

CampbellCrimpnology™ offers hose assembly systems for all your air applications:



Nitrogen Kills!

Reduce the risk of disaster! Use **UniversaLocks, Single-Locks and Double-Locks** for easy, safe, line dedication.

All three couplings meet OSHA regulation 29CFR1915.131 and MSHA 30 CFR65.13021 requirements for air hose couplings. The fine for an unpinned/unlocked air hose coupling can be \$800 or more per infraction.



UniversaLock



Patent no. 5,779,277

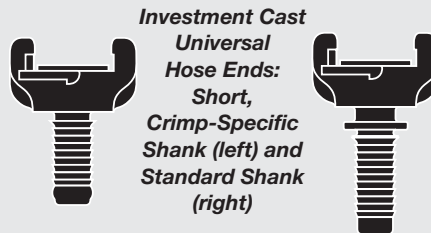
UNIVERSAL COUPLINGS AND UNIVERSALOCK™ COUPLINGS

Features & Benefits

- Mate with domestic and imported universal couplings.
- UniversaLocks automatically lock onto mating coupling.
- Interlock groove locks ferrule into place for the ultimate in holding power.
- Crimped assemblies are low profile and eliminate sharp edges from bands and bolts.
- Cast ductile iron meets ASTM A536 specification.
- Washers manufactured from nitrile for superior oil resistance

Recommended hose attachment

- Interlocking ferrules
- Preformed bands (Section I)
- Interlocking bolt clamps (Page 25)



NEW! Investment Cast Universal Hose Ends

- Investment casting provides a high quality, detailed, hose-end surface finish while eliminating the need for more costly machining.
- The performance of our Investment Cast Universal Hose Ends is equal to the performance of our machined versions, but at a lower cost.

- Standard shank Investment Cast Universal Hose Ends are for use with bands or light duty ferrules.
- The “shorty” shank model is designed specifically for crimping with light duty ferrules.

SINGLE-LOCK (Bowes-style) and DOUBLE-LOCK (Thor-style) COUPLINGS

Features & Benefits

- Automatically locks onto mate.
- Interlock groove locks ferrule into place for the ultimate in holding power.
- Crimped assemblies are low profile and eliminate sharp edges from bands and bolts.

Recommended hose attachment

- Interlocking ferrules (Section G)
- Preformed bands (Section I)

VALVELOCK COUPLINGS

Features & Benefits

- Automatically locks onto mate.
- When engaged the coupling is open.
- When disengaged the coupling shuts, exhausting air pressure on the tool side.

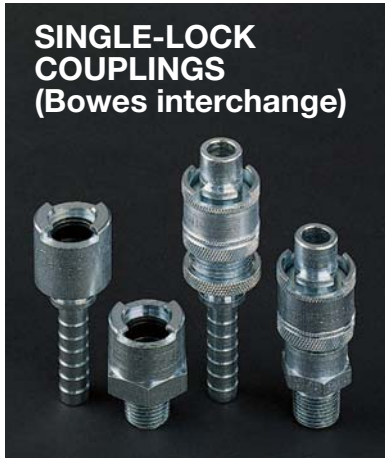
Recommended hose attachment

- Preformed bands (Section I)

MAXIMUM SYSTEM WORKING PRESSURE (PSI @ 70°F)
SEE NOTE 1

Hose System Components			Hose Size		
Fitting/Coupling	Attachment	Hose Type ²	1/2	3/4	1
UniversaLock	Ferrule	Air	300	300	300
UniversaLock	Bolt Clamp	Air	150	150	150
Universal	Ferrule	Air	150	150	150
Universal	Bolt Clamp	Air	150	150	150
Single-Lock Coupling	Ferrule	Air	300	300	300
Double-Lock Coupling	Ferrule	Air	300	300	300

See footnotes 1, 2, and 6 on Page 1



MALE HEAD X HOSE

hose size	Plated Steel		list each
	part number		
3/8	BMHS-38		22.73
1/2	BMHS-2		23.19
3/4	BMHS-3		23.19
Brass			
3/8	BMHB-38		39.04
1/2	BMHB-2		39.04
3/4	BMHB-3		39.04

MALE HEAD X MALE NPT

npt size	Plated Steel		list each
	part number		
3/8	BMMS-38		23.96
1/2	BMMS-2		23.96
3/4	BMMS-3		23.96
Brass			
3/8	BMMB-38		35.02
1/2	BMMB-2		35.02
3/4	BMMB-3		35.02

MALE HEAD X FEMALE NPT

npt size	Plated Steel		list each
	part number		
3/8	BMFS-38		23.00
1/2	BMFS-2		23.19
3/4	BMFS-3		23.19
Brass			
3/8	BMFB-38		36.52
1/2	BMFB-2		36.52
3/4	BMFB-3		36.52

FEMALE HEAD X HOSE

hose size	Plated Steel		list each
	part number		
3/8	BFHS-38		18.79
1/2	BFHS-2		18.79
3/4	BFHS-3		18.79
Brass			
3/8	BFHB-38		28.10
1/2	BFHB-2		28.10
3/4	BFHB-3		28.10

FEMALE HEAD X MALE NPT

npt size	Plated Steel		list each
	part number		
3/8	BFMS-38		18.79
1/2	BFMS-2		18.79
3/4	BFMS-3		18.79
Brass			
3/8	BFMB-38		28.10
1/2	BFMB-2		28.10
3/4	BFMB-3		28.10

FEMALE HEAD X FEMALE NPT

npt size	Plated Steel		list each
	part number		
3/8	BFFS-38		18.79
1/2	BFFS-2		18.79
3/4	BFFS-3		18.79
Brass			
3/8	BFFB-38		28.10
1/2	BFFB-2		28.10
3/4	BFFB-3		28.10

LOCKING MALE HEAD X HOSE

hose size	Plated Steel		list each
	part number		
1/2	BMHS-2L		31.77
3/4	BMHS-3L		30.94
Brass			
1/2	BMHB-2L		42.58
3/4	BMHB-3L		42.58

LOCKING MALE HEAD X MALE NPT

npt size	Plated Steel		list each
	part number		
1/2	BMMS-2L		31.77
3/4	BMMS-3L		31.77
Brass			
1/2	BMMB-2L		42.58
3/4	BMMB-3L		42.58

GASKET

size	Nitrile		list each
	part number		
ALL	BGN-1		1.35



LOCKING HOSE END

hose size	Plated Steel		list each
	part number		
3/8	TLH-38		34.21
1/2	TLH-2		34.21
3/4	TLH-3		36.14
1	TLH-4		55.06

LOCKING MALE END

npt size	Plated Steel		list each
	part number		
3/8	TLM-38		32.37
1/2	TLM-2		32.19
3/4	TLM-3		32.19

LOCKING FEMALE END

npt size	Plated Steel		list each
	part number		
1/2	TLF-2		36.85
3/4	TLF-3		36.85

MALE END

npt size	Plated Steel		list each
	part number		
3/8	TM-38		19.15
1/2	TM-2		18.79
3/4	TM-3		19.73
1	TM-4		22.12



FEMALE END



Plated Steel

npt size	part number	list each
3/8	TF-38	22.08
1/2	TF-2	23.92
3/4	TF-3	24.02
1	TF-4	26.16

GASKET



Nitrile

size	part number	list each
ALL	TGN-1	2.55

VALVE-LOCK COUPLINGS



VALVE-LOCK X HOSE END



Brass

hose size	part number	list each
3/8	VLH-38	279.53
1/2	VLH-2	280.01
3/4	VLH-3	282.24

VALVE-LOCK X MALE NPT



Brass

npt size	part number	list each
3/8	VLM-38	280.90
1/2	VLM-2	280.16
3/4	VLM-3	282.24

VALVE-LOCK X FEMALE NPT



Brass

npt size	part number	list each
3/8	VLF-38	276.86
1/2	VLV-2	279.79
3/4	VLV-3	281.74

ADAPTER X HOSE END



Brass

hose size	part number	list each
3/8	VCH-38	120.15
1/2	VCH-2	120.15
3/4	VCH-3	120.15

ADAPTER X MALE NPT



Brass

npt size	part number	list each
3/8	VCM-38	114.59
1/2	VCM-2	115.69
3/4	VCM-3	116.71

ADAPTER X FEMALE NPT



Brass

npt size	part number	list each
3/8	VCF-38	114.82
1/2	VCF-2	115.55
3/4	VCF-3	116.27

THROTTLE VALVES



FEMALE X FEMALE



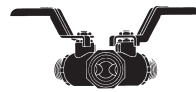
npt size	part number	list each
1/2	ADI-12	44.42
3/4	ADI-34	122.62
1	ADI-10	POR

MALE X MALE



npt size	part number	list each
1/2	ADA-12	POR
3/4	ADA-34	114.34
1	ADA-10	POR

FEMALE X DOUBLE MALE (female 1" npt)



npt size	part number	list each
1 X 3/4	DHA-10	178.64

DHA-10 has downstream venting.