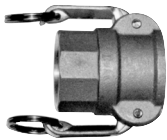
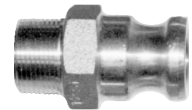


# Cam & Groove Couplers



**Available in 4 Different Materials**  
**For Use On All Types Of Hose**



## Aluminum

### MATERIAL COMPONENTS:

- Buna-N Gaskets
- Aluminum Alloy — Specially Designed for High Tensile Strength, Lightness & Rigidity
- Brass Handles
- 315 Stainless Steel Pins
- Rings made from Spring Steel and Cadmium Plated

### QUALITY CONTROL:

- Exacting Quality Control in Every Phase of Manufacturing Enables Compliance with Mil. Spec. 27487
- Interchangeable with Similar Types of Couplings That Are Manufactured to the Same Standards

### WORKING PRESSURES:

- Tightness Under Pressure and Vacuum
- Tested at 300 psi up to 4" Size; 200 psi for 6" Size

## Brass

### MATERIAL COMPONENTS:

- Buna-N Gaskets
- Brass — Specially Designed for High Tensile Strength & Rigidity
- Brass Handles for Superior Strength
- Stainless Steel Pins
- Rings made from Spring Steel and Cadmium Plated

### QUALITY CONTROL:

- Exacting Quality Control in Every Phase of Manufacturing Enables Compliance with Mil. Spec. 27487
- Interchangeable with Similar Types of Couplings That Are Manufactured to the Same Standards

### WORKING PRESSURES:

- Tested at 150 psi up to 4" Size; 75 psi for 6" Size

## Stainless Steel

### MATERIAL COMPONENTS:

- Buna-N Gaskets
- Produced in Stainless Steel 316 (ASTM A351 Grade CF8M)
- Every Melt in the Foundry is Analyzed for Chemical Composition — A Chemical Test Certificate Showing the General Composition is Available Upon Request
- 304 Stainless Steel Pins
- Sintered Stainless Handles for Superior Strength
- Rings made from Spring Steel and Cadmium Plated



### QUALITY CONTROL:

- Exacting Quality Control in Every Phase of Manufacturing Enables Compliance with Mil. Spec. 27487
- Interchangeable with Similar Types of Couplings That Are Manufactured to the Same Standards

### WORKING PRESSURES:

- Tested at 150 psi up to 4" Size

Sizes 1¼", 1½", 2", 2½", and 3" coupler parts B, C, D, and DC are supplied with a locking feature. Safety pins may be inserted to make locking handles to prevent disconnection during product transfer.

\*\*Also available in 304 Stainless Steel

## Replacement Gaskets

- Available in Buna-N (furnished as standard on parts B, C, and DC)

*Buna-N Material Good for Oil Resistance and General Purpose Usage*



**Note: Replacement handle assemblies available on request.**

## Glass-Reinforced Nylon

### MATERIAL COMPONENTS:

- Buna-N Gaskets on Parts B, C, D & DC
- Stainless Handles for Superior Strength on Some Models



### WORKING PRESSURES:

- Tested at 175 psi for ½" to 1" Size; 150 psi for 1½" to 2" Size; 125 psi for 3" Size; and 75 psi for 4" Size
- Temperature Range: -30°F to +200°F

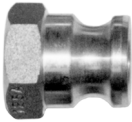
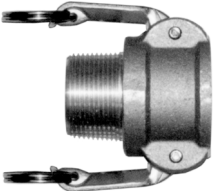
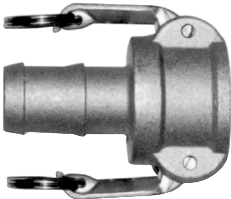
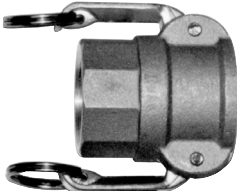
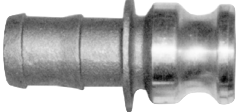
Coupler parts B, C, D, and DC are supplied with Stainless Steel handles. Use safety clips provided in handles to make locking handle.



CALL FOR PRICING

**800-627-1033**

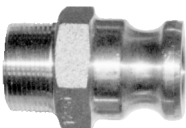
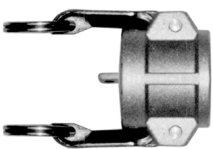
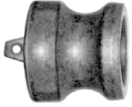
| PART NO. | SIZE | PRICE EACH |
|----------|------|------------|
| BN-34    | ¾"   | \$.50      |
| BN-1     | 1"   | \$.50      |
| BN-114   | 1¼"  | \$.55      |
| BN-112   | 1½"  | \$.55      |
| BN-2     | 2"   | \$.55      |
| BN-212   | 2½"  | \$.75      |
| BN-3     | 3"   | \$.75      |
| BN-4     | 4"   | \$1.40     |
| BN-5     | 5"   | \$2.45     |
| BN-6     | 6"   | \$2.65     |

|   | NPT & HOSE SIZE  | ALUMINUM                             |            | BRASS    |            | STAINLESS STEEL -316 |            |
|---|--|--------------------------------------|------------|----------|------------|----------------------|------------|
|   |  | PART NO.                             | PRICE EACH | PART NO. | PRICE EACH | PART NO.             | PRICE EACH |
|    | <b>PART A - Adapter X Female NPT</b>   |                                      |            |          |            |                      |            |
|   | 3/4"   | AL-A34                               | \$2.35     | BR-A34   | \$5.70     | SS-A34               | \$7.30     |
|   | 1"   | AL-A1                                | \$2.65     | BR-A1    | \$6.95     | SS-A1                | \$9.95     |
|   | 1 1/4"   | AL-A114                              | \$3.55     | BR-A114  | \$10.55    | SS-A114              | \$14.75    |
|   | 1 1/2"   | AL-A112                              | \$2.80     | BR-A112  | \$12.30    | SS-A112              | \$17.60    |
|   | 2"   | AL-A2                                | \$3.25     | BR-A2    | \$14.70    | SS-A2                | \$18.15    |
|   | 2 1/2"   | AL-A212                              | \$6.15     | BR-A212  | \$25.05    | SS-A212              | \$34.45    |
|   | 3"   | AL-A3                                | \$6.25     | BR-A3    | \$29.00    | SS-A3                | \$34.60    |
|   | 4"   | AL-A4                                | \$9.85     | BR-A4    | \$53.05    | SS-A4                | \$70.80    |
|   | 5"   | AL-A5                                | \$21.95    | BR-A5    | \$100.25   | SS-A5                | \$114.80   |
|   | 6"   | AL-A6                                | \$22.90    | BR-A6    | \$132.55   | SS-A6                | \$154.60   |
|   | 8"   | AL-A8                                | \$90.45    | N/A      | N/A        | N/A                  | N/A        |
| 8"  | AL-A8HD  | \$92.80                              | N/A        | N/A      | N/A        | N/A                  |            |
|    | <b>PART B - Coupler X Male NPT</b>   |                                      |            |          |            |                      |            |
|   | 3/4"   | AL-B34                               | \$5.25     | BR-B34   | \$10.10    | SS-B34               | \$13.00    |
|   | 1"   | AL-B1                                | \$5.70     | BR-B1    | \$12.50    | SS-B1                | \$15.70    |
|   | 1 1/4"   | AL-B114                              | \$7.00     | BR-B114  | \$17.90    | SS-B114              | \$23.35    |
|   | 1 1/2"   | AL-B112                              | \$6.90     | BR-B112  | \$19.75    | SS-B112              | \$27.55    |
|   | 2"   | AL-B2                                | \$8.30     | BR-B2    | \$24.05    | SS-B2                | \$32.95    |
|   | 2 1/2"   | AL-B212                              | \$12.25    | BR-B212  | \$34.90    | SS-B212              | \$41.70    |
|   | 3"   | AL-B3                                | \$13.15    | BR-B3    | \$48.05    | SS-B3                | \$62.00    |
|   | 4"   | AL-B4                                | \$17.00    | BR-B4    | \$72.10    | SS-B4                | \$96.80    |
|   | 5"   | AL-B5                                | \$35.25    | BR-B5    | \$154.10   | SS-B5                | \$160.70   |
|   | 6"   | AL-B6                                | \$40.30    | BR-B6    | \$188.05   | SS-B6                | \$218.10   |
|   |  | <b>PART C - Coupler X Hose Shank</b> |            |          |            |                      |            |
| 3/4"  |  | AL-C34                               | \$4.95     | BR-C34   | \$10.10    | SS-C34               | \$15.00    |
| 1"  |  | AL-C1                                | \$5.25     | BR-C1    | \$14.50    | SS-C1                | \$15.60    |
| 1 1/4"  |  | AL-C114                              | \$7.25     | BR-C114  | \$20.00    | SS-C114              | \$22.50    |
| 1 1/2"  |  | AL-C112                              | \$6.65     | BR-C112  | \$21.05    | SS-C112              | \$25.70    |
| 2"  |  | AL-C2                                | \$8.25     | BR-C2    | \$28.10    | SS-C2                | \$37.50    |
| 2 1/2"  |  | AL-C212                              | \$11.45    | BR-C212  | \$36.45    | SS-C212              | \$48.60    |
| 3"  |  | AL-C3                                | \$13.90    | BR-C3    | \$49.15    | SS-C3                | \$68.90    |
| 4"  |  | AL-C4                                | \$20.30    | BR-C4    | \$77.05    | SS-C4                | \$114.80   |
| 5"  |  | AL-C5                                | \$36.20    | BR-C5    | \$162.40   | SS-C5                | \$203.55   |
| 6"  |  | AL-C6                                | \$50.35    | BR-C6    | \$230.30   | SS-C6                | \$229.55   |
| 8"  |  | AL-C8                                | \$176.90   | N/A      | N/A        | N/A                  | N/A        |
| 8"  | AL-C8HD  | \$192.65                             | N/A        | N/A      | N/A        | N/A                  |            |
|  | <b>PART D - Coupler X Female NPT</b>   |                                      |            |          |            |                      |            |
|   | 3/4"   | AL-D34                               | \$5.45     | BR-D34   | \$10.50    | SS-D34               | \$15.00    |
|   | 1"   | AL-D1                                | \$5.90     | BR-D1    | \$12.70    | SS-D1                | \$16.05    |
|   | 1 1/4"   | AL-D114                              | \$7.70     | BR-D114  | \$20.55    | SS-D114              | \$23.65    |
|   | 1 1/2"   | AL-D112                              | \$7.40     | BR-D112  | \$19.55    | SS-D112              | \$29.85    |
|   | 2"   | AL-D2                                | \$8.90     | BR-D2    | \$24.45    | SS-D2                | \$37.50    |
|   | 2 1/2"   | AL-D212                              | \$13.00    | BR-D212  | \$35.65    | SS-D212              | \$51.30    |
|   | 3"   | AL-D3                                | \$13.10    | BR-D3    | \$45.35    | SS-D3                | \$64.30    |
|   | 4"   | AL-D4                                | \$19.55    | BR-D4    | \$75.40    | SS-D4                | \$101.80   |
|   | 5"   | AL-D5                                | \$35.10    | BR-D5    | \$149.95   | SS-D5                | \$177.55   |
|   | 6"   | AL-D6                                | \$44.85    | BR-D6    | \$217.90   | SS-D6                | \$198.95   |
|   | 8"   | AL-D8                                | \$158.05   | N/A      | N/A        | N/A                  | N/A        |
|  | <b>PART E - Adapter X Hose Shank</b>   |                                      |            |          |            |                      |            |
|   | 3/4"   | AL-E34                               | \$2.35     | BR-E34   | \$6.05     | SS-E34               | \$8.60     |
|   | 1"   | AL-E1                                | \$2.65     | BR-E1    | \$7.90     | SS-E1                | \$10.25    |
|   | 1 1/4"   | AL-E114                              | \$4.10     | BR-E114  | \$12.55    | SS-E114              | \$17.35    |
|   | 1 1/2"   | AL-E112                              | \$3.50     | BR-E112  | \$14.75    | SS-E112              | \$20.50    |
|   | 2"   | AL-E2                                | \$4.25     | BR-E2    | \$20.50    | SS-E2                | \$30.80    |
|   | 2 1/2"   | AL-E212                              | \$7.10     | BR-E212  | \$29.85    | SS-E212              | \$42.50    |
|   | 3"   | AL-E3                                | \$8.60     | BR-E3    | \$42.05    | SS-E3                | \$58.95    |
|   | 4"   | AL-E4                                | \$15.05    | BR-E4    | \$68.80    | SS-E4                | \$99.50    |
|   | 5"   | AL-E5                                | \$28.65    | BR-E5    | \$159.05   | SS-E5                | \$161.45   |
|   | 6"   | AL-E6                                | \$37.75    | BR-E6    | \$204.65   | SS-E6                | \$217.35   |
|   | 8"   | AL-E8                                | \$105.35   | N/A      | N/A        | N/A                  | N/A        |
| 8"  | AL-E8HD  | \$131.30                             | N/A        | N/A      | N/A        | N/A                  |            |

Glass-reinforced also available. Call for pricing.



7925 N. Clinton St., Fort Wayne, IN 46825 USA • Web: [www.servicesforplastics.com](http://www.servicesforplastics.com) • E-mail: [sales@servicesforplastics.com](mailto:sales@servicesforplastics.com)  
Toll Free Phone: 800-627-1033 • Fax: 800-482-4059 • Local Phone: 260-482-9211 • Fax: 260-483-8139

|  | NPT & HOSE SIZE                    | ALUMINUM |            | BRASS    |            | STAINLESS STEEL -316 |            |
|--|------------------------------------|----------|------------|----------|------------|----------------------|------------|
|  |                                    | PART NO. | PRICE EACH | PART NO. | PRICE EACH | PART NO.             | PRICE EACH |
|   | <b>PART F - Adapter X Male NPT</b> |          |            |          |            |                      |            |
|  | 3/4"                               | AL-F34   | \$2.80     | BR-F34   | \$7.50     | SS-F34               | \$9.60     |
|  | 1"                                 | AL-F1    | \$3.35     | BR-F1    | \$8.10     | SS-F1                | \$13.15    |
|  | 1 1/4"                             | AL-F114  | \$4.85     | BR-F114  | \$13.30    | SS-F114              | \$17.55    |
|  | 1 1/2"                             | AL-F112  | \$3.70     | BR-F112  | \$13.75    | SS-F112              | \$24.15    |
|  | 2"                                 | AL-F2    | \$4.50     | BR-F2    | \$19.10    | SS-F2                | \$30.85    |
|  | 2 1/2"                             | AL-F212  | \$8.10     | BR-F212  | \$31.90    | SS-F212              | \$47.55    |
|  | 3"                                 | AL-F3    | \$8.60     | BR-F3    | \$40.60    | SS-F3                | \$58.15    |
|  | 4"                                 | AL-F4    | \$13.25    | BR-F4    | \$67.10    | SS-F4                | \$106.75   |
| 5"   | AL-F5                              | \$26.35  | BR-F5      | \$130.05 | SS-F5      | \$171.40             |            |
| 6"   | AL-F6                              | \$33.40  | BR-F6      | \$180.60 | SS-F6      | \$229.55             |            |
|   | <b>PART DC - Dust Cap</b>          |          |            |          |            |                      |            |
|  | 3/4"                               | AL-DC34  | \$4.95     | BR-DC34  | \$9.60     | SS-DC34              | \$9.30     |
|  | 1"                                 | AL-DC1   | \$5.20     | BR-DC1   | \$12.30    | SS-DC1               | \$13.65    |
|  | 1 1/4"                             | AL-DC114 | \$7.80     | BR-DC114 | \$16.15    | SS-DC114             | \$18.20    |
|  | 1 1/2"                             | AL-DC112 | \$6.10     | BR-DC112 | \$18.10    | SS-DC112             | \$20.65    |
|  | 2"                                 | AL-DC2   | \$7.10     | BR-DC2   | \$22.55    | SS-DC2               | \$25.10    |
|  | 2 1/2"                             | AL-DC212 | \$9.55     | BR-DC212 | \$26.80    | SS-DC212             | \$39.05    |
|  | 3"                                 | AL-DC3   | \$11.05    | BR-DC3   | \$40.20    | SS-DC3               | \$49.75    |
|  | 4"                                 | AL-DC4   | \$15.35    | BR-DC4   | \$57.60    | SS-DC4               | \$65.40    |
| 5"   | AL-DC5                             | \$26.05  | BR-DC5     | \$125.95 | SS-DC5     | \$137.75             |            |
| 6"   | AL-DC6                             | \$36.20  | BR-DC6     | \$151.60 | SS-DC6     | \$179.85             |            |
|  | <b>PART DP - Dust Plug</b>         |          |            |          |            |                      |            |
|  | 3/4"                               | AL-DP34  | \$2.65     | BR-DP34  | \$5.70     | SS-DP34              | \$4.15     |
|  | 1"                                 | AL-DP1   | \$2.65     | BR-DP1   | \$7.15     | SS-DP1               | \$6.65     |
|  | 1 1/4"                             | AL-DP114 | \$3.25     | BR-DP114 | \$8.90     | SS-DP114             | \$11.45    |
|  | 1 1/2"                             | AL-DP112 | \$2.60     | BR-DP112 | \$9.30     | SS-DP112             | \$14.00    |
|  | 2"                                 | AL-DP2   | \$3.00     | BR-DP2   | \$12.85    | SS-DP2               | \$19.55    |
|  | 2 1/2"                             | AL-DP212 | \$5.85     | BR-DP212 | \$18.25    | SS-DP212             | \$27.95    |
|  | 3"                                 | AL-DP3   | \$5.85     | BR-DP3   | \$22.20    | SS-DP3               | \$31.50    |
|  | 4"                                 | AL-DP4   | \$8.05     | BR-DP4   | \$35.65    | SS-DP4               | \$58.95    |
| 5"   | AL-DP5                             | \$16.70  | BR-DP5     | \$98.60  | N/A        | N/A                  |            |
| 6"   | AL-DP6                             | \$19.50  | BR-DP6     | \$109.35 | SS-DP6     | \$159.20             |            |

Glass-reinforced also available. Call for pricing.

## Cast Aluminum Quick Couplers

Specially designed as a quick acting coupler to fit over .065 aluminum tubing for **dry pneumatic systems only**, creating a full flow system minimizing material build-up. The rubber gasket in the nut compresses around the aluminum tubing and forms a seal when it is firmly tightened. Our SH Series Tigerflex PVC suction hoses that are fitted with a part "C" or "E" can be attached to the pneumatic conveying system that is fitted with a part "BC" or "FC".

### Compression Quick Couplers



| PART NO.                 | SIZE   | PRICE EACH |
|--------------------------|--------|------------|
| <b>Type "BC" Fitting</b> |        |            |
| AL-BC112                 | 1 1/2" | \$17.35    |
| AL-BC2                   | 2"     | \$22.90    |
| AL-BC212                 | 2 1/2" | \$30.90    |
| AL-BC3                   | 3"     | \$35.60    |





| PART NO.                 | SIZE   | PRICE EACH |
|--------------------------|--------|------------|
| <b>Type "FC" Fitting</b> |        |            |
| AL-FC112                 | 1 1/2" | \$14.25    |
| AL-FC2                   | 2"     | \$17.75    |
| AL-FC212                 | 2 1/2" | \$23.85    |
| AL-FC3                   | 3"     | \$29.10    |


Also available for use with Schedule 40 Pipe. Call for pricing.

# Weld Couplings

## Socket Weld to Schedule 40 Metal Pipe

| PIPE SIZE   | ALUMINUM                       |            | STAINLESS STEEL -316 |            |          |
|---|--------------------------------|------------|----------------------|------------|----------|
|   | PART NO.                       | PRICE EACH | PART NO.             | PRICE EACH |          |
|  | <b>PART A - Male Adapter</b>   |            |                      |            |          |
|   | 1½"                            | AL-ASW112  | \$4.90               | SS-ASW112  | \$17.45  |
|   | 2"                             | AL-ASW2    | \$8.25               | SS-ASW2    | \$22.10  |
|   | 2½"                            | AL-ASW212  | \$12.60              | SS-ASW212  | \$38.20  |
|   | 3"                             | AL-ASW3    | \$14.00              | SS-ASW3    | \$41.60  |
|   | 4"                             | AL-ASW4    | \$21.65              | SS-ASW4    | \$82.30  |
|   | 5"                             | AL-ASW5    | \$31.45              | SS-ASW5    | \$131.40 |
| 6"  | AL-ASW6                        | \$39.70    | SS-ASW6              | \$171.55   |          |
|  | <b>PART D - Female Coupler</b> |            |                      |            |          |
|   | 1½"                            | AL-DSW112  | \$12.20              | SS-DSW112  | \$32.40  |
|   | 2"                             | AL-DSW2    | \$15.15              | SS-DSW2    | \$40.45  |
|   | 2½"                            | AL-DSW212  | \$24.15              | SS-DSW212  | \$55.70  |
|   | 3"                             | AL-DSW3    | \$26.20              | SS-DSW3    | \$74.90  |
|   | 4"                             | AL-DSW4    | \$36.20              | SS-DSW4    | \$109.75 |
|   | 5"                             | AL-DSW5    | \$54.15              | SS-DSW5    | \$198.10 |
| 6"  | AL-DSW6                        | \$61.95    | SS-DSW6              | \$226.25   |          |

## Butt Weld To Schedule 40 Metal Pipe and Socket Weld To Nominal OD Metal Tubing

| PIPE SIZE   | ALUMINUM                       |            | STAINLESS STEEL |            |          |
|---|--------------------------------|------------|-----------------|------------|----------|
|   | PART NO.                       | PRICE EACH | PART NO.        | PRICE EACH |          |
|  | <b>PART F - Male Adapter</b>   |            |                 |            |          |
|   | 1½"                            | AL-FBW112  | \$6.30          | SS-FBW112  | \$26.30  |
|   | 2"                             | AL-FBW2    | \$8.75          | SS-FBW2    | \$45.40  |
|   | 2½"                            | AL-FBW212  | \$17.50         | SS-FBW212  | \$51.30  |
|   | 3"                             | AL-FBW3    | \$15.05         | SS-FBW3    | \$68.30  |
|   | 4"                             | AL-FBW4    | \$21.85         | SS-FBW4    | \$126.30 |
|   | 5"                             | AL-FBW5    | \$38.45         | SS-FBW5    | \$191.60 |
| 6"  | AL-FBW6                        | \$53.15    | SS-FBW6         | \$266.95   |          |
|  | <b>PART B - Female Coupler</b> |            |                 |            |          |
|   | 1½"                            | AL-BBW112  | \$12.95         | SS-BBW112  | \$31.00  |
|   | 2"                             | AL-BBW2    | \$15.05         | SS-BBW2    | \$37.85  |
|   | 2½"                            | AL-BBW212  | \$23.05         | SS-BBW212  | \$53.25  |
|   | 3"                             | AL-BBW3    | \$25.90         | SS-BBW3    | \$70.75  |
|   | 4"                             | AL-BBW4    | \$35.50         | SS-BBW4    | \$112.35 |
|   | 5"                             | AL-BBW5    | \$46.15         | SS-BBW5    | \$164.25 |
| 6"  | AL-BBW6                        | \$63.60    | SS-BBW6         | \$239.95   |          |