

# Global Air King



The Right Connection™

# Dixon Global Air King

*Global Air King couplings are recommended for use on air lines for pneumatic equipment.*



## Features:

The maximum recommended working pressure for Dixon Air King universal couplings is up to 150 PSI at ambient temperature (70°F). Recommendations are based on the standard Natural Rubber Washer, AWR4.

## Connection:

Connections are made by pushing two Dixon Air King heads together and rotating them a quarter turn. When the fittings are properly connected an Air King safety clip will pass through at least one set of holes. Always use an Air King safety clip, cotter pin, or wire to ensure the couplings are properly connected and to keep the couplings from being accidentally disconnected.

## Disconnection:

Remove the safety clip, cotter pin or wire. Press the heads firmly together and turn them counterclockwise. The heads will then separate. **NEVER attempt to disconnect any hose while pressure is in the line.**

## Interchange:

Although Dixon Air King couplings may interchange with other manufacturers' fittings, **we do not recommend their use with other products.** Not all locking heads are made to the same standards as Dixon Air King. Use with other brands of fittings may create an unsafe condition, due to poor design or worn equipment.

## HOSE COUPLING SAFETY

- Use Dixon couplings, retention devices and accessory products **only** for their intended service.
- All recommendations of the Hose Manufacturer, and the Coupling Manufacturer, must be employed with regards to **Size, Temperature, Application, Media, and Pressure** when selecting the components for a hose assembly.
- All finished hose assemblies should be tested in accordance with the Rubber Manufacturers Association recommendations.
- All hose assemblies should be thoroughly inspected prior to each use to ensure they are undamaged, and properly coupled.
- Use safety clips on couplings, and King Safety Cables on assemblies where required by the manufacturer, as well as State and Federal regulations. (OSHA regulations may be viewed in full on the OSHA website, [www.osha.gov](http://www.osha.gov).)
- Under no circumstances should the assembly working pressure or working temperature exceed the working pressure or working temperature of the lowest rated component (coupling, clamp, ferrule, or hose).
- Call Dixon (800.355.1991) for advice on couplings, retention devices, and accessories for your application.

**SAFETY**  
**ALERT**

Male N.P.T. Ends  
Investment Cast Steel

Size	Part #	List Price
1/2"	<b>GAM2</b>	\$2.90
3/4"	<b>GAM7</b>	2.95
1"	<b>GAM12</b>	3.70



Female N.P.T. Ends  
Investment Cast Steel

Size	Part #	List Price
1/2"	<b>GAM3</b>	\$2.90
3/4"	<b>GAM8</b>	2.95
1"	<b>GAM13</b>	3.70



Hose Ends  
Investment Cast Steel

Size	Part #	List Price
1/2"	<b>GAM1</b>	\$2.75
3/4"	<b>GAM6</b>	2.80
1"	<b>GAM11</b>	3.55



See page 4 for ferrules.

Blank End  
Investment Cast Steel

Size	Part #	List Price
---	<b>GAM0</b>	\$4.00



Triple Connection  
Investment Cast Steel

Size	Part #	List Price
---	<b>GAM10</b>	\$6.05



## Ferrules Zinc Plated Carbon Steel

Offers a low profile streamline appearance with maximum retention.

- Lightweight
- Can be crimped or swaged

Size	Ferrule I.D.	Part #	List Price
1/2"	0.906	<b>CCF0906</b>	<b>\$0.90</b>
	1.120	<b>CCF1120</b>	<b>1.40</b>
3/4"	1.149	<b>CCF1149</b>	<b>1.40</b>
	1.190	<b>CCF1190</b>	<b>1.40</b>
	1.218	<b>CCF1218</b>	<b>1.40</b>
	1.246	<b>CCF1246</b>	<b>1.40</b>
	1.438	<b>CCF1438</b>	<b>2.00</b>
1"	1.469	<b>CCF1469</b>	<b>2.00</b>
	1.500	<b>CCF1500</b>	<b>2.00</b>
	1.531	<b>CCF1531</b>	<b>2.00</b>



See page 5 for crimp recommendations.

## Washers

- Same size for all coupling sizes
- Rubber temperature range: **-20°F to 160°F**
- Neoprene temperature range: **-20°F to 190°F**
- Neoprene is oil resistant

Natural Rubber Part #	List Price	Neoprene Part #	List Price
<b>AWR4</b>	<b>\$0.45</b>	<b>AWS6</b>	<b>\$0.60</b>



## Safety Clip

- Same size for all coupling sizes
- Sold only in bags of 25

Wire Dia.	Part #	List Price
.080	<b>AC1</b>	<b>\$0.25</b>



## 1/2" Global Air King Crimp Recommendations

Hose I.D.	Stem Part #	Ferrule Part #	Hose O.D.		Crimp Diameter (±0.005)	% Reduction
			Fractional	Decimal		
1/2"	<b>GAM1</b>	<b>CCF0906</b>	54/64	0.8438	0.840	15
		<b>CCF0906</b>	55/64	0.8594	0.853	15
		<b>CCF0906</b>	56/64	0.8750	0.867	15

## 3/4" Global Air King Crimp Recommendations

Hose I.D.	Stem Part #	Ferrule Part #	Hose O.D.		Crimp Diameter (±0.005)	% Reduction
			Fractional	Decimal		
3/4"	<b>GAM6</b>	<b>CCF1120</b>	1-5/64	1.0781	1.082	20
		<b>CCF1120</b>	1-6/64	1.0938	1.094	20
		<b>CCF1149</b>	1-7/64	1.1094	1.107	20
		<b>CCF1149</b>	1-8/64	1.1250	1.119	20
		<b>CCF1190</b>	1-9/64	1.1406	1.122	20
		<b>CCF1190</b>	1-10/64	1.1563	1.134	20
		<b>CCF1218</b>	1-11/64	1.1719	1.147	20
		<b>CCF1218</b>	1-12/64	1.1875	1.159	20
		<b>CCF1246</b>	1-13/64	1.2031	1.182	20
		<b>CCF1246</b>	1-14/64	1.2188	1.194	20

## 1" Global Air King Crimp Recommendations

Hose I.D.	Stem Part #	Ferrule Part #	Hose O.D.		Crimp Diameter (±0.005)	% Reduction
			Fractional	Decimal		
1"	<b>GAM11</b>	<b>CCF1438</b>	1-25/64	1.3906	1.388	20
		<b>CCF1438</b>	1-26/64	1.4063	1.400	20
		<b>CCF1469</b>	1-27/64	1.4219	1.413	20
		<b>CCF1469</b>	1-28/64	1.4375	1.425	20
		<b>CCF1500</b>	1-29/64	1.4531	1.438	20
		<b>CCF1500</b>	1-30/64	1.4688	1.450	20
		<b>CCF1531</b>	1-31/64	1.4844	1.463	20
		<b>CCF1531</b>	1-32/64	1.5000	1.475	20

Through its divisions and affiliated companies, Dixon is recognized as the premier manufacturer and supplier of hose fittings and accessories spanning a wide range of industrial uses. Dixon's reach includes products for fire protection, food, dairy processing, beverage and brewery, mobile tankers, mining, construction, chemical processing, petroleum, oilfields, refining, nuclear and manufacturing.



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## **Dixon Valve & Coupling Company**

800 High Street

Chestertown, MD 21620

Customer Service: 877.963.4966

Fax: 800.283.4966

**[www.dixonvalve.com](http://www.dixonvalve.com)**