





**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

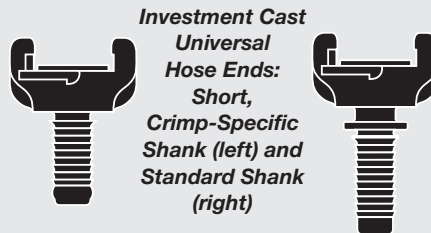
## UNIVERSAL COUPLINGS AND UNIVERSALOCK™ COUPLINGS

### 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)



*Investment Cast Universal Hose Ends: Short, Crimp-Specific Shank (left) and Standard Shank (right)*

### **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 <sup>2</sup>	1/2	3/4	1
UniversaLock <sup>5</sup>	Ferrule	Air	300	300	300
UniversaLock <sup>5</sup>	Bolt Clamp	Air	150	150	150
Universal <sup>6</sup>	Ferrule	Air	150	150	150
Universal <sup>6</sup>	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 5 on Page 1

# UNIVERSAL COUPLINGS



316 Stainless		
1/2	UFSS-2	54.74
3/4	UFSS-3	47.75
1	UFSS-4	51.10

## MALE NPT



Ductile Iron		
npt size	part number	list each
3/8	UM-38	8.42
1/2	UM-2	7.01
3/4	UM-3	7.45
1	UM-4	8.36

Brass		
3/8	UMB-38	-
1/2	UMB-2	-
3/4	UMB-3	-
1	UMB-4	-

316 Stainless		
1/2	UMSS-2	54.74
3/4	UMSS-3	47.45
1	UMSS-4	51.10

## BLANK END



Ductile Iron		
size	part number	list each
All	UB	11.84

Brass		
All	UBB	-

## THREE WAY



Ductile Iron		
size	part number	list each
All	UTW	21.87

Brass		
All	UTWB	-

## UNIVERSAL WASHER



Nitrile		
size	part number	list each
All	UG	0.64

**Never use Universal Washers in UniversaLock Couplings**

## SAFETY CLIP



size	part number	list each
All	SC	0.31

## TWO-BOLT UNIVERSAL CLAMP



Ductile Iron		
hose o.d. min to max	part no.	list each
3/4 to 15/16	UC-2	6.74
1 to 1-1/4	UC-3	6.80
1-1/4 to 1-17/32	UC-4	11.75

# UNIVERSALOCK™ COUPLINGS



## DISTRIBUTOR AUTHORIZATION

Safety is of paramount concern to everyone. Due to the volatile nature of compressed air, and in accordance with our ISO 9000 quality system, we reserve the right to restrict sales of our UniversaLock® Couplings to only those distributors authorized by Campbell Fittings.

Please contact our customer service department for more information.

## HOSE END



Ductile Iron (machined serrations)			
hose size	part number	list each	
1/2	ULH-2	23.20	
3/4	ULH-3	23.20	
1	ULH-4	23.20	

## MALE END



Ductile Iron			
npt size	part number	list each	
1/2	ULM-2	23.20	
3/4	ULM-3	23.20	
1	ULM-4	23.20	

## FEMALE END



Ductile Iron			
npt size	part number	list each	
1/2	ULF-2	23.20	
3/4	ULF-3	23.20	

## UNIVERSALOCK WASHER



Nitrile		
size	part number	list each
All	ULW	2.47

**Never use UniversaLock Washers in standard Universal Couplings**

## HOSE END



Ductile Iron (machined serrations)			
hose size	part number	list each	
3/8	UH-38	9.76	
1/2	UH-2	6.09	
5/8	UH-58	9.31	
3/4	UH-3	6.22	
1	UH-4	8.20	

Plated Steel (investment cast)			
hose size	part number	list each	
1/2	UH-2i	3.82	
3/4	UH-3i	4.48	
1	UH-4i	5.43	

Brass (machined serrations)			
3/8	UHB-38	-	
1/2	UHB-2	15.14	
5/8	UHB-58	-	
3/4	UHB-3	17.08	
1	UHB-4	22.26	

316 Stainless (machined serrations)			
1/2	UHSS-2	53.21	
3/4	UHSS-3	44.95	
1	UHSS-4	49.68	

## HOSE END (crimp specific)



Plated Steel (investment cast)			
hose size	part number	list each	
3/4	UH-3C	3.08	

## FEMALE NPT



Ductile Iron			
npt size	part number	list each	
3/8	UF-38	8.42	
1/2	UF-2	7.72	
3/4	UF-3	7.26	
1	UF-4	9.46	

Brass			
3/8	UFB-38	-	
1/2	UFB-2	-	
3/4	UFB-3	-	
1	UFB-4	-	



**SINGLE-LOCK COUPLINGS**  
(Bowes interchange)

**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
<b>Brass</b>			
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
<b>Brass</b>			
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
<b>Brass</b>			
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
<b>Brass</b>			
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
<b>Brass</b>			
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
<b>Brass</b>			
3/8	BFFB-38		27.28
1/2	BFFB-2		27.28
3/4	BFFB-3		27.28

**LOCKING MALE HEAD X HOSE**

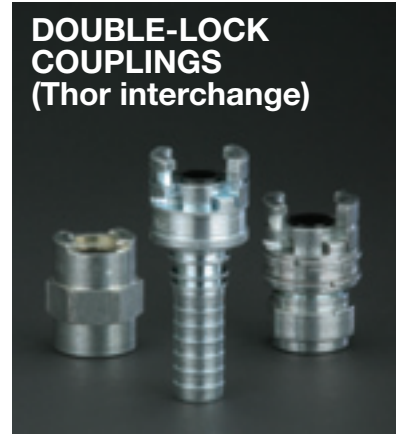
hose size	Plated Steel		list each
	part number		
1/2	BMHS-2L		29.09
3/4	BMHS-3L		29.09
<b>Brass</b>			
1/2	BMHB-2L		41.34
3/4	BMHB-3L		41.34

**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
<b>Brass</b>			
1/2	BMMB-2L		41.34
3/4	BMMB-3L		41.34

**GASKET**

size	Nitrile		list each
	part number		
ALL	BGN-1		1.31



**DOUBLE-LOCK COUPLINGS**  
(Thor interchange)

**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	VLV-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	117.24

DHA-10 has downstream venting.



**LIGHT DUTY  
 FERRULES**

**FERRULES  
 (light duty)**



**Plated Steel**

hose size	ferrule i.d.	part number	list each
1/2	58/64	FLPS050058	1.02
1/2	60/64	FLPS050060	1.02
3/4	1-8/64	FLPS075108	1.30
3/4	1-10/64	FLPS075110	1.30
3/4	1-12/64	FLPS075112	1.30
3/4	1-14/64	FLPS075114	1.30
3/4	1-16/64	FLPS075116	1.30
3/4	1-18/64	FLPS075118	1.30
1	1-28/64	FLPS100128	1.89
1	1-30/64	FLPS100130	1.89
1	1-32/64	FLPS100132	1.89
1	1-34/64	FLPS100134	1.89
1	1-36/64	FLPS100136	1.89

**304 Stainless**

1/2	58/64	FLSS050058	2.17
3/4	1-8/64	FLSS075108	2.51
3/4	1-12/64	FLSS075112	2.51
3/4	1-14/64	FLSS075114	2.51
3/4	1-16/64	FLSS075116	2.51
3/4	1-18/64	FLSS075118	2.51
1	1-28/64	FLSS100128	3.70
1	1-30/64	FLSS100130	3.70
1	1-32/64	FLSS100132	3.70
1	1-34/64	FLSS100134	3.70
1	1-36/64	FLSS100136	3.70

For a complete listing of  
 all Ferrules and Sleeves,  
 go to Section G.