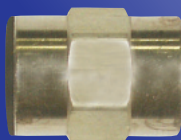


# Fittings - Hose CGA

*Ratermann Manufacturing, Inc. carries a wide range of fittings for your specific CGA connections.*



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# FITTINGS

## HAND TIGHT & YOKE CONNECTIONS

## INERT GASES



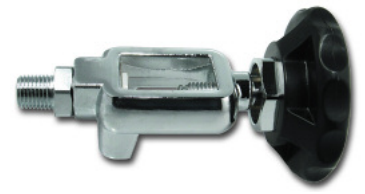
Part No. BH-580NUT



Part No. PH-580NUT



Part No. CGA-ZN580



Part No. CGA-580-14HT



Part No. CGA-580NUT



Part No. PH-580NIPPLE



Part No. BH-580NIPPLE

Fitting Type	CGA 580 & 960 Dimension/Material	3000 P.S.I.G. Part Number
Nut, Hand Tight	.960"-14NGO-RH-EXT Brass	BH-580NUT
Nut, Hand Tight	.960"-14NGO-RH-EXT Brass, Plastic Grip	PH-580NUT
*Nut, Wrench Tight	.960"-14NGO-RH-EXT Brass Hex	CGA-580NUT
Zip Nut, Quick Connect	.960"-14NGO-RH-EXT Brass Thread, Aluminum Body	CGA-ZN580
*Nipple	1/4" NPT, 2.5" Long	CGA-580NIPPLE
*Nipple, Soft Tip	1/4" NPT, 3.5" Long with soft tip for hand tight nut	PH-580NIPPLE
*Nipple, Soft Tip	1/4" NPT, 3.5" Long with o-ring for hand tight nut	BH-580NIPPLE
*Nipple, Soft Tip	1/4" NPT, 3.5" Long with soft tip for hand tight nut	PH-580NIPPLE
Soft Tip Replacement	CTFE	PH-580-NR
O-Ring Replacement	Viton	PH-580-OR
Yoke	1/4" MNPT x CGA 960 pin index, hand tight handle	CGA-960-14HT
Yoke	1/2" MNPT x CGA 960 pin index, hand tight handle	CGA-960-12HT
Washer	CGA 960 Yoke Washer	PH-WASH
Replacement Handle	Plastic Handtight	PH-870

## HAND TIGHT & YOKE CONNECTIONS

## HYDROGEN, METHANE



Part No. BH-350NUT



Part No. PH-350NUT



Part No. CGA-ZN350



Part No. CGA-350NIPPLE



Part No. CGA-350NUT



Part No. PH-350NIPPLE

Fitting Type	CGA 350 Dimension/Material	3000 P.S.I.G. Part Number
Nut, Hand Tight	.830"-14NGO-LH-INT Brass	BH-350NUT
Nut, Hand Tight	.830"-14NGO-LH-INT Brass, Plastic Grip	PH-350NUT
*Nut, Wrench Tight	.830"-14NGO-LH-INT Brass Hex	CGA-350NUT
Zip Nut, Quick Connect	.830"-14NGO-LH-INT Brass Thread, Aluminum Body	CGA-ZN350
*Nipple	1/4" NPT, 2" Long	CGA-350NIPPLE
*Nipple, Soft Tip	1/4" NPT, 2.5" Long with soft tip for hand tight nut	BH-350NIPPLE
Soft Tip Replacement	CTFE	PH-350-NR
O-Ring for Zipnut	Buna-N	PH-350-OR

## HAND TIGHT & YOKE CONNECTIONS

## ACETYLENE/PROPANE



Part No. CGA-510HT



Part No. PH-510NUT



Part No. CGA-ZN510



Part No. CGA-510NIPPLE



Part No. CGA-510NUT



Part No. CGA-500NIPPLE

Fitting Type	CGA 510 Dimension/Material	500 P.S.I.G. Part Number
Nut, Hand Tight	.880"-14NGO-LH-INT Brass	CGA-510HT
Nut, Hand Tight	.880"-14NGO-LH-INT Brass, Plastic Grip	PH-510NUT
*Nut, Wrench Tight	.880"-14NGO-LH-INT Brass Hex	CGA-510NUT
Zip Nut, Quick Connect	.880"-14NGO-LH-INT Brass Thread, Aluminum Body	CGA-ZN510
*Nipple	1/4" NPT, 2.5" Long	CGA-580NIPPLE
*Nipple, Soft Tip	1/4" NPT, 3.5" Long with soft tip for hand tight nut	PH-500NIPPLE
Soft Tip Replacement	CTFE	PH-580-NR
O-Ring Replacement	BUNA-N	PH-510-ORZ

## HAND TIGHT & YOKE CONNECTIONS

## OXYGEN



Part No. BH-540NUT



Part No. PH-540NUT



Part No. CGA-ZN540



Part No. CGA-540NUT



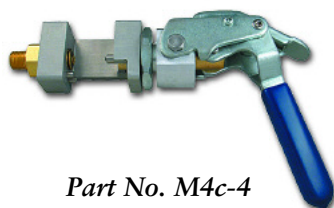
Part No. CGA-540NIPPLE



Part No. BH-540NIPPLE



Part No. CGA-870-14HT



Part No. M4c-4

Fitting Type	CGA 540 & 870 Dimension/Material	3000 P.S.I.G. Part Number
Nut, Hand Tight	.908"-14NGO-RH-INT Brass	BH-540NUT
Nut, Hand Tight	.908"-14NGO-RH-INT Brass, Plastic Grip	PH-540NUT
*Nut, Wrench Tight	.908"-14NGO-RH-INT Brass Hex	CGA-540NUT
Zip Nut, Quick Connect	.908"-14NGO-RH-INT Brass Thread, Aluminum Body	CGA-ZN540
*Nipple	1/4" NPT, 2" Long	PH-540NIPPLE
*Nipple, Soft Tip	1/4" NPT, 2.5" Long with soft tip for hand tight nut	BH-540NIPPLE
*Nipple, Soft Tip	1/4" NPT, 2.5" Long with actuating pin & o-ring	PH-540NOR-PIN
Soft Tip Replacement	CTFE	PH-540-NR
O-Ring Replacement	Viton	CGA-OR540Z
Yoke	1/4" MNPT x CGA 870 pin index, hand tight handle	CGA-870-14HT
Yoke	1/2" MNPT x CGA 870 pin index, hand tight handle	CGA-870-12HT
Flip Yoke	1/4" MNPT x CGA 870 pin index, easy flip handle	M4C-4
Flip Yoke	1/8" MNPT x CGA 870 pin index, easy flip handle	M4C-2
Washer	CGA 870 Yoke Washer	PH-WASH
Replacement Handle	Plastic Handtight	PH-870

## HAND TIGHT & YOKE CONNECTIONS

## CARBON DIOXIDE



Part No. BH-320NUT



Part No. PH-320NUT



Part No. CGA-ZN320



Part No. CGA-320-14HT



Part No. CGA-320NUT



Part No. CGA-320NIPPLE



Part No. BH-320NIPPLE

Fitting Type	CGA 320, 880 & 940 Dimension/Material	3000 P.S.I.G. Part Number
Nut, Hand Tight	.830"-14NGO-RH-INT Brass	BH-320NUT
Nut, Hand Tight	.830"-14NGO-RH-INT Brass, Plastic Grip	PH-320NUT
*Nut, Wrench Tight	.830"-14NGO-RH-INT Brass Hex	CGA-320NUT
Zip Nut, Quick Connect	.830"-14NGO-RH-INT Brass Thread, Aluminum Body	CGA-ZN320
*Nipple	1/4" NPT, 2" Long	CGA-320NIPPLE
*Nipple, Soft Tip	1/4" NPT, 2.5" Long with soft tip for hand tight nut	BH-320NIPPLE
Washer	PTFE	PH-320-NR
O-Ring for Zipnut	Buna-N	PH-320-OR
Yoke	1/4" MNPT x CGA 880 CO2/02 mix CO2 under 7%	CGA-880-14HT
Yoke	1/2" MNPT x CGA 880 CO2/02 mix CO2 under 7%	CGA-880-12HT
Yoke	1/4" MNPT x CGA 940 CO2/02 mix CO2 over 7%	CGA-940-14HT
Yoke	1/2" MNPT x CGA 940 CO2/02 mix CO2 over 7%	CGA-940-12HT
Washer	CGA 870 Yoke Washer	PH-WASH
Replacement Handle	Plastic Handtight	PH-870

## HAND TIGHT & YOKE CONNECTIONS

## AIR



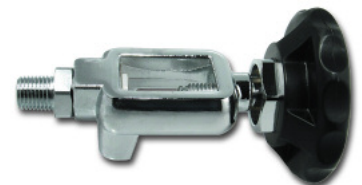
Part No. BH-346NUT



Part No. PH-346NUT



Part No. CGA-ZN346



Part No. CGA-950-14HT



Part No. CGA-346NUT



Part No. CGA-346NIPPLE



Part No. BH-346NIPPLE

Fitting Type	CGA 346 & 950 Dimension/Material	3000 P.S.I.G. Part Number
Nut, Hand Tight	.830"-14NGO-RH-INT Brass	BH-346NUT
Nut, Hand Tight	.830"-14NGO-RH-INT Brass, Plastic Grip	PH-346NUT
*Nut, Wrench Tight	.830"-14NGO-RH-INT Brass Hex	CGA-346NUT
Zip Nut, Quick Connect	.830"-14NGO-RH-INT Brass Thread, Aluminum Body	CGA-ZN346
*Nipple	1/4" NPT, 2" Long	CGA-346NIPPLE
*Nipple, Soft Tip	1/4" NPT, 2.5" Long with soft tip for hand tight nut	PH-346NIPPLE
Washer	PTFE	PH-346-NR
O-Ring for Zipnut	Buna-N	PH-346-OR
Yoke	1/4" MNPT x CGA 950 pin index, Medical Air	CGA-950-14HT
Yoke	1/2" MNPT x CGA 950 pin index, Medical Air	CGA-950-12HT
Washer	CGA 870 Yoke Washer	PH-WASH
Replacement Handle	Plastic Handtight	PH-870

## HAND TIGHT & YOKE CONNECTIONS

**AIR**



Part No. BH-347NUT



Part No. PH-347NUTSS



Part No. CGA-347NUT



Part No. CGA-347NUTSS



Part No. ZN347

	CGA 347	5500 P.S.I.G.
Fitting Type	Dimension/Material	Part Number
Nut, Hand Tight	.830"-14NGO-RH-INT Brass, Plastic Grip	BH-347NUT
Nut, Hand Tight	.830"-14NGO-RH-INT Stainless Steel	PH-347NUTSS
Nut, Wrench Tight	.830"-14NGO-RH-INT Brass	CGA-347NUT
Nut, Wrench Tight	.830"-14NGO-RH-INT Stainless Steel	CGA-347NUTSS
Zip Nut, Quick Connect	.830"-14NGO-RH-INT Brass Thread, Aluminum Body	CGA-ZN347
Nipple, Handtight	1/4" NPT, 3" Long, w/o-ring, Brass	CGA-347NIPPLEOR
Nipple, Handtight	1/4" NPT, 3" Long, w/o-ring, Stainless Steel	CGA-347SSNIPPLEOR
Nipple	1/4" NPT, 3" Long, Brass	CGA-347NIPPLE
Nipple	1/4" NPT, 3" Long, Stainless Steel	CGA-347SSNIPPLE



Part No. CGA-347NIPPLE



Part No. CGA-347SSNIPPLE

## TEFLON PASTE AND TAPE

Oxygen Safe, Chemically Inert, and Odor Free

FORMULA-8 is used by thousands of welding and general supply companies and equipment manufacturers worldwide.



Teflon Paste



Teflon Tape

Part #	Description
Tape-1	1/4" Teflon Tape
Tape-2	1/2" Teflon Tape
Tape-34	3/4" Teflon Tape
Tape-3	1" Teflon Tape
Oxy-Teflon 8	Teflon Paste

## SCREWED BONNET NEEDLE VALVE - Series 3000

### Description

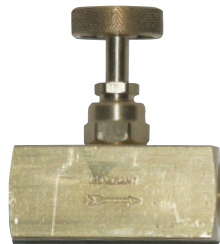
The unique, externally adjustable, wear compensating, virgin teflon stem packing offers long trouble free service life in most gas applications.

### Technical Data

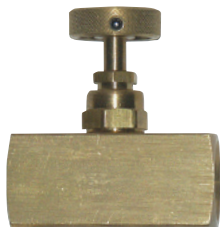
- Maximum Pressure @ 100° F (38°C)  
Brass: 3000 Psig (206 bar)  
303 and 316 Stainless Steel: 5000 Psig (345 bar)
- Flow Coefficient:  
Globe and Angle (.187" Orifice): 0.40 Cv  
Block (.312" Orifice): 0.90 Cv

### Materials of Construction

- Component
- Valve Body Material – Brass – 303 Stainless Steel<sup>1</sup>  
– 316 Stainless Steel<sup>1</sup>



Pt # FIT-NVF38F38



Pt # FIT-NVF12F12



Pt # FIT-NVF14F14

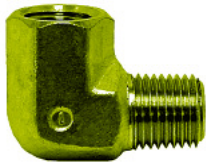
Part #	Description
FIT-NVF18F18	Needle Valve – 1/8" F In x 1/8" F Out
FIT-NVF18M18	Needle Valve – 1/8" F In x M 1/8" M Out
FIT-NVM18M18	Needle Valve – 1/8" M In x 1/8" M Out
FIT-NVF14F14	Needle Valve – 1/4" F In x 1/4" F Out
FIT-NVM14M14	Needle Valve – 1/4" M In x 1/4" M Out
FIT-NVF14M14	Needle Valve – 1/4" F In x 1/4" M Out
FIT-NVF38F38	Needle Valve – 3/8" F In x 3/8" F Out
FIT-NVF38M38	Needle Valve – 3/8" F In x 3/8" M Out
FIT-NVM38M38	Needle Valve – 3/8" M In x 3/8" M Out
FIT-NVF12F12	Needle Valve – 1/2" F In x 1/2" F Out
FIT-NVF12M12	Needle Valve – 1/2" F In x 1/2" M Out
FIT-NVM12M12	Needle Valve – 1/2" M In x 1/2" M Out

# PIPE FITTINGS

## SMALL BRASS PIPE THREAD FITTINGS - 3000 PSI

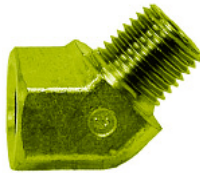
### 90° Brass Street Elbow

Part #	Female Thread
FIT-90SEF18M18	1/8" NPT
FIT-90SEF14M14	1/4" NPT
FIT-90SEF38M38	3/8" NPT
FIT-90SEF12M12	1/2" NPT



### 45° Brass Street Elbow

Part #	Female Thread
FIT-45SEF18M18	1/8" NPT
FIT-45SEF14M14	1/4" NPT
FIT-45SEF38M38	3/8" NPT
FIT-45SEF12M12	1/2" NPT



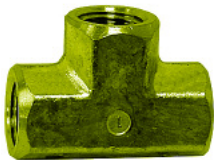
### 90° Brass Elbow

Part #	Female Threads
FIT-90F18	1/8" NPT
FIT-90F14	1/4" NPT
FIT-90F38	3/8" NPT
FIT-90F12	1/2" NPT



### Brass 3 Way Tee

Part #	Female Threads
FIT-TF18	1/8" NPT
FIT-TF14	1/4" NPT
FIT-TF38	3/8" NPT
FIT-TF12	1/2" NPT



### Brass Street Tee

Part #	Two Female Thread / One Male Thread
FIT-TBLOCK18	1/8" NPT
FIT-TBLOCK14	1/4" NPT



### Brass Cross

Part #	Female Threads
FIT-X18	1/8" NPT
FIT-X14	1/4" NPT
FIT-X38	3/8" NPT
FIT-X12	1/2" NPT



### Pipe Extension



Part #	One Female Thread / One Male Thread
FIT-PEF18M18	1/8" NPT, 2 1/2" OAL
FIT-PEF14M14	1/4" NPT, 3" OAL

### Brass Hex Head Plug



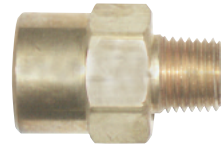
Part #	Male Threads
FIT-18PLUG	1/8" NPT
FIT-14PLUG	1/4" NPT
FIT-38PLUG	3/8" NPT
FIT-12PLUG	1/2" NPT

### Brass Cap



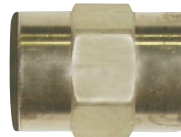
Part #	Female Threads
FIT-18CAP	1/8" NPT
FIT-14CAP	1/4" NPT
FIT-38CAP	3/8" NPT
FIT-12CAP	1/2" NPT

### Brass Adapter



Part #	Female Threads	Male Threads
FIT-F18M18	1/8" NPT	1/8" NPT
FIT-F14M14	1/4" NPT	1/4" NPT
FIT-F14M18	1/4" NPT	1/8" NPT
FIT-F38M14	3/8" NPT	1/4" NPT
FIT-F12M14	1/2" NPT	1/4" NPT

### Brass Coupler



Part #	Female Threads	Female Threads
FIT-F18F18	1/8" NPT	1/8" NPT
FIT-F14F18	1/4" NPT	1/8" NPT
FIT-F14F14	1/4" NPT	1/4" NPT
FIT-F38F14	3/8" NPT	1/4" NPT
FIT-F38F38	3/8" NPT	3/8" NPT
FIT-F12F14	1/2" NPT	1/4" NPT
FIT-F12F12	1/2" NPT	1/2" NPT

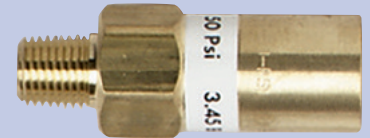
### Reducer Bushing



Part #	Male Threads	Female Threads
FIT-F18M14	1/4" NPT	1/8" NPT
FIT-F18M38	3/8" NPT	1/8" NPT
FIT-F14M38	3/8" NPT	1/4" NPT
FIT-F14M12	1/2" NPT	1/4" NPT
FIT-F38M12	1/2" NPT	3/8" NPT
FIT-F14M34	3/4" NPT	1/4" NPT
FIT-F12M34	3/4" NPT	1/2" NPT

## PRESSURE RELIEFS

### 1/4" NPT Safety Pressure Relief



### 1/4" NPT Safety Pressure Relief

Part #	Description
PR-22	22 PSI
PR-35	35 PSI
PR-50	50 PSI
PR-75	75 PSI
PR-100	100 PSI
PR-125	125 PSI
PR-150	150 PSI
PR-175	175 PSI
PR-200	200 PSI
PR-230	230 PSI
PR-235	235 PSI
PR-350	350 PSI
PR-375	375 PSI
PR-400	400 PSI
PR-425	425 PSI
PR-450	450 PSI
PR-500	500 PSI
PR-700	700 PSI

Custom Pressure Settings Also Available

# PIPE FITTINGS

## 316 SS PIPE THREAD FITTINGS - 6000 PSI

### Stainless 90° Elbow



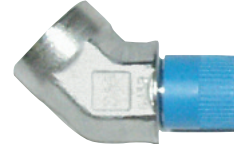
1/4" Female NPT x 1/4" Female NPT  
Part # FIT-SS90F14

### Stainless 90° Street Elbow



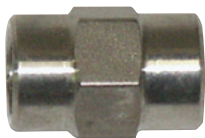
1/4" Female NPT x 1/4" Male NPT  
Part # FIT-SS90SEF14M14

### Stainless 45° Street Elbow



1/4" Female NPT x 1/4" Male NPT  
Part # FIT-SS45SEF14M14

### Stainless Coupler



1/4" Female NPT x 1/4" Female NPT  
Part # FIT-SSF14F14

### Stainless Tee



1/4" Female NPT All Ports  
Part # FIT-SSTF14

### Stainless Cross



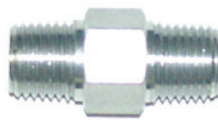
1/4" Female NPT All Ports  
Part # FIT-SSXF14

### Stainless Adapter



1/4" Female NPT x 1/4" Male NPT  
Part # FIT-SSF14M14

### Stainless Hex Nipple



1/4" Male NPT x 1/4" Male NPT  
Part # FIT-SSM14M14

## SMALL BRASS PIPE THREAD FITTINGS - 3000 PSI continued

### Round Brass Nipples

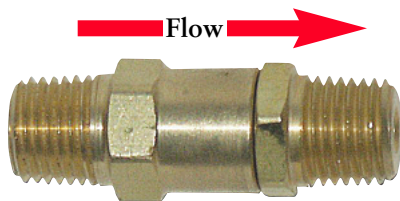


Part #	External Thread	Overall Length
FIT-NPM-1815	1/8" NPT	1 1/2"
FIT-NPM-1415	1/4" NPT	1 1/2"
FIT-NPM-1420	1/4" NPT	2"
FIT-NPM-1425	1/4" NPT	2 1/2"
FIT-NPM-1430	1/4" NPT	3"
FIT-NPM-1435	1/4" NPT	3 1/2"
FIT-NPM-1450	1/4" NPT	5"

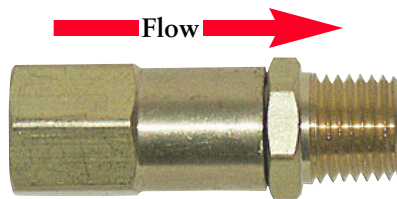
## IN-LINE CHECK VALVES

Use with Pigtail Hoses

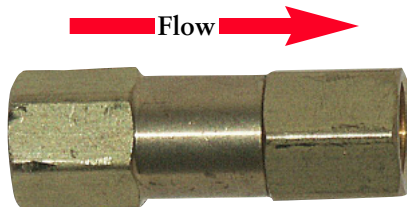
See Hoses pages 5A-2 to 5A-7



Pt # FIT-CVM14M14



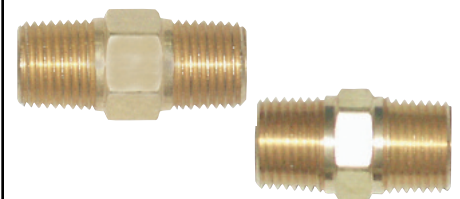
Pt # FIT-CVF14M14



Pt # FIT-CVF14F14

Part #	Description	Pipe Thread
FIT-CVF14M14	Female In/Male Out	1/4" NPT
FIT-CVF14F14	Female In/Female Out	1/4" NPT
FIT-CVM14M14	Male In/Male Out	1/4" NPT

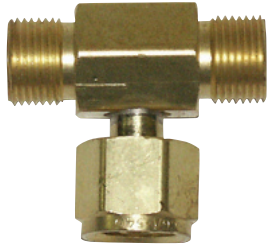
### Brass Hex Nipples



Part #	External Thread	External Thread
FIT-M18M18	1/8" M NPT	1/8" M NPT
FIT-M18M14	1/8" M NPT	1/4" M NPT
FIT-M14M14	1/4" M NPT	1/4" M NPT
FIT-M38M38	3/8" M NPT	3/8" M NPT
FIT-M38M18	3/8" M NPT	1/8" M NPT
FIT-M38M14	3/8" M NPT	1/4" M NPT
FIT-M12M14	1/2" M NPT	1/4" M NPT
FIT-M12M12	1/2" M NPT	1/2" M NPT
FIT-M34M34	3/4" M NPT	3/4" M NPT

# CGA PLUGS & PORT GAUGES

## CGA MANIFOLD COUPLER TEES



Coupler Tees – 2 CGA Outlets, One CGA Nut and Nipple

Standard Part #	CGA Code	Description	Check Valve Part #
MAN-CT2-320	320	Carbon Dioxide, 3000 PSIG	MAN-CT2-320CV
MAN-CT2-326	326	Nitrous Oxide, 3000 PSIG	MAN-CT2-326CV
MAN-CT2-346	346	Breathing Air, 3000 PSIG	MAN-CT2-346CV
MAN-CT2-350	350	Hydrogen, 3000 PSIG	MAN-CT2-350CV
MAN-CT2-540	540	Oxygen, 3000 PSIG	MAN-CT2-540CV
MAN-CT2-580	580	Nitrogen, Argon, Helium 3000 PSIG	MAN-CT2-580CV

Coupler Tees – 3 CGA Outlets, One CGA Nut and Nipple

Standard Part #	CGA Code	Description	Check Valve Part #
MAN-CT3-320	320	Carbon Dioxide, 3000 PSIG	MAN-CT3-320CV
MAN-CT3-326	326	Nitrous Oxide, 3000 PSIG	MAN-CT3-326CV
MAN-CT3-346	346	Breathing Air, 3000 PSIG	MAN-CT3-346CV
MAN-CT3-540	540	Oxygen, 3000 PSIG	MAN-CT3-540CV
MAN-CT3-580	580	Nitrogen, Argon, Helium 3000 PSIG	MAN-CT3-580CV

## CGA PLUG & CHAIN ASSEMBLIES

These shorter one-piece plug and chains can be used, where space is limited, to seal-off cylinder valves and still be able to install the cylinder valve cap. These nipples have replaceable soft tips or "O" rings.



"Compact" One Piece Plug & Chain Assemblies

Standard Part #	CGA Code	Description	Check Valve Part #
FIT-OPC-326	326	Nitrous Oxide	FIT-OPC-326CV
FIT-OPC-346	346	Breathing Air	FIT-OPC-346CV
FIT-OPC-347B	347	Breathing Air (Brass)	FIT-OPC-347BCV
FIT-OPC-347S	347	Breathing Air (Stainless)	FIT-OPC-347SCV
FIT-OPC-350	350	Hydrogen	FIT-OPC-350CV
FIT-OPC-500	500	Medical Mixtures	FIT-OPC-500CV
FIT-OPC-510	510	Acetylene	FIT-OPC-510CV
FIT-OPC-540	540	Oxygen	FIT-OPC-540CV
FIT-OPC-555	555	Propane (Liquid Withdrawal)	FIT-OPC-555CV
FIT-OPC-580	580	Nitrogen, Argon & Helium	FIT-OPC-580CV
FIT-OPC-590	590	Industrial Air	FIT-OPC-590CV

## TRANSFILL SYSTEMS

### Portable Helium Transfillers



Pt # TF-HE36

Designed for a safe and efficient transfilling of gas from large helium cylinders to smaller type rental cylinders. Complete operating and safety instructions included.

#### Features

- Handtight Connections
- Bleeder Valve
- 36" Flexible Stainless Steel Hose
- Supply and Fill Monitoring Gauges
- Metering Orifice to Regulate Fill Rate

#### Portable Helium Transfiller

Part #	Description
TF-HE36	Stainless Steel 36" Portable Helium Transfiller

#### Portable Transfiller

Part #	Description
TF-8754P	Fills CGA 870 from CGA 540
TF-54-8754P	Fills CGA 540 & CGA 870 from CGA 540

# CGA GAS FILLING CONNECTORS

Fittings Hose CGA

Section

**13A**

## EASY CONNECTING AND DISCONNECTING FROM CYLINDER

**The One, Two Easy way to fill Industrial Gas Cylinders.**

The One, Two Solution for increased production of assembly line filling with safety and increased profits.



VIDEO DEMO AVAILABLE

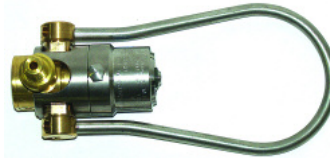
### ONE -

- Connect to cylinder valve
- Flip actuator handle down over cylinder valve

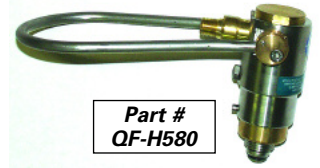


### TWO -

- After filling, close valve and vent pressure
- Flip actuator handle up over valve and remove



Part # QF-H540



Part # QF-H580

Part #	Description
QF-H580	Inert Gas CGA-580
QF-H540	Oxygen CGA-540
QF-H510	Acetylene
QF-H346	Breathing Air
QF-H910	Nitrous Oxide - Medical
QF-SH320	Carbon Dioxide



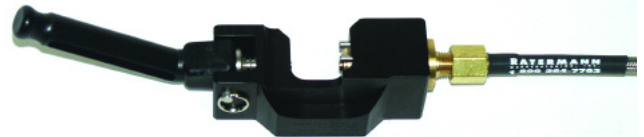
Part # QF-SH320

### Quick Fill for Residual Pressure Retention Valve

Part #	Description
QF-RPV-H580	RPV - CGA 580 Style Valve
QF-RPV-H540	RPV - CGA 540 Style Valve

\*Hose not included

## MEDICAL OXYGEN POST VALVE QUICK FILL



Part # QF-H870

**The One, Two Easy Way to Fill Medical Oxygen Cylinders**

**One** - Line up pins and move handle to engage connector.

**Two** - After filling move handle again to disengage connector.



### Key Features

- Designed for both single cylinder and high volume rack filling
- Flip handle design insures positive locking to cylinder valves
- Unique design accommodates both right and left side gauge mounted valves
- Lightweight - Brass, Stainless Steel and Aluminum components

\*Hose not included

\*\*Replacement seals available

### Product Specifications

Connector Components	CGA 870 MediMate
Body	Black Anodized Aluminum
Handle	Deirin Plastic
Actuator Piston	Stainless Steel
Elastomer Seal	Viton
Collets	N/A
Wetted Components	Brass
Working Pressure	3600 PSI

# CGA FITTINGS FOR GAS

**CGA-200**

Acetylene  
"MC" Sizes



Nut Pt # CGA-200Nut  
Nipple Pt # CGA-200Nipple

**CGA-320**

Carbon  
Dioxide



Nut Pt # CGA-320Nut  
Nipple Pt # CGA-320Nipple

**CGA-326**

Nitrous  
Oxide



Nut Pt # CGA-326Nut  
Nipple Pt # CGA-326Nipple

**CGA-346**

Air



Nut Pt # CGA-346Nut  
Nipple Pt # CGA-346Nipple

**CGA-347**

Air



Nut Pt # CGA-347Nut  
Nipple Pt # CGA-347Nipple

**CGA-350**

Hydrogen /  
Methane



Nut Pt # CGA-350Nut  
Nipple Pt # CGA-350Nipple

**Plastic  
Hand  
Tight**



Pt # PH-580 CGA 580  
Pt # PH-540 CGA 540  
Pt # PH-320 CGA 320

*Matching Nipple for  
CGA Hand Tight*

Pt # PH-580Nipple  
Pt # PH-540Nipple  
Pt # PH-320Nipple

**Brass  
Hand  
Tight**



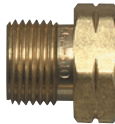
Pt # BH-580 CGA 580  
Pt # BH-540 CGA 540  
Pt # BH-320 CGA 320

*Matching Nipple for  
CGA Hand Tight*

Pt # BH-580Nipple  
Pt # BH-540Nipple  
Pt # BH-320Nipple

**CGA-510**

Acetylene /  
Propane



Nut Pt # CGA-510Nut  
Nipple Pt # CGA-510Nipple

**CGA-520**

Acetylene  
"B" Size



Nut Pt # CGA-520Nut  
Nipple Pt # CGA-520Nipple

**CGA-540**

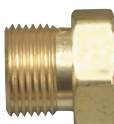
Oxygen



Nut Pt # CGA-540Nut  
Nipple Pt # CGA-540Nipple

**CGA-580**

Argon /  
Helium /  
Nitrogen



Nut Pt # CGA-580Nut  
Nipple Pt # CGA-580Nipple

**CGA-622**

Carbon  
Dioxide



Nut Pt # CGA-622Nut  
Nipple Pt # CGA-622Nipple

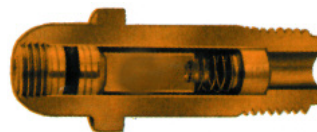
**CGA-624**

Nitrous  
Oxide

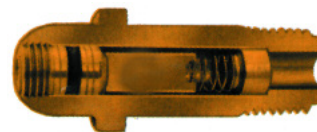


Nut Pt # CGA-624Nut  
Nipple Pt # CGA-624Nipple

**NIPPLES WITH  
CHECK VALVES**



Normal Flow



Reverse Flow

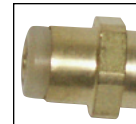
For nipples with check  
valves reference part #'s:

Normal Flow:  
CGA-\_\_\_\_ NIPPLECV

Reverse Flow:  
CGA-\_\_\_\_ NIPPLERV

**Replacement  
Tips & Washers**

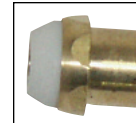
For PH-540Nipple



CGA  
540  
Oxygen

Pt # PH-540-NRPK10  
Nipple Replacement Tip

For PH-580Nipple



CGA  
580  
Inert Gas

Pt # PH-580-NRPK10  
Nipple Replacement Tip

(use Pt # BH-580-ORPK10  
for 580 Nipples  
that require  
O-Rings)

For PH-320Nipple



CGA 320  
Carbon  
Dioxide

Pt # PH-320-WPK10  
Replacement Washer