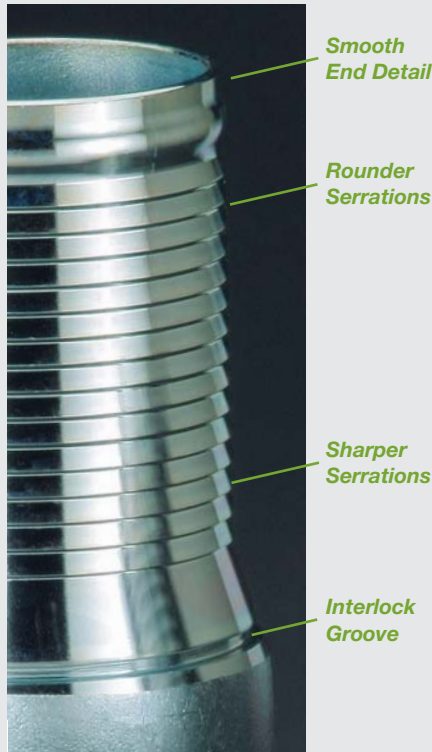
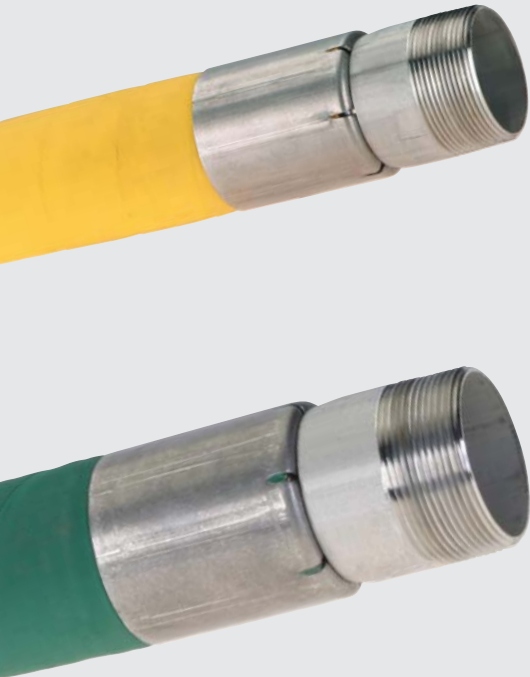


CampbellCrimpnoology™ offers crimping flexibility for your multi-purpose hose applications.



Crimpnoology Nipple

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



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

- Crimpnoology Nipples provide an excellent fitting solution for medium-pressure applications such as “Frac Hose”, mud-pump hose, and other abusive applications.
- Long Shank Crimpnoology 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	23.47
1-1/4	HAPS-5C	23.71
1-1/2	HAPS-6C	23.95
2	HAPS-8C	28.69
2-1/2	HAPS-10C	43.14
3	HAPS-12C	51.98
4	HAPS-16C	66.06
6	HAPS-24C	139.12

316 Stainless

1	HASS-4C	42.37
1-1/4	HASS-5C	48.90
1-1/2	HASS-6C	53.29
2	HASS-8C	65.19
2-1/2	HASS-10C	110.63
3	HASS-12C	136.46
4	HASS-16C	201.61
6	HASS-24C	759.10

THREADED LONG SHANK



Steel

hose size	part number	list each
1-1/2	HALPS-6C	35.29
2	HALPS-8C	36.34
2-1/2	HALPS-10C	61.19
3	HALPS-12C	81.49
4	HALPS-16C	120.30

SQUARE CUT END



Steel

hose size	part number	list each
1-1/2	HAS-6C SQ	23.00
2	HAS-8C SQ	27.54
2-1/2	HAS-10C SQ	41.41
3	HAS-12C SQ	49.90
4	HAS-16C SQ	63.41

GROOVED



Steel

hose size	part number	list each
1-1/2	HAGS-6C	31.14
2	HAGS-8C	37.31
2-1/2	HAGS-10C	56.09
3	HAGS-12C	67.57
4	HAGS-16C	85.87

316 Stainless

1-1/2	HAGSS-6C	66.61
2	HAGSS-8C	81.50
2-1/2	HAGSS-10C	163.13
3	HAGSS-12C	191.48
4	HAGSS-16C	252.01

FLANGED (with 150 lb. fixed flange)



Steel

hose size	part number	list each
1-1/2	FHAS-6C	123.22
2	FHAS-8C	126.02
2-1/2	FHAS-10C	165.46
3	FHAS-12C	157.38
4	FHAS-16C	191.11
6	FHAS-24C	448.50

316 Stainless

1-1/2	FHASS-6C	264.50
2	FHASS-8C	290.30
2-1/2	FHASS-10C	422.30
3	FHASS-12C	466.40
4	FHASS-16C	638.20
6	FHASS-24C	959.80

TURNBACK (for use with 150 lb. floating flange)



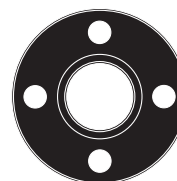
Steel

hose size	part number	list each
1-1/2	THAS-6C	43.98
2	THAS-8C	46.28
2-1/2	THAS-10C	89.72
3	THAS-12C	105.08
4	THAS-16C	187.55
6	THAS-24C	491.40

316 Stainless

1-1/2	THASS-6C	91.00
2	THASS-8C	174.83
2-1/2	THASS-10C	234.41
3	THASS-12C	312.91
4	THASS-16C	444.40
6	THASS-24C	POR

FLANGE-FLOATING (150 lb.)



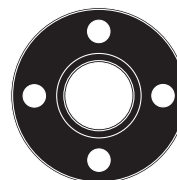
Steel

hose size	part number	list each
1-1/2	FF150S-6	33.15
2	FF150S-8	35.00
2-1/2	FF150S-10	54.00
3	FF150S-12	58.20
4	FF150S-16	81.10
6	FF150S-24	119.70
8	FF150S-32	198.60

316 Stainless

1-1/2	FF150SS-6	154.30
2	FF150SS-8	191.35
2-1/2	FF150SS-10	245.70
3	FF150SS-12	299.50
4	FF150SS-16	415.40
6	FF150SS-24	498.00

FLANGE-THREADED (150 lb.)



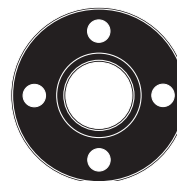
Steel

npt size	part number	list each
1-1/2	FT150S-6	47.74
2	FT150S-8	56.87
2-1/2	FT150S-10	58.96
3	FT150S-12	67.16
4	FT150S-16	78.10

316 Stainless

1-1/2	FT150SS-6	154.00
2	FT150SS-8	202.40
2-1/2	FT150SS-10	244.73
3	FT150SS-12	291.94
4	FT150SS-16	401.39

FLANGE-SLIP ON (150 lb.)



Steel

npt size	part number	list each
1-1/2	FS150S-6	31.30
2	FS150S-8	32.75
2-1/2	FS150S-10	56.65
3	FS150S-12	53.50
4	FS150S-16	69.75
6	FS150S-24	98.80

316 Stainless

1-1/2	FS150SS-6	163.20
2	FS150SS-8	205.45
2-1/2	FS150SS-10	342.72
3	FS150SS-12	326.40
4	FS150SS-16	446.75
6	FS150SS-24	675.25

FERRULES FOR CRIMPNOLOGY NIPPLES