

"Air King" 4 - Lug Quick-Acting Couplings

Malleable Iron		Brass
Size	Part #	Part #
1 1/4"	AM16	AB16~
1 1/2"	AM21	AB21~
2"	AM26	AB26
1 1/4"	AM18	AB18~
1 1/2"	AM23	AB23
2"	AM28	AB28



Hose End



Female N.P.T. End

Rubber Washers for 4-Lug	
Part #	
AWR14	
Fits all sizes	



"Boss" clamps recommended
See page 55

Rated to 150 PSI

**WARNING: MUST USE SAFETY CLIPS.
NOT TO BE USED FOR STEAM SERVICE.**



NOTE: Safety clips are same size for both 2-lug & 4-lug Universal Couplings. See page 59.
Use safety clips on all Universal Coupling applications.

Sand Blast Couplings

These fittings are designed for use on sand blast hose. Supplied with screws. Nozzle holders have 1 1/4" NPSM thread. Installation: 1) Ends of hose must be cut square to fit snug against metal end. 2) Holding hose tight to end of fitting, insert screws and turn in full, putting screw 180° from first to insure best centering. 3) After all screws have been placed, check tube opposite screws to be sure screws have not penetrated completely through. 4) On quick couplings, insert safety clips.



Quick Couplings			
Hose Size	Hose O.D.	Brass Part #	Alum. Part #
3/4"	1-1/2"	BSB75	ASB75
1"	1-7/8"	BSB100	ASB100
1-1/4"	2-5/32"	BSB125	ASB125
1-1/2"	2-3/8"	BSB150	ASB150

Nozzle Holders			
Hose Size	Hose O.D.	Brass Part #	Alum. Part #
3/4"	1-1/2"	BNH75	ANH75
1"	1-7/8"	BNH100	ANH100
1-1/4"	2-5/32"	BNH125	ANH125
1-1/2"	2-3/8"	BNH150	ANH150

Replacement Screws	
Part #	
SBGS	



Replacement Gaskets	
Black Nitrile (Standard) Part #	Urethane Part #
SBG	USBG

Threaded Couplings		
NPT Size	Brass Part #	Aluminum Part #
1 1/4"	BSC125	ASC125
1 1/2"	BSC150	ASC150

Note: Abrasive blasting equipment must have hose safety cables (page 68) or hose coupling safety locks.



"Air King" Universal Couplings

"Air King" is for Air and Water Service Only



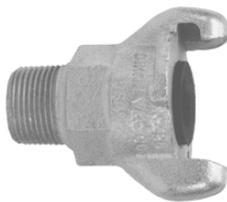
Hose Ends



Malleable Iron		Brass	316 Stain. Steel
Size	Part #	Part #	Part #
3/8"	AMH	ABH	RAMH
1/2"	AM1	AB1	RAM1
5/8"	AM5	AB5	----
3/4"	AM6	AB6	RAM6
1"	AM11	AB11	RAM11

* Prices for Universal Couplings listed above include safety clip.

Male NPT Ends



Malleable Iron		Brass	316 Stain. Steel
Size	Part #	Part #	Part #
1/4"	AMB1	ABB1	----
3/8"	AMB	ABB	RAMB
1/2"	AM2	AB2	RAM2
3/4"	AM7	AB7	RAM7
1"	AM12	AB12	RAM12

* Prices for Universal Couplings listed above include safety clip.

Female NPT Ends



Malleable Iron		Brass	316 Stain. Steel
Size	Part #	Part #	Part #
1/4"	AMC1	ABC1	----
3/8"	AMC	ABC	RAMC
1/2"	AM3	AB3	RAM3
3/4"	AM8	AB8	RAM8
1"	AM13	AB13	RAM13

* Prices for Universal Couplings listed above include safety clip.

Blank Ends



Malleable Iron	Brass	316 Stain. Steel
Part #	Part #	Part #
AM0	AB0	RAM0

* Prices for Universal Couplings listed above include safety clip.

Triple Connections



Malleable Iron	Brass
Part #	Part #
AM10	AB10

* Prices for Universal Couplings listed above include safety clip.



The Importance of "Whip Hose"

Constant vibration created by air drills, pavement breakers etc. is destructive to air hose couplings, especially the quick-acting type. To provide protection connect one end of a 3' to 10' length of air hose to the tool using the heat-treated No. 3500 Steel Nipple which withstands vibration for a longer period. Connect the other end of the whip hose to the air supply with the quick-acting coupling. Whip hose should remain permanently connected to the tool and should be the same diameter as the supply line hose.

WARNING: NEVER USE ANY "AIR KING" COUPLING FOR STEAM SERVICE! None of Dixon's catalog information is to

be interpreted to mean that this type of coupling is suitable for use on steam hose.

- The use of an "Air King" safety clip or wire type retainer is necessary to assure "Air King" universal couplings will not become accidentally disconnected. This guarantees the fittings are properly connected as pin will not go through holes in mating flanges until couplings are locked in place. Only one "Air King" safety clip or wire type retainer is required for each "Air King" universal coupling.
- Made in the USA.
- "Air King" is rated to 150 PSI at ambient temperature (70°F).
- Standard "Air King" fittings come with AWR4 washers.
- "Air King" available to meet MIL Spec. WWC - 633D - consult factory.



"Air King" Accessories

"Air King" is for Air and Water Service Only



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Part #	AC1
--------	-----

Standard Safety Clip

- Same size for all coupling sizes.



"Air King" Safety Pins

Part #	Wire Diameter
AKSP1	.058
AKSP25	.091

- Heavy duty
- Oversized



Stainless Steel Clip

Part #	AC7
--------	-----

- Same size for all coupling sizes.



Lanyards

Part #	ACL8
--------	------

- Same size for all coupling sizes.
- Synthetic cord



Part #	LR7
--------	-----

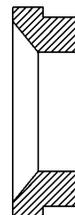
- Stainless steel cable



Part #	Description
AWR4	Black natural rubber
AWS6	Neoprene

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

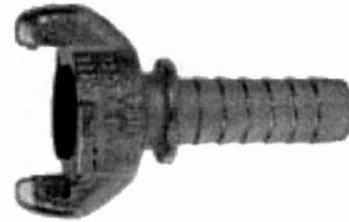


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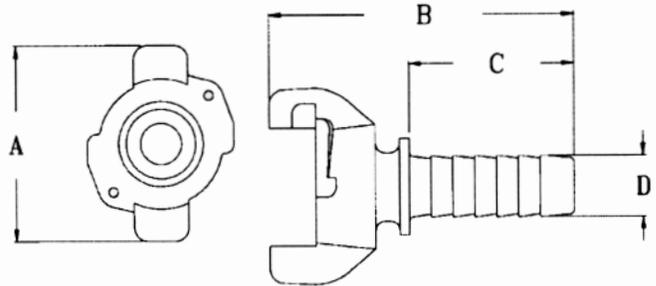
Hose Ends

Malleable Iron			Brass			316 Stainless Steel		
Part #	Size	Pkg Qty	Part #	Size	Pkg Qty	Part #	Size	Pkg Qty
AMH	3/8"	25	ABH	3/8"	25	RAMH	3/8"	25
AM1	1/2"	50	AB1	1/2"	50	RAM1	1/2"	50
AM5	5/8"	50	AB5	5/8"	50		5/8"	50
AM6	3/4"	50	AB6	3/4"	50	RAM6	3/4"	50
AM11	1"	50	AB11	1"	50	RAM11	1"	50



Dimensions

Size	A	B	C	D
3/8"	2-1/2"	3-1/2"	1-11/16"	7/16"
1/2"	2-1/2"	3-7/16"	1-5/8"	1-7/32"
5/8"	2-1/2"	4-1/4"	2-7/16"	1-1/16"
3/4"	2-1/2"	3-15/16"	2-1/8"	2-5/32"
1"	2-1/2"	4-25/32"	2-13/16"	1-1/16"



- Shanks are long and deeply corrugated.
- Available in Malleable Iron, Brass or 316 Stainless Steel (5/8" not available in Stainless Steel).
- Available in sizes 3/8" through 1".

All dimensions are nominal.

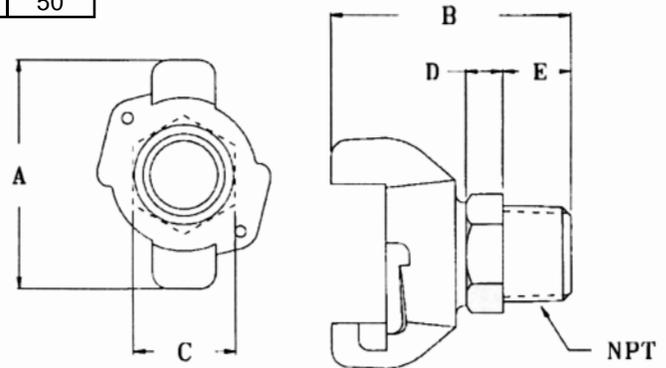
Male N.P.T. Ends

Malleable Iron			Brass			316 Stainless Steel		
Part #	Size	Pkg Qty	Part #	Size	Pkg Qty	Part #	Size	Pkg Qty
AMB1	1/4"	25	ABB1	1/4"	25		1/4"	25
AMB	3/8"	25	ABB	3/8"	25	RAMB	3/8"	25
AM2	1/2"	50	AB2	1/2"	50	RAM2	1/2"	50
AM7	3/4"	50	AB7	3/4"	50	RAM7	3/4"	50
AM12	1"	50	AB12	1"	50	RAM12	1"	50



Dimensions

Size	A	B	C	D	E	NPT
1/4"	2-1/2"	2-9/16"	1"	7/16"	5/8"	1/4"
3/8"	2-1/2"	2-9/16"	1"	7/16"	5/8"	3/8"
1/2"	2-1/2"	2-11/16"	1-1/8"	3/8"	13/16"	1/2"
3/4"	2-1/2"	2-13/16"	1-3/8"	3/8"	7/8"	3/4"
1"	2-1/2"	2-7/8"	1-1/2"	3/8"	7/8"	1"



- Male NPT thread with hex for a wrench.
- Available in Malleable Iron, Brass or 316 Stainless Steel (1/4" not available in Stainless Steel).
- Available in sizes 3/4" through 1".

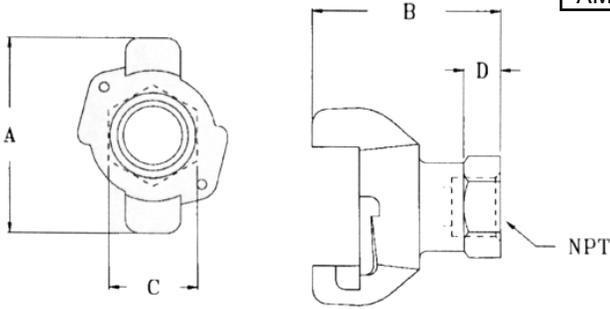
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The Importance of "Whip Hose"

Constant vibration created by air drills, pavement breakers etc. is destructive to air hose couplings, especially the quick-acting type. To provide protection connect one end of a 3' to 10' length of air hose to the tool using the heat-treated "No.3500" Steel Nipple which withstands vibration for a longer period. Connect the other end of the "Whip Hose" to the air supply with the quick-acting coupling. "Whip Hose" should remain permanently connected to the tool and should be the same diameter as the supply line hose.



Female N.P.T. Ends



All dimensions are nominal.

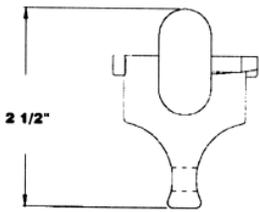
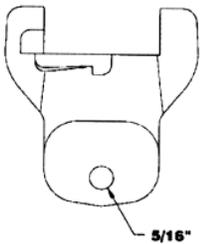
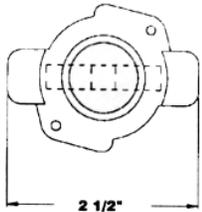
Malleable Iron			Brass			316 Stainless Steel		
Part #	Size	Pkg Qty	Part #	Size	Pkg Qty	Part #	Size	Pkg Qty
AMC1	1/4"	25	ABC1	1/4"	25		1/4"	25
AMC	3/8"	25	ABC	3/8"	25	RAMC	3/8"	25
AM3	1/2"	50	AB3	1/2"	50	RAM3	1/2"	50
AM8	3/4"	50	AB8	3/4"	50	RAM8	3/4"	50
AM13	1"	50	AB13	1"	50	RAM13	1"	50

Dimensions

Size	A	B	C	D	NPT
1/4"	2-1/2"	2-7/16"	1-1/8"	3/8"	1/4"
3/8"	2-1/2"	2-7/16"	1-1/8"	3/8"	3/8"
1/2"	2-1/2"	2-17/16"	1-1/8"	3/8"	1/2"
3/4"	2-1/2"	2-1/2"	1-7/16"	3/8"	3/4"
1"	2-1/2"	2-1/16"	1-5/8"	3/8"	1"

- Female NPT thread with hex for a wrench.
- Available in Malleable Iron, Brass or 316 Stainless Steel (1/4" not available in Stainless Steel).
- Available in sizes 1/4" through 1".

Blank Ends

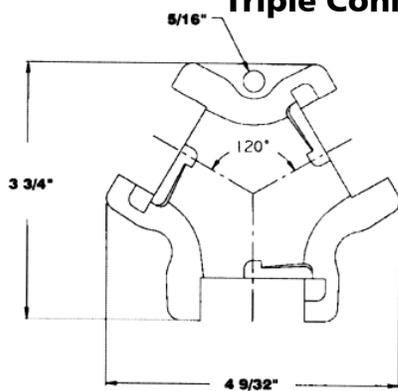
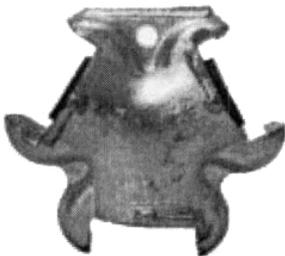


All dimensions are nominal.

Malleable Iron		Brass		316 Stainless Steel	
Part #	Pkg Qty	Part #	Pkg Qty	Part #	Pkg Qty
AM0	25	AB0	25	RAM0	25

- Blank end fittings have no outlet and are used to block the line at any coupling point.
- The end opposite the coupling head is flat, with an eye for a chain to secure the fitting when not in use.
- Available in Malleable Iron, Brass or 316 Stainless Steel.

Triple Connections



Malleable Iron		Brass	
Part #	Pkg Qty	Part #	Pkg Qty
AM10	25	AB10	25

- Triple connection consists of three universal coupling heads in a "Y" form that provides an extra outlet when connected to the line.
- Available in Malleable Iron or Brass.

"Air King" Safety Pins, Clips, Lanyards and Washers

The use of an "Air King" Safety Clip or wire type retainer is necessary to assure "Air King" Universal Couplings will not become accidentally disconnected. This guarantees the fittings are properly connected as the pin will not go through holes in mating flanges until the couplings are locked in place. Only one "Air King" Safety Clip or wire type retainer is required for each "Air King" Universal Coupling.

Air King" Safety Pins

Part #	Wire Diameter
AKSP1	.058
AKSP25	.091



- Heavy duty.
- Oversized.
- Sold only in bag of 25.

Standard Safety Pins

Part #	AC1



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

Stainless Steel Clips

Part #	AC7



- Same size for all coupling sizes.

Lanyards

Part #	ACL8



- Same size for all coupling sizes.
- Synthetic cord.
- Sold only in bag of 25.

Washers

Part #	Description
AWR4	Rubber
AWS6	Neoprene



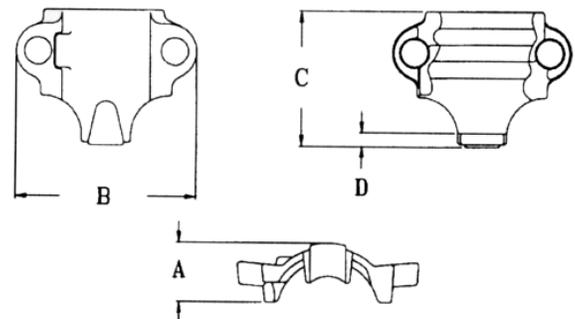
- Rubber temp. range: -20°F to 160°F.
- Neoprene temp. range: -20°F to 160°F.
- Neoprene is oil resistant.
- Same size for all coupling sizes.
- Sold only in bag of 25.

"Air King" Clamps

Part #	Size	Hose O.D.'s		Torque	Pkg Qty
		From	To		
CD	3/8"	11/16"	7/8"	6	100
A4	1/2"	1"	1-3/16"	6	50
A9	5/8"	1-1/8"	1-5/16"	12	50
A10**	3/4"	1-5/16"	1-1/2"	12	50
A14	1"	1-1/2"	1-13/16"	21	50

*Recommend Torque rating in FT. LBS.

**Can be used with AM6 & AM11.



All dimensions are nominal.

Dimensions

Size	A	B	C	D
3/8"	15/32"	1-3/8"	1-7/16"	1/8"
1/2"	11/16"	2-1/16"	1-17/32"	5/32"
5/8"	7/8"	2-1/2"	1-21/32"	1/8"
3/4"	7/8"	2-19/32"	1-15/16"	9/32"
1"	1"	3-1/32"	2-1/4"	5/32"

- Air King clamps should be used on all Air King shank fittings. Clamp fingers engage behind the universal head to anchor the coupling to the hose. The ridges on the underside provide additional retention.
- Available in Zinc plated Malleable Iron in sizes 3/8" to 1"



Plated
Malleable Iron

"Boss" Clamps

Part #	Hose O.D.		Hose I.D.	Stainless Steel		Brass	
	From:	To:	Size	Part #	Torque ³	Part #	Torque
BD	36/64"	42/64"	1/4"	----	6	---	--
CD	44/64"	56/64"	3/8"	----	6	---	--
DD	52/64"	60/64"	1/2"	----	6	---	--
B4	60/64"	1-4/64"	1/2"	RB4	12	BB4	10
B5	1-4/64"	1-12/64"	1/2"	----	12	---	--
BU9S	1-10/64"	1-18/64"	3/4"	----	21	---	--
BU9	1-12/64"	1-20/64"	3/4"	RBU9	21	BBU9	18
B9	1-20/64"	1-32/64"	3/4"	RB9	21	BB9	18
B10	1-32/64"	1-44/64"	3/4"	----	21	BB10~	--
968	58/64"	1-2/64"	1/2"	----	6	---	--
156 ¹	1-26/64"	1-36/64"	1"	----	21	---	--
BU14	1-34/64"	1-46/64"	1"	RBU14	21	BBU14	18
B14	1-44/64"	1-60/64"	1"	RB14~	21	BB14	18
B15	1-60/64"	2-8/64"	1"	----	21	---	--
BU18	1-32/64"	1-50/64"	1-1/4"	----	40	---	--
187 ¹	1-44/64"	1-56/64"	1-1/4"	----	21	---	--
BU19	1-50/64"	2-6/64"	1-1/4"	----	40	---	--
206 ¹	1-56/64"	2-4/64"	1-1/4"	----	21	---	--
B19	2-8/64"	2-24/64"	1-1/4"	RB19~	40	BB19 ^{2~}	28
BU22	1-52/64"	2"	1-1/2"	----	40	---	--
B22	2"	2-14/64"	1-1/2"	----	40	---	--
212 ¹	2"	2-8/64"	1-1/2"	----	21	---	--
225 ¹	2-4/64"	2-16/64"	1-1/2"	----	40	---	--
BU24	2-12/64"	2-24/64"	1-1/2"	RBU24	40	BBU24 ^{2~}	28
B24	2-24/64"	2-36/64"	1-1/2"	RB24	40	---	--
B25	2-36/64"	2-48/64"	1-1/2"	----	40	---	--
250 ¹ †	2-16/64"	2-32/64"	2"	----	40	---	--
BU28	2-22/64"	2-34/64"	2"	----	60	---	--
275 ¹ †	2-32/64"	2-48/64"	2"	----	40	---	--
BU29	2-32/64"	2-50/64"	2"	RBU29	60	BBU29 ^{2~}	40
B29	2-48/64"	3-4/64"	2"	RB29	60	BB29 ^{2~}	40
306 ¹ †	2-48/64"	3-4/64"	2"	----	60	---	--
B30	3-6/64"	3-28/64"	2"	----	60	---	--
350 ¹	3-4/64"	3-32/64"	2-1/2"	----	60	---	--
BU34	3-6/64"	3-28/64"	2-1/2"	----	60	---	--
B34	3-32/64"	3-60/64"	2-1/2"	----	150	---	--
375 ¹	3-32/64"	3-48/64"	3"	----	60	---	--
BU35	3-32/64"	3-60/64"	3"	RBU35	150	---	--
401 ¹	3-48/64"	4"	3"	----	150	---	--
B35	3-52/64"	4-4/64"	3"	----	150	---	--
418 ¹	4"	4-12/64"	3"	----	200	---	--
B39	4-4/64"	4-28/64"	3"	----	200	---	--
450 ¹	4-12/64"	4-32/64"	3"	----	200	---	--



2-Bolt Type



**4-Bolt Type
2 Gripping Fingers**



**4-Bolt Type
4 Gripping Fingers¹**

- ¹ 4 gripping fingers
² Will become obsolete as inventory is depleted.
³ Torque applies to plated malleable iron and stainless steel clamps
† Not to be used with GF81, GB26, WF81, B26, RGF81, RGB26, BGF81, BGB26, RWF81, RB26

- The bolts used in the "Boss" interlocking clamps are not standard bolts. They vary from standard bolts in their length, diameter, overall thread length and material hardness. These bolts can be retorqued, but it is not recommended that they be reused, as they are designed for a single bend only. Dixon recommends using only factory supplied replacement bolts.
- Torque values for clamps are based on "dry bolts". The use of lubricant on bolts will adversely effect clamp performance.
- See page 385 for Fraction to Decimal conversion chart.
- Do not lubricate nuts and bolts.
- Recommended torque rating in FT. LBS.

SAFETY
ALERT



"Boss" Clamps



**Three Piece
6-Bolt Type**

Hose I.D.	Hose O.D.		Plated Malleable Iron		
	Size	From:	To:	Part #	Qty
3"	4-16/64"	4-52/64"	BS39	2	150
4"	4-40/64"	5"	B45	2	150
4"	4-56/64"	5-16/64"	BS49	2	200
4"	5-16/64"	5-38/64"	BU49	2	200
4"	5-34/64"	5-60/64"	B49	2	200
6"	6-56/64"	7-24/64"	750	1	200
6"	7-32/64"	8"	850~	1	200

- The bolts used in the "Boss" interlocking clamps are not standard bolts. They vary from standard bolts in their length, diameter, overall thread length and material hardness. These bolts can be retorqued, but it is not recommended that they be reused, as they are designed for a single bend only. Dixon recommends using only factory supplied replacement bolts.
- Torque values for clamps are based on "dry bolts". The use of lubricant on bolts will adversely effect clamp performance.
- See page 385 for Fraction to Decimal conversion chart.
- Do not lubricate nuts and bolts.
- Recommended torque rating in FT. LBS.



Ground Joint Air Hammer Couplings

Ground Joint Type - rounded steel head of stem fits concave inserts in spuds for superior sealing. Use with "Boss" clamp.



Hose I.D. & NPT Sizes	Coarse Spud Nut Thread
1/2" Compact	1-31/64" O.D. x 8 T.P.I.
3/4" Compact	8 T.P.I.
3/4" Heavy	1-47/64" O.D. x 8 T.P.I.
1" Heavy	8 T.P.I.

Complete Female
Part #
GDF6
GDF8
GDF10
GDF12

Plated Steel Stem
Part #
GBA45
GBA46
GBB18
GBB11

Malleable Wing Nut
Part #
J47
J47
DLB12
DLB12



Hose I.D. & NPT Sizes
1/2" Compact
3/4" Compact
3/4" Heavy
1" Heavy

Female Spud Plated Steel w/ Copper Seat
Part #
GJ65
GJ55
GDL8
GDL13

Male Spud Plated Steel w/ Copper Seat
Part #
GJ60
GJ50
GDL7
GDL10

Double Spud Plated Steel w/ Copper Seat
Part #
GJ75
GJ75
GDL25
GDL25



Hose Accessories