

## HANDTIGHT &amp; WRENCHTIGHT NUTS &amp; NIPPLES

Examples shown are CGA320 connection for Carbon Dioxide service.

**Plastic Handtight Nut & Teflon Tip Nipple**

Part # HTN61-P Plastic Handtight & Part # NP150T3 Nipple w/Teflon Tip

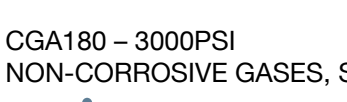
Shown as an assembly to the right.

**Brass Wrenchtight Nut & Nipple**

Part # N61 Brass Nut & Part # NP147 Brass Nipple

**316L Stainless Steel Wrenchtight Nut & Nipple**

Part # N61SS SS Nut & Part # NP147SS SS Nipple

**Brass Wrenchtight Nut & 5/16" OD Tube Nipple**

Part # N61 Brass Nut & Part # NP147C3 5/16" OD Tube Nipple

CGA180 – 3000PSI  
NON-CORROSIVE GASES, SMALL CYLINDERS

| Part Number | Description                           |
|-------------|---------------------------------------|
| N50         | .625-18UNF-2B-RH-INT, Wrenchtight Nut |
| NP109       | 1/8"NPT x 1 3/4" Nipple               |
| W65         | Teflon Washer                         |

CGA200 – 250PSI  
ACETYLENE, "MC" SIZE

| Part Number | Description                       |
|-------------|-----------------------------------|
| N57         | .628-2NGO-RH-INT, Wrenchtight Nut |
| NP414       | 1/8"NPT x 1 1/4" Nipple           |

CGA280 – 3000PSI  
MEDICAL BREATHING MIXTURES

| Part Number | Description                        |
|-------------|------------------------------------|
| N59         | .750-14NGO-RH-INT, Wrenchtight Nut |
| NP118       | 1/4"NPT x 2 1/2" Nipple            |
| NP117C3     | 5/16"OD Tube x 1.090" Nipple       |

CGA296 – 3000PSI  
INDUSTRIAL OXYGEN MIXTURES

| Part Number | Description                                     |
|-------------|---|
| N60         | .803-14UNS-2A-RH-EXT, Wrenchtight Nut           |
| HTN60       | .803-14UNS-2A-RH-EXT, Handtight Nut, Brass      |
| NP123       | 1/4"NPT x 3" Nipple                             |
| NP123CV     | 1/4"NPT x 3" Nipple w/ Check Valve              |
| NP123CV-RV  | 1/4"NPT x 3" Nipple w/ Reverse Flow Check Valve |
| NP122C3     | 5/16"OD Tube x 1 3/4" Nipple                    |
| NP123W      | 1/4"NPT x 3" Nipple w/O-ring                    |
| NP123WC3    | 5/16"OD Tube x 2 1/2" Nipple w/O-ring           |
| OR10        | Replacement O-ring                              |

CGA300 – 250PSI  
ACETYLENE

| Part Number | Description                                    |
|-------------|--|
| N56         | .830-14NGO-RH-INT, Wrenchtight Nut             |
| HTN56       | .830-14NGO-RH-INT, Handtight Nut, Brass        |
| NP126       | 1/4"NPT x 2" Nipple                            |
| NP128       | 1/4"NPT x 2 1/2" Nipple                        |
| NP128CV     | 1/4"NPT x 2 1/2" Nipple w/ Check Valve         |
| NP128CV-RV  | 1/4"NPT x 2 1/2" Nipple w/ Reverse Check Valve |
| NP126C2     | 1/4"OD Tube x 1 1/4" Nipple                    |
| NP126C3     | 5/16"OD Tube x 1 1/4" Nipple                   |
| NP128T3     | 1/4"NPT x 2 1/2" Nipple w/Teflon Tip           |
| NP126T3C3   | 5/16"OD Tube x 2 1/2" Nipple w/Teflon Tip      |
| T128-3      | Replacement Teflon Tip                         |

CGA320 – 3000PSI  
CARBON DIOXIDE \*\*PICTURES SHOWN ABOVE

| Part Number | Description                                     |
|-------------|---|
| N61         | .830-14NGO-RH-INT, Wrenchtight Nut              |
| N61SS**     | .830-16NGO-RH-INT, Stainless Steel              |
| HTN61       | .830-14NGO-RH-INT, Handtight Nut, Brass         |
| HTN61-P**   | .830-14NGO-RH-INT, Handtight Nut, Plastic       |
| NP147**     | 1/4"NPT x 2" Nipple                             |
| NP147SS**   | 1/4"NPT x 2" Nipple, Stainless Steel            |
| NP150       | 1/4"NPT x 2 1/2" Nipple                         |
| NP151       | 1/4"NPT x 3" Nipple                             |
| NP147C2     | 1/4"OD Tube x 2 1/32" Nipple                    |
| NP147C2SS   | 1/4"OD Tube x 2 1/32" Nipple, Stainless Steel   |
| NP147C3**   | 5/16"OD Tube x 2 1/32" Nipple                   |
| NP150T3**   | 1/4"NPT x 2 1/2" Nipple w/Teflon Washer         |
| NP147T3C2   | 1/4"OD Tube x 2 1/2" Nipple w/Teflon Washer     |
| NP147T3C3   | 5/16"OD Tube x 2 1/2" Nipple w/Teflon Washer    |
| W6, W8      | Replacement Fiber Washer or Teflon Washer       |
| W10         | Replacement Teflon Washer For Handtight Nipples |

CGA326 – 3000PSI  
NITROUS OXIDE

| Part Number | Description  |
|-------------|--|
| N82         | .830-14NGO-RH-INT, Wrenchtight Nut                 |
| HTN82       | .830-14NGO-RH-INT, Handtight Nut, Brass            |
| HTN82-P     | .830-14NGO-RH-INT, Handtight Nut, Plastic          |
| NP732       | 1/4"NPT x 2 1/8" Nipple                            |
| NP733       | 1/4"NPT x 2 1/2" Nipple                            |
| NP733CV     | 1/4"NPT x 2 1/2" Nipple w/Check Valve              |
| NP733CV-RV  | 1/4"NPT x 2 1/2" Nipple w/Reverse Flow Check Valve |
| NP732C2     | 1/4"OD Tube x 1 1/4" Nipple                        |
| NP732C3     | 5/16"OD Tube x 1 1/4" Nipple                       |
| NP733T1     | 1/4"NPT x 2 1/2" Nipple w/Kel-F Tip                |
| NP733T1C3   | 5/16"OD Tube x 2 1/2" Nipple w/Kel-F Tip           |
| T733-1      | Replacement Kel-F Tip                              |

Examples shown are CGA346 connection for Breathing Air service.



**Brass Wrenchtight Nut & Check Valve Nipple**  
Part # N84 Brass Nut & Part # NP753CV Brass Nipple With Check Valves



**Brass Wrenchtight Nut & Nipple**  
Part # N84 Brass Nut & Part # NP753 Brass Nipple



**316L Stainless Steel Wrenchtight Nut & Nipple**  
Part # N84SS SS Nut & Part # NP753SS SS Nipple



**Brass Wrenchtight Nut & 5/16" OD Tube Nipple**  
Part # N84 Brass Nut & Part # NP752C3 5/16"OD Tube Nipple



**Plastic Handtight Nut & Teflon Tip Nipple**  
Part # HTN84-P Plastic Handtight  
Part # NP753T1 Nipple w/Teflon Tip

**CGA330 – 3000PSI  
NON-CORROSIVE GASES & CORROSIVE GASES**

| Part Number | Description  |
|-------------|--|
| N62         | .830-14NGO-LH-INT, Wrenchtight Nut                   |
| N62SS       | .830-14NGO-LH-INT, Wrenchtight Nut, Stainless Steel* |
| NP161       | 1/4" NPT x 2" Nipple                                 |
| NP161SS     | 1/4" NPT x 2" Nipple, Stainless Steel*               |
| NP162       | 1/4" NPT x 2 1/2" Nipple                             |
| NP162C2     | 1/4" OD Tube x 2 1/32" Nipple                        |
| NP162C3     | 5/16" OD Tube x 2 1/32" Nipple                       |
| NP161C2SS   | 1/4" OD Tube x 2 1/32" Nipple, Stainless Steel*      |
| W8          | Replacement Teflon Washer*                           |

\* Stainless Steel recommended for corrosive gases

**CGA346 – 3000PSI  
BREATHING AIR - \*\*PICTURES SHOWN ABOVE**

| Part Number | Description   |
|-------------|---|
| N84**       | .830-14NGO-RH-INT, Wrenchtight Nut                  |
| N84SS**     | .830-14NGO-RH-INT, Wrenchtight Nut, Stainless Steel |
| HTN84       | .830-14NGO-RH-INT, Handtight Nut, Brass             |
| HTN84-P**   | .830-14NGO-RH-INT, Handtight Nut, Plastic           |
| NP752       | 1/4" NPT x 2 1/8" Nipple                            |
| NP753**     | 1/4" NPT x 2 1/2" Nipple                            |
| NP753CV**   | 1/4" NPT x 2 1/2" Nipple w/Check Valve              |
| NP753CV-RV  | 1/4" NPT x 2 1/2" Nipple w/Reverse Flow Check Valve |
| NP753SS**   | 1/4" NPT x 2 1/2" Nipple, Stainless Steel           |
| NP754       | 1/4" NPT x 3" Nipple                                |
| NP752C2     | 1/4" OD Tube x 1 1/4" Nipple                        |
| NP752C2SS   | 1/4" OD Tube x 1 1/4" Nipple, Stainless Steel       |
| NP752C3**   | 5/16" OD Tube x 1 1/4" Nipple                       |
| NP753T1**   | 1/4" NPT x 2 1/2" Nipple w/Kel-F Tip                |
| NP752T1C2   | 1/4" OD Tube x 2" Nipple w/Kel-F Tip                |
| NP752T1C3   | 1/4" OD Tube x 2" Nipple w/Kel-F Tip                |
| T753-1      | Replacement Kel-F Tips                              |

**CGA347 – 3001-5500PSI  
BREATHING AIR**

| Part Number | Description  |
|-------------|--|
| N85         | .830-14NGO-RH-INT, Wrenchtight Nut                   |
| N85SS       | .830-14NGO-RH-INT, Wrenchtight Nut, Stainless Steel  |
| HTN85SS     | .830-14NGO-RH-INT, Handtight Nut, Stainless Steel    |
| NP765       | 1/4" NPT x 2 1/2" Nipple                             |
| NP765SS     | 1/4" NPT x 2 1/2" Nipple, Stainless Steel            |
| NP765SSW    | 1/4" NPT x 2 1/2" Nipple, Stainless Steel, w/ O-ring |

**CGA350 – 3000PSI  
HYDROGEN/METHANE**

| Part Number | Description   |
|-------------|---|
| N64         | .830-14NGO-LH-INT, Wrenchtight Nut                  |
| N64SS       | .830-14NGO-LH-INT, Wrenchtight Nut, Stainless Steel |
| HTN64       | .830-14NGO-LH-INT, Handtight Nut, Brass             |
| HTN64-P     | .830-14NGO-LH-INT, Handtight Nut, Plastic           |
| NP167       | 1/4" NPT x 2 1/8" Nipple                            |
| NP168       | 1/4" NPT x 2 1/2" Nipple                            |
| NP168CV     | 1/4" NPT x 2 1/2" Nipple w/Check Valve              |
| NP168CV-RV  | 1/4" NPT x 2 1/2" Nipple w/Reverse Flow Check Valve |
| NP168SS     | 1/4" NPT x 2 1/2" Nipple, Stainless Steel           |
| NP169       | 1/4" NPT x 3" Nipple                                |
| NP168C2     | 1/4" OD x 1 1/4" Nipple                             |
| NP168C3     | 5/16" OD Tube x 1 1/4" Nipple                       |
| NP168C2SS   | 1/4" OD x 1 1/4" Nipple, Stainless Steel            |
| NP168T3     | 1/4" NPT x 2 1/2" Nipple w/Teflon Tip               |
| NP168T3C2   | 1/4" OD Tube x 2" Nipple w/Teflon Tip               |
| NP168T3C3   | 5/16" OD Tube x 2" Nipple w/Teflon Tip              |
| T168-3      | Replacement Teflon Tip                              |

## HANDTIGHT &amp; WRENCHTIGHT NUTS &amp; NIPPLES



**Brass Wrenchtight Nut & Nipple**  
Part # N73 Brass Nut & Part # NP188 Brass Nipple

Examples shown are CGA580 connection for Inert Gas service.



**Brass Wrenchtight Nut & 5/16" OD Tube Nipple**  
Part # N73 Brass Nut & Part # NP188C3 5/16" OD Tube Nipple

CGA 500 – 3000PSI  
MEDICAL MIXTURE

| Part Number | Description                               |
|-------------|---|
| N67         | .880-14NGO-RH-EXT, Wrenchtight Nut        |
| HTN67-P     | .880-14NGO-RH-EXT, Handtight Nut          |
| NP188       | 1/4"NPT x 2 1/2" Nipple                   |
| NP189       | 1/4"NPT x 3" Nipple                       |
| NP190       | 1/4"NPT x 3 1/2" Nipple                   |
| NP188C2     | 1/4"OD Tube x 1 3/4" Nipple               |
| NP188C3     | 5/16"OD Tube x 1 3/4" Nipple              |
| NP190W      | 1/4"NPT x 3 1/2" Nipple w/O-ring          |
| NP190T3     | 1/4"NPT x 3 1/2" Nipple w/Teflon Tip      |
| NP188T3C2   | 1/4"OD Tube x 2 1/2" Nipple w/Teflon Tip  |
| NP188T3C3   | 5/16"OD Tube x 2 1/2" Nipple w/Teflon Tip |
| OR11        | Replacement O-ring for NP190W             |
| T189-3      | Replacement Teflon Tip                    |

CGA510 – 250PSI  
ACETYLENE

| Part Number | Description   |
|-------------|---|
| N69         | .880-14NGO-LH-EXT, Wrenchtight Nut                  |
| N69SS       | .880-14NGO-LH-EXT, Wrenchtight Nut, Stainless Steel |
| HTN69       | .880-14NGO-LH-EXT, Handtight Nut, Brass             |
| HTN69-P     | .880-14NGO-LH-EXT, Handtight Nut, Plastic           |
| NP188       | 1/4"NPT x 2 1/2" Nipple                             |
| NP188CV     | 1/4"NPT x 2 1/2" Nipple W/Check Valve               |
| NP188CV-RV  | 1/4"NPT x 2 1/2" Nipple W/Reverse Flow Check Valve  |
| NP189       | 1/4"NPT x 3" Nipple                                 |
| NP190       | 1/4"NPT x 3 1/2" Nipple                             |
| NP188SS     | 1/4"NPT x 2 1/2" Nipple, Stainless Steel            |
| NP189SS     | 1/4"NPT x 3" Nipple, Stainless Steel                |
| NP188C2SS   | 1/4"OD Tube x 2 1/2" Nipple, Stainless Steel        |
| NP190W      | 1/4"NPT x 3 1/2" Nipple w/O-ring                    |
| NP189T3     | 1/4"NPT x 3" Nipple w/Teflon Tip                    |
| NP190T3     | 1/4"NPT x 3 1/2" Nipple w/Teflon Tip                |
| NP188T3C2   | 1/4"OD Tube x 2 1/2" Nipple w/Teflon Tip            |
| NP188T3C3   | 5/16"OD Tube x 2 1/2" Nipple w/Teflon Tip           |

CGA520 – 250PSI  
ACETYLENE

| Part Number | Description                         |
|-------------|-------------------------------------|
| N70         | .899"-18NGO-RH-INT, Wrenchtight Nut |
| NP435       | 1/4"NPT x 1 3/4" Nipple             |
| NP435C2     | 1/4"OD Tube x 1 1/4" Nipple         |
| NP435C3     | 5/16"OD Tube x 1 1/4" Nipple        |

CGA540 – 3000PSI  
OXYGEN

| Part Number | Description   |
|-------------|---|
| N71         | .908-14NGO-RH-INT, Wrenchtight Nut                  |
| N71SS       | .908-14NGO-RH-INT, Wrenchtight Nut, Stainless Steel |
| HTN71       | .908-14NGO-RH-INT, Handtight Nut, Brass             |
| HTN71-P     | .908-14NGO-RH-INT, Handtight Nut, Plastic           |
| NP210       | 1/4"NPT x 2 1/8" Nipple                             |
| NP210CV     | 1/4"NPT x 2 1/8" Nipple W/Check Valve               |
| NP210CV     | 1/4"NPT x 2 1/8" Nipple W/Reverse Flow Check Valve  |
| NP211       | 1/4"NPT x 2 1/2" Nipple                             |
| NP211SS     | 1/4"NPT x 2 1/2" Nipple, Stainless Steel            |
| NP212       | 1/4"NPT x 3 Nipple                                  |
| NP210C2     | 1/4"OD Tube x 1.109 Nipple                          |
| NP210C3     | 5/16"OD Tube x 1.109 Nipple                         |
| NP210C2SS   | 1/4"OD Tube x 1.109 Nipple, Stainless Steel         |
| NP211T1     | 1/4"NPT x 2 1/2" Nipple w/Teflon Tip                |
| NP210T1C2   | 1/4"OD Tube x 1 3/4" Nipple w/ Teflon Tip           |
| NP210T1C3   | 5/16"OD Tube x 1 3/4" Nipple w/ Teflon Tip          |
| T211-1      | Replacement Teflon Tip                              |



**Plastic Handtight Nut & Teflon Tip Nipple**  
Part # HTN73-P Plastic Handtight &  
Part # NP189T3 Nipple with Teflon Tip



**Plastic Handtight Nut & O-Ring Seal Nipple**  
Part # HTN73-P Plastic Handtight &  
Part # NP190W Nipple with O-Ring



Examples shown are CGA580 connection for Inert Gas service.

**CGA555 – 250PSI  
PROPANE, LIQUID WITHDRAWAL**

| Part Number | Description                                 |
|-------------|---|
| N86         | .908-14NGO-LH-INT, Wrenchtight Nut          |
| HTN86       | .908-14NGO-LH-INT, Handtight Nut            |
| NP210       | 1/4" NPT x 2 1/8" Nipple                    |
| NP211       | 1/4" NPT x 2 1/2" Nipple                    |
| NP210C2     | 1/4" OD Tube x 1.109 Nipple                 |
| NP210C3     | 5/16" OD Tube x 1.109 Nipple                |
| NP210T1C2   | 1/4" OD Tube x 1 3/4" Nipple w/ Teflon Tip  |
| NP210T1C3   | 5/16" OD Tube x 1 3/4" Nipple w/ Teflon Tip |

**CGA577 – 3001-4000PSI  
OXYGEN**

| Part Number | Description                        |
|-------------|------------------------------------|
| N577        | .965-14NGO-RH-INT, Wrenchtight Nut |
| NP823       | 1/4" NPT x 3" Nipple               |

**CGA580 – 3000PSI  
HELIUM, NITROGEN, ARGON (INERT GAS)**

| Part Number | Description   |
|-------------|---|
| N73**       | .960-14NGO-RH-EXT, Wrenchtight Nut                  |
| N73SS       | .960-14NGO-RH-EXT, Wrenchtight Nut, Stainless Steel |
| HTN73       | .960-14NGO-RH-EXT, Handtight Nut, Brass             |
| HTN73-P     | .960-14NGO-RH-EXT, Handtight Nut, Plastic           |
| NP188**     | 1/4" NPT x 2 1/2" Nipple                            |
| NP189       | 1/4" NPT x 3" Nipple                                |
| NP188CV     | 1/4" NPT x 2 1/2" Nipple W/Check Valve              |
| NP188CV-RV  | 1/4" NPT x 2 1/2" Nipple W/Reverse Flow Check Valve |
| NP190       | 1/4" NPT x 3 1/2" Nipple                            |
| NP188SS     | 1/4" NPT x 2 1/2" Nipple, Stainless Steel           |
| NP189SS     | 1/4" NPT x 3" Nipple, Stainless Steel               |
| NP188C2     | 1/4" OD Tube x 1 3/4" Nipple                        |
| NP188C3**   | 5/16" OD Tube x 1 3/4" Nipple                       |
| NP188C2SS   | 1/4" OD Tube x 2 1/2" Nipple, Stainless Steel       |
| NP190W**    | 1/4" NPT x 3 1/2" Nipple w/O-ring                   |
| NP189T3**   | 1/4" NPT x 3" Nipple w/Teflon Tip                   |
| NP190T3     | 1/4" NPT x 3 1/2" Nipple w/Teflon Tip               |
| NP188T3C2   | 1/4" OD Tube x 2 1/2" Nipple w/Teflon Tip           |
| NP188T3C3   | 5/16" OD Tube x 2 1/2" Nipple w/Teflon Tip          |
| OR11        | Replacement O-ring for NP190W                       |
| T189-3      | Replacement Teflon Tip                              |

\*\* Sample pictures shown above

HANDTIGHT & WRENCHTIGHT NUTS & NIPPLES

**Stainless Steel Wrenchtight Nut & Nipple**  
 Part # N80SS SS Nut & Part # NP246SS SS Nipple



Example shown above is CGA677 connection for Inert gas service, 5501-7500 PSIG

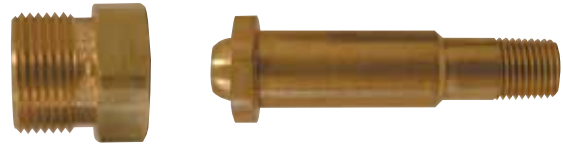
**CGA590 – 3000PSI  
 INDUSTRIAL AIR / OIL PUMP NITROGEN**

| Part Number | Description   |
|-------------|---|
| N74         | .960*14NGO-LH-EXT, Wrenchtight Nut                  |
| N74SS       | .960*14NGO-LH-EXT, Wrenchtight Nut, Stainless Steel |
| NP188       | 1/4"NPT x 2 1/2" Nipple                             |
| NP189       | 1/4"NPT x 3" Nipple                                 |
| NP188CV     | 1/4"NPT x 2 1/2" Nipple W/Check Valve               |
| NP188CV-RV  | 1/4"NPT x 2 1/2" Nipple W/Reverse Flow Check Valve  |
| NP190       | 1/4"NPT x 3 1/2" Nipple                             |
| NP188SS     | 1/4"NPT x 2 1/2" Nipple, Stainless Steel            |
| NP189SS     | 1/4"NPT x 3" Nipple, Stainless Steel                |
| NP188C2     | 1/4"OD Tube x 1 3/4" Nipple                         |
| NP188C3     | 5/16"OD Tube x 1 3/4" Nipple                        |
| NP188C2SS   | 1/4"OD Tube x 2 1/2" Nipple, Stainless Steel        |
| NP190W      | 1/4"NPT x 3 1/2" Nipple w/O-ring                    |
| NP189T3     | 1/4"NPT x 3" Nipple w/Teflon Tip                    |
| NP190T3     | 1/4"NPT x 3 1/2" Nipple w/Teflon Tip                |
| NP188T3C2   | 1/4"OD Tube x 2 1/2" Nipple w/Teflon Tip            |
| NP188T3C3   | 5/16"OD Tube x 2 1/2" Nipple w/Teflon Tip           |
| OR11        | Replacement O-ring for NP190W                       |
| T189-3      | Replacement Teflon Tip                              |

**CGA660 – 3000PSI  
 REFRIGERANT GASES**

| Part Number | Description  |
|-------------|--|
| N77         | 1.035-14NGO-RH-INT, Wrenchtight Nut                  |
| N77SS       | 1.035-14NGO-RH-INT, Wrenchtight Nut, Stainless Steel |
| NP236       | 1/4"NPT x 1 3/4" Nipple                              |
| NP238       | 1/4"NPT x 2 1/2" Nipple                              |
| NP239       | 1/4"NPT x 3" Nipple                                  |
| NP238SS     | 1/4"NPT x 2 1/2" Nipple, Stainless Steel             |
| NP239SS     | 1/4"NPT x 3" Nipple, Stainless Steel                 |
| NP236C2SS   | 1/4"OD Tube x 1 3/4" Nipple, Stainless Steel         |
| W18         | Teflon Washer  |

**Brass Wrenchtight Nut & Nipple**  
 Part # N702 Brass Nut & Part # NP843 Brass Nipple



Example shown above is CGA680 connection for Inert Gas service, 3001-5500PSIG

**CGA677 – 5501-7500PSI  
 HELIUM, NITROGEN, ARGON (INERT GAS) -  
 \*\*PICTURES SHOWN ABOVE**

| Part Number | Description                         |
|-------------|-------------------------------------|
| N680        | 1.040-14NGO-RH-EXT, Wrenchtight Nut |
| NP843       | 1/4"NPT x 3" Nipple                 |
| NP844       | 1/4"NPT x 3 1/2" Nipple             |

**CGA680 – 3001-5500PSI  
 HELIUM, NITROGEN, ARGON (INERT GAS)**

| Part Number | Description                         |
|-------------|-------------------------------------|
| N680        | 1.040-14NGO-RH-EXT, Wrenchtight Nut |
| NP843       | 1/4"NPT x 3" Nipple                 |
| NP844       | 1/4"NPT x 3 1/2" Nipple             |

**CGA695 – 3001-5500PSI  
 HYDROGEN/METHANE**

| Part Number | Description                         |
|-------------|-------------------------------------|
| N695        | 1.040-14NGO-LH-EXT, Wrenchtight Nut |
| NP843       | 1/4"NPT x 3" Nipple                 |
| NP844       | 1/4"NPT x 3 1/2" Nipple             |

**CGA701 – 4001-5500PSI  
 OXYGEN**

| Part Number | Description                         |
|-------------|-------------------------------------|
| N701        | 1.108-18NGO-RH-INT, Wrenchtight Nut |
| NP863       | 1/4" NPT x 3" Nipple                |

**CGA702 • 5501-7500PSI  
 OXYGEN**

| Part Number | Description                          |
|-------------|--------------------------------------|
| N702**      | 1.120-14NGO-RH-EXT., Wrenchtight Nut |
| NP843**     | 1/4"NPT x 3" Nipple                  |
| NP844       | 1/4"NPT x 3 1/2" Nipple              |

BRASS & STAINLESS STEEL CGA VALVE OUTLET ADAPTERS X NPT



**Part # A542**  
CGA320 x 3/8" M.NPT Adaptor



**Part # N811A**  
CGA326 x 1/4" F.NPT Adaptor



**Part # N347A-SS**  
CGA347 x 1/4" F.NPT Adaptor



**Part # A591**  
CGA540 x 1/4" M.NPT Adaptor



**Part # N876A**  
CGA540 x 1/4" F.NPT Adaptor

CGA180 – .620-18UNF-2B-RH-EXT – 3000PSI  
NON-CORROSIVE GAS OUTLET, SMALL CYLINDERS

| Part Number | Description            |
|-------------|------------------------|
| A518        | CGA180 x 1/4" Male NPT |

CGA296 – .803-UNS-2B-RH-INT – 3000PSI  
INDUSTRIAL OXYGEN MIXTURES

| Part Number | Description              |
|-------------|--------------------------|
| N853A       | CGA296 x 1/4" Female NPT |

CGA300 – .825-14NGO-RH-EXT – 250PSI  
ACETYLENE OUTLET

| Part Number | Description              |
|-------------|--------------------------|
| A531        | CGA300 x 1/4" Male NPT   |
| A533        | CGA300 x 1/2" Male NPT   |
| A535        | CGA300 x 3/4" Male NPT   |
| N830A       | CGA300 x 1/4" Female NPT |

CGA320 – .825-14NGO-RH-EXT – 3000PSI  
CARBON DIOXIDE OUTLET

| Part Number | Description              |
|-------------|--------------------------|
| A541        | CGA320 x 1/4" Male NPT   |
| A542        | CGA320 x 3/8" Male NPT   |
| A543        | CGA320 x 1/2" Male NPT   |
| A545        | CGA320 x 3/4" Male NPT   |
| N854A       | CGA320 x 1/4" Female NPT |

CGA326 – .825-14NGO-RH-EXT – 3000PSI  
NITROUS OXIDE OUTLET

| Part Number | Description              |
|-------------|--------------------------|
| A631        | CGA326 x 1/4" Male NPT   |
| A632        | CGA326 x 3/8" Male NPT   |
| A633        | CGA326 X 1/2" Male NPT   |
| N811A       | CGA326 x 1/4" Female NPT |

CGA346 – .825-14NGO-RH-EXT – 3000PSI  
BREATHING AIR OUTLET

| Part Number | Description                               |
|-------------|---|
| A641        | CGA346 x 1/4" Male NPT                    |
| A641SS      | CGA346 x 1/4" Male NPT, Stainless Steel   |
| A643        | CGA346 x 1/2" Male NPT                    |
| N866A       | CGA346 x 1/4" Female NPT                  |
| N866ASS     | CGA346 x 1/4" Female NPT, Stainless Steel |

CGA347 – .830-14NGO-RH-EXT – 3001-5500PSI  
BREATHING AIR OUTLET

| Part Number | Description                               |
|-------------|---|
| N347ASS     | CGA347 x 1/4" Female NPT, Stainless Steel |

CGA350 • .825-14NGO-RH-EXT • 3000PSI  
HYDROGEN/METHANE OUTLET

| Part Number | Description                               |
|-------------|---|
| A551        | CGA350 x 1/4" Male NPT                    |
| A553        | CGA350 x 1/2" Male NPT                    |
| A555        | CGA350 x 3/4" Male NPT                    |
| N874A       | CGA350 x 1/4" Female NPT                  |
| N874ASS     | CGA350 x 1/4" Female NPT, Stainless Steel |

CGA500 – .885-14NGO-RH-INT – 3000PSI  
MEDICAL GAS MIXTURES OUTLET

| Part Number | Description              |
|-------------|--------------------------|
| A571        | CGA500 x 1/4" Male NPT   |
| N807A       | CGA500 x 1/4" Female NPT |

CGA510 – .885-14NGO-LH-INT – 250PSI  
ACETYLENE OUTLET

| Part Number | Description              |
|-------------|--------------------------|
| A581        | CGA510 x 1/4" Male NPT   |
| A582        | CGA510 x 3/8" Male NPT   |
| A583        | CGA510 x 1/2" Male NPT   |
| A585        | CGA510 x 3/4" Male NPT   |
| N800A       | CGA510 x 1/4" Female NPT |

CGA540 – .903-14NGO-RH-EXT – 3000PSI  
OXYGEN OUTLET

| Part Number | Description                               |
|-------------|---|
| A591        | CGA540 x 1/4" Male NPT                    |
| A591SS      | CGA540 x 1/4" Male NPT, Stainless Steel   |
| A592        | CGA540 x 3/8" Male NPT                    |
| A593        | CGA540 x 1/2" Male NPT (W/CHECK VALVE)    |
| A593CV      | CGA540 x 1/2" Male NPT                    |
| A595        | CGA540 x 3/4" Male NPT                    |
| N876A       | CGA540 x 1/4" Female NPT                  |
| N876ASS     | CGA540 x 1/4" Female NPT, Stainless Steel |

CGA555 – .903-14NGO-LH-EXT – 3000PSI  
PROPANE (LIQUID WITHDRAWAL) OUTLET

| Part Number | Description              |
|-------------|--------------------------|
| A651        | CGA555 x 1/4" Male NPT   |
| A653        | CGA555 x 1/2" Male NPT   |
| N885A       | CGA555 x 1/4" Female NPT |

CGA580 – .965-14NGO-RH-INT – 3000PSI  
HELIUM, NITROGEN, ARGON (INERT GAS) OUTLET

| Part Number | Description                               |
|-------------|---|
| A601        | CGA580 x 1/4" Male NPT                    |
| A602        | CGA580 x 3/8" Male NPT                    |
| A603        | CGA580 x 1/2" Male NPT                    |
| A603CV      | CGA580 x 1/2" Male NPT (W/CHECK VALVE)    |
| A605        | CGA580 x 3/4" Male NPT                    |
| N862A       | CGA580 x 1/4" Female NPT                  |
| N862ASS     | CGA580 x 1/4" Female NPT, Stainless Steel |

CGA590 – .965-14NGO-LH-INT – 3000PSI INDUSTRIAL  
AIR OUTLET

| Part Number | Description              |
|-------------|--------------------------|
| A611        | CGA590 x 1/4" Male NPT   |
| A613        | CGA590 x 1/2" Male NPT   |
| N954A       | CGA590 x 1/4" Female NPT |

CGA660 • 1.030-14NGO-RH-EXT • 3000PSI  
REFRIGERANT GASES

| Part Number | Description              |
|-------------|--------------------------|
| N880A       | CGA660 x 1/4" Female NPT |

CGA677 – 1.035-14NGO-LH-EXT – 5501-7500PSI  
HELIUM, NITROGEN, ARGON (INERT GAS)

| Part Number | Description                               |
|-------------|---|
| A671SS      | CGA677 x 1/4" Male NPT, Stainless Steel   |
| A673SS      | CGA677 x 1/2" Male NPT, Stainless Steel   |
| N677ASS     | CGA677 x 1/4" Female NPT, Stainless Steel |

CGA DUST CAP ASSEMBLIES

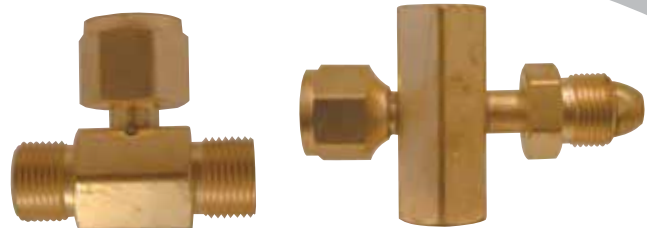
Dust Cap Assemblies -  
Do Not Make  
Gas Tight Seal

**Part #CC8540**  
CGA540 Dust Cap  
& Chain



| Part Number | CGA Code | Description             |
|-------------|----------|-------------------------|
| CC8320      | 320      | Carbon Dioxide          |
| CC8346      | 346      | Breathing Air           |
| CC8350      | 350      | Hydrogen                |
| CC8510      | 510      | Acetylene               |
| CC8540      | 540      | Oxygen                  |
| CC8580      | 580      | Nitrogen, Argon, Helium |

CGA MANIFOLD COUPLER TEES



2 Way Coupler Tee

3 Way Coupler Tee

COUPLER TEES - 2 CGA OUTLETS, ONE CGA NUT & NIPPLE

| Standard Part Number | CGA Code | Description                      | Check Valve Part Number |
|----------------------|----------|----------------------------------|-------------------------|
| C2320                | 320      | Carbon Dioxide, 3000PSIG         | C2320CV                 |
| C2326                | 326      | Nitrous Oxide, 3000PSIG          | C2326CV                 |
| C2346                | 346      | Breathing Air, 3000PSIG          | C2346CV                 |
| C2350                | 350      | Hydrogen, 3000PSIG               | C2350CV                 |
| C2540                | 540      | Oxygen, 3000PSIG                 | C2540CV                 |
| C2580                | 580      | Nitrogen, Argon, Helium 3000PSIG | C2580CV                 |

COUPLER TEES - 3 CGA OUTLETS, ONE CGA NUT & NIPPLE

| Standard Part Number | CGA Code | Description              | Check Valve Part Number |
|----------------------|----------|--------------------------|-------------------------|
| C4320                | 320      | Carbon Dioxide, 3000PSIG | C4320CV                 |
| C4326                | 326      | Nitrous Oxide, 3000PSIG  | C4326CV                 |
| C4346                | 346      | Breathing Air, 3000PSIG  | C4346CV                 |
| C4540                | 540      | Oxygen, 3000PSIG         | C4540CV                 |
| C4580                | 580      | Argon, Helium & Nitrogen | C4580CV                 |

CGA PLUG & CHAIN ASSEMBLIES

Two Piece & "Compact"  
One Piece Plug & Chain  
Assemblies



**Part # PC580**  
CGA580 Gas Tight Plug

| Two Piece Part Number | CGA Code | Description                 | "Compact" One Piece Part Number |
|-----------------------|----------|-----------------------------|---------------------------------|
| PC4326                | 326      | Nitrous Oxide               | PC326                           |
| PC4346                | 346      | Breathing Air               | PC346                           |
| PC4347                | 347      | Breathing Air (Brass)       | PC347                           |
| PC4347SS              | 347      | Breathing Air (Stainless)   | N/A                             |
| PC4350                | 350      | Hydrogen                    | PC350                           |
| PC4500                | 500      | Medical Mixtures            | PC500                           |
| PC4510                | 510      | Acetylene                   | PC510                           |
| PC4540                | 540      | Oxygen                      | PC540                           |
| PC4555                | 555      | Propane (Liquid Withdrawal) | PC555                           |
| PC4580                | 580      | Nitrogen, Argon & Helium    | PC580                           |
| PC4590                | 590      | Industrial Air              | PC590                           |