

# SINGLE U-BOLT & STRAP SERVICE SADDLES



# ROMAC INDUSTRIES, INC.

## PAINTED SADDLE with U-BOLT

Not recommended for PVC pipe.

### MATERIAL SPECIFICATIONS

**SADDLE CASTINGS:** Ductile iron per ASTM A 536, grade 65-45-12, protected with corrosion-resistant paint.

**U-BOLT, AND NUTS:** Sizes 1-1/2" through 3", use 1/2" U bolt with heavy hex nuts and 1/2" flat washers, 4" and above use 5/8" U bolt with heavy hex nut and 5/8" flat washers. All sizes are national coarse roll threaded. Steel meets AISI C1018 and is electro-galvanized, optional 316 stainless steel also available.

**GASKETS:** NBR per ASTM MBC 610, compounded for water and sewer service. NSF61 Certified. Other compounds available on request.



101U

## PAINTED SADDLE w/ STAINLESS STEEL STRAP

Recommended for PVC, asbestos-cement, cast iron and steel pipe.

### MATERIAL SPECIFICATIONS

**SADDLE CASTINGS:** Ductile iron per ASTM A-536, grade 65-45-12, protected with corrosion-resistant paint.

**STRAP:** Type 304 (18-8) heavy gauge Stainless Steel per ASTM A 240. Straps are two inches wide to spread out clamping forces on the pipe. GMAW and GTAW welds. Passivated for corrosion resistance.

**BOLTS:** For sizes 1-1/2" through 3", 1/2" UNC roll thread Type 304 (18-8) Stainless Steel bolts with heavy hex nuts. 4" and above use 5/8" UNC roll thread Type 304 (18-8) Stainless Steel bolts with heavy hex nuts. Rod for bolts are per ASTM A 240 and nuts are per ASTM A 194. All welds fully passivated for enhanced corrosion resistance. Nuts coated to prevent galling.

**WASHERS:** Stainless steel per ASTM A 240, type 304.

**GASKETS:** NBR per ASTM MBC 610, compounded for water and sewer service. NSF61 Certified. Other compounds available on request.



101S

## NYLON COATED SADDLE w/ STAINLESS STEEL STRAP

Recommended for asbestos-cement, cast iron or PVC pipe in hot or corrosive soils.

### MATERIAL SPECIFICATIONS

**SADDLE CASTINGS:** Ductile iron per ASTM A-536, grade 65-45-12, covered by black nylon fused coat, approx. 10-12 mil thick, with approximate dielectric strength of 1,000 v/mil. Nylon coating is NSF 61 Certified.

**STRAP:** Type 304 (18-8) heavy gauge Stainless Steel per ASTM A 240. Straps are two inches wide to spread out clamping forces on the pipe. GMAW and GTAW welds. Passivated for corrosion resistance.

**BOLTS:** For sizes 1-1/2" through 3", 1/2" UNC roll thread Type 304 (18-8) Stainless Steel bolts with heavy hex nuts. 4" and above use 5/8" UNC roll thread Type 304 (18-8) Stainless Steel bolts with heavy hex nuts. Rod for bolts are per ASTM A 240 and nuts are per ASTM A 194. All welds fully passivated for enhanced corrosion resistance. Nuts coated to prevent galling.

**WASHERS:** Stainless steel per ASTM A 240, type 304.

**GASKETS:** NBR per ASTM MBC 610, compounded for water and sewer service. NSF61 Certified. Other compounds available on request.



101NS

## NYLON COATED SADDLE w/ U-BOLT

Not recommended for PVC pipe.

### MATERIAL SPECIFICATIONS

**SADDLE CASTINGS:** Ductile iron per ASTM A-536, grade 65-45-12, covered by black nylon fused coat, approx. 10-12 mil thick, with approximate dielectric strength of 1,000 v/mil. Nylon coating is NSF 61 Certified.

**U-BOLT, AND NUTS:** Sizes 1-1/2" through 3", use 1/2" U bolt with heavy hex nuts and 1/2" flat washers, 4" and above use 5/8" U bolt with heavy hex nut and 5/8" flat washers. All sizes are national coarse roll threaded. Steel meets AISI C1018 and is electro-galvanized, optional 316 stainless steel also available.

**GASKETS:** NBR per ASTM MBC 610, compounded for water and sewer service. NSF61 Certified. Other compounds available on request.



101NU

## BRONZE SADDLE WITH BRONZE STRAP

Recommended for asbestos-cement, cast iron or PVC pipe in hot or corrosive soils.

### MATERIAL SPECIFICATIONS

**SADDLE CASTINGS:** Water works bronze 85-5-5-5.

**BRONZE STRAP:** Silicon bronze 5/8" national coarse roll thread bolts with 2" wide band for "spreading out" clamping force on pipe. Nuts and washers are silicon bronze.

**GASKETS:** NBR per ASTM MBC 610, compounded for water and sewer service. NSF61 Certified. Other compounds available on request. Other compounds available on request.

Also available with double strap.



101B

# DOUBLE U-BOLT SERVICE SADDLES



**STYLE 202U**  
PAINTED SADDLE  
WITH U-BOLTS

**STYLE 202SSU**  
PAINTED SADDLE  
WITH 316 S.S. U-BOLTS

**STYLE 202NU**  
NYLON COATED SADDLE  
WITH U-BOLTS

**STYLE 202NSSU**  
NYLON COATED SADDLE  
WITH 316 S.S. U-BOLTS

NOM. PIPE SIZE	O.D. SIZE RANGE	1/2" I.P., 3/4" & 1" I.P. OR C.C. TAP					1 1/4" - 1 1/2" - 2" I.P., OR C.C. TAP (2 1/2" I.P. ONLY)					
		202U	202SSU	202NU	202NSSU	CTN QTY	202U	202SSU	202NU	202NSSU	CTN QTY	APPROX. WEIGHT EA. (lbs.)
2"	2.38 - 2.50 <sup>1</sup>	\$41.18	NA	\$64.05	NA	10	\$43.22 <sup>1</sup>	NA	\$69.47 <sup>1</sup>	NA	10	3.5 #
	3.50 <sup>2</sup>	48.99	NA	72.74	NA	8	63.50	NA	83.33	NA	8	5.0 #
3"	3.45 - 4.05 <sup>2</sup>	51.21	NA	74.95	NA	8	65.68	NA	85.49	NA	8	5.0 #
	4.00 - 4.50	57.75	102.90	77.65	126.00	5	73.42	117.60	88.44	137.03	5	7.5 #
4"	4.50 - 4.80	57.75	102.90	77.65	126.00	5	73.42	117.60	88.44	137.03	5	7.5 #
	4.50 - 5.40	57.75	103.95	79.92	126.00	5	73.42	117.60	91.91	137.03	5	7.5 #
	6.00 - 6.63	65.86	115.76	89.42	144.38	6	80.96	130.20	102.06	156.71	6	9.0 #
6"	6.63 - 6.90	65.86	115.76	89.42	144.38	6	80.96	130.20	102.06	156.71	6	9.0 #
	6.63 - 7.60	65.86	115.76	100.03	144.38	6	80.96	130.20	113.28	156.71	6	9.0 #
	8.00 - 8.63	77.67	139.91	101.04	167.74	4	96.90	160.91	111.78	178.76	4	10.0 #
8"	8.63 - 9.05	77.67	139.91	101.04	167.74	4	96.90	160.91	111.78	178.76	4	10.0 #
	8.63 - 9.80	77.67	144.64	103.35	167.74	4	96.90	160.91	120.46	178.76	4	10.0 #
	10.00 - 11.10	100.40	169.58	133.06	202.13	4	127.82	160.91	151.96	217.88	4	11.5 #
10"	11.10 - 12.12	100.40	169.58	133.06	202.13	4	127.82	160.91	151.96	217.88	4	11.5 #
	12.00 - 13.20	120.44	196.35	159.17	235.20	4	150.38	224.18	177.92	251.74	4	12.5 #
12"	13.20 - 14.38	120.44	196.35	159.17	235.20	3	150.38	227.33	177.92	251.74	3	12.5 #
14"	15.30 - 16.80	POA					POA					15.3 #
16"	17.40 - 18.90											16.0 #
18"	19.50 - 21.10											18.0 #
20"	21.10 - 22.70											20.0 #
22"	22.70 - 24.30											21.0 #
24"	24.30 - 25.90											23.0 #
26"	25.70 - 27.30											24.0 #
28"	27.30 - 28.90											24.5 #
30"	28.90 - 30.50											25.0 #
	30.50 - 32.10											26.0 #

Prices and weights shown are per saddle.

<sup>1</sup> 202 - 2.50 can accommodate up to 1 1/2" I.P. and 1 1/4" C.C.

<sup>2</sup> 202 for 3" nominal size can accommodate up to 2" I.P. and 1 1/2" C.C.

**TO ORDER:** Add tap size to the upper range of the saddle.

**EXAMPLE:** Painted Saddle with Steel U-Bolt: **202U - 7.60 x 3/4" IP**

Stainless Steel U-Bolt - add letters "SS": **202SSU - 7.60 x 3/4" IP**

Nylon Saddle - add designation "NU": **202NU - 7.60 x 3/4" IP**

Nylon Saddle with Stainless Steel U-Bolt: **202NSSU - 7.60 x 3/4" IP**

**Manufacturer Recommendations:**

Service saddles with U-Bolts are not recommended for use on PVC pipe.

**FOR COPPER PIPE** Romac recommends single strap saddles which should be preformed at the factory, or see 304/306 stainless steel saddles.

SERVICE SADDLES

# DOUBLE STRAP SERVICE SADDLES



Certified to NSF/ANSI 61 & 372



**STYLE 202S**  
PAINTED SADDLE WITH STAINLESS STEEL STRAPS



**STYLE 202NS**  
NYLON COATED SADDLE WITH STAINLESS STEEL STRAPS

NOM. PIPE SIZE	O.D. SIZE RANGE	1/2" I.P., 3/4" & 1" I.P. OR C.C. TAP			1 1/4" - 1 1/2" - 2" I.P., OR C.C. TAP (2 1/2" I.P. ONLY)			APPROX. WEIGHT EA. (lbs.)
		202S	202NS	CTN QTY	202S	202NS	CTN QTY	
2"	2.38 - 2.50 <sup>1</sup>	\$100.37	\$123.22	10	\$108.85 <sup>1</sup>	\$135.09 <sup>1</sup>	10	3.5 #
3"	3.50 <sup>2</sup>	100.56	124.30	8	115.53	135.35	8	5.0 #
	3.45 - 4.05 <sup>2,3</sup>	100.56	124.30	8	115.53	135.35	8	5.0 #
4"	4.00 - 4.50	101.22	124.30	5	115.53	135.35	5	7.5 #
	4.50 - 4.80	101.22	124.30	5	115.53	135.35	5	7.5 #
	4.50 - 5.40 <sup>4</sup>	102.17	124.30	5	115.53	135.35	5	7.5 #
6"	6.00 - 6.63	113.94	142.80	6	128.38	155.11	6	9.0 #
	6.63 - 6.90	113.94	142.80	6	128.38	155.11	6	9.0 #
	6.63 - 7.60 <sup>4</sup>	113.94	142.80	6	128.38	155.11	6	9.0 #
8"	8.00 - 8.63	138.22	166.09	4	159.09	177.03	4	10.0 #
	8.63 - 9.05	138.22	166.09	4	159.09	177.03	4	10.0 #
	8.63 - 9.80 <sup>4</sup>	143.06	166.09	4	159.09	177.03	4	10.0 #
10"	10.00 - 11.10	167.92	200.55	4	192.05	216.16	4	11.5 #
	11.10 - 12.12 <sup>4</sup>	167.92	200.55	4	192.05	216.16	4	11.5 #
12"	12.00 - 13.20	194.68	233.45	4	222.48	250.02	4	12.5 #
	13.20 - 14.38 <sup>4</sup>	194.68	233.45	3	222.48	250.02	3	12.5 #
14"	15.30 - 16.80	232.97	272.06	4	235.69	289.80	4	15.3 #
16"	17.40 - 18.90	237.36	319.90	3	266.47	341.94	3	16.0 #
18"	19.50 - 21.10	364.98	445.76	3	386.87	468.01	3	18.0 #
20"	21.10 - 22.70	408.69	499.00	3	433.31	524.15	3	20.0 #
22"	22.70 - 24.30	429.16	524.24	3	454.89	550.37	3	21.0 #
24"	24.30 - 25.90	480.71	587.16	3	509.50	616.39	3	23.0 #
26"	25.70 - 27.30	485.51	591.97	3	514.31	621.22	3	24.0 #
28"	27.30 - 28.90	490.33	596.77	3	519.12	626.03	3	24.5 #
30"	28.90 - 30.50	495.14	601.59	3	523.92	630.83	3	25.0 #
	30.50 - 32.10	499.94	606.40	3	528.74	635.65	3	26.0 #

Prices and weights shown are per saddle.

<sup>1</sup> 202 - 2.50 can accommodate up to 1 1/2" I.P. and 1 1/4" C.C.

<sup>2</sup> 202 for 3" nominal size can accommodate up to 2" I.P. and 1 1/2" C.C.

<sup>3</sup> Not recommended for iron pipe size PVC

<sup>4</sup> Not recommended for PVC pipe.

**Manufacturer Recommendations:**

For PVC applications select the saddle with the top of range number that is closest to the diameter of the pipe.

**FOR COPPER PIPE** Romac recommends single strap saddles which should be preformed at the factory, or see 304/306 stainless steel saddles.

**TO ORDER:** Add tap size to the upper range of the saddle.

	STYLE	UPPER RANGE	TAP SIZE	TYPE THREAD
<b>EXAMPLE:</b> Painted Saddle with Stainless Strap:	<b>202S</b>	<b>- 7.60</b>	<b>x 3/4"</b>	<b>IP</b>
Nylon Saddle with Stainless Steel strap:	<b>202NS</b>	<b>- 7.60</b>	<b>x 3/4"</b>	<b>IP</b>