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## Quick Release Couplings - N Series Bowes/MacDonald Interchange

- Dual-guide sleeve tabs will ensure smooth collar action during connection and disconnection
- Convenient 'Push-Twist and Click' connection provides a positive locking condition while connected
- Pneumatically energised seal provides an airtight seal at all working pressures
- Optional safety-lock ring protects against accidental disconnection while coupling is in operation
- Highly versatile selection of end connections and body materials, as well as an available valved coupler option



PERFORMANCE SPECIFICATIONS	OPERATING BAR (psi)	BURST BAR (psi)	FLOW ΔP=0.4 BAR (6.9 BAR INLET)	LOCKING MECHANISM
3/8"	21 (300)	207 (3,000)	84 CFM	Latch Tabs
1/2"	21 (300)	207 (3,000)	250 CFM	Latch Tabs
1 1/4"	21 (300)	103 (1,500)	700 CFM	Latch Tabs

INTERCHANGE STANDARDS	US MILITARY	US GOVERNMENT	INTERNATIONAL STANDARDS	ANSI/NFPA
1/2"	MIL-C-3486	A-A-50431A	-	-

'N' SERIES INTERCHANGE	BOWES	NATIONAL	MACDONALD	DIXON
3/8"	-	-	-	-
1/2"	51000 Series	Series 'B'	Quick-Action	Dixlock
1 1/4"	51000 Series	-	-	-



(Male Thread)

N-SERIES (MINI-BOWES) INTERCHANGE (COUPLER)			
PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
3NM4	3/8"	1/2"-14 NPTF	steel
3NBM4	3/8"	R1/2" BSPT	steel



(Male Thread)

N-SERIES (MINI-BOWES) INTERCHANGE (NIPPLE)			
PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
N3M4	3/8"	1/2"-14 NPTF	steel
N3BM4	3/8"	R1/2" BSPT	steel



(Collar Barb)

N-SERIES (MINI-BOWES) INTERCHANGE (COUPLER)			
PART NO.	BODY SIZE	BARB CONFIGURATION	BODY MATERIAL
3NCS4	3/8"	1/2" Collar Barb	steel



(Collar Barb)

### N-SERIES (MINI-BOWES) INTERCHANGE (NIPPLE)

PART NO.	BODY SIZE	BARB CONFIGURATION	BODY MATERIAL
N3CS4	3/8"	1/2" Collar Barb	steel



(Female Thread)

### N-SERIES MACDONALD INTERCHANGE (UNVALVED COUPLER)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
4NF3	1/2"	3/8"-18 NPTF	steel
4NF3-B	1/2"	3/8"-18 NPTF	brass
4NBF3	1/2"	G3/8" BSPP	steel
4NF4	1/2"	1/2"-14 NPTF	steel
4NF4-B	1/2"	1/2"-14 NPTF	brass
4NBF4	1/2"	G1/2" BSPP	steel
4NBF4-B	1/2"	G1/2" BSPP	brass
4NF6	1/2"	3/4"-14 NPTF	steel
4NF6-B	1/2"	3/4"-14 NPTF	brass
4NF6-S	1/2"	3/4"-14 NPTF	303 SS
4NBF6	1/2"	G3/4" BSPP	steel
4NBF6-B	1/2"	G3/4" BSPP	brass
4NF8	1/2"	1"-11 1/2 NPTF	steel
4NF8-B	1/2"	1"-11 1/2 NPTF	brass
4NBF8	1/2"	G1" BSPP	steel
4NBF8-B	1/2"	G1" BSPP	brass



(Female Thread)

### N-SERIES MACDONALD INTERCHANGE (VALVED COUPLER)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
4NF6-V	1/2"	3/4"-14 NPTF	steel
4NBF6-V	1/2"	G3/4" BSPP	steel



(Female Thread)

### N-SERIES MACDONALD INTERCHANGE (NIPPLE)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
N4F3	1/2"	3/8"-18 NPTF	steel
N4F3-B	1/2"	3/8"-18 NPTF	brass
N4BF3	1/2"	G3/8" BSPP	steel
N4F4	1/2"	1/2"-14 NPTF	steel
N4F4-B	1/2"	1/2"-14 NPTF	brass
N4BF4	1/2"	G1/2" BSPP	steel
N4BF4-B	1/2"	G1/2" BSPP	brass
N4F6	1/2"	3/4"-14 NPTF	steel
N4F6-B	1/2"	3/4"-14 NPTF	brass
N4F6-S	1/2"	3/4"-14 NPTF	303 SS
N4BF6	1/2"	G3/4" BSPP	steel
N4BF6-B	1/2"	G3/4" BSPP	brass
N4F8	1/2"	1"-11 1/2 NPTF	steel
N4F8-B	1/2"	1"-11 1/2 NPTF	brass
N4BF8	1/2"	G1" BSPP	steel
N4BF8-B	1/2"	G1" BSPP	brass



(Female Thread)

### N-SERIES MACDONALD INTERCHANGE (SAFETY-LOCK NIPPLE)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
N4F4-B-LS	1/2"	1/2"-14 NPTF	brass
N4F6-B-LS	1/2"	3/4"-14 NPTF	brass

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(Male Thread)

## N-SERIES MACDONALD INTERCHANGE (UNVALVED COUPLER)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
4NM3	1/2"	3/8"-18 NPTF	steel
4NM3-B	1/2"	3/8"-18 NPTF	brass
4NBM3	1/2"	R3/8" BSPT	steel
4NM4	1/2"	1/2"-14 NPTF	steel
4NM4-B	1/2"	1/2"-14 NPTF	brass
4NBM4	1/2"	R1/2" BSPT	steel
4NBM4-B	1/2"	R1/2" BSPT	brass
4NM6	1/2"	3/4"-14 NPTF	steel
4NM6-B	1/2"	3/4"-14 NPTF	brass
4NM6-S	1/2"	3/4"-14 NPTF	303 SS
4NBM6	1/2"	R3/4" BSPT	steel
4NBM6-B	1/2"	R3/4" BSPT	brass
4NM8	1/2"	1"-11 1/2 NPTF	steel
4NM8-B	1/2"	1"-11 1/2 NPTF	brass
4NBM8	1/2"	R1" BSPT	steel
4NBM8-B	1/2"	R1" BSPT	brass



(Male Thread)

## N-SERIES MACDONALD INTERCHANGE (VALVED COUPLER)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
4NM6-V	1/2"	3/4"-14 NPTF	steel



(Male Thread)

## N-SERIES MACDONALD INTERCHANGE (NIPPLE)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
N4M3	1/2"	3/8"-18 NPTF	steel
N4M3-B	1/2"	3/8"-18 NPTF	brass
N4BM3	1/2"	R3/8" BSPT	steel
N4M4	1/2"	1/2"-14 NPTF	steel
N4M4-B	1/2"	1/2"-14 NPTF	brass
N4BM4	1/2"	R1/2" BSPT	steel
N4BM4-B	1/2"	R1/2" BSPT	brass
N4M6	1/2"	3/4"-14 NPTF	steel
N4M6-B	1/2"	3/4"-14 NPTF	brass
N4M6-S	1/2"	3/4"-14 NPTF	303 SS
N4BM6	1/2"	R3/4" BSPT	steel
N4BM6-B	1/2"	R3/4" BSPT	brass
N4M8	1/2"	1"-11 1/2 NPTF	steel
N4M8-B	1/2"	1"-11 1/2 NPTF	brass
N4BM8	1/2"	R1" BSPT	steel
N4BM8-B	1/2"	R1" BSPT	brass



(Male Thread)

## N-SERIES MACDONALD INTERCHANGE (SAFETY-LOCK NIPPLE)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
N4M4-LS	1/2"	1/2"-14 NPTF	steel
N4M4-B-LS	1/2"	1/2"-14 NPTF	brass
N4BM4-LS	1/2"	R1/2" BSPT	steel
N4M6-LS	1/2"	3/4"-14 NPTF	steel
N4M6-B-LS	1/2"	3/4"-14 NPTF	brass
N4M6-S-LS	1/2"	3/4"-14 NPTF	303 SS
N4BM6-LS	1/2"	R3/4" BSPT	steel



(Hose Barb - now accepts light duty ferrules)

N-SERIES MACDONALD INTERCHANGE (COUPLER)			
PART NO.	BODY SIZE	BARB CONFIGURATION	BODY MATERIAL
4NS3	1/2"	3/8" Hose Barb	steel
4NS3-B	1/2"	3/8" Hose Barb	brass
4NS4	1/2"	1/2" Hose Barb	steel
4NS4-B	1/2"	1/2" Hose Barb	brass
4NS6	1/2"	3/4" Hose Barb	steel
4NS6-B	1/2"	3/4" Hose Barb	brass
4NS6-S	1/2"	3/4" Hose Barb	303 SS
4NS8	1/2"	1" Hose Barb	steel
4NS8-B	1/2"	1" Hose Barb	brass



(Hose Barb with Staked Ferrule)

N-SERIES MACDONALD INTERCHANGE (COUPLER)			
PART NO.	BODY SIZE	HOSE (ID) OD RANGE	BODY MATERIAL
4NCS4-WF43	1/2"	(1/2") 27/32" to 11/32"	steel
4NCS4-B-WF43	1/2"	(1/2") 27/32" to 11/32"	brass
4NCS6-WF63	1/2"	(3/4") 15/32" to 11/32"	steel
4NCS6-B-WF63	1/2"	(3/4") 15/32" to 11/32"	brass
4NCS6-S-WFS63	1/2"	(3/4") 15/32" to 11/32"	303 SS



(Hose Barb - now accepts light duty ferrules)

N-SERIES MACDONALD INTERCHANGE (NIPPLE)			
PART NO.	BODY SIZE	BARB CONFIGURATION	BODY MATERIAL
N4S3	1/2"	3/8" Hose Barb	steel
N4S3-B	1/2"	3/8" Hose Barb	brass
N4S4	1/2"	1/2" Hose Barb	steel
N4S4-B	1/2"	1/2" Hose Barb	brass
N4S6	1/2"	3/4" Hose Barb	steel
N4S6-B	1/2"	3/4" Hose Barb	brass
N4S6-S	1/2"	3/4" Hose Barb	303 SS
N4S8	1/2"	1" Hose Barb	steel
N4S8-B	1/2"	1" Hose Barb	brass



(Hose Barb with Staked Ferrule)

N-SERIES MACDONALD INTERCHANGE (NIPPLE)			
PART NO.	BODY SIZE	HOSE (ID) OD RANGE	BODY MATERIAL
N4CS4-WF43	1/2"	(1/2") 27/32" to 11/32"	steel
N4CS4-B-WF43	1/2"	(1/2") 27/32" to 11/32"	brass
N4CS6-WF63	1/2"	(3/4") 15/32" to 11/32"	steel
N4CS6-B-WF63	1/2"	(3/4") 15/32" to 11/32"	brass
N4CS6-S-WFS63	1/2"	(3/4") 15/32" to 11/32"	303 SS



(Hose Barb - now accepts light duty ferrules)

N-SERIES MACDONALD INTERCHANGE (SAFETY-LOCK NIPPLE)			
PART NO.	BODY SIZE	BARB CONFIGURATION	BODY MATERIAL
N4S4-LS	1/2"	1/2" Hose Barb	steel
N4S4-B-LS	1/2"	1/2" Hose Barb	brass
N4S6-LS	1/2"	3/4" Hose Barb	steel
N4S6-B-LS	1/2"	3/4" Hose Barb	brass
N4S6-S-LS	1/2"	3/4" Hose Barb	303 SS

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(Hose Barb with Staked Ferrule)

## N-SERIES MACDONALD INTERCHANGE (SAFETY-LOCK NIPPLE)

PART NO.	BODY SIZE	HOSE (ID) OD RANGE	BODY MATERIAL
N4CS4-LS-WF43	1/2"	(1/2") 27/32" to 11/32"	steel
N4CS4-B-LS-WF43	1/2"	(1/2") 27/32" to 11/32"	brass
N4CS6-LS-WF63	1/2"	(3/4") 15/32" to 11/32"	steel
N4CS6-B-LS-WF63	1/2"	(3/4") 15/32" to 11/32"	brass
N4CS6-S-LS-WFS63	1/2"	(3/4") 15/32" to 11/32"	303 SS



(Female Thread)

## N-SERIES (MEGA-BOWES) INTERCHANGE (COUPLER)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
10NF8-B	1 1/4"	1"-1 1/2" NPTF	brass
10NF10-B	1 1/4"	1 1/4"-1 1/2" NPTF	brass



(Female Thread)

## N-SERIES (MEGA-BOWES) INTERCHANGE (NIPPLE)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
N10F8-B	1 1/4"	1"-1 1/2" NPTF	brass
N10F10-B	1 1/4"	1 1/4"-1 1/2" NPTF	brass



(Male Thread)

## N-SERIES (MEGA-BOWES) INTERCHANGE (COUPLER)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
10NM8-B	1 1/4"	1"-1 1/2" NPTF	brass
10NM10-B	1 1/4"	1 1/4"-1 1/2" NPTF	brass

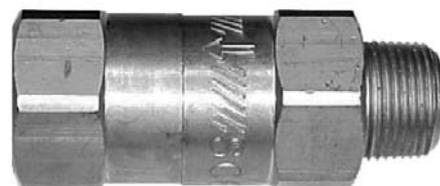


(Male Thread)

## N-SERIES (MEGA-BOWES) INTERCHANGE (NIPPLE)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
N10M8-B	1 1/4"	1"-1 1/2" NPTF	brass
N10M10-B	1 1/4"	1 1/4"-1 1/2" NPTF	brass

A Safety Check Valve, also known as an Excessive Flow Sensor should be installed at the source of supply to protect the operator in case of coupling failure or hose rupture.





### N-SERIES MACDONALD INTERCHANGE (GENDER-CHANGE UNION)

PART NO.	BODY SIZE	PART DESCRIPTION	BODY MATERIAL
4N4N	1/2"	Coupler to Coupler	steel



### N-SERIES MACDONALD INTERCHANGE (Y-COUPPLERS)

PART NO.	BODY SIZE	INLET/OUTLET CONFIGURATION	BODY MATERIAL
N4Y4N-4N	1/2"	Nipple to Couplers	steel



### N-SERIES MACDONALD INTERCHANGE (Y-NIPPLES)

PART NO.	BODY SIZE	INLET/OUTLET CONFIGURATION	BODY MATERIAL
4NYN4-N4	1/2"	Nipple to Couplers	steel



### N-SERIES MACDONALD INTERCHANGE (PROTECTIVE NIPPLE CAP)

PART NO.	BODY SIZE	PART DESCRIPTION	BODY MATERIAL
N4DC	1/2"	Nipple Dust Cap	steel
N4DC-B	1/2"	Nipple Dust Cap	brass



### N-SERIES MACDONALD INTERCHANGE (REPLACEMENT PARTS)

PART NO.	BODY SIZE	PART DESCRIPTION	PART MATERIAL
3N-SKIT	3/8"	Sealing Gasket	Nitrile
4N-SKIT	1/2"	Sealing Gasket	Nitrile
10N-SKIT	1 1/4"	Sealing Gasket	Nitrile

## Quick Release Couplings - P-Series Thor Interchange

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- Interlocking finger connection method with single or dual locking sleeves for maximum security
- Convenient 'Push-Twist and Click' connection provides a positive locking condition while connected
- Corrosion resistant steel construction and a variety of other materials available to provide additional corrosion resistance
- Optional safety-lock clip protects against accidental disconnection while coupling is in operation
- Highly versatile selection of end connections includes Female NPTF, Male NPTF and Hose barb



PERFORMANCE SPECIFICATIONS	OPERATING BAR (psi)	BURST BAR (psi)	FLOW ΔP=0.4 BAR (6.9 BAR INLET)	LOCKING MECHANISM
1/2"	21 (300)	331 (4,800)	250 CFM	Latch Fingers

'P' SERIES INTERCHANGE	THOR	NATIONAL	DIXON	
1/2"	PHC	Series 'A'	Dual-Lock	-



(Female Thread)

### P-SERIES THOR INTERCHANGE (COUPLER)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
4PF4	1/2"	1/2"-14 NPTF	steel
4PF6	1/2"	3/4"-14 NPTF	steel
4PF6-B	1/2"	3/4"-14 NPTF	brass
4PF6-S	1/2"	3/4"-14 NPTF	303 SS



(Female Thread)

### P-SERIES THOR INTERCHANGE (FLANGED-SLEEVE COUPLER)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
4PF4-FS	1/2"	1/2"-14 NPTF	steel
4PF6-FS	1/2"	3/4"-14 NPTF	steel



(Female Thread)

### P-SERIES THOR INTERCHANGE (NIPPLE)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
P4F3	1/2"	3/8"-18 NPTF	steel
P4F4	1/2"	1/2"-14 NPTF	steel
P4F4-B	1/2"	1/2"-14 NPTF	brass
P4F6	1/2"	3/4"-14 NPTF	steel
P4F6-B	1/2"	3/4"-14 NPTF	brass
P4F6-S	1/2"	3/4"-14 NPTF	303 SS
P4F8	1/2"	1"-11 1/2 NPTF	steel
P4F8-B	1/2"	1"-11 1/2 NPTF	brass



(Male Thread)

### P-SERIES THOR INTERCHANGE (COUPLER)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
4PM3	1/2"	3/8"-18 NPTF	steel
4PM4	1/2"	1/2"-14 NPTF	steel
4PM6	1/2"	3/4"-14 NPTF	steel
4PM6-S	1/2"	3/4"-14 NPTF	303 SS



(Male Thread)

### P-SERIES THOR INTERCHANGE (FLANGED-SLEEVE COUPLER)

PART NO.	BODY SIZE	THREAD SIZE	PART MATERIAL
4PM3-FS	1/2"	3/8"-18 NPTF	steel
4PM4-FS	1/2"	1/2"-14 NPTF	steel
4PM6-FS	1/2"	3/4"-14 NPTF	steel



(Male Thread)

### P-SERIES THOR INTERCHANGE (NIPPLE)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
P4M3	1/2"	3/8"-18 NPTF	steel
P4M4	1/2"	1/2"-14 NPTF	steel
P4M4-B	1/2"	1/2"-14 NPTF	brass
P4M6	1/2"	3/4"-14 NPTF	steel
P4M6-B	1/2"	3/4"-14 NPTF	brass
P4M6-S	1/2"	3/4"-14 NPTF	303 SS
P4M8	1/2"	1"-11 1/2 NPTF	steel
P4M8-B	1/2"	1"-11 1/2 NPTF	brass



(Hose Barb - now accepts light duty ferrules)

### P-SERIES THOR INTERCHANGE (COUPLER)

PART NO.	BODY SIZE	BARB CONFIGURATION	BODY MATERIAL
4PS3	1/2"	3/8" Hose Barb	steel
4PS4	1/2"	1/2" Hose Barb	steel
4PS4-B	1/2"	1/2" Hose Barb	brass
4PS6	1/2"	3/4" Hose Barb	steel
4PS6-B	1/2"	3/4" Hose Barb	brass
4PS6-S	1/2"	3/4" Hose Barb	303 SS
4PS8	1/2"	1" Hose Barb	steel
4PS8-B	1/2"	1" Hose Barb	brass

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(Hose Barb - now accepts light duty ferrules)

## P-SERIES THOR INTERCHANGE (FLANGED-SLEEVE COUPLER)

PART NO.	BODY SIZE	BARB CONFIGURATION	BODY MATERIAL
4PS3-FS	1/2"	3/8" Hose Barb	steel
4PS4-FS	1/2"	1/2" Hose Barb	steel
4PS6-FS	1/2"	3/4" Hose Barb	steel
4PS8-FS	1/2"	1" Hose Barb	steel



(Hose Barb with Staked Ferrule)

## P-SERIES THOR INTERCHANGE (COUPLER)

PART NO.	BODY SIZE	HOSE (ID) OD RANGE	BODY MATERIAL
4PCS4-WF43	1/2"	(1/2") 27/32" to 11/32"	steel
4PCS4-B-WF43	1/2"	(1/2") 27/32" to 11/32"	brass
4PCS6-WF63	1/2"	(3/4") 15/32" to 11/32"	steel
4PCS6-B-WF63	1/2"	(3/4") 15/32" to 11/32"	brass



(Hose Barb with Staked Ferrule)

## P-SERIES THOR INTERCHANGE (FLANGED-SLEEVE COUPLER)

PART NO.	BODY SIZE	HOSE (ID) OD RANGE	BODY MATERIAL
4PCS4-FS-WF43	1/2"	(1/2") 27/32" to 11/32"	steel
4PCS6-FS-WF63	1/2"	(3/4") 15/32" to 11/32"	steel

## P-SERIES THOR INTERCHANGE (REPLACEMENT PARTS)



PART NO.	BODY SIZE	PART DESCRIPTION	BODY MATERIAL
4P-SKIT	1/2"	Seal Gasket	Nitrile
4P-CLIP	1/2"	Sleeve-Lock Clip	steel
4P-CLIPS	1/2"	Spring Clip	steel

## Air King Universal Couplings

**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 physical harm to personnel or damage to nearby objects. This is why the selection of proper hose and couplings for air-lines is so important, along with their 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 (see King Cable Hose Restraint Section).

Air King universal couplings can be recommended for 10 bar (150psi) working pressure at ambient temperature (21°C / 70°F). It is recommended that an Air King safety clip or wire restrainer is used to avoid accidental disconnection. Also a King cable 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 are fitted with AWR4 washers. Air King is also available to meet MIL spec. WWC-633D.

4-lug King quick-acting couplings may only be used in conjunction with an Air King Safety Clip.

**Note: Air King is for Air and Water service only. NEVER use any “AIR KING” for STEAM SERVICE.**



MALE NPT END		
PART NO.	SIZE	MATERIAL
AMB1	1/4"	Malleable Iron
AMB	3/8"	Malleable Iron
AM2	1/2"	Investment Cast Carbon Steel
AM7	3/4"	Investment Cast Carbon Steel
AM12	1"	Investment Cast Carbon Steel
ABB1	1/4"	Brass
ABB	3/8"	Brass
AB2	1/2"	Brass
AB7	3/4"	Brass
AB12	1"	Brass
RAM2	1/2"	316 Stainless Steel
RAM7	3/4"	316 Stainless Steel
RAM12	1"	316 Stainless Steel



FEMALE NPT END		
PART NO.	SIZE	MATERIAL
AMC1	1/4"	Malleable Iron
AMC	3/8"	Malleable Iron
AM3	1/2"	Investment Cast Carbon Steel
AM8	3/4"	Investment Cast Carbon Steel
AM13	1"	Investment Cast Carbon Steel
ABC1	1/4"	Brass
ABC	3/8"	Brass
AB3	1/2"	Brass
AB8	3/4"	Brass
AB13	1"	Brass
RAM3	1/2"	316 Stainless Steel
RAM8	3/4"	316 Stainless Steel
RAM13	1"	316 Stainless Steel

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## "AIR KING" BLANK CAP

PART NO.	MATERIAL
AM0	Investment Cast Carbon Steel
AB0	Brass
RAM0	316 Stainless Steel



## "AIR KING" TRIPLE CONNECTOR

PART NO.	MATERIAL
AM10	Investment Cast Carbon Steel
AB10	Brass



## "AIR KING" UNIVERSAL SWIVELS

PART NO.	SIZE
AM2SWIV	1/2" Male NPT
AM6SWIV	3/4" Hose End
AM7SWIV	3/4" Male NPT
AM8SWIV	3/4" Female NPT



## SAFETY CLIPS

PART NO.	DESCRIPTION
AC1	SAFETY CLIPS (In bags of 25) Same size for all coupling sizes



## SAFETY CLIPS

PART NO.	DESCRIPTION
AC7	STAINLESS STEEL CLIPS Same size for all coupling sizes



LANYARDS	
PART NO.	DESCRIPTION
LR7 ACL8	<b>Stainless Steel Synthetic Cord (In bags of 25)</b> Same size for all coupling sizes



"AIR KING" CLAMPS			
PART NO.	SIZE	OD. RANGE	TORQUE (FT.LBS)
CD	3/8"	17.5 - 22.2	6
A4	1/2"	25.4 - 30.1	6
A9	3/4"	28.6 - 33.3	21
A10*	1"	33.3 - 38.1	21
A14	1"	38.1 - 46.4	21

Torque values for clamps are based on "Dry Bolts". The use of lubricant on bolts will adversely effect clamp performance. \*Can be used with AM6 and AM11 Couplings.



"AIR KING" WITH FERRULES			
PART NO.	SIZE	OD. RANGE	MATERIAL
AM1WF	1/2"	21.4 - 23.0	Malleable Iron
AM6WF	3/4"	26.9 - 34.1	Malleable Iron
AM11WF-1	1"	32.5 - 38.8	Malleable Iron
AM11WF	1"	37.3 - 43.6	Malleable Iron
RAM6WF	3/4"	26.9 - 34.1	Stainless Steel



"KING" 4 LUG QUICK-ACTING HOSE END COUPLINGS		
PART NO.	SIZE	MATERIAL
AM16	1 1/4"	Malleable Iron
AM21	1 1/2"	Malleable Iron
AM26	2"	Malleable Iron
AB16	1 1/4"	Brass
AB21	1 1/2"	Brass
AB26	2"	Brass

Must be used in conjunction with an "Air King" safety clip.



"KING" QUICK-ACTING FEMALE NPT END COUPLINGS		
PART NO.	SIZE	MATERIAL
AM18	1 1/4"	Malleable Iron
AM23	1 1/2"	Malleable Iron
AM28	2"	Malleable Iron
AB18	1 1/4"	Brass
AB23	1 1/2"	Brass
AB28	2"	Brass

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## WASHERS FOR 4-LUG

PART NO.
<b>AWR 14</b> Fits all sizes

## WASHERS FOR 2-LUG

PART NO.	DESCRIPTION
<b>AWR4*</b> <b>AWS6*</b>	Black Natural Rubber Neoprene

\*Sold only in bags of 50.



## HOSE END

PART NO.	SIZE	MATERIAL
<b>AMH</b>	3/8"	Malleable Iron
<b>AM1*</b>	1/2"	Investment Cast Carbon Steel
<b>AM5</b>	5/8"	Malleable Iron
<b>AM6*</b>	3/4"	Investment Cast Carbon Steel
<b>AM11*</b>	1"	Investment Cast Carbon Steel
<b>ABH</b>	3/8"	Brass
<b>AB1*</b>	1/2"	Brass
<b>AB5</b>	5/8"	Brass
<b>AB6*</b>	3/4"	Brass
<b>AB11*</b>	1"	Brass
<b>RAM1</b>	1/2"	316 Stainless Steel
<b>RAM6</b>	3/4"	316 Stainless Steel
<b>RAM11</b>	1"	316 Stainless Steel

\*These hose ends can now be crimped using the ferrules below.



## CRIMP FERRULES

PART NO.	SIZE	HOSE OD (INCH)	MATERIAL
<b>CCF0906</b>	1/2"	0.8438	Carbon Steel
<b>CCF0906</b>	1/2"	0.8594	Carbon Steel
<b>CCF0906</b>	1/2"	0.8750	Carbon Steel
<b>CCF1120</b>	3/4"	1.0781	Carbon Steel
<b>CCF1120</b>	3/4"	1.0938	Carbon Steel
<b>CCF1149</b>	3/4"	1.1094	Carbon Steel
<b>CCF1149</b>	3/4"	1.1250	Carbon Steel
<b>CCF1190</b>	3/4"	1.1406	Carbon Steel
<b>CCF1190</b>	3/4"	1.1563	Carbon Steel
<b>CCF1218</b>	3/4"	1.1719	Carbon Steel
<b>CCF1218</b>	3/4"	1.1875	Carbon Steel
<b>CCF1246</b>	3/4"	1.2031	Carbon Steel
<b>CCF1246</b>	3/4"	1.2188	Carbon Steel
<b>CCF1438</b>	1"	1.3906	Carbon Steel
<b>CCF1438</b>	1"	1.4063	Carbon Steel
<b>CCF1469</b>	1"	1.4219	Carbon Steel
<b>CCF1469</b>	1"	1.4375	Carbon Steel
<b>CCF1500</b>	1"	1.4531	Carbon Steel
<b>CCF1500</b>	1"	1.4688	Carbon Steel
<b>CCF1531</b>	1"	1.4844	Carbon Steel
<b>CCF1531</b>	1"	1.5000	Carbon Steel

## European Compressor Couplings and Clamps

<b>Sizes:</b>	3/8" to 1" (DN10 to DN25)						
<b>Material:</b>	Ductile Iron, Malleable Iron, Investment Cast Carbon Steel. Gold Chromate Plated						
<b>Couplings:</b>	Generally designed to interchange with DIN 3489:2001 couplings						
<b>Clamps:</b>	Generally designed to interchange with DIN 20039:1998 clamp						
<b>Pressure:</b>	<table border="0"> <tr> <td>Couplings:</td> <td>Maximum working pressure 150psi/10 Bar</td> </tr> <tr> <td>Claw Clamps:</td> <td>Maximum working pressure 360psi/25 Bar</td> </tr> <tr> <td>Non-Claw Clamp:</td> <td>Maximum working pressure 232psi/16 Bar</td> </tr> </table>	Couplings:	Maximum working pressure 150psi/10 Bar	Claw Clamps:	Maximum working pressure 360psi/25 Bar	Non-Claw Clamp:	Maximum working pressure 232psi/16 Bar
Couplings:	Maximum working pressure 150psi/10 Bar						
Claw Clamps:	Maximum working pressure 360psi/25 Bar						
Non-Claw Clamp:	Maximum working pressure 232psi/16 Bar						
<b>Threads:</b>	BSP PI. / BSPT in accordance with ISO 228						



MALE ADAPTER	
PART NO.	SIZE
QDM38M	3/8"
QDM50M	1/2"
QDM75M	3/4"
QDM100M	1"



FEMALE ADAPTER	
PART NO.	SIZE
QDF38M	3/8"
QDF50M	1/2"
QDF75M	3/4"
QDF100M	1"



HOSE END	
PART NO.	SIZE
QDHE38M	3/8" (No Collar)
QDHE50M	1/2" (No Collar)
QDHE75M	3/4" (With Collar)
QDHE100M	1" (No Collar)



WASHERS FOR 2-LUG	
PART NO.	DESCRIPTION
EAWR4*	Black Natural Rubber
AWS6*	Neoprene

Temperature Range:  
-29°C (-20°F)  
to 71°C (160°F).

\*Sold only in bags of 50.



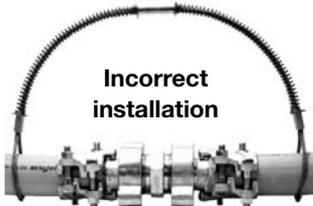
SERIES TSC - TWO-BOLT SADDLE CLAMPS (MALLEABLE IRON)		
PART NO.	SIZES	HOSE O.D. RANGE (mm)
TSC25	5/8" - 15/16"	17 - 22
TSC31	15/16" - 1 1/8"	22 - 29
TSC34	1 1/16" - 1 1/4"	27 - 32
TSC37	1 1/4" - 1 7/16"	32 - 37
TSC1305	1 1/2" - 1 15/16"	39 - 49
TSC1306	1 29/32" - 2 3/8"	48 - 60
TSC1307	2 3/8" - 3 1/64"	60 - 76
TSC1308	3 1/32" - 3 11/16"	77 - 94
TSC1309	3 11/16" - 4 1/2"	94 - 115
		<b>WITH SAFETY CLAWS</b>
TSK34	1 1/8" - 1 1/4" (Investment Cast Steel)	28 - 32

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## King Safety Cable Hose Restraint

When hose, couplings or clamps fail, or there is an accidental separation of the assembly, Dixon King Cable Hose Restraints minimise damage to equipment and injuries to personnel. Dixon King Cable Hose Restraints reaches across the hose fittings to provide standby safety for hose.

Spring-loaded loops in the cable ends open easily to pass over the couplings for a firm grip on the hose. Thoroughly tested with years of service. A positive safeguard for air hose connections – helps you to meet today's safety standards



**Incorrect installation**



**Correct Installation**

### Features:

- hose-to-hose or hose-to-rigid outlet
- King cable is the low cost answer to eliminate injuries caused by broken air
- hose connections
- highly resistant to rust and corrosion
- no tools needed - easy to install and remove
- maximum working pressure: 200 PSI



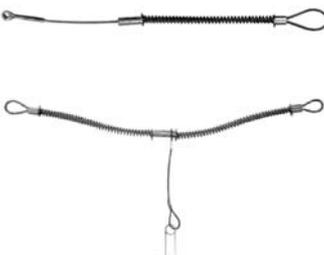
### STYLE W, FOR HOSE-TO-HOSE SERVICE

STEEL PART NO.	STAINLESS STEEL PART NO.	HOSE ID	CABLE DIAMETER	LENGTH	MAX WORKING PRESSURE
WB1	WB1SS	1/2" - 1 1/4"	1/8"	20 1/4"	200
WB3	N/A	1/2" - 2"	3/16"	28"	200
WA2	WB2SS	1 1/2" - 3"	1/4"	38 1/4"	200
WA4	N/A	4"	3/8"	44"	200



### STYLE W, FOR HOSE-TO-TOOL SERVICE

STEEL PART NO.	STAINLESS STEEL PART NO.	HOSE ID	CABLE DIAMETER	LENGTH	MAX WORKING PRESSURE
WSR1	WSR1SS	1/2" - 1 1/4"	1/8"	20 1/4"	200
WSR3	N/A	1/2" - 2"	3/16"	28"	200
WSR2	WSR2SS	1 1/2" - 3"	1/4"	38 1/4"	200
WSR4	N/A	4"	3/8"	44"	200



### KING SAFETY CABLE OPTIONS

PART NO.	CABLE DIAMETER	DESCRIPTION	MAX WORKING PRESSURE
WSR1C	1/8"	WSR1 with safety clip & lanyard used to lock Air King couplings.	200
WB1C	1/8"	WB1 with safety clip & lanyard used to lock Air King Couplings.	200
WSR1E	1/8"	WSR1 with Stainless steel safety marine eye used to connect safety cable to a bolt on tool.	200
WA2B	1/4"	WA2 with bronze/copper ferrule for special environmental conditions.e.g.mining/offshore.	200

Dixon King Cable Hose Restraints must be installed in the extended position. (No Slack)

## Blow Guns



"AIR CHIEF" SAFETY BLOW GUN	
PART NO.	SIZE
D204-30	1/4" Female NPT Inlet

"Air Chief" Safety Gun - A basic safety blow gun for general purpose use. Tip pressure will not exceed 30 psi/2 bar, yet gives a good blast of air for cleaning. The gun has a safety tip which prevents build-up of tip pressure in the event of the outlet being obstructed or "dead ended". It complies with the requirements of OSHA 1910.242lb and 1910.95 when used on airlines of 150 psi, or less.



BLOW GUN EXTENSION	
PART NO.	SIZE EXTENSION
BGE6	6"
BGE10	10"
BGE12	12"

5/16" tip facilitates use in tight places. Blow gun tip thread is 1/8" NPT.



BLOW GUN	
PART NO.	SIZE
D201	1/4" Female NPT Inlet

Rubber Tipped Blowgun - Provides leakproof seal between gun and fluid line or other opening. Also excellent for cleaning moulds or delicate surfaces where a metal tip might scratch or otherwise harm critical areas.

**CAUTION** - This blow gun does not have a safety by-pass to prevent build-up of tip pressure in the event of tip blockage. It may be used for cleaning purposes only if the air supply (inlet pressure) has been reduced to 30 psi or less.



PISTOL GRIP BLOWGUN	
PART NO.	SIZE
PG700	1/4" Female NPT Inlet

- Contoured pistol-grip for safe, comfortable handling, even with greasy hands
- Convenient "hang-up" hook
- Complies with the U.S. Dept. of Labour, OSHA Standard 1910.242(B), permitting maximum 30 psi/2 bar outlet pressure at nozzle and Standard 1910.95 regulating occupational noise level exposure
- Conforms to Title 41, Walsh-Healy Rules and Regulations P50-204.8, Safety and Health standards