

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.

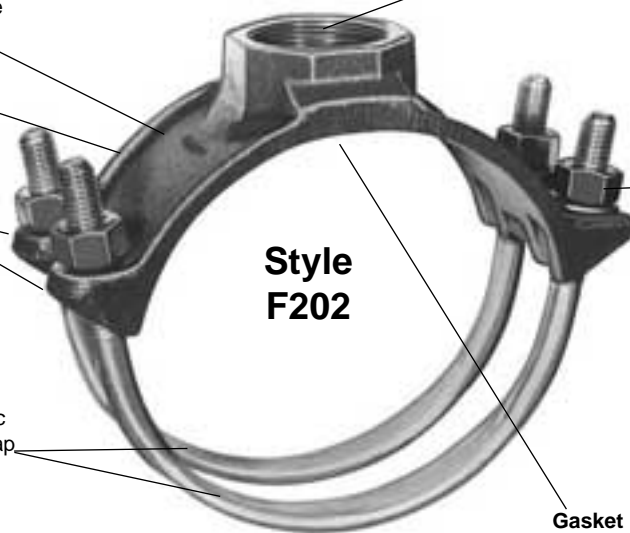
Finish - Black E-coating.

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.

Threads - CC or FIP per AWWA C800 or BSP.

Heavy Hex Nuts and Washers - 1/2" or 5/8" AISI steel alloy, zinc plated, with dichromate seal.



Style F202

Gasket - EPDM rubber ASTM-D2000.



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.



Style FS202

Gaskets - EPDM rubber ASTM D2000.

3-1/4" minimum width (FS202)

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.



Style FC101

2" minimum width (FC101)



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



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	-	-