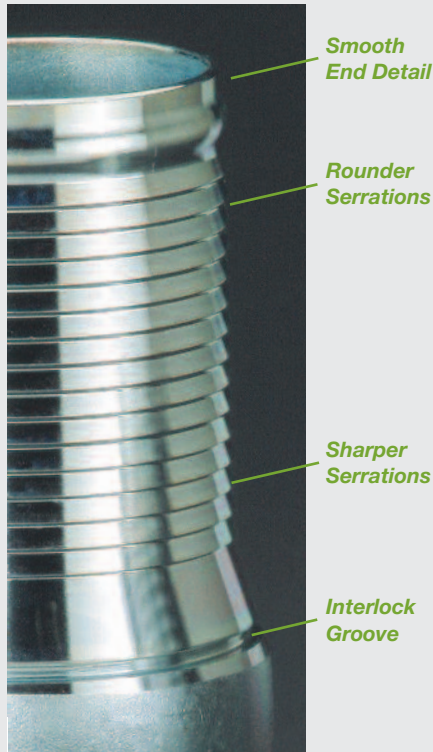




CampbellCrimpnoology™ offers crimping flexibility for your multi-purpose hose applications.



Flanges meet
ANSI/ASME B16.5 150 pound class
specifications.



Crimpnoology Nipple

CRIMPNOLOGY NIPPLES

Features & Benefits

- Designed for use with Campbell Interlocking Ferrules.
- Fittings use the same ferrules as Campbell COBRA Parts C and E, ChemJoint Couplings, and Goodyear InstaLock Cam & Groove Couplings to keep ferrule inventory low and flexible.
- Interlock groove on fitting locks ferrule into place for the ultimate in holding power.
- Graduated serration pattern (sharper near the interlock, rounder near the end, with smooth end detail to reduce potential failure caused by abrasion) grips, seals, and protects hose.
- Shank and ferrule lengths are matched for performance and to avoid potential hose tube or cover damage.
- Crimped assemblies are low profile and eliminate sharp edges from clamp buckles.

Recommended Hose Attachment

- Interlocking ferrules

Recommended Use

- Multi-purpose fluid, chemical, bulk handling

Special Features

- Crimpnology Nipples provide an excellent fitting solution for medium-pressure applications such as "Frac Hose", mud-pump hose, and other abusive applications.
- Long Shank Crimpnology Nipples provide excellent sealing and retention for high-pressure applications (See ratings chart below).

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
Crimpnoology Nipple	Ferrule	Chem/Rubber	–	–	500	350	325	300	275	250	250	225	–
Crimpnoology Nipple	Ferrule	Soft	–	–	200	175	150	150	125	100	75	–	–
Long Crimpnoology Nipple	Long Ferrule	Rubber	–	–	–	–	1000	1000	650	600	500	–	–
Crimpnoology Flange (Steel) ³	Ferrule	Chem/Rubber	–	–	–	–	285	285	275	250	250	225	–
Crimpnoology Flange (SS) ³	Ferrule	Chem/Rubber	–	–	–	–	230	230	230	230	230	–	–

See footnotes 1, 2, and 4 on Page 1

CRIMPNOLOGY NIPPLES



THREADED



Plated Steel

hose size	part number	list each
1	HAPS-4C	20.78
1-1/4	HAPS-5C	23.24
1-1/2	HAPS-6C	22.25
2	HAPS-8C	26.46
2-1/2	HAPS-10C	42.28
3	HAPS-12C	50.47
4	HAPS-16C	62.38
6	HAPS-24C	132.15

316 Stainless

hose size	part number	list each
1	HASS-4C	33.71
1-1/4	HASS-5C	47.92
1-1/2	HASS-6C	50.47
2	HASS-8C	62.43
2-1/2	HASS-10C	108.42
3	HASS-12C	133.62
4	HASS-16C	197.47
6	HASS-24C	730.10

SCH. 80 THREADED (for 400 psi frac hose)



Steel

hose size	part number	list each
4	FRAC-16C	74.00

Use only heavy duty
FRAC ferrules on page 14

SCH. 80 THREADED LONG SHANK



Steel

hose size	part number	list each
1-1/2	HALPS-6C	37.05
2	HALPS-8C	38.16
2-1/2	HALPS-10C	64.25
3	HALPS-12C	85.56
4	HALPS-16C	126.32

SQUARE CUT END



Steel

hose size	part number	list each
1-1/2	HAS-6C SQ	22.54
2	HAS-8C SQ	26.75
2-1/2	HAS-10C SQ	40.58
3	HAS-12C SQ	47.53
4	HAS-16C SQ	60.12

GROOVED



Steel

hose size	part number	list each
1-1/2	HAGS-6C	29.69
2	HAGS-8C	35.62
2-1/2	HAGS-10C	54.97
3	HAGS-12C	63.85
4	HAGS-16C	77.22
6	HAGS-24C	136.88

316 Stainless

hose size	part number	list each
1-1/2	HAGSS-6C	63.85
2	HAGSS-8C	78.69
2-1/2	HAGSS-10C	159.87
3	HAGSS-12C	187.08
4	HAGSS-16C	245.74

206 HOSE UNION (complete set)



Ductile Iron

hose size	part number	list each
4	206S-16C	499.00

hose size	part number	list 18/skid
4	206S-16C	469.00

FLANGED (with 150 lb. fixed flange)



Steel

hose size	part number	list each
1-1/2	FHAS-6C	97.91
2	FHAS-8C	97.34
2-1/2	FHAS-10C	178.94
3	FHAS-12C	141.87
4	FHAS-16C	181.25
6	FHAS-24C	308.57

316 Stainless

hose size	part number	list each
1-1/2	FHASS-6C	277.73
2	FHASS-8C	304.82
2-1/2	FHASS-10C	443.42
3	FHASS-12C	489.72
4	FHASS-16C	670.11
6	FHASS-24C	1065.00

TURNBACK (for use with 150 lb. floating flange)



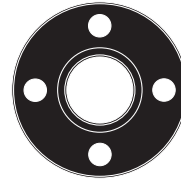
Steel

hose size	part number	list each
1-1/2	THAS-6C	46.32
2	THAS-8C	48.59
2-1/2	THAS-10C	94.21
3	THAS-12C	100.95
4	THAS-16C	159.68
6	THAS-24C	426.48

316 Stainless

hose size	part number	list each
1-1/2	THASS-6C	98.28
2	THASS-8C	183.57
2-1/2	THASS-10C	246.13
3	THASS-12C	328.56
4	THASS-16C	466.62
6	THASS-24C	875.00

FLANGE-FLOATING (150 lb.)



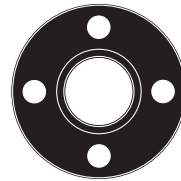
Steel

hose size	part number	list each
1-1/2	FF150S-6	34.81
2	FF150S-8	36.75
2-1/2	FF150S-10	56.70
3	FF150S-12	61.11
4	FF150S-16	90.83
6	FF150S-24	125.69
8	FF150S-32	208.53

316 Stainless

hose size	part number	list each
1-1/2	FF150SS-6	162.01
2	FF150SS-8	200.92
2-1/2	FF150SS-10	257.99
3	FF150SS-12	314.48
4	FF150SS-16	436.17
6	FF150SS-24	601.34

FLANGE-THREADED (150 lb.)



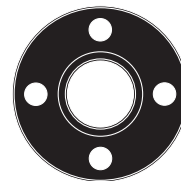
Steel

npt size	part number	list each
1-1/2	FT150S-6	52.64
2	FT150S-8	62.10
2-1/2	FT150S-10	64.39
3	FT150S-12	73.34
4	FT150S-16	82.01
6	FT150S-24	151.25

316 Stainless

npt size	part number	list each
1-1/2	FT150SS-6	169.40
2	FT150SS-8	212.52
2-1/2	FT150SS-10	256.97
3	FT150SS-12	306.54
4	FT150SS-16	429.49
6	FT150SS-24	659.78

FLANGE-SLIP ON (150 lb.)



Steel

npt size	part number	list each
1-1/2	FS150S-6	32.87
2	FS150S-8	34.39
2-1/2	FS150S-10	59.48
3	FS150S-12	56.18
4	FS150S-16	73.24
6	FS150S-24	103.74

316 Stainless

npt size	part number	list each
1-1/2	FS150SS-6	135.80
2	FS150SS-8	164.90
2-1/2	FS150SS-10	359.86
3	FS150SS-12	291.00
4	FS150SS-16	378.30
6	FS150SS-24	582.00

FERRULES FOR CRIMPNOLOGY NIPPLES

FERRULES



FERRULES for crimpnology nipples



Plated Steel

hose size	ferrule i.d.	part number	list each
1	1-32/64	FPS100132	9.86
1	1-36/64	FPS100136	9.86
1	1-40/64	FPS100140	9.86
1	1-44/64	FPS100144	9.86
1	1-48/64	FPS100148	9.86
1	1-52/64	FPS100152	9.86
1-1/4	1-52/64	FPS125152	10.25
1-1/4	1-56/64	FPS125156	10.25
1-1/4	1-60/64	FPS125160	10.25
1-1/2	1-60/64	FPS150160	11.24
1-1/2	2	FPS150200	11.24
1-1/2	2-4/64	FPS150204	11.24
1-1/2	2-8/64	FPS150208	11.24
1-1/2	2-12/64	FPS150212	11.24
1-1/2	2-16/64	FPS150216	11.24
1-1/2	2-20/64	FPS150220	11.24
1-1/2	2-24/64	FPS150224	11.24
2	2-32/64	FPS200232	12.56
2	2-36/64	FPS200236	12.56
2	2-40/64	FPS200240	12.56
2	2-44/64	FPS200244	12.56
2	2-48/64	FPS200248	12.56
2	2-52/64	FPS200252	12.56
2	2-56/64	FPS200256	12.56
2	2-60/64	FPS200260	12.56
2-1/2	3-8/64	FPS250308	16.72
2-1/2	3-12/64	FPS250312	16.72
2-1/2	3-16/64	FPS250316	16.72
2-1/2	3-20/64	FPS250320	16.72
2-1/2	3-24/64	FPS250324	16.72
3	3-36/64	FPS300336	16.98
3	3-40/64	FPS300340	16.98
3	3-44/64	FPS300344	16.98
3	3-48/64	FPS300348	16.98
3	3-52/64	FPS300352	16.98
3	3-56/64	FPS300356	16.98
3	3-60/64	FPS300360	16.98
3	4	FPS300400	16.98
3	4-8/64	FPS300408	16.98
3	4-16/64	FPS300416	16.98
4	4-36/64	FPS400436	22.31
4	4-40/64	FPS400440	22.31
4	4-44/64	FPS400444	22.31
4	4-48/64	FPS400448	22.31
4	4-52/64	FPS400452	22.31
4	4-56/64	FPS400456	22.31
4	4-60/64	FPS400460	22.31
4	5	FPS400500	22.31
4	5-4/64	FPS400504	22.31
6	6-40/64	FPS600640	49.99
6	6-56/64	FPS600656	49.99
6	7-8/64	FPS600708	49.99
6	7-24/64	FPS600724	49.99

304 Stainless

hose size	ferrule i.d.	part number	list each
1	1-32/64	FSS100132	9.85
1	1-36/64	FSS100136	9.85
1	1-40/64	FSS100140	9.85
1	1-44/64	FSS100144	9.85
1	1-48/64	FSS100148	9.85
1	1-52/64	FSS100152	9.85
1-1/4	1-52/64	FSS125152	11.84
1-1/4	1-56/64	FSS125156	11.84
1-1/4	1-60/64	FSS125160	11.84
1-1/2	1-60/64	FSS150160	15.45
1-1/2	2	FSS150200	15.45
1-1/2	2-4/64	FSS150204	15.45
1-1/2	2-8/64	FSS150208	15.45
1-1/2	2-12/64	FSS150212	15.45
1-1/2	2-16/64	FSS150216	15.45
1-1/2	2-20/64	FSS150220	15.45
1-1/2	2-24/64	FSS150224	15.45
2	2-32/64	FSS200232	17.12
2	2-36/64	FSS200236	17.12
2	2-40/64	FSS200240	17.12
2	2-44/64	FSS200244	17.12
2	2-48/64	FSS200248	17.12
2	2-52/64	FSS200252	17.12
2	2-56/64	FSS200256	17.12
2	2-60/64	FSS200260	17.12
2-1/2	3-8/64	FSS250308	26.69
2-1/2	3-12/64	FSS250312	26.69
2-1/2	3-16/64	FSS250316	26.69
2-1/2	3-20/64	FSS250320	26.69
2-1/2	3-24/64	FSS250324	26.69
3	3-36/64	FSS300336	28.08
3	3-40/64	FSS300340	28.08
3	3-44/64	FSS300344	28.08
3	3-48/64	FSS300348	28.08
3	3-52/64	FSS300352	28.08
3	3-56/64	FSS300356	28.08
3	3-60/64	FSS300360	28.08
3	4	FSS300400	28.08
4	4-36/64	FSS400436	65.18
4	4-40/64	FSS400440	65.18
4	4-44/64	FSS400444	65.18
4	4-48/64	FSS400448	65.18
4	4-52/64	FSS400452	65.18
4	4-56/64	FSS400456	65.18
4	4-60/64	FSS400460	65.18
4	5	FSS400500	65.18
4	5-4/64	FSS400504	65.18
6	6-56/64	FSS600656	82.45
6	7-8/64	FSS600708	82.45
6	7-24/64	FSS600724	82.45

Plated Steel-Heavy Duty (for FRAC-16 fittings only)

hose size	ferrule i.d.	part number	list each
4	4-48/64	FPS400448F	31.20
4	4-52/64	FPS400452F	31.20
4	4-56/64	FPS400456F	31.20
4	4-60/64	FPS400460F	31.20
4	5	FPS400500F	31.20

LONG SHANK FERRULES for long shank crimpnology nipples



Plated Steel

hose size	ferrule i.d.	part number	list each
1-1/2	1-60/64	FPS150160L	16.60
1-1/2	2	FPS150200L	16.60
1-1/2	2-4/64	FPS150204L	16.60
1-1/2	2-8/64	FPS150208L	16.60
1-1/2	2-12/64	FPS150212L	16.60
1-1/2	2-16/64	FPS150216L	16.60
1-1/2	2-20/64	FPS150220L	16.60
1-1/2	2-24/64	FPS150224L	16.60
2	2-32/64	FPS200232L	20.16
2	2-36/64	FPS200236L	20.16
2	2-40/64	FPS200240L	20.16
2	2-44/64	FPS200244L	20.16
2	2-48/64	FPS200248L	20.16
2	2-52/64	FPS200252L	20.16
2	2-56/64	FPS200256L	20.16
2	2-60/64	FPS200260L	20.16
2-1/2	3-8/64	FPS250308L	27.72
2-1/2	3-12/64	FPS250312L	27.72
2-1/2	3-16/64	FPS250316L	27.72
2-1/2	3-20/64	FPS250320L	27.72
2-1/2	3-24/64	FPS250324L	27.72
3	3-36/64	FPS300336L	27.88
3	3-40/64	FPS300340L	27.88
3	3-44/64	FPS300344L	27.88
3	3-48/64	FPS300348L	27.88
3	3-52/64	FPS300352L	27.88
3	3-56/64	FPS300356L	27.88
3	3-60/64	FPS300360L	27.88
3	4	FPS300400L	27.88
3	4-8/64	FPS300408L	27.88
3	4-16/64	FPS300416L	27.88
4	4-40/64	FPS400440L	37.85
4	4-44/64	FPS400444L	37.85
4	4-48/64	FPS400448L	37.85
4	4-52/64	FPS400452L	37.85
4	4-56/64	FPS400456L	37.85
4	4-60/64	FPS400460L	37.85
4	5	FPS400500L	37.85
4	5-4/64	FPS400504L	37.85
4	5-12/64	FPS400512L	37.85
4	5-20/64	FPS400520L	37.85
4	5-28/64	FPS400528L	37.85

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