

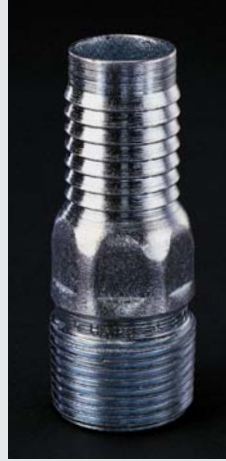
CampbellCrimpnology™ offers crimping flexibility for your multi-purpose hose applications.



COMBINATION NIPPLES AND MENDERS

Features & Benefits

- Maximum number of serrations for maximum holding power.
- Long lead serration for easier hose insertion.
- Formed hex wrench area on 3/4" through 1-1/2" combination nipples for easier installation.



Recommended Hose Attachment

- Sleeves (Section G)
- Preformed Bands (Section I)

Recommended Use

- Liquid, bulk handling, low-pressure air

SUCTION HOSE COUPLINGS

Features & Benefits

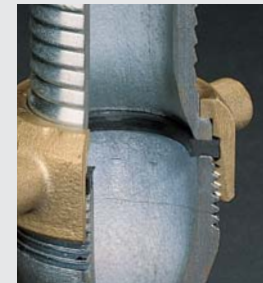
- Maximum number of serrations for maximum holding power.
- Long lead serration for easier hose insertion.
- Suction Couplings machined from pipe eliminate porosity and parting lines, improving sealing and retention.

Recommended Hose Attachment

- Sleeves (Section G)
- Preformed Bands (Section I)

Recommended Use

- Liquid, bulk handling



Manufacturing Suction Hose Couplings from pipe eliminates wide, flat mating surfaces at the male and female halves.

BALL & SOCKET COUPLINGS

Features & Benefits

- Proven, Campbell-style machined hose shank is designed for crimping (crimp specs available).
- Shank design dramatically improves sealing and retention, cuts installation time in half.
- Hose shanks are welded to ball & socket ball ends.

Recommended Hose Attachment

- Sleeves (Section G)

Recommended Use

- Water Suction/Discharge
- Sewage bypass



Bauer-style vs. Campbell Ball & Socket

MAX. 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	1-1/4	1-1/2	2	2-1/2	3	4	6	8
Combination Nipple	Short Sleeve	Rubber	400	350	300	275	250	225	210	200	175	150	100
Combination Nipple	Short Sleeve	Chemical	200	200	200	140	130	120	110	100	50	-	-
Combination Nipple	Short Sleeve	PVC	150	125	100	90	85	65	60	55	40	30	20
Suction Coupling	Short Sleeve	Rubber	-	-	-	275	250	225	210	200	175	150	100
Suction Coupling	Short Sleeve	PVC	-	-	-	90	85	65	60	55	40	-	-
Ball & Socket Coupling	Sleeve	Rubber	-	-	-	-	-	300*	-	250*	225*	140*	60*
Ball & Socket Coupling	Sleeve	PVC	-	-	-	-	-	170*	-	140*	100*	80*	50*

See footnotes 1, 2, 3 and 6 on Page 1.

*Ball & Socket safety factor is 1.5 x working pressure.

EXPANDER



Steel npt x hose	part number	list each
3/4 x 1	HES-3X4	7.67
1 x 1-1/4	HES-4X5	9.70
1-1/4 x 1-1/2	HES-5X6	10.37
1-1/2 x 2	HES-6X8	19.33
2 x 2-1/2	HES-8X10	29.67
2-1/2 x 3	HES-10X12	36.43
3 x 4	HES-12X16	73.35

Plated Steel

3/4 x 1	HEPS-3X4	8.15
1 x 1-1/4	HEPS-4X5	10.32
1-1/4 x 1-1/2	HEPS-5X6	10.84
1-1/2 x 2	HEPS-6X8	21.05
2 x 2-1/2	HEPS-8X10	30.92
2-1/2 x 3	HEPS-10X12	38.49
3 x 4	HEPS-12X16	84.21

316 Stainless

1/2 x 3/4	HESS-2X3	33.48
3/4 x 1	HESS-3X4	31.89
1 x 1-1/4	HESS-4X5	71.72
1 x 1-1/2	HESS-4X6	79.69
1-1/4 x 1-1/2	HESS-5X6	82.90
1-1/4 x 2	HESS-5X8	87.68
1-1/2 x 2	HESS-6X8	95.66
2 x 2-1/2	HESS-8X10	119.55

LONG SHANK



Steel hose size	part number	list each
1-1/4	HALS-5	18.51
1-1/2	HALS-6	21.28
2	HALS-8	26.09
2-1/2	HALS-10	46.21
3	HALS-12	48.10
4	HALS-16	68.95

Plated Steel

1-1/4	HALPS-5	18.66
1-1/2	HALPS-6	21.64
2	HALPS-8	26.47
2-1/2	HALPS-10	46.35
3	HALPS-12	48.90
4	HALPS-16	70.31

316 Stainless

1-1/4	HALSS-5	64.25
1-1/2	HALSS-6	70.83
2	HALSS-8	81.90
2-1/2	HALSS-10	115.64
3	HALSS-12	149.36
4	HALSS-16	353.53

MENDER



Steel hose size	part number	list each
3/8	HCS-38	7.34
1/2	HCS-2	6.63
3/4	HCS-3	5.39
1	HCS-4	5.50
1-1/4	HCS-5	8.42
1-1/2	HCS-6	8.25
2	HCS-8	10.89
2-1/2	HCS-10	21.05
3	HCS-12	22.13
4	HCS-16	37.45
5	HCS-20	127.35
6	HCS-24	77.86
8	HCS-32	209.48
10	HCS-40	361.17
12	HCS-48	574.28

Plated Steel

3/8	HCPS-38	7.42
1/2	HCPS-2	6.70
3/4	HCPS-3	5.44
1	HCPS-4	5.53
1-1/4	HCPS-5	8.49
1-1/2	HCPS-6	8.26
2	HCPS-8	10.96
2-1/2	HCPS-10	21.58
3	HCPS-12	22.17
4	HCPS-16	38.22
5	HCPS-20	128.90
6	HCPS-24	78.27
8	HCPS-32	209.83
10	HCPS-40	363.36
12	HCPS-48	575.31

316 Stainless

3/4	HCSS-3	56.81
1	HCSS-4	63.29
1-1/4	HCSS-5	68.17
1-1/2	HCSS-6	80.04
2	HCSS-8	81.14
3	HCSS-12	186.61
4	HCSS-16	219.08

Brass

3/4	HCB-3	14.25
1	HCB-4	14.67
1-1/4	HCB-5	23.75
1-1/2	HCB-6	38.54
2	HCB-8	42.42

TOE NIPPLES AND REDUCING NIPPLES



TOE NIPPLES



Steel npt x length	part number	list each
1/2 x 1-1/2	RN-2S	1.95
1/2 x 2	RN-2	1.95
3/4 x 1-1/2	RN-3S	2.41
3/4 x 2	RN-3	2.43
1 x 2	RN-4	3.55
1-1/4 x 2	RN-5	4.63
1-1/4 x 2-1/2	RN-5L	5.20
1-1/2 x 2	RN-6	5.53
1-1/2 x 2-1/2	RN-6L	5.91
1-1/2 x 3	RN-6XL	6.72
2 x 2	RN-8	6.89
2 x 2-1/2	RN-8L	7.66
2 x 3	RN-8XL	8.77
2-1/2 x 2-1/2	RN-10S	24.88
3 x 3	RN-12	27.95
3 x 3-1/2	RN-12L	29.96
3 x 4	RN-12XL	33.26

304 Stainless

1/2 x 1-1/2	RNS-2S	9.01
1/2 x 2	RNS-2	9.39
3/4 x 1-1/2	RNS-3S	9.56
3/4 x 2	RNS-3	9.78
1 x 2	RNS-4	14.13
1-1/4 x 2	RNS-5	14.73
1-1/4 x 2-1/2	RNS-5L	15.94
1-1/2 x 2	RNS-6	16.99
1-1/2 x 2-1/2	RNS-6L	17.24
1-1/2 x 3	RNS-6XL	18.04
2 x 2	RNS-8	23.02
2 x 2-1/2	RNS-8L	23.75
2 x 3	RNS-8XL	28.04
2-1/2 x 2-1/2	RNS-10S	66.31
3 x 3	RNS-12	70.68
3 x 3-1/2	RNS-12L	76.63
3 x 4	RNS-12XL	89.40

REDUCING NIPPLES



Steel npt x npt	part number	list each
3/4 x 1/2	NS 3-2	9.62
1 x 3/4	NS 4-3	10.30
1-1/4 x 1	NS 5-4	15.09
1-1/2 x 1-1/4	NS 6-5	16.31
2 x 1-1/2	NS 8-6	17.15
2-1/2 x 2	NS 10-8	34.30
3 x 2-1/2	NS 12-10	37.75
4 x 3	NS 16-12	60.05