

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

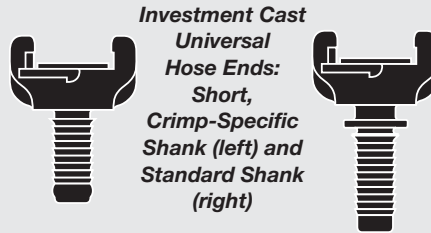
UNIVERSAL COUPLINGS AND UNIVERSALOCK™ COUPLINGS

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.

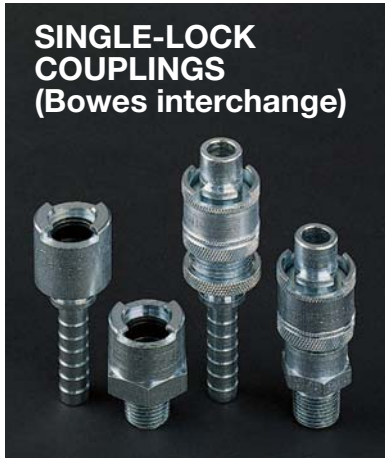
Recommended hose attachment

- 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		20.82
1/2	BMHS-2		21.24
3/4	BMHS-3		21.24
Brass			
3/8	BMHB-38		37.90
1/2	BMHB-2		37.92
3/4	BMHB-3		37.90

MALE HEAD X MALE NPT

npt size	Plated Steel		list each
	part number		
3/8	BMMS-38		21.24
1/2	BMMS-2		21.24
3/4	BMMS-3		21.24
Brass			
3/8	BMMB-38		34.00
1/2	BMMB-2		34.00
3/4	BMMB-3		34.00

MALE HEAD X FEMALE NPT

npt size	Plated Steel		list each
	part number		
3/8	BMFS-38		21.24
1/2	BMFS-2		21.24
3/4	BMFS-3		21.24
Brass			
3/8	BMFB-38		35.45
1/2	BMFB-2		35.45
3/4	BMFB-3		35.45

FEMALE HEAD X HOSE

hose size	Plated Steel		list each
	part number		
3/8	BFHS-38		17.21
1/2	BFHS-2		17.21
3/4	BFHS-3		17.21
Brass			
3/8	BFHB-38		27.28
1/2	BFHB-2		27.28
3/4	BFHB-3		27.28

FEMALE HEAD X MALE NPT

npt size	Plated Steel		list each
	part number		
3/8	BFMS-38		17.21
1/2	BFMS-2		17.21
3/4	BFMS-3		17.21
Brass			
3/8	BFMB-38		27.28
1/2	BFMB-2		27.28
3/4	BFMB-3		27.28

FEMALE HEAD X FEMALE NPT

npt size	Plated Steel		list each
	part number		
3/8	BFFS-38		17.21
1/2	BFFS-2		17.21
3/4	BFFS-3		17.21
Brass			
3/8	BFFB-38		27.28
1/2	BFFB-2		27.28
3/4	BFFB-3		27.28

LOCKING MALE HEAD X HOSE

hose size	Plated Steel		list each
	part number		
1/2	BMHS-2L		29.09
3/4	BMHS-3L		29.09
Brass			
1/2	BMHB-2L		41.34
3/4	BMHB-3L		41.34

LOCKING MALE HEAD X MALE NPT

npt size	Plated Steel		list each
	part number		
1/2	BMMS-2L		29.09
3/4	BMMS-3L		29.09
Brass			
1/2	BMMB-2L		41.34
3/4	BMMB-3L		41.34

GASKET

size	Nitrile		list each
	part number		
ALL	BGN-1		1.31



LOCKING HOSE END

hose size	Plated Steel		list each
	part number		
3/8	TLH-38		31.33
1/2	TLH-2		31.33
3/4	TLH-3		33.09
1	TLH-4		40.14

LOCKING MALE END

npt size	Plated Steel		list each
	part number		
3/8	TLM-38		29.64
1/2	TLM-2		29.48
3/4	TLM-3		29.48

LOCKING FEMALE END

npt size	Plated Steel		list each
	part number		
1/2	TLF-2		33.75
3/4	TLF-3		33.75

MALE END

npt size	Plated Steel		list each
	part number		
3/8	TM-38		17.54
1/2	TM-2		17.21
3/4	TM-3		18.07
1	TM-4		20.25



FEMALE END



Plated Steel

npt size	part number	list each
3/8	TF-38	20.22
1/2	TF-2	21.91
3/4	TF-3	22.00
1	TF-4	23.95

GASKET



Nitrile

size	part number	list each
ALL	TGN-1	1.31

VALVE-LOCK COUPLINGS



VALVE-LOCK X HOSE END



Brass

hose size	part number	list each
3/8	VLH-38	255.49
1/2	VLH-2	255.92
3/4	VLH-3	257.96

VALVE-LOCK X MALE NPT



Brass

npt size	part number	list each
3/8	VLM-38	256.74
1/2	VLM-2	256.07
3/4	VLM-3	257.96

VALVE-LOCK X FEMALE NPT



Brass

npt size	part number	list each
3/8	VLF-38	253.05
1/2	VLV-2	255.72
3/4	VLV-3	257.50

ADAPTER X HOSE END



Brass

hose size	part number	list each
3/8	VCH-38	109.82
1/2	VCH-2	109.82
3/4	VCH-3	109.82

ADAPTER X MALE NPT



Brass

npt size	part number	list each
3/8	VCM-38	104.73
1/2	VCM-2	105.74
3/4	VCM-3	106.68

ADAPTER X FEMALE NPT



Brass

npt size	part number	list each
3/8	VCF-38	104.94
1/2	VCF-2	105.61
3/4	VCF-3	106.27

THROTTLE VALVES



FEMALE X FEMALE



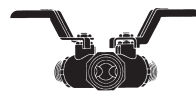
npt size	part number	list each
1/2	ADI-12	POR
3/4	ADI-34	POR
1	ADI-10	POR

MALE X MALE



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

FEMALE X DOUBLE MALE (female 1" npt)



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

DHA-10 has downstream venting.