

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 ¹ | \$41.18 | NA | \$64.05 | NA | 10 | \$43.22 ¹ | NA | \$69.47 ¹ | NA | 10 | 3.5 # |
| 3" | 3.50 ² | 48.99 | NA | 72.74 | NA | 8 | 63.50 | NA | 83.33 | NA | 8 | 5.0 # |
| | 3.45 - 4.05 ² | 51.21 | NA | 74.95 | NA | 8 | 65.68 | NA | 85.49 | NA | 8 | 5.0 # |
| 4" | 4.00 - 4.50 | 57.75 | 102.90 | 77.65 | 126.00 | 5 | 73.42 | 117.60 | 88.44 | 137.03 | 5 | 7.5 # |
| | 4.50 - 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" | 6.00 - 6.63 | 65.86 | 115.76 | 89.42 | 144.38 | 6 | 80.96 | 130.20 | 102.06 | 156.71 | 6 | 9.0 # |
| | 6.63 - 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" | 8.00 - 8.63 | 77.67 | 139.91 | 101.04 | 167.74 | 4 | 96.90 | 160.91 | 111.78 | 178.76 | 4 | 10.0 # |
| | 8.63 - 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" | 10.00 - 11.10 | 100.40 | 169.58 | 133.06 | 202.13 | 4 | 127.82 | 193.73 | 151.96 | 217.88 | 4 | 11.5 # |
| | 11.10 - 12.12 | 100.40 | 169.58 | 133.06 | 202.13 | 4 | 127.82 | 193.73 | 151.96 | 217.88 | 4 | 11.5 # |
| 12" | 12.00 - 13.20 | 120.44 | 196.35 | 159.17 | 235.20 | 4 | 150.38 | 224.18 | 177.92 | 251.74 | 4 | 12.5 # |
| | 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.

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

² 202 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.

STYLE UPPER RANGE TAP SIZE TYPE THREAD

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.

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 ¹ | \$100.37 | \$123.22 | 10 | \$108.85 ¹ | \$135.09 ¹ | 10 | 3.5 # |
| 3" | 3.50 ² | 100.56 | 124.30 | 8 | 115.53 | 135.35 | 8 | 5.0 # |
| | 3.45 - 4.05 ^{2,3} | 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 ⁴ | 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 ⁴ | 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 ⁴ | 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 ⁴ | 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 ⁴ | 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.

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

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

³ Not recommended for iron pipe size PVC

⁴ 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 |
| EXAMPLE: Painted Saddle with Stainless Strap: | 202S | - 7.60 | x 3/4" | IP |
| Nylon Saddle with Stainless Steel strap: | 202NS | - 7.60 | x 3/4" | IP |

SERVICE SADDLES