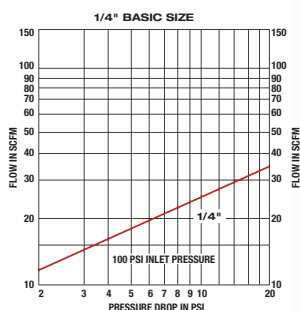
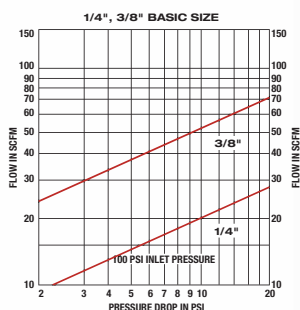


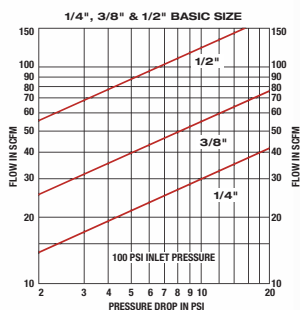
# 700-1700-1800 series AIR COUPLERS & PLUGS



STYLE L, A, T



STYLE D, P, AA



STYLE M, H, G

## BASIC SIZE

Basic size defines the air handling capacity. The most popular size for automotive use is 1/4". 1/4" will handle air volumes up to approximately 40 SCFM (Standard Cubic Feet per Minute) and will connect and disconnect under normal air line pressure.

The 3/8" basic size coupler will handle air volumes up to approximately 60 SCFM. The 1/2" basic size coupler will handle air volumes exceeding 60 SCFM. These sizes are not intended to be connected or disconnected under normal air line pressure.

Do not confuse basic size with thread size. Thread size specifies only the size of the pipe fitting the coupler or plug is to be attached to, and has nothing to do with air volume.

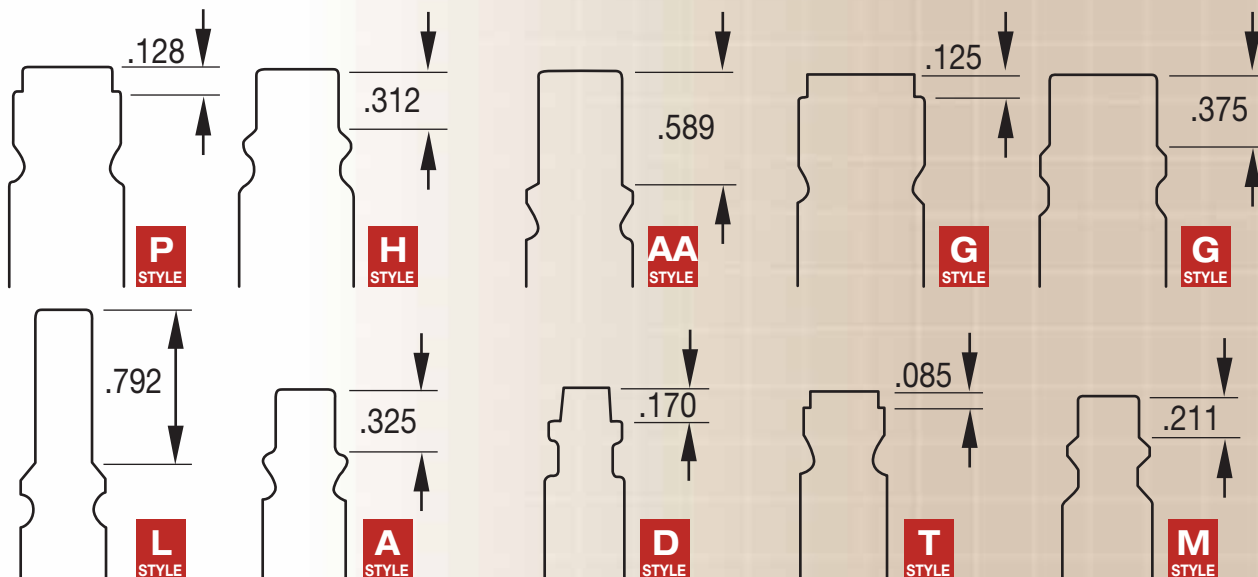
## STYLE

Ten different styles of couplers/plugs are in current automotive and industrial use today. They were originally developed by different manufacturers. While there is no advantage of one style over another (provided they are quality made), the most popular styles are the industrial interchanges (M, H, G). Milton offers interchanges with couplers/plugs that will work with most other manufacturers versions of like styles.

Normally various styles are not interchangeable but couplers and plugs within the same style (from most manufacturers) will work together. (See page 46-47) of this catalog for interchangeability with other air coupler suppliers. With the Milton "Match-up system" all couplers and plugs with same letter code can be used together regardless of thread sizes. Note: Milton offers two G-styles, that even though they are different, will work together. Milton's three way coupler will work with M, T, and A-style plugs.

With the Milton "match-up system" all couplers and plugs with same letter code can be used together regardless of thread sizes.

## USE THESE FULL-SIZE DRAWINGS TO IDENTIFY AN UNKNOWN PLUG STYLE



## 700-1700-1800 series AIR COUPLERS & PLUGS

### M-STYLE INDUSTRIAL INTERCHANGE SERIES 1/4" BASIC SIZE

Milton M-style "Kwik-change" couplers and plugs will interchange with all manufacturers who comply with the dimensional requirements of military specification MIL-C-4109.

- M-style coupler bodies are brass with brass sleeves
- M-style plugs are case hardened steel, plated to resist rust
- Maximum inlet pressure: 300 PSI
- Maximum temperature: 250° F
- Air flow: 40 SCFM
- Seals: Buna-N

WARNING: COUPLERS IN THIS SECTION ARE FOR USE WITH SHOP AIR ONLY.

### M-STYLE 1/4" COMBINATION COUPLER/PLUG & COUPLER KITS

Part No.	Contents
<b>711 / S 711</b>	One #715 & one #727
<b>S 211</b>	One #715, one #728 & three #727 (See page 9)
<b>S 212</b>	One #715, three #728 & three #727 (See page 9)

### M-STYLE COUPLERS

Part No.	Connection	Description
<b>715 / S 715</b>	1/4" NPT female	
<b>716 / S 716</b>	1/4" NPT male	
<b>718 / S 718</b>	3/8" NPT female	
<b>719 / S 719</b>	3/8" NPT male	
<b>755 / S 755</b>	1/4" NPT female	Push type, steel sleeve, drag guard
<b>756</b>	1/4" NPT male	Push type, steel sleeve, drag guard
<b>713</b>	1/4" NPT female	Case hardened steel drag guard
<b>714</b>	1/4" NPT male	Case hardened steel drag guard
<b>717</b>	1/4" hose barb	Case hardened steel drag guard
<b>717-6</b>	3/8" hose barb	Case hardened steel drag guard
<b>1717-4</b>	1/4" push on & lock hose barb	case hardened steel drag guard
<b>1717-6</b>	3/8" push on & lock hose barb	case hardened steel drag guard

### M-STYLE PLUGS

Part No.	Connection	Note
<b>726</b>	1/8" NPT male	
<b>729</b>	1/8" NPT female	
<b>727 / S 727</b>	1/4" NPT male	2/cd
<b>728 / S 728</b>	1/4" NPT female	2/cd
<b>731</b>	.305-32 female re-cap	
<b>732 / S 732</b>	3/8" NPT female	2/cd
<b>733 / S 733</b>	3/8" NPT male	2/cd
<b>736</b>	1/4" hose barb	
<b>736-6</b>	3/8" hose barb	
<b>1736-4</b>	1/4" push on & lock hose barb	
<b>1736-6</b>	3/8" push on & lock hose barb	

Replacement parts M-style:

- 701** M-STYLE COUPLER REPAIR KIT  
**768** M-STYLE SYNTHETIC WASHER



**711**



**715**  
**718**



**716**  
**719**



**755**



**756**



**713**



**1717-4**  
**1717-6**



**714**



**717**  
**717-6**



**726**  
**727**  
**733**



**728**  
**729**  
**731**  
**732**



**736**  
**736-6**



**1736-4**  
**1736-6**



**1833**  
**1835**

**1834**  
**1836**



**1837-6**

**1838**  
**1840**

**1837**  
**1839**



**1836-6**

**1796-6**

**1797-6**



**1813**  
**1815**

**1814**  
**1816**



**1855**  
**1857**  
**1859**

**1858**  
**1860**

## H-STYLE INDUSTRIAL INTERCHANGE SERIES 3/8" BASIC SIZE

- H-style coupler bodies steel, plated to resist rust
- H-style plugs are case hardened steel plated to resist rust
- Maximum inlet pressure: 300 PSI
- Maximum temperature: 250° F
- Air flow: 67 SCFM
- Seals: Buna-N

WARNING: COUPLERS IN THIS SECTION ARE FOR USE WITH SHOP AIR ONLY.

## H-STYLE COUPLERS

Part No.	Connection
<b>1833 / S 1833</b>	1/4" NPT female
<b>1834</b>	1/4" NPT male
<b>1835 / S 1835</b>	3/8" NPT female
<b>1836 / S 1836</b>	3/8" NPT male
<b>1836-6</b>	3/8" hose barb
<b>1796-6</b>	3/8" push on & lock hose barb

## H-STYLE PLUGS

Part No.	Connection	Note
<b>1839 / S 1839</b>	1/4" NPT male	2/cd
<b>1840 / S 1840</b>	1/4" NPT female	2/cd
<b>1837 / S 1837</b>	3/8" NPT male	2/cd
<b>1838 / S 1838</b>	3/8" NPT female	2/cd
<b>1837-6</b>	3/8" hose barb	
<b>1797-6</b>	3/8" push on & lock hose barb	

Replacement parts H-style:

**1831** H-STYLE COUPLER REPAIR KIT

## G-STYLE INDUSTRIAL INTERCHANGE SERIES 1/2" BASIC SIZE

- G-style coupler bodies are steel, plated to resist rust
- G-style plugs are case hardened steel, plated to resist rust
- Maximum inlet pressure: 300 PSI
- Maximum temperature: 250° F
- Air flow: 99 SCFM
- Seals: Buna-N

WARNING: COUPLERS IN THIS SECTION ARE FOR USE WITH SHOP AIR ONLY.

## G-STYLE COUPLERS

Part No.	Connection
<b>1813</b>	3/8" NPT female
<b>1814</b>	3/8" NPT male
<b>1815 / S 1815</b>	1/2" NPT female
<b>1816 / S 1816</b>	1/2" NPT male

## G-STYLE PLUGS

Part No.	Connection
<b>1855</b>	1/4" NPT male
<b>1859</b>	3/8" NPT male
<b>1860</b>	3/8" NPT female
<b>1857</b>	1/2" NPT male
<b>1858</b>	1/2" NPT female

Note: G-style couplers will work with G-style Industrial Interchange & Parker/Tru-Flate plugs.

Replacement parts G-style:

**1811** G-SYLE COUPLER REPAIR KIT

## 700-1700-1800 series AIR COUPLERS & PLUGS



### A-STYLE ARO "210" STYLE SERIES 1/4" BASIC SIZE

- A-style couplers are push type
- A-style coupler bodies are steel, plated to resist rust
- A-style plugs are case hardened steel, plated to resist rust
- Maximum inlet pressure: 300 PSI
- Maximum temperature: 250° F
- Air flow: 34 SCFM
- Seals: Buna-N

WARNING: COUPLERS IN THIS SECTION ARE FOR USE WITH SHOP AIR ONLY.

### A-STYLE COUPLERS

Part No.	Connection
<b>775 / S 775</b>	1/4" NPT female
<b>776 / S 776</b>	1/4" NPT male
<b>776-4</b>	1/4" hose barb
<b>776-6</b>	3/8" hose barb
<b>1776-4</b>	1/4" push on & lock hose barb
<b>1776-6</b>	3/8" push on & lock hose barb

### A-STYLE PLUGS

Part No.	Connection	Note
<b>777 / S 777</b>	1/4" NPT male	2/cd
<b>778 / S 778</b>	1/4" NPT female	2/cd
<b>777-4</b>	1/4" hose barb	
<b>777-6</b>	3/8" hose barb	
<b>1777-4</b>	1/4" push on & lock hose barb	
<b>1777-6</b>	3/8" push on & lock hose barb	

### A-STYLE 1/4" COUPLER/PLUG KITS

Part No.	Contents
<b>S 772</b>	One #775 & one #777
<b>S 213</b>	One #775, one #778 & three #777, (See page 9)

### AA-ARO "310" STYLE INTERCHANGE SERIES 3/8" BASIC SIZE

- AA-style couplers are push type
- AA-style coupler bodies are heavy duty steel
- AA-style plugs are case hardened steel, plated to resist rust
- Maximum inlet pressure: 300 PSI
- Maximum temperature: 250° F
- Air flow: 59 SCFM
- Seals: Buna-N

WARNING: COUPLERS IN THIS SECTION ARE FOR USE WITH SHOP AIR ONLY.

### AA-STYLE COUPLERS

Part No.	Connection
<b>1875</b>	3/8" NPT female

### AA-STYLE PLUGS

<b>1877</b>	3/8" NPT male
<b>1878</b>	3/8" NPT female





## 700-1700-1800 series AIR COUPLERS & PLUGS



**785**      **786**  
**788**      **789**



**787**



**783**      **784**



**S 782**



**783-4**      **786-4**  
**783-6**      **786-6**



**779**      **780**      **781**



**1786-4**      **1783-4**  
**1786-6**      **1783-6**

### T-TRU-FLATE/PARKER INTERCHANGE SERIES 1/4" BASIC SIZE

- T-style coupler bodies are brass
- T-style plugs are case hardened steel, plated to resist rust
- Maximum inlet pressure: 300 PSI
- Maximum temperature: 250° F
- Air flow: 40 SCFM
- Seals: Buna-N

WARNING: COUPLERS IN THIS SECTION ARE FOR USE WITH SHOP AIR ONLY.

### T-STYLE COUPLERS

Part No.	Connection
<b>785 / S 785</b>	1/4" NPT female
<b>786 / S 786</b>	1/4" NPT male
<b>787</b>	1/4" NPT female, oversize sleeve ring
<b>788</b>	3/8" NPT female
<b>789</b>	3/8" NPT male
<b>786-4</b>	1/4" hose barb
<b>786-6</b>	3/8" hose barb
<b>1786-4</b>	1/4" push on & lock hose barb
<b>1786-6</b>	3/8" push on & lock hose barb

### T-STYLE PLUGS

Part No.	Connection	Note
<b>783 / S 783</b>	1/4" NPT male	2/cd
<b>784 / S 784</b>	1/4" NPT female	2/cd
<b>783-4</b>	1/4" hose barb	
<b>783-6</b>	3/8" hose barb	
<b>779</b>	.305"-32 female re-capper plug	
<b>780</b>	.482"-26 female re-capper plug	
<b>781</b>	.482"-26 female Re-capper plug	2 3/4" long
<b>1783-4</b>	1/4" push on & lock hose barb	
<b>1783-6</b>	3/8" push on & lock hose barb	

### T-STYLE 1/4" COUPLER/PLUG KITS

Part No.	Contents
<b>S 782</b>	One #785 & one #783
<b>S 215</b>	One #785, one #784 & three #783, page 9

Replacement parts T-style:

**768** SYNTHETIC WASHER

## 700-1700-1800 series AIR COUPLERS & PLUGS



### P-STYLE TRU-FLATE/PARKER INTERCHANGE SERIES 3/8" BASIC SIZE

- P-style coupler bodies are heavy duty steel
- P-style plugs are case hardened steel plated to resist rust
- Bodies have 8 locking balls
- Maximum inlet pressure: 300 PSI
- Maximum temperature: 250° F
- Air flow: 68 SCFM
- Seals: Buna-N

WARNING: COUPLERS IN THIS SECTION ARE FOR USE WITH SHOP AIR ONLY.

### P-STYLE COUPLER/PLUG KITS

Part No.	Contents
<b>S 1802</b>	one #1803 & one #1809 (1/4" NPT)

### P-STYLE COUPLERS

Part No.	Connection
<b>1803 / S 1803</b>	1/4" NPT female
<b>1804</b>	1/4" NPT male
<b>1805 / S 1805</b>	3/8" NPT female
<b>1806 / S 1806</b>	3/8" NPT male
<b>1806-6</b>	3/8" hose barb
<b>1746-6</b>	3/8" push on & lock hose barb

### P-STYLE PLUGS

Part No.	Connection	Description
<b>1809 / S 1809</b>	1/4" NPT male	2/cd
<b>1810 / S 1810</b>	1/4" NPT female	2/cd
<b>1807 / S 1807</b>	3/8" NPT male	2/cd
<b>1808 / S 1808</b>	3/8" NPT female	2/cd
<b>1807-6</b>	3/8" hose barb	
<b>1747-6</b>	3/8" push on & lock hose barb	

Replacement parts P-style:

**1801** P-STYLE COUPLER REPAIR KIT

### G-STYLE TRU-FLATE/PARKER INTERCHANGE SERIES 1/2" BASIC SIZE

- G-style coupler bodies are steel, plated to resist rust
- G-style plugs are case hardened steel, plated to resist rust
- Maximum inlet pressure: 300 PSI
- Maximum temperature: 250° F
- Air flow: 99 SCFM
- Seals: Buna-N

WARNING: COUPLERS IN THIS SECTION ARE FOR USE WITH SHOP AIR ONLY.

### G-STYLE COUPLERS

Part No.	Connection
<b>1813</b>	3/8" NPT female
<b>1814</b>	3/8" NPT male
<b>1815 / S 1815</b>	1/2" NPT female
<b>1816 / S 1816</b>	1/2" NPT male

### G-STYLE PLUGS

Part No.	Connection
<b>1819</b>	3/8" NPT male
<b>1820</b>	3/8" NPT female
<b>1817 / S 1817</b>	1/2" NPT male
<b>1818 / S 1818</b>	1/2" NPT female

Note: G-style couplers will work with G-style Industrial Interchange & Parker/Tru-Flate plugs.

Replacement parts G-style:

**1811** G-STYLE COUPLER REPAIR KIT



**S 1802**



**1803  
1805**



**1804  
1806**



**1806-6**



**1747-6**



**1746-6**



**1807  
1809**



**1807-6**



**1808  
1810**



**1813  
1815**



**1814  
1816**



**1817  
1819**



**1818  
1820**

## 700-1700-1800 series AIR COUPLERS & PLUGS



**764**  
**766**



**765**  
**767**



**760**  
**762**



**761**  
**763**

### **V-STYLE HI-FLOW INTERCHANGE SERIES 1/4" BASIC SIZE**

V-style specifically designed for HVLP (*High Volume Low Pressure*) applications.

- V-style couplers are push-type
- Maximum inlet pressure: 300 PSI
- Maximum temperature: 250° F
- Air flow: 74 SCFM
- Seals: Buna-N

**WARNING: COUPLERS IN THIS SECTION ARE FOR USE WITH SHOP AIR ONLY.**

### **V-STYLE HI-FLOW COUPLERS**

Part No.	Connection
<b>764 / S 764</b>	1/4" NPT female
<b>765</b>	1/4" NPT male
<b>766</b>	3/8" NPT female
<b>767</b>	3/8" NPT male

V-style couplers will accept M-style and A-style plugs, however to retain maximum flow use V-style plugs.

### **V-STYLE HI-FLOW PLUGS**

Part No.	Connection
<b>760 / S 760</b>	1/4" NPT male, 2/cd
<b>761 / S 761</b>	1/4" NPT female, 2/cd
<b>762</b>	3/8" NPT male
<b>763</b>	3/8" NPT female



### **L-STYLE LINCOLN INTERCHANGE SERIES 1/4" BASIC SIZE**

- L-style couplers are push type
- L-style couplers are steel, plated to resist rust
- L-style plugs are case hardened steel, plated to resist rust
- Maximum inlet pressure: 300 PSI
- Maximum temperature: 250° F
- Air flow: 32 SCFM
- Seals: Buna-N

WARNING: COUPLERS IN THIS SECTION ARE FOR USE WITH SHOP AIR ONLY.

### **L-STYLE COUPLERS**

Part No.	Connection
<b>790 / S 790</b>	1/4" NPT female
<b>794</b>	1/4" NPT male

### **L-STYLE PLUGS**

<b>791 / S 791</b>	1/4" NPT male	2/cd
<b>792 / S 792</b>	1/4" NPT female	2/cd



**790**

**794**



**791**

**792**

### **D-STYLE DIAMOND-U INTERCHANGE SERIES 1/4" BASIC SIZE**

- D-style couplers are steel, plated to resist rust
- D-style plugs are case hardened steel, plated to resist rust
- Maximum inlet pressure: 300 PSI
- Maximum temperature: 250° F
- Air flow: 34 SCFM
- Seals: Buna-N

### **D-STYLE COUPLERS**

Part No.	Connection
<b>795</b>	1/4" NPT female
<b>796</b>	1/4" NPT male

### **D-STYLE PLUGS**

<b>797</b>	1/4" NPT male
<b>798</b>	1/4" NPT female



**795**

**796**



**797**

**798**

WARNING: COUPLERS IN THIS SECTION ARE FOR USE WITH SHOP AIR ONLY.