

# 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 A536, 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 A536, grade 65-45-12, protected with corrosion-resistant paint.

**STRAP:** Type 304 (18-8) heavy gauge Stainless Steel per ASTM A240. 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. Nuts are per ASTM A194. All welds fully passivated for enhanced corrosion resistance. Nuts coated to prevent galling.

**WASHERS:** Stainless steel, 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 A536, grade 65-45-12, covered by black nylon fused coat, approx. 10-14 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 A240. 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. Nuts are per ASTM A194. All welds fully passivated for enhanced corrosion resistance. Nuts coated to prevent galling.

**WASHERS:** Stainless steel, 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 A536, grade 65-45-12, covered by black nylon fused coat, approx. 10-14 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>	\$68.56	NA	\$106.64	NA	10	\$71.96 <sup>1</sup>	NA	\$115.67 <sup>1</sup>	NA	10	3.5 #
	3.50	81.57	NA	121.11	NA	8	105.73	NA	138.74	NA	8	5.0 #
3"	3.45 - 4.05 <sup>2</sup>	85.26	NA	124.79	NA	8	109.36	NA	142.34	NA	8	5.0 #
	4.00 - 4.50	96.15	171.33	129.29	209.79	5	122.24	195.80	147.25	228.15	5	7.5 #
4"	4.50 - 4.80	96.15	171.33	129.29	209.79	5	122.24	195.80	147.25	228.15	5	7.5 #
	4.50 - 5.40	96.15	173.08	133.07	209.79	5	122.24	195.80	153.03	228.15	5	7.5 #
6"	6.00 - 6.63	109.66	192.74	148.88	240.39	6	134.80	216.78	169.93	260.92	6	9.0 #
	6.63 - 6.90	109.66	192.74	148.88	240.39	6	134.80	216.78	169.93	260.92	6	9.0 #
	6.63 - 7.60	109.66	192.74	166.55	240.39	6	134.80	216.78	188.61	260.92	6	9.0 #
8"	8.00 - 8.63	129.32	232.95	168.23	279.29	4	161.34	267.92	186.11	297.64	4	10.0 #
	8.63 - 9.05	129.32	232.95	168.23	279.29	4	161.34	267.92	186.11	297.64	4	10.0 #
	8.63 - 9.80	129.32	240.83	172.08	279.29	4	161.34	267.92	200.57	297.64	4	10.0 #
10"	10.00 - 11.10	167.17	282.35	221.54	336.55	4	212.82	322.56	253.01	362.77	4	11.5 #
	11.10 - 12.12	167.17	282.35	221.54	336.55	4	212.82	322.56	253.01	362.77	4	11.5 #
12"	12.00 - 13.20	200.53	326.92	265.02	391.61	4	250.38	373.26	296.24	419.15	4	12.5 #
	13.20 - 14.38	200.53	326.92	265.02	391.61	3	250.38	378.50	296.24	419.15	3	12.5 #
14"	15.30 - 16.80	POA					POA					15.3 #
16"	17.40 - 18.90	POA					POA					16.0 #
18"	19.50 - 21.10	POA					POA					18.0 #
20"	21.10 - 22.70	POA					POA					20.0 #
22"	22.70 - 24.30	POA					POA					21.0 #
24"	24.30 - 25.90	POA					POA					23.0 #
26"	25.70 - 27.30	POA					POA					24.0 #
28"	27.30 - 28.90	POA					POA					24.5 #
30"	28.90 - 30.50	POA					POA					25.0 #
	30.50 - 32.10	POA					POA					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 C.C.

<sup>2</sup> 202 for 4.05" can accommodate up to 2" IP 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 or other thin wall pipe.

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

SERVICE SADDLES

# DOUBLE STRAP SERVICE SADDLES



**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>	\$167.12	\$205.16	10	\$181.25 <sup>1</sup>	\$224.92 <sup>1</sup>	10	3.5 #
3"	3.50	167.43	206.96	8	192.36	225.36	8	5.0 #
	3.45 - 4.05 <sup>2,3</sup>	167.43	206.96	8	192.36	225.36	8	5.0 #
4"	4.00 - 4.50	168.53	206.96	5	192.36	225.36	5	7.5 #
	4.50 - 4.80	168.53	206.96	5	192.36	225.36	5	7.5 #
	4.50 - 5.40 <sup>4</sup>	170.11	206.96	5	192.36	225.36	5	7.5 #
6"	6.00 - 6.63	189.71	237.76	5	213.75	258.26	5	9.0 #
	6.63 - 6.90	189.71	237.76	5	213.75	258.26	5	9.0 #
	6.63 - 7.60 <sup>4</sup>	189.71	237.76	5	213.75	258.26	5	9.0 #
8"	8.00 - 8.63	230.14	276.54	4	264.88	294.75	4	10.0 #
	8.63 - 9.05	230.14	276.54	4	264.88	294.75	4	10.0 #
	8.63 - 9.80 <sup>4</sup>	238.19	276.54	4	264.88	294.75	4	10.0 #
10"	10.00 - 11.10	279.59	333.92	4	319.76	359.91	4	11.5 #
	11.10 - 12.12 <sup>4</sup>	279.59	333.92	4	319.76	359.91	4	11.5 #
12"	12.00 - 13.20	324.14	388.69	5	370.43	416.28	5	12.5 #
	13.20 - 14.38 <sup>4</sup>	324.14	388.69	5	370.43	416.28	5	12.5 #
14"	15.30 - 16.80	387.90	452.98	4	392.42	482.52	4	15.3 #
16"	17.40 - 18.90	395.20	532.63	2	443.67	569.33	2	16.0 #
18"	19.50 - 21.10	607.69	742.19	3	644.14	779.24	3	18.0 #
20"	21.10 - 22.70	680.47	830.84	3	721.46	872.71	3	20.0 #
22"	22.70 - 24.30	714.55	872.86	3	757.39	916.37	3	21.0 #
24"	24.30 - 25.90	800.38	977.62	3	848.32	1,026.29	3	23.0 #
26"	25.70 - 27.30	808.37	985.63	3	856.33	1,034.33	3	24.0 #
28"	27.30 - 28.90	816.40	993.62	3	864.33	1,042.34	3	24.5 #
30"	28.90 - 30.50	824.41	1,001.65	3	872.33	1,050.33	3	25.0 #
	30.50 - 32.10	832.40	1,009.66	3	880.35	1,058.36	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 C.C.

<sup>2</sup> 202 for 4.05" can accommodate up to 2" IP 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>

SERVICE SADDLES