

3131 IRON LUG SINGLE PANEL TAPPED REPAIR CLAMP SS BOLTS (SMALL OUTLETS)

PANEL: Type 304 (18-8) Stainless Steel per ASTM A240.

GASKET: SBR Chek-O-Seal with multi o-ring sealing ribs from 100% new rubber to ensure performance under varying pressures with superior storage characteristics. Suitable for mild acids, water and salt media with a temperature range of -25°F to +200°F per ASTM D2000 . Other materials available.

ARMOR PLATE: Type 304 (18-8) Stainless Steel per ASTM A240, recessed and bonded to the gasket.

BOLTS & NUTS: Type 304 (18-8) Stainless Steel per ASTM A193 and A194. **NOTE:** Hex nuts are furnished with fusion bonded coating to prevent seizing and/or galling.

LUGS: Ductile Iron per ASTM A536.

OUTLET: Type 304 (18-8) Stainless Steel per ASTM A276.



Nominal Pipe Size		Pipe OD Range		Width		Outlet Size & Part Number				Price List
Inches	MM	Inches	MM	Inches	MM	3/4 CC	3/4 NPT	1 CC	1 NPT	
2	50	2.35 - 2.63	60 - 67	8	200	3131020080BB	3131020080BC	3131020080BD	3131020080BE	\$ 189.60
				10	250	3131020100BB	3131020100BC	3131020100BD	3131020100BE	\$ 241.90
				12	300	3131020120BB	3131020120BC	3131020120BD	3131020120BE	\$ 269.40
				16	400	3131020160BB	3131020160BC	3131020160BD	3131020160BE	\$ 297.40
2 1/2	63	2.70 - 3.00	69 - 77	8	200	3131025080BB	3131025080BC	3131025080BD	3131025080BE	\$ 193.40
				10	250	3131025100BB	3131025100BC	3131025100BD	3131025100BE	\$ 252.50
				12	300	3131025120BB	3131025120BC	3131025120BD	3131025120BE	\$ 281.00
				16	400	3131025160BB	3131025160BC	3131025160BD	3131025160BE	\$ 324.90
3A	75	2.97 - 3.25	75 - 83	8	200	313103A080BB	313103A080BC	313103A080BD	313103A080BE	\$ 210.60
				10	250	313103A100BB	313103A100BC	313103A100BD	313103A100BE	\$ 261.30
				12	300	313103A120BB	313103A120BC	313103A120BD	313103A120BE	\$ 290.80
				16	400	313103A160BB	313103A160BC	313103A160BD	313103A160BE	\$ 326.00
3B	75	3.46 - 3.70	88 - 94	8	200	313103B080BB	313103B080BC	313103B080BD	313103B080BE	\$ 213.30
				10	250	313103B100BB	313103B100BC	313103B100BD	313103B100BE	\$ 267.30
				12	300	313103B120BB	313103B120BC	313103B120BD	313103B120BE	\$ 300.00
				16	400	313103B160BB	313103B160BC	313103B160BD	313103B160BE	\$ 335.30
3C	75	3.73 - 4.00	95 - 102	8	200	313103C080BB	313103C080BC	313103C080BD	313103C080BE	\$ 217.80
				10	250	313103C100BB	313103C100BC	313103C100BD	313103C100BE	\$ 273.20
				12	300	313103C120BB	313103C120BC	313103C120BD	313103C120BE	\$ 308.60
				16	400	313103C160BB	313103C160BC	313103C160BD	313103C160BE	\$ 343.30
3D	75	3.96 - 4.25	101 - 108	8	200	313103D080BB	313103D080BC	313103D080BD	313103D080BE	\$ 217.80
				10	250	313103D100BB	313103D100BC	313103D100BD	313103D100BE	\$ 273.20
				12	300	313103D120BB	313103D120BC	313103D120BD	313103D120BE	\$ 308.60
				16	400	313103D160BB	313103D160BC	313103D160BD	313103D160BE	\$ 343.30
4A	100	4.45 - 4.73	113 - 120	8	200	313104A080BB	313104A080BC	313104A080BD	313104A080BE	\$ 222.50
				10	250	313104A100BB	313104A100BC	313104A100BD	313104A100BE	\$ 278.00
				12	300	313104A120BB	313104A120BC	313104A120BD	313104A120BE	\$ 315.10
				16	400	313104A160BB	313104A160BC	313104A160BD	313104A160BE	\$ 350.80

3131 IRON LUG SINGLE PANEL TAPPED REPAIR CLAMP SS BOLTS (SMALL OUTLETS)

Nominal Pipe Size		Pipe OD Range		Width		Outlet Size & Part Number				Price List
Inches	MM	Inches	MM	Inches	MM	3/4 CC	3/4 NPT	1 CC	1 NPT	
4B	100	4.74 - 5.14	120 - 131	8	200	313104B080BB	313104B080BC	313104B080BD	313104B080BE	\$ 233.50
				10	250	313104B100BB	313104B100BC	313104B100BD	313104B100BE	\$ 297.40
				12	300	313104B120BB	313104B120BC	313104B120BD	313104B120BE	\$ 338.30
				16	400	313104B160BB	313104B160BC	313104B160BD	313104B160BE	\$ 402.40
4C	100	4.95 - 5.35	126 - 136	8	200	313104C080BB	313104C080BC	313104C080BD	313104C080BE	\$ 233.50
				10	250	313104C100BB	313104C100BC	313104C100BD	313104C100BE	\$ 297.40
				12	300	313104C120BB	313104C120BC	313104C120BD	313104C120BE	\$ 338.30
				16	400	313104C160BB	313104C160BC	313104C160BD	313104C160BE	\$ 402.40
4D	100	5.22 - 5.62	133 - 143	8	200	313104D080BB	313104D080BC	313104D080BD	313104D080BE	\$ 233.50
				10	250	313104D100BB	313104D100BC	313104D100BD	313104D100BE	\$ 297.40
				12	300	313104D120BB	313104D120BC	313104D120BD	313104D120BE	\$ 338.30
				16	400	313104D160BB	313104D160BC	313104D160BD	313104D160BE	\$ 402.40
6A	150	5.95 - 6.35	151 - 161	8	200	313106A080BB	313106A080BC	313106A080BD	313106A080BE	\$ 257.20
				10	250	313106A100BB	313106A100BC	313106A100BD	313106A100BE	\$ 328.00
				12	300	313106A120BB	313106A120BC	313106A120BD	313106A120BE	\$ 377.90
				16	400	313106A160BB	313106A160BC	313106A160BD	313106A160BE	\$ 430.50
6B	150	6.56 - 6.96	167 - 177	8	200	313106B080BB	313106B080BC	313106B080BD	313106B080BE	\$ 261.50
				10	250	313106B100BB	313106B100BC	313106B100BD	313106B100BE	\$ 332.80
				12	300	313106B120BB	313106B120BC	313106B120BD	313106B120BE	\$ 382.00
				16	400	313106B160BB	313106B160BC	313106B160BD	313106B160BE	\$ 435.00
6C	150	6.84 - 7.24	174 - 184	8	200	313106C080BB	313106C080BC	313106C080BD	313106C080BE	\$ 261.50
				10	250	313106C100BB	313106C100BC	313106C100BD	313106C100BE	\$ 332.80
				12	300	313106C120BB	313106C120BC	313106C120BD	313106C120BE	\$ 382.00
				16	400	313106C160BB	313106C160BC	313106C160BD	313106C160BE	\$ 435.00
6D	150	7.05 - 7.45	179 - 189	8	200	313106D080BB	313106D080BC	313106D080BD	313106D080BE	\$ 261.50
				10	250	313106D100BB	313106D100BC	313106D100BD	313106D100BE	\$ 332.80
				12	300	313106D120BB	313106D120BC	313106D120BD	313106D120BE	\$ 382.00
				16	400	313106D160BB	313106D160BC	313106D160BD	313106D160BE	\$ 435.00
6E	150	7.45 - 7.85	189 - 199	8	200	313106E080BB	313106E080BC	313106E080BD	313106E080BE	\$ 261.50
				10	250	313106E100BB	313106E100BC	313106E100BD	313106E100BE	\$ 332.80
				12	300	313106E120BB	313106E120BC	313106E120BD	313106E120BE	\$ 382.00
				16	400	313106E160BB	313106E160BC	313106E160BD	313106E160BE	\$ 435.00
8A	200	7.95 - 8.35	202 - 212	8	200	313108A080BB	313108A080BC	313108A080BD	313108A080BE	\$ 289.40
				10	250	313108A100BB	313108A100BC	313108A100BD	313108A100BE	\$ 367.30
				12	300	313108A120BB	313108A120BC	313108A120BD	313108A120BE	\$ 427.00
				16	400	313108A160BB	313108A160BC	313108A160BD	313108A160BE	\$ 494.20
8B	200	8.54 - 8.94	217 - 227	8	200	313108B080BB	313108B080BC	313108B080BD	313108B080BE	\$ 294.60
				10	250	313108B100BB	313108B100BC	313108B100BD	313108B100BE	\$ 369.90
				12	300	313108B120BB	313108B120BC	313108B120BD	313108B120BE	\$ 434.80
				16	400	313108B160BB	313108B160BC	313108B160BD	313108B160BE	\$ 509.50

**3131 IRON LUG SINGLE PANEL TAPPED REPAIR CLAMP SS BOLTS
(SMALL OUTLETS)**

Nominal Pipe Size		Pipe OD Range		Width		Outlet Size & Part Number				Price List
Inches	MM	Inches	MM	Inches	MM	3/4 CC	3/4 NPT	1 CC	1 NPT	
8C	200	8.99 - 9.39	228 - 239	8	200	313108C080BB	313108C080BC	313108C080BD	313108C080BE	\$ 294.60
				10	250	313108C100BB	313108C100BC	313108C100BD	313108C100BE	\$ 369.90
				12	300	313108C120BB	313108C120BC	313108C120BD	313108C120BE	\$ 434.80
				16	400	313108C160BB	313108C160BC	313108C160BD	313108C160BE	\$ 509.50
8D	200	9.27 - 9.67	235 - 246	8	200	313108D080BB	313108D080BC	313108D080BD	313108D080BE	\$ 294.60
				10	250	313108D100BB	313108D100BC	313108D100BD	313108D100BE	\$ 369.90
				12	300	313108D120BB	313108D120BC	313108D120BD	313108D120BE	\$ 434.80
				16	400	313108D160BB	313108D160BC	313108D160BD	313108D160BE	\$ 509.50
10A	250	9.70 - 10.10	246 - 257	8	200	313110A080BB	313110A080BC	313110A080BD	313110A080BE	\$ 318.30
				10	250	313110A100BB	313110A100BC	313110A100BD	313110A100BE	\$ 416.90
				12	300	313110A120BB	313110A120BC	313110A120BD	313110A120BE	\$ 481.80
				16	400	313110A160BB	313110A160BC	313110A160BD	313110A160BE	\$ 592.40
10B	250	10.64 - 11.04	270 - 280	8	200	313110B080BB	313110B080BC	313110B080BD	313110B080BE	\$ 330.30
				10	250	313110B100BB	313110B100BC	313110B100BD	313110B100BE	\$ 421.70
				12	300	313110B120BB	313110B120BC	313110B120BD	313110B120BE	\$ 489.00
				16	400	313110B160BB	313110B160BC	313110B160BD	313110B160BE	\$ 602.00
10C	250	11.04 - 11.44	280 - 291	8	200	313110C080BB	313110C080BC	313110C080BD	313110C080BE	\$ 330.30
				10	250	313110C100BB	313110C100BC	313110C100BD	313110C100BE	\$ 421.70
				12	300	313110C120BB	313110C120BC	313110C120BD	313110C120BE	\$ 489.00
				16	400	313110C160BB	313110C160BC	313110C160BD	313110C160BE	\$ 602.00
10D	250	11.34 - 11.74	288 - 298	8	200	313110D080BB	313110D080BC	313110D080BD	313110D080BE	\$ 330.30
				10	250	313110D100BB	313110D100BC	313110D100BD	313110D100BE	\$ 421.70
				12	300	313110D120BB	313110D120BC	313110D120BD	313110D120BE	\$ 489.00
				16	400	313110D160BB	313110D160BC	313110D160BD	313110D160BE	\$ 602.00
10E	250	11.75 - 12.15	298 - 309	8	200	313110E080BB	313110E080BC	313110E080BD	313110E080BE	\$ 330.30
				10	250	313110E100BB	313110E100BC	313110E100BD	313110E100BE	\$ 421.70
				12	300	313110E120BB	313110E120BC	313110E120BD	313110E120BE	\$ 489.00
				16	400	313110E160BB	313110E160BC	313110E160BD	313110E160BE	\$ 602.00
12A	300	12.00 - 12.40	305 - 315	8	200	313112A080BB	313112A080BC	313112A080BD	313112A080BE	\$ 359.20
				10	250	313112A100BB	313112A100BC	313112A100BD	313112A100BE	\$ 453.00
				12	300	313112A120BB	313112A120BC	313112A120BD	313112A120BE	\$ 537.00
				16	400	313112A160BB	313112A160BC	313112A160BD	313112A160BE	\$ 642.90
12B	300	12.62 - 13.02	321 - 331	8	200	313112B080BB	313112B080BC	313112B080BD	313112B080BE	\$ 364.00
				10	250	313112B100BB	313112B100BC	313112B100BD	313112B100BE	\$ 465.00
				12	300	313112B120BB	313112B120BC	313112B120BD	313112B120BE	\$ 551.50
				16	400	313112B160BB	313112B160BC	313112B160BD	313112B160BE	\$ 662.10

3131 IRON LUG SINGLE PANEL TAPPED REPAIR CLAMP SS BOLTS (SMALL OUTLETS)

Nominal Pipe Size		Pipe OD Range		Width		Outlet Size & Part Number				Price List
Inches	MM	Inches	MM	Inches	MM	3/4 CC	3/4 NPT	1 CC	1 NPT	
12C	300	13.10 - 13.50	333 - 343	8	200	313112C080BB	313112C080BC	313112C080BD	313112C080BE	\$ 364.00
				10	250	313112C100BB	313112C100BC	313112C100BD	313112C100BE	\$ 465.00
				12	300	313112C120BB	313112C120BC	313112C120BD	313112C120BE	\$ 551.50
				16	400	313112C160BB	313112C160BC	313112C160BD	313112C160BE	\$ 662.10
12D	300	13.40 - 13.80	340 - 351	8	200	313112D080BB	313112D080BC	313112D080BD	313112D080BE	\$ 364.00
				10	250	313112D100BB	313112D100BC	313112D100BD	313112D100BE	\$ 465.00
				12	300	313112D120BB	313112D120BC	313112D120BD	313112D120BE	\$ 551.50
				16	400	313112D160BB	313112D160BC	313112D160BD	313112D160BE	\$ 662.10
12E	300	13.70 - 14.10	348 - 358	8	200	313112E080BB	313112E080BC	313112E080BD	313112E080BE	\$ 364.00
				10	250	313112E100BB	313112E100BC	313112E100BD	313112E100BE	\$ 465.00
				12	300	313112E120BB	313112E120BC	313112E120BD	313112E120BE	\$ 551.50
				16	400	313112E160BB	313112E160BC	313112E160BD	313112E160BE	\$ 662.10
12F	300	14.00 - 14.40	356 - 366	8	200	313112F080BB	313112F080BC	313112F080BD	313112F080BE	\$ 364.00
				10	250	313112F100BB	313112F100BC	313112F100BD	313112F100BE	\$ 465.00
				12	300	313112F120BB	313112F120BC	313112F120BD	313112F120BE	\$ 551.50
				16	400	313112F160BB	313112F160BC	313112F160BD	313112F160BE	\$ 662.10

HOW TO ORDER: Choose nominal pipe size, width and outlet size and thread configuration. EXAMPLE: 6" C900 O.D. 6.90 O.D., 12" wide with a 1" NPT outlet. Order 3131- 6C X 12 X 1 NPT. **Part Number:** 313106C120BE .

3131 IRON LUG SINGLE PANEL TAPPED REPAIR CLAMP SS BOLTS (LARGE OUTLETS)

PANEL: Type 304 (18-8) Stainless Steel per ASTM A240.

GASKET: SBR Chek-O-Seal with multi o-ring sealing ribs from 100% new rubber to ensure performance under varying pressures with superior storage characteristics. Suitable for mild acids, water and salt media with a temperature range of -25°F to +200°F per ASTM D2000 . Other materials available.

ARMOR PLATE: Type 304 (18-8) Stainless Steel per ASTM A240, recessed and bonded to the gasket.

BOLTS & NUTS: Type 304 (18-8) Stainless Steel per ASTM A193 and A194. **NOTE:** Hex nuts are furnished with fusion bonded coating to prevent seizing and/or galling.

LUGS: Ductile Iron per ASTM A536.

OUTLET: Type 304 (18-8) Stainless Steel per ASTM A276.



Nominal Pipe Size		Pipe OD Range		Width		Outlet Size & Part Number				Price List
Inches	MM	Inches	MM	Inches	MM	1 1/4" NPT	1 1/2" NPT	1 1/4" CC	1 1/2" CC	
4A	100	4.45 - 4.73	113 - 120	8	200	313104A080BG	313104A080BI	313104A080BF	313104A080BH	\$ 243.60
				10	250	313104A100BG	313104A100BI	313104A100BF	313104A100BH	\$ 299.10
				12	300	313104A120BG	313104A120BI	313104A120BF	313104A120BH	\$ 336.30
				16	400	313104A160BG	313104A160BI	313104A160BF	313104A160BH	\$ 371.90
4B	100	4.74 - 5.14	120 - 131	8	200	313104B080BG	313104B080BI	313104B080BF	313104B080BH	\$ 254.60
				10	250	313104B100BG	313104B100BI	313104B100BF	313104B100BH	\$ 318.60
				12	300	313104B120BG	313104B120BI	313104B120BF	313104B120BH	\$ 359.40
				16	400	313104B160BG	313104B160BI	313104B160BF	313104B160BH	\$ 423.60
4C	100	4.95 - 5.35	126 - 136	8	200	313104C080BG	313104C080BI	313104C080BF	313104C080BH	\$ 254.60
				10	250	313104C100BG	313104C100BI	313104C100BF	313104C100BH	\$ 318.60
				12	300	313104C120BG	313104C120BI	313104C120BF	313104C120BH	\$ 359.40
				16	400	313104C160BG	313104C160BI	313104C160BF	313104C160BH	\$ 423.60
4D	100	5.22 - 5.62	133 - 143	8	200	313104D080BG	313104D080BI	313104D080BF	313104D080BH	\$ 254.60
				10	250	313104D100BG	313104D100BI	313104D100BF	313104D100BH	\$ 318.60
				12	300	313104D120BG	313104D120BI	313104D120BF	313104D120BH	\$ 359.40
				16	400	313104D160BG	313104D160BI	313104D160BF	313104D160BH	\$ 423.60
6A	150	5.95 - 6.35	151 - 161	8	200	313106A080BG	313106A080BI	313106A080BF	313106A080BH	\$ 278.40
				10	250	313106A100BG	313106A100BI	313106A100BF	313106A100BH	\$ 349.20
				12	300	313106A120BG	313106A120BI	313106A120BF	313106A120BH	\$ 399.10
				16	400	313106A160BG	313106A160BI	313106A160BF	313106A160BH	\$ 451.60
6B	150	6.56 - 6.96	167 - 177	8	200	313106B080BG	313106B080BI	313106B080BF	313106B080BH	\$ 282.70
				10	250	313106B100BG	313106B100BI	313106B100BF	313106B100BH	\$ 354.00
				12	300	313106B120BG	313106B120BI	313106B120BF	313106B120BH	\$ 403.20
				16	400	313106B160BG	313106B160BI	313106B160BF	313106B160BH	\$ 456.10
6C	150	6.84 - 7.24	174 - 184	8	200	313106C080BG	313106C080BI	313106C080BF	313106C080BH	\$ 282.70
				10	250	313106C100BG	313106C100BI	313106C100BF	313106C100BH	\$ 354.00
				12	300	313106C120BG	313106C120BI	313106C120BF	313106C120BH	\$ 403.20
				16	400	313106C160BG	313106C160BI	313106C160BF	313106C160BH	\$ 456.10

3131 IRON LUG SINGLE PANEL TAPPED REPAIR CLAMP SS BOLTS (LARGE OUTLETS)

Nominal Pipe Size		Pipe OD Range		Width		Outlet Size & Part Number				Price List
Inches	MM	Inches	MM	Inches	MM	1 1/4" NPT	1 1/2" NPT	1 1/4" CC	1 1/2" CC	
6D	150	7.05 - 7.45	179 - 189	8	200	313106D080BG	313106D080BI	313106D080BF	313106D080BH	\$ 282.70
				10	250	313106D100BG	313106D100BI	313106D100BF	313106D100BH	\$ 354.00
				12	300	313106D120BG	313106D120BI	313106D120BF	313106D120BH	\$ 403.20
				16	400	313106D160BG	313106D160BI	313106D160BF	313106D160BH	\$ 456.10
6E	150	7.45 - 7.85	189 - 199	8	200	313106E080BG	313106E080BI	313106E080BF	313106E080BH	\$ 282.70
				10	250	313106E100BG	313106E100BI	313106E100BF	313106E100BH	\$ 354.00
				12	300	313106E120BG	313106E120BI	313106E120BF	313106E120BH	\$ 403.20
				16	400	313106E160BG	313106E160BI	313106E160BF	313106E160BH	\$ 456.10
8A	200	7.95 - 8.35	202 - 212	8	200	313108A080BG	313108A080BI	313108A080BF	313108A080BH	\$ 310.50
				10	250	313108A100BG	313108A100BI	313108A100BF	313108A100BH	\$ 388.40
				12	300	313108A120BG	313108A120BI	313108A120BF	313108A120BH	\$ 448.10
				16	400	313108A160BG	313108A160BI	313108A160BF	313108A160BH	\$ 515.30
8B	200	8.54 - 8.94	217 - 227	8	200	313108B080BG	313108B080BI	313108B080BF	313108B080BH	\$ 315.70
				10	250	313108B100BG	313108B100BI	313108B100BF	313108B100BH	\$ 391.00
				12	300	313108B120BG	313108B120BI	313108B120BF	313108B120BH	\$ 456.00
				16	400	313108B160BG	313108B160BI	313108B160BF	313108B160BH	\$ 530.60
8C	200	8.99 - 9.39	228 - 239	8	200	313108C080BG	313108C080BI	313108C080BF	313108C080BH	\$ 315.70
				10	250	313108C100BG	313108C100BI	313108C100BF	313108C100BH	\$ 391.00
				12	300	313108C120BG	313108C120BI	313108C120BF	313108C120BH	\$ 456.00
				16	400	313108C160BG	313108C160BI	313108C160BF	313108C160BH	\$ 530.60
8D	200	9.27 - 9.67	235 - 246	8	200	313108D080BG	313108D080BI	313108D080BF	313108D080BH	\$ 315.70
				10	250	313108D100BG	313108D100BI	313108D100BF	313108D100BH	\$ 391.00
				12	300	313108D120BG	313108D120BI	313108D120BF	313108D120BH	\$ 456.00
				16	400	313108D160BG	313108D160BI	313108D160BF	313108D160BH	\$ 530.60
10A	250	9.70 - 10.10	246 - 257	8	200	313110A080BG	313110A080BI	313110A080BF	313110A080BH	\$ 339.50
				10	250	313110A100BG	313110A100BI	313110A100BF	313110A100BH	\$ 438.00
				12	300	313110A120BG	313110A120BI	313110A120BF	313110A120BH	\$ 503.00
				16	400	313110A160BG	313110A160BI	313110A160BF	313110A160BH	\$ 613.60
10B	250	10.64 - 11.04	270 - 280	8	200	313110B080BG	313110B080BI	313110B080BF	313110B080BH	\$ 351.50
				10	250	313110B100BG	313110B100BI	313110B100BF	313110B100BH	\$ 442.90
				12	300	313110B120BG	313110B120BI	313110B120BF	313110B120BH	\$ 510.20
				16	400	313110B160BG	313110B160BI	313110B160BF	313110B160BH	\$ 623.10
10C	250	11.04 - 11.44	280 - 291	8	200	313110C080BG	313110C080BI	313110C080BF	313110C080BH	\$ 351.50
				10	250	313110C100BG	313110C100BI	313110C100BF	313110C100BH	\$ 442.90
				12	300	313110C120BG	313110C120BI	313110C120BF	313110C120BH	\$ 510.20
				16	400	313110C160BG	313110C160BI	313110C160BF	313110C160BH	\$ 623.10
10D	250	11.34 - 11.74	288 - 298	8	200	313110D080BG	313110D080BI	313110D080BF	313110D080BH	\$ 351.50
				10	250	313110D100BG	313110D100BI	313110D100BF	313110D100BH	\$ 442.90
				12	300	313110D120BG	313110D120BI	313110D120BF	313110D120BH	\$ 510.20
				16	400	313110D160BG	313110D160BI	313110D160BF	313110D160BH	\$ 623.10

3131 IRON LUG SINGLE PANEL TAPPED REPAIR CLAMP SS BOLTS (LARGE OUTLETS)

Nominal Pipe Size		Pipe OD Range		Width		Outlet Size & Part Number				Price List
Inches	MM	Inches	MM	Inches	MM	1 1/4" NPT	1 1/2" NPT	1 1/4" CC	1 1/2" CC	
10E	250	11.75 - 12.15	298 - 309	8	200	313110E080BG	313110E080BI	313110E080BF	313110E080BH	\$ 351.50
				10	250	313110E100BG	313110E100BI	313110E100BF	313110E100BH	\$ 442.90
				12	300	313110E120BG	313110E120BI	313110E120BF	313110E120BH	\$ 510.20
				16	400	313110E160BG	313110E160BI	313110E160BF	313110E160BH	\$ 623.10
12A	300	12.00 - 12.40	305 - 315	8	200	313112A080BG	313112A080BI	313112A080BF	313112A080BH	\$ 380.40
				10	250	313112A100BG	313112A100BI	313112A100BF	313112A100BH	\$ 474.10
				12	300	313112A120BG	313112A120BI	313112A120BF	313112A120BH	\$ 558.30
				16	400	313112A160BG	313112A160BI	313112A160BF	313112A160BH	\$ 664.00
12B	300	12.62 - 13.02	321 - 331	8	200	313112B080BG	313112B080BI	313112B080BF	313112B080BH	\$ 385.20
				10	250	313112B100BG	313112B100BI	313112B100BF	313112B100BH	\$ 486.10
				12	300	313112B120BG	313112B120BI	313112B120BF	313112B120BH	\$ 572.70
				16	400	313112B160BG	313112B160BI	313112B160BF	313112B160BH	\$ 683.30
12C	300	13.10 - 13.50	333 - 343	8	200	313112C080BG	313112C080BI	313112C080BF	313112C080BH	\$ 385.20
				10	250	313112C100BG	313112C100BI	313112C100BF	313112C100BH	\$ 486.10
				12	300	313112C120BG	313112C120BI	313112C120BF	313112C120BH	\$ 572.70
				16	400	313112C160BG	313112C160BI	313112C160BF	313112C160BH	\$ 683.30
12D	300	13.40 - 13.80	340 - 351	8	200	313112D080BG	313112D080BI	313112D080BF	313112D080BH	\$ 385.20
				10	250	313112D100BG	313112D100BI	313112D100BF	313112D100BH	\$ 486.10
				12	300	313112D120BG	313112D120BI	313112D120BF	313112D120BH	\$ 572.70
				16	400	313112D160BG	313112D160BI	313112D160BF	313112D160BH	\$ 683.30
12E	300	13.70 - 14.10	348 - 358	8	200	313112E080BG	313112E080BI	313112E080BF	313112E080BH	\$ 385.20
				10	250	313112E100BG	313112E100BI	313112E100BF	313112E100BH	\$ 486.10
				12	300	313112E120BG	313112E120BI	313112E120BF	313112E120BH	\$ 572.70
				16	400	313112E160BG	313112E160BI	313112E160BF	313112E160BH	\$ 683.30
12F	300	14.00 - 14.40	356 - 366	8	200	313112F080BG	313112F080BI	313112F080BF	313112F080BH	\$ 385.20
				10	250	313112F100BG	313112F100BI	313112F100BF	313112F100BH	\$ 486.10
				12	300	313112F120BG	313112F120BI	313112F120BF	313112F120BH	\$ 572.70
				16	400	313112F160BG	313112F160BI	313112F160BF	313112F160BH	\$ 683.30

HOW TO ORDER: Choose nominal pipe size, width and outlet size and thread configuration. EXAMPLE: 4" C900 O.D. 4.80 O.D., 8" wide with a 2" NPT outlet. Order 3131- 4B X 8 X 2 NPT. **Part Number:** 313104B080BK .

3131 IRON LUG SINGLE PANEL TAPPED REPAIR CLAMP SS BOLTS (LARGE OUTLETS)

PANEL: Type 304 (18-8) Stainless Steel per ASTM A240.

GASKET: SBR Chek-O-Seal with multi o-ring sealing ribs from 100% new rubber to ensure performance under varying pressures with superior storage characteristics. Suitable for mild acids, water and salt media with a temperature range of -25°F to +200°F per ASTM D2000 . Other materials available.

ARMOR PLATE: Type 304 (18-8) Stainless Steel per ASTM A240, recessed and bonded to the gasket.

BOLTS & NUTS: Type 304 (18-8) Stainless Steel per ASTM A193 and A194. **NOTE:** Hex nuts are furnished with fusion bonded coating to prevent seizing and/or galling.

LUGS: Ductile Iron per ASTM A536.

OUTLET: Type 304 (18-8) Stainless Steel per ASTM A276.



Nominal Pipe Size		Pipe OD Range		Width		Outlet Size & Part Number		Price List
Inches	MM	Inches	MM	Inches	MM	2" CC	2" NPT	
4A	100	4.45 - 4.73	113 - 120	8	200	313104A080BJ	313104A080BK	\$ 263.80
				10	250	313104A100BJ	313104A100BK	\$ 319.20
				12	300	313104A120BJ	313104A120BK	\$ 356.40
				16	400	313104A160BJ	313104A160BK	\$ 392.00
4B	100	4.74 - 5.14	120 - 131	8	200	313104B080BJ	313104B080BK	\$ 274.70
				10	250	313104B100BJ	313104B100BK	\$ 338.70
				12	300	313104B120BJ	313104B120BK	\$ 379.50
				16	400	313104B160BJ	313104B160BK	\$ 443.70
4C	100	4.95 - 5.35	126 - 136	8	200	313104C080BJ	313104C080BK	\$ 274.70
				10	250	313104C100BJ	313104C100BK	\$ 338.70
				12	300	313104C120BJ	313104C120BK	\$ 379.50
				16	400	313104C160BJ	313104C160BK	\$ 443.70
4D	100	5.22 - 5.62	133 - 143	8	200	313104D080BJ	313104D080BK	\$ 274.70
				10	250	313104D100BJ	313104D100BK	\$ 338.70
				12	300	313104D120BJ	313104D120BK	\$ 379.50
				16	400	313104D160BJ	313104D160BK	\$ 443.70
6A	150	5.95 - 6.35	151 - 161	8	200	313106A080BJ	313106A080BK	\$ 298.50
				10	250	313106A100BJ	313106A100BK	\$ 369.30
				12	300	313106A120BJ	313106A120BK	\$ 419.20
				16	400	313106A160BJ	313106A160BK	\$ 471.70
6B	150	6.56 - 6.96	167 - 177	8	200	313106B080BJ	313106B080BK	\$ 302.80
				10	250	313106B100BJ	313106B100BK	\$ 374.10
				12	300	313106B120BJ	313106B120BK	\$ 423.30
				16	400	313106B160BJ	313106B160BK	\$ 476.20
6C	150	6.84 - 7.24	174 - 184	8	200	313106C080BJ	313106C080BK	\$ 302.80
				10	250	313106C100BJ	313106C100BK	\$ 374.10
				12	300	313106C120BJ	313106C120BK	\$ 423.30
				16	400	313106C160BJ	313106C160BK	\$ 476.20

3131 IRON LUG SINGLE PANEL TAPPED REPAIR CLAMP SS BOLTS (LARGE OUTLETS)

Nominal Pipe Size		Pipe OD Range		Width		Outlet Size & Part Number		Price List
Inches	MM	Inches	MM	Inches	MM	2" CC	2" NPT	
6D	150	7.05 - 7.45	179 - 189	8	200	313106D080BJ	313106D080BK	\$ 302.80
				10	250	313106D100BJ	313106D100BK	\$ 374.10
				12	300	313106D120BJ	313106D120BK	\$ 423.30
				16	400	313106D160BJ	313106D160BK	\$ 476.20
6E	150	7.45 - 7.85	189 - 199	8	200	313106E080BJ	313106E080BK	\$ 302.80
				10	250	313106E100BJ	313106E100BK	\$ 374.10
				12	300	313106E120BJ	313106E120BK	\$ 423.30
				16	400	313106E160BJ	313106E160BK	\$ 476.20
8A	200	7.95 - 8.35	202 - 212	8	200	313108A080BJ	313108A080BK	\$ 330.60
				10	250	313108B100BJ	313108B100BK	\$ 408.50
				12	300	313108A120BJ	313108A120BK	\$ 468.20
				16	400	313108A160BJ	313108A160BK	\$ 535.40
8B	200	8.54 - 8.94	217 - 227	8	200	313108B080BJ	313108B080BK	\$ 335.90
				10	250	313108B100BJ	313108B100BK	\$ 411.10
				12	300	313108B120BJ	313108B120BK	\$ 476.10
				16	400	313108B160BJ	313108B160BK	\$ 550.70
8C	200	8.99 - 9.39	228 - 239	8	200	313108C080BJ	313108C080BK	\$ 335.90
				10	250	313108C100BJ	313108C100BK	\$ 411.10
				12	300	313108C120BJ	313108C120BK	\$ 476.10
				16	400	313108C160BJ	313108C160BK	\$ 550.70
8D	200	9.27 - 9.67	235 - 246	8	200	313108D080BJ	313108D080BK	\$ 335.90
				10	250	313108D100BJ	313108D100BK	\$ 411.10
				12	300	313108D120BJ	313108D120BK	\$ 476.10
				16	400	313108D160BJ	313108D160BK	\$ 550.70
10A	250	9.70 - 10.10	246 - 257	8	200	313110A080BJ	313110A080BK	\$ 359.60
				10	250	313110A100BJ	313110A100BK	\$ 458.20
				12	300	313110A120BJ	313110A120BK	\$ 523.00
				16	400	313110A160BJ	313110A160BK	\$ 633.70
10B	250	10.64 - 11.04	270 - 280	8	200	313110B080BJ	313110B080BK	\$ 371.60
				10	250	313110B100BJ	313110B100BK	\$ 463.00
				12	300	313110B120BJ	313110B120BK	\$ 530.30
				16	400	313110B160BJ	313110B160BK	\$ 643.20
10C	250	11.04 - 11.44	280 - 291	8	200	313110C080BJ	313110C080BK	\$ 371.60
				10	250	313110C100BJ	313110C100BK	\$ 463.00
				12	300	313110C120BJ	313110C120BK	\$ 530.30
				16	400	313110C160BJ	313110C160BK	\$ 643.20
10D	250	11.34 - 11.74	288 - 298	8	200	313110D080BJ	313110D080BK	\$ 371.60
				10	250	313110D100BJ	313110D100BK	\$ 463.00
				12	300	313110D120BJ	313110D120BK	\$ 530.30
				16	400	313110D160BJ	313110D160BK	\$ 643.20

3131 IRON LUG SINGLE PANEL TAPPED REPAIR CLAMP SS BOLTS (LARGE OUTLETS)

Nominal Pipe Size		Pipe OD Range		Width		Outlet Size & Part Number		Price List
Inches	MM	Inches	MM	Inches	MM	2" CC	2" NPT	
10E	250	11.75 - 12.15	298 - 309	8	200	313110E080BJ	313110E080BK	\$ 371.60
				10	250	313110E100BJ	313110E100BK	\$ 463.00
				12	300	313110E120BJ	313110E120BK	\$ 530.30
				16	400	313110E160BJ	313110E160BK	\$ 643.20
12A	300	12.00 - 12.40	305 - 315	8	200	313112A080BJ	313112A080BK	\$ 400.50
				10	250	313112A100BJ	313112A100BK	\$ 494.30
				12	300	313112A120BJ	313112A120BK	\$ 578.30
				16	400	313112A160BJ	313112A160BK	\$ 684.20
12B	300	12.62 - 13.02	321 - 331	8	200	313112B080BJ	313112B080BK	\$ 405.30
				10	250	313112B100BJ	313112B100BK	\$ 506.30
				12	300	313112B120BJ	313112B120BK	\$ 592.80
				16	400	313112B160BJ	313112B160BK	\$ 703.40
12C	300	13.10 - 13.50	333 - 343	8	200	313112C080BJ	313112C080BK	\$ 405.30
				10	250	313112C100BJ	313112C100BK	\$ 506.30
				12	300	313112C120BJ	313112C120BK	\$ 592.80
				16	400	313112C160BJ	313112C160BK	\$ 703.40
12D	300	13.40 - 13.80	340 - 351	8	200	313112D080BJ	313112D080BK	\$ 405.30
				10	250	313112D100BJ	313112D100BK	\$ 506.30
				12	300	313112D120BJ	313112D120BK	\$ 592.80
				16	400	313112D160BJ	313112D160BK	\$ 703.40
12E	300	13.70 - 14.10	348 - 358	8	200	313112E080BJ	313112E080BK	\$ 405.30
				10	250	313112E100BJ	313112E100BK	\$ 506.30
				12	300	313112E120BJ	313112E120BK	\$ 592.80
				16	400	313112E160BJ	313112E160BK	\$ 703.40
12F	300	14.00 - 14.40	356 - 366	8	200	313112F080BJ	313112F080BK	\$ 405.30
				10	250	313112F100BJ	313112F100BK	\$ 506.30
				12	300	313112F120BJ	313112F120BK	\$ 592.80
				16	400	313112F160BJ	313112F160BK	\$ 703.40

HOW TO ORDER: Choose nominal pipe size, width and outlet size and thread configuration. EXAMPLE: 4" C900 O.D., 4.80 O.D., 8" wide with a 2" NPT outlet. Order 3131- 4B X 8 X 2 NPT. **Part Number:**313104B080BK .