

Ford Brass Saddles Style 101B and 202B

101B, 3/4" and 1" Taps
202B, 3/4" through 2" Taps

Specifications

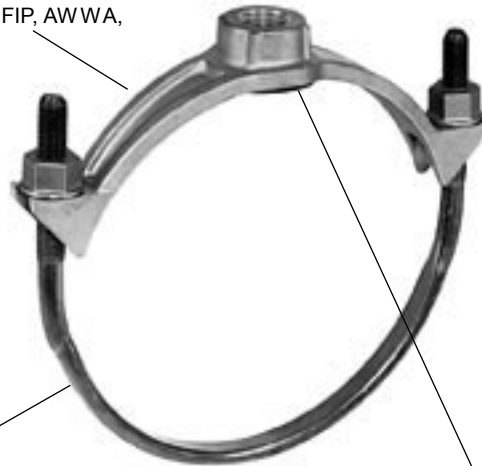
101B

Body - 85-5-5-5 brass alloy as per ASTM B62, ASTM B584 and AWWA C800. Threads may be FIP, AWWA, or BSP.

Nuts - 5/8" 85-5-5-5 brass alloy as per ASTM B62, ASTM B584 and AWWA C800 with integral washers.



LXI Products meet
ANSI/NSF Standard 61
see page 2



One side of the saddle body has a closed bolt lug for easy installation.

Strap - 5/8" high quality silicon bronze flattened to provide a wider bearing surface against pipe.

Gasket - EPDM rubber ASTM D2000

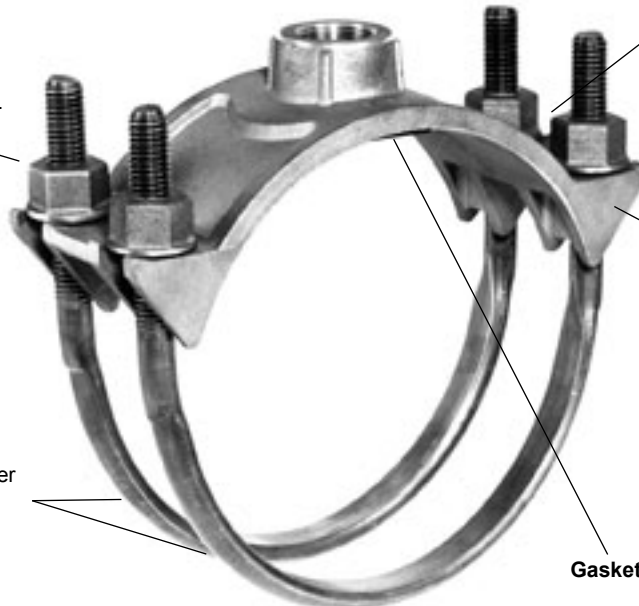
202B

Nuts - 5/8" 85-5-5-5 brass alloy as per ASTM B62, ASTM B584 and AWWA C800 with integral washers.

One side of saddle body has closed bolt lugs for easy installation.



LXI Products meet
ANSI/NSF Standard 61
see page 2



Body - 85-5-5-5 brass alloy as per ASTM B62, ASTM B584 and AWWA C800. Threads may be FIP, AWWA, or BSP.

Straps - 5/8" high quality silicon bronze flattened to provide a wider bearing surface against pipe.

Gasket - EPDM rubber ASTM-D2000

OUTLET THREAD TAP CODE

CC (AWWA) THREAD		FIP THREAD		BSP THREAD	
THREAD	CODE	THREAD	CODE	THREAD	CODE
3/4" CC	CC3	3/4" IP	IP3	3/4" BSP	BSP3
1" CC	CC4	1" IP	IP4	1" BSP	BSP4
1-1/2" CC	CC6	1-1/2" IP	IP6	1-1/2" BSP	BSP6
2" CC	CC7	2" IP	IP7	2" BSP	BSP7

Ford Brass Saddles Styles 101B and 202B



LXI Products meet
ANSI/NSF Standard 61
see page 2

101B, 3/4" and 1" Taps 202B, 3/4" through 2" Taps

Ford's single strap 101B, and double strap 202B, brass saddles are designed with built-in flexibility to cover asbestos-cement and/or cast iron size pipe. The body of the saddle is sized to fit class 200 asbestos-cement but will bend during installation to conform to the smaller size cast iron or ductile iron material. This eliminates double inventory and guess work when going to the job site.

The body and the nuts of Ford brass saddles are cast from certified 85-5-5 water works brass conforming to the AWWA C800 standard. The straps are high-quality silicon bronze flattened to provide a wide bearing surface against the pipe. The large EPDM rubber gasket is grooved to conform to the pipe surface and bonded in place for easy installation.

Ford's convenient marking system quickly and easily identifies the type of thread in the boss. For AWWA tapered thread, the boss has a machined groove around the top outside edge while the boss for iron pipe thread is smooth.

Style 101B Single Strap Brass Saddles For 3/4" and 1" Taps



NOM. PIPE SIZE	O.D. RANGE	CATALOG NUMBER	APPROX. WT. LBS.	STD. PKG. QTY.
4"	4.80-5.40	101B-540-Tap	3.0	10
6"	6.90-7.50	101B-750-Tap	3.8	10
8"	9.05-9.62	101B-962-Tap	4.4	10
10"	11.10-12.12	101B-1212-Tap	5.4	10
12"	13.20-14.38	101B-1438-Tap	5.9	8

To Order: Add tap code number from the table at the bottom of page 19 to the catalog number. For example, a saddle for 6" cast iron pipe with a 3/4" CC tap would be 101B-750-CC3. A saddle for 8" cast iron pipe with 1" iron pipe tap would be a 101B-962-IP4.

Style 202B Double Strap Brass Saddles For 3/4" through 2" Taps



NOM. PIPE SIZE	O.D. RANGE	CATALOG NUMBER	APPROX. WT. LBS. 3/4" & 1" TAPS	STD. PKG. QTY.	APPROX. WT. LBS. 1-1/2" TAP	STD. PKG. QTY.	APPROX. WT. LBS. 2" TAP	STD. PKG. QTY.
4"	4.80-5.40	202B-540-Tap	6.6	6	7.1	6	N/A	N/A
	4.80-5.10	202B-510-Tap	N/A	N/A	N/A	N/A	7.3	6
	5.10-5.40	202B-540-Tap	N/A	N/A	N/A	N/A	7.3	6
6"	6.90-7.50	202B-750-Tap	7.7	4	7.9	4	8.4	4
8"	9.05-9.62	202B-962-Tap	8.8	4	9.3	4	9.4	4
10"	11.10-12.12	202B-1212-Tap	10.7	6	11.3	4	11.3	4
12"	13.20-14.38	202B-1438-Tap	11.8	3	11.9	3	13.3	3
14"	15.30-16.25	202B-1625-Tap	18.0	1	17.5	1	17.5	1
	16.30-17.25	202B-1725-Tap	19.1	1	18.6	1	18.6	1
	17.40-18.40	202B-1840-Tap	23.0	1	22.5	1	22.5	1
16"	18.50-19.25	202B-1925-Tap	24.0	1	23.5	1	23.5	1
	19.50-20.50	202B-2050-Tap	25.0	1	24.5	1	24.5	1
	21.20-22.20	202B-2220-Tap	25.5	1	25.0	1	25.0	1
20"	22.50-23.50	202B-2350-Tap	25.7	1	25.2	1	25.2	1
	23.80-24.80	202B-2480-Tap	26.0	1	25.5	1	25.5	1
24"	25.60-26.50	202B-2650-Tap	26.5	1	26.0	1	26.0	1
	31.74-32.74	202B-3274-Tap	27.0	1	26.5	1	26.5	1

Please Note: 4" saddles with 2" taps have limited range as listed above, i.e. 4.80-5.10 and 5.10-5.40. All other tap sizes have a standard range of 4.80-5.40.

To Order: Add tap code from the table at the bottom of page 19 to the catalog number. For example, a saddle for 12" cast iron pipe with 1" CC tap would be 202B-1438-CC4.

Ford Brass Saddles Styles 101BS and 202BS

With Stainless Steel Band and Bolts for PVC Pipe for 3/4" through 2" Taps

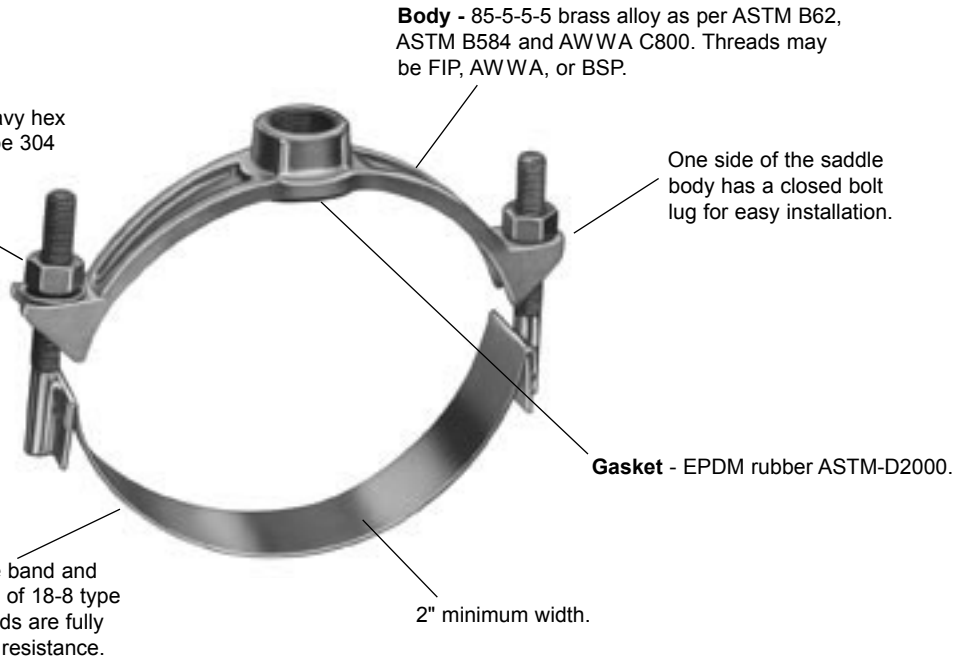
Specifications

101BS

Nuts and Washers - 5/8" coated heavy hex nuts and washers made from 18-8 type 304 stainless steel.



LXI Products meet
ANSI/NSF Standard 61
see page 2

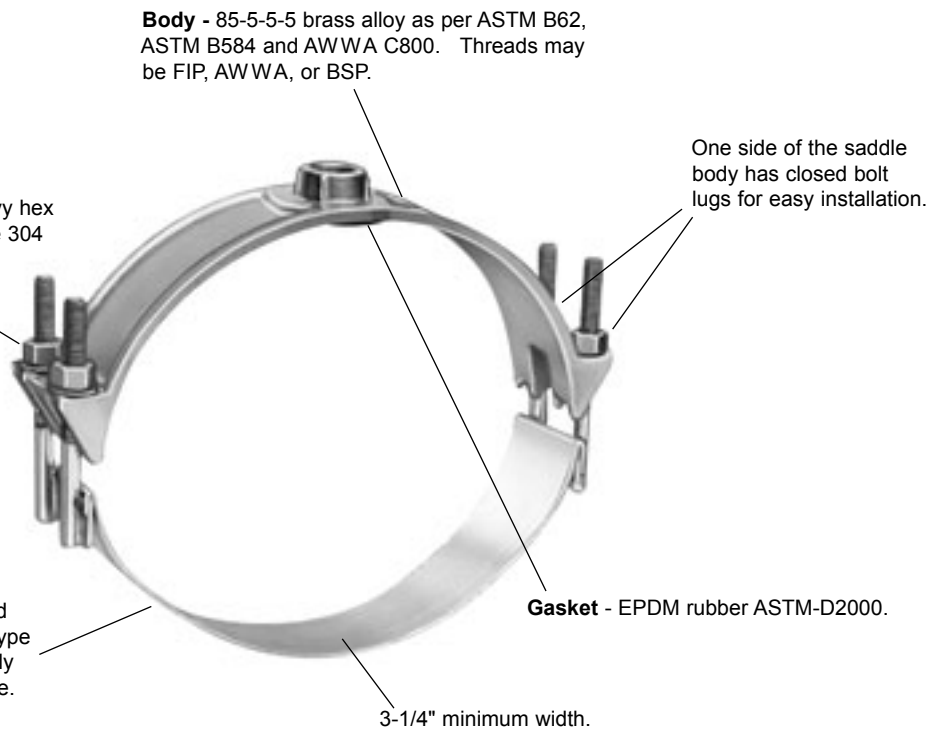


202BS

Nuts and Washers - 5/8" coated heavy hex nuts and washers made from 18-8 type 304 stainless steel.



LXI Products meet
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see page 2



OUTLET THREAD TAP CODE

CC (AWWA) THREAD		FIP THREAD		BSP THREAD	
THREAD	CODE	THREAD	CODE	THREAD	CODE
3/4" CC	CC3	3/4" IP	IP3	3/4" BSP	BSP3
1" CC	CC4	1" IP	IP4	1" BSP	BSP4
1-1/2" CC	CC6	1-1/2" IP	IP6	1-1/2" BSP	BSP6
2" CC	CC7	2" IP	IP7	2" BSP	BSP7

Ford Brass Saddles Styles 101BS and 202BS

With Stainless Steel Band and Bolts for PVC Pipe for 3/4" through 2" Taps



LXI Products meet ANSI/NSF Standard 61 see page 2

The 101BS and 202BS style service saddles incorporate stainless steel bands in place of the standard silicon bronze straps. This combination of brass and stainless provides the perfect answer for strength and flexibility. The stainless easily conforms to the surface of PVC pipe and the brass provides the required strength to support service lines. The 101BS and 202BS style saddles are ideally suited for tapping C900 PVC pipe. These saddles conform to the recommendation of Uni-Bell and AWWA.

Style 101BS Single Band Saddles for C900 PVC Pipe For 3/4" and 1" Taps



To Order: Add tap code from the table at the bottom of page 21 to catalog number.
Example: A saddle for 12" C900 PVC with 1" CC tap would be 101BS-1320-CC4.

NOM. PIPE SIZE	PIPE O.D.	CATALOG NUMBER	APPROX. WT. LBS.	STD. PKG. QTY.
4"	4.80	101BS-480-Tap	3.0	10
6"	6.90	101BS-690-Tap	3.8	10
8"	9.05	101BS-905-Tap	4.4	5
10"	11.10	101BS-1110-Tap	5.4	1
12"	13.20	101BS-1320-Tap	5.9	1

Style 202BS Double Band Saddles for C900 PVC For 3/4" and 2" Taps Steel Size PVC For 3/4" and 1" Taps



To Order: Add tap code from the table at the bottom of page 21 to catalog number.
Example: A saddle for 12" C900 PVC with 1" CC tap would be 202BS-1320-CC4.

NOM. PIPE SIZE	PIPE O.D.	CATALOG NUMBER	APPROX. WT. LBS. 3/4" & 1" TAPS	STD. PKG. QTY.	APPROX. WT. LBS. 1-1/2" & 2" TAPS	STD. PKG. QTY.
4"	4.80	202BS-480-Tap	6.6	5	7.6	6
	6.63	202BS-663-Tap	7.7	-	N/A	-
6"	6.90	202BS-690-Tap	7.7	3	8.8	3
	8.63	202BS-863-Tap	8.8	-	N/A	-
8"	9.05	202BS-905-Tap	8.8	3	9.8	3
	10.75	202BS-1075-Tap	10.7	-	NA	-
10"	11.10	202BS-1110-Tap	10.7	4	12.2	4
	12.75	202BS-1275-Tap	11.8	-	N/A	-
12"	13.20	202BS-1320-Tap	11.8	3	13.3	3
	14"	15.30	202BS-1530-Tap	18.0	1	17.5
16"	17.40	202BS-1740-Tap	23.0	1	22.5	1
18"	19.50	202BS-1950-Tap	25.0	1	24.5	1
20"	21.60	202BS-2160-Tap	25.5	1	25.0	1
24"	25.80	202BS-2580-Tap	26.0	1	25.5	1
30"	32.00	202BS-3200-Tap	27.0	1	26.5	1

Style 202BS Double Band Brass Saddles For 3/4" through 2" Taps

To Order: Add tap code from the table at the bottom of page 21 to the catalog number. For example, a saddle for 20" cast iron pipe with 1" CC tap would be 202BS-2220-CC4.



NOM. PIPE SIZE	O.D. RANGE	CATALOG NUMBER	APPROX. WT. LBS. 3/4" & 1" TAPS	STD. PKG. QTY.	APPROX. WT. LBS. 1-1/2" & 2" TAPS	STD. PKG. QTY.
14"	15.30-16.25	202BS-1625-Tap	18.0	1	17.5	1
	16.30-17.25	202BS-1725-Tap	19.1	1	18.6	1
16"	17.40-18.40	202BS-1840-Tap	23.0	1	22.5	1
	18.50-19.25	202BS-1925-Tap	24.0	1	23.5	1
18"	19.50-20.50	202BS-2050-Tap	25.0	1	24.5	1
	21.20-22.20	202BS-2220-Tap	25.5	1	25.0	1
20"	22.50-23.50	202BS-2350-Tap	25.7	1	25.2	1
	23.80-24.80	202BS-2480-Tap	26.0	1	25.5	1
24"	25.60-26.50	202BS-2650-Tap	26.5	1	26.0	1
	30"	31.74-32.74	202BS-3274-Tap	27.0	1	26.5

Ford Ductile Iron Service Saddles

Styles F101, FS101 and FC101

Styles F202, FS202 and FC202

Ford Ductile Iron Service Saddles have a wide range and are designed for use on asbestos-cement, cast or ductile iron, and PVC pipe. They offer a simple, yet satisfactory, means of tapping water main pipe. The FS and FC Styles are recommended for use in highly corrosive areas and the stainless steel bands are especially recommended for use on PVC. Ford Style FS and FC Saddles should be pre-sized when used on C900 PVC pipe. Pre-sized saddles will conform to the pipe O.D. without placing undue stress on the PVC pipe. The Ford Meter Box Company endorses full compliance with the standard tapping practices and recommended material requirements for tapping PVC pipe outlined in the Uni-Bell Handbook of PVC Pipe and the AWWA Manual M23.

One side of the saddle has closed lugs to allow pre-assembly of the saddle straps to facilitate installation. The heavy-duty outlet gasket maintains a positive seal in excess of the pipe rating.

Specifications

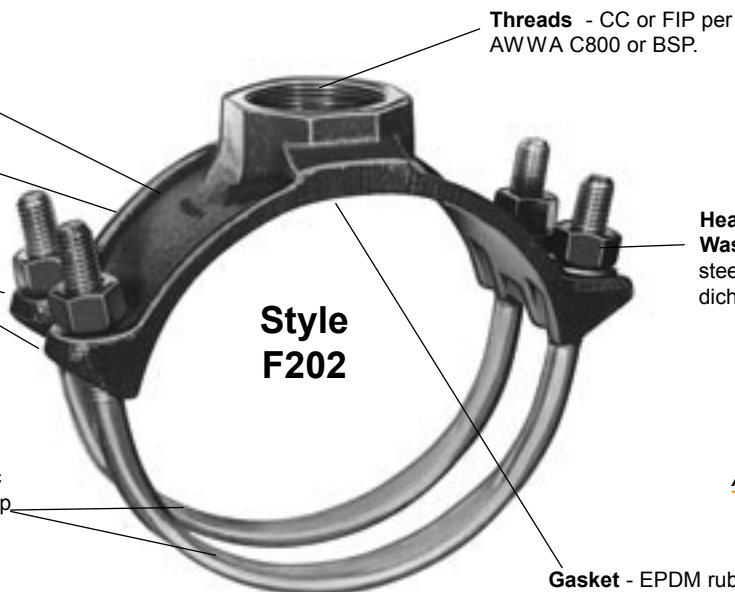
F101 and F202

Body - High strength ductile iron per ASTM A536.

Finish - Black E-coating.

Bolt Lugs - One side of the saddle body has closed bolt lugs for easy installation.

Straps - 5/8" AISI C1010 steel, zinc plated with trivalent seal. Each strap has 5/8" flat bearing surface. 1/2" straps are furnished on saddles 3" and smaller.



LXI Products meet
ANSI/NSF Standard 61
see page 2

FS101 and FS202

Finish - Black E-coating.



Nuts and Washers - 18-8 type 304 stainless steel. 1/2" or 5/8" heavy hex nuts and washers are coated to prevent galling.

Gaskets - EPDM rubber ASTM D2000.

Band and Bolts - Wide band and 5/8" UNC threaded bolts of 18-8 type 304 stainless steel. 1/2" bolts are furnished on saddles 3" and smaller. Welds are fully passivated for corrosion resistance.

FC101 and FC202

Finish - Approximately 12 mils of fusion applied epoxy coating.



LXI Products meet
ANSI/NSF Standard 61
see page 2

Ford Ductile Iron Service Saddles Styles F101, FS101 and FC101



LXI Products meet
ANSI/NSF Standard 61
see page 2

Single Strap for 3/4" and 1" Taps



F101 Standard Strap



FS101 (with Stainless Steel Band and Bolts)



FC101 (Epoxy Coated with Stainless Steel Band and Bolts)

To Order: Select the catalog number for the desired pipe range and complete catalog number by adding the tap code from the table at the bottom of the page. Example: A standard single strap saddle for 6.90 ductile iron pipe with a 3/4" CC thread would be F101-760-CC3.

NOM. PIPE SIZE	PIPE O.D. RANGE	CATALOG NUMBER	CATALOG NUMBER	CATALOG NUMBER	STD. PKG. QTY.	APPROX. WT. LBS.
		STANDARD STRAP	STAINLESS BAND	EPOXY COATED		
2"	2.35-2.50	F101-250-Tap	FS101-250-Tap	FC101-250-Tap	10	1.8
2-1/2"	2.75-2.90	F101-290-Tap	FS101-290-Tap	FC101-290-Tap	8	2.0
3"	3.46-3.80	F101-380-Tap	FS101-380-Tap	FC101-380-Tap	8	2.1
	3.80-4.25	F101-425-Tap	FS101-425-Tap	FC101-425-Tap	6	2.4
4"	4.26-4.73	F101-473-Tap	FS101-473-Tap	FC101-473-Tap	6	2.8
	4.74-5.26	F101-526-Tap	* FS101-526-Tap	* FC101-526-Tap	6	3.0
6"	5.94-6.69	F101-669-Tap	FS101-669-Tap	FC101-669-Tap	5	3.5
	6.63-6.90	F101-690-Tap	* FS101-690-Tap	* FC101-690-Tap	6	-
	6.84-7.60	F101-760-Tap	FS101-760-Tap	FC101-760-Tap	6	3.6
8"	7.93-8.71	F101-871-Tap	* FS101-871-Tap	* FC101-871-Tap	6	3.8
	8.63-9.05	F101-905-Tap	FS101-905-Tap	FC101-905-Tap	6	-
	8.99-9.79	F101-979-Tap	FS101-979-Tap	FC101-979-Tap	8	4.3
10"	10.00-10.75	F101-1075-Tap	FS101-1075-Tap	FC101-1075-Tap	8	4.4
	11.10-12.12	F101-1212-Tap	FS101-1212-Tap	FC101-1212-Tap	8	4.8
12"	12.00-12.75	F101-1275-Tap	FS101-1275-Tap	FC101-1275-Tap	8	5.9
	13.20-14.38	F101-1438-Tap	FS101-1438-Tap	FC101-1438-Tap	8	6.7

FS101 and FC101 Saddles Sized for C900 PVC

To Order: Select the catalog number for the desired pipe O.D. and complete the catalog number by adding the tap code. Example: An FS101 style saddle for 12" C900 PVC with a 3/4" CC thread tap would be FS101-1320-CC3

NOM. PIPE SIZE	PIPE O.D.	CATALOG NUMBER	CATALOG NUMBER	STD. PKG. QTY.	APPROX. WT. LBS.
		STAINLESS BAND	EPOXY COATED		
4"	4.80	*FS101-480-Tap	*FC101-480-Tap	12	3.0
6"	6.90	*FS101-690-Tap	*FC101-690-Tap	6	3.6
8"	9.05	*FS101-905-Tap	*FC101-905-Tap	6	4.3
10"	11.10	FS101-1110-Tap	FC101-1110-Tap	8	4.8
12"	13.20	FS101-1320-Tap	FC101-1320-Tap	8	6.7

* These saddles are available with 1-1/4", 1-1/2", and 2" taps.

OUTLET THREAD TAP CODE

CC (AWWA) THREAD		FIP THREAD		BSP THREAD	
THREAD	CODE	THREAD	CODE	THREAD	CODE
3/4" CC	CC3	3/4" IP	IP3	3/4" BSP	BSP3
1" CC	CC4	1" IP	IP4	1" BSP	BSP4
1-1/4" CC	CC5	1-1/4" IP	IP5	1-1/4" BSP	BSP5
1-1/2" CC	CC6	1-1/2" IP	IP6	1-1/2" BSP	BSP6
2" CC	CC7	2" IP	IP7	2" BSP	BSP7



LXI Products meet
ANSI/NSF Standard 61
see page 2

Ford Ductile Iron Service Saddles Styles F202, FS202 and FC202

Double Strap Saddles for 3/4" through 2-1/2" Taps

Ford Double Strap or Band saddles are recommended for larger taps and for use on larger O.D. pipe. Double strap saddles equalize the pressure on the pipe and can be used on asbestos-cement, cast or ductile iron pipe.

The FS and FC styles are recommended for use in highly corrosive areas and the stainless steel bands are especially recommended for use on PVC pipe. Ford Styles FS and FC saddles should be pre-sized when used on PVC pipe. Pre-sized saddles will conform to the pipe O.D. without placing undue stress on the PVC pipe. A separate listing of FS202 and FC202 saddles sized for C900 PVC is shown on page 26. The Ford Meter Box Company endorses full compliance with the standard tapping practices and recommended material requirements for tapping PVC pipe outlined in Uni-Bell Handbook of PVC Pipe and AWWA Manual M23.

The open and closed lug design allows pre-assembly of the straps, thus ensuring a safe yet simple installation. The heavy duty gasket assures the saddle will maintain pressure in excess of the pipe rating.



Standard Straps



Stainless Band



Stainless Band & Epoxy Coated

To Order: Select the catalog number below for the desired pipe O.D. range and complete the catalog number by adding the outlet thread tap code from the bottom of page 26. Example: A standard double strap saddle for 6.90 ductile iron pipe with a 2" CC thread tap would be F202-760-CC7.

NOM. PIPE SIZE	PIPE O.D. RANGE	CATALOG NUMBER	CATALOG NUMBER	CATALOG NUMBER	PKG. QTY. 3/4" & 1" TAPS	PKG. QTY. 1-1/4" - 2-1/2" TAPS	APPROX. WT. LBS.
		STANDARD STRAP	STAINLESS BAND	EPOXY COATED			
2"	2.35-2.50	F202-250-Tap	FS202-250-Tap	FC202-250-Tap	8	-	2.8
2-1/2"	2.75-2.90	F202-290-Tap	FS202-290-Tap	FC202-290-Tap	8	-	2.8
3"	* 3.46-3.80	F202-380-Tap	FS202-380-Tap	FC202-380-Tap	6	*6	4.8
	* 3.80-4.25	F202-425-Tap	FS202-425-Tap	FC202-425-Tap	6	*6	5.5
	* 4.26-4.73	F202-473-Tap	FS202-473-Tap	FC202-473-Tap	6	*6	5.4
4"	** 4.50-4.80	F202-480-Tap	FS202-480-Tap	FC202-480-Tap	6	6	5.4
	4.74-5.26	F202-526-Tap	FS202-526-Tap	FC202-526-Tap	6	6	5.4
	■ 4.74-5.00	F202-500-Tap	FS202-500-Tap	FC202-500-Tap	-	6	5.4
	■ 4.97-5.26	F202-526-Tap	FS202-526-Tap	FC202-526-Tap	-	6	5.4
6"	5.94-6.69	F202-669-Tap	FS202-669-Tap	FC202-669-Tap	5	4	5.7
	6.63-6.90	F202-690-Tap	FS202-690-Tap	FC202-690-Tap	4	4	5.7
	6.84-7.60	F202-760-Tap	FS202-760-Tap	FC202-760-Tap	4	4	6.7
8"	7.93-8.71	F202-871-Tap	FS202-871-Tap	FC202-871-Tap	5	4	6.8
	▲ 8.63-9.05	F202-905-Tap	FS202-905-Tap	FC202-905-Tap	4	4	8.2
	8.99-9.79	F202-979-Tap	FS202-979-Tap	FC202-979-Tap	4	6	8.4
10"	10.00-10.75	F202-1075-Tap	FS202-1075-Tap	FC202-1075-Tap	3	3	9.4
	10.75-11.10	F202-1110-Tap	FS202-1110-Tap	FC202-1110-Tap	4	4	9.0
	11.10-12.12	F202-1212-Tap	FS202-1212-Tap	FC202-1212-Tap	3	3	10.8
12"	12.00-12.75	F202-1275-Tap	FS202-1275-Tap	FC202-1275-Tap	3	3	11.0
	** 12.75-13.20	F202-1320-Tap	FS202-1320-Tap	FC202-1320-Tap	2	2	11.5
	13.20-14.38	F202-1438-Tap	FS202-1438-Tap	FC202-1438-Tap	2	2	12.8
14"	15.30-16.25	F202-1625-Tap	FS202-1625-Tap	FC202-1625-Tap	1	1	11.9
	16.30-17.25	F202-1725-Tap	FS202-1725-Tap	FC202-1725-Tap	1	1	12.9
16"	17.40-18.40	F202-1840-Tap	FS202-1840-Tap	FC202-1840-Tap	2	2	13.1
	18.50-19.25	F202-1925-Tap	FS202-1925-Tap	FC202-1925-Tap	1	1	12.9
18"	19.50-20.50	F202-2050-Tap	FS202-2050-Tap	FC202-2050-Tap	1	1	13.1
20"	21.20-22.20	F202-2220-Tap	FS202-2220-Tap	FC202-2220-Tap	1	1	13.2
	22.50-23.50	F202-2350-Tap	FS202-2350-Tap	FC202-2350-Tap	1	1	13.3
24"	23.80-24.80	F202-2480-Tap	FS202-2480-Tap	FC202-2480-Tap	1	1	13.4
	25.60-26.50	F202-2650-Tap	FS202-2650-Tap	FC202-2650-Tap	1	1	13.9
30"	31.74-32.74	F202-3274-Tap	FS202-3274-Tap	FC202-3274-Tap	1	1	14.8

* Saddles for this pipe range are not available with 2" CC or 2-1/2" IP threads.

** These saddles with 1-1/4" - 2-1/2" taps fit the top of the listed range only. Example: F202-1320-CC7 fits 13.20" pipe O.D. only.

▲ This saddle with 2" CC or 2-1/2" IP fits 9.05" O.D. pipe only.

■ This saddle is only available with 2" CC (CC7) or 2-1/2" IP (IP8) taps.

Note: The table of outlet thread tap codes for double strap saddles is at the bottom of page 26.

Ford Ductile Iron Service Saddles Styles FS202 and FC202 For C900/C905 PVC



LXI Products meet
ANSI/NSF Standard 61
see page 2

Stainless Steel Double Band Saddles for 3/4" through 2-1/2" Taps



Stainless Band



Stainless Band
& Epoxy Coated

FS202 and FC202 Saddles Sized for C900/C905 PVC

To Order: Select the catalog number for the desired pipe O.D. and complete the catalog number by adding the outlet thread tap code. Example: An FS202 style saddle for 12" C900 PVC with a 2" CC thread would be FS202-1320-CC7.

NOM. PIPE SIZE	PIPE O.D.	CATALOG NUMBER	CATALOG NUMBER	PKG. QTY 3/4" & 1" TAPS	PKG. QTY. 1-1/4" - 2-1/2" TAPS	APPROX. WT. LBS.
		STAINLESS STEEL	EPOXY COATED			
4"	4.80	FS202-480-Tap	FC202-480-Tap	6	6	5.4
6"	6.90	FS202-690-Tap	FC202-690-Tap	5	4	5.7
8"	9.05	FS202-905-Tap	FC202-905-Tap	6	4	8.2
10"	11.10	FS202-1110-Tap	FC202-1110-Tap	3	3	9.0
12"	13.20	FS202-1320-Tap	FC202-1320-Tap	3	3	11.5
14"	15.30	FS202-1530-Tap	FC202-1530-Tap	1	1	11.9
16"	17.40	FS202-1740-Tap	FC202-1740-Tap	1	1	13.1
18"	19.50	FS202-1950-Tap	FC202-1950-Tap	1	1	13.1
20"	21.60	FS202-2160-Tap	FC202-2160-Tap	1	1	13.2
24"	25.80	FS202-2580-Tap	FC202-2580-Tap	1	1	13.9
30"	32.00	FS202-3200-Tap	FC202-3200-Tap	1	1	14.8

OUTLET THREAD TAP CODE

CC (AWWA) THREAD		FIP THREAD		BSP THREAD	
THREAD	CODE	THREAD	CODE	THREAD	CODE
3/4" CC	CC3	3/4" IP	IP3	3/4" BSP	BSP3
1" CC	CC4	1" IP	IP4	1" BSP	BSP4
1-1/4" CC	CC5	1-1/4" IP	IP5	1-1/4" BSP	BSP5
1-1/2" CC	CC6	1-1/2" IP	IP6	1-1/2" BSP	BSP6
2" CC	CC7	2" IP	IP7	2" BSP	BSP7
-	-	2-1/2"	IP8	-	-



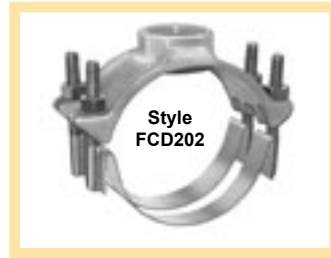
LXI Products meet
ANSI/NSF Standard 61
see page 2

Ford Ductile Iron Service Saddles Styles FSD202 and FCD202

Stainless Steel Dual Band Saddles for 3/4" through 2-1/2" Taps



Stainless Band



Stainless Band
& Epoxy Coated

FSD202 and FCD202 Dual Band Saddles (with Dual Stainless Steel Band and Bolts)

NOM. PIPE SIZE	PIPE O.D.	CATALOG NUMBER	CATALOG NUMBER	CTN. QTY	CTN. QTY.	APPROX. WT. LBS.
		STAINLESS STEEL	EPOXY COATED	3/4" & 1" TAPS	1-1/4" - 2-1/2" TAPS	
2"	2.35-2.50	FSD202-250-Tap	FCD202-250-Tap	8	-	2.8
2-1/2"	2.75-2.90	FSD202-290-Tap	FCD202-290-Tap	8	-	2.8
3"	*3.46-3.80	FSD202-380-Tap	FCD202-380-Tap	6	6	4.8
	*3.80-4.25	FSD202-425-Tap	FCD202-425-Tap	6	6	5.5
4"	*4.26-4.73	FSD202-473-Tap	FCD202-473-Tap	6	6	5.4
	**4.50-4.80	FSD202-480-Tap	FCD202-480-Tap	6	6	5.4
	▲4.74-5.00	FSD202-500-Tap	FCD202-500-Tap	6	6	5.4
	*4.74-5.26	FSD202-526-Tap	FCD202-526-Tap	6	6	5.4
	▲4.97-5.26	FSD202-526-Tap	FCD202-526-Tap	6	6	5.4
6"	5.94-6.69	FSD202-669-Tap	FCD202-669-Tap	5	4	5.7
	6.63-6.90	FSD202-690-Tap	FCD202-690-Tap	4	4	5.7
	6.84-7.60	FSD202-760-Tap	FCD202-760-Tap	4	4	6.7
8"	7.93-8.71	FSD202-871-Tap	FCD202-871-Tap	4	4	6.8
	8.63-9.05	FSD202-905-Tap	FCD202-905-Tap	3	5	8.2
	8.99-9.79	FSD202-979-Tap	FCD202-979-Tap	3	5	8.4
10"	10.00-10.75	FSD202-1075-Tap	FCD202-1075-Tap	3	3	9.4
	10.75-11.10	FSD202-1110-Tap	FCD202-1110-Tap	3	3	9.0
	11.10-12.12	FSD202-1212-Tap	FCD202-1212-Tap	3	3	10.8
12"	12.00-12.75	FSD202-1275-Tap	FCD202-1275-Tap	3	3	11.0
	**12.75-13.20	FSD202-1320-Tap	FCD202-1320-Tap	3	3	11.5
	13.20-14.38	FSD202-1438-Tap	FCD202-1438-Tap	3	3	12.8
14"	15.30-16.25	FSD202-1625-Tap	FCD202-1625-Tap	1	1	11.9
	16.30-17.25	FSD202-1725-Tap	FCD202-1725-Tap	1	1	12.9
16"	17.40-18.40	FSD202-1840-Tap	FCD202-1840-Tap	1	1	13.1
	18.50-19.25	FSD202-1925-Tap	FCD202-1925-Tap	1	1	12.8
18"	19.50-20.50	FSD202-2050-Tap	FCD202-2050-Tap	1	1	13.1
20"	21.20-22.20	FSD202-2220-Tap	FCD202-2220-Tap	1	1	13.2
	22.50-23.50	FSD202-2350-Tap	FCD202-2350-Tap	1	1	13.3
24"	23.80-24.80	FSD202-2480-Tap	FCD202-2480-Tap	1	1	13.4
	25.60-26.50	FSD202-2650-Tap	FCD202-3650-Tap	1	1	13.9
30"	31.74-32.74	FSD202-3274-Tap	FCD202-3274-Tap	1	1	14.8

* Saddles for this pipe range are not available with 2" CC (CC7) or 2-1/2" IP (IP8) threads.

** These saddles with 1-1/4" through 2-1/2" taps fit the top of the listed range only. Example: FSD202-1320-CC7 fits 13.20" pipe O.D. only.

▲ This saddle is only available with 2" CC (CC7) or 2-1/2" IP (IP8) taps.

OUTLET THREAD TAP CODE

CC (AWWA) THREAD		FIP THREAD		BSP THREAD	
THREAD	CODE	THREAD	CODE	THREAD	CODE
3/4" CC	CC3	3/4" IP	IP3	3/4" BSP	BSP3
1" CC	CC4	1" IP	IP4	1" BSP	BSP4
1-1/4" CC	CC5	1-1/4" IP	IP5	1-1/4" BSP	BSP5
1-1/2" CC	CC6	1-1/2" IP	IP6	1-1/2" BSP	BSP6
2" CC	CC7	2" IP	IP7	2" BSP	BSP7
-	-	2-1/2"	IP8	-	-

Fabricated Steel Saddles Styles FS202 and F202

For 3" and 4" Taps

Ford Fabricated Steel Saddles are specifically designed and manufactured for applications requiring a 3" and 4" iron pipe service tap. These products are available with an 18-8 type 304 stainless steel band or with zinc plated C1010 steel straps. Ford Fabricated Steel Saddles have a 150 psi working pressure rating, dependent upon the use of industry standard support and backfill practices.

Ford recommends special fabricated FTS tapping sleeves for air release or vacuum valve applications above 150 psi. Contact Ford Meter Box customer service for more information.

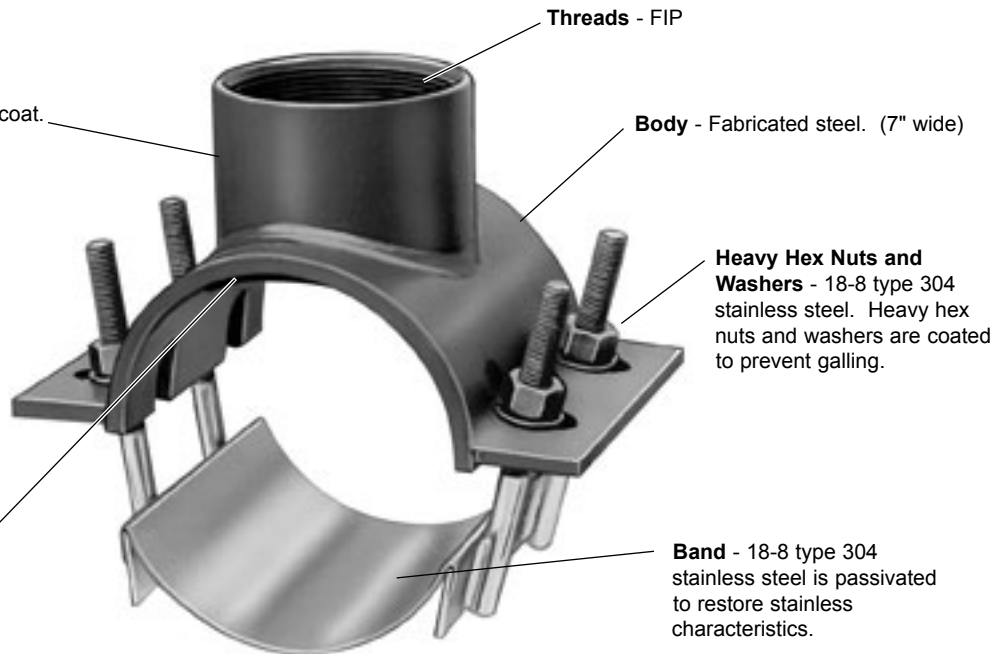
Specifications

FS202

Finish - Black shop coat.



LXI Products meet
ANSI/NSF Standard 61
see page 2



Outlet Gasket - Buna-N
(NBR) rubber ASTM-D2000.

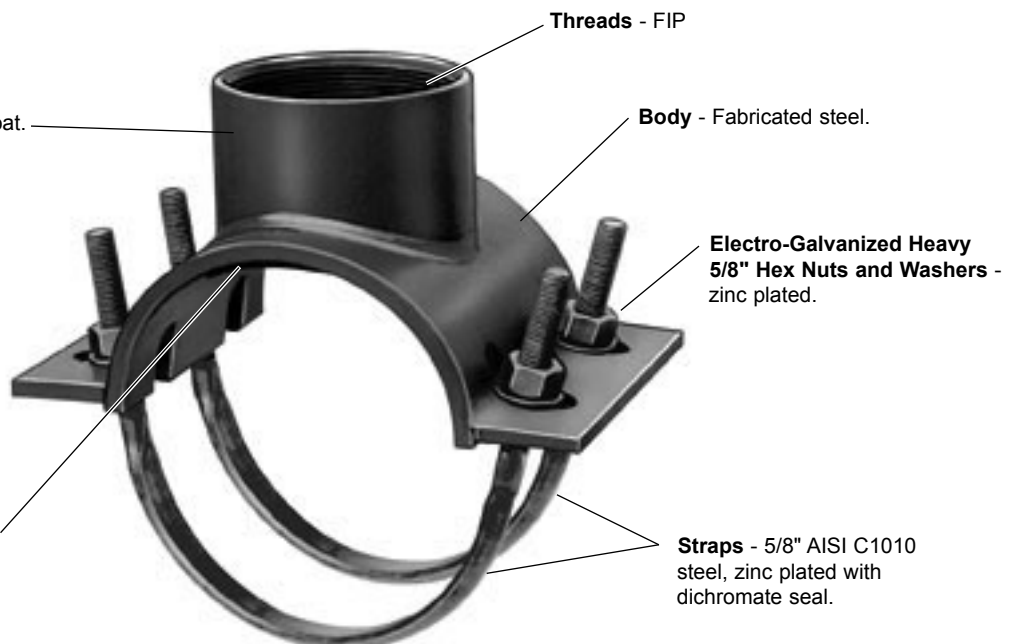
Band - 18-8 type 304
stainless steel is passivated
to restore stainless
characteristics.

F202

Finish - Black shop coat.



LXI Products meet
ANSI/NSF Standard 61
see page 2



Outlet Gasket - Buna-N (NBR)
rubber ASTM-D2000.

Straps - 5/8" AISI C1010
steel, zinc plated with
dichromate seal.



LXI Products meet
ANSI/NSF Standard 61
see page 2

Fabricated Steel Saddles Styles FS202 and F202

For 3" and 4" Taps

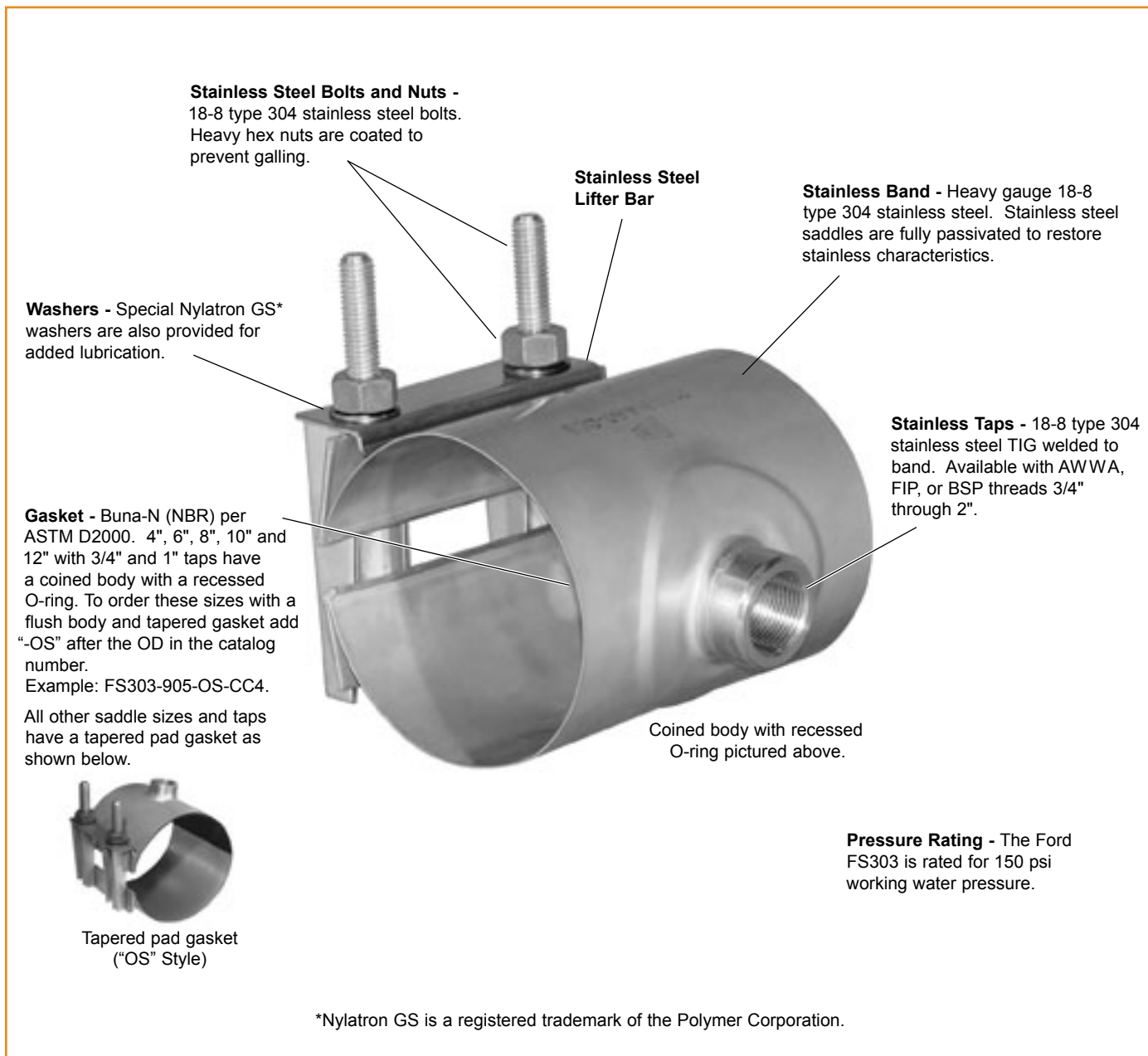
NOM. PIPE SIZE	ACTUAL PIPE O.D.	TAP SIZE	STAINLESS BAND CATALOG NUMBER	STEEL STRAPS CATALOG NUMBER	CTN. QTY.	APPROX. WT. LBS.
6"	6.00	3"	FS202-600-IP9	F202-600-IP9	1	15.7
	6.00	4"	FS202-600-IP11	F202-600-IP11	1	16.1
	6.63	3"	FS202-663-IP9	F202-663-IP9	1	16.0
	6.63	4"	FS202-663-IP11	F202-663-IP11	1	16.3
	6.90	3"	FS202-690-IP9	F202-690-IP9	1	16.4
	6.90	4"	FS202-690-IP11	F202-690-IP11	1	16.7
8"	8.00	3"	FS202-800-IP9	F202-800-IP9	1	16.6
	8.00	4"	FS202-800-IP11	F202-800-IP11	1	17.0
	8.63	3"	FS202-863-IP9	F202-863-IP9	1	16.9
	8.63	4"	FS202-863-IP11	F202-863-IP11	1	17.3
	9.05	3"	FS202-905-IP9	F202-905-IP9	1	17.2
	9.05	4"	FS202-905-IP11	F202-905-IP11	1	17.5
10"	10.00	3"	FS202-1000-IP9	F202-1000-IP9	1	18.0
	10.00	4"	FS202-1000-IP11	F202-1000-IP11	1	19.1
	10.75	3"	FS202-1075-IP9	F202-1075-IP9	1	18.4
	10.75	4"	FS202-1075-IP11	F202-1075-IP11	1	19.5
	11.10	3"	FS202-1110-IP9	F202-1110-IP9	1	18.8
	11.10	4"	FS202-1110-IP11	F202-1110-IP11	1	19.7
12"	12.00	3"	FS202-1200-IP9	F202-1200-IP9	1	20.0
	12.00	4"	FS202-1200-IP11	F202-1200-IP11	1	21.0
	12.75	3"	FS202-1275-IP9	F202-1275-IP9	1	20.5
	12.75	4"	FS202-1275-IP11	F202-1275-IP11	1	21.1
	13.20	3"	FS202-1320-IP9	F202-1320-IP9	1	20.8
	13.20	4"	FS202-1320-IP11	F202-1320-IP11	1	22.1
14"	14.00	3"	FS202-1400-IP9	N/A	1	22.0
	14.00	4"	FS202-1400-IP11	N/A	1	23.0
	15.30	3"	FS202-1530-IP9	N/A	1	22.6
	15.30	4"	FS202-1530-IP11	N/A	1	23.4
16"	16.00	3"	FS202-1600-IP9	N/A	1	23.5
	16.00	4"	FS202-1600-IP11	N/A	1	23.9
	17.40	3"	FS202-1740-IP9	N/A	1	23.7
	17.40	4"	FS202-1740-IP11	N/A	1	24.6
	17.80	3"	FS202-1780-IP9	N/A	1	23.8
	17.80	4"	FS202-1780-IP11	N/A	1	24.1
18"	18.00	3"	FS202-1800-IP9	N/A	1	24.0
	18.00	4"	FS202-1800-IP11	N/A	1	24.4
	19.50	3"	FS202-1950-IP9	N/A	1	24.5
	19.50	4"	FS202-1950-IP11	N/A	1	24.9
20"	20.00	3"	FS202-2000-IP9	N/A	1	24.9
	20.00	4"	FS202-2000-IP11	N/A	1	25.4
	21.60	3"	FS202-2160-IP9	N/A	1	25.0
	21.60	4"	FS202-2160-IP11	N/A	1	25.8
24"	24.00	3"	FS202-2400-IP9	N/A	1	25.9
	24.00	4"	FS202-2400-IP11	N/A	1	26.3
	25.80	3"	FS202-2580-IP9	N/A	1	27.0
	25.80	4"	FS202-2580-IP11	N/A	1	27.5
30"	30.00	3"	FS202-3000-IP9	N/A	1	28.3
	30.00	4"	FS202-3000-IP11	N/A	1	28.7
	32.00	3"	FS202-3200-IP9	N/A	1	29.9
	32.00	4"	FS202-3200-IP11	N/A	1	30.4

Ford Stainless Steel Saddles Style FS303

For 3/4" through 2" Taps

Primarily for use on Standard or C900 PVC Pipe
or for applications in a corrosive environment.

Specifications



Ford Stainless Steel Saddles Style FS303

For 3/4" through 2" Taps

To Order: Add tap code to catalog number. For example: A saddle for 8" PVC with a 1" CC tap would be FS303-905-CC4.

NOM. PIPE SIZE	O.D. RANGE	CATALOG NUMBER	BOLT SIZE	BOLT QTY.	BAND WIDTH		No. OF SECTIONS	APPROX. WT. LBS. BY TAP SIZE	
					3/4" & 1"	1-1/4" - 2"		3/4" & 1"	1-1/4" - 2"
					2"	2.38		FS303-238-Tap	1/2"
2-1/2"	2.88	FS303-288-Tap	1/2"	1	4"	-	1	1.7	-
3"	3.50	FS303-350-Tap	1/2"	1	4"	-	1	2.0	-
4"	4.50-4.80	FS303-480-Tap	1/2"	2	6"	7-1/2"	1	2.4	4.2
	4.74-5.54	FS323-554-Tap	5/8"	2	6"	7-1/2"	2	2.7	4.5
5"	5.56	FS303-556-Tap	5/8"	2	6"	7-1/2"	1	2.7	4.8
6"	6.63-6.90	FS303-690-Tap	5/8"	2	6"	7-1/2"	1	2.9	5.1
	6.40-7.20	FS323-720-Tap	5/8"	4	6"	7-1/2"	2	3.0	5.3
8"	8.63-9.05	FS303-905-Tap	5/8"	2	6"	7-1/2"	1	3.3	5.6
	8.40-9.20	FS323-920-Tap	5/8"	4	6"	7-1/2"	2	3.9	5.9
10"	10.75-11.10	FS303-1110-Tap	5/8"	2	6"	7-1/2"	1	6.2	8.6
	10.70-11.50	FS323-1150-Tap	5/8"	4	6"	7-1/2"	2	6.5	8.9
12"	12.75-13.20	FS303-1320-Tap	5/8"	2	6"	7-1/2"	1	6.8	9.1
	12.70-13.50	FS323-1350-Tap	5/8"	4	6"	7-1/2"	2	7.1	9.3
14"	14.00-14.80	FS323-1480-Tap	5/8"	4	6"	7-1/2"	2	8.7	9.3
	14.95-15.75	FS323-1575-Tap	5/8"	4	6"	7-1/2"	2	9.3	9.9
	15.75-16.55	FS323-1655-Tap	5/8"	4	6"	7-1/2"	2	9.8	10.4
16"	15.60-16.40	FS323-1640-Tap	5/8"	4	6"	7-1/2"	2	9.8	10.3
	16.40-17.20	FS323-1720-Tap	5/8"	4	6"	7-1/2"	2	10.2	10.9
	17.20-18.00	FS323-1800-Tap	5/8"	4	6"	7-1/2"	2	10.7	11.4
18"	17.60-18.40	FS323-1840-Tap	5/8"	4	6"	7-1/2"	2	11.0	11.6
	18.00-18.80	FS323-1880-Tap	5/8"	4	6"	7-1/2"	2	11.2	11.9
	18.40-19.20	FS323-1920-Tap	5/8"	4	6"	7-1/2"	2	11.5	12.2
	18.80-19.60	FS323-1960-Tap	5/8"	4	6"	7-1/2"	2	12.0	12.4
	19.20-20.00	FS323-2000-Tap	5/8"	4	6"	7-1/2"	2	12.0	12.7
20"	21.40-22.60	FS333-2260-Tap	5/8"	6	6"	7-1/2"	3	13.3	14.1
	22.80-24.00	FS333-2400-Tap	5/8"	6	6"	7-1/2"	3	14.2	15.1
	23.45-24.65	FS333-2465-Tap	5/8"	6	6"	7-1/2"	3	14.6	15.5
24"	24.45-25.65	FS333-2565-Tap	5/8"	6	6"	7-1/2"	3	15.2	16.1
	25.50-26.70	FS333-2670-Tap	5/8"	6	6"	7-1/2"	3	15.9	16.8
	28.25-29.45	FS333-2945-Tap	5/8"	6	6"	7-1/2"	3	17.6	18.7
30"	29.40-30.60	FS333-3060-Tap	5/8"	6	6"	7-1/2"	3	18.0	19.0
	29.85-31.05	FS333-3105-Tap	5/8"	6	6"	7-1/2"	3	18.6	19.7
	30.85-32.05	FS333-3205-Tap	5/8"	6	6"	7-1/2"	3	19.2	20.4

Other sizes and ranges available. Contact factory for details.

OUTLET THREAD TAP CODE

CC (AWWA) THREAD		FIP THREAD		BSP THREAD	
THREAD	CODE	THREAD	CODE	THREAD	CODE
3/4" CC	CC3	3/4" IP	IP3	3/4" BSP	BSP3
1" CC	CC4	1" IP	IP4	1" BSP	BSP4
1-1/4" CC	CC5	1-1/4" IP	IP5	1-1/4" BSP	BSP5
1-1/2" CC	CC6	1-1/2" IP	IP6	1-1/2" BSP	BSP6
2" CC	CC7	2" IP	IP7	2" BSP	BSP7

Ford Repair Saddles

Style FRS202 Double Band

Specifications

Body - 7-1/2" wide, 18-8 type 304 stainless steel for corrosion control. All welds are fully passivated to restore stainless steel characteristics.

Outlet - 18-8 type 304 stainless steel available in 3/4" through 2" FIP, AWWA or BSP threads.

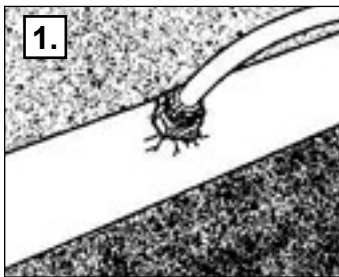
Bolts and Nuts - 18-8 type 304 stainless steel 5/8" UNC threads. Heavy hex nuts are coated to prevent galling. Special Nylatron GS* washers are also provided for added lubrication.

Lifter Bar - 18-8 type 304 stainless steel provides a heavy bearing surface for nuts.

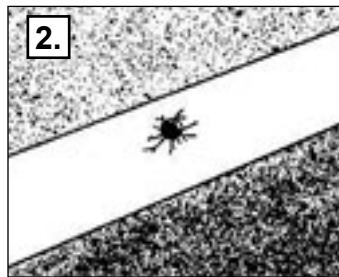
Gasket - Tapered Buna-N with circular grid as per ASTM D2000.

Pressure Rating - The Ford FRS Stainless Steel Repair Saddle is rated for 150 PSI working water pressure.

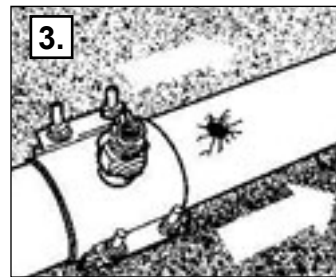
*Nylatron GS is a registered trademark of the Polymer Corporation.



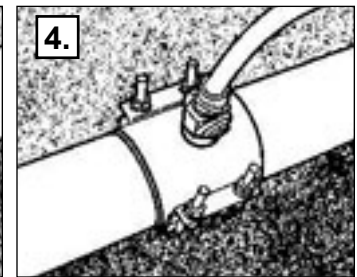
1. Confirm the leak location by cleaning and examining pipe.



2. Shut off the water supply and remove the corporation stop from the pipe.



3. Install the corporation stop into the saddle and position loosely on the pipe next to the hole.



4. Center the saddle over the damaged pipe hole and tighten the saddle onto the pipe.

To Order: Add tap code number to catalog number. For example: A repair saddle for use on 9.05 iron pipe with a 2" CC tap would be FRS202-979-CC7.

NOM. PIPE SIZE	O.D. RANGE	CATALOG NUMBER	APPROX. Wt. LBS.	BAND	
				QUANTITY	WIDTH
4"	4.75-5.35	FRS202-535-Tap	7.5	2	2"
6"	6.85-7.60	FRS202-760-Tap	8.0	2	2"
8"	9.00-9.79	FRS202-979-Tap	8.8	2	2"
10"	11.00-11.80	FRS202-1180-Tap	11.0	2	2"
	11.50-12.25	FRS202-1225-Tap	12.3	2	2"
12"	13.10-13.90	FRS202-1390-Tap	13.9	2	2"
	13.60-14.40	FRS202-1440-Tap	14.5	2	2"
14"	15.20-16.00	FRS202-1600-Tap	-	2	2"
16"	17.20-18.00	FRS202-1800-Tap	-	2	2"
18"	19.20-20.00	FRS202-2000-Tap	-	1	7"
20"	21.40-22.20	FRS202-2220-Tap	-	1	7"
24"	23.20-24.00	FRS202-2400-Tap	-	1	7"
	25.60-26.40	FRS202-2640-Tap	-	1	7"

OUTLET THREAD TAP CODE

CC (AWWA) THREAD		FIP THREAD		BSP THREAD	
THREAD	CODE	THREAD	CODE	THREAD	CODE
3/4" CC	CC3	3/4" IP	IP3	3/4" BSP	BSP3
1" CC	CC4	1" IP	IP4	1" BSP	BSP4
1-1/4" CC	CC5	1-1/4" IP	IP5	1-1/4" BSP	BSP5
1-1/2" CC	CC6	1-1/2" IP	IP6	1-1/2" BSP	BSP6
2" CC	CC7	2" IP	IP7	2" BSP	BSP7

O.D. Chart

PIPE SIZE	PVC (STEEL SIZE)	PVC C900	CAST IRON			ASBESTOS-CEMENT			STEEL			
	O.D.	O.D.	CLASSES		O.D.	CLASS	MACHINED END O.D.	ROUGH BARREL O.D. MIN - MAX	TYPE	O.D.		
			PIT	SPUN								
1/2"	.84								STD.	.84		
3/4"	1.05								STD.	1.05		
1"	1.32								STD.	1.32		
1-1/4"	1.66								STD.	1.66		
1-1/2"	1.90								STD.	1.90		
2"	2.38	2.50			2.50				STD.	2.38		
2-1/2"	2.88								STD.	2.88		
3"	3.50		A	50 - 350	3.80	100	3.74	4.00	O.D.	3.00		
			B, C, D		3.96	150	3.84			STD.	3.50	
						200	3.84			4.29		
3-1/2"								STD.	4.00			
4"	4.50	4.80	A	50 - 350	4.80	100	4.64	4.79 - 5.14	O.D.	4.00		
			B, C, D		5.00	150	4.81			STD.	4.50	
						200	4.81			5.22 - 5.57		
4-1/2"								STD.	5.00			
5"								STD.	5.56			
6"	6.63	6.90	A	50 - 350	6.90	100	6.91	7.05 - 7.40	O.D.	6.00		
			B, C, D		7.10	150	6.91			STD.	6.63	
			E, F		7.22	200	6.91			7.26 - 7.56		
7"								STD.	7.63			
8"	8.63	9.05	A, B	50 - 300	9.05	100	9.11	9.22 - 9.57	O.D.	8.00		
			C, D		9.30	150	9.11			STD.	8.63	
			E, F		9.42	200	9.11			9.39 - 9.74		
9"								STD.	9.63			
10"	10.75	11.10	A, B	50 - 200	11.10	100	11.24	11.42 - 11.77	O.D.	10.00		
			C, D		11.40	150	11.66			STD.	10.75	
			E, F		11.60	200	11.66			11.77 - 12.12		
12"	12.75	13.20	A, B	50 - 200	13.20	100	13.44	13.69 - 14.04	O.D.	12.00		
			C, D		13.50	150	13.92			STD.	12.75	
			E, F		13.76	200	13.92			14.03 - 14.38		
14"			A, B	50 - 100	15.30	100	15.07	15.40 - 15.80	O.D.	14.00		
			C, D		150 - 300	15.65	150				16.22	16.38 - 16.73
			E, F			15.98	200				16.22	
16"			A, B	50 - 100		17.40	100	17.14	17.54 - 17.94	O.D.	16.00	
			C, D		150 - 300	17.80	150	18.46				18.62 - 18.97
			E, F			18.16	200	18.46				
18"			A, B	50 - 100		19.50	100	19.90	20.44	STD.	18.00	
			C, D		150 - 250	19.92	150	20.94				21.20
						200	22.18					
20"			A, B	50 - 100		21.60	100	22.12	22.50	STD.	20.00	
			C, D		150 - 250	22.06	150	23.28				23.54
						200	24.66					
22"									STD.	22.00		
24"			A, B	50 - 100	25.80	100	26.48	27.17	STD.	24.00		
			C, D		150 - 250	26.32	150				27.96	28.22
						200	29.62					

Note: Due to variations in outside diameters and specifications, dimensions listed above are approximate. For this reason, determine the exact pipe O.D. before ordering Ford Pipe Repair Products, Tapping Sleeves and Saddles.