

## JCM Service Saddles

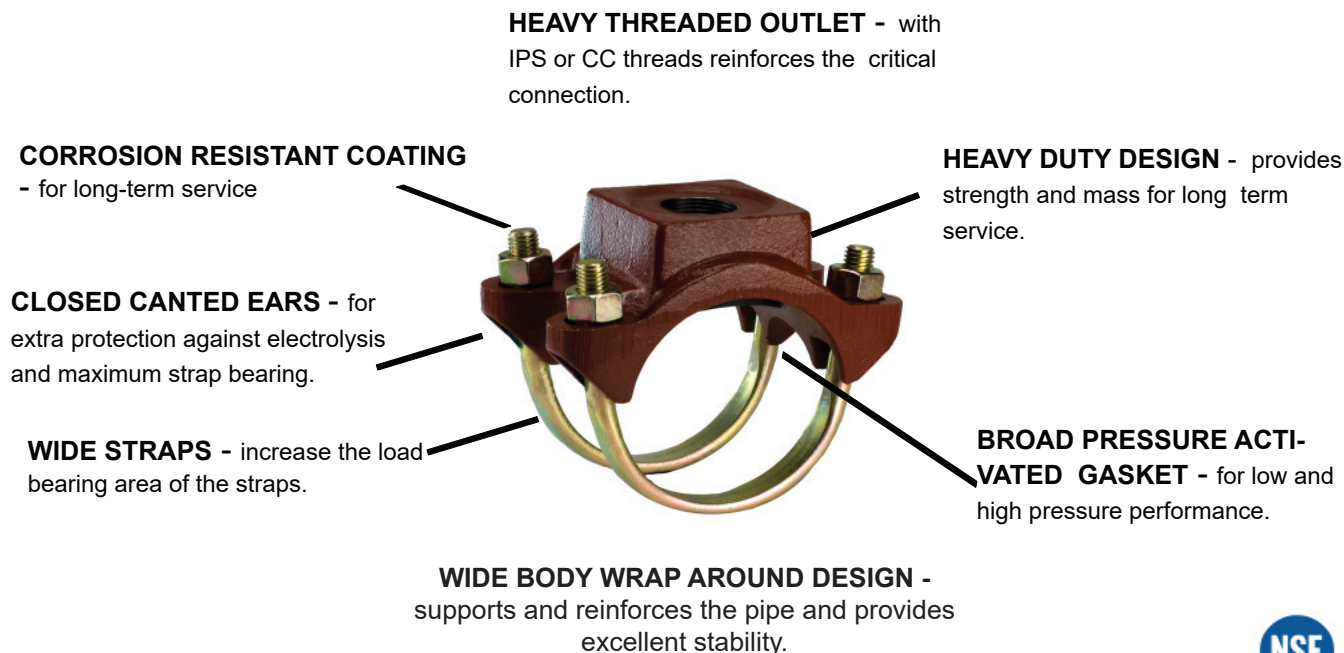
JCM Service Saddles provide a quick, dependable means of tapping pipe for branch connections of 1/2" through 2-1/2". Use of economical JCM Service Saddles eliminate problems common to direct taps, such as leaking threads or split pipe, and reinforces the critical connection.

JCM Service Saddles are designed for maximum safety and performance. The wrap around design, wide skirt and wide straps support and reinforce the pipe while providing excellent stability to the saddle. The heavy duty design of these saddles provides strength and mass for long term service.

High pressure performance is assured by the broad, pressure activated gasket. Permanently set in a retaining cavity, the contoured gasket produces a positive initial seal which increases with increase in line pressure.

The JCM 402, 404, 406, 408 saddles, with their wide bodies and large sealed outlet areas, provide an excellent means of repairing holes, pin holes and leaking 3/4" and 1" direct taps.

### DESIGNED FOR SAFETY AND PERFORMANCE



### MATERIAL SPECIFICATIONS - JCM SERVICE SADDLES

**Body:** Ductile Iron ASTM A536

**Straps:** **Models 401, 402, 407, 408** - Electro Galvanized Steel  
**Models 403, 404, 405, 406** - Bands, Bolts, Nuts and Washers are 18-8 Type 304 Stainless Steel.

**Gasket:** Nitrile Butadiene Rubber (NBR, Buna-N) per ASTM D2000. Molded virgin rubber with a pressure activated hydromechanical design. Gasket is bonded into a cavity for internal and external retention. Gasket temperature range -40°F to 212°F (-40°C - 100°C) Gasket suitable for water, salt solutions, mild acids, bases, and sewage. Optional EPDM gasket available.

**Finish:** **Models 401, 402, 403, 404** - Standard Shop Coat Primer: Heavy coat of corrosion resistant metal primer.

**Models 405, 406, 407, 408** - Fusion Plastic Coating: fusion bonded, high density blue plastic coating, 12 mils minimum thickness with a dielectric strength of over 12,000 volts.

## JCM Coated Service Saddles - Single Strap

### JCM 405 Single Strap Service Saddle with Stainless Steel Strap

### JCM 407 Wide Body Service Saddle with Electro Galvanized Strap

The **JCM 405 Coated Wide Body Service Saddle with Stainless Steel Strap** is designed for maximum safety and performance in tapping all types of pipe in hot and corrosive soils. Extra corrosion resistance is built into this saddle with the heavy resilient plastic coating which is fusion applied to the saddle body.

The **JCM 407 Coated Wide Body Service Saddle** utilizes an electro galvanized steel strap with the broad, wrap around single strap saddle body. The 407 features the extra corrosion resistance is built into this saddle with the heavy resilient plastic coating which is fusion applied to the saddle body.

NOM PIPE SIZE (IN)	PIPE O.D. RANGE (IN)	APPR WT EACH (LBS)	CTN. QTY.	JCM 405 SERVICE SADDLE	JCM 407 SERVICE SADDLE
				CATALOG NUMBER X TAP CODE	CATALOG NUMBER X TAP CODE
2	2.35 - 2.63	2.5	12	*405-0238 X --	*407-0238 X --
2-1/2	2.70 - 3.13	3.0	12	*405-0288 X --	*407-0288 X --
3	3.25 - 3.50	3.0	12	*405-0350 X --	*407-0350 X --
3 - 4	3.80 - 4.13	3.0	12	*405-0413 X --	N/A
4	4.25 - 4.50	4.5	10	405-0450 X --	407-0450 X --
4	4.50 - 4.80	4.5	10	405-0480 X --	407-0480 X --
4	4.74 - 5.45	4.5	10	405-0545 X --	407-0545 X --
6	6.50 - 6.63	4.5	10	405-0663 X --	407-0663 X --
6	6.63 - 6.90	4.5	10	405-0690 X --	407-0690 X --
6	6.84 - 7.60	4.5	10	405-0745 X --	407-0745 X --
8	8.50 - 8.63	5.0	10	405-0863 X --	407-0863 X --
8	8.63 - 9.05	5.0	10	405-0905 X --	407-0905 X --
8	8.99 - 9.79	5.0	10	405-0963 X --	407-0963 X --
10	10.60 - 10.75	5.5	6	405-1075 X --	407-1075 X --
10	10.75 - 11.10	5.5	6	405-1110 X --	407-1110 X --
10	11.10 - 11.40	5.5	6	405-1140 X --	407-1140 X --
10	11.00 - 12.25	5.5	6	405-1225 X --	407-1225 X --
12	12.60 - 12.75	6.0	6	405-1275 X --	407-1275 X --
12	12.75 - 13.20	6.0	6	405-1320 X --	407-1320 X --
12	12.75 - 13.50	6.0	6	405-1350 X --	407-1350 X --
12	13.10 - 14.38	6.0	4	405-1426 X --	407-1426 X --

#### HOW TO ORDER

1. Determine O.D. of pipe, outlet type and thread type
2. Select proper model saddle, O.D. range, and tap order code
3. Refer to saddle listing to determine order number.
4. Add tap code after base catalog number.

Example: To fit Cast Iron pipe, 6.98 O.D. with 1"IP thread, order: 405-0745X08IP  
For electro galvanized strap, order 407-0745X08IP

OUTLET SIZES	TAP CODES IP	TAP CODES CC
1/2"	04	07
3/4"	06	09
1"	08	11
1-1/4"	10	13
1-1/2"	12	15
2"	14	
2-1/2"	16	

JCM  
405



JCM  
407



JCM 405/407  
Strap Service  
Saddles with  
outlet sizes  
1-1/4" - 2-1/2"

