

Ford All Stainless Steel Repair Clamps

Style FS3 (triple section) Operating Range 1.20"

To order: Specify catalog number x length of clamp desired.

Example: FS3-1920-24 would be a triple section clamp for pipe with an O.D. between 18.00 and 19.20, and the length of the clamp would be 24".

Options Include: Buna-N Gasket - add "-N" to catalog number
 EPDM Gasket - add "-EPDM" to catalog number
 Conductivity Strips - add "-CS" to catalog number
 316 Stainless Steel - add "-Q" to catalog number

Note: Sizes and lengths not listed (including metric) are available upon request. Contact the Ford Meter Box Customer Service Department for information.



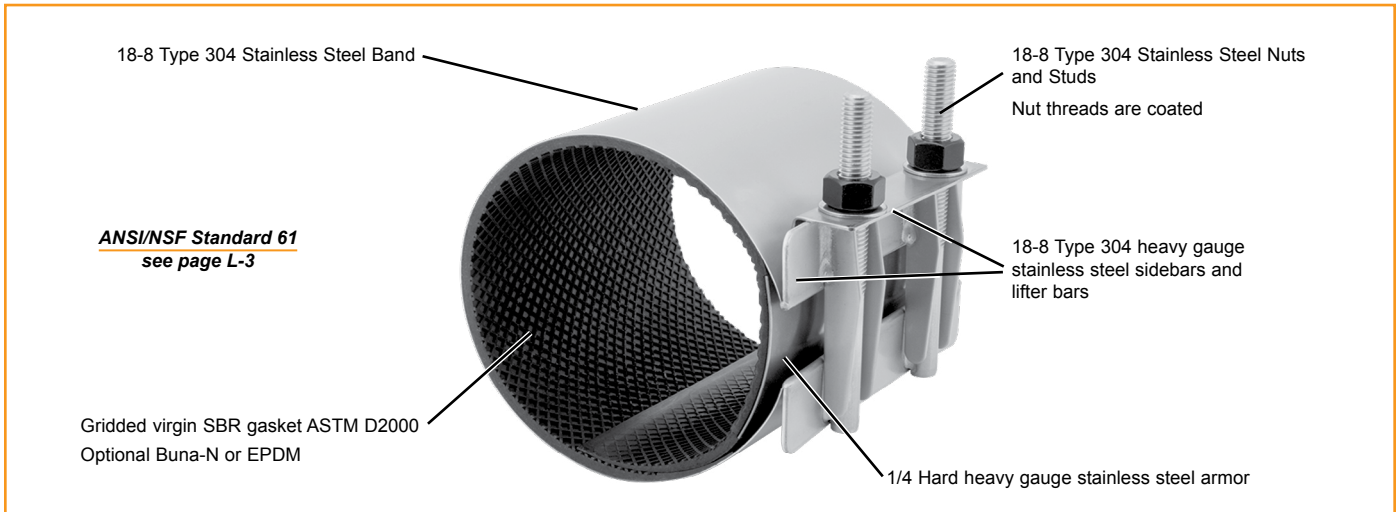
NOM. PIPE SIZE	PIPE O.D. RANGE	CATALOG NUMBER	LENGTH AND APPROXIMATE SHIPPING WEIGHT LBS.				
			12.5"	15"	20"	24"	30"
16"	17.10-18.30	FS3-1830-Length	31 Lbs.	40 Lbs.	52 Lbs.	64 Lbs.	77 Lbs.
18"	18.00-19.20	FS3-1920-Length	35	44	56	68	84
	19.50-20.70	FS3-2070-Length					
20"	21.60-22.80	FS3-2280-Length	41	48	60	73	89
24"	25.80-27.00	FS3-2700-Length	46	53	65	79	102
30"	29.62-30.82	FS3-3082-Length	50	62	83	88	130
	31.70-32.90	FS3-3290-Length					
NUMBER OF STUDS			12	12	18	21	27

Specifications

Ford All Stainless Steel Repair Clamps

The Ford FS Style All Stainless Steel Repair Clamp combines the corrosion-resistant characteristics of stainless steel and the sealing capabilities of rubber to provide a strong, dependable and versatile repair clamp.

The all stainless design is lightweight and easy to handle under adverse conditions associated with almost every main break. The fixed position of the studs provides uniform control and fewer parts to fall into the trench. The sliding lifter bar is retained on the studs by the heavy hex nuts and facilitates the installation by serving as a handle while installing the clamp. Bi-directionally tapered lugs allow the lifter bar to easily slide into locking position on the sidebar.



Specifications:

Band: 18-8 Type 304 stainless steel.

Studs and Heavy Hex Nuts: 18-8 Type 304 stainless steel. Coated nut threads to prevent galling. Studs are permanently attached to the clamp sidebar by means of a Metal Inert Gas (MIG) weld.

Lugs: 18-8 Type 304 heavy gauge stainless steel, MIG welded to clamp sidebar. Lugs are rounded and tapered for easy installation.

Sidebars: 18-8 Type 304 heavy gauge stainless steel Tungsten Inert Gas (TIG) welded to form a strong, permanent fusion with the repair clamp band.

Lifter Bar: 18-8 Type 304 heavy gauge stainless steel. Lip curve holds bolts in position while tightening and serves as a bearing surface for stainless steel nuts and washers.

Gasket: Gridded virgin Styrene Butadiene Rubber (SBR) compounded for water service, ASTM D2000. Gasket ends are tapered for a dependable seal. SBR is suitable for temperatures of 150°F continuous, 180°F intermittent. An optional Buna-N, nitrile gasket is recommended for 220°F continuous and/or 240°F intermittent.

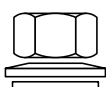
Armor: 1/4 hard heavy gauge stainless steel vulcanized and recessed into the gasket to ensure uniform compression against the pipe.

Passivated: All clamps are fully passivated by means of a chemical technique which restores the corrosion resistant characteristics of the stainless steel.

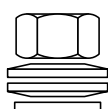
Options Include:

- Conductivity strips
- Buna-N gasket (suitable for natural gas applications)
- EPDM gasket
- 316 stainless steel
- 1" offset gasket for overlapping clamps for extended lengths

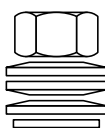
Belleville Washers for use on HDPE: Belleville washers, also referred to as spring washers, promote constant force on the gasket as the pipe diameter expands and contracts. The Belleville washers are made of 17-7 PH stainless steel. Depending on the pipe size and recommended installation torque, Belleville washers are used singularly, or in a stack to allow for more expansion/contraction of the pipe.



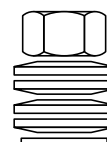
1 Washer Stack



2 Washer Stack



3 Washer Stack



4 Washer Stack