEMBLIES	
	
<b>HAND NUT</b> ITEM NO. 692-P	<b>CGA-580 NIPPLE WITH "O" RING</b> ITEM NO. 615-3
	
<b>CGA-510 P.O.L. ACETYLENE 500 psi Max</b>	<b>CGA-540 NIPPLE WITH SOFT TIP</b> ITEM NO. 663
Introducing light weight Plastic Grip hand-tight nuts. Each brass insert is machined to CGA specifications and the plastic grip is color coded for easy identification.	
Soft tip nipples should always be used with hand tight nuts.	
ITEM NO.	DESCRIPTION
<b>CGA-296 IND MIXTURES OF OXY 3000 psi Max</b>	
6296	Hand Tight Nut-R.H. Male Brass
6296-3	Nipple-1/4" NPT-3" Long
6296-0	"O" Ring-Replacement
<b>CGA-300 COMM. ACETY. BUTANE 500 psi Max</b>	
616-2P	Hand Tight Nut-Plastic Grip Red-R.H. Male
616-3	Nipple-1/4" NPT-2 1/2" Long
616-3M2	Nipple-Recessed for 5/16" Tube
616-PT	Soft Tip-Replacement
<b>CGA-320 CARBON DIOXIDE 3000psi Max</b>	
6-CO-2P	Hand Tight Nut-Plastic Grip Black-R.H. Female
6CO-4	Nipple-1/4" NPT-2 1/2" Long
6CO-4M1	Nipple-Recessed for 5/16" Tube
CO-6N	Nylon "Snap-in" Washer
<b>CGA-326 NITROUS OXIDE 3000psi Max</b>	
613-2P	Hand Tight Nut-Plastic Grip Black-R.H. Female
613-5	Nipple-1/4" NPT-2 1/2" Long
613-M2	Nipple-Recessed for 5/16" Tube
613-KPT	Soft Tip-Replacement
<b>CGA-346 AIR 3000 psi Max</b>	
614-2	Hand Tight Nut-Plastic Grip Black-R.H. Female
614-5	614-M2 Nipple-1/4" NPT-2 1/2" Long
614-M2	Nipple-Recessed for 5/16" Tube
614-KPT	Soft Tip-Replacement
<b>CGA-350 HYDROGEN 3000psi Max</b>	
682-P	Hand Tight Nut-Plastic Grip Red-L.H. Female
683	Nipple-1/4" NPT-2 1/2" Long
683-M1	Nipple-Recessed for 5/16" Tube
683-M2	Nipple-Recessed for 5/16" Tube
683-PT	Soft Tip-Replacement
<b>CGA-500 MEDICAL MIXTURES 3000 psi Max</b>	
6500-P	Hand Tight Nut-Plastic Grip Black-R.H. Male
615-3	Nipple-1/4" NPT-3" Long with O'Ring
615-3T	Nipple-1/4" NPT-3" Long with Soft Tip
615-8M1	Nipple-Recessed for 1/4" Tube with O'Ring
615-8M1T	Nipple-Recessed for 1/4" Tube with Soft Tip
615-8M2	Nipple-Recessed for 5/16" Tube with O'Ring
615-8M2T	Nipple-Recessed for 5/16" Tube with Soft Tip
615-0	O'Ring-Replacement
615-PT	Soft Tip-Replacement
<b>CGA-590 INDUSTRIAL AIR 3000 psi Max</b>	
693-P	Hand Tight Nut-Plastic Grip Black-L.H. Male
615-3	Nipple-1/4" NPT-3" Long with O'Ring
615-3T	Nipple-1/4" NPT-3" Long with Soft Tip
615-8M1	Nipple-Recessed for 1/4" Tube with O'Ring
615-8M1T	Nipple-Recessed for 1/4" Tube with Soft Tip
615-8M2	Nipple-Recessed for 5/16" Tube with O'Ring
615-8M2T	Nipple-Recessed for 5/16" Tube with Soft Tip
615-0	O'Ring-Replacement
615-PT	Soft Tip-Replacement
<b>CGA-660 REFRIGERANT GASES 3000psi Max</b>	
6604	Hand Tight Nut-R.H. Female Brass
603-A	Nipple-1/4" NPT
665	Teflon Washer for Nipple

BRASS & STAINLESS STEEL MANIFOLD PIPELINE OUTLET ADAPTORS					
					
<b>CGA-540 CYLINDER VALVE OUTLET MALE</b>		<b>CGA-580 CYLINDER VALVE OUTLET FEMALE</b>			
ITEM NO. B-52 CGA-540		ITEM NO. B-70 CGA-580			
CGA VALVE OUTLETS TO MALE PIPE THREAD					
ITEM NO.	DESCRIPTION	ITEM NO.	DESCRIPTION	ITEM NO.	DESCRIPTION
<b>CGA-200 PRESSURES UP TO 500 psi 825-20 NGO-R.H. ACETYLENE IN SMALL CYLINDERS</b>		<b>CGA-350 PRESSURES UP TO 3000 psi 825-14 NGO-L.H. HYDROGEN, NATURAL GAS</b>		<b>CGA-580 PRESSURES UP TO 3000 psi 965-14 NGO-R.H. ARGON, HELIUM, NITROGEN, ETC.</b>	
B-200	R.H. Male TO 1/4" NPT	B-30	L.H. Male TO 1/4" NPT	B-70	R.H. Female TO 1/4" NPT
		B-32	L.H. Male TO 1/2" NPT	B-71	R.H. Female TO 3/8" NPT
		B-33	L.H. Male TO 3/4" NPT	B-72	R.H. Female TO 1/2" NPT
				B-73	R.H. Female TO 3/4" NPT
<b>CGA-300 PRESSURES UP TO 500 psi 825-20 NGO-R.H. COMMERCIAL ACETYLENE</b>		<b>CGA-500 PRESSURES UP TO 3000 psi 880-14 NGO-L.H. MEDICAL BREATHING MIXTURES</b>		<b>CGA-590 PRESSURES UP TO 3000 psi 965-14 NGO-L.H. INDUSTRIAL AIR</b>	
B-10	R.H. Male TO 1/4" NPT	B-500	R.H. Female TO 1/4" NPT	B-80	L.H. Female TO 1/4" NPT
B-12	R.H. Male TO 1/2" NPT			B-82	L.H. Female TO 1/2" NPT
B-13	R.H. Male TO 3/4" NPT			B-83	L.H. Female TO 3/4" NPT
<b>CGA-320 PRESSURES UP TO 3000 psi 825-14 NGO-R.H. CARBON DIOXIDE</b>		<b>CGA-510 PRESSURES UP TO 500 psi 885-14 NGO-L.H. P.O.L. ACETYLENE, BUTANE &amp; PROPANE</b>		<b>CGA-660 PRESSURES UP TO 3000 psi 1.030-14-NGO-R.H. REFRIGERANT GASES</b>	
B-20	R.H. Male TO 1/4" NPT	B-40	L.H. Female TO 1/4" NPT	<b>STAINLESS STEEL</b>	
B-22	R.H. Male TO 1/2" NPT	B-42	L.H. Female TO 1/2" NPT	B-660SS	R.H. Male TO 1/4" NPT
B-23	R.H. Male TO 3/4" NPT	B-43	L.H. Female TO 3/4" NPT	B-663SS	R.H. Male TO 3/4" NPT
<b>CGA-326 PRESSURES UP TO 3000 psi 825-14 NGO-R.H. NITROUS OXIDE</b>		<b>CGA-540 PRESSURES UP TO 500 psi 903-14 NGO-L.H. P.O.L. OXYGEN</b>		<b>CGA-677 PRESSURES UP TO 6000 psi 1.030-14-NGO-R.H. AIR, ARGON, HELIUM, ETC.</b>	
B-1320	R.H. Male TO 1/4" NPT	B-50	R.H. Male TO 1/4" NPT	<b>STAINLESS STEEL</b>	
B-1322	R.H. Male TO 1/2" NPT	B-51	R.H. Male TO 3/8" NPT	B-677SS	L.H. Male TO 1/4" NPT
		B-52	R.H. Male TO 1/2" NPT	B-678SS	L.H. Male TO 1/2" NPT
		B-53	R.H. Male TO 3/4" NPT	B-679SS	L.H. Male TO 3/4" NPT
		B-50SS			
<b>CGA-346 PRESSURES UP TO 3000 psi 825-14 NGO-R.H. AIR</b>		<b>CGA-555 PRESSURES UP TO 3000 psi 903-14 NGO-R.H. BUTANE, PROPANE (LIQ. WITH)</b>		<b>CGA-705 PRESSURES UP TO 3000 psi 1.125-14-UNS-2A-R.H. AMMONIA</b>	
B-1320	R.H. Male TO 1/4" NPT	B-60	L.H. Male TO 1/4" NPT	<b>STAINLESS STEEL</b>	
B-1322	R.H. Male TO 1/2" NPT	B-62	L.H. Male TO 1/2" NPT	B-705SS	R.H. Male TO 1/4" NPT
B-1340SS	R.H. Male TO 1/4" NPT				

### CO2 O-Ring Nipple



THROW AWAY THOSE WASHERS AND CONVERT TO A HAND TIGHT O-RING SEAL!

Carbon Dioxide Nipple  
W/ O-Ring Seal,  
1/4" NPT – 2 1/2" LONG  
# 103SF  
Call For Info.



HYDRAULIC FLASH BACK ARRESTORS





GMF-3512

NOTE: Flash Arrestor is furnished with GMF-3519 fluid.

Part No.	Type Gas	Capacity SCFH	Inlet/Outlet	Relief Valve
GMF-3511	Acetylene	100	1"-11-1/2 NPT	20 psig
GMF-3512	Acetylene	300	1-1/2"-11-1/2 NPT	20 psig
GMF-3514	Hydrogen	100	3/4"-14 NPT	40 psig
GMF-3515	Hydrogen	300	1"-11-1/2" NPT	40 psig
GMF-3517	Floor Stand for the 300 SCFH units			
GMF-3519	Flash Back Arrestor Fluid			

THE ITEMS ON THIS PAGE HAVE BEEN INCLUDED IN THIS CATALOG FOR IDENTIFICATION PURPOSES.

DUE TO SAFETY REQUIREMENTS WE PROVIDE THESE TO MOST CUSTOMERS INSTALLED!  
CALL FOR PRICING.

BRASS & STAINLESS STEEL VALVE OUTLET ADAPTORS					
CGA VALVE OUTLETS TO FEMALE PIPE THREAD			CGA-580		
					
<b>CGA CYLINDER VALVE OUTLET MALE</b>		<b>CGA CYLINDER VALVE OUTLET FEMALE</b>			
ITEM NO. 415-1		ITEM NO. 416-1			
ITEM NO.	Description	Pressure Up to psi (kPa)		Description	Pressure Up to psi (kPa)
302-1	<b>CGA-200</b> Acetylene – "MC" Tank R.H. Male .625-20 NGO Thread To Female 1/4" NPT- Brass	500 (3,400)	300-1	<b>CGA-510</b> P.O.L. Acetylene, Propane 90° L.H. Female Nut .885-14 To Female 1/4" NPT- Brass	500 (3,400)
296-1	<b>CGA-296</b> Ind. Oxygen Mixtures R.H. Female .803-14 UNS-2B Thread To Female 1/4" NPT- Brass	3000 (20,700)	301-1	<b>CGA-520</b> Acetylene- "B" Tank R.H. Female .895-18 NGO To Female 1/4" NPT- Brass	500 (3,400)
15-1	<b>CGA-300</b> Commercial Acetylene R.H. Male .825-14 NGO Thread To Female 1/4" NPT- Brass	500 (3,400)	305-1	<b>CGA-520</b> Acetylene- "B" Tank 90° R.H. Male .895-18 NGO To Female 1/4" NPT- Brass	500 (3,400)
1590-1	<b>CGA-300</b> Commercial Acetylene R.H. Male 90° Elbow .825-14 NGO To Female 1/4" NPT- Brass	500 (3,400)	314-1	<b>CGA-520</b> Acetylene- "B" Tank 90° R.H. Male .895-18 NGO Thread To Female 7/16"-20 Thread-Brass	500 (3,400)
CO-2-1	<b>CGA-320</b> Carbon Dioxide R.H. Male .825-14 NGO Thread To Female 1/4" NPT- Brass	3000 (20,700)	415-1	<b>CGA-540</b> Oxygen R.H. Male .903-14 NGO Thread To Female 1/4" NPT- Brass	3000 (20,700)
1321-1	<b>CGA-326</b> Nitrous Oxide R.H. Male .825-14 NGO Thread To Female 1/4" NPT- Brass	3000 (20,700)	SS-415-1	<b>CGA-540</b> Oxygen R.H. Male .903-14 NGO Thread To Female 1/4" NPT- Stainless Steel	3000 (20,700)
1341-1	<b>CGA-346</b> Air R.H. Male .825-14 UNS-2B Thread To Female 1/4" NPT- Brass	3000 (20,700)	414-1	<b>CGA-555</b> Butane, Propane (Liq.) L.H. Male .903-14 NGO Thread To Female 1/4" NPT- Brass	3000 (20,700)
SS-1341-1	<b>CGA-346</b> Air R.H. Male .825-14 NGO Thread To Female 1/4" NPT- Stainless Steel	3000 (20,700)	416-1	<b>CGA-580</b> Argon, Helium, Nitrogen R.H. Female .965-14 NGO Thread To Female 1/4" NPT- Brass	3000 (20,700)
SS-347-1	<b>CGA-347</b> 6000 psi Air R.H. Male .825-14 NGO Thread To Female 1/4" NPT- Stainless Steel	6000 (41,400)	417-1	<b>CGA-590</b> Industrial Air Propane L.H. Female .955-14 NGO Thread To Female 1/4" NPT- Brass	3000 (20,700)
800-1	<b>CGA-350</b> Hydrogen, Natural Gas L.H. Male .825-14 NGO Thread To Female 1/4" NPT- Brass	3000 (20,700)	660-1	<b>CGA-660</b> Refrigerant Gases R.H. Male 1.030-14 NGO Thread To Female 1/4" NPT- Brass	3000 (20,700)
1516-1	<b>CGA-410</b> Canadian Acetylene L.H. Male .850-14 NGO Thread To Female 1/4" NPT- Brass	500 (3,400)	SS-660-1	<b>CGA-660</b> Refrigerant Gases R.H. Male 1.030-14 NGO Thread To Female 1/4" NPT- Stainless Steel	3000 (20,700)
500-1	<b>CGA-500</b> Medical Mixtures R.H. Male .885-14 NGO Thread To Female 1/4" NPT- Brass	3000 (20,700)	SS-677-1	<b>CGA-677</b> Air, Argon, Etc. L.H. Male 1.030-14 NGO Thread To Female 1/4" NPT- Stainless Steel	6000 (41,300)
16-1	<b>CGA-510</b> P.O.L. Acetylene, Propane L.H. Female .885-14 NGO Thread To Female 1/4" NPT- Brass	500 (3,400)	OTHER STAINLESS STEEL VALVES OUTLETS AVAILABLE BY SPECIAL QUOTE UPON REQUEST		