



Service Saddle

Ductile Iron Body, Double Bale

331



Description:

Double bale Ductile Iron repair saddle with large concentric-ribbed gasket and Carbon Steel bales.

Application: Pulled out or broken direct taps, stripped threads, cracked pipe or new installations where wide gasket coverage is desired.

Key Features:

- Meets applicable AWWA C800 Standards
- The wide saddle body provides stability on the pipe
- Concentric ribbed gasket conforms to pipe surface irregularities to assure dependable seal
- NPT, CC and other threaded outlets available in sizes 5/8" to 2"
- Excellent way to repair and restore a damaged branch connection in one operation
- In conjunction with the bales, a closed lug on one side acts as a hinge for easier installation

Materials Specifications (subject to change):

BODIES: Ductile Iron per ASTM A536

BALES: Carbon Steel ASTM A108 (C1018) or HSLA (C111) electro-galvanized with di-chromate seal ASTM B633

NUTS: Cold formed semi-finished heavy hex Steel A563 electro-galvanized with di-chromate seal ASTM B633

WASHERS: Carbon Steel ASTM A108, electro-galvanized with a di-chromate seal ASTM B633

GASKET: Nitrile (Buna N) NSF 61 compounded to resist oil, acids, alkalies, most (aliphatic) hydrocarbon fluids, water and other chemicals

Temperature Range: -20°F to 180°F

FINISH: Flexi-Coat® Fusion-Bonded Epoxy Finish per AWWA C213

Optional Bales: Type 304 Stainless Steel

Working Pressure: Up to 300 PSI, depending on size and application

Pipe Applications: Steel, Ductile Iron, Cast Iron, Asbestos Cement

Taps: 3/4", 1", 1 1/4", 1 1/2" and 2" NPT taps; 5/8", 3/4", 1", 1 1/4" and 1 1/2" CC taps

Sizes (in inches): Varies by tap type; see tables for size details.



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BSP Thread Tap Codes

SIZE	CODE NUMBER	EXAMPLE
1/2"	59	3/4" CC 331-00053207-000
3/4"	50	
1"	51	
1 1/4"	54	
1 1/2"	52	3/4" BSP 331-00053250-000
2"	53	
2 1/2"	55	
3"	56	

5/8", 3/4" and 1" CC Taps

STANDARD			CATALOG NUMBER			CTN. QTY	METRIC		
NOM. SIZES INCHES	O.D. RANGE INCHES	WT. EACH LBS.	5/8" CC/16 MM	3/4" CC/20 MM	1" CC/25 MM		NOM. SIZE MM	O.D. RANGE MM	WT. EACH KG.
4	4.79-5.32	7	331-00053205-000	331-00053207-000	331-00053209-000	4	100	122-135	3
6	6.90-7.40	8	331-00074005-000	331-00074007-000	331-00074009-000	4	150	175-188	4
8	9.00-9.63	10	331-00096305-000	331-00096307-000	331-00096309-000	4	200	229-244	4
10	11.04-12.12	13	331-00121205-000	331-00121207-000	331-00121209-000	4	250	281-307	6
12	13.14-14.38	15	331-00143805-000	331-00143807-000	331-00143809-000	4	300	334-365	7

3/4" and 1" NPT Taps

STANDARD			CATALOG NUMBER		CTN. QTY	METRIC		
NOM. SIZES INCHES	O.D. RANGE INCHES	WT. EACH LBS.	3/4" NPT/20 MM	1" NPT/25 MM		NOM. SIZE MM	O.D. RANGE MM	WT. EACH KG.
4	4.79-5.32	7	331-00053206-000	331-00053208-000	4	100	122-135	3
6	6.90-7.40	8	331-00074006-000	331-00074008-000	4	150	175-188	4
8	9.00-9.63	10	331-00096306-000	331-00096308-000	4	200	229-244	4
10	11.04-12.12	13	331-00121206-000	331-00121208-000	4	250	281-307	6
12	13.14-14.38	15	331-00143806-000	331-00143808-000	4	300	334-365	7

1¼", 1½" and 2" NPT Taps

STANDARD			CATALOG NUMBER			CTN. QTY	METRIC		
NOM. SIZES INCHES	O.D. RANGE INCHES	WT. EACH LBS.	1-1/4" NPT/32 MM	1-1/2" NPT/32 MM	2" NPTC/50 MM		NOM. SIZE MM	O.D. RANGE MM	WT. EACH KG.
4	4.79-5.32	7	331-00053210-000	331-00053212-000	331-00053214-000	4	100	122-135	3
6	6.90-7.40	8	331-00074010-000	331-00074012-000	331-00074014-000	4	150	175-188	4
8	9.00-9.63	10	331-00096310-000	331-00096312-000	331-00096314-000	4	200	229-244	4
10	11.04-12.12	13	331-00121210-000	331-00121212-000	331-00121214-000	4	250	281-307	6
12	13.14-14.38	15	331-00143810-000	331-00143812-000	331-00143814-000	4	300	334-365	7

1¼" and 1½" CC Taps

STANDARD			CATALOG NUMBER		CTN. QTY	METRIC		
NOM. SIZES INCHES	O.D. RANGE INCHES	WT. EACH LBS.	1 1/4" CC/16 MM	1 1/2" CC/20 MM		NOM. SIZE MM	O.D. RANGE MM	WT. EACH KG.
4	4.79-5.32	7	331-00053211-000	331-00053213-000	4	100	122-135	3
6	6.90-7.40	8	331-00074011-000	331-00074013-000	4	150	175-188	4
8	9.00-9.63	10	331-00096311-000	331-00096313-000	4	200	229-244	4
10	11.04-12.12	13	331-00121211-000	331-00121213-000	4	250	281-307	6
12	13.14-14.38	15	331-00143811-000	331-00143813-000	4	300	334-365	7