

# 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



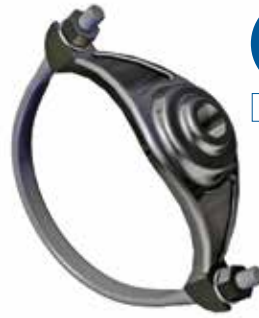
# SINGLE U-BOLT SERVICE SADDLES



**STYLE 101U**  
PAINTED SADDLE  
WITH STEEL U-BOLT



**STYLE 101SSU**  
NYLON COATED SADDLE  
WITH 316 S.S. U-BOLT



**STYLE 101NU**  
NYLON COATED SADDLE  
WITH STEEL U-BOLT



**STYLE 101NSSU**  
NYLON COATED SADDLE  
WITH 316 S.S. U-BOLT



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)					
		101U	101SSU	101NU	101NSSU	CTN QTY	101U	101SSU	101NU	101NSSU	CTN QTY	APPROX. WEIGHT EA. (lbs.)
1 1/2"	1.90 - 2.13	\$28.01	NA	\$41.61	NA	15	\$51.89 <sup>1</sup>	NA	\$58.25 <sup>1</sup>	NA	15	1.7 #
2"	2.38 - 2.50	30.16	NA	43.92	NA	15	NA	NA	NA	NA	NA	1.7 #
2 1/2"	2.88	32.03	NA	44.80	NA	15	NA	NA	NA	NA	NA	1.7 #
3"	3.50	33.72	NA	47.12	NA	12	NA	NA	NA	NA	NA	2.5 #
	3.45 - 4.05	33.72	NA	47.12	NA	12	NA	NA	NA	NA	NA	2.5 #
4"	4.00 - 4.50	38.31	60.38	52.35	74.29	10	51.89	75.86	69.00	92.93	7	4.3 #
	4.50 - 4.80	38.31	60.38	52.35	74.29	10	51.89	75.86	69.00	92.93	7	4.0 #
6"	4.50 - 5.40	39.86	60.64	54.56	75.34	10	54.29	76.39	71.48	93.45	7	4.0 #
	6.00 - 6.63	43.31	70.88	58.35	85.84	5	60.35	82.16	79.04	100.54	5	5.1 #
6"	6.63 - 6.90	43.31	70.88	58.35	85.84	6	60.35	82.16	79.04	100.54	5	4.8 #
	6.63 - 7.60	46.29	79.28	61.32	87.41	6	65.15	82.69	84.41	102.11	5	4.8 #
8"	8.00 - 8.63	52.42	83.48	70.51	101.59	4	71.23	98.96	93.45	121.01	4	5.5 #
	8.63 - 9.05	52.42	83.48	70.51	101.59	5	71.23	98.96	93.45	121.01	4	5.0 #
8"	8.63 - 9.80	55.53	84.53	74.41	100.59	5	82.28	100.28	104.46	122.33	4	5.0 #
	10.00 - 11.10	64.70	102.61	75.35	112.61	6	99.39	128.36	108.30	137.29	6	7.5 #
10"	11.10 - 12.12	64.70	102.11	75.35	112.61	6	99.39	128.36	108.30	137.29	6	7.5 #
	12.00 - 13.20	69.57	105.53	94.16	130.20	5	101.21	157.24	125.82	159.34	5	9.0 #
12"	13.20 - 14.38	69.57	105.53	94.16	130.20	5	101.21	157.24	125.82	160.39	5	9.0 #

Prices and weights shown are per saddle.

<sup>1</sup> 1 1/4" IP tap only.

**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.

**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 Steel U-Bolt:	<b>101U</b>	<b>- 7.60</b>	<b>x 3/4"</b>	<b>IP</b>
Painted Saddle with Stainless Steel U-Bolt:	<b>101SSU</b>	<b>- 7.60</b>	<b>x 3/4"</b>	<b>IP</b>
Nylon Saddle—add designation "NSSU":	<b>101NSSU</b>	<b>- 7.60</b>	<b>x 3/4"</b>	<b>IP</b>



# SINGLE STRAP SERVICE SADDLES



**STYLE 101S**  
PAINTED SADDLE  
WITH STAINLESS STEEL STRAP



**STYLE 101NS**  
NYLON COATED SADDLE  
WITH STAINLESS STEEL STRAP



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.)
		101S	101NS	CTN QTY	101S	101NS	CTN QTY	
1 1/2"	1.90 - 2.13	\$52.64	\$66.23	15	\$68.03 <sup>1</sup>	\$84.56 <sup>1</sup>	15	1.7 #
2"	2.38 - 2.50	53.31	67.06	15	NA	NA	NA	1.7 #
2 1/2"	2.88	54.31	67.06	15	NA	NA	NA	1.7 #
3"	3.50	55.30	68.73	12	NA	NA	NA	2.5 #
	3.45 - 4.05 <sup>2</sup>	55.30	68.73	12	NA	NA	NA	2.5 #
4"	4.00 - 4.50	58.65	72.71	10	74.05	91.14	7	4.3 #
	4.50 - 4.80	58.65	72.71	10	74.05	91.14	7	4.0 #
	4.50 - 5.40 <sup>3</sup>	58.83	73.52	10	74.59	91.79	7	4.0 #
6"	6.00 - 6.63	69.21	84.23	5	80.26	98.94	5	5.1 #
	6.63 - 6.90	69.21	84.23	6	80.26	98.94	5	4.8 #
	6.63 - 7.60 <sup>3</sup>	77.52	85.59	6	81.03	100.29	5	4.8 #
8"	8.00 - 8.63	81.85	99.91	4	97.14	119.36	4	5.5 #
	8.63 - 9.05	81.85	99.91	5	97.14	119.36	4	5.0 #
	8.63 - 9.80 <sup>3</sup>	82.70	101.60	5	98.52	120.69	4	5.0 #
10"	10.00 - 11.10	100.33	110.97	6	126.67	135.59	6	7.5 #
	11.10 - 12.12 <sup>3</sup>	100.33	110.97	6	126.67	135.59	6	7.5 #
12"	12.00 - 13.20	103.78	128.38	5	155.58	157.61	5	9.0 #
	13.20 - 14.38 <sup>3</sup>	103.78	128.38	5	155.58	157.61	5	9.0 #

Prices and weights shown are per saddle.

<sup>1</sup> 1 1/4" IP tap only.

<sup>2</sup> Not recommended for iron pipe size PVC

<sup>3</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 performed at the factory, or see 304/306 stainless steel saddles.

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

**EXAMPLE:**

Painted Saddle with Stainless Steel Strap:

STYLE      UPPER      TAP      TYPE  
RANGE      SIZE      THREAD  
**101S - 7.60 x 3/4" IP**

Nylon Saddle—add designation "NS":

**101NS - 7.60 x 3/4" IP**