



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}



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.

Dixon

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King Crimp Style Ferrules



Hose ID	Hose OD		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
	From	To						
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.