

Dixon One-Piece Frac Fittings

Application:

- used in the fast paced transfer of water, chemicals and sand slurry to a hydraulic fracturing site



3" and 4" female

Features:

- one-piece stem design eliminates the leak path common with two-piece threaded systems
- interchangeable with current fittings; phase them into your operation
- 400 PSI** working pressure at 70°F for 3" and 4" sizes; 4:1 safety factor (SF) ¹
- 150 PSI** working pressure at 70°F for 6" size; 4:1 safety factor (SF)
- 150 PSI** working pressure at 70°F for 8" size; 3:1 safety factor (SF)



¹ 400 PSI working pressure with a minimum 4:1 safety factor (*hose burst: hose working pressure*) is only achieved with:

- 3" size uses standard crimp ferrules
- 4" size requires heavy duty (HD) crimp ferrules, CF400-6CSHD through CF400-16CSHD

Note: Water and petroleum transfer hoses rated from 100 to 300 PSI WP (4:1 SF) have excellent test results with the standard King Crimp ferrules CF400-xxCS.



3" and 4" male

Materials:

- frac fittings: machined iron to ASTM standards; all stems zinc plated
- male 3", 4" and 6" NPT fittings are schedule 80 pipe; 8" NPT fittings are schedule 40 pipe; all sizes meet ASTM standards
- nut: forged steel meeting AISI standards

Figure 100



3" and 4" male NPT



3" and 4" wing nut

Size	Description	Part #	Price/E
3"	male/female assembly	HUMF100300CS	\$430.00
	female fitting	HUF100300CS	180.00
	male fitting (includes nut)	HUM100300CS	250.00
	male NPT fitting	STC35CS	51.50
	wing nut	HU100300N	70.00
4"	male/female assembly	HUMF100400CS	486.50
	female fitting	HUF100400CS	186.30
	male fitting (includes nut)	HUM100400CS	300.00
	male NPT fitting	STC40CSHD	74.00
	wing nut	HU100400N	112.00
6"	male/female assembly	HUMF100600CS	1100.50
	female fitting	HUFALL600CS	461.00
	male fitting (includes nut)	HUM100600CS	639.50
	male NPT fitting	STC60CS	134.85
	wing nut	HU100600N	178.50
8"	male/female assembly	HUMF100800CS	1283.70
	female fitting	HUFALL800CS	539.00
	male fitting (includes nut)	HUM100800CS	744.70
	male NPT fitting	STC80CS	158.00
	wing nut	HU100800N	205.70

Dixon One-Piece Frac Fittings

Figure 206



Size	Description	Part #	Price/E
3"	male/female assembly	HUMF206300CS	\$430.00
	female fitting	HUF206300CS	180.00
	male fitting (includes nut and O-ring)	HUM206300CS	250.00
	male NPT fitting	STC35CS	51.50
	wing nut	HU206300N	70.00
	O-ring (Buna-N)	O238BU	2.00
4"	male/female assembly	HUMF206400CS	486.50
	female fitting	HUF206400CS	186.30
	male fitting (includes nut and O-ring)	HUM206400CS	300.00
	male NPT fitting	STC40CSHD	74.00
	wing nut	HU206400N	112.00
	O-ring (Buna-N)	O347BU	1.35
6"	male/female assembly	HUMF206600CS	1100.50
	female fitting	HUFALL600CS	461.00
	male fitting (includes nut and O-ring)	HUM206600CS	639.50
	male NPT fitting	STC60CS	134.85
	wing nut	HU206600N	178.50
	O-ring (Buna-N)	O440BU	2.85
8"	male/female assembly	HUMF206800CS	1283.70
	female fitting	HUFALL800CS	539.00
	male fitting (includes nut and O-ring)	HUM206800CS	744.70
	male NPT fitting	STC80CS	158.00
	wing nut	HU206800N	205.70
	O-ring (Buna-N)	O447BU	3.75



8" female



8" male



8" male NPT



6" and 8" wing nut

Dixon One-Piece Hammer Union Nuts



3" and 4"



6" and 8"

Features:

- long lasting and dependable nut
- all nuts are interchangeable with reliable brands
- cold working pressure: **2,000 PSI**
- 6" and 8" sizes have 4 lug design for more surface area to hammer

Material:

- forged steel meeting AISI standards

Size	Description	Forged Steel Part #	Price
3"	wing nut, figure 100	HU100300N	\$70.00
	wing nut, figure 206	HU206300N	70.00
4"	wing nut, figure 100	HU100400N	112.00
	wing nut, figure 206	HU206400N	112.00
6"	wing nut, figure 100	HU100600N	178.50
	wing nut, figure 206	HU206600N	178.50
8"	wing nut, figure 100	HU100800N	205.70
	wing nut, figure 206	HU206800N	205.70

Dixon Two-Piece Hammer Union Nuts

Applications:

- replacement for damaged hammer union nuts
- used with male one-piece flange adapters


Features:

- lug design provides enlarged surface area to hammer
- repair nut is pinned and bolted for perfect alignment
- nut can be installed on pre-existing hammer union assembly
- cold working pressure: **2,000 PSI**
- 4" Figure 200/206 nut is interchangeable with reliable brands
- 6" and 8" Figure 100/200/206 nuts are interchangeable with reliable brands
- available in other series and sizes, contact Dixon



Material:

- forged steel meeting AISI standards

Dixon recommends using Loctite® Threadlocker Red 271™ when bolting together two-piece hammer union nuts to ensure that bolts do not loosen when in service. Option two is to weld the seams of the split nut. Bolt torque recommendation is 60 foot pounds. 

Size	Description	Forged Steel Part #	Price
4"	split nut, figure 200/206, blue (includes bolts)	HU200400RN	\$138.05
6"	split nut, figure 100, black (includes bolts)	HU100600RN	282.00
	split nut, figure 200/206, blue (includes bolts)	HU200600RN	282.00
8"	split nut, figure 100, black (includes bolts)	HU100800RN	304.00
	split nut, figure 200/206, blue (includes bolts)	HU200800RN	304.00

- additional hammer unions are available on page 706-707

Dixon One-Piece Flange Adapters

2014
NEW B

Application:

- used in the transfer of water, brine, water-based chemicals, water-based acids, and gelatinous proppant (sand) slurry used at hydraulic fracturing sites
- used with **HU200400RN** two-piece nut

Features:

- flange x female or male hammer union straights (standard or short length)
- 45° elbows in female and male (flange x hammer union)
- no welds or pipe threads to deteriorate and cause premature leakage
- two-piece nut is pinned and bolted for perfect alignment
- all 4" Figure 206 threads are interchangeable with other reliable brands
- all 4" 150# flanges are compatible with other reliable brands

Materials:

- iron adapters meet ASTM standards
- forged steel nuts meet AISI standards

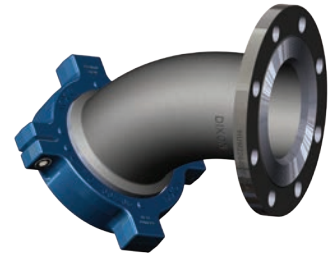
Size	Description	Overall Length	Part #	Price/E
4"	female hammer union x 150# flange	5-1/8"	HUF206400FLG	\$271.50
	female hammer union x 150# flange short	3"	HUF206400FLG-ST	252.00
	female hammer union x 150# flange 45° elbow	10-31/32"	HUF206400FLG-45	392.50
	male hammer union x 150# flange includes nut and Buna-N O-ring	5-5/32" (with nut)	HUM206400FLG	397.00
	male hammer union x 150# flange short includes nut and Buna-N O-ring	3-13/32" (with nut)	HUM206400FLG-ST	377.50
	male hammer union x 150# flange 45° elbow includes nut and Buna-N O-ring	12-1/32" (with nut)	HUM206400FLG-45	520.90



male adapter x flange
with hammer union nut



female adapter x flange



male adapter x 45° flange
with hammer union nut

B

2014
NEW

Dixon One-Piece 150# Flange to Weld Adapters

Application:

- used on a 12" pipe manifold to transfer water, brine, water-based chemicals, water-based acids or gelatinous proppant (sand) slurry at hydraulic fracturing sites

Features:

- no welds or pipe threads to deteriorate and cause premature leakage
- easy to weld to 12" pipe manifolds
- formed butt weld provides accurate alignment
- the 4" 150 lb. flange is compatible with other reliable brands

Materials:

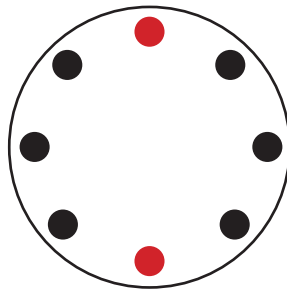
- WCA (weldable cast steel, grade A) meeting ASTM standards



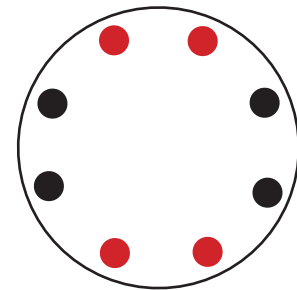
10½"

Size	Description	Weldable Cast Steel Part #	Price
7½"	150# flange x weld adapter, 1 hole	WA4FL12X750-1	\$680.00
	150# flange x weld adapter, 2 holes	WA4FL12X750-2	680.00
10½"	150# flange x weld adapter, 1 hole	WA4FL12X1050-1	815.00
	150# flange x weld adapter, 2 holes	WA4FL12X1050-2	815.00

1-Hole Pattern



2-Hole Pattern



2014
NEW

Hammer Union Caps and Plugs



cap



plug

Application:

- prevents leakage of hydraulic fracturing fluids from hammer union connections used on manifolds and hose assemblies when in use the fracking equipment can be in pressurized service or in transit to an alternate location

Features:

- forged steel construction ensures longevity, reliability, and performance
- caps are designed with larger lugs for easier installation and disassembling
- cap design includes a threaded bolt hole for attaching chain or cable
- plugs are designed with larger handle for easier installation and disassembling
- plug design includes a handle hole to attach chain or cable

Material:

- forged steel meeting AISI standards

Size	Description	Forged Steel Part #	Price/E
4"	hammer union cap	HUC207400	\$192.60
	hammer union plug	HUP207400	192.60

Vent-Lock Cam and Groove Couplings (Safety Cam and Groove)

2014
NEW B

Application:

- transfer of liquids with a safer disconnection

Features:

- safety release cam and groove couplings permit the release of static pressure when disconnecting hose assemblies
- venting system protects operator from being sprayed with hazardous or non-hazardous fluids
- rated to **250 PSI**, recommendation based on the use of mating Dixon fittings at ambient temperature (**70°F**) with standard Buna-N seal installed, for use at elevated temperature or other unusual operating conditions, consult Dixon

Materials:

- 316 stainless steel
- consult Dixon for availability of other materials

Attachment:

- ferrules, sleeves, bands, and other reliable options



Size	Type A		Type C		Type E		Type DC		Type DP	
	316 Stainless Steel Part #	Price/E	316 Stainless Steel Part #	Price/E	316 Stainless Steel Part #	Price/E	316 Stainless Steel Part #	Price/E	316 Stainless Steel Part #	Price/E
1"	L100-A-SS	\$72.95	L100-C-SS	\$111.35	L100-E-SS	\$75.40	L100-DC-SS	\$101.50	L100-DP-SS	\$63.10
2"	L200-A-SS	94.70	L200-C-SS	168.60	L200-E-SS	106.65	L200-DC-SS	150.60	L200-DP-SS	93.75