The Right Connection™

Introducing Dixon's One-Piece 4" Frac Fitting

Supplying water and sand slurry to a Hydraulic Fracturing site is a fast paced transfer application suitable for Dixon's one-piece 4" Fig. 206 Hammer Union.

Dixon Frac fittings are sold separately or as a system: the stem (male or female), a heavy duty forged hammer nut and an interlocking ferrule offer customer's one-piece dependability that is interchangeable with hammer union parts already in service.

Feature

- one-piece design
- interchangeable with current fittings
- hammer nut forged to ASTM 105N standards
- machined malleable iron stems to ASTM A47; all stems zinc plated
- 400 PSI working pressure at 70°F [1, 2] SAFETY ALERT

Benefit

- no leak path as experienced with two-piece threaded systems; phase them into your current operation
- long lasting and dependable
- durable and safe with reliable hose retention
- 4:1 safety factor (SF) [1, 2]

[1] 400 PSI working pressure with a minimum 4:1 safety factor (*hose burst:hose working pressure*) is only achieved with Dixon carbon steel ferrule part numbers *CF400-6CSHD* through *CF400-16CSHD.*

[2] When assembling hose with abrasion resistant covers, such as UHMW polyethylene, you will need to use Dixon's heavy duty (HD) carbon steel ferrule part numbers *CF400-6CSHD* through *CF400-16CSHD*. Other size HD ferrules are available upon request.

Notes: 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*.

Frac Fittings

female fitting

male fitting

male NPT fitting

wing nut

Description	Part #
complete assembly	***HUMF206400CS***
female frac fitting	***HUF206400CS***
male frac fitting (includes nut and O-ring)	***HUM206400CS***
male NPT fitting	***STC40CSHD***
wing nut (forged)	***HU206400N***
O-ring (Buna-N)	***0347BU***

Note: Dixon's King Crimp ferrules are listed on page 2.

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King Crimp Style Ferrules

Hose ID	Hose OD From	Hose OD To	***300 PSI & Below Hose Use:*** Part #	Ferrule Wall Thickness	***400 PSI Hose Use:*** Heavy Duty (HD) Part #	Ferrule Wall Thickness	Ferrule ID	Ferrule Overall Length
4"	4-13/64	4-16/64	***CF400-1CS***	0.090	***---***	---	4.313	4"
	4-17/64	4-20/64	***CF400-2CS***	0.090	***---***	---	4.375	4"
	4-21/64	4-24/64	***CF400-3CS***	0.090	***---***	---	4.438	4"
	4-25/64	4-28/64	***CF400-4CS***	0.090	***---***	---	4.500	4"
	4-29/64	4-32/64	***CF400-5CS***	0.090	***---***	---	4.563	4"
	4-33/64	4-36/24	***CF400-6CS***	0.090	***CF400-6CSHD***	0.120	4.625	4"
	4-37/64	4-40/64	***CF400-7CS***	0.090	***CF400-7CSHD***	0.120	4.688	4"
	4-41/64	4-44/64	***CF400-8CS***	0.090	***CF400-8CSHD***	0.120	4.750	4"
	4-45/64	4-48/64	***CF400-9CS***	0.090	***CF400-9CSHD***	0.120	4.813	4"
	4-49/64	4-52/64	***CF400-10CS***	0.090	***CF400-10CSHD***	0.120	4.875	4"
	4-53/64	4-56/64	***CF400-11CS***	0.090	***CF400-11CSHD***	0.120	4.938	4"
	4-57/64	4-60/64	***CF400-12CS***	0.090	***CF400-12CSHD***	0.120	5.000	4"
	4-61/64	5	***CF400-13CS***	0.090	***CF400-13CSHD***	0.120	5.063	4"
	5-1/64	5-4/64	***CF400-14CS***	0.090	***CF400-14CSHD***	0.120	5.125	4"
	5-5/64	5-8/64	***CF400-15CS***	0.090	***CF400-15CSHD***	0.120	5.188	4"
	5-9/64	5-12/64	***CF400-16CS***	0.090	***CF400-16CSHD***	0.120	5.250	4"

Hammer Unions

Fig 100

Fig 200

Fig 206

Size	Configuration	Description	NSCWP *	*Forged Steel* Part #
4"	threaded 100 series	used on low pressure manifolds and lines and in applications running air, water, oil or gas, yellow fitting body, black nut	1000	***HU100400***
4"	threaded 200 series	used in general service applications running air, water, oil or gas, grey fitting body, blue nut	2000	***HU200400***
4"	threaded 206 series	O-ring mounted sub provides excellent sealing properties runs air, water, oil or gas, grey fitting body, blue nut	2000	***HU206400***

* Non-shock cold working pressure

Safety

Dixon's couplings and retention devices are designed to work safely for their intended use. The selection of the proper hose, coupling and retention device, and the proper application of the coupling to the hose are of utmost importance.

Users must consider the size, temperature, application, media, pressure and hose and coupling manufacturer's recommendations when selecting the proper hose assembly components. Dixon recommends that all hose assemblies be tested in accordance with the Rubber Manufacturers Association's recommendations and be inspected regularly (before each use) to ensure that they are not damaged or have become loose. Visit RMA.org for more information.

Where safety devices are integral to the coupling, they must be working and utilized. The use of supplementary safety devices such as safety clips or safety cables are recommended.

If any problem is detected, couplings must be removed from service immediately.

Dixon is available to consult, train and recommend the proper selection and application of all fittings we sell. We strongly recommend that distributors and end users make use of Dixon's Testing and Recommendation Services. Call 877-963-4966 or click dixonvalve.com to learn more.