

Dixon Boss Claw Coupling Products

AIR HOSE COUPLINGS – This form of energy can be one of the most dangerous because it is used in so many applications and, when mishandled, can have more serious results than fluids. Air, as a gas, is compressible (fluids press only against hose or vessel walls and lose little volume under pressure). When pressurised air releases suddenly, it does so with explosive force and can cause rapid hose whip, which can do serious harm to personnel or damage nearby objects. This is why the selection of the proper hose and coupling for air lines is so important, along with the proper installation and maintenance. Never take for granted that a coupling is installed properly or a clamp fully tightened on an air hose – check it regularly and use safety devices.

Air King universal couplings can be recommended for 10 Bar (150 PSI) working pressure at ambient temperature (21°C/70°F). It is recommended that Air King safety clips or wire restrainers are used to avoid accidental disconnection. Also a whipcheck should be standard practice on the supply end of the hose. Boss or Air King interlocking type bolt clamps should be used and both components of an Air King assembly should be Dixon products standard Air King fittings that are fitted with AWR4 washers.



Hose end

Size	Material	Part No.
3/8"	Malleable Iron	AMH
1/2"	Malleable Iron	AM1
5/8"	Malleable Iron	AM5
3/4"	Malleable Iron	AM6
1"	Malleable Iron	AM11
3/8"	Brass	ABH
1/2"	Brass	AB1

Size	Material	Part No.
5/8"	Brass	AB5
3/4"	Brass	AB6
1"	Brass	AB11
1/2"	316 Stainless Steel	RAM1
3/4"	316 Stainless Steel	RAM6
1"	316 Stainless Steel	RAM11

Male NPT End

Size	Material	Part No.
1/4"	Malleable Iron	AMB1
3/8"	Malleable Iron	AMB
1/2"	Malleable Iron	AM2
3/4"	Malleable Iron	AM7
1"	Malleable Iron	AM12
1/4"	Brass	ABB1
3/8"	Brass	ABB

Size	Material	Part No.
1/2"	Brass	AB2
3/4"	Brass	AB7
1"	Brass	AB12
1/2"	316 Stainless Steel	RAM2
3/4"	316 Stainless Steel	RAM7
1"	316 Stainless Steel	RAM12

Female NPT End

Size	Material	Part No.
1/4"	Malleable Iron	AMC1
3/8"	Malleable Iron	AMC
1/2"	Malleable Iron	AM3
3/4"	Malleable Iron	AM8
1"	Malleable Iron	AM13
1/4"	Brass	ABC1
3/8"	Brass	ABC

Size	Material	Part No.
1/2"	Brass	AB3
3/4"	Brass	AB8
1"	Brass	AB13
1/2"	316 Stainless Steel	RAM3
3/4"	316 Stainless Steel	RAM8
1"	316 Stainless Steel	RAM13

Air King Universal Swivels

Size	Part No.
1/2" Male NPT	AM2 SWIV
3/4" Hose End	AM6 SWIV
3/4" Male NPT	AM7 SWIV
3/4" Female NPT	AM8 SWIV

Safety Clips

Description	Part No.
Safety clips (in bags of 25)	AC1
Same size for all coupling sizes	

Lanyards

Description	Part No.
Stainless Steel	LR7
Synthetic cord (in bags of 25)	ACL8
Same size for all coupling sizes	