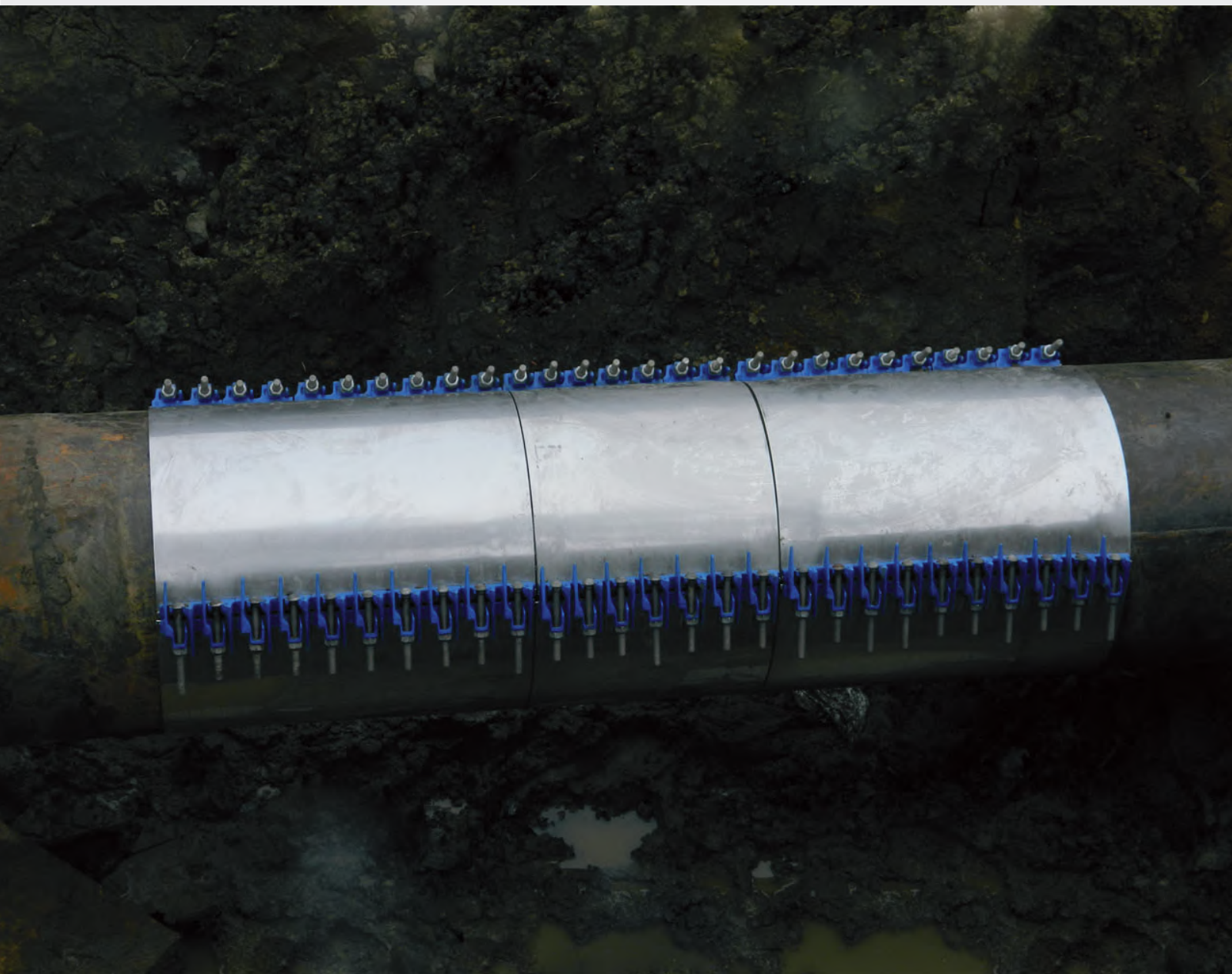




PowerSeal

PIPELINE PRODUCTS CORPORATION



Clamps
January 2015

3121 IRON LUG SINGLE PANEL

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: Low Alloy Steel per ASTM A325, ASTM A563, and AWWA C111.

LUGS: Ductile Iron per ASTM A536.

MEETS AWWA C230



Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
1 1/4	26	1.66	42	8	200	3121012080AA-SB	\$ 88.50
				10	250	3121012100AA-SB	\$ 133.40
				12	300	3121012120AA-SB	\$ 157.10
				16	400	3121012160AA-SB	\$ 180.10
				20	500	3121012200AA-SB	\$ 206.90
				24	600	3121012240AA-SB	\$ 237.80
				30	750	3121012300AA-SB	\$ 273.30
1 1/2	38	1.88 - 1.92	48 - 49	8	200	3121015080AA-SB	\$ 93.50
				10	250	3121015100AA-SB	\$ 140.80
				12	300	3121015120AA-SB	\$ 165.90
				16	400	3121015160AA-SB	\$ 190.70
				20	500	3121015200AA-SB	\$ 217.80
				24	600	3121015240AA-SB	\$ 229.20
				30	750	3121015300AA-SB	\$ 241.30
2	50.00	2.35 - 2.63	60 - 67	8	200	3121020080AA-SB	\$ 98.40
				10	250	3121020100AA-SB	\$ 148.20
				12	300	3121020120AA-SB	\$ 174.60
				16	400	3121020160AA-SB	\$ 200.80
				20	500	3121020200AA-SB	\$ 230.80
				24	600	3121020240AA-SB	\$ 265.30
				30	750	3121020300AA-SB	\$ 304.90
2 1/2	63	2.70 - 3.00	69 - 77	8	200	3121025080AA-SB	\$ 106.80
				10	250	3121025100AA-SB	\$ 158.20
				12	300	3121025120AA-SB	\$ 186.70
				16	400	3121025160AA-SB	\$ 215.20
				20	500	3121025200AA-SB	\$ 247.30
				24	600	3121025240AA-SB	\$ 284.20
				30	750	3121025300AA-SB	\$ 326.70

3121 IRON LUG SINGLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
3A	75	2.97 - 3.25	75 - 83	8	200	312103A080AA-SB	\$ 119.70
				10	250	312103A100AA-SB	\$ 171.20
				12	300	312103A120AA-SB	\$ 199.60
				16	400	312103A160AA-SB	\$ 237.80
				20	500	312103A200AA-SB	\$ 273.30
				24	600	312103A240AA-SB	\$ 314.20
				30	750	312103A300AA-SB	\$ 361.10
3B	75	3.46 - 3.70	88 - 94	8	200	312103B080AA-SB	\$ 119.70
				10	250	312103B100AA-SB	\$ 171.20
				12	300	312103B120AA-SB	\$ 199.60
				16	400	312103B160AA-SB	\$ 237.80
				20	500	312103B200AA-SB	\$ 273.30
				24	600	312103B240AA-SB	\$ 314.20
				30	750	312103B300AA-SB	\$ 361.10
3C	75	3.73 - 4.00	95 - 102	8	200	312103C080AA-SB	\$ 119.70
				10	250	312103C100AA-SB	\$ 171.20
				12	300	312103C120AA-SB	\$ 199.60
				16	400	312103C160AA-SB	\$ 237.80
				20	500	312103C200AA-SB	\$ 273.30
				24	600	312103C240AA-SB	\$ 314.20
				30	750	312103C300AA-SB	\$ 361.10
3D	75	3.96 - 4.25	101 - 108	8	200	312103D080AA-SB	\$ 119.70
				10	250	312103D100AA-SB	\$ 171.20
				12	300	312103D120AA-SB	\$ 199.60
				16	400	312103D160AA-SB	\$ 237.80
				20	500	312103D200AA-SB	\$ 273.30
				24	600	312103D240AA-SB	\$ 314.20
				30	750	312103D300AA-SB	\$ 361.10
4A	100	4.45 - 4.73	113 - 120	8	200	312104A080AA-SB	\$ 132.90
				10	250	312104A100AA-SB	\$ 179.70
				12	300	312104A120AA-SB	\$ 217.80
				16	400	312104A160AA-SB	\$ 262.70
				20	500	312104A200AA-SB	\$ 352.80
				24	600	312104A240AA-SB	\$ 443.10
				30	750	312104A300AA-SB	\$ 543.40
4B	100	4.74 - 5.14	120 - 131	8	200	312104B080AA-SB	\$ 132.90
				10	250	312104B100AA-SB	\$ 179.70
				12	300	312104B120AA-SB	\$ 217.80
				16	400	312104B160AA-SB	\$ 262.70
				20	500	312104B200AA-SB	\$ 352.80
				24	600	312104B240AA-SB	\$ 443.10
				30	750	312104B300AA-SB	\$ 543.40

3121 IRON LUG SINGLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
4C	100	4.95 - 5.35	126 - 136	8	200	312104C080AA-SB	\$ 132.90
				10	250	312104C100AA-SB	\$ 179.70
				12	300	312104C120AA-SB	\$ 217.80
				16	400	312104C160AA-SB	\$ 262.70
				20	500	312104C200AA-SB	\$ 352.80
				24	600	312104C240AA-SB	\$ 443.10
				30	750	312104C300AA-SB	\$ 543.40
4D	100	5.22 - 5.62	133 - 143	8	200	312104D080AA-SB	\$ 132.90
				10	250	312104D100AA-SB	\$ 179.70
				12	300	312104D120AA-SB	\$ 217.80
				16	400	312104D160AA-SB	\$ 262.70
				20	500	312104D200AA-SB	\$ 352.80
				24	600	312104D240AA-SB	\$ 443.10
				30	750	312104D300AA-SB	\$ 543.40
6A	150	5.95 - 6.35	151 - 161	8	200	312106A080AA-SB	\$ 156.80
				10	250	312106A100AA-SB	\$ 212.70
				12	300	312106A120AA-SB	\$ 250.80
				16	400	312106A160AA-SB	\$ 291.50
				20	500	312106A200AA-SB	\$ 422.40
				24	600	312106A240AA-SB	\$ 515.10
				30	750	312106A300AA-SB	\$ 615.50
6B	150	6.56 - 6.96	167 - 177	8	200	312106B080AA-SB	\$ 156.80
				10	250	312106B100AA-SB	\$ 212.70
				12	300	312106B120AA-SB	\$ 250.80
				16	400	312106B160AA-SB	\$ 291.50
				20	500	312106B200AA-SB	\$ 422.40
				24	600	312106B240AA-SB	\$ 515.10
				30	750	312106B300AA-SB	\$ 615.50
6C	150	6.84 - 7.24	174 - 184	8	200	312106C080AA-SB	\$ 156.80
				10	250	312106C100AA-SB	\$ 212.70
				12	300	312106C120AA-SB	\$ 250.80
				16	400	312106C160AA-SB	\$ 291.50
				20	500	312106C200AA-SB	\$ 422.40
				24	600	312106C240AA-SB	\$ 515.10
				30	750	312106C300AA-SB	\$ 615.50
6D	150	7.05 - 7.45	179 - 189	8	200	312106D080AA-SB	\$ 156.80
				10	250	312106D100AA-SB	\$ 212.70
				12	300	312106D120AA-SB	\$ 250.80
				16	400	312106D160AA-SB	\$ 291.50
				20	500	312106D200AA-SB	\$ 422.40
				24	600	312106D240AA-SB	\$ 515.10
				30	750	312106D300AA-SB	\$ 615.50

3121 IRON LUG SINGLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
6E	150	7.45 - 7.85	189 - 199	8	200	312106E080AA-SB	\$ 156.80
				10	250	312106E100AA-SB	\$ 212.70
				12	300	312106E120AA-SB	\$ 250.80
				16	400	312106E160AA-SB	\$ 291.50
				20	500	312106E200AA-SB	\$ 422.40
				24	600	312106E240AA-SB	\$ 515.10
				30	750	312106E300AA-SB	\$ 615.50
8A	200	7.95 - 8.35	202 - 212	8	200	312108A080AA-SB	\$ 187.60
				10	250	312108A100AA-SB	\$ 248.20
				12	300	312108A120AA-SB	\$ 300.40
				16	400	312108A160AA-SB	\$ 358.10
				20	500	312108A200AA-SB	\$ 495.90
				24	600	312108A240AA-SB	\$ 593.30
				30	750	312108A300AA-SB	\$ 698.10
8B	200	8.54 - 8.94	217 - 227	8	200	312108B080AA-SB	\$ 187.60
				10	250	312108B100AA-SB	\$ 248.20
				12	300	312108B120AA-SB	\$ 300.40
				16	400	312108B160AA-SB	\$ 358.10
				20	500	312108B200AA-SB	\$ 495.90
				24	600	312108B240AA-SB	\$ 593.30
				30	750	312108B300AA-SB	\$ 698.10
8C	200	8.99 - 9.39	228 - 239	8	200	312108C080AA-SB	\$ 187.60
				10	250	312108C100AA-SB	\$ 248.20
				12	300	312108C120AA-SB	\$ 300.40
				16	400	312108C160AA-SB	\$ 358.10
				20	500	312108C200AA-SB	\$ 495.90
				24	600	312108C240AA-SB	\$ 593.30
				30	750	312108C300AA-SB	\$ 698.10
8D	200	9.27 - 9.67	235 - 246	8	200	312108D080AA-SB	\$ 187.60
				10	250	312108D100AA-SB	\$ 248.20
				12	300	312108D120AA-SB	\$ 300.40
				16	400	312108D160AA-SB	\$ 358.10
				20	500	312108D200AA-SB	\$ 495.90
				24	600	312108D240AA-SB	\$ 593.30
				30	750	312108D300AA-SB	\$ 698.10
10A	250	9.70 - 10.10	246 - 257	8	200	312110A080AA-SB	\$ 228.30
				10	250	312110A100AA-SB	\$ 308.50
				12	300	312110A120AA-SB	\$ 354.70
				16	400	312110A160AA-SB	\$ 447.10
				20	500	312110A200AA-SB	\$ 597.60
				24	600	312110A240AA-SB	\$ 670.50
				30	750	312110A300AA-SB	\$ 908.60

3121 IRON LUG SINGLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
10B	250	10.64 - 11.04	270 - 280	8	200	312110B080AA-SB	\$ 228.30
				10	250	312110B100AA-SB	\$ 308.50
				12	300	312110B120AA-SB	\$ 354.70
				16	400	312110B160AA-SB	\$ 447.10
				20	500	312110B200AA-SB	\$ 597.60
				24	600	312110B240AA-SB	\$ 670.50
				30	750	312110B300AA-SB	\$ 908.60
10C	250	11.04 - 11.44	280 - 291	8	200	312110C080AA-SB	\$ 228.30
				10	250	312110C100AA-SB	\$ 308.50
				12	300	312110C120AA-SB	\$ 354.70
				16	400	312110C160AA-SB	\$ 447.10
				20	500	312110C200AA-SB	\$ 597.60
				24	600	312110C240AA-SB	\$ 670.50
				30	750	312110C300AA-SB	\$ 908.60
10D	250	11.34 - 11.74	288 - 298	8	200	312110D080AA-SB	\$ 228.30
				10	250	312110D100AA-SB	\$ 308.50
				12	300	312110D120AA-SB	\$ 354.70
				16	400	312110D160AA-SB	\$ 447.10
				20	500	312110D200AA-SB	\$ 597.60
				24	600	312110D240AA-SB	\$ 670.50
				30	750	312110D300AA-SB	\$ 908.60
10E	250	11.75 - 12.15	298 - 309	8	200	312110E080AA-SB	\$ 228.30
				10	250	312110E100AA-SB	\$ 308.50
				12	300	312110E120AA-SB	\$ 354.70
				16	400	312110E160AA-SB	\$ 447.10
				20	500	312110E200AA-SB	\$ 597.60
				24	600	312110E240AA-SB	\$ 670.50
				30	750	312110E300AA-SB	\$ 908.60
12A	300	12.00 - 12.40	305 - 315	8	200	312112A080AA-SB	\$ 257.60
				10	250	312112A100AA-SB	\$ 342.60
				12	300	312112A120AA-SB	\$ 414.50
				16	400	312112A160AA-SB	\$ 515.10
				20	500	312112A200AA-SB	\$ 680.30
				24	600	312112A240AA-SB	\$ 794.50
				30	750	312112A300AA-SB	\$ 1,030.10
12B	300	12.62 - 13.02	321 - 331	8	200	312112B080AA-SB	\$ 257.60
				10	250	312112B100AA-SB	\$ 342.60
				12	300	312112B120AA-SB	\$ 414.50
				16	400	312112B160AA-SB	\$ 515.10
				20	500	312112B200AA-SB	\$ 680.30
				24	600	312112B240AA-SB	\$ 794.50
				30	750	312112B300AA-SB	\$ 1,030.10

3121 IRON LUG SINGLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
12C	300	13.10 - 13.50	333 - 343	8	200	312112C080AA-SB	\$ 257.60
				10	250	312112C100AA-SB	\$ 342.60
				12	300	312112C120AA-SB	\$ 414.50
				16	400	312112C160AA-SB	\$ 515.10
				20	500	312112C200AA-SB	\$ 680.30
				24	600	312112C240AA-SB	\$ 794.50
				30	750	312112C300AA-SB	\$ 1,030.10
12D	300	13.40 - 13.80	340 - 351	8	200	312112D080AA-SB	\$ 257.60
				10	250	312112D100AA-SB	\$ 342.60
				12	300	312112D120AA-SB	\$ 414.50
				16	400	312112D160AA-SB	\$ 515.10
				20	500	312112D200AA-SB	\$ 680.30
				24	600	312112D240AA-SB	\$ 794.50
				30	750	312112D300AA-SB	\$ 1,030.10
12E	300	13.70 - 14.10	348 - 358	8	200	312112E080AA-SB	\$ 257.60
				10	250	312112E100AA-SB	\$ 342.60
				12	300	312112E120AA-SB	\$ 414.50
				16	400	312112E160AA-SB	\$ 515.10
				20	500	312112E200AA-SB	\$ 680.30
				24	600	312112E240AA-SB	\$ 794.50
				30	750	312112E300AA-SB	\$ 1,030.10
12F	300	14.00 - 14.40	356 - 366	8	200	312112F080AA-SB	\$ 257.60
				10	250	312112F100AA-SB	\$ 342.60
				12	300	312112F120AA-SB	\$ 414.50
				16	400	312112F160AA-SB	\$ 515.10
				20	500	312112F200AA-SB	\$ 680.30
				24	600	312112F240AA-SB	\$ 794.50
				30	750	312112F300AA-SB	\$ 1,030.10

MANUFACTURERS RECOMMENDATIONS

- Clamp width should equal or exceed pipe diameter for higher working pressures.
- Repair Clamps are not recommended for use in joining plain end pressure pipe.
- Other sizes and widths not listed are readily available. Price on request.

Pipe OD Range = 0.40" (10mm) Pipe Sizes 1 1/4 through 6 inch are available in 6 inch Width and are priced the same as the 8 inch width. See product 3131 for Tapped Outlets.

HOW TO ORDER: Specify Model Number, Pipe Size with Letter Code, and Width. EXAMPLE: 6" Cast Iron O.D. 6.90 with 12" Clamp Width. Order 3121 - 6C x 12 **Part Number:** 312106C120AA-SB .

NOTE 1: Clamps will not eliminate axial / lateral movement of pipe. Some type of pipe restraint or anchoring product must be used in these situations.

NOTE 2: When clamps are used on HDPE you must use spring washers. See HDPE products section.



COATING OPTION: Anti-Seizing/Galling protection. Available for both Alloy and SST application. Inquire with sales for cost and availability

3121 IRON LUG SINGLE PANEL SS BOLTS

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.

MEETS AWWA C230



Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
1 1/4	26	1.66	42	8	200	3121012080BA-SB	\$ 83.20
				10	250	3121012100BA-SB	\$ 125.40
				12	300	3121012120BA-SB	\$ 147.70
				16	400	3121012160BA-SB	\$ 169.90
				20	500	3121012200BA-SB	\$ 189.10
				24	600	3121012240BA-SB	\$ 254.30
				30	750	3121012300BA-SB	\$ 338.40
1 1/2	38	1.88 - 1.92	48 - 49	8	200	3121015080BA-SB	\$ 90.50
				10	250	3121015100BA-SB	\$ 136.30
				12	300	3121015120BA-SB	\$ 160.60
				16	400	3121015160BA-SB	\$ 184.70
				20	500	3121015200BA-SB	\$ 210.10
				24	600	3121015240BA-SB	\$ 273.40
				30	750	3121015300BA-SB	\$ 363.90
2	50.00	2.35 - 2.63	60 - 67	8	200	3121020080BA-SB	\$ 126.10
				10	250	3121020100BA-SB	\$ 178.40
				12	300	3121020120BA-SB	\$ 205.90
				16	400	3121020160BA-SB	\$ 233.90
				20	500	3121020200BA-SB	\$ 292.40
				24	600	3121020240BA-SB	\$ 326.90
				30	750	3121020300BA-SB	\$ 381.90
2 1/2	63	2.70 - 3.00	69 - 77	8	200	3121025080BA-SB	\$ 129.90
				10	250	3121025100BA-SB	\$ 189.00
				12	300	3121025120BA-SB	\$ 217.50
				16	400	3121025160BA-SB	\$ 261.40
				20	500	3121025200BA-SB	\$ 308.90
				24	600	3121025240BA-SB	\$ 345.80
				30	750	3121025300BA-SB	\$ 403.70

3121 IRON LUG SINGLE PANEL SS BOLTS

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
3A	75	2.97 - 3.25	75 - 83	8	200	312103A080BA-SB	\$ 142.80
				10	250	312103A100BA-SB	\$ 202.00
				12	300	312103A120BA-SB	\$ 230.40
				16	400	312103A160BA-SB	\$ 284.00
				20	500	312103A200BA-SB	\$ 334.90
				24	600	312103A240BA-SB	\$ 380.90
				30	750	312103A300BA-SB	\$ 478.10
3B	75	3.46 - 3.70	88 - 94	8	200	312103B080BA-SB	\$ 142.80
				10	250	312103B100BA-SB	\$ 202.00
				12	300	312103B120BA-SB	\$ 230.40
				16	400	312103B160BA-SB	\$ 284.00
				20	500	312103B200BA-SB	\$ 334.90
				24	600	312103B240BA-SB	\$ 380.90
				30	750	312103B300BA-SB	\$ 478.10
3C	75	3.73 - 4.00	95 - 102	8	200	312103C080BA-SB	\$ 142.80
				10	250	312103C100BA-SB	\$ 202.00
				12	300	312103C120BA-SB	\$ 230.40
				16	400	312103C160BA-SB	\$ 284.00
				20	500	312103C200BA-SB	\$ 334.90
				24	600	312103C240BA-SB	\$ 380.90
				30	750	312103C300BA-SB	\$ 478.10
3D	75	3.96 - 4.25	101 - 108	8	200	312103D080BA-SB	\$ 142.80
				10	250	312103D100BA-SB	\$ 202.00
				12	300	312103D120BA-SB	\$ 230.40
				16	400	312103D160BA-SB	\$ 284.00
				20	500	312103D200BA-SB	\$ 334.90
				24	600	312103D240BA-SB	\$ 380.90
				30	750	312103D300BA-SB	\$ 478.10
4A	100	4.45 - 4.73	113 - 120	8	200	312104A080BA-SB	\$ 170.00
				10	250	312104A100BA-SB	\$ 234.00
				12	300	312104A120BA-SB	\$ 274.80
				16	400	312104A160BA-SB	\$ 338.90
				20	500	312104A200BA-SB	\$ 463.80
				24	600	312104A240BA-SB	\$ 575.90
				30	750	312104A300BA-SB	\$ 698.30
4B	100	4.74 - 5.14	120 - 131	8	200	312104B080BA-SB	\$ 170.00
				10	250	312104B100BA-SB	\$ 234.00
				12	300	312104B120BA-SB	\$ 274.80
				16	400	312104B160BA-SB	\$ 338.90
				20	500	312104B200BA-SB	\$ 463.80
				24	600	312104B240BA-SB	\$ 575.90
				30	750	312104B300BA-SB	\$ 698.30

3121 IRON LUG SINGLE PANEL SS BOLTS

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
4C	100	4.95 - 5.35	126 - 136	8	200	312104C080BA-SB	\$ 170.00
				10	250	312104C100BA-SB	\$ 234.00
				12	300	312104C120BA-SB	\$ 274.80
				16	400	312104C160BA-SB	\$ 338.90
				20	500	312104C200BA-SB	\$ 463.80
				24	600	312104C240BA-SB	\$ 575.90
				30	750	312104C300BA-SB	\$ 698.30
4D	100	5.22 - 5.62	133 - 143	8	200	312104D080BA-SB	\$ 170.00
				10	250	312104D100BA-SB	\$ 234.00
				12	300	312104D120BA-SB	\$ 274.80
				16	400	312104D160BA-SB	\$ 338.90
				20	500	312104D200BA-SB	\$ 463.80
				24	600	312104D240BA-SB	\$ 575.90
				30	750	312104D300BA-SB	\$ 698.30
6A	150	5.95 - 6.35	151 - 161	8	200	312106A080BA-SB	\$ 198.00
				10	250	312106A100BA-SB	\$ 269.40
				12	300	312106A120BA-SB	\$ 318.50
				16	400	312106A160BA-SB	\$ 370.30
				20	500	312106A200BA-SB	\$ 535.20
				24	600	312106A240BA-SB	\$ 649.90
				30	750	312106A300BA-SB	\$ 774.70
6B	150	6.56 - 6.96	167 - 177	8	200	312106B080BA-SB	\$ 198.00
				10	250	312106B100BA-SB	\$ 269.40
				12	300	312106B120BA-SB	\$ 318.50
				16	400	312106B160BA-SB	\$ 370.30
				20	500	312106B200BA-SB	\$ 535.20
				24	600	312106B240BA-SB	\$ 649.90
				30	750	312106B300BA-SB	\$ 774.70
6C	150	6.84 - 7.24	174 - 184	8	200	312106C080BA-SB	\$ 198.00
				10	250	312106C100BA-SB	\$ 269.40
				12	300	312106C120BA-SB	\$ 318.50
				16	400	312106C160BA-SB	\$ 370.30
				20	500	312106C200BA-SB	\$ 535.20
				24	600	312106C240BA-SB	\$ 649.90
				30	750	312106C300BA-SB	\$ 774.70
6D	150	7.05 - 7.45	179 - 189	8	200	312106D080BA-SB	\$ 198.00
				10	250	312106D100BA-SB	\$ 269.40
				12	300	312106D120BA-SB	\$ 318.50
				16	400	312106D160BA-SB	\$ 370.30
				20	500	312106D200BA-SB	\$ 535.20
				24	600	312106D240BA-SB	\$ 649.90
				30	750	312106D300BA-SB	\$ 774.70

3121 IRON LUG SINGLE PANEL SS BOLTS

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
6E	150	7.45 - 7.85	189 - 199	8	200	312106E080BA-SB	\$ 198.00
				10	250	312106E100BA-SB	\$ 269.40
				12	300	312106E120BA-SB	\$ 318.50
				16	400	312106E160BA-SB	\$ 370.30
				20	500	312106E200BA-SB	\$ 535.20
				24	600	312106E240BA-SB	\$ 649.90
				30	750	312106E300BA-SB	\$ 774.70
8A	200	7.95 - 8.35	202 - 212	8	200	312108A080BA-SB	\$ 231.10
				10	250	312108A100BA-SB	\$ 306.40
				12	300	312108A120BA-SB	\$ 371.30
				16	400	312108A160BA-SB	\$ 446.00
				20	500	312108A200BA-SB	\$ 612.80
				24	600	312108A240BA-SB	\$ 732.20
				30	750	312108A300BA-SB	\$ 893.20
8B	200	8.54 - 8.94	217 - 227	8	200	312108B080BA-SB	\$ 231.10
				10	250	312108B100BA-SB	\$ 306.40
				12	300	312108B120BA-SB	\$ 371.30
				16	400	312108B160BA-SB	\$ 446.00
				20	500	312108B200BA-SB	\$ 612.80
				24	600	312108B240BA-SB	\$ 732.20
				30	750	312108B300BA-SB	\$ 893.20
8C	200	8.99 - 9.39	228 - 239	8	200	312108C080BA-SB	\$ 231.10
				10	250	312108C100BA-SB	\$ 306.40
				12	300	312108C120BA-SB	\$ 371.30
				16	400	312108C160BA-SB	\$ 446.00
				20	500	312108C200BA-SB	\$ 612.80
				24	600	312108C240BA-SB	\$ 732.20
				30	750	312108C300BA-SB	\$ 893.20
8D	200	9.27 - 9.67	235 - 246	8	200	312108D080BA-SB	\$ 231.10
				10	250	312108D100BA-SB	\$ 306.40
				12	300	312108D120BA-SB	\$ 371.30
				16	400	312108D160BA-SB	\$ 446.00
				20	500	312108D200BA-SB	\$ 612.80
				24	600	312108D240BA-SB	\$ 732.20
				30	750	312108D300BA-SB	\$ 893.20
10A	250	9.70 - 10.10	246 - 257	8	200	312110A080BA-SB	\$ 266.80
				10	250	312110A100BA-SB	\$ 358.20
				12	300	312110A120BA-SB	\$ 425.50
				16	400	312110A160BA-SB	\$ 538.50
				20	500	312110A200BA-SB	\$ 726.10
				24	600	312110A240BA-SB	\$ 865.50
				30	750	312110A300BA-SB	\$ 1,077.10

3121 IRON LUG SINGLE PANEL SS BOLTS

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
10B	250	10.64 - 11.04	270 - 280	8	200	312110B080BA-SB	\$ 266.80
				10	250	312110B100BA-SB	\$ 358.20
				12	300	312110B120BA-SB	\$ 425.50
				16	400	312110B160BA-SB	\$ 538.50
				20	500	312110B200BA-SB	\$ 726.10
				24	600	312110B240BA-SB	\$ 865.50
				30	750	312110B300BA-SB	\$ 1,077.10
10C	250	11.04 - 11.44	280 - 291	8	200	312110C080BA-SB	\$ 266.80
				10	250	312110C100BA-SB	\$ 358.20
				12	300	312110C120BA-SB	\$ 425.50
				16	400	312110C160BA-SB	\$ 538.50
				20	500	312110C200BA-SB	\$ 726.10
				24	600	312110C240BA-SB	\$ 865.50
				30	750	312110C300BA-SB	\$ 1,077.10
10D	250	11.34 - 11.74	288 - 298	8	200	312110D080BA-SB	\$ 266.80
				10	250	312110D100BA-SB	\$ 358.20
				12	300	312110D120BA-SB	\$ 425.50
				16	400	312110D160BA-SB	\$ 538.50
				20	500	312110D200BA-SB	\$ 726.10
				24	600	312110D240BA-SB	\$ 865.50
				30	750	312110D300BA-SB	\$ 1,077.10
10E	250	11.75 - 12.15	298 - 309	8	200	312110E080BA-SB	\$ 266.80
				10	250	312110E100BA-SB	\$ 358.20
				12	300	312110E120BA-SB	\$ 425.50
				16	400	312110E160BA-SB	\$ 538.50
				20	500	312110E200BA-SB	\$ 726.10
				24	600	312110E240BA-SB	\$ 865.50
				30	750	312110E300BA-SB	\$ 1,077.10
12A	300	12.00 - 12.40	305 - 315	8	200	312112A080BA-SB	\$ 312.50
				10	250	312112A100BA-SB	\$ 411.10
				12	300	312112A120BA-SB	\$ 509.70
				16	400	312112A160BA-SB	\$ 634.70
				20	500	312112A200BA-SB	\$ 829.40
				24	600	312112A240BA-SB	\$ 1,021.80
				30	750	312112A300BA-SB	\$ 1,202.10
12B	300	12.62 - 13.02	321 - 331	8	200	312112B080BA-SB	\$ 312.50
				10	250	312112B100BA-SB	\$ 411.10
				12	300	312112B120BA-SB	\$ 509.70
				16	400	312112B160BA-SB	\$ 634.70
				20	500	312112B200BA-SB	\$ 829.40
				24	600	312112B240BA-SB	\$ 1,021.80
				30	750	312112B300BA-SB	\$ 1,202.10

3121 IRON LUG SINGLE PANEL SS BOLTS

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
12C	300	13.10 - 13.50	333 - 343	8	200	312112C080BA-SB	\$ 312.50
				10	250	312112C100BA-SB	\$ 411.10
				12	300	312112C120BA-SB	\$ 509.70
				16	400	312112C160BA-SB	\$ 634.70
				20	500	312112C200BA-SB	\$ 829.40
				24	600	312112C240BA-SB	\$ 1,021.80
				30	750	312112C300BA-SB	\$ 1,202.10
12D	300	13.40 - 13.80	340 - 351	8	200	312112D080BA-SB	\$ 312.50
				10	250	312112D100BA-SB	\$ 411.10
				12	300	312112D120BA-SB	\$ 509.70
				16	400	312112D160BA-SB	\$ 634.70
				20	500	312112D200BA-SB	\$ 829.40
				24	600	312112D240BA-SB	\$ 1,021.80
				30	750	312112D300BA-SB	\$ 1,202.10
12E	300	13.70 - 14.10	348 - 358	8	200	312112E080BA-SB	\$ 312.50
				10	250	312112E100BA-SB	\$ 411.10
				12	300	312112E120BA-SB	\$ 509.70
				16	400	312112E160BA-SB	\$ 634.70
				20	500	312112E200BA-SB	\$ 829.40
				24	600	312112E240BA-SB	\$ 1,021.80
				30	750	312112E300BA-SB	\$ 1,202.10
12F	300	14.00 - 14.40	356 - 366	8	200	312112F080BA-SB	\$ 312.50
				10	250	312112F100BA-SB	\$ 411.10
				12	300	312112F120BA-SB	\$ 509.70
				16	400	312112F160BA-SB	\$ 634.70
				20	500	312112F200BA-SB	\$ 829.40
				24	600	312112F240BA-SB	\$ 1,021.80
				30	750	312112F300BA-SB	\$ 1,202.10

MANUFACTURERS RECOMMENDATIONS

- Clamp width should equal or exceed pipe diameter for higher working pressures.
- Repair Clamps are not recommended for use in joining plain end pressure pipe.
- Other sizes and widths not listed are readily available. Price on request.

Pipe OD Range = 0.40" (10mm) Pipe Sizes 1 1/4 through 6 inch are available in 6 inch Width and are priced the same as the 8 inch Width. See product 3131 for Tapped Outlets.

HOW TO ORDER: Specify Model Number, Pipe Size with Letter Code, and Width. EXAMPLE: 6" Cast Iron O.D. 6.90 with 12" Clamp Width. Order 3121 - 6C x 12 **Part Number:** 312106C120BA-SB .

NOTE 1: Clamps will not eliminate axial / lateral movement of pipe. Some type of pipe restraint or anchoring product must be used in these situations.

NOTE 2: When clamps are used on HDPE you must use spring washers. See HDPE products section.

3121HD SINGLE PANEL HIGH PRESSURE HEAVY DUTY CLAMP

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: 3/4" diameter low Alloy Steel per ASTM A325, ASTM A563, and AWWA C111. Optional SS available.

LUGS: Ductile Iron per ASTM A536.

MEETS AWWA C230

NOTE: EXACT PIPE OD MUST BE PROVIDED AT TIME OF ORDER.



Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
4A	100	4.45 - 4.73	113-120	10	250	312104A100AA-HD	\$ 341.40
				15	350	312104A150AA-HD	\$ 499.10
				20	500	312104A200AA-HD	\$ 670.30
				30	750	312104A300AA-HD	\$ 1,032.50
4B	100	4.74 - 5.14	120 - 131	10	250	312104B100AA-HD	\$ 341.40
				15	350	312104B150AA-HD	\$ 499.10
				20	500	312104B200AA-HD	\$ 670.30
				30	750	312104B300AA-HD	\$ 1,032.50
4C	100	4.95 - 5.35	126 - 136	10	250	312104C100AA-HD	\$ 341.40
				15	350	312104C150AA-HD	\$ 499.10
				20	500	312104C200AA-HD	\$ 670.30
				30	750	312104C300AA-HD	\$ 1,032.50
4D	100	5.22 - 5.62	133 - 143	10	250	312104D100AA-HD	\$ 341.40
				15	350	312104D150AA-HD	\$ 499.10
				20	500	312104D200AA-HD	\$ 670.30
				30	750	312104D300AA-HD	\$ 1,032.50
6A	150	5.95 - 6.35	151 - 161	10	250	312106A100AA-HD	\$ 404.10
				15	350	312106A150AA-HD	\$ 553.90
				20	500	312106A200AA-HD	\$ 802.60
				30	750	312106A300AA-HD	\$ 1,169.50
6B	150	6.56 - 6.96	167 - 177	10	250	312106B100AA-HD	\$ 404.10
				15	350	312106B150AA-HD	\$ 553.90
				20	500	312106B200AA-HD	\$ 802.60
				30	750	312106B300AA-HD	\$ 1,169.50

3121HD SINGLE PANEL HIGH PRESSURE HEAVY DUTY CLAMP

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
6C	150	6.84 - 7.24	174 - 184	10	250	312106C100AA-HD	\$ 404.10
				15	350	312106C150AA-HD	\$ 553.90
				20	500	312106C200AA-HD	\$ 802.60
				30	750	312106C300AA-HD	\$ 1,169.50
6D	150	7.05 - 7.45	179 - 189	10	250	312106D100AA-HD	\$ 404.10
				15	350	312106D150AA-HD	\$ 553.90
				20	500	312106D200AA-HD	\$ 802.60
				30	750	312106D300AA-HD	\$ 1,169.50
6E	150	7.45 - 7.85	189 - 199	10	250	312106E100AA-HD	\$ 404.10
				15	350	312106E150AA-HD	\$ 553.90
				20	500	312106E200AA-HD	\$ 802.60
				30	750	312106E300AA-HD	\$ 1,169.50
8A	200	7.95 - 8.35	202 - 212	10	250	312108A100AA-HD	\$ 471.60
				15	350	312108A150AA-HD	\$ 680.40
				20	500	312108A200AA-HD	\$ 942.20
				30	750	312108A300AA-HD	\$ 1,326.40
8B	200	8.54 - 8.94	217 - 227	10	250	312108B100AA-HD	\$ 471.60
				15	350	312108B150AA-HD	\$ 680.40
				20	500	312108B200AA-HD	\$ 942.20
				30	750	312108B300AA-HD	\$ 1,326.40
8C	200	8.99 - 9.39	228 - 239	10	250	312108C100AA-HD	\$ 471.60
				15	350	312108C150AA-HD	\$ 680.40
				20	500	312108C200AA-HD	\$ 942.20
				30	750	312108C300AA-HD	\$ 1,326.40
8D	200	9.27 - 9.67	235 - 246	10	250	312108D100AA-HD	\$ 471.60
				15	350	312108D150AA-HD	\$ 680.40
				20	500	312108D200AA-HD	\$ 942.20
				30	750	312108D300AA-HD	\$ 1,326.40
10A	250	9.70 - 10.10	246 - 257	10	250	312110A100AA-HD	\$ 586.20
				15	350	312110A150AA-HD	\$ 849.50
				20	500	312110A200AA-HD	\$ 1,135.40
				30	750	312110A300AA-HD	\$ 1,726.30
10B	250	10.64 - 11.04	270 - 280	10	250	312110B100AA-HD	\$ 586.20
				15	350	312110B150AA-HD	\$ 849.50
				20	500	312110B200AA-HD	\$ 1,135.40
				30	750	312110B300AA-HD	\$ 1,726.30
10C	250	11.04 - 11.44	280 - 291	10	250	312110C100AA-HD	\$ 586.20
				15	350	312110C150AA-HD	\$ 849.50
				20	500	312110C200AA-HD	\$ 1,135.40
				30	750	312110C300AA-HD	\$ 1,726.30

3121HD SINGLE PANEL HIGH PRESSURE HEAVY DUTY CLAMP

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
10D	250	11.34 - 11.74	288 - 298	10	250	312110D100AA-HD	\$ 586.20
				15	400	312110D150AA-HD	\$ 849.50
				20	500	312110D200AA-HD	\$ 1,135.40
				30	750	312110D300AA-HD	\$ 1,726.30
10E	250	11.75 - 12.15	298 - 309	10	250	312110E100AA-HD	\$ 586.20
				15	400	312110E150AA-HD	\$ 849.50
				20	500	312110E200AA-HD	\$ 1,135.40
				30	750	312110E300AA-HD	\$ 1,726.30
12A	300	12.00 - 12.40	305 - 315	10	250	312112A100AA-HD	\$ 650.90
				15	350	312112A150AA-HD	\$ 978.70
				20	500	312112A200AA-HD	\$ 1,292.60
				30	750	312112A300AA-HD	\$ 1,957.20
12B	300	12.62 - 13.02	321 - 331	10	250	312112B100AA-HD	\$ 651.00
				15	350	312112B150AA-HD	\$ 978.70
				20	500	312112B200AA-HD	\$ 1,292.60
				30	750	312112B300AA-HD	\$ 1,957.20
12C	300	13.10 - 13.50	333 - 343	10	250	312112C100AA-HD	\$ 650.90
				15	350	312112C150AA-HD	\$ 978.70
				20	500	312112C200AA-HD	\$ 1,292.60
				30	750	312112C300AA-HD	\$ 1,957.20
12D	300	13.40 - 13.80	340 - 351	10	250	312112D100AA-HD	\$ 650.90
				15	350	312112D150AA-HD	\$ 978.70
				20	500	312112D200AA-HD	\$ 1,292.60
				30	750	312112D300AA-HD	\$ 1,957.20
12E	300	13.70 - 14.10	348 - 358	10	250	312112E100AA-HD	\$ 650.90
				15	350	312112E150AA-HD	\$ 978.70
				20	500	312112E200AA-HD	\$ 1,292.60
				30	750	312112E300AA-HD	\$ 1,957.20
12F	300	14.00 - 14.40	356 - 366	10	250	312112F100AA-HD	\$ 650.90
				15	350	312112F150AA-HD	\$ 978.70
				20	500	312112F200AA-HD	\$ 1,292.60
				30	750	312112F300AA-HD	\$ 1,957.20

NOTE: EXACT PIPE OD MUST BE PROVIDED AT TIME OF ORDER.

With regard to this Pipe Repair Clamps working pressure capabilities; these repair devices are not specifically rated because of application variables that exist in the field. The amount of pressure that any repair clamp will hold is relative to the pipe's diameter, the clamp's length, and the amount of bolt torque.

The application's success with regards to pressure capability is also dependent on the type and extent of pipe damage, service and environmental conditions, and most important the installation workmanship. Please consult with PowerSeal engineering about your specific high pressure situation.

Pipe OD Range = Pipe OD range shown is for pricing only. This particular model of clamp will be made to fit actual OD plus or minus a small variance amount.



COATING OPTION: Anti-Seizing/Galling protection. Available for both Alloy and SST application.

Inquire with sales for cost and availability.

3121CS CAST STAINLESS LUG SINGLE PANEL

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: Type 304 (CF8) Cast Stainless Steel per ASTM A743.

MEETS AWWA C230



Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
1 1/4	26	1.66	42	8	200	3121012080CS-SB	\$ 193.10
				12	300	3121012120CS-SB	\$ 289.50
				16	400	3121012160CS-SB	\$ 386.20
				24	600	3121012240CS-SB	\$ 579.10
1 1/2	38	1.88 - 1.92	48 - 49	8	200	3121015080CS-SB	\$ 205.40
				12	300	3121015120CS-SB	\$ 308.00
				16	400	3121015160CS-SB	\$ 410.80
				24	600	3121015240CS-SB	\$ 616.00
2	50	2.35 - 2.63	60 - 67	8	200	3121020080CS-SB	\$ 218.50
				12	300	3121020120CS-SB	\$ 327.70
				16	400	3121020160CS-SB	\$ 437.00
				24	600	3121020240CS-SB	\$ 655.30
2 1/2	63	2.70 - 3.00	69 - 77	8	200	3121025080CS-SB	\$ 230.20
				12	300	3121025120CS-SB	\$ 343.60
				16	400	3121025160CS-SB	\$ 458.20
				24	600	3121025240CS-SB	\$ 687.30
3A	75	2.97 - 3.25	75 - 83	8	200	312103A080CS-SB	\$ 242.20
				12	300	312103A120CS-SB	\$ 356.60
				16	400	312103A160CS-SB	\$ 472.20
				24	600	312103A240CS-SB	\$ 713.20
3B	75	3.46 - 3.70	88 - 94	8	200	312103B080CS-SB	\$ 242.20
				12	300	312103B120CS-SB	\$ 356.60
				16	400	312103B160CS-SB	\$ 472.20
				24	600	312103B240CS-SB	\$ 713.20
3C	75	3.73 - 4.00	95 - 102	8	200	312103C080CS-SB	\$ 242.20
				12	300	312103C120CS-SB	\$ 356.60
				16	400	312103C160CS-SB	\$ 472.20
				24	600	312103C240CS-SB	\$ 713.20

3121CS CAST STAINLESS LUG SINGLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
3D	75	3.96 - 4.25	101 - 108	8	200	312103D080CS-SB	\$ 242.20
				12	300	312103D120CS-SB	\$ 356.60
				16	400	312103D160CS-SB	\$ 472.20
				24	600	312103D240CS-SB	\$ 713.20
4A	100	4.45 - 4.73	113 - 120	8	200	312104A080CS-SB	\$ 269.20
				12	300	312104A120CS-SB	\$ 390.00
				16	400	312104A160CS-SB	\$ 512.10
				24	600	312104A240CS-SB	\$ 780.00
4B	100	4.74 - 5.14	120 - 131	8	200	312104B080CS-SB	\$ 269.20
				12	300	312104B120CS-SB	\$ 390.00
				16	400	312104B160CS-SB	\$ 512.10
				24	600	312104B240CS-SB	\$ 780.00
4C	100	4.95 - 5.35	126 - 136	8	200	312104C080CS-SB	\$ 269.20
				12	300	312104C120CS-SB	\$ 390.00
				16	400	312104C160CS-SB	\$ 512.10
				24	600	312104C240CS-SB	\$ 780.00
4D	100	5.22 - 5.62	133 - 143	8	200	312104D080CS-SB	\$ 269.20
				12	300	312104D120CS-SB	\$ 390.00
				16	400	312104D160CS-SB	\$ 512.10
				24	600	312104D240CS-SB	\$ 780.00
6A	150	5.95 - 6.35	151 - 161	8	200	312106A080CS-SB	\$ 309.50
				12	300	312106A120CS-SB	\$ 463.80
				16	400	312106A160CS-SB	\$ 619.00
				24	600	312106A240CS-SB	\$ 927.70
6B	150	6.56 - 6.96	167 - 177	8	200	312106B080CS-SB	\$ 309.50
				12	300	312106B120CS-SB	\$ 463.90
				16	400	312106B160CS-SB	\$ 619.00
				24	600	312106B240CS-SB	\$ 927.70
6C	150	6.84 - 7.24	174 - 184	8	200	312106C080CS-SB	\$ 309.50
				12	300	312106C120CS-SB	\$ 463.80
				16	400	312106C160CS-SB	\$ 619.00
				24	600	312106C240CS-SB	\$ 927.70
6D	150	7.05 - 7.45	179 - 189	8	200	312106D080CS-SB	\$ 309.50
				12	300	312106D120CS-SB	\$ 463.80
				16	400	312106D160CS-SB	\$ 619.00
				24	600	312106D240CS-SB	\$ 927.70
6E	150	7.45 - 7.85	189 - 199	8	200	312106E080CS-SB	\$ 309.50
				12	300	312106E120CS-SB	\$ 463.80
				16	400	312106E160CS-SB	\$ 619.00
				24	600	312106E240CS-SB	\$ 927.70

3121CS CAST STAINLESS LUG SINGLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
8A	200	7.95 - 8.35	202 - 212	8	200	312108A080CS-SB	\$ 351.80
				12	300	312108A120CS-SB	\$ 527.20
				16	400	312108A160CS-SB	\$ 703.60
				24	600	312108A240CS-SB	\$ 1,054.30
8B	200	8.54 - 8.94	217 - 227	8	200	312108B080CS-SB	\$ 351.80
				12	300	312108B120CS-SB	\$ 527.20
				16	400	312108B160CS-SB	\$ 703.60
				24	600	312108B240CS-SB	\$ 1,054.30
8C	200	8.99 - 9.39	228 - 239	8	200	312108C080CS-SB	\$ 351.80
				12	300	312108C120CS-SB	\$ 527.20
				16	400	312108C160CS-SB	\$ 703.60
				24	600	312108C240CS-SB	\$ 1,054.30
8D	200	9.27 - 9.67	235 - 246	8	200	312108D080CS-SB	\$ 351.80
				12	300	312108D120CS-SB	\$ 527.20
				16	400	312108D160CS-SB	\$ 703.60
				24	600	312108D240CS-SB	\$ 1,054.30
10A	250	9.70 - 10.10	246 - 257	8	200	312110A080CS-SB	\$ 447.50
				12	300	312110A120CS-SB	\$ 670.80
				16	400	312110A160CS-SB	\$ 895.00
				24	600	312110A240CS-SB	\$ 1,341.60
10B	250	10.64 - 11.04	270 - 280	8	200	312110B080CS-SB	\$ 447.50
				12	300	312110B120CS-SB	\$ 670.80
				16	400	312110B160CS-SB	\$ 895.00
				24	600	312110B240CS-SB	\$ 1,341.60
10C	250	11.04 - 11.44	280 - 291	8	200	312110C080CS-SB	\$ 447.50
				12	300	312110C120CS-SB	\$ 670.80
				16	400	312110C160CS-SB	\$ 895.00
				24	600	312110C240CS-SB	\$ 1,341.60
10D	250	11.34 - 11.74	288 - 298	8	200	312110D080CS-SB	\$ 447.50
				12	300	312110D120CS-SB	\$ 670.80
				16	400	312110D160CS-SB	\$ 895.00
				24	600	312110D240CS-SB	\$ 1,341.60
10E	250	11.75 - 12.15	298 - 309	8	200	312110E080CS-SB	\$ 447.50
				12	300	312110E120CS-SB	\$ 670.80
				16	400	312110E160CS-SB	\$ 895.00
				24	600	312110E240CS-SB	\$ 1,341.60
12A	300	12.00 - 12.40	305 - 315	8	200	312112A080CS-SB	\$ 503.30
				12	300	312112A120CS-SB	\$ 754.10
				16	400	312112A160CS-SB	\$ 1,006.40
				24	600	312112A240CS-SB	\$ 1,508.20

3121CS CAST STAINLESS LUG SINGLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
12B	300	12.62 - 13.02	321 - 331	8	200	312112B080CS-SB	\$ 503.30
				12	300	312112B120CS-SB	\$ 754.10
				16	400	312112B160CS-SB	\$ 1,006.40
				24	600	312112B240CS-SB	\$ 1,508.20
12C	300	13.10 - 13.50	333 - 343	8	200	312112C080CS-SB	\$ 503.30
				12	300	312112C120CS-SB	\$ 754.10
				16	400	312112C160CS-SB	\$ 1,006.40
				24	600	312112C240CS-SB	\$ 1,508.20
12D	300	13.40 - 13.80	340 - 351	8	200	312112D080CS-SB	\$ 503.30
				12	300	312112D120CS-SB	\$ 754.10
				16	400	312112D160CS-SB	\$ 1,006.40
				24	600	312112D240CS-SB	\$ 1,508.20
12E	300	13.70 - 14.10	348 - 358	8	200	312112E080CS-SB	\$ 503.30
				12	300	312112E120CS-SB	\$ 754.10
				16	400	312112E160CS-SB	\$ 1,006.40
				24	600	312112E240CS-SB	\$ 1,508.20
12F	300	14.00 - 14.40	356 - 366	8	200	312112F080CS-SB	\$ 503.30
				12	300	312112F120CS-SB	\$ 754.10
				16	400	312112F160CS-SB	\$ 1,006.40
				24	600	312112F240CS-SB	\$ 1,508.20

MANUFACTURERS RECOMMENDATIONS

- Clamp width should equal or exceed pipe diameter for higher working pressures.
- Repair Clamps are not recommended for use in joining plain end pressure pipe.
- Other sizes and widths not listed are readily available. Price on request.

Pipe OD Range = .40" (10mm)

HOW TO ORDER: Specify Model Number, Pipe Size with Letter Code, and Width. EXAMPLE: 6" Cast Iron O.D. 6.90 with 8" Clamp Width. Order 3121CS - 6C X 8. **Part Number:** 312106C080CS-SB .

NOTE 1: Clamps will not eliminate axial / lateral movement of pipe. Some type of pipe restraint or anchoring product must be used in these situations.

NOTE 2: When clamps are used on HDPE you must use spring washers. See HDPE products section.



COATING OPTION: Anti-Seizing/Galling protection. Available for both Alloy and SST application. Inquire with sales for cost and availability

3121AS ALL STAINLESS SINGLE PANEL

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

WASHERS: Delrin per ASTM D6778.

MEETS AWWA C230



Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
1 1/4	26	1.66	42	8	200	3121012080CA	\$ 108.60
				10	250	3121012100CA	\$ 151.20
				12	300	3121012120CA	\$ 180.70
				16	400	3121012160CA	\$ 202.00
				20	500	3121012200CA	\$ 219.90
				24	600	3121012240CA	\$ 283.30
				30	750	3121012300CA	\$ 346.20
1 1/2	38	1.88 - 1.92	48 - 49	8	200	3121015080CA	\$ 113.10
				10	250	3121015100CA	\$ 157.50
				12	300	3121015120CA	\$ 188.20
				16	400	3121015160CA	\$ 210.40
				20	500	3121015200CA	\$ 229.10
				24	600	3121015240CA	\$ 298.30
				30	750	3121015300CA	\$ 364.40
2	50	2.35 - 2.63	60 - 67	8	200	3121020080CA	\$ 117.90
				10	250	3121020100CA	\$ 164.10
				12	300	3121020120CA	\$ 196.10
				16	400	3121020160CA	\$ 219.20
				20	500	3121020200CA	\$ 238.70
				24	600	3121020240CA	\$ 314.00
				30	750	3121020300CA	\$ 383.60
2 1/2	63	2.70 - 3.00	69 - 77	8	200	3121025080CA	\$ 122.70
				10	250	3121025100CA	\$ 170.10
				12	300	3121025120CA	\$ 200.90
				16	400	3121025160CA	\$ 217.70
				20	500	3121025200CA	\$ 263.60
				24	600	3121025240CA	\$ 348.90
				30	750	3121025300CA	\$ 426.30

3121AS ALL STAINLESS SINGLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
3A	75	2.97 - 3.25	75 - 83	8	200	312103A080CA	\$ 128.80
				10	250	312103A100CA	\$ 177.90
				12	300	312103A120CA	\$ 208.50
				16	400	312103A160CA	\$ 235.40
				20	500	312103A200CA	\$ 302.00
				24	600	312103A240CA	\$ 401.10
				30	750	312103A300CA	\$ 490.10
3B	75	3.46 - 3.70	88 - 94	8	200	312103B080CA	\$ 128.70
				10	250	312103B100CA	\$ 177.90
				12	300	312103B120CA	\$ 208.50
				16	400	312103B160CA	\$ 235.40
				20	500	312103B200CA	\$ 302.00
				24	600	312103B240CA	\$ 401.10
				30	750	312103B300CA	\$ 490.10
3C	75	3.73 - 4.00	95 - 102	8	200	312103C080CA	\$ 128.70
				10	250	312103C100CA	\$ 177.90
				12	300	312103C120CA	\$ 208.50
				16	400	312103C160CA	\$ 235.40
				20	500	312103C200CA	\$ 302.00
				24	600	312103C240CA	\$ 401.10
				30	750	312103C300CA	\$ 490.10
3D	75	3.96 - 4.25	101 - 108	8	200	312103D080CA	\$ 128.70
				10	250	312103D100CA	\$ 177.90
				12	300	312103D120CA	\$ 208.50
				16	400	312103D160CA	\$ 235.40
				20	500	312103D200CA	\$ 302.00
				24	600	312103D240CA	\$ 401.10
				30	750	312103D300CA	\$ 490.10
4A	100	4.45 - 4.73	113 - 120	8	200	312104A080CA	\$ 145.20
				10	250	312104A100CA	\$ 197.90
				12	300	312104A120CA	\$ 230.70
				16	400	312104A160CA	\$ 256.50
				20	500	312104A200CA	\$ 389.00
				24	600	312104A240CA	\$ 521.80
				30	750	312104A300CA	\$ 636.60
4B	100	4.74 - 5.14	120 - 131	8	200	312104B080CA	\$ 145.20
				10	250	312104B100CA	\$ 197.90
				12	300	312104B120CA	\$ 230.70
				16	400	312104B160CA	\$ 256.50
				20	500	312104B200CA	\$ 389.00
				24	600	312104B240CA	\$ 521.80
				30	750	312104B300CA	\$ 636.60

3121AS ALL STAINLESS SINGLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
4C	100	4.95 - 5.35	126 - 136	8	200	312104C080CA	\$ 145.20
				10	250	312104C100CA	\$ 197.90
				12	300	312104C120CA	\$ 230.70
				16	400	312104C160CA	\$ 256.50
				20	500	312104C200CA	\$ 389.00
				24	600	312104C240CA	\$ 521.80
				30	750	312104C300CA	\$ 636.60
4D	100	5.22 - 5.62	133 - 143	8	200	312104D080CA	\$ 145.20
				10	250	312104D100CA	\$ 197.90
				12	300	312104D120CA	\$ 230.70
				16	400	312104D160CA	\$ 256.50
				20	500	312104D200CA	\$ 389.00
				24	600	312104D240CA	\$ 521.80
				30	750	312104D300CA	\$ 636.60
6A	150	5.95 - 6.35	151 - 161	8	200	312106A080CA	\$ 173.80
				10	250	312106A100CA	\$ 235.40
				12	300	312106A120CA	\$ 277.50
				16	400	312106A160CA	\$ 306.00
				20	500	312106A200CA	\$ 461.60
				24	600	312106A240CA	\$ 580.90
				30	750	312106A300CA	\$ 756.30
6B	150	6.56 - 6.96	167 - 177	8	200	312106B080CA	\$ 173.80
				10	250	312106B100CA	\$ 235.40
				12	300	312106B120CA	\$ 277.50
				16	400	312106B160CA	\$ 306.00
				20	500	312106B200CA	\$ 461.60
				24	600	312106B240CA	\$ 580.90
				30	750	312106B300CA	\$ 756.30
6C	150	6.84 - 7.24	174 - 184	8	200	312106C080CA	\$ 173.80
				10	250	312106C100CA	\$ 235.40
				12	300	312106C120CA	\$ 277.50
				16	400	312106C160CA	\$ 306.00
				20	500	312106C200CA	\$ 461.60
				24	600	312106C240CA	\$ 580.90
				30	750	312106C300CA	\$ 756.30
6D	150	7.05 - 7.45	179 - 189	8	200	312106D080CA	\$ 173.80
				10	250	312106D100CA	\$ 235.40
				12	300	312106D120CA	\$ 277.50
				16	400	312106D160CA	\$ 306.00
				20	500	312106D200CA	\$ 461.60
				24	600	312106D240CA	\$ 580.90
				30	750	312106D300CA	\$ 756.30

3121AS ALL STAINLESS SINGLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
6E	150	7.45 - 7.85	189 - 199	8	200	312106E080CA	\$ 173.80
				10	250	312106E100CA	\$ 235.40
				12	300	312106E120CA	\$ 277.50
				16	400	312106E160CA	\$ 306.00
				20	500	312106E200CA	\$ 461.60
				24	600	312106E240CA	\$ 580.90
				30	750	312106E300CA	\$ 756.30
8A	200	7.95 - 8.35	202 - 212	8	200	312108A080CA	\$ 203.60
				10	250	312108A100CA	\$ 269.70
				12	300	312108A120CA	\$ 326.80
				16	400	312108A160CA	\$ 373.40
				20	500	312108A200CA	\$ 529.00
				24	600	312108A240CA	\$ 658.70
				30	750	312108A300CA	\$ 868.40
8B	200	8.54 - 8.94	217 - 227	8	200	312108B080CA	\$ 203.60
				10	250	312108B100CA	\$ 269.70
				12	300	312108B120CA	\$ 326.80
				16	400	312108B160CA	\$ 373.40
				20	500	312108B200CA	\$ 529.00
				24	600	312108B240CA	\$ 658.70
				30	750	312108B300CA	\$ 868.40
8C	200	8.99 - 9.39	228 - 239	8	200	312108C080CA	\$ 203.60
				10	250	312108C100CA	\$ 269.70
				12	300	312108C120CA	\$ 326.80
				16	400	312108C160CA	\$ 373.40
				20	500	312108C200CA	\$ 529.00
				24	600	312108C240CA	\$ 658.70
				30	750	312108C300CA	\$ 868.40
8D	200	9.27 - 9.67	235 - 246	8	200	312108D080CA	\$ 203.60
				10	250	312108D100CA	\$ 269.70
				12	300	312108D120CA	\$ 326.80
				16	400	312108D160CA	\$ 373.40
				20	500	312108D200CA	\$ 529.00
				24	600	312108D240CA	\$ 658.70
				30	750	312108D300CA	\$ 868.40
10A	250	9.70 - 10.10	246 - 257	8	200	312110A080CA	\$ 271.30
				10	250	312110A100CA	\$ 357.00
				12	300	312110A120CA	\$ 425.70
				16	400	312110A160CA	\$ 489.20
				20	500	312110A200CA	\$ 653.20
				24	600	312110A240CA	\$ 811.70
				30	750	312110A300CA	\$ 1,110.50

3121AS ALL STAINLESS SINGLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
10B	250	10.64 - 11.04	270 - 280	8	200	312110B080CA	\$ 271.30
				10	250	312110B100CA	\$ 357.00
				12	300	312110B120CA	\$ 425.70
				16	400	312110B160CA	\$ 489.20
				20	500	312110B200CA	\$ 653.20
				24	600	312110B240CA	\$ 811.70
				30	750	312110B300CA	\$ 1,110.50
10C	250	11.04 - 11.44	280 - 291	8	200	312110C080CA	\$ 271.30
				10	250	312110C100CA	\$ 357.00
				12	300	312110C120CA	\$ 425.70
				16	400	312110C160CA	\$ 489.20
				20	500	312110C200CA	\$ 653.20
				24	600	312110C240CA	\$ 811.70
				30	750	312110C300CA	\$ 1,110.50
10D	250	11.34 - 11.74	288 - 298	8	200	312110D080CA	\$ 271.30
				10	250	312110D100CA	\$ 357.00
				12	300	312110D120CA	\$ 425.70
				16	400	312110D160CA	\$ 489.20
				20	500	312110D200CA	\$ 653.20
				24	600	312110D240CA	\$ 811.70
				30	750	312110D300CA	\$ 1,110.50
10E	250	11.75 - 12.15	298 - 309	8	200	312110E080CA	\$ 271.30
				10	250	312110E100CA	\$ 357.00
				12	300	312110E120CA	\$ 425.70
				16	400	312110E160CA	\$ 489.20
				20	500	312110E200CA	\$ 653.20
				24	600	312110E240CA	\$ 811.70
				30	750	312110E300CA	\$ 1,110.50
12A	300	12.00 - 12.40	305 - 315	8	200	312112A080CA	\$ 308.10
				10	250	312112A100CA	\$ 408.50
				12	300	312112A120CA	\$ 493.40
				16	400	312112A160CA	\$ 557.90
				20	500	312112A200CA	\$ 774.80
				24	600	312112A240CA	\$ 902.20
				30	750	312112A300CA	\$ 1,313.40
12B	300	12.62 - 13.02	321 - 331	8	200	312112B080CA	\$ 308.10
				10	250	312112B100CA	\$ 408.50
				12	300	312112B120CA	\$ 493.40
				16	400	312112B160CA	\$ 557.90
				20	500	312112B200CA	\$ 774.80
				24	600	312112B240CA	\$ 902.20
				30	750	312112B300CA	\$ 1,313.40

3121AS ALL STAINLESS SINGLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
12C	300	13.10 - 13.50	333 - 343	8	200	312112C080CA	\$ 308.10
				10	250	312112C100CA	\$ 408.50
				12	300	312112C120CA	\$ 493.40
				16	400	312112C160CA	\$ 557.90
				20	500	312112C200CA	\$ 774.80
				24	600	312112C240CA	\$ 902.20
				30	750	312112C300CA	\$ 1,313.40
12D	300	13.40 - 13.80	340 - 351	8	200	312112D080CA	\$ 308.10
				10	250	312112D100CA	\$ 408.50
				12	300	312112D120CA	\$ 493.40
				16	400	312112D160CA	\$ 557.90
				20	500	312112D200CA	\$ 774.80
				24	600	312112D240CA	\$ 902.20
				30	750	312112D300CA	\$ 1,313.40
12E	300	13.70 - 14.10	348 - 358	8	200	312112E080CA	\$ 308.10
				10	250	312112E100CA	\$ 408.50
				12	300	312112E120CA	\$ 493.40
				16	400	312112E160CA	\$ 557.90
				20	500	312112E200CA	\$ 774.80
				24	600	312112E240CA	\$ 902.20
				30	750	312112E300CA	\$ 1,313.40
12F	300	14.00 - 14.40	356 - 366	8	200	312112F080CA	\$ 308.10
				10	250	312112F100CA	\$ 408.50
				12	300	312112F120CA	\$ 493.40
				16	400	312112F160CA	\$ 557.90
				20	500	312112F200CA	\$ 774.80
				24	600	312112F240CA	\$ 902.20
				30	750	312112F300CA	\$ 1,313.40

MANUFACTURERS RECOMMENDATIONS

- Clamp width should equal or exceed pipe diameter for higher working pressures.
- Repair Clamps are not recommended for use in joining plain end pressure pipe.
- Other sizes and widths not listed are readily available. Price on request.

HOW TO ORDER: Specify Model Number, Pipe Size with Letter Code, and Width. EXAMPLE: 6" Cast Iron O.D. 6.90 with 12" Clamp Width. Order 3121AS - 6C x 12. **Part Number:**312106C120CA .

NOTE 1: Clamps will not eliminate axial / lateral movement of pipe. Some type of pipe restraint or anchoring product must be used in these situations.

NOTE 2: When clamps are used on HDPE you must use spring washers. See HDPE products section.



COATING OPTION: Anti-Seizing/Galling protection. Available for both Alloy and SST application. Inquire with sales for cost and availability.

3121AS-LW ALL STAINLESS SEWER CLAMP

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

WASHERS: Delrin per MIL-A50424.

MEETS AWWA C230



Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
2 A	50	2.37-2.63	60-67	6	150	312102A060LW	\$ 97.00
				8	200	312102A080LW	\$ 132.90
				12	300	312102A120LW	\$ 221.30
2 B	50	2.62-2.87	67-73	6	150	312102B060LW	\$ 97.00
				8	200	312102B080LW	\$ 132.90
				12	300	312102B120LW	\$ 221.30
2 C	50	2.87-3.12	73-79	6	150	312102C060LW	\$ 97.00
				8	200	312102C080LW	\$ 132.90
				12	300	312102C120LW	\$ 221.30
3A	80	3.45-3.70	88-94	6	150	312103A060LW	\$ 117.40
				8	200	312103A080LW	\$ 144.90
				12	300	312103A120LW	\$ 234.30
3B	80	3.75-4.00	95-102	6	150	312103B060LW	\$ 117.40
				8	200	312103B080LW	\$ 144.90
				12	300	312103B120LW	\$ 234.30
3C	80	3.95-4.20	100-107	6	150	312103C060LW	\$ 117.40
				8	200	312103C080LW	\$ 144.90
				12	300	312103C120LW	\$ 234.30
4A	100	4.45 - 4.75	113-121	6	150	312104A060LW	\$ 131.00
				8	200	312104A080LW	\$ 163.60
				12	300	312104A120LW	\$ 259.80
4B	100	4.74 - 5.14	120-131	6	150	312104B060LW	\$ 131.00
				8	200	312104B080LW	\$ 163.60
				12	300	312104B120LW	\$ 259.80
4C	100	4.95-5.35	126-136	6	150	312104C060LW	\$ 131.00
				8	200	312104C080LW	\$ 163.60
				12	300	312104C120LW	\$ 259.80

3121AS-LW ALL STAINLESS SEWER CLAMP

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
4D	100	5.20-5.60	132-142	6	150	312104D060LW	\$ 131.00
				8	200	312104D080LW	\$ 163.60
				12	300	312104D120LW	\$ 259.80
6A	150	5.95 - 6.35	151 - 161	6	150	312106A060LW	\$ 162.00
				8	200	312106A080LW	\$ 195.20
				12	300	312106A120LW	\$ 312.60
6B	150	6.60 - 7.00	168-178	6	150	312106B060LW	\$ 162.00
				8	200	312106B080LW	\$ 195.20
				12	300	312106B120LW	\$ 313.00
6C	150	6.84 - 7.24	174 - 184	6	150	312106C060LW	\$ 162.00
				8	200	312106C080LW	\$ 195.00
				12	300	312106C120LW	\$ 312.60
6D	150	7.05 - 7.46	179 - 189	6	150	312106D060LW	\$ 162.00
				8	200	312106D080LW	\$ 195.20
				12	300	312106D120LW	\$ 312.60
6E	150	7.40-7.80	188 - 198	6	150	312106E060LW	\$ 162.00
				8	200	312106E080LW	\$ 195.20
				12	300	312106E120LW	\$ 312.60
8A	200	7.95 - 8.35	202 - 212	6	150	312108A060LW	\$ 191.70
				8	200	312108A080LW	\$ 229.30
				12	300	312108A120LW	\$ 368.10
8B	200	8.60 - 9.00	218-229	6	150	312108B060LW	\$ 191.70
				8	200	312108B080LW	\$ 229.30
				12	300	312108B120LW	\$ 368.10
8C	200	9.00-9.40	229-239	6	150	312108C060LW	\$ 191.70
				8	200	312108C080LW	\$ 229.30
				12	300	312108C120LW	\$ 368.10
8D	200	9.30-9.70	236-246	6	150	312108D060LW	\$ 191.70
				8	200	312108D080LW	\$ 229.30
				12	300	312108D120LW	\$ 368.10

MANUFACTURERS RECOMMENDATIONS

- Clamp width should equal or exceed pipe diameter for higher working pressures.
- Repair Clamps are not recommended for use in joining plain end pressure pipe.
- Other sizes and widths not listed are readily available. Price on request.

Pipe OD Range = 0.40" (10mm) Pipe Sizes 1 1/4 through 6 inch are available in 6 inch Width and are priced the same as the 8 inch Width. See product 3131AS for Tapped Outlets.

HOW TO ORDER: Specify Model Number, Pipe Size with Letter Code, and Width. EXAMPLE: 6" SDR 35 PVC O.D. 6.28 with 8" Clamp Width. Order 3121AS-LW - 6A x 8. **Part Number:** 312106A080LW .

NOTE 1: Clamps will not eliminate axial / lateral movement of pipe. Some type of pipe restraint or anchoring product must be used in these situations.

NOTE 2: When clamps are used on HDPE you must use spring washers. See HDPE products section.

3122 IRON LUG DOUBLE PANEL

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: Low Alloy Steel per ASTM A325, ASTM A563, and AWWA C111.

LUGS: Ductile Iron per ASTM A536.

MEETS AWWA C230



Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
3	75	3.49-4.29	89-109	8	200	3122030080AA-LB	\$ 168.70
				10	250	3122030100AA-LB	\$ 205.80
				12	300	3122030120AA-LB	\$ 268.60
				16	400	3122030160AA-LB	\$ 331.40
				20	500	3122030200AA-LB	\$ 534.50
				24	600	3122030240AA-LB	\$ 596.50
				30	750	3122060300AA-LB	\$ 660.20
4A	100	4.44 - 5.24	113-133	8	200	312204A080AA-LB	\$ 182.00
				10	250	312204A100AA-LB	\$ 242.30
				12	300	312204A120AA-LB	\$ 287.90
				16	400	312204A160AA-LB	\$ 360.50
				20	500	312204A200AA-LB	\$ 540.80
				24	600	312204A240AA-LB	\$ 630.40
				30	750	312204A300AA-LB	\$ 721.10
4B	100	4.74 - 5.57	120-141	8	200	312204B080AA-LB	\$ 182.00
				10	250	312204B100AA-LB	\$ 242.30
				12	300	312204B120AA-LB	\$ 287.90
				16	400	312204B160AA-LB	\$ 360.50
				20	500	312204B200AA-LB	\$ 540.80
				24	600	312204B240AA-LB	\$ 630.40
				30	750	312204B300AA-LB	\$ 721.10

3122 IRON LUG DOUBLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
6A	150	6.62 - 7.42	168-188	8	200	312206A080AA-LB	\$ 216.30
				10	250	312206A100AA-LB	\$ 278.20
				12	300	312206A120AA-LB	\$ 324.50
				16	400	312206A160AA-LB	\$ 420.40
				20	500	312206A200AA-LB	\$ 576.90
				24	600	312206A240AA-LB	\$ 720.70
				30	750	312206A300AA-LB	\$ 865.30
6B	150	6.84 - 7.64	174-194	8	200	312206B080AA-LB	\$ 216.30
				10	250	312206B100AA-LB	\$ 278.20
				12	300	312206B120AA-LB	\$ 324.50
				16	400	312206B160AA-LB	\$ 420.40
				20	500	312206B200AA-LB	\$ 576.90
				24	600	312206B240AA-LB	\$ 720.70
				30	750	312206B300AA-LB	\$ 865.30
8A	200	8.62 - 9.42	219-239	8	200	312208A080AA-LB	\$ 244.60
				10	250	312208A100AA-LB	\$ 309.00
				12	300	312208A120AA-LB	\$ 360.50
				16	400	312208A160AA-LB	\$ 478.00
				20	500	312208A200AA-LB	\$ 638.70
				24	600	312208A240AA-LB	\$ 798.00
				30	750	312208A300AA-LB	\$ 958.50
8B	200	8.99 - 9.79	228-249	8	200	312208B080AA-LB	\$ 244.60
				10	250	312208B100AA-LB	\$ 309.00
				12	300	312208B120AA-LB	\$ 360.50
				16	400	312208B160AA-LB	\$ 478.00
				20	500	312208B200AA-LB	\$ 638.70
				24	600	312208B240AA-LB	\$ 798.00
				30	750	312208B300AA-LB	\$ 958.50
10A	250	10.75 - 11.55	273-293	8	200	312210A080AA-LB	\$ 271.20
				10	250	312210A100AA-LB	\$ 355.30
				12	300	312210A120AA-LB	\$ 411.10
				16	400	312210A160AA-LB	\$ 643.90
				20	500	312210A200AA-LB	\$ 824.00
				24	600	312210A240AA-LB	\$ 1,029.40
				30	750	312210A300AA-LB	\$ 1,236.20

3122 IRON LUG DOUBLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
10D	250	11.60 - 12.40	295-315	8	200	312210D080AA-LB	\$ 271.20
				10	250	312210D100AA-LB	\$ 355.30
				12	300	312210D120AA-LB	\$ 411.10
				16	400	312210D160AA-LB	\$ 643.90
				20	500	312210D200AA-LB	\$ 824.00
				24	600	312210D240AA-LB	\$ 1,029.40
				30	750	312210D300AA-LB	\$ 1,236.20
12A	300	12.75 - 13.55	324-344	8	200	312212A080AA-LB	POA
				10	250	312212A100AA-LB	\$ 400.20
				12	300	312212A120AA-LB	\$ 458.40
				16	400	312212A160AA-LB	\$ 679.90
				20	500	312212A200AA-LB	\$ 909.00
				24	600	312212A240AA-LB	\$ 1,134.20
				30	750	312212A300AA-LB	\$ 1,359.80
12B	300	13.20 - 14.00	335-356	8	200	312212B080AA-LB	POA
				10	250	312212B100AA-LB	\$ 400.20
				12	300	312212B120AA-LB	\$ 458.40
				16	400	312212B160AA-LB	\$ 679.90
				20	500	312212B200AA-LB	\$ 909.00
				24	600	312212B240AA-LB	\$ 1,134.20
				30	750	312212B300AA-LB	\$ 1,359.80
12D	300	13.65 - 14.45	347-367	8	200	312212D080AA-LB	POA
				10	250	312212D100AA-LB	\$ 400.20
				12	300	312212D120AA-LB	\$ 458.40
				16	400	312212D160AA-LB	\$ 679.90
				20	500	312212D200AA-LB	\$ 909.00
				24	600	312212D240AA-LB	\$ 1,134.20
				30	750	312212D300AA-LB	\$ 1,359.80
14A	350	14.38 - 15.13	365-384	10	250	312214A100AA-LB	\$ 717.50
				12	300	312214A120AA-LB	\$ 876.70
				16	400	312214A160AA-LB	\$ 1,031.50
				20	500	312214A200AA-LB	\$ 1,399.70
				24	600	312214A240AA-LB	\$ 1,757.60
				30	750	312214A300AA-LB	\$ 2,117.20
14B	350	15.07 - 15.82	383-402	10	250	312214B100AA-LB	\$ 717.50
				12	300	312214B120AA-LB	\$ 876.70
				16	400	312214B160AA-LB	\$ 1,031.50
				20	500	312214B200AA-LB	\$ 1,399.70
				24	600	312214B240AA-LB	\$ 1,757.60
				30	750	312214B300AA-LB	\$ 2,117.20

3122 IRON LUG DOUBLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
16A	400	15.92 - 16.67	404-423	10	250	312216A100AA-LB	\$ 755.30
				12	300	312216A120AA-LB	\$ 924.90
				16	400	312216A160AA-LB	\$ 1,088.10
				20	500	312216A200AA-LB	\$ 1,475.20
				24	600	312216A240AA-LB	\$ 1,843.40
				30	750	312216A300AA-LB	\$ 2,212.80
16B	400	16.56 - 17.31	421-440	10	250	312216B100AA-LB	\$ 755.30
				12	300	312216B120AA-LB	\$ 924.90
				16	400	312216B160AA-LB	\$ 1,088.10
				20	500	312216B200AA-LB	\$ 1,475.20
				24	600	312216B240AA-LB	\$ 1,843.40
				30	750	312216B300AA-LB	\$ 2,212.80
16C	400	17.15 - 17.90	436-455	10	250	312216C100AA-LB	\$ 755.30
				12	300	312216C120AA-LB	\$ 924.90
				16	400	312216C160AA-LB	\$ 1,088.10
				20	500	312216C200AA-LB	\$ 1,475.20
				24	600	312216C240AA-LB	\$ 1,843.40
				30	750	312216C300AA-LB	\$ 2,212.80
18A	450	17.82 - 18.57	453-472	12	300	312218A120AA-LB	\$ 945.00
				16	400	312218A160AA-LB	\$ 1,111.70
				20	500	312218A200AA-LB	\$ 1,501.20
				24	600	312218A240AA-LB	\$ 1,887.20
				30	750	312218A300AA-LB	\$ 2,275.40
18B	450	18.46 - 19.21	469-488	12	300	312218B120AA-LB	\$ 945.00
				16	400	312218B160AA-LB	\$ 1,111.70
				20	500	312218B200AA-LB	\$ 1,501.20
				24	600	312218B240AA-LB	\$ 1,887.20
				30	750	312218B300AA-LB	\$ 2,275.40
18C	450	19.23 - 19.98	488-507	12	300	312218C120AA-LB	\$ 945.00
				16	400	312218C160AA-LB	\$ 1,111.70
				20	500	312218C200AA-LB	\$ 1,501.20
				24	600	312218C240AA-LB	\$ 1,887.20
				30	750	312218C300AA-LB	\$ 2,275.40
20A	500	19.90 - 20.65	505-525	12	300	312220A120AA-LB	\$ 1,014.90
				16	400	312220A160AA-LB	\$ 1,194.30
				20	500	312220A200AA-LB	\$ 1,619.20
				24	600	312220A240AA-LB	\$ 2,033.90
				30	750	312220A300AA-LB	\$ 2,450.00
20B	500	20.70 - 21.45	526-545	12	300	312220B120AA-LB	\$ 1,014.90
				16	400	312220B160AA-LB	\$ 1,194.30
				20	500	312220B200AA-LB	\$ 1,619.20
				24	600	312220B240AA-LB	\$ 2,033.90
				30	750	312220B300AA-LB	\$ 2,450.00

3122 IRON LUG DOUBLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
22A	550	21.52 - 22.27	547-566	12	300	312222A120AA-LB	\$ 1,705.60
				16	400	312222A160AA-LB	\$ 2,006.60
				20	500	312222A200AA-LB	\$ 2,605.20
				24	600	312222A240AA-LB	\$ 3,359.60
				30	750	312222A300AA-LB	\$ 4,115.80
22B	550	22.12 - 22.87	562-581	12	300	312222B120AA-LB	\$ 1,705.60
				16	400	312222B160AA-LB	\$ 2,006.60
				20	500	312222B200AA-LB	\$ 2,605.20
				24	600	312222B240AA-LB	\$ 3,359.60
				30	750	312222B300AA-LB	\$ 4,115.80
22C	550	22.90 - 23.65	582-601	12	300	312222C120AA-LB	\$ 1,705.60
				16	400	312222C160AA-LB	\$ 2,006.60
				20	500	312222C200AA-LB	\$ 2,605.20
				24	600	312222C240AA-LB	\$ 3,359.60
				30	750	312222C300AA-LB	\$ 4,115.80

MANUFACTURERS RECOMMENDATIONS

- Clamp width should equal or exceed pipe diameter for higher working pressures.
- Repair Clamps are not recommended for use in joining plain end pressure pipe.
- Other sizes and widths not listed are readily available. Price on request.

Pipe OD Range = 0.80" (20mm) Pipe Sizes 3 through 6 inch are available in 6 inch Width and are priced the same as the 8 inch Width. See product 3132 for Tapped Outlets.

HOW TO ORDER: Specify Model Number, Pipe Size with Letter Code, and Width. EXAMPLE: 12" Cast Iron O.D. 13.20 with 16" Clamp Width. Order 3122 - 12B x 16 . **Part Number:** 312212B160AA-LB .

NOTE 1: Clamps will not eliminate axial / lateral movement of pipe. Some type of pipe restraint or anchoring product must be used in these situations.

NOTE 2: When clamps are used on HDPE you must use spring washers. See HDPE products section.



COATING OPTION: Anti-Seizing/Galling protection. Available for both Alloy and SST application. Inquire with sales for cost and availability

3122 IRON LUG DOUBLE PANEL SS BOLTS

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.

MEETS AWWA C230



Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
3	75	3.49-4.29	89-109	8	200	3122030080BA-LB	\$ 238.00
				10	250	3122030100BA-LB	\$ 314.40
				12	300	3122030120BA-LB	\$ 357.70
				16	400	3122030160BA-LB	\$ 468.10
				20	500	3122030200BA-LB	\$ 698.20
				24	600	3122030240BA-LB	\$ 810.00
				30	750	3122030300BA-LB	\$ 923.00
4A	100	4.44 - 5.24	113-133	8	200	312204A080BA-LB	\$ 267.60
				10	250	312204A100BA-LB	\$ 359.30
				12	300	312204A120BA-LB	\$ 433.20
				16	400	312204A160BA-LB	\$ 547.90
				20	500	312204A200BA-LB	\$ 805.20
				24	600	312204A240BA-LB	\$ 934.70
				30	750	312204A300BA-LB	\$ 1,065.20
4B	100	4.74 - 5.57	120-141	8	200	312204B080BA-LB	\$ 267.60
				10	250	312204B100BA-LB	\$ 359.30
				12	300	312204B120BA-LB	\$ 433.20
				16	400	312204B160BA-LB	\$ 547.90
				20	500	312204B200BA-LB	\$ 805.20
				24	600	312204B240BA-LB	\$ 934.70
				30	750	312204B300BA-LB	\$ 1,065.20
6A	150	6.62 - 7.42	168-188	8	200	312206A080BA-LB	\$ 298.20
				10	250	312206A100BA-LB	\$ 392.50
				12	300	312206A120BA-LB	\$ 471.50
				16	400	312206A160BA-LB	\$ 606.50
				20	500	312206A200BA-LB	\$ 825.70
				24	600	312206A240BA-LB	\$ 998.50
				30	750	312206A300BA-LB	\$ 1,172.30

3122 IRON LUG DOUBLE PANEL SS BOLTS

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
6B	150	6.84 - 7.64	174-194	8	200	312206B080BA-LB	\$ 298.20
				10	250	312206B100BA-LB	\$ 392.50
				12	300	312206B120BA-LB	\$ 471.50
				16	400	312206B160BA-LB	\$ 606.50
				20	500	312206B200BA-LB	\$ 825.70
				24	600	312206B240BA-LB	\$ 998.50
				30	750	312206B300BA-LB	\$ 1,172.30
8A	200	8.62 - 9.42	219-239	8	200	312208A080BA-LB	\$ 333.80
				10	250	312208A100BA-LB	\$ 428.10
				12	300	312208A120BA-LB	\$ 509.70
				16	400	312208A160BA-LB	\$ 667.70
				20	500	312208A200BA-LB	\$ 843.50
				24	600	312208A240BA-LB	\$ 1,047.90
				30	750	312208A300BA-LB	\$ 1,253.80
8B	200	8.99 - 9.79	228-249	8	200	312208B080BA-LB	\$ 333.80
				10	250	312208B100BA-LB	\$ 428.10
				12	300	312208B120BA-LB	\$ 509.70
				16	400	312208B160BA-LB	\$ 667.70
				20	500	312208B200BA-LB	\$ 843.50
				24	600	312208B240BA-LB	\$ 1,047.90
				30	750	312208B300BA-LB	\$ 1,253.80
10A	250	10.75 - 11.55	273-293m	8	200	312210A080BA-LB	\$ 509.00
				10	250	312210A100BA-LB	\$ 598.90
				12	300	312210A120BA-LB	\$ 733.90
				16	400	312210A160BA-LB	\$ 869.00
				20	500	312210A200BA-LB	\$ 1,144.30
				24	600	312210A240BA-LB	\$ 1,431.40
				30	750	312210A300BA-LB	\$ 1,720.20
10B	250	11.10 - 11.90	282-302	8	200	312210B080BA-LB	\$ 509.00
				10	250	312210B100BA-LB	\$ 598.90
				12	300	312210B120BA-LB	\$ 733.90
				16	400	312210B160BA-LB	\$ 869.00
				20	500	312210B200BA-LB	\$ 1,144.30
				24	600	312210B240BA-LB	\$ 1,431.40
				30	750	312210B300BA-LB	\$ 1,720.20
10D	250	11.60 - 12.40	295-315	8	200	312210D080BA-LB	\$ 509.00
				10	250	312210D100BA-LB	\$ 598.90
				12	300	312210D120BA-LB	\$ 733.90
				16	400	312210D160BA-LB	\$ 869.00
				20	500	312210D200BA-LB	\$ 1,144.30
				24	600	312210D240BA-LB	\$ 1,431.40
				30	750	312210D300BA-LB	\$ 1,720.20

3122 IRON LUG DOUBLE PANEL SS BOLTS

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
12A	300	12.75 - 13.55	324-344	8	200	312212A080BA-LB	POA
				10	250	312212A100BA-LB	\$ 644.20
				12	300	312212A120BA-LB	\$ 779.00
				16	400	312212A160BA-LB	\$ 914.90
				20	500	312212A200BA-LB	\$ 1,213.00
				24	600	312212A240BA-LB	\$ 1,510.70
				30	750	312212A300BA-LB	\$ 1,809.40
12B	300	13.20 - 14.00	335-356	8	200	312212B080BA-LB	POA
				10	250	312212B100BA-LB	\$ 644.20
				12	300	312212B120BA-LB	\$ 779.00
				16	400	312212B160BA-LB	\$ 914.90
				20	500	312212B200BA-LB	\$ 1,213.00
				24	600	312212B240BA-LB	\$ 1,510.70
				30	750	312212B300BA-LB	\$ 1,809.40
12D	300	13.65 - 14.45	347-367	8	200	312212D080BA-LB	POA
				10	250	312212D100BA-LB	\$ 644.20
				12	300	312212D120BA-LB	\$ 779.00
				16	400	312212D160BA-LB	\$ 914.90
				20	500	312212D200BA-LB	\$ 1,213.00
				24	600	312212D240BA-LB	\$ 1,510.70
				30	750	312212D300BA-LB	\$ 1,809.40
14A	350	14.38 - 15.13	365-384	10	250	312214A100BA-LB	\$ 957.50
				12	300	312214A120BA-LB	\$ 1,173.60
				16	400	312214A160BA-LB	\$ 1,390.50
				20	500	312214A200BA-LB	\$ 1,871.70
				24	600	312214A240BA-LB	\$ 2,348.60
				30	750	312214A300BA-LB	\$ 2,826.80
14B	350	15.07 - 15.82	383-402	10	250	312214B100BA-LB	\$ 957.50
				12	300	312214B120BA-LB	\$ 1,173.60
				16	400	312214B160BA-LB	\$ 1,390.50
				20	500	312114B200BA-LB	\$ 1,871.70
				24	600	312214B240BA-LB	\$ 2,348.60
				30	750	312214B300BA-LB	\$ 2,826.80
16A	400	15.92 - 16.67	404-423	10	250	312216A100BA-LB	\$ 1,049.00
				12	300	312216A120BA-LB	\$ 1,283.80
				16	400	312216A160BA-LB	\$ 1,520.50
				20	500	312216A200BA-LB	\$ 2,049.70
				24	600	312216A240BA-LB	\$ 2,573.60
				30	750	312216A300BA-LB	\$ 3,098.60
16B	400	16.56 - 17.31	421-440	10	250	312216B100BA-LB	\$ 1,049.00
				12	300	312216B120BA-LB	\$ 1,283.80
				16	400	312216B160BA-LB	\$ 1,520.50
				20	500	312216B200BA-LB	\$ 2,049.70
				24	600	312216B240BA-LB	\$ 2,573.60
				30	750	312216B300BA-LB	\$ 3,098.60

3122 IRON LUG DOUBLE PANEL SS BOLTS

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
16C	400	17.15 - 17.90	436-455	10	250	312216C100BA-LB	\$ 1,049.00
				12	300	312216C120BA-LB	\$ 1,283.80
				16	400	312216C160BA-LB	\$ 1,520.50
				20	500	312216C200BA-LB	\$ 2,049.70
				24	600	312216C240BA-LB	\$ 2,573.60
				30	750	312216C300BA-LB	\$ 3,098.60
18A	450	17.82 - 18.57	453-472	12	300	312218A120BA-LB	\$ 1,369.30
				16	400	312218A160BA-LB	\$ 1,611.90
				20	500	312218A200BA-LB	\$ 2,174.80
				24	600	312218A240BA-LB	\$ 2,729.20
				30	750	312218A300BA-LB	\$ 3,283.90
18B	450	18.46 - 19.21	469-488	12	300	312218B120BA-LB	\$ 1,369.30
				16	400	312218B160BA-LB	\$ 1,611.90
				20	500	312218B200BA-LB	\$ 2,174.80
				24	600	312218B240BA-LB	\$ 2,729.20
				30	750	312218B300BA-LB	\$ 3,283.90
18C	450	19.23 - 19.98	488-507	12	300	312218C120BA-LB	\$ 1,369.30
				16	400	312218C160BA-LB	\$ 1,611.90
				20	500	312218C200BA-LB	\$ 2,174.80
				24	600	312218C240BA-LB	\$ 2,729.20
				30	750	312218C300BA-LB	\$ 3,283.90
20A	500	19.90 - 20.65	505-525	12	300	312220A120BA-LB	POA
				16	400	312220A160BA-LB	\$ 1,638.40
				20	500	312220A200BA-LB	\$ 2,206.10
				24	600	312220A240BA-LB	\$ 2,768.10
				30	750	312220A300BA-LB	\$ 3,332.00
20B	500	20.70 - 21.45	526-545	12	300	312220B120BA-LB	POA
				16	400	312220B160BA-LB	\$ 1,638.40
				20	500	312220B200BA-LB	\$ 2,206.10
				24	600	312220B240BA-LB	\$ 2,768.10
				30	750	312220B300BA-LB	\$ 3,332.00
22A	550	21.52 - 22.27	547-566	12	300	312222A120BA-LB	POA
				16	400	312222A160BA-LB	\$ 2,713.40
				20	500	312222A200BA-LB	\$ 3,669.60
				24	600	312222A240BA-LB	\$ 4,829.40
				30	750	312222A300BA-LB	\$ 5,990.30
22B	550	22.12 - 22.87	562-581	12	300	312222B120BA-LB	POA
				16	400	312222B160BA-LB	\$ 2,713.40
				20	500	312222B200BA-LB	\$ 3,669.60
				24	600	312222B240BA-LB	\$ 4,829.40
				30	750	312222B300BA-LB	\$ 5,990.30

3122 IRON LUG DOUBLE PANEL SS BOLTS

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
22C	550	22.90 - 23.65	582-601	12	300	312222C120BA-LB	POA
				16	400	312222C160BA-LB	\$ 2,713.40
				20	500	312222C200BA-LB	\$ 3,669.60
				24	600	312222C240BA-LB	\$ 4,829.40
				30	750	312222C300BA-LB	\$ 5,990.30

MANUFACTURERS RECOMMENDATIONS

- Clamp width should equal or exceed pipe diameter for higher working pressures.
- Repair Clamps are not recommended for use in joining plain end pressure pipe.
- Other sizes and widths not listed are readily available. Price on request.

MANUFACTURERS RECOMMENDATIONS

Pipe OD Range = 80" (20mm) Pipe Sizes 3 through 6 inch are available in 6 inch Width and are priced the same as the 8 inch Width. See product 3132 with SS bolts for tapped outlets.

HOW TO ORDER: Specify Model Number, Pipe Size with Letter Code, and Width. EXAMPLE: 12" Cast Iron O.D. 13.20 with 16" Clamp Width. Order 3122 - 12B x 16 SS BOLTS. **Part Number:** 312212B160BA-LB .

NOTE 1: Clamps will not eliminate axial / lateral movement of pipe. Some type of pipe restraint or anchoring product must be used in these situations.

NOTE 2: When clamps are used on HDPE you must use spring washers. See HDPE products section.



COATING OPTION: Anti-Seizing/Galling protection. Available for both Alloy and SST application. Inquire with sales for cost and availability.

3122AS ALL STAINLESS DOUBLE PANEL

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

WASHERS: Delrin per ASTM D6778.

MEETS AWWA C230



Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
3	75	3.49-4.29	89-109	8	200	3122030080CA	\$ 199.30
				10	250	3122030100CA	\$ 264.70
				12	300	3122030120CA	\$ 327.80
				16	400	3122030160CA	\$ 366.40
				20	500	3122030200CA	\$ 479.30
				24	600	3122030240CA	\$ 612.90
				30	750	3122060300CA	\$ 745.50
4A	100	4.44 - 5.24	113-133	8	200	312204A080CA	\$ 229.10
				10	250	312204A100CA	\$ 300.90
				12	300	312204A120CA	\$ 356.40
				16	400	312204A160CA	\$ 426.00
				20	500	312204A200CA	\$ 570.60
				24	600	312204A240CA	\$ 729.70
				30	750	312204A300CA	\$ 847.20
4B	100	4.74 - 5.57	120-141	8	200	312204B080CA	\$ 229.10
				10	250	312204B100CA	\$ 300.90
				12	300	312204B120CA	\$ 356.40
				16	400	312204B160CA	\$ 426.00
				20	500	312204B200CA	\$ 570.60
				24	600	312204B240CA	\$ 729.70
				30	750	312204B300CA	\$ 847.20

3122AS ALL STAINLESS DOUBLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
6A	150	6.62 - 7.42	168-188	8	200	312206A080CA	\$ 263.40
				10	250	312206A100CA	\$ 338.90
				12	300	312206A120CA	\$ 386.00
				16	400	312206A160CA	\$ 498.30
				20	500	312206A200CA	\$ 680.20
				24	600	312206A240CA	\$ 894.40
				30	750	312206A300CA	\$ 962.80
6B	150	6.84 - 7.64	174-194	8	200	312206B080CA	\$ 263.40
				10	250	312206B100CA	\$ 338.90
				12	300	312206B120CA	\$ 386.00
				16	400	312206B160CA	\$ 498.30
				20	500	312206B200CA	\$ 680.20
				24	600	312206B240CA	\$ 894.40
				30	750	312206B300CA	\$ 962.80
8A	200	8.62 - 9.42	219-239	8	200	312208A080CA	\$ 301.50
				10	250	312208A100CA	\$ 376.20
				12	300	312208A120CA	\$ 438.50
				16	400	312208A160CA	\$ 570.60
				20	500	312208A200CA	\$ 772.40
				24	600	312208A240CA	\$ 1,021.50
				30	750	312208A300CA	\$ 1,086.00
8B	200	8.99 - 9.79	228-249	8	200	312208B080CA	\$ 301.50
				10	250	312208B100CA	\$ 376.20
				12	300	312208B120CA	\$ 438.50
				16	400	312208B160CA	\$ 570.60
				20	500	312208B200CA	\$ 772.40
				24	600	312208B240CA	\$ 1,021.50
				30	750	312208B300CA	\$ 1,086.00
10A	250	10.75 - 11.55	273-293	8	200	312210A080CA	\$ 304.80
				10	250	312210A100CA	\$ 493.40
				12	300	312210A120CA	\$ 677.20
				16	400	312210A160CA	\$ 710.10
				20	500	312210A200CA	\$ 946.70
				24	600	312210A240CA	\$ 1,258.70
				30	750	312210A300CA	\$ 1,418.70
10B	250	11.10 - 11.90	282-302	8	200	312210B080CA	\$ 304.80
				10	250	312210B100CA	\$ 493.40
				12	300	312210B120CA	\$ 677.20
				16	400	312210B160CA	\$ 710.10
				20	500	312210B200CA	\$ 946.70
				24	600	312210B240CA	\$ 1,258.70
				30	750	312210B300CA	\$ 1,418.70

3122AS ALL STAINLESS DOUBLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
10D	250	11.60 - 12.40	295-315	8	200	312210D080CA	\$ 304.80
				10	250	312210D100CA	\$ 493.40
				12	300	312210D120CA	\$ 677.20
				16	400	312210D160CA	\$ 710.10
				20	500	312210D200CA	\$ 946.70
				24	600	312210D240CA	\$ 1,258.70
				30	750	312210D300CA	\$ 1,418.70
12A	300	12.75 - 13.55	324-344	8	200	312212A080CA	POA
				10	250	312212A100CA	\$ 565.60
				12	300	312212A120CA	\$ 768.80
				16	400	312212A160CA	\$ 812.30
				20	500	312212A200CA	\$ 1,096.30
				24	600	312212A240CA	\$ 1,398.30
				30	750	312212A300CA	\$ 1,597.70
12B	300	13.20 - 14.00	335-356	8	200	312212B080CA	POA
				10	250	312212B100CA	\$ 565.60
				12	300	312212B120CA	\$ 768.80
				16	400	312212B160CA	\$ 812.30
				20	500	312212B200CA	\$ 1,096.30
				24	600	312212B240CA	\$ 1,398.30
				30	750	312212B300CA	\$ 1,597.70
12D	300	13.65 - 14.45	347-367	8	200	312212D080CA	POA
				10	250	312212D100CA	\$ 565.60
				12	300	312212D120CA	\$ 768.80
				16	400	312212D160CA	\$ 812.30
				20	500	312212D200CA	\$ 1,096.30
				24	600	312212D240CA	\$ 1,398.30
				30	750	312212D300CA	\$ 1,597.70
12F	300	14.00 - 14.80	357-376	8	200	312212F080CA	POA
				10	250	312212F100CA	\$ 565.60
				12	300	312212F120CA	\$ 768.80
				16	400	312212F160CA	\$ 812.30
				20	500	312212F200CA	\$ 1,096.30
				24	600	312212F240CA	\$ 1,398.30
				30	750	312212F300CA	\$ 1,597.70
14A	350	14.38 - 15.13	365-384	10	250	312214A100CA	\$ 756.30
				12	300	312214A120CA	\$ 977.10
				16	400	312214A160CA	\$ 1,089.10
				20	500	312214A200CA	\$ 1,474.70
				24	600	312214A240CA	\$ 1,744.50
				30	750	312214A300CA	\$ 1,836.80

3122AS ALL STAINLESS DOUBLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
14B	350	15.07 - 15.82	383-402	10	250	312214B100CA	\$ 756.30
				12	300	312214B120CA	\$ 977.10
				16	400	312214B160CA	\$ 1,089.10
				20	500	312114B200CA	\$ 1,474.70
				24	600	312214B240CA	\$ 1,744.50
				30	750	312214B300CA	\$ 1,836.80
16A	400	15.92 - 16.67	404-423	12	300	312216A120CA	\$ 1,285.00
				16	400	312216A160CA	\$ 1,394.80
				20	500	312216A200CA	\$ 1,852.90
				24	600	312216A240CA	\$ 2,461.30
				30	750	312216A300CA	\$ 2,857.60
16B	400	16.56 - 17.31	421-440	12	300	312216B120CA	\$ 1,285.00
				16	400	312216B160CA	\$ 1,394.80
				20	500	312216B200CA	\$ 1,852.90
				24	600	312216B240CA	\$ 2,461.30
				30	750	312216B300CA	\$ 2,857.60
16C	400	17.15 - 17.90	436-455	12	300	312216C120CA	\$ 1,285.00
				16	400	312216C160CA	\$ 1,394.80
				20	500	312216C200CA	\$ 1,852.90
				24	600	312216C240CA	\$ 2,461.30
				30	750	312216C300CA	\$ 2,857.60
18A	450	17.82 - 18.57	453-472	16	400	312218A160CA	\$ 1,555.90
				20	500	312218A200CA	\$ 2,107.30
				24	600	312218A240CA	\$ 2,855.10
				30	750	312218A300CA	\$ 3,189.90
18B	450	18.46 - 19.21	469-488	16	400	312218B160CA	\$ 1,555.90
				20	500	312218B200CA	\$ 2,107.30
				24	600	312218B240CA	\$ 2,855.10
				30	750	312218B300CA	\$ 3,189.90
18C	450	19.23 - 19.98	488-507	16	400	312218C160CA	\$ 1,555.90
				20	500	312218C200CA	\$ 2,107.30
				24	600	312218C240CA	\$ 2,855.10
				30	750	312218C300CA	\$ 3,189.90
20A	500	19.90 - 20.65	505-525	16	400	312220A160CA	\$ 2,447.20
				20	500	312220A200CA	\$ 3,323.30
				24	600	312220A240CA	\$ 4,513.00
				30	750	312220A300CA	\$ 5,035.40
20B	500	20.70 - 21.45	526-545	16	400	312220B160CA	\$ 2,447.20
				20	500	312220B200CA	\$ 3,323.30
				24	600	312220B240CA	\$ 4,513.00
				30	750	312220B300CA	\$ 5,035.40

3122AS ALL STAINLESS DOUBLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
22A	550	21.52 - 22.27	547-566	16	400	312222A160CA	\$ 2,517.70
				20	500	312222A200CA	\$ 3,424.00
				24	600	312222A240CA	\$ 4,656.70
				30	750	312222A300CA	\$ 5,136.10
22B	550	22.12 - 22.87	562-581	16	400	312222B160CA	\$ 2,517.70
				20	500	312222B200CA	\$ 3,424.00
				24	600	312222B240CA	\$ 4,656.70
				30	750	312222B300CA	\$ 5,136.10
22C	550	22.90 - 23.65	582-601	16	400	312222C160CA	\$ 2,517.70
				20	500	312222C200CA	\$ 3,424.00
				24	600	312222C240CA	\$ 4,656.70
				30	750	312222C300CA	\$ 5,136.10

MANUFACTURERS RECOMMENDATIONS

- Clamp width should equal or exceed pipe diameter for higher working pressures.
- Repair Clamps are not recommended for use in joining plain end pressure pipe.
- Other sizes and widths not listed are readily available. Price on request.

Pipe OD Range = 0.80" (20mm) Pipe Sizes 3 through 6 inch are available in 6 inch Width and are priced the same as the 8 inch Width. See product 3132AS for Tapped Outlets.

HOW TO ORDER: Specify Model Number, Pipe Size with Letter Code, and Width. EXAMPLE: 10" Ductile Iron O.D. 11.10 with 12" Clamp Width. Order 3122AS - 10B x 12. **Part Number:** 312210B120CA .

NOTE 1: Clamps will not eliminate axial / lateral movement of pipe. Some type of pipe restraint or anchoring product must be used in these situations.

NOTE 2: When clamps are used on HDPE you must use spring washers. See HDPE products section.



COATING OPTION: Anti-Seizing/Galling protection. Available for both Alloy and SST application. Inquire with sales for cost and availability

3122AS HP ALL STAINLESS DOUBLE PANEL (FOR HIGH PRESSURE APPLICATIONS)**Exact Pipe OD must be provided with orders**

PANEL & LUGS: 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.

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

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

MEETS AWWA C230



Nominal Pipe Size		Width		Part Number	List Price
Inches	MM	Inches	MM		
4	100	16	400	312204X160CA-HP	\$ 906.90
		20	500	312204X200CA-HP	\$ 1,209.30
		24	600	312204X240CA-HP	\$ 1,511.50
		30	750	312204X300CA-HP	\$ 1,778.30
6	150	16	400	312206X160CA-HP	\$ 922.50
		20	500	312106X200CA-HP	\$ 1,230.10
		24	600	312206X240CA-HP	\$ 1,537.60
		30	750	312206X300CA-HP	\$ 1,809.00
8	200	16	400	312208X160CA-HP	\$ 938.00
		20	500	312208X200CA-HP	\$ 1,250.60
		24	600	312208X240CA-HP	\$ 1,563.40
		30	750	312208X300CA-HP	\$ 1,839.10
10	250	16	400	312210X160CA-HP	\$ 1,082.30
		20	500	312210X200CA-HP	\$ 1,442.90
		24	600	312210X240CA-HP	\$ 1,803.60
		30	750	312210X300CA-HP	\$ 2,121.90
12	300	16	400	312212X160CA-HP	\$ 1,210.00
		20	500	312212X200CA-HP	\$ 1,613.40
		24	600	312212X240CA-HP	\$ 2,016.60
		30	750	312212X300CA-HP	\$ 2,372.50
14	350	16	400	312214X160CA-HP	\$ 1,428.10
		20	500	312214X200CA-HP	\$ 1,904.10
		24	600	312214X240CA-HP	\$ 2,380.10
		30	750	312214X300CA-HP	\$ 2,800.10

3122AS HP ALL STAINLESS DOUBLE PANEL (FOR HIGH PRESSURE APPLICATIONS)

Nominal Pipe Size		Width		Part Number	List Price
Inches	MM	Inches	MM		
16	400	16	400	312216X160CA-HP	\$ 1,711.90
		20	500	312206X200CA-HP	\$ 2,282.40
		24	600	312216X240CA-HP	\$ 2,853.00
		30	750	312216X300CA-HP	\$ 3,356.40
18	450	16	400	312218X160CA-HP	\$ 1,759.50
		20	500	312218X200CA-HP	\$ 2,428.30
		24	600	312218X240CA-HP	\$ 2,932.60
		30	750	312218X300CA-HP	\$ 3,450.10
20	500	16	400	312220X160CA-HP	\$ 1,807.10
		20	500	312220X200CA-HP	\$ 2,409.40
		24	600	312220X240CA-HP	\$ 3,011.60
		30	750	312220X300CA-HP	\$ 3,543.10
22	550	16	400	312222X160CA-HP	\$ 1,898.60
		20	500	312222X200CA-HP	\$ 2,531.60
		24	600	312222X240CA-HP	\$ 3,164.50
		30	750	312222X300CA-HP	\$ 3,722.90

MANUFACTURERS RECOMMENDATIONS

- Clamp width should equal or exceed pipe diameter for higher working pressures.
- Repair Clamps are not recommended for use in joining plain end pressure pipe.
- Other sizes and widths not listed are readily available. Price on request.

HOW TO ORDER: Specify Model Number, Pipe Size with Letter Code, and Width. EXAMPLE: 12" O.D. 13.20 with 16" Clamp Width. Order 3122AS HP - 12 x 16. **Part Number:** 312212X160CA-HP. See 3495AS for Tapped Outlets.

NOTE 1: Must provide exact pipe diameter, applicable pressure and a detailed description of the nature of the repair. This repair device is fabricated to fit an exact O.D. It has limited range capability.

NOTE 2: The working pressure of this clamp depends upon many variables, i.e., pipe diameter, clamp length, bolt torque, extent and type of damage (beam load break/blow out), surge pressures, service conditions, backfill, and installation workmanship. Please call our sales engineers with the specifics of your repair situation. Custom sizes and ranges available.

NOTE 3: When using this style of clamp on a repair involving a large damaged area or a hole please consult with factory about a SS spanner piece we recommend for use in these situations.

NOTE 4: Clamps will not eliminate axial / lateral movement of pipe. Some type of pipe restraint or anchoring product must be used in these situations.

NOTE 5: When clamps are used on HDPE you must use spring washers. See HDPE products section.

3123 IRON LUG TRIPLE PANEL

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: Low Alloy Steel per ASTM A325, ASTM A563, and AWWA C111. Optional Stainless Steel materials available with fusion bonded anti-galling coated nuts.

LUGS: Ductile Iron per ASTM A536.

MEETS AWWA C230



Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
10A	250	11.04 - 12.24	280-311	16	400	312310A160AA-LB	\$ 626.20
				20	500	312310A200AA-LB	\$ 830.00
				24	600	312310A240AA-LB	\$ 1,041.20
				30	750	312310A300AA-LB	\$ 1,252.50
				36	900	312310A360AA-LB	\$ 1,508.20
				42	1100	312310A420AA-LB	\$ 1,817.10
				48	1200	312310A480AA-LB	\$ 2,177.50
12A	300	13.14 - 14.34	334-364	16	400	312312A160AA-LB	\$ 677.20
				20	500	312312A200AA-LB	\$ 901.20
				24	600	312312A240AA-LB	\$ 1,125.30
				30	750	312312A300AA-LB	\$ 1,349.30
				36	900	312312A360AA-LB	\$ 1,624.80
				42	1100	312312A420AA-LB	\$ 1,956.10
				48	1200	312312A480AA-LB	\$ 2,357.30
12B	300	13.65-14.85	347-377	16	400	312312B160AA-LB	\$ 677.20
				20	500	312312B200AA-LB	\$ 901.20
				24	600	312312B240AA-LB	\$ 1,125.30
				30	750	312312B300AA-LB	\$ 1,349.30
				36	900	312312B360AA-LB	\$ 1,624.80
				42	1100	312312B420AA-LB	\$ 1,956.10
				48	1200	312312B480AA-LB	\$ 2,357.30
14A	350	14.95 - 16.05	377-408	16	400	312314A160AA-LB	\$ 1,000.40
				20	500	312314A200AA-LB	\$ 1,354.60
				24	600	312314A240AA-LB	\$ 1,795.80
				30	750	312314A300AA-LB	\$ 2,236.80
				36	900	312314A360AA-LB	\$ 2,694.20
				42	1100	312314A420AA-LB	\$ 3,245.90
				48	1200	312314A480AA-LB	\$ 3,911.20
14B	350	15.92 - 17.12	404-435	16	400	312314B160AA-LB	\$ 1,000.40
				20	500	312314B200AA-LB	\$ 1,354.70
				24	600	312314B240AA-LB	\$ 1,795.80
				30	750	312314B300AA-LB	\$ 2,236.80
				36	900	312314B360AA-LB	\$ 2,694.20
				42	1100	312314B420AA-LB	\$ 3,245.90
				48	1200	312314B480AA-LB	\$ 3,911.20

3123 IRON LUG TRIPLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
16A	400	17.15 - 18.35	436-466	16	400	312316A160AA-LB	\$ 1,078.80
				20	500	312316A200AA-LB	\$ 1,460.80
				24	600	312316A240AA-LB	\$ 1,914.60
				30	750	312316A300AA-LB	\$ 2,367.50
				36	900	312316A360AA-LB	\$ 2,851.80
				42	1100	312316A420AA-LB	\$ 3,436.00
				48	1200	312316A480AA-LB	\$ 4,139.80
16B	400	18.46 - 19.66	469-499	16	400	312316B160AA-LB	\$ 1,078.80
				20	500	312316B200AA-LB	\$ 1,460.80
				24	600	312316B240AA-LB	\$ 1,914.60
				30	750	312316B300AA-LB	\$ 2,367.50
				36	900	312316B360AA-LB	\$ 2,851.80
				42	1100	312316B420AA-LB	\$ 3,436.00
				48	1200	312316B480AA-LB	\$ 4,139.80
18A	450	19.45 - 20.65	494-525	16	400	312318A160AA-LB	\$ 1,097.80
				20	500	312318A200AA-LB	\$ 1,485.80
				24	600	312318A240AA-LB	\$ 1,976.50
				30	750	312318A300AA-LB	\$ 2,465.80
				36	900	312318A360AA-LB	\$ 2,970.50
				42	1100	312318A420AA-LB	\$ 3,579.30
				48	1200	312318A480AA-LB	\$ 4,312.50
20A	500	21.52 - 22.72	547-577	16	400	312320A160AA-LB	\$ 1,116.70
				20	500	312320A200AA-LB	\$ 1,512.10
				24	600	312320A240AA-LB	\$ 2,039.30
				30	750	312320A300AA-LB	\$ 2,566.10
				36	900	312320A360AA-LB	\$ 3,091.00
				42	1100	312320A420AA-LB	\$ 3,724.10
				48	1200	312320A480AA-LB	\$ 4,486.90
22A	550	22.80 - 24.00	579-610	16	400	312322A160AA-LB	\$ 1,596.50
				20	500	312322A200AA-LB	\$ 2,164.60
				24	600	312322A240AA-LB	\$ 2,790.00
				30	750	312322A300AA-LB	\$ 3,413.40
				36	900	312322A360AA-LB	\$ 4,120.00
				42	1100	312322A420AA-LB	\$ 4,920.00
				48	1200	312322A480AA-LB	\$ 5,904.10
24A	600	23.28 - 24.48	591-622	16	400	312324A160AA-LB	\$ 2,077.40
				20	500	312324A200AA-LB	\$ 2,818.20
				24	600	312324A240AA-LB	\$ 3,541.40
				30	750	312324A300AA-LB	\$ 4,261.60
				36	900	312324A360AA-LB	\$ 5,133.10
				42	1100	312324A420AA-LB	\$ 6,185.70
				48	1200	312324A480AA-LB	\$ 7,452.60

3123 IRON LUG TRIPLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
24B	600	24.38 - 25.58	619-650	16	400	312324B160AA-LB	\$ 2,077.40
				20	500	312324B200AA-LB	\$ 2,818.20
				24	600	312324B240AA-LB	\$ 3,541.40
				30	750	312324B300AA-LB	\$ 4,261.60
				36	900	312324B360AA-LB	\$ 5,133.10
				42	1100	312324B420AA-LB	\$ 6,185.70
				48	1200	312324B480AA-LB	\$ 7,452.60
24C	600	25.70 - 26.90	653-683	16	400	312324C160AA-LB	\$ 2,077.40
				20	500	312324C200AA-LB	\$ 2,818.20
				24	600	312324C240AA-LB	\$ 3,541.40
				30	750	312324C300AA-LB	\$ 4,261.60
				36	900	312324C360AA-LB	\$ 5,133.10
				42	1100	312324C420AA-LB	\$ 6,185.70
				48	1200	312324C480AA-LB	\$ 7,452.60
24D	600	26.48 - 27.68	673-703	16	400	312324D160AA-LB	\$ 2,077.40
				20	500	312324D200AA-LB	\$ 2,818.20
				24	600	312324D240AA-LB	\$ 3,541.40
				30	750	312324D300AA-LB	\$ 4,261.60
				36	900	312324D360AA-LB	\$ 5,133.10
				42	1100	312324D420AA-LB	\$ 6,185.70
				48	1200	312324D480AA-LB	\$ 7,452.60
24E	600	27.65 - 28.85	702-733	16	400	312324E160AA-LB	\$ 2,077.40
				20	500	312324E200AA-LB	\$ 2,818.20
				24	600	312324E240AA-LB	\$ 3,541.40
				30	750	312324E300AA-LB	\$ 4,261.60
				36	900	312324E360AA-LB	\$ 5,133.10
				42	1100	312324E420AA-LB	\$ 6,185.70
				48	1200	312324E480AA-LB	\$ 7,452.60
24F	600	28.73 - 29.93	730-760	16	400	312324F160AA-LB	\$ 2,077.40
				20	500	312324F200AA-LB	\$ 2,818.20
				24	600	312324F240AA-LB	\$ 3,541.40
				30	750	312324F300AA-LB	\$ 4,261.60
				36	900	312324F360AA-LB	\$ 5,133.10
				42	1100	312324F420AA-LB	\$ 6,185.70
				48	1200	312324F480AA-LB	\$ 7,452.60
30A	750	29.62 - 30.82	752-783	16	400	312330A160AA-LB	\$ 2,596.00
				20	500	312330A200AA-LB	\$ 3,522.40
				24	600	312330A240AA-LB	\$ 4,426.40
				30	750	312330A300AA-LB	\$ 5,326.60
				36	900	312330A360AA-LB	\$ 6,416.90
				42	1100	312330A420AA-LB	\$ 7,732.10
				48	1200	312330A480AA-LB	\$ 9,315.80

3123 IRON LUG TRIPLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
30B	750	31.74 - 32.94	806-837	16	400	312330B160AA-LB	\$ 2,596.00
				20	500	312330B200AA-LB	\$ 3,522.40
				24	600	312330B240AA-LB	\$ 4,426.40
				30	750	312330B300AA-LB	\$ 5,326.60
				36	900	312330B360AA-LB	\$ 6,416.90
				42	1100	312330B420AA-LB	\$ 7,732.10
				48	1200	312330B480AA-LB	\$ 9,315.80
30C	750	32.40 - 33.60	823-853	16	400	312330C160AA-LB	\$ 2,596.00
				20	500	312330C200AA-LB	\$ 3,522.40
				24	600	312330C240AA-LB	\$ 4,426.40
				30	750	312330C300AA-LB	\$ 5,326.60
				36	900	312330C360AA-LB	\$ 6,416.90
				42	1100	312330C420AA-LB	\$ 7,732.10
				48	1200	312330C480AA-LB	\$ 9,315.80
36A	900	37.93-39.13	963-994	16	400	312336A160AA-LB	\$ 3,053.50
				20	500	312336A200AA-LB	\$ 4,143.70
				24	600	312336A240AA-LB	\$ 5,207.00
				30	750	312336A300AA-LB	\$ 6,266.30
				36	900	312336A360AA-LB	\$ 7,371.50
				42	1100	312336A420AA-LB	\$ 8,672.30
				48	1200	312336A480AA-LB	\$ 10,202.40
36B	900	38.54 - 39.74	979-1009	16	400	312336B160AA-LB	\$ 3,053.50
				20	500	312336B200AA-LB	\$ 4,143.70
				24	600	312336B240AA-LB	\$ 5,207.00
				30	750	312336B300AA-LB	\$ 6,266.30
				36	900	312336B360AA-LB	\$ 7,371.50
				42	1100	312336B420AA-LB	\$ 8,672.30
				48	1200	312336B480AA-LB	\$ 10,202.40
36C	900	39.16 - 40.36	995-1025	16	400	312336C160AA-LB	\$ 3,053.50
				20	500	312336C200AA-LB	\$ 4,143.70
				24	600	312336C240AA-LB	\$ 5,207.00
				30	750	312336C300AA-LB	\$ 6,266.30
				36	900	312336C360AA-LB	\$ 7,371.50
				42	1100	312336C420AA-LB	\$ 8,672.30
				48	1200	312336C480AA-LB	\$ 10,202.40
36D	900	39.55 - 40.75	1005-1035	16	400	312336D160AA-LB	\$ 3,053.50
				20	500	312336D200AA-LB	\$ 4,143.70
				24	600	312336D240AA-LB	\$ 5,207.00
				30	750	312336D300AA-LB	\$ 6,266.30
				36	900	312336D360AA-LB	\$ 7,371.50
				42	1100	312336D420AA-LB	\$ 8,672.30
				48	1200	312336D480AA-LB	\$ 10,202.40

3123 IRON LUG TRIPLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
48A	1200	50.10 - 51.30	1273-1303	16	400	312348A160AA-LB	\$ 3,592.00
				20	500	312348A200AA-LB	\$ 4,874.80
				24	600	312348A240AA-LB	\$ 6,125.70
				30	750	312348A300AA-LB	\$ 7,371.50
				36	900	312348A360AA-LB	\$ 8,881.30
				42	1100	312348A420AA-LB	\$ 10,448.70
				48	1200	312348A480AA-LB	\$ 12,292.50
48B	1200	50.72 - 51.92	1288-1319	16	400	312348B160AA-LB	\$ 3,592.00
				20	500	312348B200AA-LB	\$ 4,874.80
				24	600	312348B240AA-LB	\$ 6,125.70
				30	750	312348B300AA-LB	\$ 7,371.50
				36	900	312348B360AA-LB	\$ 8,881.30
				42	1100	312348B420AA-LB	\$ 10,448.70
				48	1200	312348B480AA-LB	\$ 12,292.50
48C	1200	51.34 - 52.54	1304-1335	16	400	312348C160AA-LB	\$ 3,592.00
				20	500	312348C200AA-LB	\$ 4,874.80
				24	600	312348C240AA-LB	\$ 6,125.70
				30	750	312348C300AA-LB	\$ 7,371.50
				36	900	312348C360AA-LB	\$ 8,881.30
				42	1100	312348C420AA-LB	\$ 10,448.70
				48	1200	312348C480AA-LB	\$ 12,292.50
48D	1200	51.72 - 52.92	1314-1344	16	400	312348D160AA-LB	\$ 3,592.00
				20	500	312348D200AA-LB	\$ 4,874.80
				24	600	312348D240AA-LB	\$ 6,125.70
				30	750	312348D300AA-LB	\$ 7,371.50
				36	900	312348D360AA-LB	\$ 8,881.30
				42	1100	312348D420AA-LB	\$ 10,448.70
				48	1200	312348D480AA-LB	\$ 12,292.50

MANUFACTURERS RECOMMENDATIONS

- Clamp width should equal or exceed pipe diameter for higher working pressures.
- Repair Clamps are not recommended for use in joining plain end pressure pipe.
- Other sizes and widths not listed are readily available. Price on request.

Pipe OD Range = 1.20" (30mm)

HOW TO ORDER: Specify Model Number, Pipe Size with Letter Code, and Width. EXAMPLE: 24" Cast Iron O.D. 25.80 with 36" Clamp Width. Order 3123 - 24C x 36. **Part Number:**312324C360AA-LB .

NOTE 1: Clamps will not eliminate axial / lateral movement of pipe.

NOTE 2: When clamps are used on HDPE you must use spring washers. See HDPE products section.

3123AS ALL STAINLESS TRIPLE PANEL

PANEL & LIFTER BAR: 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 galling.

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

WASHERS: Delrin per ASTM D6778.

MEETS AWWA C230



Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
10A	250	11.04 - 12.24	280-311	16	400	312310A160CA	\$ 660.80
				20	500	312310A200CA	\$ 875.90
				24	600	312310A240CA	\$ 1,098.80
				30	750	312310A300CA	\$ 1,321.80
				36	900	312310A360CA	\$ 1,591.60
				42	1100	312310A420CA	\$ 1,917.60
				48	1200	312310A480CA	\$ 2,297.90
12A	300	13.14 - 14.34	334-364	16	400	312312A160CA	\$ 714.60
				20	500	312312A200CA	\$ 951.00
				24	600	312312A240CA	\$ 1,187.50
				30	750	312312A300CA	\$ 1,423.90
				36	900	312312A360CA	\$ 1,714.60
				42	1100	312312A420CA	\$ 2,064.20
				48	1200	312312A480CA	\$ 2,487.60
12B	300	13.65 - 14.85	347-377	16	400	312312B160CA	\$ 714.60
				20	500	312312B200CA	\$ 951.00
				24	600	312312B240CA	\$ 1,187.50
				30	750	312312B300CA	\$ 1,423.90
				36	900	312312B360CA	\$ 1,714.60
				42	1100	312312B420CA	\$ 2,064.20
				48	1200	312312B480CA	\$ 2,487.60
14A	350	14.95 - 16.05	377-408	16	400	312314A160CA	\$ 1,055.70
				20	500	312314A200CA	\$ 1,429.50
				24	600	312314A240CA	\$ 1,895.00
				30	750	312314A300CA	\$ 2,360.40
				36	900	312314A360CA	\$ 2,843.20
				42	1100	312314A420CA	\$ 3,425.30
				48	1200	312314A480CA	\$ 4,127.40

3123AS ALL STAINLESS TRIPLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
14B	350	15.92 - 17.12	404-435	16	400	312314B160CA	\$ 1,055.70
				20	500	312314B200CA	\$ 1,429.50
				24	600	312314B240CA	\$ 1,895.00
				30	750	312314B300CA	\$ 2,360.40
				36	900	312314B360CA	\$ 2,843.20
				42	1100	312314B420CA	\$ 3,425.30
				48	1200	312314B480CA	\$ 4,127.40
16A	400	17.15 - 18.35	436-466	16	400	312316A160CA	\$ 1,138.40
				20	500	312316A200CA	\$ 1,541.50
				24	600	312316A240CA	\$ 2,020.40
				30	750	312316A300CA	\$ 2,498.30
				36	900	312316A360CA	\$ 3,009.50
				42	1100	312316A420CA	\$ 3,625.90
				48	1200	312316A480CA	\$ 4,368.60
16B	400	18.46 - 19.66	469-499	16	400	312316B160CA	\$ 1,138.40
				20	500	312316B200CA	\$ 1,541.50
				24	600	312316B240CA	\$ 2,020.40
				30	750	312316B300CA	\$ 2,498.30
				36	900	312316B360CA	\$ 3,009.50
				42	1100	312316B420CA	\$ 3,625.90
				48	1200	312316B480CA	\$ 4,368.60
18A	450	19.45 - 20.65	494-525	16	400	312318A160CA	\$ 1,158.40
				20	500	312318A200CA	\$ 1,567.90
				24	600	312318A240CA	\$ 2,085.80
				30	750	312318A300CA	\$ 2,602.10
				36	900	312318A360CA	\$ 3,134.70
				42	1100	312318A420CA	\$ 3,777.20
				48	1200	312318A480CA	\$ 4,550.90
20A	500	21.52 - 22.72	547-577	16	400	312320A160CA	\$ 1,178.50
				20	500	312320A200CA	\$ 1,595.70
				24	600	312320A240CA	\$ 2,152.00
				30	750	312320A300CA	\$ 2,707.90
				36	900	312320A360CA	\$ 3,261.90
				42	1100	312320A420CA	\$ 3,930.00
				48	1200	312320A480CA	\$ 4,734.90
22A	550	22.80 - 24.00	579-610	16	400	312322A160CA	\$ 1,684.70
				20	500	312322A200CA	\$ 2,284.20
				24	600	312322A240CA	\$ 2,944.20
				30	750	312322A300CA	\$ 3,602.10
				36	900	312322A360CA	\$ 4,260.10
				42	1100	312322A420CA	\$ 4,918.20
				48	1200	312322A480CA	\$ 5,576.10

3123AS ALL STAINLESS TRIPLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
24A	600	23.38 - 24.48	591-622	16	400	312324A160CA	\$ 2,192.20
				20	500	312324A200CA	\$ 2,973.90
				24	600	312324A240CA	\$ 3,737.10
				30	750	312324A300CA	\$ 4,497.00
				36	900	312324A360CA	\$ 5,416.80
				42	1100	312324A420CA	\$ 6,527.60
				48	1200	312324A480CA	\$ 7,864.50
24B	600	24.38 - 25.58	619-650	16	400	312324B160CA	\$ 2,192.20
				20	500	312324B200CA	\$ 2,973.90
				24	600	312324B240CA	\$ 3,737.10
				30	750	312324B300CA	\$ 4,497.00
				36	900	312324B360CA	\$ 5,416.80
				42	1100	312324B420CA	\$ 6,527.60
				48	1200	312324B480CA	\$ 7,864.50
24C	600	25.70 - 26.90	653-683	16	400	312324C160CA	\$ 2,192.20
				20	500	312324C200CA	\$ 2,973.90
				24	600	312324C240CA	\$ 3,737.10
				30	750	312324C300CA	\$ 4,497.00
				36	900	312324C360CA	\$ 5,416.80
				42	1100	312324C420CA	\$ 6,527.60
				48	1200	312324C480CA	\$ 7,864.50
24D	600	26.48 - 27.68	673-703	16	400	312324D160CA	\$ 2,192.20
				20	500	312324D200CA	\$ 2,973.90
				24	600	312324D240CA	\$ 3,737.10
				30	750	312324D300CA	\$ 4,497.00
				36	900	312324D360CA	\$ 5,416.80
				42	1100	312324D420CA	\$ 6,527.60
				48	1200	312324D480CA	\$ 7,864.50
24E	600	27.65 - 28.85	702-733	16	400	312324E160CA	\$ 2,192.20
				20	500	312324E200CA	\$ 2,973.90
				24	600	312324E240CA	\$ 3,737.10
				30	750	312324E300CA	\$ 4,497.00
				36	900	312324E360CA	\$ 5,416.80
				42	1100	312324E420CA	\$ 6,527.60
				48	1200	312324E480CA	\$ 7,864.50
24F	600m	28.73 - 29.93	730-760	16	400	312324F160CA	\$ 2,192.20
				20	500	312324F200CA	\$ 2,973.90
				24	600	312324F240CA	\$ 3,737.10
				30	750	312324F300CA	\$ 4,497.00
				36	900	312324F360CA	\$ 5,416.80
				42	1100	312324F420CA	\$ 6,527.60
				48	1200	312324F480CA	\$ 7,864.50

3123AS ALL STAINLESS TRIPLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
30A	750	29.62 - 30.82	752-783	16	400	312330A160CA	\$ 2,739.50
				20	500	312330A200CA	\$ 3,717.10
				24	600	312330A240CA	\$ 4,671.00
				30	750	312330A300CA	\$ 5,621.00
				36	900	312330A360CA	\$ 6,771.60
				42	1100	312330A420CA	\$ 8,159.40
				48	1200	312330A480CA	\$ 9,830.70
30B	750	31.74-32.94	806-837	16	400	312330B160CA	\$ 2,739.50
				20	500	312330B200CA	\$ 3,717.10
				24	600	312330B240CA	\$ 4,671.00
				30	750	312330B300CA	\$ 5,621.00
				36	900	312330B360CA	\$ 6,771.60
				42	1100	312330B420CA	\$ 8,159.40
				48	1200	312330B480CA	\$ 9,830.70
30C	750	32.40 - 33.60	823-853	16	400	312330C160CA	\$ 2,739.50
				20	500	312330C200CA	\$ 3,717.10
				24	600	312330C240CA	\$ 4,671.00
				30	750	312330C300CA	\$ 5,621.00
				36	900	312330C360CA	\$ 6,771.60
				42	1100	312330C420CA	\$ 8,159.40
				48	1200	312330C480CA	\$ 9,830.70
36A	900	37.93 - 39.13	963-994	16	400	312336A160CA	\$ 3,222.30
				20	500	312336A200CA	\$ 4,372.80
				24	600	312336A240CA	\$ 5,494.70
				30	750	312336A300CA	\$ 6,612.60
				36	900	312336A360CA	\$ 7,779.00
				42	1100	312336A420CA	\$ 9,151.60
				48	1200	312336A480CA	\$ 10,766.30
36B	900	38.54 - 39.74	979-1009	16	400	312336B160CA	\$ 3,222.30
				20	500	312336B200CA	\$ 4,372.80
				24	600	312336B240CA	\$ 5,494.70
				30	750	312336B300CA	\$ 6,612.60
				36	900	312336B360CA	\$ 7,779.00
				42	1100	312336B420CA	\$ 9,151.60
				48	1200	312336B480CA	\$ 10,766.30
36C	900	39.16 - 40.36	995-1025	16	400	312336C160CA	\$ 3,222.30
				20	500	312336C200CA	\$ 4,372.80
				24	600	312336C240CA	\$ 5,494.70
				30	750	312336C300CA	\$ 6,612.60
				36	900	312336C360CA	\$ 7,779.00
				42	1100	312336C420CA	\$ 9,151.60
				48	1200	312336C480CA	\$ 10,766.30

3123AS ALL STAINLESS TRIPLE PANEL

Nominal Pipe Size		Pipe OD Range		Width		Part Number	List Price
Inches	MM	Inches	MM	Inches	MM		
36D	900	39.55 - 40.75	1005-1035	16	400	312336D160CA	\$ 3,222.30
				20	500	312336D200CA	\$ 4,372.80
				24	600	312336D240CA	\$ 5,494.70
				30	750	312336D300CA	\$ 6,612.60
				36	900	312336D360CA	\$ 7,779.00
				42	1100	312336D420CA	\$ 9,151.60
				48	1200	312336D480CA	\$ 10,766.30
48A	1200	50.10 - 51.30	1273-1303	16	400	312348A160CA	\$ 3,790.50
				20	500	312348A200CA	\$ 5,144.20
				24	600	312348A240CA	\$ 6,464.20
				30	750	312348A300CA	\$ 7,779.00
				36	900	312348A360CA	\$ 9,372.20
				42	1100	312348A420CA	\$ 11,026.20
				48	1200	312348A480CA	\$ 12,971.90
48B	1200	50.72 - 51.92	1288-1319	16	400	312348B160CA	\$ 3,790.50
				20	500	312348B200CA	\$ 5,144.20
				24	600	312348B240CA	\$ 6,464.20
				30	750	312348B300CA	\$ 7,779.00
				36	900	312348B360CA	\$ 9,372.20
				42	1100	312348B420CA	\$ 11,026.20
				48	1200	312348B480CA	\$ 12,971.90
48C	1200	51.34 - 52.54	1304-1335	16	400	312348C160CA	\$ 3,790.50
				20	500	312348C200CA	\$ 5,144.20
				24	600	312348C240CA	\$ 6,464.20
				30	750	312348C300CA	\$ 7,779.00
				36	900	312348C360CA	\$ 9,372.20
				42	1100	312348C420CA	\$ 11,026.20
				48	1200	312348C480CA	\$ 12,971.90
48D	1200	51.72 - 52.92	1314-1344	16	400	312348D160CA	\$ 3,790.50
				20	500	312348D200CA	\$ 5,144.20
				24	600	312348D240CA	\$ 6,464.20
				30	750	312348D300CA	\$ 7,779.00
				36	900	312348D360CA	\$ 9,372.20
				42	1100	312348D420CA	\$ 11,026.20
				48	1200	312348D480CA	\$ 12,971.90

MANUFACTURERS RECOMMENDATIONS

- Clamp width should equal or exceed pipe diameter for higher working pressures.
- Repair Clamps are not recommended for use in joining plain end pressure pipe.
- Other sizes and widths not listed are readily available. Price on request.

Pipe OD Range = 1.20" (30mm)

HOW TO ORDER: Specify Model Number, Pipe Size with Letter Code, and Width. EXAMPLE: 24" O.D. 25.80 with 36" Clamp Width. Order 3123 - 24C x 36. **Part Number:** 312324C360CA .

NOTE 1: Clamps will not eliminate axial / lateral movement of pipe. Some type of pipe restraint or anchoring product must be used in these situations.

NOTE 2: When clamps are used on HDPE you must use spring washers. See HDPE products section.

3131 IRON LUG SINGLE PANEL TAPPED REPAIR CLAMP (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: Low Alloy Steel per ASTM A325, ASTM A563, and AWWA C111.

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	3131020080AB	3131020080AC	3131020080AD	3131020080AE	\$ 161.90
				10	250	3131020100AB	3131020100AC	3131020100AD	3131020100AE	\$ 211.70
				12	300	3131020120AB	3131020120AC	3131020120AD	3131020120AE	\$ 239.00
				16	400	3131020160AB	3131020160AC	3131020160AD	3131020160AE	\$ 266.20
2 1/2	63	2.70 - 3.00	69 - 77	8	200	3131025080AB	3131025080AC	3131025080AD	3131025080AE	\$ 170.30
				10	250	3131025100AB	3131025100AC	3131025100AD	3131025100AE	\$ 221.70
				12	300	3131025120AB	3131025120AC	3131025120AD	3131025120AE	\$ 250.20
				16	400	3131025160AB	3131025160AC	3131025160AD	3131025160AE	\$ 278.70
3A	75	2.97 - 3.25	75 - 83	8	200	313103A080AB	313103A080AC	313103A080AD	313103A080AE	\$ 180.30
				10	250	313103A100AB	313103A100AC	313103A100AD	313103A100AE	\$ 228.90
				12	300	313103A120AB	313103A120AC	313103A120AD	313103A120AE	\$ 257.40
				16	400	313103A160AB	313103A160AC	313103A160AD	313103A160AE	\$ 293.70
3B	75	3.46 - 3.70	88 - 94	8	200	313103B080AB	313103B080AC	313103B080AD	313103B080AE	\$ 183.20
				10	250	313103B100AB	313103B100AC	313103B100AD	313103B100AE	\$ 234.70
				12	300	313103B120AB	313103B120AC	313103B120AD	313103B120AE	\$ 263.00
				16	400	313103B160AB	313103B160AC	313103B160AD	313103B160AE	\$ 301.20
3C	75	3.73 - 4.00	95 - 102	8	200	313103C080AB	313103C080AC	313103C080AD	313103C080AE	\$ 187.50
				10	250	313103C100AB	313103C100AC	313103C100AD	313103C100AE	\$ 240.30
				12	300	313103C120AB	313103C120AC	313103C120AD	313103C120AE	\$ 274.20
				16	400	313103C160AB	313103C160AC	313103C160AD	313103C160AE	\$ 308.60
3D	75	3.96 - 4.25	101 - 108	8	200	313103D080AB	313103D080AC	313103D080AD	313103D080AE	\$ 187.50
				10	250	313103D100AB	313103D100AC	313103D100AD	313103D100AE	\$ 240.30
				12	300	313103D120AB	313103D120AC	313103D120AD	313103D120AE	\$ 274.20
				16	400	313103D160AB	313103D160AC	313103D160AD	313103D160AE	\$ 308.60
4A	100	4.45 - 4.73	113-120	8	200	313104A080AB	313104A080AC	313104A080AD	313104A080AE	\$ 191.90
				10	250	313104A100AB	313104A100AC	313104A100AD	313104A100AE	\$ 243.20
				12	300	313104A120AB	313104A120AC	313104A120AD	313104A120AE	\$ 280.20
				16	400	313104A160AB	313104A160AC	313104A160AD	313104A160AE	\$ 316.20

3131 IRON LUG SINGLE PANEL TAPPED REPAIR CLAMP (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	313104B080AB	313104B080AC	313104B080AD	313104B080AE	\$ 196.40
				10	250	313104B100AB	313104B100AC	313104B100AD	313104B100AE	\$ 242.40
				12	300	313104B120AB	313104B120AC	313104B120AD	313104B120AE	\$ 281.20
				16	400	313104B160AB	313104B160AC	313104B160AD	313104B160AE	\$ 326.20
4C	100	4.95 - 5.35	126 - 136	8	200	313104C080AB	313104C080AC	313104C080AD	313104C080AE	\$ 196.40
				10	250	313104C100AB	313104C100AC	313104C100AD	313104C100AE	\$ 242.40
				12	300	313104C120AB	313104C120AC	313104C120AD	313104C120AE	\$ 281.30
				16	400	313104C160AB	313104C160AC	313104C160AD	313104C160AE	\$ 326.20
4D	100	5.22 - 5.62	133 - 143	8	200	313104D080AB	313104D080AC	313104D080AD	313104D080AE	\$ 196.40
				10	250	313104D100AB	313104D100AC	313104D100AD	313104D100AE	\$ 242.40
				12	300	313104D120AB	313104D120AC	313104D120AD	313104D120AE	\$ 281.30
				16	400	313104D160AB	313104D160AC	313104D160AD	313104D160AE	\$ 326.20
6A	150	5.95 - 6.35	151 - 161	8	200	313106A080AB	313106A080AC	313106A080AD	313106A080AE	\$ 217.00
				10	250	313106A100AB	313106A100AC	313106A100AD	313106A100AE	\$ 274.90
				12	300	313106A120AB	313106A120AC	313106A120AD	313106A120AE	\$ 310.70
				16	400	313106A160AB	313106A160AC	313106A160AD	313106A160AE	\$ 341.70
6B	150	6.56 - 6.96	167 - 177	8	200	313106B080AB	313106B080AC	313106B080AD	313106B080AE	\$ 220.30
				10	250	313106B100AB	313106B100AC	313106B100AD	313106B100AE	\$ 276.20
				12	300	313106B120AB	313106B120AC	313106B120AD	313106B120AE	\$ 314.30
				16	400	313106B160AB	313106B160AC	313106B160AD	313106B160AE	\$ 355.00
6C	150	6.84 - 7.24	174 - 184	8	200	313106C080AB	313106C080AC	313106C080AD	313106C080AE	\$ 220.30
				10	250	313106C100AB	313106C100AC	313106C100AD	313106C100AE	\$ 276.20
				12	300	313106C120AB	313106C120AC	313106C120AD	313106C120AE	\$ 314.30
				16	400	313106C160AB	313106C160AC	313106C160AD	313106C160AE	\$ 355.00
6D	150	7.05 - 7.45	179 - 189	8	200	313106D080AB	313106D080AC	313106D080AD	313106D080AE	\$ 220.30
				10	250	313106D100AB	313106D100AC	313106D100AD	313106D100AE	\$ 276.20
				12	300	313106D120AB	313106D120AC	313106D120AD	313106D120AE	\$ 314.30
				16	400	313106D160AB	313106D160AC	313106D160AD	313106D160AE	\$ 355.00
6E	150	7.45 - 7.85	189 - 199	8	200	313106E080AB	313106E080AC	313106E080AD	313106E080AE	\$ 220.30
				10	250	313106E100AB	313106E100AC	313106E100AD	313106E100AE	\$ 276.20
				12	300	313106E120AB	313106E120AC	313106E120AD	313106E120AE	\$ 314.30
				16	400	313106E160AB	313106E160AC	313106E160AD	313106E160AE	\$ 355.00
8A	200	7.95 - 8.35	202 - 212	8	200	313108A080AB	313108A080AC	313108A080AD	313108A080AE	\$ 245.30
				10	250	313108A100AB	313108A100AC	313108A100AD	313108A100AE	\$ 308.30
				12	300	313108A120AB	313108A120AC	313108A120AD	313108A120AE	\$ 355.00
				16	400	313108A160AB	313108A160AC	313108A160AD	313108A160AE	\$ 411.20
8B	200	8.54 - 8.94	217 - 227	8	200	313108B080AB	313108B080AC	313108B080AD	313108B080AE	\$ 251.10
				10	250	313108B100AB	313108B100AC	313108B100AD	313108B100AE	\$ 311.70
				12	300	313108B120AB	313108B120AC	313108B120AD	313108B120AE	\$ 363.90
				16	400	313108B160AB	313108B160AC	313108B160AD	313108B160AE	\$ 421.50

3131 IRON LUG SINGLE PANEL TAPPED REPAIR CLAMP (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	313108C080AB	313108C080AC	313108C080AD	313108C080AE	\$ 251.10
				10	250	313108C100AB	313108C100AC	313108C100AD	313108C100AE	\$ 311.70
				12	300	313108C120AB	313108C120AC	313108C120AD	313108C120AE	\$ 363.90
				16	400	313108C160AB	313108C160AC	313108C160AD	313108C160AE	\$ 421.50
8D	200	9.27 - 9.67	235 - 246	8	200	313108D080AB	313108D080AC	313108D080AD	313108D080AE	\$ 251.10
				10	250	313108D100AB	313108D100AC	313108D100AD	313108D100AE	\$ 311.70
				12	300	313108D120AB	313108D120AC	313108D120AD	313108D120AE	\$ 363.90
				16	400	313108D160AB	313108D160AC	313108D160AD	313108D160AE	\$ 421.50
10A	250	9.70 - 10.10	246 - 257	8	200	313110A080AB	313110A080AC	313110A080AD	313110A080AE	\$ 287.00
				10	250	313110A100AB	313110A100AC	313110A100AD	313110A100AE	\$ 362.30
				12	300	313110A120AB	313110A120AC	313110A120AD	313110A120AE	\$ 411.00
				16	400	313110A160AB	313110A160AC	313110A160AD	313110A160AE	\$ 508.00
10B	250	10.64 - 11.04	270 - 280	8	200	313110B080AB	313110B080AC	313110B080AD	313110B080AE	\$ 291.80
				10	250	313110B100AB	313110B100AC	313110B100AD	313110B100AE	\$ 372.00
				12	300	313110B120AB	313110B120AC	313110B120AD	313110B120AE	\$ 418.20
				16	400	313110B160AB	313110B160AC	313110B160AD	313110B160AE	\$ 510.50
10C	250	11.04 - 11.44	280 - 291	8	200	313110C080AB	313110C080AC	313110C080AD	313110C080AE	\$ 291.80
				10	250	313110C100AB	313110C100AC	313110C100AD	313110C100AE	\$ 372.00
				12	300	313110C120AB	313110C120AC	313110C120AD	313110C120AE	\$ 418.20
				16	400	313110C160AB	313110C160AC	313110C160AD	313110C160AE	\$ 510.50
10D	250	11.34 - 11.74	288 - 298	8	200	313110D080AB	313110D080AC	313110D080AD	313110D080AE	\$ 291.80
				10	250	313110D100AB	313110D100AC	313110D100AD	313110D100AE	\$ 372.00
				12	300	313110D120AB	313110D120AC	313110D120AD	313110D120AE	\$ 418.20
				16	400	313110D160AB	313110D160AC	313110D160AD	313110D160AE	\$ 510.50
10E	250	11.75 - 12.15	298 - 309	8	200	313110E080AB	313110E080AC	313110E080AD	313110E080AE	\$ 291.80
				10	250	313110E100AB	313110E100AC	313110E100AD	313110E100AE	\$ 372.00
				12	300	313110E120AB	313110E120AC	313110E120AD	313110E120AE	\$ 418.20
				16	400	313110E160AB	313110E160AC	313110E160AD	313110E160AE	\$ 510.50
12A	300	12.00 - 12.40	305 - 315	8	200	313112A080AB	313112A080AC	313112A080AD	313112A080AE	\$ 313.70
				10	250	313112A100AB	313112A100AC	313112A100AD	313112A100AE	\$ 391.50
				12	300	313112A120AB	313112A120AC	313112A120AD	313112A120AE	\$ 472.30
				16	400	313112A160AB	313112A160AC	313112A160AD	313112A160AE	\$ 564.00
12B	300	12.62 - 13.02	321 - 331	8	200	313112B080AB	313112B080AC	313112B080AD	313112B080AE	\$ 321.00
				10	250	313112B100AB	313112B100AC	313112B100AD	313112B100AE	\$ 406.00
				12	300	313112B120AB	313112B120AC	313112B120AD	313112B120AE	\$ 478.00
				16	400	313112B160AB	313112B160AC	313112B160AD	313112B160AE	\$ 578.60

3131 IRON LUG SINGLE PANEL TAPPED REPAIR CLAMP (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	313112C080AB	313112C080AC	313112C080AD	313112C080AE	\$ 321.00
				10	250	313112C100AB	313112C100AC	313112C100AD	313112C100AE	\$ 406.00
				12	300	313112C120AB	313112C120AC	313112C120AD	313112C120AE	\$ 478.00
				16	400	313112C160AB	313112C160AC	313112C160AD	313112C160AE	\$ 578.60
12D	300	13.40 - 13.80	340 - 351	8	200	313112D080AB	313112D080AC	313112D080AD	313112D080AE	\$ 321.00
				10	250	313112D100AB	313112D100AC	313112D100AD	313112D100AE	\$ 406.00
				12	300	313112D120AB	313112D120AC	313112D120AD	313112D120AE	\$ 478.00
				16	400	313112D160AB	313112D160AC	313112D160AD	313112D160AE	\$ 578.60
12E	300	13.70 - 14.10	348 - 358	8	200	313112E080AB	313112E080AC	313112E080AD	313112E080AE	\$ 321.00
				10	250	313112E100AB	313112E100AC	313112E100AD	313112E100AE	\$ 406.00
				12	300	313112E120AB	313112E120AC	313112E120AD	313112E120AE	\$ 478.00
				16	400	313112E160AB	313112E160AC	313112E160AD	313112E160AE	\$ 578.60
12F	300	14.00 - 14.40	356 - 366	8	200	313112F080AB	313112F080AC	313112F080AD	313112F080AE	\$ 321.00
				10	250	313112F100AB	313112F100AC	313112F100AD	313112F100AE	\$ 406.00
				12	300	313112F120AB	313112F120AC	313112F120AD	313112F120AE	\$ 478.00
				16	400	313112F160AB	313112F160AC	313112F160AD	313112F160AE	\$ 578.60

HOW TO ORDER: Choose nominal pipe size, width and outlet size with thread configuration. EXAMPLE: 6" DIP O.D. 6.90, 10" wide with a 3/4" NPT outlet. Order 3131- 6C x 10 X 3/4 NPT. **Part Number:** 313106C100AC.



COATING OPTION: Anti-Seizing/Galling protection. Available for both Alloy and SST application. Inquire with sales for cost and availability

3131 IRON LUG SINGLE PANEL TAPPED REPAIR CLAMP (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: Low Alloy Steel per ASTM A325, ASTM A563, and AWWA C111.

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	313104A080AG	313104A080AI	313104A080AF	313104A080AH	\$ 213.00
				10	250	313104A100AG	313104A100AI	313104A100AF	313104A100AH	\$ 264.30
				12	300	313104A120AG	313104A120AI	313104A120AF	313104A120AH	\$ 301.40
				16	400	313104A160AG	313104A160AI	313104A160AF	313104A160AH	\$ 337.40
4B	100	4.74 - 5.14	120 - 131	8	200	313104B080AG	313104B080AI	313104B080AF	313104B080AH	\$ 217.50
				10	250	313104B100AG	313104B100AI	313104B100AF	313104B100AH	\$ 263.50
				12	300	313104B120AG	313104B120AI	313104B120AF	313104B120AH	\$ 302.40
				16	400	313104B160AG	313104B160AI	313104B160AF	313104B160AH	\$ 347.30
4C	100	4.95 - 5.35	126 - 136	8	200	313104C080AG	313104C080AI	313104C080AF	313104C080AH	\$ 217.50
				10	250	313104C100AG	313104C100AI	313104C100AF	313104C100AH	\$ 263.50
				12	300	313104C120AG	313104C120AI	313104C120AF	313104C120AH	\$ 302.40
				16	400	313104C160AG	313104C160AI	313104C160AF	313104C160AH	\$ 347.30
4D	100	5.22 - 5.62	133 - 143	8	200	313104D080AG	313104D080AI	313104D080AF	313104D080AH	\$ 217.50
				10	250	313104D100AG	313104D100AI	313104D100AF	313104D100AH	\$ 263.50
				12	300	313104D120AG	313104D120AI	313104D120AF	313104D120AH	\$ 302.40
				16	400	313104D160AG	313104D160AI	313104D160AF	313104D160AH	\$ 347.30
6A	150	5.95 - 6.35	151 - 161	8	200	313106A080AG	313106A080AI	313106A080AF	313106A080AH	\$ 238.10
				10	250	313106A100AG	313106A100AI	313106A100AF	313106A100AH	\$ 296.00
				12	300	313106A120AG	313106A120AI	313106A120AF	313106A120AH	\$ 331.90
				16	400	313106A160AG	313106A160AI	313106A160AF	313106A160AH	\$ 362.90
6B	150	6.56 - 6.96	167 - 177	8	200	313106B080AG	313106B080AI	313106B080AF	313106B080AH	\$ 241.50
				10	250	313106B100AG	313106B100AI	313106B100AF	313106B100AH	\$ 297.40
				12	300	313106B120AG	313106B120AI	313106B120AF	313106B120AH	\$ 335.50
				16	400	313106B160AG	313106B160AI	313106B160AF	313106B160AH	\$ 376.10
6C	150	6.84 - 7.24	174 - 184	8	200	313106C080AG	313106C080AI	313106C080AF	313106C080AH	\$ 241.50
				10	250	313106C100AG	313106C100AI	313106C100AF	313106C100AH	\$ 297.40
				12	300	313106C120AG	313106C120AI	313106C120AF	313106C120AH	\$ 335.50
				16	400	313106C160AG	313106C160AI	313106C160AF	313106C160AH	\$ 376.10

3131 IRON LUG SINGLE PANEL TAPPED REPAIR CLAMP (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	313106D080AG	313106D080AI	313106D080AF	313106D080AH	\$ 241.50
				10	250	313106D100AG	313106D100AI	313106D100AF	313106D100AH	\$ 297.40
				12	300	313106D120AG	313106D120AI	313106D120AF	313106D120AH	\$ 335.50
				16	400	313106D160AG	313106D160AI	313106D160AF	313106D160AH	\$ 376.10
6E	150	7.45 - 7.85	189 - 199	8	200	313106E080AG	313106E080AI	313106E080AF	313106E080AH	\$ 241.50
				10	250	313106E100AG	313106E100AI	313106E100AF	313106E100AH	\$ 297.40
				12	300	313106E120AG	313106E120AI	313106E120AF	313106E120AH	\$ 335.50
				16	400	313106E160AG	313106E160AI	313106E160AF	313106E160AH	\$ 376.10
8A	200	7.95 - 8.35	202 - 212	8	200	313108A080AG	313108A080AI	313108A080AF	313108A080AH	\$ 266.50
				10	250	313108A100AG	313108A100AI	313108A100AF	313108A100AH	\$ 329.50
				12	300	313108A120AG	313108A120AI	313108A120AF	313108A120AH	\$ 376.20
				16	400	313108A160AG	313108A160AI	313108A160AF	313108A160AH	\$ 432.30
8B	200	8.54 - 8.94	217 - 227	8	200	313108B080AG	313108B080AI	313108B080AF	313108B080AH	\$ 272.30
				10	250	313108B100AG	313108B100AI	313108B100AF	313108B100AH	\$ 332.90
				12	300	313108B120AG	313108B120AI	313108B120AF	313108B120AH	\$ 385.00
				16	400	313108B160AG	313108B160AI	313108B160AF	313108B160AH	\$ 442.70
8C	200	8.99 - 9.39	228 - 239	8	200	313108C080AG	313108C080AI	313108C080AF	313108C080AH	\$ 272.30
				10	250	313108C100AG	313108C100AI	313108C100AF	313108C100AH	\$ 332.90
				12	300	313108C120AG	313108C120AI	313108C120AF	313108C120AH	\$ 385.00
				16	400	313108C160AG	313108C160AI	313108C160AF	313108C160AH	\$ 442.70
8D	200	9.27 - 9.67	235 - 246	8	200	313108D080AG	313108D080AI	313108D080AF	313108D080AH	\$ 272.30
				10	250	313108D100AG	313108D100AI	313108D100AF	313108D100AH	\$ 332.90
				12	300	313108D120AG	313108D120AI	313108D120AF	313108D120AH	\$ 385.00
				16	400	313108D160AG	313108D160AI	313108D160AF	313108D160AH	\$ 442.70
10A	250	9.70 - 10.10	246 - 257	8	200	313110A080AG	313110A080AI	313110A080AF	313110A080AH	\$ 308.20
				10	250	313110A100AG	313110A100AI	313110A100AF	313110A100AH	\$ 383.50
				12	300	313110A120AG	313110A120AI	313110A120AF	313110A120AH	\$ 432.10
				16	400	313110A160AG	313110A160AI	313110A160AF	313110A160AH	\$ 529.20
10B	250	10.64 - 11.04	270 - 280	8	200	313110B080AG	313110B080AI	313110B080AF	313110B080AH	\$ 313.00
				10	250	313110B100AG	313110B100AI	313110B100AF	313110B100AH	\$ 393.20
				12	300	313110B120AG	313110B120AI	313110B120AF	313110B120AH	\$ 439.30
				16	400	313110B160AG	313110B160AI	313110B160AF	313110B160AH	\$ 531.70
10C	250	11.04 - 11.44	280 - 291	8	200	313110C080AG	313110C080AI	313110C080AF	313110C080AH	\$ 313.00
				10	250	313110C100AG	313110C100AI	313110C100AF	313110C100AH	\$ 393.20
				12	300	313110C120AG	313110C120AI	313110C120AF	313110C120AH	\$ 439.30
				16	400	313110C160AG	313110C160AI	313110C160AF	313110C160AH	\$ 531.70
10D	250	11.34 - 11.74	288 - 298	8	200	313110D080AG	313110D080AI	313110D080AF	313110D080AH	\$ 313.00
				10	250	313110D100AG	313110D100AI	313110D100AF	313110D100AH	\$ 393.20
				12	300	313110D120AG	313110D120AI	313110D120AF	313110D120AH	\$ 439.30
				16	400	313110D160AG	313110D160AI	313110D160AF	313110D160AH	\$ 531.70

3131 IRON LUG SINGLE PANEL TAPPED REPAIR CLAMP (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	313110E080AG	313110E080AI	313110E080AF	313110E080AH	\$ 313.00
				10	250	313110E100AG	313110E100AI	313110E100AF	313110E100AH	\$ 393.20
				12	300	313110E120AG	313110E120AI	313110E120AF	313110E120AH	\$ 439.30
				16	400	313110E160AG	313110E160AI	313110E160AF	313110E160AH	\$ 531.70
12A	300	12.00 - 12.40	305 - 315	8	200	313112A080AG	313112A080AI	313112A080AF	313112A080AH	\$ 334.90
				10	250	313112A100AG	313112A100AI	313112A100AF	313112A100AH	\$ 412.60
				12	300	313112A120AG	313112A120AI	313112A120AF	313112A120AH	\$ 493.50
				16	400	313112A160AG	313112A160AI	313112A160AF	313112A160AH	\$ 585.20
12B	300	12.62 - 13.02	321 - 331	8	200	313112B080AG	313112B080AI	313112B080AF	313112B080AH	\$ 342.20
				10	250	313112B100AG	313112B100AI	313112B100AF	313112B100AH	\$ 427.20
				12	300	313112B120AG	313112B120AI	313112B120AF	313112B120AH	\$ 499.20
				16	400	313112B160AG	313112B160AI	313112B160AF	313112B160AH	\$ 599.70
12C	300	13.10 - 13.50	333 - 343	8	200	313112C080AG	313112C080AI	313112C080AF	313112C080AH	\$ 342.20
				10	250	313112C100AG	313112C100AI	313112C100AF	313112C100AH	\$ 427.20
				12	300	313112C120AG	313112C120AI	313112C120AF	313112C120AH	\$ 499.20
				16	400	313112C160AG	313112C160AI	313112C160AF	313112C160AH	\$ 599.70
12D	300	13.40 - 13.80	340 - 351	8	200	313112D080AG	313112D080AI	313112D080AF	313112D080AH	\$ 342.20
				10	250	313112D100AG	313112D100AI	313112D100AF	313112D100AH	\$ 427.20
				12	300	313112D120AG	313112D120AI	313112D120AF	313112D120AH	\$ 499.20
				16	400	313112D160AG	313112D160AI	313112D160AF	313112D160AH	\$ 599.70
12E	300	13.70 - 14.10	348 - 358	8	200	313112E080AG	313112E080AI	313112E080AF	313112E080AH	\$ 342.20
				10	250	313112E100AG	313112E100AI	313112E100AF	313112E100AH	\$ 427.20
				12	300	313112E120AG	313112E120AI	313112E120AF	313112E120AH	\$ 499.20
				16	400	313112E160AG	313112E160AI	313112E160AF	313112E160AH	\$ 599.70
12F	300	14.00 - 14.40	356 - 366	8	200	313112F080AG	313112F080AI	313112F080AF	313112F080AH	\$ 342.20
				10	250	313112F100AG	313112F100AI	313112F100AF	313112F100AH	\$ 427.20
				12	300	313112F120AG	313112F120AI	313112F120AF	313112F120AH	\$ 499.20
				16	400	313112F160AG	313112F160AI	313112F160AF	313112F160AH	\$ 599.70

3131 IRON LUG SINGLE PANEL TAPPED REPAIR CLAMP (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: Low Alloy Steel per ASTM A325, ASTM A563, and AWWA C111.

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	313104A080AJ	313104A080AK	\$ 233.10
				10	250	313104A100AJ	313104A100AK	\$ 284.50
				12	300	313104A120AJ	313104A120AK	\$ 321.50
				16	400	313104A160AJ	313104A160AK	\$ 357.50
4B	100	4.74 - 5.14	120 - 131	8	200	313104B080AJ	313104B080AK	\$ 237.60
				10	250	313104B100AJ	313104B100AK	\$ 283.60
				12	300	313104B120AJ	313104B120AK	\$ 322.50
				16	400	313104B160AJ	313104B160AK	\$ 367.50
4C	100	4.95 - 5.35	126 - 136	8	200	313104C080AJ	313104C080AK	\$ 237.60
				10	250	313104C100AJ	313104C100AK	\$ 283.60
				12	300	313104C120AJ	313104C120AK	\$ 322.50
				16	400	313104C160AJ	313104C160AK	\$ 367.50
4D	100	5.22 - 5.62	133 - 143	8	200	313104D080AJ	313104D080AK	\$ 237.60
				10	250	313104D100AJ	313104D100AK	\$ 283.60
				12	300	313104D120AJ	313104D120AK	\$ 322.50
				16	400	313104D160AJ	313104D160AK	\$ 367.50
6A	150	5.95 - 6.35	151 - 161	8	200	313106A080AJ	313106A080AK	\$ 258.20
				10	250	313106A100AJ	313106A100AK	\$ 316.20
				12	300	313106A120AJ	313106A120AK	\$ 352.00
				16	400	313106A160AJ	313106A160AK	\$ 383.00
6B	150	6.56 - 6.96	167 - 177	8	200	313106B080AJ	313106B080AK	\$ 261.60
				10	250	313106B100AJ	313106B100AK	\$ 317.50
				12	300	313106B120AJ	313106B120AK	\$ 355.60
				16	400	313106B160AJ	313106B160AK	\$ 396.30
6C	150	6.84 - 7.24	174 - 184	8	200	313106C080AJ	313106C080AK	\$ 261.60
				10	250	313106C100AJ	313106C100AK	\$ 317.50
				12	300	313106C120AJ	313106C120AK	\$ 355.60
				16	400	313106C160AJ	313106C160AK	\$ 396.30
6D	150	7.05 - 7.45	179 - 189	8	200	313106D080AJ	313106D080AK	\$ 261.60
				10	250	313106D100AJ	313106D100AK	\$ 317.50
				12	300	313106D120AJ	313106D120AK	\$ 355.60
				16	400	313106D160AJ	313106D160AK	\$ 396.30

3131 IRON LUG SINGLE PANEL TAPPED REPAIR CLAMP (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	
6E	150	7.45 - 7.85	189 - 199	8	200	313106E080AJ	313106E080AK	\$ 261.60
				10	250	313106E100AJ	313106E100AK	\$ 317.50
				12	300	313106E120AJ	313106E120AK	\$ 355.60
				16	400	313106E160AJ	313106E160AK	\$ 396.30
8A	200	7.95 - 8.35	202 - 212	8	200	313108A080AJ	313108A080AK	\$ 286.60
				10	250	313108A100AJ	313108A100AK	\$ 349.60
				12	300	313108A120AJ	313108A120AK	\$ 396.30
				16	400	313108A160AJ	313108A160AK	\$ 452.40
8B	200	8.54 - 8.94	217 - 227	8	200	313108B080AJ	313108B080AK	\$ 292.40
				10	250	313108B100AJ	313108B100AK	\$ 353.00
				12	300	313108B120AJ	313108B120AK	\$ 405.20
				16	400	313108B160AJ	313108B160AK	\$ 462.80
8C	200	8.99 - 9.39	228 - 239	8	200	313108C080AJ	313108C080AK	\$ 292.40
				10	250	313108C100AJ	313108C100AK	\$ 353.00
				12	300	313108C120AJ	313108C120AK	\$ 405.20
				16	400	313108C160AJ	313108C160AK	\$ 462.80
8D	200	9.27 - 9.67	235 - 246	8	200	313108D080AJ	313108D080AK	\$ 292.40
				10	250	313108D100AJ	313108D100AK	\$ 353.00
				12	300	313108D120AJ	313108D120AK	\$ 405.20
				16	400	313108D160AJ	313108D160AK	\$ 462.80
10A	250	9.70 - 10.10	246 - 257	8	200	313110A080AJ	313110A080AK	\$ 328.30
				10	250	313110A100AJ	313110A100AK	\$ 403.60
				12	300	313110A120AJ	313110A120AK	\$ 452.20
				16	400	313110A160AJ	313110A160AK	\$ 549.30
10B	250	10.64 - 11.04	270 - 280	8	200	313110B080AJ	313110B080AK	\$ 333.10
				10	250	313110B100AJ	313110B100AK	\$ 413.30
				12	300	313110B120AJ	313110B120AK	\$ 459.50
				16	400	313110B160AJ	313110B160AK	\$ 551.80
10C	250	11.04 - 11.44	280 - 291	8	200	313110C080AJ	313110C080AK	\$ 333.10
				10	250	313110C100AJ	313110C100AK	\$ 413.30
				12	300	313110C120AJ	313110C120AK	\$ 459.50
				16	400	313110C160AJ	313110C160AK	\$ 551.80
10D	250	11.34 - 11.74	288 - 298	8	200	313110D080AJ	313110D080AK	\$ 333.10
				10	250	313110D100AJ	313110D100AK	\$ 413.30
				12	300	313110D120AJ	313110D120AK	\$ 459.50
				16	400	313110D160AJ	313110D160AK	\$ 551.80
10E	250	11.75 - 12.15	298 - 309	8	200	313110E080AJ	313110E080AK	\$ 333.10
				10	250	313110E100AJ	313110E100AK	\$ 413.30
				12	300	313110E120AJ	313110E120AK	\$ 459.50
				16	400	313110E160AJ	313110E160AK	\$ 551.80

3131 IRON LUG SINGLE PANEL TAPPED REPAIR CLAMP (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	
12A	300	12.00 - 12.40	305 - 315	8	200	313112A080AJ	313112A080AK	\$ 355.00
				10	250	313112A100AJ	313112A100AK	\$ 432.80
				12	300	313112A120AJ	313112A120AK	\$ 513.60
				16	400	313112A160AJ	313112A160AK	\$ 605.30
12B	300	12.62 - 13.02	321 - 331	8	200	313112B080AJ	313112B080AK	\$ 362.30
				10	250	313112B100AJ	313112B100AK	\$ 447.30
				12	300	313112B120AJ	313112B120AK	\$ 519.30
				16	400	313112B160AJ	313112B160AK	\$ 619.80
12C	300	13.10 - 13.50	333 - 343	8	200	313112C080AJ	313112C080AK	\$ 362.30
				10	250	313112C100AJ	313112C100AK	\$ 447.30
				12	300	313112C120AJ	313112C120AK	\$ 519.30
				16	400	313112C160AJ	313112C160AK	\$ 619.80
12D	300	13.40 - 13.80	340 - 351	8	200	313112D080AJ	313112D080AK	\$ 362.30
				10	250	313112D100AJ	313112D100AK	\$ 447.30
				12	300	313112D120AJ	313112D120AK	\$ 519.30
				16	400	313112D160AJ	313112D160AK	\$ 619.80
12E	300	13.70 - 14.10	348 - 358	8	200	313112E080AJ	313112E080AK	\$ 362.30
				10	250	313112E100AJ	313112E100AK	\$ 447.30
				12	300	313112E120AJ	313112E120AK	\$ 519.30
				16	400	313112E160AJ	313112E160AK	\$ 619.90
12F	300	14.00 - 14.40	356 - 366	8	200	313112F080AJ	313112F080AK	\$ 362.30
				10	250	313112F100AJ	313112F100AK	\$ 447.30
				12	300	313112F120AJ	313112F120AK	\$ 519.30
				16	400	313112F160AJ	313112F160AK	\$ 619.80

HOW TO ORDER: Choose nominal pipe size, width and outlet size with thread configuration. EXAMPLE: 6" DIP O.D. 6.90, 12" wide with a 2" NPT outlet. Order 3131- 6C x 12 X 2 NPT. **Part Number:** 313106C120AK



COATING OPTION: Anti-Seizing/Galling protection. Available for both Alloy and SST application. Inquire with sales for cost and availability.

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 .

3132 IRON LUG DOUBLE PANEL TAPPED REPAIR CLAMP (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: Low Alloy Steel per ASTM A325, ASTM A563, and AWWA C111.

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	
3	75	3.49-4.29	89-109	8	200	3132030080AB	3132030080AC	3132030080AD	3132030080AE	\$ 232.20
				10	250	3132030100AB	3132030100AC	3132030100AD	3132030100AE	\$ 269.30
				12	300	3132030120AB	3132030120AC	3132030120AD	3132030120AE	\$ 332.10
				16	400	3132030160AB	3132030160AC	3132030160AD	3132030160AE	\$ 394.90
4A	100	4.44 - 5.24	113-133	8	200	313204A080AB	313204A080AC	313204A080AD	313204A080AE	\$ 245.60
				10	250	313204A100AB	313204A100AC	313204A100AD	313204A100AE	\$ 305.80
				12	300	313204A120AB	313204A120AC	313204A120AD	313204A120AE	\$ 351.40
				16	400	313204A160AB	313204A160AC	313204A160AD	313204A160AE	\$ 424.00
4B	100	4.74 - 5.57	120-141	8	200	313204B080AB	313204B080AC	313204B080AD	313204B080AE	\$ 245.60
				10	250	313204B100AB	313204B100AC	313204B100AD	313204B100AE	\$ 305.80
				12	300	313204B120AB	313204B120AC	313204B120AD	313204B120AE	\$ 351.40
				16	400	313204B160AB	313204B160AC	313204B160AD	313204B160AE	\$ 424.00
6A	150	6.62 - 7.42	168-188	8	200	313206A080AB	313206A080AC	313206A080AD	313206A080AE	\$ 275.40
				10	250	313206A100AB	313206A100AC	313206A100AD	313206A100AE	\$ 336.50
				12	300	313206A120AB	313206A120AC	313206A120AD	313206A120AE	\$ 380.20
				16	400	313206A160AB	313206A160AC	313206A160AD	313206A160AE	\$ 483.30
6B	150	6.84 - 7.64	174-194	8	200	313206B080AB	313206B080AC	313206B080AD	313206B080AE	\$ 279.80
				10	250	313206B100AB	313206B100AC	313206B100AD	313206B100AE	\$ 341.70
				12	300	313206B120AB	313206B120AC	313206B120AD	313206B120AE	\$ 388.00
				16	400	313206B160AB	313206B160AC	313206B160AD	313206B160AE	\$ 483.90
8A	200	8.62 - 9.42	219-239	8	200	313208A080AB	313208A080AC	313208A080AD	313208A080AE	\$ 303.00
				10	250	313208A100AB	313208A100AC	313208A100AD	313208A100AE	\$ 364.80
				12	300	313208A120AB	313208A120AC	313208A120AD	313208A120AE	\$ 418.90
				16	400	313208A160AB	313208A160AC	313208A160AD	313208A160AE	\$ 537.30
8B	200	8.99 - 9.79	228-249	8	200	313208B080AB	313208B080AC	313208B080AD	313208B080AE	\$ 308.10
				10	250	313208B100AB	313208B100AC	313208B100AD	313208B100AE	\$ 372.50
				12	300	313208B120AB	313208B120AC	313208B120AD	313208B120AE	\$ 424.00
				16	400	313208B160AB	313208B160AC	313208B160AD	313208B160AE	\$ 541.50

3132 IRON LUG DOUBLE PANEL TAPPED REPAIR CLAMP (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	
10A	250	10.75 - 11.55	273-293	8	200	313210A080AB	313210A080AC	313210A080AD	313210A080AE	\$ 334.70
				10	250	313210A100AB	313210A100AC	313210A100AD	313210A100AE	\$ 418.80
				12	300	313210A120AB	313210A120AC	313210A120AD	313210A120AE	\$ 474.60
				16	400	313210A160AB	313210A160AC	313210A160AD	313210A160AE	\$ 707.40
10B	250	11.10 - 11.90	282-302	8	200	313210B080AB	313210B080AC	313210B080AD	313210B080AE	\$ 334.70
				10	250	313210B100AB	313210B100AC	313210B100AD	313210B100AE	\$ 418.80
				12	300	313210B120AB	313210B120AC	313210B120AD	313210B120AE	\$ 474.60
				16	400	313210B160AB	313210B160AC	313210B160AD	313210B160AE	\$ 707.40
10D	250	11.60 - 12.40	295-315	8	200	313210D080AB	313210D080AC	313210D080AD	313210D080AE	\$ 334.70
				10	250	313210D100AB	313210D100AC	313210D100AD	313210D100AE	\$ 418.80
				12	300	313210D120AB	313210D120AC	313210D120AD	313210D120AE	\$ 474.60
				16	400	313210D160AB	313210D160AC	313210D160AD	313210D160AE	\$ 707.40
12A	300	12.75 - 13.55	324-344	8	200	313212A080AB	313212A080AC	313212A080AD	313212A080AE	POA
				10	250	313212A100AB	313212A100AC	313212A100AD	313212A100AE	\$ 463.70
				12	300	313212A120AB	313212A120AC	313212A120AD	313212A120AE	\$ 521.90
				16	400	313212A160AB	313212A160AC	313212A160AD	313212A160AE	\$ 743.40
12B	300	13.20 - 14.00	335-356	8	200	313212B080AB	313212B080AC	313212B080AD	313212B080AE	POA
				10	250	313212B100AB	313212B100AC	313212B100AD	313212B100AE	\$ 463.70
				12	300	313212B120AB	313212B120AC	313212B120AD	313212B120AE	\$ 521.90
				16	400	313212B160AB	313212B160AC	313212B160AD	313212B160AE	\$ 743.40
12D	300	13.65 - 14.45	347-367	8	200	313212D080AB	313212D080AC	313212D080AD	313212D080AE	POA
				10	250	313212D100AB	313212D100AC	313212D100AD	313212D100AE	\$ 463.70
				12	300	313212D120AB	313212D120AC	313212D120AD	313212D120AE	\$ 521.90
				16	400	313212D160AB	313212D160AC	313212D160AD	313212D160AE	\$ 743.40
14A	350	14.38 - 15.13	365-384	8	200	313214A080AB	313214A080AC	313214A080AD	313214A080AE	POA
				10	250	313214A100AB	313214A100AC	313214A100AD	313214A100AE	\$ 781.00
				12	300	313214A120AB	313214A120AC	313214A120AD	313214A120AE	\$ 940.20
				16	400	313214A160AB	313214A160AC	313214A160AD	313214A160AE	\$ 1,095.00
14B	350	15.07 - 15.82	383-402	8	200	313214B080AB	313214B080AC	313214B080AD	313214B080AE	POA
				10	250	313214B100AB	313214B100AC	313214B100AD	313214B100AE	\$ 781.00
				12	300	313214B120AB	313214B120AC	313214B120AD	313214B120AE	\$ 940.20
				16	400	313214B160AB	313214B160AC	313214B160AD	313214B160AE	\$ 1,095.00
16A	400	15.92 - 16.67	404-423	8	200	313216A080AB	313216A080AC	313216A080AD	313216A080AE	POA
				10	250	313216A100AB	313216A100AC	313216A100AD	313216A100AE	\$ 818.80
				12	300	313216A120AB	313216A120AC	313216A120AD	313216A120AE	\$ 988.40
				16	400	313216A1602AB	313216A160AC	313216A160AD	313216A160AE	\$ 1,151.60
16B	400	16.56 - 17.31	421-440	8	200	313216B080AB	313216B080AC	313216B080AD	313216B080AE	POA
				10	250	313216B100AB	313216B100AC	313216B100AD	313216B100AE	\$ 818.80
				12	300	313216B120AB	313216B120AC	313216B120AD	313216B120AE	\$ 988.40
				16	400	313216B160AB	313216B160AC	313216B160AD	313216B160AE	\$ 1,151.60

3132 IRON LUG DOUBLE PANEL TAPPED REPAIR CLAMP (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	
16C	400	17.15 - 17.90	436-455	8	200	313216C080AB	313216C080AC	313216C080AD	313216C080AE	POA
				10	250	313216C100AB	313216C100AC	313216C100AD	313216C100AE	\$ 818.80
				12	300	313216C120AB	313216C120AC	313216C120AD	313216C120AE	\$ 988.40
				16	400	313216C160AB	313216C160AC	313216C160AD	313216C160AE	\$ 1,151.60
18A	450	17.82 - 18.57	453-472	8	200	313218A080AB	313218A080AC	313218A080AD	313218A080AE	POA
				10	250	313218A100AB	313218A100AC	313218A100AD	313218A100AE	POA
				12	300	313218A120AB	313218A120AC	313218A120AD	313218A120AE	\$ 1,008.50
				16	400	313218A160AB	313218A160AC	313218A160AD	313218A160AE	\$ 1,175.20
18B	450	18.46 - 19.21	469-488	8	200	313218B080AB	313218B080AC	313218B080AD	313218B080AE	POA
				10	250	313218B100AB	313218B100AC	313218B100AD	313218B100AE	POA
				12	300	313218B120AB	313218B120AC	313218B120AD	313218B120AE	\$ 1,008.50
				16	400	313218B160AB	313218B160AC	313218B160AD	313218B160AE	\$ 1,175.20
18C	450	19.23 - 19.98	488-507	8	200	313218C080AB	313218C080AC	313218C080AD	313218C080AE	POA
				10	250	313218C100AB	313218C100AC	313218C100AD	313218C100AE	POA
				12	300	313218C120AB	313218C120AC	313218C120AD	313218C120AE	\$ 1,008.50
				16	400	313218C160AB	313218C160AC	313218C160AD	313218C160AE	\$ 1,175.20
20A	500m	19.90 - 20.65	505-525	8	200	313220A080AB	313220A080AC	313220A080AD	313220A080AE	POA
				10	250	313220A100AB	313220A100AC	313220A100AD	313220A100AE	POA
				12	300	313220A120AB	313220A120AC	313220A120AD	313220A120AE	POA
				16	400	313220A160AB	313220A160AC	313220A160AD	313220A160AE	\$ 1,257.80
20B	500	20.70 - 21.45	526-545	8	200	313220B080AB	313220B080AC	313220B080AD	313220B080AE	POA
				10	250	313220B100AB	313220B100AC	313220B100AD	313220B100AE	POA
				12	300	313220B120AB	313220B120AC	313220B120AD	313220B120AE	POA
				16	400	313220B160AB	313220B160AC	313220B160AD	313220B160AE	\$ 1,257.80
22A	550	21.52 - 22.27	547-566	8	200	313222A080AB	313222A080AC	313222A080AD	313222A080AE	POA
				10	250	313222A100AB	313222A100AC	313222A100AD	313222A100AE	POA
				12	300	313222A120AB	313222A120AC	313222A120AD	313222A120AE	POA
				16	400	313222A160AB	313222A160AC	313222A160AD	313222A160AE	\$ 2,070.10
22B	550	22.12 - 22.87	562-581	8	200	313222B080AB	313222B080AC	313222B080AD	313222B080AE	POA
				10	250	313222B100AB	313222B100AC	313222B100AD	313222B100AE	POA
				12	300	313222B120AB	313222B120AC	313222B120AD	313222B120AE	POA
				16	400	313222B160AB	313222B160AC	313222B160AD	313222B160AE	\$ 2,070.10
22C	550	22.90 - 23.65	582-601	8	200	313222C080AB	313222C080AC	313222C080AD	313222C080AE	POA
				10	250	313222C100AB	313222C100AC	313222C100AD	313222C100AE	POA
				12	300	313222C120AB	313222C120AC	313222C120AD	313222C120AE	POA
				16	400	313222C160AB	313222C160AC	313222C160AD	313222C160AE	\$ 2,070.10

HOW TO ORDER: Choose nominal pipe size, width and outlet size with thread configuration. EXAMPLE: 4" C900 O.D. 4.80, 8" wide with a 3/4 CC outlet. Order 3132- 4B x 8 X 3/4 CC. **Part Number:** 313204B080AB .



COATING OPTION: Anti-Seizing/Galling protection. Available for both Alloy and SST application. Inquire with sales for cost and availability.

3132 IRON LUG DOUBLE PANEL TAPPED REPAIR CLAMP (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: Low Alloy Steel per ASTM A325, ASTM A563, and AWWA C111.

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	
3	75	3.49-4.29	89-109	8	200	3132030800AG	3132030800AI	3132030800AF	3132030800AH	\$ 253.40
				10	250	3132030100AG	3132030100AI	3132030100AF	3132030100AH	\$ 290.50
				12	300	3132030120AG	3132030120AI	3132030120AF	3132030120AH	\$ 353.30
				16	400	3132030160AG	3132030160AI	3132030160AF	3132030160AH	\$ 416.10
4A	100	4.44 - 5.24	113-133	8	200	313204A080AG	313204A080AI	313204A080AF	313204A080AH	\$ 266.70
				10	250	313204A100AG	313204A100AI	313204A100AF	313204A100AH	\$ 327.00
				12	300	313204A120AG	313204A120AI	313204A120AF	313204A120AH	\$ 372.60
				16	400	313204A160AG	313204A160AI	313204A160AF	313204A160AH	\$ 445.20
4B	100	4.74 - 5.57	120-141	8	200	313204B080AG	313204B080AI	313204B080AF	313204B080AH	\$ 266.70
				10	250	313204B100AG	313204B100AI	313204B100AF	313204B100AH	\$ 327.00
				12	300	313204B120AG	313204B120AI	313204B120AF	313204B120AH	\$ 372.60
				16	400	313204B160AG	313204B160AI	313204B160AF	313204B160AH	\$ 445.20
6A	150	6.62 - 7.42	168-188	8	200	313206A080AG	313206A080AI	313206A080AF	313206A080AH	\$ 296.60
				10	250	313206A100AG	313206A100AI	313206A100AF	313206A100AH	\$ 257.60
				12	300	313206A120AG	313206A120AI	313206A120AF	313206A120AH	\$ 401.40
				16	400	313206A160AG	313206A160AI	313206A160AF	313206A160AH	\$ 504.40
6B	150	6.84 - 7.64	174-194	10	250	313206B100AG	313206B100AI	313206B100AF	313206B100AH	\$ 362.90
				12	300	313206B120AG	313206B120AI	313206B120AF	313206B120AH	\$ 409.20
				16	400	313206B160AG	313206B160AI	313206B160AF	313206B160AH	\$ 505.00
8A	200	8.62 - 9.42	219-239	8	200	313208A080AG	313208A080AI	313208A080AF	313208A080AH	\$ 324.20
				10	250	313208A100AG	313208A100AI	313208A100AF	313208A100AH	\$ 386.00
				12	300	313208A120AG	313208A120AI	313208A120AF	313208A120AH	\$ 440.00
				16	400	313208A160AG	313208A160AI	313208A160AF	313208A160AH	\$ 558.50
8B	200	8.99 - 9.79	228-249	8	200	313208B080AG	313208B080AI	313208B080AF	313208B080AH	\$ 329.30
				10	250	313208B100AG	313208B100AI	313208B100AF	313208B100AH	\$ 393.70
				12	300	313208B120AG	313208B120AI	313208B120AF	313208B120AH	\$ 445.20
				16	400	313208B160AG	313208B160AI	313208B160AF	313208B160AH	\$ 562.60

3132 IRON LUG DOUBLE PANEL TAPPED REPAIR CLAMP (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	
10A	250	10.75 - 11.55	273-293	8	200	313210A080AG	313210A080AI	313210A080AF	313210A080AH	\$ 406.50
				10	250	313210A100AG	313210A100AI	313210A100AF	313210A100AH	\$ 487.80
				12	300	313210A120AG	313210A120AI	313210A120AF	313210A120AH	\$ 583.70
				16	400	313210A160AG	313210A160AI	313210A160AF	313210A160AH	\$ 688.20
10B	250	11.10 - 11.90	282-302	8	200	313210B100AG	313210B100AI	313210B100AF	313210B100AH	\$ 413.10
				10	250	313210B100AG	313210B100AI	313210B100AF	313210B100AH	\$ 495.70
				12	300	313210B120AG	313210B120AI	313210B120AF	313210B120AH	\$ 658.80
				16	400	313210B160AG	313210B160AI	313210B160AF	313210B160AH	\$ 705.30
10D	250	11.60 - 12.40	295-315	8	200	313210D080AG	313210D080AI	313210D080AF	313210D080AH	\$ 413.10
				10	250	313210D100AG	313210D100AI	313210D100AF	313210D100AH	\$ 495.70
				12	300	313210D120AG	313210D120AI	313210D120AF	313210D120AH	\$ 658.80
				16	400	313210D160AG	313210D160AI	313210D160AF	313210D160AH	\$ 705.30
12A	300	12.75 - 13.55	324-344	8	200	313212A080AG	313212A080AI	313212A080AF	313212A080AH	POA
				10	250	313212A100AG	313212A100AI	313212A100AF	313212A100AH	\$ 537.90
				12	300	313212A120AG	313212A120AI	313212A120AF	313212A120AH	\$ 650.30
				16	400	313212A160AG	313212A160AI	313212A160AF	313212A160AH	\$ 762.70
12B	300	13.20 - 14.00	335-356	8	200	313212B080AG	313212B080AI	313212B080AF	313212B080AH	POA
				10	250	313212B100AG	313212B100AI	313212B100AF	313212B100AH	\$ 543.00
				12	300	313212B120AG	313212B120AI	313212B120AF	313212B120AH	\$ 764.40
				16	400	313212B160AG	313212B160AI	313212B160AF	313212B160AH	\$ 673.90
12D	300	13.65 - 14.45	347-367	8	200	313212D080AG	313212D080AI	313212D080AF	313212D080AH	POA
				10	250	313212D100AG	313212D100AI	313212D100AF	313212D100AH	\$ 543.00
				12	300	313212D120AG	313212D120AI	313212D120AF	313212D120AH	\$ 764.40
				16	400	313212D160AG	313212D160AI	313212D160AF	313212D160AH	\$ 673.90
14A	350	14.38 - 15.13	365-384	8	200	313214A080AG	313214A080AI	313214A080AF	313214A080AH	POA
				10	250	313214A100AG	313214A100AI	313214A100AF	313214A100AH	\$ 805.20
				12	300	313214A120AG	313214A120AI	313214A120AF	313214A120AH	\$ 961.40
				16	400	313214A160AG	313214A160AI	313214A160AF	313214A160AH	\$ 1,116.20
14B	350	15.07 - 15.82	383-402	8	200	313214B080AG	313214B080AI	313214B080AF	313214B080AH	POA
				10	250	313214B100AG	313214B100AI	313214B100AF	313214B100AH	\$ 805.20
				12	300	313214B120AG	313214B120AI	313214B120AF	313214B120AH	\$ 961.40
				16	400	313214B160AG	313214B160AI	313214B160AF	313214B160AH	\$ 1,116.20
16A	400	15.92 - 16.67	404-423	8	200	313216A080AG	313216A080AI	313216A080AF	313216A080AH	POA
				10	250	313216A100AG	313216A100AI	313216A100AF	313216A100AH	\$ 840.00
				12	300	313216A120AG	313216A120AI	313216A120AF	313216A120AH	\$ 1,009.10
				16	400	313216A160AG	313216A160AI	313216A160AF	313216A160AH	\$ 1,172.80
16B	400	16.56 - 17.31	421-440	8	200	313216B080AG	313216B080AI	313216B080AF	313216B080AH	POA
				10	250	313216B100AG	313216B100AI	313216B100AF	313216B100AH	\$ 840.00
				12	300	313216B120AG	313216B120AI	313216B120AF	313216B120AH	\$ 961.40
				16	400	313216B160AG	313216B160AI	313216B160AF	313216B160AH	\$ 1,172.80

3132 IRON LUG DOUBLE PANEL TAPPED REPAIR CLAMP (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	
16C	400	17.15 - 17.90	436-455	8	200	313216C080AG	313216C080AI	313216C080AF	313216C080AH	POA
				10	250	313216C100AG	313216C100AI	313216C100AF	313216C100AH	\$ 840.00
				12	300	313216C120AG	313216C120AI	313216C120AF	313216C120AH	\$ 1,009.10
				16	400	313216C160AG	313216C160AI	313216C160AF	313216C160AH	\$ 1,172.80
18A	450	17.82 - 18.57	453-472	8	200	313218A080AG	313218A080AI	313218A080AF	313218A080AH	POA
				10	250	313218A100AG	313218A100AI	313218A100AF	313218A100AH	POA
				12	300	313218A120AG	313218A120AI	313218A120AF	313218A120AH	\$ 1,029.70
				16	400	313218A160AG	313218A160AI	313218A160AF	313218A160AH	\$ 1,196.40
18B	450	18.46 - 19.21	469-488	8	200	313218B080AG	313218B080AI	313218B080AF	313218B080AH	POA
				10	250	313218B100AG	313218B100AI	313218B100AF	313218B100AH	POA
				12	300	313218B120AG	313218B120AI	313218B120AF	313218B120AH	\$ 1,029.70
				16	400	313218B160AG	313218B160AI	313218B160AF	313218B160AH	\$ 1,196.40
18C	450	19.23 - 19.98	488-507	8	200	313218C080AG	313218C080AI	313218C080AF	313218C080AH	POA
				10	250	313218C100AG	313218C100AI	313218C100AF	313218C100AH	POA
				12	300	313218C120AG	313218C120AI	313218C120AF	313218C120AH	\$ 1,029.70
				16	400	313218C160AG	313218C160AI	313218C160AF	313218C160AH	\$ 1,196.40
20A	500	19.90 - 20.65	505-525	8	200	313220A080AG	313220A080AI	313220A080AF	313220A080AH	POA
				10	250	313220A100AG	313220A100AI	313220A100AF	313220A100AH	POA
				12	300	313220A120AG	313220A120AI	313220A120AF	313220A120AH	POA
				16	400	313220A160AG	313220A160AI	313220A160AF	313220A160AH	\$ 1,281.70
20B	500	20.70 - 21.45	526-545	8	200	313220B080AG	313220B080AI	313220B080AF	313220B080AH	POA
				10	250	313220B100AG	313220B100AI	313220B100AF	313220B100AH	POA
				12	300	313220B120AG	313220B120AI	313220B120AF	313220B120AH	POA
				16	400	313220B160AG	313220B160AI	313220B160AF	313220B160AH	\$ 1,281.70
22A	550	21.52 - 22.27	547-566	8	200	313222A080AG	313222A080AI	313222A080AF	313222A080AH	POA
				10	250	313222A100AG	313222A100AI	313222A100AF	313222A100AH	POA
				12	300	313222A120AG	313222A120AI	313222A120AF	313222A120AH	POA
				16	400	313222A160AG	313222A160AI	313222A160AF	313222A160AH	\$ 2,091.30
22B	550	22.12 - 22.87	562-581	8	200	313222B080AG	313222B080AI	313222B080AF	313222B080AH	POA
				10	250	313222B100AG	313222B100AI	313222B100AF	313222B100AH	POA
				12	300	313222B120AG	313222B120AI	313222B120AF	313222B120AH	POA
				16	400	313222B160AG	313222B160AI	313222B160AF	313222B160AH	\$ 2,091.30
22C	550	22.90 - 23.65	582-601	8	200	313222C080AG	313222C080AI	313222C080AF	313222C080AH	POA
				10	250	313222C100AG	313222C100AI	313222C100AF	313222C100AH	POA
				12	300	313222C120AG	313222C120AI	313222C120AF	313222C120AH	POA
				16	400	313222C160AG	313222C160AI	313222C160AF	313222C160AH	\$ 2,091.30

HOW TO ORDER: Choose nominal pipe size, width and outlet size with thread configuration. EXAMPLE: 8" DIP O.D. 9.05, 12" wide with a 2" NPT outlet. Order 3132- 8B x 12 X 2 NPT. **Part Number:**313208B120AK

3132 IRON LUG DOUBLE PANEL TAPPED REPAIR CLAMP (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: Low Alloy Steel per ASTM A325, ASTM A563, and AWWA C111.

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	
3	75	3.49-4.29	89-109	8	200	3132030800AJ	3132030800AK	POA
				10	250	3132030100AJ	3132030100AK	POA
				12	300	3132030120AJ	3132030120AK	POA
				16	400	3132030160AJ	3132030160AK	POA
4A	100	4.44 - 5.24	113-133	8	200	313204A080AJ	313204A080AK	\$ 286.80
				10	250	313204A100AJ	313204A100AK	\$ 347.10
				12	300	313204A120AJ	313204A120AK	\$ 392.70
				16	400	313204A160AJ	313204A160AK	\$ 465.30
4B	100	4.74 - 5.57	120-141	8	200	313204B080AJ	313204B080AK	\$ 286.80
				10	250	313204B100AJ	313204B100AK	\$ 347.10
				12	300	313204B120AJ	313204B120AK	\$ 392.70
				16	400	313204B160AJ	313204B160AK	\$ 465.30
6A	150	6.62 - 7.42	168-188	8	200	313206A080AJ	313206A080AK	\$ 316.70
				10	250	313206A100AJ	313206A100AK	\$ 377.80
				12	300	313206A120AJ	313206A120AK	\$ 421.50
				16	400	313206A160AJ	313206A160AK	\$ 524.60
6B	150	6.84 - 7.64	174-194	10	250	313206B100AJ	313206B100AK	\$ 383.00
				12	300	313206B120AJ	313206B120AK	\$ 429.30
				16	400	313206B160AJ	313206B160AK	\$ 525.10
8A	200	8.62 - 9.42	219-239	8	200	313208A080AJ	313208A080AK	\$ 344.20
				10	250	313208A100AJ	313208A100AK	\$ 406.00
				12	300	313208A120AJ	313208A120AK	\$ 460.20
				16	400	313208A160AJ	313208A160AK	\$ 578.60
8B	200	8.99 - 9.79	228-249	8	200	313208B080AJ	313208B080AK	\$ 349.40
				10	250	313208B100AJ	313208B100AK	\$ 413.80
				12	300	313208B120AJ	313208B120AK	\$ 465.30
				16	400	313208B160AJ	313208B160AK	\$ 582.80
10A	250	10.75 - 11.55	273-293	8	200	313210A080AJ	313210A080AK	\$ 423.20
				10	250	313210A100AJ	313210A100AK	\$ 507.80
				12	300	313210A120AJ	313210A120AK	\$ 603.80
				16	400	313210A160AJ	313210A160AK	\$ 708.20

3132 IRON LUG DOUBLE PANEL TAPPED REPAIR CLAMP (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	
10B	250	11.10 - 11.90	282-302	8	200	313210B080AJ	313210B080AK	\$ 429.90
				10	250	313210B100AJ	313210B100AK	\$ 515.80
				12	300	313210B120AJ	313210B120AK	\$ 678.90
				16	400	313210B160AJ	313210B160AK	\$ 725.40
10D	250	11.60 - 12.40	295-315	8	200	313210D080AJ	313210D080AK	\$ 429.90
				10	250	313210D100AJ	313210D100AK	\$ 515.80
				12	300	313210D120AJ	313210D120AK	\$ 678.90
				16	400	313210D160AJ	313210D160AK	\$ 725.40
12A	300	12.75 - 13.55	324-344	8	200	313212A080AJ	313212A080AK	POA
				10	250	313212A100AJ	313212A100AK	\$ 558.00
				12	300	313212A120AJ	313212A120AK	\$ 670.40
				16	400	313212A160AJ	313212A160AK	\$ 782.80
12B	300	13.20 - 14.00	335-356	8	200	313212B080AJ	313212B080AK	POA
				10	250	313212B100AJ	313212B100AK	\$ 653.80
				12	300	313212B120AJ	313212B120AK	\$ 563.10
				16	400	313212B160AJ	313212B160AK	\$ 784.60
12D	300	13.65 - 14.45	347-367	8	200	313212D080AJ	313212D080AK	POA
				10	250	313212D100AJ	313212D100AK	\$ 653.80
				12	300	313212D120AJ	313212D120AK	\$ 563.10
				16	400	313212D160AJ	313212D160AK	\$ 784.60
14A	350	14.38 - 15.13	365-384	8	200	313214A080AJ	313214A080AK	POA
				10	250	313214A100AJ	313214A100AK	\$ 822.30
				12	300	313214A120AJ	313214A120AK	\$ 981.50
				16	400	313214A160AJ	313214A160AK	\$ 1,136.30
14B	350	15.07 - 15.82	383-402	8	200	313214B080AJ	313214B080AK	POA
				10	250	313214B100AJ	313214B100AK	\$ 822.30
				12	300	313214B120AJ	313214B120AK	\$ 981.50
				16	400	313214B160AJ	313214B160AK	\$ 1,136.30
16A	400	15.92 - 16.67	404-423	8	200	313216A080AJ	313216A080AK	POA
				10	250	313216A100AJ	313216A100AK	\$ 860.10
				12	300	313216A120AJ	313216A120AK	\$ 1,029.70
				16	400	313216A160AJ	313216A160AK	\$ 1,192.90
16B	400	16.56 - 17.31	421-440	8	200	313216B080AJ	313216B080AK	POA
				10	250	313216B100AJ	313216B100AK	\$ 860.10
				12	300	313216B120AJ	313216B120AK	\$ 1,029.70
				16	400	313216B160AJ	313216B160AK	\$ 1,192.90
16C	400	17.15 - 17.90	436-455	8	200	313216C080AJ	313216C080AK	POA
				10	250	313216C100AJ	313216C100AK	\$ 860.10
				12	300	313216C120AJ	313216C120AK	\$ 1,029.70
				16	400	313216C160AJ	313216C160AK	\$ 1,192.90
18A	450	17.82 - 18.57	453-472	8	200	313218A080AJ	313218A080AK	POA
				10	250	313218A100AJ	313218A100AK	POA
				12	300	313218A120AJ	313218A120AK	\$ 1,049.80
				16	400	313218A160AJ	313218A160AK	\$ 1,216.50

3132 IRON LUG DOUBLE PANEL TAPPED REPAIR CLAMP (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	
18B	450	18.46 - 19.21	469-488	8	200	313218B080AJ	313218B080AK	POA
				10	250	313218B100AJ	313218B100AK	POA
				12	300	313218B120AJ	313218B120AK	\$ 1,049.80
				16	400	313218B160AJ	313218B160AK	\$ 1,216.50
18C	450	19.23 - 19.98	488-507	8	200	313218C080AJ	313218C080AK	POA
				10	250	313218C100AJ	313218C100AK	POA
				12	300	313218C120AJ	313218C120AK	\$ 1,049.80
				16	400	313218C160AJ	313218C160AK	\$ 1,216.50
20A	500	19.90 - 20.65	505-525	8	200	313220A080AJ	313220A080AK	POA
				10	250	313220A100AJ	313220A100AK	POA
				12	300	313220A120AJ	313220A120AK	POA
				16	400	313220A160AJ	313220A160AK	\$ 1,299.10
20B	500	20.70 - 21.45	526-545	8	200	313220B080AJ	313220B080AK	POA
				10	250	313220B100AJ	313220B100AK	POA
				12	300	313220B120AJ	313220B120AK	POA
				16	400	313220B160AJ	313220B160AK	\$ 1,299.10
22A	550	21.52 - 22.27	547-566	8	200	313222A080AJ	313222A080AK	POA
				10	250	313222A100AJ	313222A100AK	POA
				12	300	313222A120AJ	313222A120AK	POA
				16	400	313222A160AJ	313222A160AK	\$ 2,111.40
22B	550	22.12 - 22.87	562-581	8	200	313222A080AJ	313222A080AK	POA
				10	250	313222A100AJ	313222A100AK	POA
				12	300	313222A120AJ	313222A120AK	POA
				16	400	313222B160AJ	313222B160AK	\$ 2,111.40
22C	550	22.90 - 23.65	582-601	8	200	313222C080AJ	313222C080AK	POA
				10	250	313222C100AJ	313222C100AK	POA
				12	300	313222C120AJ	313222C120AK	POA
				16	400	313222C160AJ	313222C160AK	\$ 2,111.40

HOW TO ORDER: Choose nominal pipe size, width and outlet size with thread configuration. EXAMPLE: 8" DIP O.D. 9.05, 12" wide with a 2" NPT outlet. Order 3132- 8B x 12 X 2 NPT. **Part Number:**313208B120AK .



COATING OPTION: Anti-Seizing/Galling protection. Available for both Alloy and SST application. Inquire with sales for cost and availability

3132 IRON LUG DOUBLE 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	
3	75	3.49-4.29	89-109	8	200	3132030080BB	3132030080BC	3132030080BD	3132030080BE	\$ 301.50
				10	250	3132030100BB	3132030100BC	3132030100BD	3132030100BE	\$ 377.90
				12	300	3132030120BB	3132030120BC	3132030120BD	3132030120BE	\$ 421.20
				16	400	3132030160BB	3132030160BC	3132030160BD	3132030160BE	\$ 531.60
4A	100	4.44 - 5.24	113-133	8	200	313204A080BB	313204A080BC	313204A080BD	313204A080BE	\$ 328.60
				10	250	313204A100BB	313204A100BC	313204A100BD	313204A100BE	\$ 420.30
				12	300	313204A120BB	313204A120BC	313204A120BD	313204A120BE	\$ 466.20
				16	400	313204A160BB	313204A160BC	313204A160BD	313204A160BE	\$ 593.60
4B	100	4.74 - 5.57	120-141	8	200	313204B080BB	313204B080BC	313204B080BD	313204B080BE	\$ 328.60
				10	250	313204B100BB	313204B100BC	313204B100BD	313204B100BE	\$ 420.30
				12	300	313204B120BB	313204B120BC	313204B120BD	313204B120BE	\$ 466.20
				16	400	313204B160BB	313204B160BC	313204B160BD	313204B160BE	\$ 593.60
6A	150	6.62 - 7.42	168-188	8	200	313206A080BB	313206A080BC	313206A080BD	313206A080BE	\$ 359.10
				10	250	313206A100BB	313206A100BC	313206A100BD	313206A100BE	\$ 450.90
				12	300	313206A120BB	313206A120BC	313206A120BD	313206A120BE	\$ 529.90
				16	400	313206A160BB	313206A160BC	313206A160BD	313206A160BE	\$ 634.40
6B	150	6.84 - 7.64	174-194	8	200	313206B080BB	313206B080BC	313206B080BD	313206B080BE	\$ 361.70
				10	250	313206B100BB	313206B100BC	313206B100BD	313206B100BE	\$ 456.00
				12	300	313206B120BB	313206B120BC	313206B120BD	313206B120BE	\$ 535.00
				16	400	313206B160BB	313206B160BC	313206B160BD	313206B160BE	\$ 670.00
8A	200	8.62 - 9.42	219-239	8	200	313208A080BB	313208A080BC	313208A080BD	313208A080BE	\$ 387.20
				10	250	313208A100BB	313208A100BC	313208A100BD	313208A100BE	\$ 484.00
				12	300	313208A120BB	313208A120BC	313208A120BD	313208A120BE	\$ 565.60
				16	400	313208A160BB	313208A160BC	313208A160BD	313208A160BE	\$ 715.90
8B	200	8.99 - 9.79	228-249	8	200	313208B080BB	313208B080BC	313208B080BD	313208B080BE	\$ 397.30
				10	250	313208B100BB	313208B100BC	313208B100BD	313208B100BE	\$ 491.60
				12	300	313208B120BB	313208B120BC	313208B120BD	313208B120BE	\$ 573.20
				16	400	313208B160BB	313208B160BC	313208B160BD	313208B160BE	\$ 731.20

3132 IRON LUG DOUBLE 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	
10A	250	10.75 - 11.55	273-293	8	200	313210A080BB	313210A080BC	313210A080BD	313210A080BE	\$ 527.10
				10	250	313210A100BB	313210A100BC	313210A100BD	313210A100BE	\$ 652.20
				12	300	313210A120BB	313210A120BC	313210A120BD	313210A120BE	\$ 717.40
				16	400	313210A160BB	313210A160BC	313210A160BD	313210A160BE	\$ 838.70
10B	250	11.10 - 11.90	282-302	8	200	313210B080BB	313210B080BC	313210B080BD	313210B080BE	\$ 535.30
				10	250	313210B100BB	313210B100BC	313210B100BD	313210B100BE	\$ 662.40
				12	300	313210B120BB	313210B120BC	313210B120BD	313210B120BE	\$ 754.90
				16	400	313210B160BB	313210B160BC	313210B160BD	313210B160BE	\$ 932.50
10D	250	11.60 - 12.40	295-315	8	200	313210D080BB	313210D080BC	313210D080BD	313210D080BE	\$ 535.30
				10	250	313210D100BB	313210D100BC	313210D100BD	313210D100BE	\$ 662.40
				12	300	313210D120BB	313210D120BC	313210D120BD	313210D120BE	\$ 754.90
				16	400	313210D160BB	313210D160BC	313210D160BD	313210D160BE	\$ 932.50
12A	300	12.75 - 13.55	324-344	8	200	313212A080BB	313212A080BC	313212A080BD	313212A080BE	POA
				10	250	313212A100BB	313212A100BC	313212A100BD	313212A100BE	\$ 707.80
				12	300	313212A120BB	313212A120BC	313212A120BD	313212A120BE	\$ 749.90
				16	400	313212A160BB	313212A160BC	313212A160BD	313212A160BE	\$ 978.40
12B	300	13.20 - 14.00	335-356	8	200	313212B080BB	313212B080BC	313212B080BD	313212B080BE	POA
				10	250	313212B100BB	313212B100BC	313212B100BD	313212B100BE	\$ 707.80
				12	300	313212B120BB	313212B120BC	313212B120BD	313212B120BE	\$ 749.90
				16	400	313212B160BB	313212B160BC	313212B160BD	313212B160BE	\$ 978.40
12D	300	13.65 - 14.45	347-367	8	200	313212D080BB	313212D080BC	313212D080BD	313212D080BE	POA
				10	250	313212D100BB	313212D100BC	313212D100BD	313212D100BE	\$ 707.80
				12	300	313212D120BB	313212D120BC	313212D120BD	313212D120BE	\$ 749.90
				16	400	313212D160BB	313212D160BC	313212D160BD	313212D160BE	\$ 978.40
14A	350	14.38 - 15.13	365-384	8	200	313214A080BB	313214A080BC	313214A080BD	313214A080BE	POA
				10	250	313214A100BB	313214A100BC	313214A100BD	313214A100BE	\$ 1,021.10
				12	300	313214A120BB	313214A120BC	313214A120BD	313214A120BE	\$ 1,237.10
				16	400	313214A160BB	313214A160BC	313214A160BD	313214A160BE	\$ 1,454.00
14B	350	15.07 - 15.82	383-402	8	200	313214B080BB	313214B080BC	313214B080BD	313214B080BE	POA
				10	250	313214B100BB	313214B100BC	313214B100BD	313214B100BE	\$ 1,021.10
				12	300	313214B120BB	313214B120BC	313214B120BD	313214B120BE	\$ 1,237.10
				16	400	313214B160BB	313214B160BC	313214B160BD	313214B160BE	\$ 1,454.00
16A	400	15.92 - 16.67	404-423	8	200	313216A080BB	313216A080BC	313216A080BD	313216A080BE	POA
				10	250	313216A100BB	313216A100BC	313216A100BD	313216A100BE	\$ 1,112.40
				12	300	313216A120BB	313216A120BC	313216A120BD	313216A120BE	\$ 1,347.30
				16	400	313216A160BB	313216A160BC	313216A160BD	313216A160BE	\$ 1,584.50
16B	400	16.56 - 17.31	421-440	8	200	313216B080BB	313216B080BC	313216B080BD	313216B080BE	POA
				10	250	313216B100BB	313216B100BC	313216B100BD	313216B100BE	\$ 1,112.40
				12	300	313216B120BB	313216B120BC	313216B120BD	313216B120BE	\$ 1,347.30
				16	400	313216B160BB	313216B160BC	313216B160BD	313216B160BE	\$ 1,584.50

3132 IRON LUG DOUBLE 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	
16C	400	17.15 - 17.90	436-455	8	200	313216C080BB	313216C080BC	313216C080BD	313216C080BE	POA
				10	250	313216C100BB	313216C100BC	313216C100BD	313216C100BE	\$ 1,112.40
				12	300	313216C120BB	313216C120BC	313216C120BD	313216C120BE	\$ 1,347.30
				16	400	313216C160BB	313216C160BC	313216C160BD	313216C160BE	\$ 1,584.50
18A	450	17.82 - 18.57	453-472	8	200	313218A080BB	313218A080BC	313218A080BD	313218A080BE	POA
				10	250	313218A100BB	313218A100BC	313218A100BD	313218A100BE	POA
				12	300	313218A120BB	313218A120BC	313218A120BD	313218A120BE	\$ 1,432.80
				16	400	313218A160BB	313218A160BC	313218A160BD	313218A160BE	\$ 1,675.40
18B	450	18.46 - 19.21	469-488	8	200	313218B080BB	313218B080BC	313218B080BD	313218B080BE	POA
				10	250	313218B100BB	313218B100BC	313218B100BD	313218B100BE	POA
				12	300	313218B120BB	313218B120BC	313218B120BD	313218B120BE	\$ 1,432.80
				16	400	313218B160BB	313218B160BC	313218B160BD	313218B160BE	\$ 1,675.40
18C	450	19.23 - 19.98	488-507	8	200	313218C080BB	313218C080BC	313218C080BD	313218C080BE	POA
				10	250	313218C100BB	313218C100BC	313218C100BD	313218C100BE	POA
				12	300	313218C120BB	313218C120BC	313218C120BD	313218C120BE	\$ 1,432.80
				16	400	313218C160BB	313218C160BC	313218C160BD	313218C160BE	\$ 1,675.40
20A	500m	19.90 - 20.65	505-525	8	200	313220A080BB	313220A080BC	313220A080BD	313220A080BE	POA
				10	250	313220A100BB	313220A100BC	313220A100BD	313220A100BE	POA
				12	300	313220A120BB	313220A120BC	313220A120BD	313220A120BE	POA
				16	400	313220A160BB	313220A160BC	313220A160BD	313220A160BE	\$ 1,701.80
20B	500	20.70 - 21.45	526-545	8	200	313220B080BB	313220B080BC	313220B080BD	313220B080BE	POA
				10	250	313220B100BB	313220B100BC	313220B100BD	313220B100BE	POA
				12	300	313220B120BB	313220B120BC	313220B120BD	313220B120BE	POA
				16	400	313220B160BB	313220B160BC	313220B160BD	313220B160BE	\$ 1,701.80
22A	550	21.52 - 22.27	547-566	8	200	313222A080BB	313222A080BC	313222A080BD	313222A080BE	POA
				10	250	313222A100BB	313222A100BC	313222A100BD	313222A100BE	POA
				12	300	313222A120BB	313222A120BC	313222A120BD	313222A120BE	POA
				16	400	313222A160BB	313222A160BC	313222A160BD	313222A160BE	\$ 2,713.30
22B	550	22.12 - 22.87	562-581	8	200	313222B080BB	313222B080BC	313222B080BD	313222B080BE	POA
				10	250	313222B100BB	313222B100BC	313222B100BD	313222B100BE	POA
				12	300	313222B120BB	313222B120BC	313222B120BD	313222B120BE	POA
				16	400	313222B160BB	313222B160BC	313222B160BD	313222B160BE	\$ 2,713.30
22C	550	22.90 - 23.65	582-601	8	200	313222C080BB	313222C080BC	313222C080BD	313222C080BE	POA
				10	250	313222C100BB	313222C100BC	313222C100BD	313222C100BE	POA
				12	300	313222C120BB	313222C120BC	313222C120BD	313222C120BE	POA
				16	400	313222C160BB	313222C160BC	313222C160BD	313222C160BE	\$ 2,713.30

HOW TO ORDER: Choose nominal pipe size, width and outlet size with thread configuration. EXAMPLE: 8" DIP O.D. 9.05, 12" wide with a 1" CC outlet. Order 3132- 8B x 12 X 1 CC. **Part Number:** 313208B120BD.

3132 IRON LUG DOUBLE 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	
3	75	3.49-4.29	89-109	8	200	3132030080BG	3132030080BI	3132030080BF	3132030080BH	\$ 322.70
				10	250	3132030100BG	3132030100BI	3132030100BF	3132030100BH	\$ 399.10
				12	300	3132030120BG	3132030120BI	3132030120BF	3132030120BH	\$ 442.40
				16	400	3132030160BG	3132030160BI	3132030160BF	3132030160BH	\$ 552.80
4A	100	4.44 - 5.24	113-133	8	200	313204A080BG	313204A080BI	313204A080BF	313204A080BH	\$ 349.70
				10	250	313204A100BG	313204A100BI	313204A100BF	313204A100BH	\$ 441.40
				12	300	313204A120BG	313204A120BI	313204A120BF	313204A120BH	\$ 487.30
				16	400	313204A160BG	313204A160BI	313204A160BF	313204A160BH	\$ 614.70
4B	100	4.74 - 5.57	120-141	8	200	313204B080BG	313204B080BI	313204B080BF	313204B080BH	\$ 349.70
				10	250	313204B100BG	313204B100BI	313204B100BF	313204B100BH	\$ 441.40
				12	300	313204B120BG	313204B120BI	313204B120BF	313204B120BH	\$ 487.30
				16	400	313204B160BG	313204B160BI	313204B160BF	313204B160BH	\$ 614.70
6A	150	6.62 - 7.42	168-188	8	200	313206A080BG	313206A080BI	313206A080BF	313206A080BH	\$ 380.30
				10	250	313206A100BG	313206A100BI	313206A100BF	313206A100BH	\$ 472.00
				12	300	313206A120BG	313206A120BI	313206A120BF	313206A120BH	\$ 551.00
				16	400	313206A160BG	313206A160BI	313206A160BF	313206A160BH	\$ 655.50
6B	150	6.84 - 7.64	174-194	8	200	313206B080BG	313206B080BI	313206B080BF	313206B080BH	\$ 382.80
				10	250	313206B100BG	313206B100BI	313206B100BF	313206B100BH	\$ 477.10
				12	300	313206B120BG	313206B120BI	313206B120BF	313206B120BH	\$ 556.10
				16	400	313206B160BG	313206B160BI	313206B160BF	313206B160BH	\$ 691.20
8A	200	8.62 - 9.42	219-239	8	200	313208A080BG	313208A080BI	313208A080BF	313208A080BH	\$ 408.30
				10	250	313208A100BG	313208A100BI	313208A100BF	313208A100BH	\$ 505.10
				12	300	313208A120BG	313208A120BI	313208A120BF	313208A120BH	\$ 586.70
				16	400	313208A160BG	313208A160BI	313208A160BF	313208A160BH	\$ 737.00
8B	200	8.99 - 9.79	228-249	8	200	313208B080BG	313208B080BI	313208B080BF	313208B080BH	\$ 418.50
				10	250	313208B100BG	313208B100BI	313208B100BF	313208B100BH	\$ 512.80
				12	300	313208B120BG	313208B120BI	313208B120BF	313208B120BH	\$ 594.30
				16	400	313208B160BG	313208B160BI	313208B160BF	313208B160BH	\$ 752.30

3132 IRON LUG DOUBLE 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	
10A	250	10.75 - 11.55	273-293	8	200	313210A080BG	313210A080BI	313210A080BF	313210A080BH	\$ 551.90
				10	250	313210A100BG	313210A100BI	313210A100BF	313210A100BH	\$ 673.30
				12	300	313210A120BG	313210A120BI	313210A120BF	313210A120BH	\$ 702.30
				16	400	313210A160BG	313210A160BI	313210A160BF	313210A160BH	\$ 946.00
10B	250	11.10 - 11.90	282-302	8	200	313210B080BG	313210B080BI	313210B080BF	313210B080BH	\$ 560.30
				10	250	313210B100BG	313210B100BI	313210B100BF	313210B100BH	\$ 683.50
				12	300	313210B120BG	313210B120BI	313210B120BF	313210B120BH	\$ 777.90
				16	400	313210B160BG	313210B160BI	313210B160BF	313210B160BH	\$ 953.70
10C	250	11.04 - 12.24	280-311	8	200	313210C080BG	313210C080BI	313210C080BF	313210C080BH	\$ 560.30
				10	250	313210C100BG	313210C100BI	313210C100BF	313210C100BH	\$ 683.50
				12	300	313210C120BG	313210C120BI	313210C120BF	313210C120BH	\$ 777.90
				16	400	313210C160BG	313210C160BI	313210C160BF	313210C160BH	\$ 953.70
10D	250	11.60 - 12.40	295-315	8	200	313210D080BG	313210D080BI	313210D080BF	313210D080BH	\$ 560.30
				10	250	313210D100BG	313210D100BI	313210D100BF	313210D100BH	\$ 683.50
				12	300	313210D120BG	313210D120BI	313210D120BF	313210D120BH	\$ 777.90
				16	400	313210D160BG	313210D160BI	313210D160BF	313210D160BH	\$ 953.70
12A	300	12.75 - 13.55	324-344	8	200	313212A080BG	313212A080BI	313212A080BF	313212A080BH	POA
				10	250	313212A100BG	313212A100BI	313212A100BF	313212A100BH	\$ 721.80
				12	300	313212A120BG	313212A120BI	313212A120BF	313212A120BH	\$ 767.50
				16	400	313212A160BG	313212A160BI	313212A160BF	313212A160BH	\$ 989.30
12B	300	13.20 - 14.00	335-356	8	200	313212B080BG	313212B080BI	313212B080BF	313212B080BH	POA
				10	250	313212B100BG	313212B100BI	313212B100BF	313212B100BH	\$ 728.90
				12	300	313212B120BG	313212B120BI	313212B120BF	313212B120BH	\$ 771.00
				16	400	313212B160BG	313212B160BI	313212B160BF	313212B160BH	\$ 999.50
12D	300	13.65 - 14.45	347-367	8	200	313212D080BG	313212D080BI	313212D080BF	313212D080BH	POA
				10	250	313212D100BG	313212D100BI	313212D100BF	313212D100BH	\$ 728.90
				12	300	313212D120BG	313212D120BI	313212D120BF	313212D120BH	\$ 771.00
				16	400	313212D160BG	313212D160BI	313212D160BF	313212D160BH	\$ 999.50
14A	350	14.38 - 15.13	365-384	8	200	313214A080BG	313214A080BI	313214A080BF	313214A080BH	POA
				10	250	313214A100BG	313214A100BI	313214A100BF	313214A100BH	\$ 1,042.20
				12	300	313214A120BG	313214A120BI	313214A120BF	313214A120BH	\$ 1,258.30
				16	400	313214A160BG	313214A160BI	313214A160BF	313214A160BH	\$ 1,475.20
14B	350	15.07 - 15.82	383-402	8	200	313214B080BG	313214B080BI	313214B080BF	313214B080BH	POA
				10	250	313214B100BG	313214B100BI	313214B100BF	313214B100BH	\$ 957.60
				12	300	313214B120BG	313214B120BI	313214B120BF	313214B120BH	\$ 1,173.60
				16	400	313214B160BG	313214B160BI	313214B160BF	313214B160BH	\$ 1,390.60
16A	400	15.92 - 16.67	404-423	8	200	313216A080BG	313216A080BI	313216A080BF	313216A080BH	POA
				10	250	313216A100BG	313216A100BI	313216A100BF	313216A100BH	\$ 1,133.70
				12	300	313216A120BG	313216A120BI	313216A120BF	313216A120BH	\$ 1,368.50
				16	400	313216A160BG	313216A160BI	313216A160BF	313216A160BH	\$ 1,605.20

3132 IRON LUG DOUBLE 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	
16B	400	16.56 - 17.31	421-440	8	200	313216B080BG	313216B080BI	313216B080BF	313216B080BH	POA
				10	250	313216B100BG	313216B100BI	313216B100BF	313216B100BH	\$ 1,049.00
				12	300	313216B120BG	313216B120BI	313216B120BF	313216B120BH	\$ 1,283.80
				16	400	313216B160BG	313216B160BI	313216B160BF	313216B160BH	\$ 1,520.50
16C	400	17.15 - 17.90	436-455	8	200	313216C080BG	313216C080BI	313216C080BF	313216C080BH	POA
				10	250	313216C100BG	313216C100BI	313216C100BF	313216C100BH	\$ 1,133.60
				12	300	313216C120BG	313216C120BI	313216C120BF	313216C120BH	\$ 1,368.50
				16	400	313216C160BG	313216C160BI	313216C160BF	313216C160BH	\$ 1,605.20
18A	450	17.82 - 18.57	453-472	8	200	313218A080BG	313218A080BI	313218A080BF	313218A080BH	POA
				10	250	313218A100BG	313218A100BI	313218A100BF	313218A100BH	POA
				12	300	313218A120BG	313218A120BI	313218A120BF	313218A120BH	\$ 1,369.40
				16	400	313218A160BG	313218A160BI	313218A160BF	313218A160BH	\$ 1,611.90
18B	450	18.46 - 19.21	469-488	8	200	313218B080BG	313218B080BI	313218B080BF	313218B080BH	POA
				10	250	313218B100BG	313218B100BI	313218B100BF	313218B100BH	POA
				12	300	313218B120BG	313218B120BI	313218B120BF	313218B120BH	\$ 1,454.00
				16	400	313218B160BG	313218B160BI	313218B160BF	313218B160BH	\$ 1,696.60
18C	450	19.23 - 19.98	488-507	8	200	313218C080BG	313218C080BI	313218C080BF	313218C080BH	POA
				10	250	313218C100BG	313218C100BI	313218C100BF	313218C100BH	POA
				12	300	313218C120BG	313218C120BI	313218C120BF	313218C120BH	\$ 1,369.30
				16	400	313218C160BG	313218C160BI	313218C160BF	313218C160BH	\$ 1,611.90
20A	500m	19.90 - 20.65	505-525	8	200	313220A080BG	313220A080BI	313220A080BF	313220A080BH	POA
				10	250	313220A100BG	313220A100BI	313220A100BF	313220A100BH	POA
				12	300	313220A120BG	313220A120BI	313220A120BF	313220A120BH	POA
				16	400	313220A160BG	313220A160BI	313220A160BF	313220A160BH	\$ 1,723.00
20B	500	20.70 - 21.45	526-545	8	200	313220B080BG	313220B080BI	313220B080BF	313220B080BH	POA
				10	250	313220B100BG	313220B100BI	313220B100BF	313220B100BH	POA
				12	300	313220B120BG	313220B120BI	313220B120BF	313220B120BH	POA
				16	400	313220B160BG	313220B160BI	313220B160BF	313220B160BH	\$ 1,638.30
22A	550	21.52 - 22.27	547-566	8	200	313222A080BG	313222A080BI	313222A080BF	313222A080BH	POA
				10	250	313222A100BG	313222A100BI	313222A100BF	313222A100BH	POA
				12	300	313222A120BG	313222A120BI	313222A120BF	313222A120BH	POA
				16	400	313222A160BG	313222A160BI	313222A160BF	313222A160BH	\$ 2,798.00
22B	550	22.12 - 22.87	562-581	8	200	313222B080BG	313222B080BI	313222B080BF	313222B080BH	POA
				10	250	313222B100BG	313222B100BI	313222B100BF	313222B100BH	POA
				12	300	313222B120BG	313222B120BI	313222B120BF	313222B120BH	POA
				16	400	313222B160BG	313222B160BI	313222B160BF	313222B160BH	\$ 2,713.30
22C	550	22.90 - 23.65	582-601	8	200	313222C080BG	313222C080BI	313222C080BF	313222C080BH	POA
				10	250	313222C100BG	313222C100BI	313222C100BF	313222C100BH	POA
				12	300	313222C120BG	313222C120BI	313222C120BF	313222C120BH	POA
				16	400	313222C160BG	313222C160BI	313222C160BF	313222C160BH	\$ 2,798.00

HOW TO ORDER: Choose nominal pipe size, width and outlet size with thread configuration. EXAMPLE: 8" DIP O.D. 9.05, 12" wide with a 2" CC outlet. Order 3132- 8B x 12 X 2 CC. **Part Number:** 313208B120BJ.

3132 IRON LUG DOUBLE 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	
3	75	3.49-4.29	89-109	8	200	3132030080BJ	3132030080BK	POA
				10	250	3132030100BJ	3132030100BK	POA
				12	300	3132030120BJ	3132030120BK	POA
				16	400	3132030160BJ	3132030160BK	POA
4A	100	4.44 - 5.24	113-133	8	200	313204A080BJ	313204A080BK	\$ 369.80
				10	250	313204A100BJ	313204A100BK	\$ 461.60
				12	300	313204A120BJ	313204A120BK	\$ 507.40
				16	400	313204A160BJ	313204A160BK	\$ 634.80
4B	100	4.74 - 5.57	120-141	8	200	313204B080BJ	313204B080BK	\$ 369.80
				10	250	313204B100BJ	313204B100BK	\$ 461.60
				12	300	313204B120BJ	313204B120BK	\$ 507.40
				16	400	313204B160BJ	313204B160BK	\$ 634.80
6A	150	6.62 - 7.42	168-188	8	200	313206A080BJ	313206A080BK	\$ 400.40
				10	250	313206A100BJ	313206A100BK	\$ 492.10
				12	300	313206A120BJ	313206A120BK	\$ 571.10
				16	400	313206A160BJ	313206A160BK	\$ 675.60
6B	150	6.84 - 7.64	174-194	8	200	313206B080BJ	313206B080BK	\$ 402.90
				10	250	313206B100BJ	313206B100BK	\$ 497.20
				12	300	313206B120BJ	313206B120BK	\$ 576.20
				16	400	313206B160BJ	313206B160BK	\$ 711.30
8A	200	8.62 - 9.42	219-239	8	200	313208A080BJ	313208A080BK	\$ 428.40
				10	250	313208A100BJ	313208A100BK	\$ 525.20
				12	300	313208A120BJ	313208A120BK	\$ 606.80
				16	400	313208A160BJ	313208A160BK	\$ 757.20
8B	200	8.99 - 9.79	228-249	8	200	313208B080BJ	313208B080BK	\$ 438.60
				10	250	313208B100BJ	313208B100BK	\$ 532.90
				12	300	313208B120BJ	313208B120BK	\$ 614.40
				16	400	313208B160BJ	313208B160BK	\$ 772.40

3132 IRON LUG DOUBLE 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	
10A	250	10.75 - 11.55	273-293	8	200	313210A080BJ	313210A080BK	\$ 568.40
				10	250	313210A100BJ	313210A100BK	\$ 693.40
				12	300	313210A120BJ	313210A120BK	\$ 722.50
				16	400	313210A160BJ	313210A160BK	\$ 966.10
10B	250	11.10 - 11.90	282-302	8	200	313210B080BJ	313210B080BK	\$ 576.70
				10	250	313210B100BJ	313210B100BK	\$ 703.60
				12	300	313210B120BJ	313210B120BK	\$ 796.10
				16	400	313210B160BJ	313210B160BK	\$ 973.80
10C	250	11.04 - 12.24	280-311	8	200	313210C080BJ	313210C080BK	\$ 576.70
				10	250	313210C100BJ	313210C100BK	\$ 703.60
				12	300	313210C120BJ	313210C120BK	\$ 796.10
				16	400	313210C160BJ	313210C160BK	\$ 973.80
10D	250	11.60 - 12.40	295-315	8	200	313210D080BJ	313210D080BK	\$ 576.70
				10	250	313210D100BJ	313210D100BK	\$ 703.60
				12	300	313210D120BJ	313210D120BK	\$ 796.10
				16	400	313210D160BJ	313210D160BK	\$ 973.80
12A	300	12.75 - 13.55	324-344	8	200	313212A080BJ	313212A080BK	POA
				10	250	313212A100BJ	313212A100BK	\$ 741.90
				12	300	313212A120BJ	313212A120BK	\$ 787.60
				16	400	313212A160BJ	313212A160BK	\$ 991.00
12B	300	13.20 - 14.00	335-356	8	200	313212B080BJ	313212B080BK	POA
				10	250	313212B100BJ	313212B100BK	\$ 749.00
				12	300	313212B120BJ	313212B120BK	\$ 791.10
				16	400	313212B160BJ	313212B160BK	\$ 1,009.40
12D	300	13.65 - 14.45	347-367	8	200	313212D080BJ	313212D080BK	POA
				10	250	313212D100BJ	313212D100BK	\$ 749.00
				12	300	313212D120BJ	313212D120BK	\$ 791.10
				16	400	313212D160BJ	313212D160BK	\$ 1,009.40
14A	350	14.38 - 15.13	365-384	8	200	313214A080BJ	313214A080BK	POA
				10	250	313214A100BJ	313214A100BK	\$ 1,062.30
				12	300	313214A120BJ	313214A120BK	\$ 1,278.40
				16	400	313214A160BJ	313214A160BK	\$ 1,495.30
14B	350	15.07 - 15.82	383-402	8	200	313214B080BJ	313214B080BK	POA
				10	250	313214B100BJ	313214B100BK	\$ 957.60
				12	300	313214B120BJ	313214B120BK	\$ 1,173.60
				16	400	313214B160BJ	313214B160BK	\$ 1,390.60
16A	400	15.92 - 16.67	404-423	8	200	313216A080BJ	313216A080BK	POA
				10	250	313216A100BJ	313216A100BK	\$ 1,153.80
				12	300	313216A120BJ	313216A120BK	\$ 1,388.60
				16	400	313216A160BJ	313216A160BK	\$ 1,625.30

3132 IRON LUG DOUBLE 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	
16B	400	16.56 - 17.31	421-440	8	200	313216B080BJ	313216B080BK	POA
				10	250	313216B100BJ	313216B100BK	\$ 1,049.00
				12	300	313216B120BJ	313216B120BK	\$ 1,283.80
				16	400	313216B160BJ	313216B160BK	\$ 1,520.50
16C	400	17.15 - 17.90	436-455	8	200	313216C080BJ	313216C080BK	POA
				10	250	313216C100BJ	313216C100BK	\$ 1,153.70
				12	300	313216C120BJ	313216C120BK	\$ 1,388.60
				16	400	313216C160BJ	313216C160BK	\$ 1,625.30
18A	450	17.82 - 18.57	453-472	8	200	313218A080BJ	313218A080BK	POA
				10	250	313218A100BJ	313218A100BK	POA
				12	300	313218A120BJ	313218A120BK	\$ 1,369.40
				16	400	313218A160BJ	313218A160BK	\$ 1,611.90
18B	450	18.46 - 19.21	469-488	8	200	313218B080BJ	313218B080BK	POA
				10	250	313218B100BJ	313218B100BK	POA
				12	300	313218B120BJ	313218B120BK	\$ 1,474.10
				16	400	313218B160BJ	313218B160BK	\$ 1,716.70
18C	450	19.23 - 19.98	488-507	8	200	313218C080BJ	313218C080BK	POA
				10	250	313218C100BJ	313218C100BK	POA
				12	300	313218C120BJ	313218C120BK	\$ 1,369.30
				16	400	313218C160BJ	313218C160BK	\$ 1,611.90
20A	500m	19.90 - 20.65	505-525	8	200	313220A080BJ	313220A080BK	POA
				10	250	313220A100BJ	313220A100BK	POA
				12	300	313220A120BJ	313220A120BK	POA
				16	400	313220A160BJ	313220A160BK	\$ 1,743.10
20B	500	20.70 - 21.45	526-545	8	200	313220B080BJ	313220B080BK	POA
				10	250	313220B100BJ	313220B100BK	POA
				12	300	313220B120BJ	313220B120BK	POA
				16	400	313220B160BJ	313220B160BK	\$ 1,638.30
22A	550	21.52 - 22.27	547-566	8	200	313222A080BJ	313222A080BK	POA
				10	250	313222A100BJ	313222A100BK	POA
				12	300	313222A120BJ	313222A120BK	POA
				16	400	313222A160BJ	313222A160BK	\$ 2,818.10
22B	550	22.12 - 22.87	562-581	8	200	313222B080BJ	313222B080BK	POA
				10	250	313222B100BJ	313222B100BK	POA
				12	300	313222B120BJ	313222B120BK	POA
				16	400	313222B160BJ	313222B160BK	\$ 2,713.30
22C	550	22.90 - 23.65	582-601	8	200	313222C080BJ	313222C080BK	POA
				10	250	313222C100BJ	313222C100BK	POA
				12	300	313222C120BJ	313222C120BK	POA
				16	400	313222C160BJ	313222C160BK	\$ 2,818.10

HOW TO ORDER: Choose nominal pipe size, width and outlet size with thread configuration. EXAMPLE: 8" DIP O.D. 9.05, 12" wide with a 2" CC outlet. Order 3132- 8B x 12 X 2 CC. **Part Number:** 313208B120BJ.

3131AS ALL STAINLESS SINGLE PANEL TAPPED REPAIR CLAMP (SMALL OUTLETS)

PANEL & LIFTER BAR: 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 galling.

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

WASHERS: Delrin per ASTM D6778.

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	3131020080CB	3131020080CC	3131020080CD	3131020080CE	\$ 186.80
				10	250	3131020100CB	3131020100CC	3131020100CD	3131020100CE	\$ 233.00
				12	300	3131020120CB	3131020120CC	3131020120CD	3131020120CE	\$ 265.00
				16	400	3131020160CB	3131020160CC	3131020160CD	3131020160CE	\$ 288.10
2 1/2	63	2.70-3.00	69-77	8	200	3131025080CB	3131025080CC	3131025080CD	3131025080CE	\$ 191.60
				10	250	3131025100CB	3131025100CC	3131025100CD	3131025100CE	\$ 239.00
				12	300	3131025120CB	3131025120CC	3131025120CD	3131025120CE	\$ 269.80
				16	400	3131025160CB	3131025160CC	3131025160CD	3131025160CE	\$ 286.60
3A	75	2.97 - 3.25	75 - 83	8	200	313103A080CB	313103A080CC	313103A080CD	313103A080CE	\$ 197.70
				10	250	313103A100CB	313103A100CC	313103A100CD	313103A100CE	\$ 241.90
				12	300	313103A120CB	313103A120CC	313103A120CD	313103A120CE	\$ 272.50
				16	400	313103A160CB	313103A160CC	313103A160CD	313103A160CE	\$ 308.30
3B	75	3.46 - 3.70	88 - 94	8	200	313103B080CB	313103B080CC	313103B080CD	313103B080CE	\$ 199.30
				10	250	313103B100CB	313103B100CC	313103B100CD	313103B100CE	\$ 248.60
				12	300	313103B120CB	313103B120CC	313103B120CD	313103B120CE	\$ 280.10
				16	400	313103B160CB	313103B160CC	313103B160CD	313103B160CE	\$ 314.80
3C	75	3.73 - 4.00	95 - 102	8	200	313103C080CB	313103C080CC	313103C080CD	313103C080CE	\$ 199.30
				10	250	313103C100CB	313103C100CC	313103C100CD	313103C100CE	\$ 248.60
				12	300	313103C120CB	313103C120CC	313103C120CD	313103C120CE	\$ 280.10
				16	400	313103C160CB	313103C160CC	313103C160CD	313103C160CE	\$ 314.80
3D	75	3.96 - 4.25	101 - 108	8	200	313103D080CB	313103D080CC	313103D080CD	313103D080CE	\$ 199.30
				10	250	313103D100CB	313103D100CC	313103D100CD	313103D100CE	\$ 248.60
				12	300	313103D120CB	313103D120CC	313103D120CD	313103D120CE	\$ 280.10
				16	400	313103D160CB	313103D160CC	313103D160CD	313103D160CE	\$ 314.80
4A	100	4.45 - 4.73	112 - 120	8	200	313104A080CB	313104A080CC	313104A080CD	313104A080CE	\$ 202.60
				10	250	313104A100CB	313104A100CC	313104A100CD	313104A100CE	\$ 252.30
				12	300	313104A120CB	313104A120CC	313104A120CD	313104A120CE	\$ 283.50
				16	400	313104A160CB	313104A160CC	313104A160CD	313104A160CE	\$ 318.50

3131AS ALL STAINLESS SINGLE PANEL TAPPED REPAIR CLAMP (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	119 - 131	8	200	313104B080CB	313104B080CC	313104B080CD	313104B080CE	\$ 212.00
				10	250	313104B100CB	313104B100CC	313104B100CD	313104B100CE	\$ 261.90
				12	300	313104B120CB	313104B120CC	313104B120CD	313104B120CE	\$ 294.70
				16	400	313104B160CB	313104B160CC	313104B160CD	313104B160CE	\$ 320.50
4C	100	4.95 - 5.35	126 - 136	8	200	313104C080CB	313104C080CC	313104C080CD	313104C080CE	\$ 215.30
				10	250	313104C100CB	313104C100CC	313104C100CD	313104C100CE	\$ 263.10
				12	300	313104C120CB	313104C120CC	313104C120CD	313104C120CE	\$ 296.00
				16	400	313104C160CB	313104C160CC	313104C160CD	313104C160CE	\$ 321.70
4D	100	5.22 - 5.62	133 - 143	8	200	313104D080CB	313104D080CC	313104D080CD	313104D080CE	\$ 215.30
				10	250	313104D100CB	313104D100CC	313104D100CD	313104D100CE	\$ 263.10
				12	300	313104D120CB	313104D120CC	313104D120CD	313104D120CE	\$ 296.00
				16	400	313104D160CB	313104D160CC	313104D160CD	313104D160CE	\$ 321.70
6A	150	5.95 - 6.35	151 - 161	8	200	313106A080CB	313106A080CC	313106A080CD	313106A080CE	\$ 234.90
				10	250	313106A100CB	313106A100CC	313106A100CD	313106A100CE	\$ 300.90
				12	300	313106A120CB	313106A120CC	313106A120CD	313106A120CE	\$ 344.00
				16	400	313106A160CB	313106A160CC	313106A160CD	313106A160CE	\$ 372.50
6B	150	6.56 - 6.96	167 - 177	8	200	313106B080CB	313106B080CC	313106B080CD	313106B080CE	\$ 240.30
				10	250	313106B100CB	313106B100CC	313106B100CD	313106B100CE	\$ 302.50
				12	300	313106B120CB	313106B120CC	313106B120CD	313106B120CE	\$ 346.60
				16	400	313106B160CB	313106B160CC	313106B160CD	313106B160CE	\$ 375.10
6C	150	6.84 - 7.24	174 - 184	8	200	313106C080CB	313106C080CC	313106C080CD	313106C080CE	\$ 240.30
				10	250	313106C100CB	313106C100CC	313106C100CD	313106C100CE	\$ 302.50
				12	300	313106C120CB	313106C120CC	313106C120CD	313106C120CE	\$ 346.60
				16	400	313106C160CB	313106C160CC	313106C160CD	313106C160CE	\$ 375.10
6D	150	7.05 - 7.45	179 - 189	8	200	313106D080CB	313106D080CC	313106D080CD	313106D080CE	\$ 240.30
				10	250	313106D100CB	313106D100CC	313106D100CD	313106D100CE	\$ 302.50
				12	300	313106D120CB	313106D120CC	313106D120CD	313106D120CE	\$ 346.60
				16	400	313106D160CB	313106D160CC	313106D160CD	313106D160CE	\$ 375.10
6E	150	7.45 - 7.85	189 - 199	8	200	313106E080CB	313106E080CC	313106E080CD	313106E080CE	\$ 240.30
				10	250	313106E100CB	313106E100CC	313106E100CD	313106E100CE	\$ 302.50
				12	300	313106E120CB	313106E120CC	313106E120CD	313106E120CE	\$ 346.60
				16	400	313106E160CB	313106E160CC	313106E160CD	313106E160CE	\$ 375.10
8A	200	7.95 - 8.35	202 - 212	8	200	313108A080CB	313108A080CC	313108A080CD	313108A080CE	\$ 268.90
				10	250	313108A100CB	313108A100CC	313108A100CD	313108A100CE	\$ 335.00
				12	300	313108A120CB	313108A120CC	313108A120CD	313108A120CE	\$ 392.00
				16	400	313108A160CB	313108A160CC	313108A160CD	313108A160CE	\$ 439.90
8B	200	8.54 - 8.94	217 - 227	8	200	313108B080CB	313108B080CC	313108B080CD	313108B080CE	\$ 270.20
				10	250	313108B100CB	313108B100CC	313108B100CD	313108B100CE	\$ 336.30
				12	300	313108B120CB	313108B120CC	313108B120CD	313108B120CE	\$ 393.30
				16	400	313108B160CB	313108B160CC	313108B160CD	313108B160CE	\$ 442.50

3131AS ALL STAINLESS SINGLE PANEL TAPPED REPAIR CLAMP (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	313108C080CB	313108C080CC	313108C080CD	313108C080CE	\$ 270.20
				10	250	313108C100CB	313108C100CC	313108C100CD	313108C100CE	\$ 336.30
				12	300	313108C120CB	313108C120CC	313108C120CD	313108C120CE	\$ 393.30
				16	400	313108C160CB	313108C160CC	313108C160CD	313108C160CE	\$ 442.50
8D	200	9.27 - 9.67	235 - 246	8	200	313108D080CB	313108D080CC	313108D080CD	313108D080CE	\$ 270.20
				10	250	313108D100CB	313108D100CC	313108D100CD	313108D100CE	\$ 336.30
				12	300	313108D120CB	313108D120CC	313108D120CD	313108D120CE	\$ 393.30
				16	400	313108D160CB	313108D160CC	313108D160CD	313108D160CE	\$ 442.50
10A	250	9.70 - 10.10	246 - 257	8	200	313110A080CB	313110A080CC	313110A080CD	313110A080CE	\$ 340.20
				10	250	313110A100CB	313110A100CC	313110A100CD	313110A100CE	\$ 425.90
				12	300	313110A120CB	313110A120CC	313110A120CD	313110A120CE	\$ 494.60
				16	400	313110A160CB	313110A160CC	313110A160CD	313110A160CE	\$ 558.10
10B	250	10.64 - 11.04	270 - 280	8	200	313110B080CB	313110B080CC	313110B080CD	313110B080CE	\$ 340.20
				10	250	313110B100CB	313110B100CC	313110B100CD	313110B100CE	\$ 425.90
				12	300	313110B120CB	313110B120CC	313110B120CD	313110B120CE	\$ 494.60
				16	400	313110B160CB	313110B160CC	313110B160CD	313110B160CE	\$ 558.10
10C	250	11.04 - 11.44	280 - 291	8	200	313110C080CB	313110C080CC	313110C080CD	313110C080CE	\$ 340.20
				10	250	313110C100CB	313110C100CC	313110C100CD	313110C100CE	\$ 425.90
				12	300	313110C120CB	313110C120CC	313110C120CD	313110C120CE	\$ 494.60
				16	400	313110C160CB	313110C160CC	313110C160CD	313110C160CE	\$ 558.10
10D	250	11.34 - 11.74	288 - 298	8	200	313110D080CB	313110D080CC	313110D080CD	313110D080CE	\$ 340.20
				10	250	313110D100CB	313110D100CC	313110D100CD	313110D100CE	\$ 425.90
				12	300	313110D120CB	313110D120CC	313110D120CD	313110D120CE	\$ 494.60
				16	400	313110D160CB	313110D160CC	313110D160CD	313110D160CE	\$ 558.10
10E	250	11.75 - 12.15	298 - 309	8	200	313110E080CB	313110E080CC	313110E080CD	313110E080CE	\$ 340.20
				10	250	313110E100CB	313110E100CC	313110E100CD	313110E100CE	\$ 425.90
				12	300	313110E120CB	313110E120CC	313110E120CD	313110E120CE	\$ 494.60
				16	400	313110E160CB	313110E160CC	313110E160CD	313110E160CE	\$ 558.10
12A	300	12.00 - 12.40	305 - 315	8	200	313112A080CB	313112A080CC	313112A080CD	313112C080CE	\$ 377.00
				10	250	313112A100CB	313112A100CC	313112A100CD	313112A100CE	\$ 477.40
				12	300	313112A120CB	313112A120CC	313112A120CD	313112A120CE	\$ 562.30
				16	400	313112A160CB	313112A160CC	313112A160CD	313112A160CE	\$ 626.80
12B	300	12.62 - 13.02	321 - 331	8	200	313112B080CB	313112B080CC	313112B080CD	313112B080CE	\$ 377.00
				10	250	313112B100CB	313112B100CC	313112B100CD	313112B100CE	\$ 477.40
				12	300	313112B120CB	313112B120CC	313112B120CD	313112B120CE	\$ 562.30
				16	400	313112B160CB	313112B160CC	313112B160CD	313112B160CE	\$ 626.80
12C	300	13.10 - 13.50	333 - 343	8	200	313112C080CB	313112C080CC	313112C080CD	313112C080CE	\$ 377.00
				10	250	313112C100CB	313112C100CC	313112C100CD	313112C100CE	\$ 477.40
				12	300	313112C120CB	313112C120CC	313112C120CD	313112C120CE	\$ 562.30
				16	400	313112C160CB	313112C160CC	313112C160CD	313112C160CE	\$ 626.80

3131AS ALL STAINLESS SINGLE PANEL TAPPED REPAIR CLAMP (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	
12D	300	13.40 - 13.80	340 - 351	8	200	313112D080CB	313112D080CC	313112D080CD	313112D080CE	\$ 377.00
				10	250	313112D100CB	313112D100CC	313112D100CD	313112D100CE	\$ 477.40
				12	300	313112D120CB	313112D120CC	313112D120CD	313112D120CE	\$ 562.30
				16	400	313112D160CB	313112D160CC	313112D160CD	313112D160CE	\$ 626.80
12E	300	13.70 - 14.10	348 - 358	8	200	313112E080CB	313112E080CC	313112E080CD	313112E080CE	\$ 377.00
				10	250	313112E100CB	313112E100CC	313112E100CD	313112E100CE	\$ 477.40
				12	300	313112E120CB	313112E120CC	313112E120CD	313112E120CE	\$ 562.30
				16	400	313112E160CB	313112E160CC	313112E160CD	313112E160CE	\$ 626.80
12F	300	14.00 - 14.40	356 - 366	8	200	313112F080CB	313112F080CC	313112F080CD	313112F080CE	\$ 377.00
				10	250	313112F100CB	313112F100CC	313112F100CD	313112F100CE	\$ 477.40
				12	300	313112F120CB	313112F120CC	313112F120CD	313112F120CE	\$ 562.30
				16	400	313112F160CB	313112F160CC	313112F160CD	313112F160CE	\$ 626.80

HOW TO ORDER: Choose nominal pipe size, width and outlet size with thread configuration. EXAMPLE: 6" C900 O.D. 6.90 OD with 1 CC outlet 12" width. Order 3131AS- 6C X 12 X 1 CC. **Part Number:** 313106C120CD .



COATING OPTION: Anti-Seizing/Galling protection. Available for both Alloy and SST application. Inquire with sales for cost and availability.

3131AS ALL STAINLESS SINGLE PANEL TAPPED REPAIR CLAMP (LARGE OUTLETS)

PANEL & LIFTER BAR: 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 galling.

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

WASHERS: Delrin per ASTM D6778.

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	313104A080CG	313104A080CI	313104A080CF	313104A080CH	\$ 233.30
				10	250	313104A100CG	313104A100CI	313104A100CF	313104A100CH	\$ 283.20
				12	300	313104A120CG	313104A120CI	313104A120CF	313104A120CH	\$ 316.00
				16	400	313104A160CG	313104A160CI	313104A160CF	313104A160CH	\$ 341.80
4B	100	4.74 - 5.14	120 - 131	8	200	313104B080CG	313104B080CI	313104B080CF	313104B080CH	\$ 236.60
				10	250	313104B100CG	313104B100CI	313104B100CF	313104B100CH	\$ 284.50
				12	300	313104B120CG	313104B120CI	313104B120CF	313104B120CH	\$ 317.40
				16	400	313104B160CG	313104B160CI	313104B160CF	313104B160CH	\$ 343.20
4C	100	4.95 - 5.35	126 - 136	8	200	313104C080CG	313104C080CI	313104C080CF	313104C080CH	\$ 236.60
				10	250	313104C100CG	313104C100CI	313104C100CF	313104C100CH	\$ 284.50
				12	300	313104C120CG	313104C120CI	313104C120CF	313104C120CH	\$ 317.40
				16	400	313104C160CG	313104C160CI	313104C160CF	313104C160CH	\$ 343.00
4D	100	5.22 - 5.62	133 - 143	8	200	313104D080CG	313104D080CI	313104D080CF	313104D080CH	\$ 236.60
				10	250	313104D100CG	313104D100CI	313104D100CF	313104D100CH	\$ 284.50
				12	300	313104D120CG	313104D120CI	313104D120CF	313104D120CH	\$ 317.40
				16	400	313104D160CG	313104D160CI	313104D160CF	313104D160CH	\$ 343.00
6A	150	5.95 - 6.35	151 - 161	8	200	313106A080CG	313106A080CI	313106A080CF	313106A080CH	\$ 256.30
				10	250	313106A100CG	313106A100CI	313106A100CF	313106A100CH	\$ 322.30
				12	300	313106A120CG	313106A120CI	313106A120CF	313106A120CH	\$ 365.40
				16	400	313106A160CG	313106A160CI	313106A160CF	313106A160CH	\$ 393.90
6B	150	6.56 - 6.96	167 - 177	8	200	313106B080CG	313106B080CI	313106B080CF	313106B080CH	\$ 256.30
				10	250	313106B100CG	313106B100CI	313106B100CF	313106B100CH	\$ 322.30
				12	300	313106B120CG	313106B120CI	313106B120CF	313106B120CH	\$ 365.40
				16	400	313106B160CG	313106B160CI	313106B160CF	313106B160CH	\$ 393.90
6C	150	6.84 - 7.24	174 - 184	8	200	313106C080CG	313106C080CI	313106C080CF	313106C080CH	\$ 261.70
				10	250	313106C100CG	313106C100CI	313106C100CF	313106C100CH	\$ 323.90
				12	300	313106C120CG	313106C120CI	313106C120CF	313106C120CH	\$ 368.00
				16	400	313106C160CG	313106C160CI	313106C160CF	313106C160CH	\$ 396.50

3131AS ALL STAINLESS SINGLE PANEL TAPPED REPAIR CLAMP (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	313106D080CG	313106D080CI	313106D080CF	313106D080CH	\$ 261.70
				10	250	313106D100CG	313106D100CI	313106D100CF	313106D100CH	\$ 323.90
				12	300	313106D120CG	313106D120CI	313106D120CF	313106D120CH	\$ 368.00
				16	400	313106D160CG	313106D160CI	313106D160CF	313106D160CH	\$ 396.50
6E	150	7.45 - 7.85	189 - 199	8	200	313106E080CG	313106E080CI	313106E080CF	313106E080CH	\$ 261.70
				10	250	313106E100CG	313106E100CI	313106E100CF	313106E100CH	\$ 323.90
				12	300	313106E120CG	313106E120CI	313106E120CF	313106E120CH	\$ 368.00
				16	400	313106E160CG	313106E160CI	313106E160CF	313106E160CH	\$ 396.50
8A	200	7.95 - 8.35	202 - 212	8	200	313108A080CG	313108A080CI	313108A080CF	313108A080CH	\$ 290.20
				10	250	313108A100CG	313108A100CI	313108A100CF	313108A100CH	\$ 356.30
				12	300	313108A120CG	313108A120CI	313108A120CF	313108A120CH	\$ 413.40
				16	400	313108A160CG	313108A160CI	313108A160CF	313108A160CH	\$ 461.30
8B	200	8.54 - 8.94	217 - 227	8	200	313108B080CG	313108B080CI	313108B080CF	313108B080CH	\$ 291.60
				10	250	313108B100CG	313108B100CI	313108B100CF	313108B100CH	\$ 357.60
				12	300	313108B120CG	313108B120CI	313108B120CF	313108B120CH	\$ 414.60
				16	400	313108B160CG	313108B160CI	313108B160CF	313108B160CH	\$ 463.90
8C	200	8.99 - 9.39	228 - 239	8	200	313108C080CG	313108C080CI	313108C080CF	313108C080CH	\$ 291.60
				10	250	313108C100CG	313108C100CI	313108C100CF	313108C100CH	\$ 357.60
				12	300	313108C120CG	313108C120CI	313108C120CF	313108C120CH	\$ 414.60
				16	400	313108C160CG	313108C160CI	313108C160CF	313108C160CH	\$ 463.90
8D	200	9.27 - 9.67	235 - 246	8	200	313108D080CG	313108D080CI	313108D080CF	313108D080CH	\$ 291.60
				10	250	313108D100CG	313108D100CI	313108D100CF	313108D100CH	\$ 357.60
				12	300	313108D120CG	313108D120CI	313108D120CF	313108D120CH	\$ 414.60
				16	400	313108D160CG	313108D160CI	313108D160CF	313108D160CH	\$ 463.90
10A	250	9.70 - 10.10	246 - 257	8	200	313110A080CG	313110A080CI	313110A080CF	313110A080CH	\$ 358.00
				10	250	313110A100CG	313110A100CI	313110A100CF	313110A100CH	\$ 443.70
				12	300	313110A120CG	313110A120CI	313110A120CF	313110A120CH	\$ 512.40
				16	400	313110A160CG	313110A160CI	313110A160CF	313110A160CH	\$ 575.90
10B	250	10.64 - 11.04	270 - 280	8	200	313110B080CG	313110B080CI	313110B080CF	313110B080CH	\$ 358.00
				10	250	313110B100CG	313110B100CI	313110B100CF	313110B100CH	\$ 443.70
				12	300	313110B120CG	313110B120CI	313110B120CF	313110B120CH	\$ 512.40
				16	400	313110B160CG	313110B160CI	313110B160CF	313110B160CH	\$ 575.90
10C	250	11.04 - 11.44	280 - 291	8	200	313110C080CG	313110C080CI	313110C080CF	313110C080CH	\$ 358.00
				10	250	313110C100CG	313110C100CI	313110C100CF	313110C100CH	\$ 443.70
				12	300	313110C120CG	313110C120CI	313110C120CF	313110C120CH	\$ 512.40
				16	400	313110C160CG	313110C160CI	313110C160CF	313110C160CH	\$ 575.90
10D	250	11.34 - 11.74	288 - 298	8	200	313110D080CG	313110D080CI	313110D080CF	313110D080CH	\$ 358.00
				10	250	313110D100CG	313110D100CI	313110D100CF	313110D100CH	\$ 443.70
				12	300	313110D120CG	313110D120CI	313110D120CF	313110D120CH	\$ 512.40
				16	400	313110D160CG	313110D160CI	313110D160CF	313110D160CH	\$ 575.90

3131AS ALL STAINLESS SINGLE PANEL TAPPED REPAIR CLAMP (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	313110E080CG	313110E080CI	313110E080CF	313110E080CH	\$ 358.00
				10	250	313110E100CG	313110E100CI	313110E100CF	313110E100CH	\$ 443.70
				12	300	313110E120CG	313110E120CI	313110E120CF	313110E120CH	\$ 512.40
				16	400	313110E160CG	313110E160CI	313110E160CF	313110E160CH	\$ 575.90
12A	300	12.00 - 12.40	305 - 315	8	200	313112A080CG	313112A080CI	313112A080CF	313112A080CH	\$ 394.80
				10	250	313112A100CG	313112A100CI	313112A100CF	313112A100CH	\$ 495.20
				12	300	313112A120CG	313112A120CI	313112A120CF	313112A120CH	\$ 580.10
				16	400	313112A160CG	313112A160CI	313112A160CF	313112A160CH	\$ 644.60
12B	300	12.62 - 13.02	321 - 331	8	200	313112B080CG	313112B080CI	313112B080CF	313112B080CH	\$ 394.80
				10	250	313112B100CG	313112B100CI	313112B100CF	313112B100CH	\$ 495.20
				12	300	313112B120CG	313112B120CI	313112B120CF	313112B120CH	\$ 580.10
				16	400	313112B160CG	313112B160CI	313112B160CF	313112B160CH	\$ 644.60
12C	300	13.10 - 13.50	333 - 343	8	200	313112C080CG	313112C080CI	313112C080CF	313112C080CH	\$ 394.80
				10	250	313112C100CG	313112C100CI	313112C100CF	313112C100CH	\$ 495.20
				12	300	313112C120CG	313112C120CI	313112C120CF	313112C120CH	\$ 580.10
				16	400	313112C160CG	313112C160CI	313112C160CF	313112C160CH	\$ 644.60
12D	300	13.40 - 13.80	340 - 351	8	200	313112D080CG	313112D080CI	313112D080CF	313112D080CH	\$ 394.80
				10	250	313112D100CG	313112D100CI	313112D100CF	313112D100CH	\$ 495.20
				12	300	313112D120CG	313112D120CI	313112D120CF	313112D120CH	\$ 580.10
				16	400	313112D160CG	313112D160CI	313112D160CF	313112D160CH	\$ 644.60
12E	300	13.70 - 14.10	348 - 358	8	200	313112E080CG	313112E080CI	313112E080CF	313112E080CH	\$ 394.80
				10	250	313112E100CG	313112E100CI	313112E100CF	313112E100CH	\$ 495.20
				12	300	313112E120CG	313112E120CI	313112E120CF	313112E120CH	\$ 580.10
				16	400	313112E160CG	313112E160CI	313112E160CF	313112E160CH	\$ 644.60
12F	300	14.00 - 14.40	356 - 366	8	200	313112F080CG	313112F080CI	313112F080CF	313112F080CH	\$ 394.80
				10	250	313112F100CG	313112F100CI	313112F100CF	313112F100CH	\$ 495.20
				12	300	313112F120CG	313112F120CI	313112F120CF	313112F120CH	\$ 580.10
				16	400	313112F160CG	313112F160CI	313112F160CF	313112F160CH	\$ 644.60

HOW TO ORDER: Choose nominal pipe size, width and outlet size with thread configuration. EXAMPLE: 6" C900 O.D. 6.90 OD with 2 NPT outlet 16" width. Order 3131AS- 6C X 16X 2 NPT. **Part Number:**313106C160CK .

3131AS ALL STAINLESS SINGLE PANEL TAPPED REPAIR CLAMP (LARGE OUTLETS)

PANEL & LIFTER BAR: 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 galling.

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

WASHERS: Delrin per ASTM D6778.

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



Nominal Pipe Size		Pipe OD Range		Width		Price List	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	\$ 233.30	313104A080CJ	313104A080CK	\$ 253.60
				10	250	\$ 283.20	313104A100CJ	313104A100CK	\$ 303.50
				12	300	\$ 316.00	313104A120CJ	313104A120CK	\$ 336.40
				16	400	\$ 341.80	313104A160CJ	313104A160CK	\$ 362.10
4B	100	4.74 - 5.14	120 - 131	8	200	\$ 236.60	313104B080CJ	313104B080CK	\$ 256.90
				10	250	\$ 284.50	313104B100CJ	313104B100CK	\$ 304.80
				12	300	\$ 317.40	313104B120CJ	313104B120CK	\$ 337.70
				16	400	\$ 343.20	313104B160CJ	313104B160CK	\$ 363.40
4C	100	4.95 - 5.35	126 - 136	8	200	\$ 236.60	313104C080CJ	313104C080CK	\$ 256.90
				10	250	\$ 284.50	313104C100CJ	313104C100CK	\$ 304.80
				12	300	\$ 317.40	313104C120CJ	313104C120CK	\$ 337.70
				16	400	\$ 343.00	313104C160CJ	313104C160CK	\$ 363.40
4D	100	5.22 - 5.62	133 - 143	8	200	\$ 236.60	313104D080CJ	313104D080CK	\$ 256.90
				10	250	\$ 284.50	313104D100CJ	313104D100CK	\$ 304.80
				12	300	\$ 317.40	313104D120CJ	313104D120CK	\$ 337.70
				16	400	\$ 343.00	313104D160CJ	313104D160CK	\$ 363.40
6A	150	5.95 - 6.35	151 - 161	8	200	\$ 256.30	313106A080CJ	313106A080CK	\$ 276.60
				10	250	\$ 322.30	313106A100CJ	313106A100CK	\$ 342.60
				12	300	\$ 365.40	313106A120CJ	313106A120CK	\$ 385.70
				16	400	\$ 393.90	313106A160CJ	313106A160CK	\$ 414.20
6B	150	6.56 - 6.96	167 - 177	8	200	\$ 256.30	313106B080CJ	313106B080CK	\$ 276.60
				10	250	\$ 322.30	313106B100CJ	313106B100CK	\$ 342.60
				12	300	\$ 365.40	313106B120CJ	313106B120CK	\$ 385.70
				16	400	\$ 393.90	313106B160CJ	313106B160CK	\$ 414.20
6C	150	6.84 - 7.24	174 - 184	8	200	\$ 261.70	313106C080CJ	313106C080CK	\$ 282.00
				10	250	\$ 323.90	313106C100CJ	313106C100CK	\$ 344.20
				12	300	\$ 368.00	313106C120CJ	313106C120CK	\$ 388.30
				16	400	\$ 396.50	313106C160CJ	313106C160CK	\$ 416.80

3131AS ALL STAINLESS SINGLE PANEL TAPPED REPAIR CLAMP (LARGE OUTLETS)

Nominal Pipe Size		Pipe OD Range		Width		Price List	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	\$ 261.70	313106D080CJ	313106D080CK	\$ 282.00
				10	250	\$ 323.90	313106D100CJ	313106D100CK	\$ 344.20
				12	300	\$ 368.00	313106D120CJ	313106D120CK	\$ 388.30
				16	400	\$ 396.50	313106D160CJ	313106D160CK	\$ 416.80
6E	150	7.45 - 7.85	189 - 199	8	200	\$ 261.70	313106E080CJ	313106E080CK	\$ 282.00
				10	250	\$ 323.90	313106E100CJ	313106E100CK	\$ 344.20
				12	300	\$ 368.00	313106E120CJ	313106E120CK	\$ 388.30
				16	400	\$ 396.50	313106E160CJ	313106E160CK	\$ 416.80
8A	200	7.95 - 8.35	202 - 212	8	200	\$ 290.20	313108A080CJ	313108A080CK	\$ 310.50
				10	250	\$ 356.30	313108A100CJ	313108A100CK	\$ 376.60
				12	300	\$ 413.40	313108A120CJ	313108A120CK	\$ 433.70
				16	400	\$ 461.30	313108A160CJ	313108A160CK	\$ 481.60
8B	200	8.54 - 8.94	217 - 227	8	200	\$ 291.60	313108B080CJ	313108B080CK	\$ 311.90
				10	250	\$ 357.60	313108B100CJ	313108B100CK	\$ 377.90
				12	300	\$ 414.60	313108B120CJ	313108B120CK	\$ 434.90
				16	400	\$ 463.90	313108B160CJ	313108B160CK	\$ 484.20
8C	200	8.99 - 9.39	228 - 239	8	200	\$ 291.60	313108C080CJ	313108C080CK	\$ 311.90
				10	250	\$ 357.60	313108C100CJ	313108C100CK	\$ 377.90
				12	300	\$ 414.60	313108C120CJ	313108C120CK	\$ 434.90
				16	400	\$ 463.90	313108C160CJ	313108C160CK	\$ 484.20
8D	200	9.27 - 9.67	235 - 246	8	200	\$ 291.60	313108D080CJ	313108D080CK	\$ 311.90
				10	250	\$ 357.60	313108D100CJ	313108D100CK	\$ 377.90
				12	300	\$ 414.60	313108D120CJ	313108D120CK	\$ 434.90
				16	400	\$ 463.90	313108D160CJ	313108D160CK	\$ 484.20
10A	250	9.70 - 10.10	246 - 257	8	200	\$ 358.00	313110A080CJ	313110A080CK	\$ 376.10
				10	250	\$ 443.70	313110A100CJ	313110A100CK	\$ 461.80
				12	300	\$ 512.40	313110A120CJ	313110A120CK	\$ 530.50
				16	400	\$ 575.90	313110A160CJ	313110A160CK	\$ 594.00
10B	250	10.64 - 11.04	270 - 280	8	200	\$ 358.00	313110B080CJ	313110B080CK	\$ 376.10
				10	250	\$ 443.70	313110B100CJ	313110B100CK	\$ 461.80
				12	300	\$ 512.40	313110B120CJ	313110B120CK	\$ 530.50
				16	400	\$ 575.90	313110B160CJ	313110B160CK	\$ 594.00
10C	250	11.04 - 11.44	280 - 291	8	200	\$ 358.00	313110C080CJ	313110C080CK	\$ 376.10
				10	250	\$ 443.70	313110C100CJ	313110C100CK	\$ 461.80
				12	300	\$ 512.40	313110C120CJ	313110C120CK	\$ 530.50
				16	400	\$ 575.90	313110C160CJ	313110C160CK	\$ 594.00
10D	250	11.34 - 11.74	288 - 298	8	200	\$ 358.00	313110D080CJ	313110D080CK	\$ 376.10
				10	250	\$ 443.70	313110D100CJ	313110D100CK	\$ 461.80
				12	300	\$ 512.40	313110D120CJ	313110D120CK	\$ 530.50
				16	400	\$ 575.90	313110D160CJ	313110D160CK	\$ 594.00

3131AS ALL STAINLESS SINGLE PANEL TAPPED REPAIR CLAMP (LARGE OUTLETS)

Nominal Pipe Size		Pipe OD Range		Width		Price List	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	\$ 358.00	313110E080CJ	313110E080CK	\$ 376.10
				10	250	\$ 443.70	313110E100CJ	313110E100CK	\$ 461.80
				12	300	\$ 512.40	313110E120CJ	313110E120CK	\$ 530.50
				16	400	\$ 575.90	313110E160CJ	313110E160CK	\$ 594.00
12A	300	12.00 - 12.40	305 - 315	8	200	\$ 394.80	313112A080CJ	313112A080CK	\$ 412.90
				10	250	\$ 495.20	313112A100CJ	313112A100CK	\$ 513.30
				12	300	\$ 580.10	313112A120CJ	313112A120CK	\$ 598.20
				16	400	\$ 644.60	313112A160CJ	313112A160CK	\$ 662.70
12B	300	12.62 - 13.02	321 - 331	8	200	\$ 394.80	313112B080CJ	313112B080CK	\$ 412.90
				10	250	\$ 495.20	313112B100CJ	313112B100CK	\$ 513.30
				12	300	\$ 580.10	313112B120CJ	313112B120CK	\$ 598.20
				16	400	\$ 644.60	313112B160CJ	313112B160CK	\$ 662.70
12C	300	13.10 - 13.50	333 - 343	8	200	\$ 394.80	313112C080CJ	313112C080CK	\$ 412.90
				10	250	\$ 495.20	313112C100CJ	313112C100CK	\$ 513.30
				12	300	\$ 580.10	313112C120CJ	313112C120CK	\$ 598.20
				16	400	\$ 644.60	313112C160CJ	313112C160CK	\$ 662.70
12D	300	13.40 - 13.80	340 - 351	8	200	\$ 394.80	313112D080CJ	313112D080CK	\$ 412.90
				10	250	\$ 495.20	313112D100CJ	313112D100CK	\$ 513.30
				12	300	\$ 580.10	313112D120CJ	313112D120CK	\$ 598.20
				16	400	\$ 644.60	313112D160CJ	313112D160CK	\$ 662.70
12E	300	13.70 - 14.10	348 - 358	8	200	\$ 394.80	313112E080CJ	313112E080CK	\$ 412.90
				10	250	\$ 495.20	313112E100CJ	313112E100CK	\$ 513.30
				12	300	\$ 580.10	313112E120CJ	313112E120CK	\$ 598.20
				16	400	\$ 644.60	313112E160CJ	313112E160CK	\$ 662.70
12F	300	14.00 - 14.40	356 - 366	8	200	\$ 394.80	313112F080CJ	313112F080CK	\$ 412.90
				10	250	\$ 495.20	313112F100CJ	313112F100CK	\$ 513.30
				12	300	\$ 580.10	313112F120CJ	313112F120CK	\$ 598.20
				16	400	\$ 644.60	313112F160CJ	313112F160CK	\$ 662.70

HOW TO ORDER: Choose nominal pipe size, width and outlet size with thread configuration. EXAMPLE: 6" C900 O.D. 6.90 OD with 2 NPT outlet 16" width. Order 3131AS- 6C X 16X 2 NPT. **Part Number:**313106C160CK .

3132AS ALL STAINLESS DOUBLE PANEL TAPPED REPAIR CLAMP (SMALL OUTLETS)

PANEL & LIFTER BAR: 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: Low Alloy Steel per ASTM A325, ASTM A563, and AWWA C111.

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

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	
3	75	3.49-4.29	89-109	8	200	3132030080CB	3132030080CC	3132030080CD	3132030080CE	\$ 262.80
				10	250	3132030100CB	3132030100CC	3132030100CD	3132030100CE	\$ 328.20
				12	300	3132030120CB	3132030120CC	3132030120CD	3132030120CE	\$ 391.30
				16	400	3132030160CB	3132030160CC	3132030160CD	3132030160CE	\$ 429.90
4A	100	4.44 - 5.24	113-133	8	200	313204A080CB	313204A080CC	313204A080CD	313204A080CE	\$ 294.00
				10	250	313204A100CB	313204A100CC	313204A100CD	313204A100CE	\$ 368.30
				12	300	313204A120CB	313204A120CC	313204A120CD	313204A120CE	\$ 424.30
				16	400	313204A160CB	313204A160CC	313204A160CD	313204A160CE	\$ 494.80
4B	100	4.74 - 5.57	120-141	8	200	313204B080CB	313204B080CC	313204B080CD	313204B080CE	\$ 294.00
				10	250	313204B100CB	313204B100CC	313204B100CD	313204B100CE	\$ 368.30
				12	300	313204B120CB	313204B120CC	313204B120CD	313204B120CE	\$ 424.30
				16	400	313204B160CB	313204B160CC	313204B160CD	313204B160CE	\$ 494.80
6A	150	6.62 - 7.42	168-188	8	200	313206A080CB	313206A080CC	313206A080CD	313206A080CE	\$ 330.30
				10	250	313206A100CB	313206A100CC	313206A100CD	313206A100CE	\$ 406.60
				12	300	313206A120CB	313206A120CC	313206A120CD	313206A120CE	\$ 462.00
				16	400	313206A160CB	313206A160CC	313206A160CD	313206A160CE	\$ 567.80
6B	150	6.84 - 7.64	174-194	8	200	313206B080CB	313206B080CC	313206B080CD	313206B080CE	\$ 333.60
				10	250	313206B100CB	313206B100CC	313206B100CD	313206B100CE	\$ 409.10
				12	300	313206B120CB	313206B120CC	313206B120CD	313206B120CE	\$ 464.60
				16	400	313206B160CB	313206B160CC	313206B160CD	313206B160CE	\$ 571.60
8A	200	8.62 - 9.42	219-239	8	200	313208A080CB	313208A080CC	313208A080CD	313208A080CE	\$ 368.10
				10	250	313208A100CB	313208A100CC	313208A100CD	313208A100CE	\$ 444.40
				12	300	313208A120CB	313208A120CC	313208A120CD	313208A120CE	\$ 507.30
				16	400	313208A160CB	313208A160CC	313208A160CD	313208A160CE	\$ 640.80
8B	200	8.99 - 9.79	228-249	8	200	313208B080CB	313208B080CC	313208B080CD	313208B080CE	\$ 371.00
				10	250	313208B100CB	313208B100CC	313208B100CD	313208B100CE	\$ 446.90
				12	300	313208B120CB	313208B120CC	313208B120CD	313208B120CE	\$ 509.90
				16	400	313208B160CB	313208B160CC	313208B160CD	313208B160CE	\$ 643.40

3132AS ALL STAINLESS DOUBLE PANEL TAPPED REPAIR CLAMP (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	
10A	250	10.75 - 11.55	273-293	8	200	313210A080CB	312310A080CC	313210A080CD	313210A080CE	\$ 467.20
				10	250	313210A100CB	312310A100CC	313210A100CD	313210A100CE	\$ 562.80
				12	300	313210A120CB	313210A120CC	313210A120CD	313210A120CE	\$ 672.30
				16	400	313210A160CB	313210A160CC	313210A160CD	313210A160CE	\$ 781.90
10B	250	11.10 - 11.90	282-302	8	200	313210B080CB	313210B080CC	313210B080CD	313210B080CE	\$ 471.10
				10	250	313210B100CB	313210B100CC	313210B100CD	313210B100CE	\$ 565.30
				12	300	313210B120CB	313210B120CC	313210B120CD	313210B120CE	\$ 674.80
				16	400	313210B160CB	313210B160CC	313210B160CD	313210B160CE	\$ 784.30
10D	250	11.60 - 12.40	295-315	8	200	313210D080CB	313210D080CC	313210D080CD	313210D080CE	\$ 471.10
				10	250	313210D100CB	313210D100CC	313210D100CD	313210D100CE	\$ 565.30
				12	300	313210D120CB	313210D120CC	313210D120CD	313210D120CE	\$ 674.80
				16	400	313210D160CB	313210D160CC	313210D160CD	313210D160CE	\$ 784.30
12A	300	12.75 - 13.55	324-344	8	200	313212A080CB	313212A080CC	313212A080CD	313212A080CE	POA
				10	250	313212A100CB	313212A100CC	313212A100CD	313212A100CE	\$ 635.80
				12	300	313212A120CB	313212A120CC	313212A120CD	313212A120CE	\$ 760.50
				16	400	313212A160CB	313212A160CC	313212A160CD	313212A160CE	\$ 885.10
12B	300	13.20 - 14.00	335-356	8	200	313212B080CB	313212B080CC	313212B080CD	313212B080CE	POA
				10	250	313212B100CB	313212B100CC	313212B100CD	313212B100CE	\$ 638.30
				12	300	313212B120CB	313212B120CC	313212B120CD	313212B120CE	\$ 763.00
				16	400	313212B160CB	313212B160CC	313212B160CD	313212B160CE	\$ 887.60
12D	300	13.65 - 14.45	347-367	8	200	313212D080CB	313212D080CC	313212D080CD	313212D080CE	POA
				10	250	313212D100CB	313212D100CC	313212D100CD	313212D100CE	\$ 638.30
				12	300	313212D120CB	313212D120CC	313212D120CD	313212D120CE	\$ 763.00
				16	400	313212D160CB	313212D160CC	313212D160CD	313212D160CE	\$ 887.60
14A	350	14.38 - 15.13	365-384	8	200	313214A080CB	313214A080CC	313214A080CD	313214A080CE	POA
				10	250	313214A100CB	313214A100CC	313214A100CD	313214A100CE	\$ 819.80
				12	300	313214A120CB	313214A120CC	313214A120CD	313214A120CE	\$ 1,040.60
				16	400	313214A160CB	313214A160CC	313214A160CD	313214A160CE	\$ 1,152.60
14B	350	15.07 - 15.82	383-402	8	200	313214B080CB	313214B080CC	313214B080CD	313214B080CE	POA
				10	250	313214B100CB	313214B100CC	313214B100CD	313214B100CE	\$ 819.80
				12	300	313214B120CB	313214B120CC	313214B120CD	313214B120CE	\$ 1,040.60
				16	400	313214B160CB	313214B160CC	313214B160CD	313214B160CE	\$ 1,152.60
16A	400	15.92 - 16.67	404-423	8	200	313216A080CB	313216A080CC	313216A080CD	313216A080CE	POA
				10	250	313216A100CB	313216A100CC	313216A100CD	313216A100CE	\$ 1,011.80
				12	300	313216A120CB	313216A120CC	313216A120CD	313216A120CE	\$ 1,285.00
				16	400	313216A160CB	313216A160CC	313216A160CD	313216A160CE	\$ 1,394.80
16B	400	16.56 - 17.31	421-440	8	200	313216B080CB	313216B080CC	313216B080CD	313216B080CE	POA
				10	250	313216B100CB	313216B100CC	313216B100CD	313216B100CE	\$ 1,011.80
				12	300	313216B120CB	313216B120CC	313216B120CD	313216B120CE	\$ 1,285.00
				16	400	313216B160CB	313216B160CC	313216B160CD	313216B160CE	\$ 1,394.80

3132AS ALL STAINLESS DOUBLE PANEL TAPPED REPAIR CLAMP (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	
16C	400	17.15 - 17.90	436-455	8	200	313216C080CB	313216C080CC	313216C080CD	313216C080CE	POA
				10	250	313216C100CB	313216C100CC	313216C100CD	313216C100CE	\$ 1,011.80
				12	300	313216C120CB	313216C120CC	313216C120CD	313216C120CE	\$ 1,285.00
				16	400	313216C160CB	313216C160CC	313216C160CD	313216C160CE	\$ 1,394.80
18A	450	17.82 - 18.57	453-472	8	200	313218A080CB	313218A080CC	313218A080CD	313218A080CE	POA
				10	250	313218A100CB	313218A100CC	313218A100CD	313218A100CE	POA
				12	300	313218A120CB	313218A120CC	313218A120CD	313218A120CE	\$ 1,433.50
				16	400	313218A160CB	313218A160CC	313218A160CD	313218A160CE	\$ 1,555.90
18B	450	18.46 - 19.21	469-488	8	200	313218B080CB	313218B080CC	313218B080CD	313218B080CE	POA
				10	250	313218B100CB	313218B100CC	313218B100CD	313218B100CE	POA
				12	300	313218B120CB	313218B120CC	313218B120CD	313218B120CE	\$ 1,433.50
				16	400	313218B160CB	313218B160CC	313218B160CD	313218B160CE	\$ 1,555.90
18C	450	19.23 - 19.98	488-507	8	200	313218C080CB	313218C080CC	313218C080CD	313218C080CE	POA
				10	250	313218C100CB	313218C100CC	313218C100CD	313218C100CE	POA
				12	300	313218C120CB	313218C120CC	313218C120CD	313218C120CE	\$ 1,433.50
				16	400	313218C160CB	313218C160CC	313218C160CD	313218C160CE	\$ 1,555.90
20A	500	19.90 - 20.65	505-525	8	200	313220A080CB	313220A080CC	313220A080CD	313220A080CE	POA
				10	250	313220A100CB	313220A100CC	313220A100CD	313220A100CE	POA
				12	300	313220A120CB	313220A120CC	313220A120CD	313220A120CE	POA
				16	400	313220A160CB	313220A160CC	313220A160CD	313220A160CE	\$ 2,447.20
20B	500	20.70 - 21.45	526-545	8	200	313220B080CB	313220B080CC	313220B080CD	313220B080CE	POA
				10	250	313220B100CB	313220B100CC	313220B100CD	313220B100CE	POA
				12	300	313220B120CB	313220B120CC	313220B120CD	313220B120CE	POA
				16	400	313220B160CB	313220B160CC	313220B160CD	313220B160CE	\$ 2,447.20
22A	550	21.52 - 22.27	547-566	8	200	313222A080CB	313222A080CC	313222A080CD	313222A080CE	POA
				10	250	313222A100CB	313222A100CC	313222A100CD	313222A100CE	POA
				12	300	313222A120CB	313222A120CC	313222A120CD	313222A120CE	POA
				16	400	313222A160CB	313222A160CC	313222A160CD	313222A160CE	\$ 2,517.70
22B	550	22.12 - 22.87	562-581	8	200	313222B080CB	313222B080CC	313222B080CD	313222B080CE	POA
				10	250	313222B100CB	313222B100CC	313222B100CD	313222B100CE	POA
				12	300	313222B120CB	313222B120CC	313222B120CD	313222B120CE	POA
				16	400	313222B160CB	313222B160CC	313222B160CD	313222B160CE	\$ 2,517.70
22C	550	22.90 - 23.65	582-601	8	200	313222C080CB	313222C080CC	313222C080CD	313222C080CE	POA
				10	250	313222C100CB	313222C100CC	313222C100CD	313222C100CE	POA
				12	300	313222C120CB	313222C120CC	313222C120CD	313222C120CE	POA
				16	400	313222C160CB	313222C160CC	313222C160CD	313222C160CE	\$ 2,517.70

HOW TO ORDER: Choose nominal pipe size, width and outlet size with thread configuration. EXAMPLE: 8" DIP O.D. 9.05, 12" wide with a 1" CC outlet. Order 3132AS- 8B x 12 X 1 CC. **Part Number:** 313208B120CD.

3132AS ALL STAINLESS DOUBLE PANEL TAPPED REPAIR CLAMP (LARGE OUTLETS)

PANEL & LIFTER BAR: 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: Low Alloy Steel per ASTM A325, ASTM A563, and AWWA C111.

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

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	4.44 - 5.24	113-133	8	200	313204A080CG	313204A080CI	313204A080CF	313204A080CH	\$ 315.30
				10	250	313204A100CG	313204A100CI	313204A100CF	313204A100CH	\$ 389.70
				12	300	313204A120CG	313204A120CI	313204A120CF	313204A120CH	\$ 445.60
				16	400	313204A160CG	313204A160CI	313204A160CF	313204A160CH	\$ 516.10
4B	100	4.74 - 5.57	120-141	8	200	313204B080CG	313204B080CI	313204B080CF	313204B080CH	\$ 315.30
				10	250	313204B100CG	313204B100CI	313204B100CF	313204B100CH	\$ 389.70
				12	300	313204B120CG	313204B120CI	313204B120CF	313204B120CH	\$ 445.60
				16	400	313204B160CG	313204B160CI	313204B160CF	313204B160CH	\$ 516.10
6A	150	6.62 - 7.42	168-188	8	200	313206A080CG	313206A080CI	313206A080CF	313206A080CH	\$ 352.00
				10	250	313206A100CG	313206A100CI	313206A100CF	313206A100CH	\$ 428.00
				12	300	313206A120CG	313206A120CI	313206A120CF	313206A120CH	\$ 483.40
				16	400	313206A160CG	313206A160CI	313206A160CF	313206A160CH	\$ 589.20
6B	150	6.84 - 7.64	174-194	8	200	313206B080CG	313206B080CI	313206B080CF	313206B080CH	\$ 354.60
				10	250	313206B100CG	313206B100CI	313206B100CF	313206B100CH	\$ 430.50
				12	300	313206B120CG	313206B120CI	313206B120CF	313206B120CH	\$ 485.90
				16	400	313206B160CG	313206B160CI	313206B160CF	313206B160CH	\$ 592.90
8A	200	8.62 - 9.42	219-239	8	200	313208A080CG	313208A080CI	313208A080CF	313208A080CH	\$ 390.00
				10	250	313208A100CG	313208A100CI	313208A100CF	313208A100CH	\$ 465.70
				12	300	313208A120CG	313208A120CI	313208A120CF	313208A120CH	\$ 528.70
				16	400	313208A160CG	313208A160CI	313208A160CF	313208A160CH	\$ 662.20
8B	200	8.99 - 9.79	228-249	8	200	313208B080CG	313208B080CI	313208B080CF	313208B080CH	\$ 392.00
				10	250	313208B100CG	313208B100CI	313208B100CF	313208B100CH	\$ 468.30
				12	300	313208B120CG	313208B120CI	313208B120CF	313208B120CH	\$ 531.20
				16	400	313208B160CG	313208B160CI	313208B160CF	313208B160CH	\$ 664.70
10A	250	10.75 - 11.55	273-293	8	200	313210A080CG	313210A080CI	313210A080CF	313210A080CH	\$ 488.90
				10	250	313210A100CG	313210A100CI	313210A100CF	313210A100CH	\$ 584.10
				12	300	313210A120CG	313210A120CI	313210A120CF	313210A120CH	\$ 693.70
				16	400	313210A160CG	313210A160CI	313210A160CF	313210A160CH	\$ 803.20
10B	250	11.10 - 11.90	282-302	8	200	313210B080CG	313210B080CI	313210B080CF	313210B080CH	\$ 493.00
				10	250	313210B100CG	313210B100CI	313210B100CF	313210B100CH	\$ 586.70
				12	300	313210B120CG	313210B120CI	313210B120CF	313210B120CH	\$ 696.20
				16	400	313210B160CG	313210B160CI	313210B160CF	313210B160CH	\$ 806.00

3132AS ALL STAINLESS DOUBLE PANEL TAPPED REPAIR CLAMP (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	
10D	250	11.60 - 12.40	295-315	8	200	313210D080CG	313210D080CI	313210D080CF	313210D080CH	\$ 806.00
				10	250	313210D100CG	313210D100CI	313210D100CF	313210D100CH	\$ 586.70
				12	300	313210D120CG	313210D120CI	313210D120CF	313210D120CH	\$ 696.20
				16	400	313210D160CG	313210D160CI	313210D160CF	313210D160CH	\$ 806.00
12A	300	12.75 - 13.55	324-344	8	200	313212A080CG	313212A080CI	313212A080CF	313212A080CH	POA
				10	250	313212A100CG	313212A100CI	313212A100CF	313212A100CH	\$ 657.20
				12	300	313212A120CG	313212A120CI	313212A120CF	313212A120CH	\$ 781.80
				16	400	313212A160CG	313212A160CI	313212A160CF	313212A160CH	\$ 906.50
12B	300	13.20 - 14.00	335-356	8	200	313212B080CG	313212B080CI	313212B080CF	313212B080CH	POA
				10	250	313212B100CG	313212B100CI	313212B100CF	313212B100CH	\$ 659.70
				12	300	313212B120CG	313212B120CI	313212B120CF	313212B120CH	\$ 784.30
				16	400	313212B160CG	313212B160CI	313212B160CF	313212B160CH	\$ 909.00
12D	300	13.65 - 14.45	347-367	8	200	313212D080CG	313212D080CI	313212D080CF	313212D080CH	POA
				10	250	313212D100CG	313212D100CI	313212D100CF	313212D100CH	\$ 659.70
				12	300	313212D120CG	313212D120CI	313212D120CF	313212D120CH	\$ 784.30
				16	400	313212D160CG	313212D160CI	313212D160CF	313212D160CH	\$ 909.00
14A	350	14.38 - 15.13	365-384	8	200	313214A080CG	313214A080CI	313214A080CF	313214A080CH	POA
				10	250	313214A100CG	313214A100CI	313214A100CF	313214A100CH	\$ 904.50
				12	300	313214A120CG	313214A120CI	313214A120CF	313214A120CH	\$ 1,125.30
				16	400	313214A160CG	313214A160CI	313214A160CF	313214A160CH	\$ 1,237.30
14B	350	15.07 - 15.82	383-402	8	200	313214B080CG	313214B080CI	313214B080CF	313214B080CH	POA
				10	250	313214B100CG	313214B100CI	313214B100CF	313214B100CH	\$ 819.80
				12	300	313214B120CG	313214B120CI	313214B120CF	313214B120CH	\$ 1,040.60
				16	400	313214B160CG	313214B160CI	313214B160CF	313214B160CH	\$ 1,152.60
16A	400	15.92 - 16.67	404-423	8	200	313216A080CG	313216A080CI	313216A080CF	313216A080CH	POA
				10	250	313216A100CG	313216A100CI	313216A100CF	313216A100CH	\$ 1,078.50
				12	300	313216A120CG	313216A120CI	313216A120CF	313216A120CH	\$ 1,369.70
				16	400	313216A160CG	313216A160CI	313216A160CF	313216A160CH	\$ 1,479.50
16B	400	16.56 - 17.31	421-440	8	200	313216B080CG	313216B080CI	313216B080CF	313216B080CH	POA
				10	250	313216B100CG	313216B100CI	313216B100CF	313216B100CH	\$ 1,011.80
				12	300	313216B120CG	313216B120CI	313216B120CF	313216B120CH	\$ 1,285.00
				16	400	313216B160CG	313216B160CI	313216B160CF	313216B160CH	\$ 1,394.80
16C	400	17.15 - 17.90	436-455	8	200	313216C080CG	313216C080CI	313216C080CF	313216C080CH	POA
				10	250	313216C100CG	313216C100CI	313216C100CF	313216C100CH	\$ 1,078.50
				12	300	313216C120CG	313216C120CI	313216C120CF	313216C120CH	\$ 1,369.70
				16	400	313216C160CG	313216C160CI	313216C160CF	313216C160CH	\$ 1,479.50
18A	450	17.82 - 18.57	453-472	8	200	313218A080CG	313218A080CI	313218A080CF	313218A080CH	POA
				10	250	313218A100CG	313218A100CI	313218A100CF	313218A100CH	POA
				12	300	313218A120CG	313218A120CI	313218A120CF	313218A120CH	\$ 1,401.70
				16	400	313218A160CG	313218A160CI	313218A160CF	313218A160CH	\$ 1,555.90

3132AS ALL STAINLESS DOUBLE PANEL TAPPED REPAIR CLAMP (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	
18B	450	18.46 - 19.21	469-488	8	200	313218B080CG	313218B080CI	313218B080CF	313218B080CH	POA
				10	250	313218B100CG	313218B100CI	313218B100CF	313218B100CH	POA
				12	300	313218B120CG	313218B120CI	313218B120CF	313218B120CH	\$ 1,478.00
				16	400	313218B160CG	313218B160CI	313218B160CF	313218B160CH	\$ 1,640.60
18C	450	19.23 - 19.98	488-507	8	200	313218C080CG	313218C080CI	313218C080CF	313218C080CH	POA
				10	250	313218C100CG	313218C100CI	313218C100CF	313218C100CH	POA
				12	300	313218C120CG	313218C120CI	313218C120CF	313218C120CH	\$ 1,478.00
				16	400	313218C160CG	313218C160CI	313218C160CF	313218C160CH	\$ 1,640.60
20A	500	19.90 - 20.65	505-525	8	200	313220A080CG	313220A080CI	313220A080CF	313220A080CH	POA
				10	250	313220A100CG	313220A100CI	313220A100CF	313220A100CH	POA
				12	300	313220A120CG	313220A120CI	313220A120CF	313220A120CH	POA
				16	400	313220A160CG	313220A160CI	313220A160CF	313220A160CH	\$ 2,531.90
20B	500	20.70 - 21.45	526-545	8	200	313220B080CG	313220B080CI	313220B080CF	313220B080CH	POA
				10	250	313220B100CG	313220B100CI	313220B100CF	313220B100CH	POA
				12	300	313220B120CG	313220B120CI	313220B120CF	313220B120CH	POA
				16	400	313220B160CG	313220B160CI	313220B160CF	313220B160CH	\$ 2,531.90
22A	550	21.52 - 22.27	547-566	8	200	313222A080CG	313222A080CI	313222A080CF	313222A080CH	POA
				10	250	313222A100CG	313222A100CI	313222A100CF	313222A100CH	POA
				12	300	313222A120CG	313222A120CI	313222A120CF	313222A120CH	POA
				16	400	313222A160CG	313222A160CI	313222A160CF	313222A160CH	\$ 2,602.40
22B	550	22.12 - 22.87	562-581	8	200	313222B080CG	313222B080CI	313222B080CF	313222B080CH	POA
				10	250	313222B100CG	313222B100CI	313222B100CF	313222B100CH	POA
				12	300	313222B120CG	313222B120CI	313222B120CF	313222B120CH	POA
				16	400	313222B160CG	313222B160CI	313222B160CF	313222B160CH	\$ 2,602.40
22C	550	22.90 - 23.65	582-601	8	200	313222C080CG	313222C080CI	313222C080CF	313222C080CH	POA
				10	250	313222C100CG	313222C100CI	313222C100CF	313222C100CH	POA
				12	300	313222C120CG	313222C120CI	313222C120CF	313222C120CH	POA
				16	400	313222C160CG	313222C160CI	313222C160CF	313222C160CH	\$ 2,602.40

HOW TO ORDER: Choose nominal pipe size, width and outlet size with thread configuration. EXAMPLE: 8" DIP O.D. 9.05, 12" wide with a 2" NPT outlet. Order 3132AS- 8B x 12 X 2 NPT. **Part Number:** 313208B120CK.

3132AS ALL STAINLESS DOUBLE PANEL TAPPED REPAIR CLAMP (LARGE OUTLETS)

PANEL & LIFTER BAR: 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: Low Alloy Steel per ASTM A325, ASTM A563, and AWWA C111.

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

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	4.44 - 5.24	113-133	8	200	313204A080CJ	313204A080CK	\$ 335.50
				10	250	313204A100CJ	313204A100CK	\$ 410.00
				12	300	313204A120CJ	313204A120CK	\$ 466.00
				16	400	313204A160CJ	313204A160CK	\$ 536.40
4B	100	4.74 - 5.57	120-141	8	200	313204B080CJ	313204B080CK	\$ 335.50
				10	250	313204B100CJ	313204B100CK	\$ 410.00
				12	300	313204B120CJ	313204B120CK	\$ 466.00
				16	400	313204B160CJ	313204B160CK	\$ 536.40
6A	150	6.62 - 7.42	168-188	8	200	313206A080CJ	313206A080CK	\$ 372.00
				10	250	313206A100CJ	313206A100CK	\$ 448.30
				12	300	313206A120CJ	313206A120CK	\$ 503.70
				16	400	313206A160CJ	313206A160CK	\$ 609.50
6B	150	6.84 - 7.64	174-194	8	200	313206B080CJ	313206B080CK	\$ 375.00
				10	250	313206B100CJ	313206B100CK	\$ 450.80
				12	300	313206B120CJ	313206B120CK	\$ 506.20
				16	400	313206B160CJ	313206B160CK	\$ 613.30
8A	200	8.62 - 9.42	219-239	8	200	313208A080CJ	313208A080CK	\$ 410.00
				10	250	313208A100CJ	313208A100CK	\$ 486.00
				12	300	313208A120CJ	313208A120CK	\$ 549.00
				16	400	313208A160CJ	313208A160CK	\$ 682.50
8B	200	8.99 - 9.79	228-249	8	200	313208B080CJ	313208B080CK	\$ 413.00
				10	250	313208B100CJ	313208B100CK	\$ 488.60
				12	300	313208B120CJ	313208B120CK	\$ 551.60
				16	400	313208B160CJ	313208B160CK	\$ 685.00
10A	250	10.75 - 11.55	273-293	8	200	313210A080CJ	313210A080CK	\$ 510.90
				10	250	313210A100CJ	313210A100CK	\$ 604.40
				12	300	313210A120CJ	313210A120CK	\$ 714.00
				16	400	313210A160CJ	313210A160CK	\$ 773.80
10B	250	11.10 - 11.90	282-302	8	200	313210B080CJ	313210B080CK	\$ 510.10
				10	250	313210B100CJ	313210B100CK	\$ 607.00
				12	300	313210B120CJ	313210B120CK	\$ 716.50
				16	400	313210B160CJ	313210B160CK	\$ 827.00

3132AS ALL STAINLESS DOUBLE PANEL TAPPED REPAIR CLAMP (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	
10D	250	11.60 - 12.40	295-315	8	200	313210D080CJ	313210D080CK	\$ 510.10
				10	250	313210D100CJ	313210D100CK	\$ 607.00
				12	300	313210D120CJ	313210D120CK	\$ 716.50
				16	400	313210D160CJ	313210D160CK	\$ 827.00
12A	300	12.75 - 13.55	324-344	8	200	313212A080CJ	313212A080CK	POA
				10	250	313212A100CJ	313212A100CK	\$ 677.50
				12	300	313212A120CJ	313212A120CK	\$ 802.10
				16	400	313212A160CJ	313212A160CK	\$ 926.80
12B	300	13.20 - 14.00	335-356	8	200	313212B080CJ	313212B080CK	POA
				10	250	313212B100CJ	313212B100CK	\$ 680.00
				12	300	313212B120CJ	313212B120CK	\$ 804.60
				16	400	313212B160CJ	313212B160CK	\$ 929.30
12D	300	13.65 - 14.45	347-367	8	200	313212D080CJ	313212D080CK	POA
				10	250	313212D100CJ	313212D100CK	\$ 680.00
				12	300	313212D120CJ	313212D120CK	\$ 804.60
				16	400	313212D160CJ	313212D160CK	\$ 929.30
14A	350	14.38 - 15.13	365-384	8	200	313214A080CJ	313214A080CK	POA
				10	250	313214A100CJ	313214A100CK	\$ 924.60
				12	300	313214A120CJ	313214A120CK	\$ 1,145.40
				16	400	313214A160CJ	313214A160CK	\$ 1,257.40
14B	350	15.07 - 15.82	383-402	8	200	313214B080CJ	313214B080CK	POA
				10	250	313214B100CJ	313214B100CK	\$ 819.80
				12	300	313214B120CJ	313214B120CK	\$ 1,040.60
				16	400	313214B160CJ	313214B160CK	\$ 1,152.60
16A	400	15.92 - 16.67	404-423	8	200	313216A080CJ	313216A080CK	POA
				10	250	313216A100CJ	313216A100CK	\$ 1,094.30
				12	300	313216A120CJ	313216A120CK	\$ 1,389.80
				16	400	313216A160CJ	313216A160CK	\$ 1,499.60
16B	400	16.56 - 17.31	421-440	8	200	313216B080CJ	313216B080CK	POA
				10	250	313216B100CJ	313216B100CK	\$ 1,011.80
				12	300	313216B120CJ	313216B120CK	\$ 1,285.00
				16	400	313216B160CJ	313216B160CK	\$ 1,394.80
16C	400	17.15 - 17.90	436-455	8	200	313216C080CJ	313216C080CK	POA
				10	250	313216C100CJ	313216C100CK	\$ 1,094.30
				12	300	313216C120CJ	313216C120CK	\$ 1,389.80
				16	400	313216C160CJ	313216C160CK	\$ 1,499.60
18A	450	17.82 - 18.57	453-472	8	200	313218A080CJ	313218A080CK	POA
				10	250	313218A100CJ	313218A100CK	POA
				12	300	313218A120CJ	313218A120CK	\$ 1,401.70
				16	400	313218A160CJ	313218A160CK	\$ 1,555.90

3132AS ALL STAINLESS DOUBLE PANEL TAPPED REPAIR CLAMP (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	
18B	450	18.46 - 19.21	469-488	8	200	312218B080CJ	313218B080CK	POA
				10	250	312218B100CJ	313218B100CK	POA
				12	300	312218B120CJ	313218B120CK	\$ 1,496.10
				16	400	312218B160CJ	313218B160CK	\$ 1,660.70
18C	450	19.23 - 19.98	488-507	8	200	313218C080CJ	313218C080CK	POA
				10	250	313218C100CJ	313218C100CK	POA
				12	300	313218C120CJ	313218C120CK	\$ 1,496.10
				16	400	313218C160CJ	313218C160CK	\$ 1,660.70
20A	500	19.90 - 20.65	505-525	8	200	313220A080CJ	313220A080CK	POA
				10	250	313220A100CJ	313220A100CK	POA
				12	300	313220A120CJ	313220A120CK	POA
				16	400	313220A160CJ	313220A160CK	\$ 2,552.00
20B	500	20.70 - 21.45	526-545	8	200	313220B080CJ	313220B080CK	POA
				10	250	313220B100CJ	313220B100CK	POA
				12	300	313220B120CJ	313220B120CK	POA
				16	400	313220B160CJ	313220B160CK	\$ 2,552.00
22A	550	21.52 - 22.27	547-566	8	200	313222A080CJ	313222A080CK	POA
				10	250	313222A100CJ	313222A100CK	POA
				12	300	313222A120CJ	313222A120CK	POA
				16	400	313222A160CJ	313222A160CK	\$ 2,622.50
22B	550	22.12 - 22.87	562-581	8	200	313222B080CJ	313222B080CK	POA
				10	250	313222B100CJ	313222B100CK	POA
				12	300	313222B120CJ	313222B120CK	POA
				16	400	313222B160CJ	313222B160CK	\$ 2,622.50
22C	550	22.90 - 23.65	582-601	8	200	313222C080CJ	313222C080CK	POA
				10	250	313222C100CJ	313222C100CK	POA
				12	300	313222C120CJ	313222C120CK	POA
				16	400	313222C160CJ	313222C160CK	\$ 2,622.50

HOW TO ORDER: Choose nominal pipe size, width and outlet size with thread configuration. EXAMPLE: 8" DIP O.D. 9.05, 12" wide with a 2" NPT outlet. Order 3132AS- 8B x 12 X 2 NPT. **Part Number:**313208B120CK.



COATING OPTION: Anti-Seizing/Galling protection. Available for both Alloy and SST application. Inquire with sales for cost and availability.

3140 SMALL DIAMETER COLLAR LEAK

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

GASKET: NBR multi o-ring stepped design from 100% new rubber to ensure performance under varying pressures with superior storage characteristics. Suitable for oil, mild acids, water and salt media with a temperature range of -25°F to +248°F.

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

BOLTS & NUTS: Carbon Steel per ASTM A307, with electro-galvanized dichromate finish for added corrosion resistance.

LUGS: Ductile Iron per ASTM A536 with electro-galvanized finish.



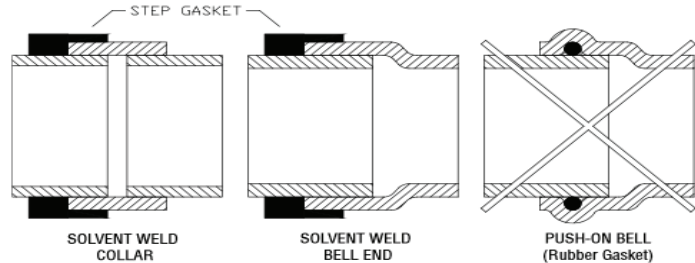
Nominal Pipe Size		Pipe OD Range		Collar Type	Width		Part Number	Price List
Custom Sizes and Ranges Available					Inches	MM		
Inches	MM	Inches	MM					
3/4	20	1.05	27	Sch 40 Collar	3	80	3140007030HA	\$ 30.70
				API Line Pipe			3140007030PA	
				EUE Tubing			3140007030RA	
				Sch 40 Collar	6	150	3140007060HA	\$ 56.90
				API Line Pipe			3140007060PA	
				EUE Tubing			3140007060RA	
1	25	1.32	33	Sch 40 Collar	3	80	3140010030HA	\$ 31.90
				API Line Pipe			3140010030PA	
				EUE Tubing			3140010030RA	
				Sch 40 Collar	6	150	3140010060HA	\$ 58.00
				API Line Pipe			3140010060PA	
				EUE Tubing			3140010060RA	
1 1/4	32	1.66	42	Sch 40 Collar	3	80	3140012030HA	\$ 33.00
				API Line Pipe			3104012030PA	
				EUE Tubing			3140012030RA	
				Sch 40 Collar	6	150	3140012060HA	\$ 59.20
				API Line Pipe			3140012060PA	
				EUE Tubing			3140012060RA	
1 1/2	40	1.90	48	Sch 40 Collar	3	80	3140015030HA	\$ 42.00
				API Line Pipe			3140015030PA	
				EUE Tubing			3140015030RA	
				Sch 40 Collar	6	150	3140015060HA	\$ 82.30
				API Line Pipe			3140015060PA	
				EUE Tubing			3140015060RA	

3140 SMALL DIAMETER COLLAR LEAK

Nominal Pipe Size		Pipe OD Range		Collar Type	Width		Part Number	Price List
Custom Sizes and Ranges Available					Inches	MM		
Inches	MM	Inches	MM					
2	50	2.38	61	Sch 40 Collar	3	80	3140020030HA	\$ 42.50
				API Line Pipe			3140020030PA	
				EUE Tubing			3140020030RA	
				Sch 40 Collar	6	150	3140020060HA	\$ 83.80
				API Line Pipe			3140020060PA	
				EUE Tubing			3140020060RA	
2 1/2	65	2.88	73	Sch 40 Collar	3	80	3140025030HA	\$ 45.50
				API Line Pipe			3140025030PA	
				EUE Tubing			3140025030RA	
				Sch 40 Collar	6	150	3140025060HA	\$ 86.20
				API Line Pipe			3140025060PA	
				EUE Tubing			3140025060RA	

Sch = Schedule API = American Petroleum Institute
 EUE = External Upset End - SDR = Standard Dimension Ratio

PowerSeal Collar Leak Repair Clamps provide a simple and permanent repair for leaking Solvent Weld PVC Bells and Collars as well as threaded Steel Pipe Collars. Since Collar Leak Clamps are designed to seal on both the outside diameter of the pipe and the leaking collar or bell, it is important that the proper clamp is ordered. These repair clamps are not recommended for leaking Push-On-Joint (gasketed) Bells.



HOW TO ORDER: Specify Model Number, Pipe Size with Collar Type, and Width. EXAMPLE: 2" Steel O.D. 2.38 with 3" wide Schedule 40 Collar. Order 3140 - 2" Sch 40 x 3. **Part Number:** 3140020030HA

3141 IRON LUGGED COLLAR LEAK

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

GASKET: NBR 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. and AWWA C111. Optional Stainless Steel materials available with fusion bonded anti-galling coated nuts.

LUGS: Ductile Iron per ASTM A536.



Nominal Pipe Size		Pipe OD Range		Collar Type	Width		Part Number	Price List
Custom Sizes and Ranges Available					Inches	MM		
Inches	MM	Inches	MM					
2	50	2.38	61	Sch 40 Collar	6	150	3141020060HA	\$ 94.40
				SDR 26 Bell			3141020060UA	
				API Line Pipe			3141020060PA	
				EUE Tubing			3141020060RA	
				Sch 40 Collar	8	200	3141020080AH	\$ 112.40
				SDR 26 Bell			3141020080AU	
				API Line Pipe			3141020080AP	
				EUE Tubing			3141020080AR	
2 1/2	65	2.88	73	Sch 40 Collar	6	150	3141025060HA	\$ 98.50
				SDR 26 Bell			3141025060UA	
				API Line Pipe			3141025060PA	
				EUE Tubing			3141025060RA	
				Sch 40 Collar	8	200	3141025080AH	\$ 116.60
				SDR 26 Bell			3141025080AU	
				API Line Pipe			3141025080AP	
				EUE Tubing			3141025080AR	
3	80	3.50	89	Sch 40 Collar	6	150	3141030060HA	\$ 102.60
				SDR 26 Bell			3141030060UA	
				API Line Pipe			3141030060PA	
				EUE Tubing			3141030060RA	
				Sch 40 Collar	8	200	3141030080AH	\$ 128.60
				SDR 26 Bell			3141030080AU	
				API Line Pipe			3141030080AP	
				EUE Tubing			3141030080AR	
3 1/2	90	4.00	102	Sch 40 Collar	6	150	3141035060HA	\$ 115.80
				SDR 26 Bell			3141035060UA	
				API Line Pipe			3141035060PA	
				EUE Tubing			3141035060RA	
				Sch 40 Collar	8	200	3141035080AH	\$ 136.90
				SDR 26 Bell			3141035080AU	
				API Line Pipe			3141035080AP	
				EUE Tubing			3141035080AR	

3141 IRON LUGGED COLLAR LEAK

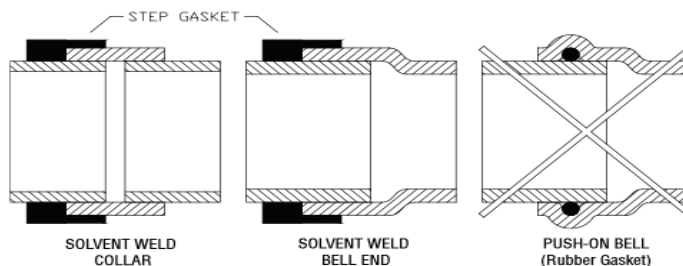
Nominal Pipe Size		Pipe OD Range		Collar Type	Width		Part Number	Price List
Custom Sizes and Ranges Available					Inches	MM		
Inches	MM	Inches	MM					
4	100	4.50	114	Sch 40 Collar	6	150	3141040060HA	\$ 125.90
				SDR 26 Bell			3141040060UA	
				API Line Pipe			3141040060PA	
				EUE Tubing			3141040060RA	
				Sch 40 Collar	8	200	3141040080AH	\$ 144.90
				SDR 26 Bell			3141040080AU	
				API Line Pipe			3141040080AP	
				EUE Tubing			3141040080AR	
		4.13	105	PIP 80 Bell	6	150	3141040060VA	
					8	200	3141040080AV	
5	125	5.56	141	Sch 40 Collar	6	150	3141050060HA	\$ 131.40
				SDR 26 Bell			3141050060UA	
				API Line Pipe			3141050060PA	
				Sch 40 Collar	8	200	3141050080AH	\$ 156.20
				SDR 26 Bell			3141050080AU	
				API Line Pipe			3141050080AP	
6	150	6.63	168	Sch 40 Collar	6	150	3141060060HA	\$ 142.80
				SDR 26 Bell			3141060060UA	
				API Line Pipe			3141060060PA	
				Sch 40 Collar	8	200	3141060080AH	\$ 178.70
				SDR 26 Bell			3141060060AU	
				API Line Pipe			3141060080AP	
		6.14	156	PIP 80 Bell	6	150	3141060060VA	
					8	200	3141060080AV	
8	200	8.63	219	Sch 40 Collar	6	150	3141080060HA	\$ 158.90
				SDR 26 Bell			3141080060UA	
				8.14	207	Sch 40 Collar	8	200
		SDR 26 Bell	3141080080AU					
		PIP 80 Bell	6			150	3141080060VA	
			8	200	3141080080AV			
10	250	10.75	273	Sch 40 Collar	6	150	3141100060HA	\$ 186.30
				SDR 26 Bell			3141100060UA	
				Sch 40 Collar	8	200	3141100080AH	\$ 201.50
				SDR 26 Bell			3141100080AU	
		10.20	259	PIP 80 Bell	6	150	3141100060VA	
					8	200	3141100080AV	

3141 IRON LUGGED COLLAR LEAK

Nominal Pipe Size		Pipe OD Range		Collar Type	Width		Part Number	Price List
Custom Sizes and Ranges Available					Inches	MM		
Inches	MM	Inches	MM					
12	300	12.75	324	Sch 40 Collar	6	150	3141120060HA	\$ 218.00
				SDR 26 Bell			3141120060UA	
				Sch 40 Collar	8	200	3141120080AH	\$ 267.80
				SDR 26 Bell			3141120080AU	
		12.24	311	PIP 80 Bell	6	150	3141120060VA	
					8	200	3141120080AV	
15	375	15.30	389	PIP 80 Bell	6"	150	3141150060VA	\$ 255.20
					8"	200	3141150080AV	\$ 353.60

Sch = Schedule API = American Petroleum Institute EUE = External Upset End - SDR = Standard Dimension Ratio

PowerSeal Collar Leak Repair Clamps provide a simple and permanent repair for leaking Solvent Weld PVC Bells and Collars as well as threaded Steel Pipe Collars. Since Collar Leak Clamps are designed to seal on both the outside diameter of the pipe and the leaking collar or bell, it is important that the proper clamp is ordered. These repair clamps are not recommended for leaking Push- On-Joint (gasketed) Bells.



"HOW TO ORDER: Specify Model Number, Pipe Size with Collar Type, and Width. EXAMPLE: 4" Steel O.D. 450 with 6" wide Schedule 40 Collar. Order 3141 - 4" Sch 40 x 6. **Part Number:** 3141040060HA .

3143AS ALL STAINLESS COLLAR LEAK

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

GASKET: NBR 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 galling.

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

WASHERS: Delrin per ASTM D6778.



Nominal Pipe Size		Pipe OD Range		Collar Type	Width		Part Number	Price List				
Custom Sizes and Ranges Available					Inches	MM						
Inches	MM	Inches	MM									
3	80	3.50	89	Sch 40 Collar	6	150	3143030060JA	\$ 93.80				
				SDR 26 Bell			3143030060JU					
				API Line Pipe			3143030060JP					
				EUE Tubing			3143030060JR					
				Sch 40 Collar	8	200	3143030080JA	\$ 147.20				
				SDR 26 Bell			3143030080JU					
				API Line Pipe			3143030080JP					
				EUE Tubing			3143030080JR					
3 1/2	90	4.00	102	Sch 40 Collar	6	150	3143035060JA	\$ 93.50				
				API Line Pipe			3143035060JP					
				EUE Tubing			3143035060JR					
				Sch 40 Collar	8	200	3143035080JA	\$ 122.70				
				SDR 26 Bell			3143035080JU					
				API Line Pipe			3143035080JP					
				EUE Tubing			3143035080JR					
				4	100	4.50	114	Sch 40 Collar	6	150	3143040060JA	\$ 132.30
API Line Pipe	3143040060JP											
EUE Tubing	3143040060JR											
Sch 40 Collar	8	200	3143040080JA					\$ 178.00				
API Line Pipe			3143040080JP									
EUE Tubing			3143040080JR									
4	100	4.13	105					PIP 80 Bell	6	150	3143040060JV	\$ 178.00
									8	200	3143040080JV	
5	125	5.56	141	Sch 40 Collar	6	150	3143050060JA	\$ 142.90				
				API Line Pipe			3143050060JP					
				EUE Tubing			3143050060JR					
				Sch 40 Collar	8	200	3143050080JA	\$ 194.90				
				API Line Pipe			3143050080JP					
				EUE Tubing			3143050080JR					

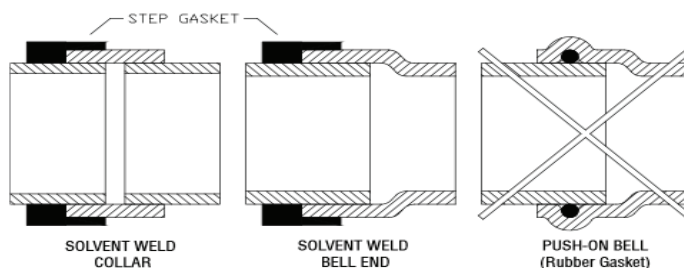
3143AS ALL STAINLESS COLLAR LEAK

Nominal Pipe Size		Pipe OD Range		Collar Type	Width		Part Number	Price List
Custom Sizes and Ranges Available					Inches	MM		
Inches	MM	Inches	MM					
6	150	6.63	168	Sch 40 Collar	6	150	3143060060JA	\$ 163.40
				API Line Pipe			3143060060JP	
				EUE Tubing			3143060060JR	
				Sch 40 Collar	8	200	3143060080JA	\$ 212.50
				API Line Pipe			3143060080JP	
				EUE Tubing			3143060080JR	
		6.14	156	PIP 80 Bell	6	150	3143060060JV	
					8	200	3143060080JV	
8	200	8.63	219	Sch 40 Collar	6	150	3143080060JA	
				API Line Pipe			3143080060JP	
				EUE Tubing			3143080060JR	
				Sch 40 Collar	8	200	3143080080JA	\$ 238.40
				API Line Pipe			3143080080JP	
				EUE Tubing			3143080080JR	
		8.14	207	PIP 80 Bell	6	150	3143080060JV	
					8	150	3143080080JV	
10	250	10.75	273	Sch 40 Collar	6	150	3143100060JA	
				API Line Pipe			3143100060JP	
				EUE Tubing			3143100060JR	
				Sch 40 Collar	8	200	3143100080JA	\$ 267.40
				API Line Pipe			3143100080JP	
				EUE Tubing			3143100080JR	
		10.20	259	PIP 80 Bell	6	150	3143100060JV	
					8	200	3143100080JV	
12	300	12.75	324	Sch 40 Collar	6	150	3143120060JA	
				API Line Pipe			3143120060JP	
				EUE Tubing			3143120060JR	
				Sch 40 Collar	8	200	3143120080JA	\$ 304.20
				API Line Pipe			3143120080JP	
				EUE Tubing			3143120080JR	
		12.24	311	PIP 80 Bell	6	150	3143120060JV	
					8	200	3143120080JV	
15	375	15.30	389	PIP 80 Bell	6	150	3143150060JV	
					8	200	3143150080JV	\$ 328.40

3143AS ALL STAINLESS COLLAR LEAK

Sch 40, API, EUE, SDR 26 and PIP = Plastic Irrigation Pipe.

PowerSeal Collar Leak Repair Clamps provide a simple and permanent repair for leaking Solvent Weld PVC Bells and Collars as well as threaded Steel Pipe Collars. Since Collar Leak Clamps are designed to seal on both the outside diameter of the pipe and the leaking collar or bell, it is important that the proper clamp is ordered. These repair clamps are not recommended for leaking Push-On-Joint (gasketed) Bells.



HOW TO ORDER: Specify Model Number, Pipe Size with Collar Type, and Width. EXAMPLE: 4" Steel O.D. 4.50 with 6" wide Schedule 40 Collar. Order 3143AS - 4" Sch 40 x 6. **Part Number:**3143040060JA.

3146 POWERCOPPER JOINT REPAIR CLAMP

(For use in repairing solvent weld copper connections on copper pipe)

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

GASKET: Molded Waffle NBR design from 100% new rubber to ensure performance under varying pressures with superior storage characteristics. Suitable for oil, mild acids, water, salt media and most aliphatic hydrocarbon fluids with a temperature range of -25° to +248°F.

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

BOLTS & NUTS: Low Alloy Steel per ASTM A325, ASTM A563, and AWWA C111. Optional Stainless Steel materials available with fusion bonded anti-galling coated nuts.

LUGS: Ductile Iron per ASTM A536 with electro galvanized finish.



Nominal Pipe Size		CTS-OD Range		Width		Part Number	Price List
Inches	MM	Inches	MM	Inches	MM		
1/2	15	0.625	18	3	80	3146005030WT	\$ 29.50
3/4	20	0.875	22	3	80	3146007030WT	\$ 31.50
1	25	1.125	29	3	80	3146010030WT	\$ 32.50
1 - 1/4	32	1.375	35	3	80	3146012030WT	\$ 33.50
1 - 1/2	40	1.625	41	3	80	3146015030WT	\$ 35.50
2	50	2.125	54	3	80	3146020030WT	\$ 40.00
2-1/2	63	2.625	67	3	80	3146025030WT	\$ 45.00
3	80	3.125	80	3	80	3146030030WT	\$ 60.50
4	100	4.125	105	3	80	3146030030WT	\$ 65.00

HOW TO ORDER: Specify Model Number and Pipe Size with OD. EXAMPLE: 2" Copper tube O.D. 2.13 with 3" width. Order 3146 - 2.13 x 3. **Part Number:** 3146020030WT

3151 PATCH CLAMP

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

GASKET: Molded Waffle NBR design from 100% new rubber to ensure performance under varying pressures with superior storage characteristics. Suitable for oil, mild acids, water, salt media and most aliphatic hydrocarbon fluids with a temperature range of -25°F to +248°F.

BOLTS & NUTS: Carbon Steel per ASTM A307, with electrogalvanized dichromate finish for added corrosion resistance. Optional Stainless Steel available.

LUGS: Ductile Iron per ASTM A536 with electro-galvanized finish.



Nominal Pipe Size		Pipe OD Range		BOLTS	Width		Part Number	Price List
Custom Sizes and Ranges Available					Inches	MM		
Inches	MM	Inches	MM					
1/2	15	0.84	21	PS	3	80	3151005030WA	\$ 12.70
				SS			3151005030IW	\$ 31.90
				PS	6	150	315005060WA	\$ 23.50
				SS			3151005060IW	\$ 57.50
				PS	9	230	3151005090WA	\$ 38.00
				SS			3151005090IW	\$ 99.40
				PS	12	300	3151005120WA	\$ 52.40
				SS			3151005120IW	\$ 133.20
3/4	20	1.05	27	PS	3	80	3151007030WA	\$ 12.90
				SS			3151007030IW	\$ 32.40
				PS	6	150	3151007060WA	\$ 24.10
				SS			3151007060IW	\$ 58.10
				PS	9	230	3151007090WA	\$ 41.00
				SS			3151007090IW	\$ 102.40
				PS	12	300	3151007120WA	\$ 54.00
				SS			3151007120IW	\$ 137.40
1	25	1.32	34	PS	3	80	3151010030WA	\$ 14.20
				SS			3151010030IW	\$ 33.80
				PS	6	150	3151010060WA	\$ 25.60
				SS			3151010060IW	\$ 59.70
				PS	9	230	3151010090WA	\$ 43.20
				SS			3151010090IW	\$ 105.60
				PS	12	300	3151010120WA	\$ 55.80
				SS			3151010120IW	\$ 141.50
1 1/4	32	1.66	42	PS	3	80	3151012030WA	\$ 14.50
				SS			3151012030IW	\$ 34.00
				PS	6	150	3151012060WA	\$ 27.00
				SS			3151012060IW	\$ 61.10
				PS	9	230	3151012090WA	\$ 44.50
				SS			3151012090IW	\$ 108.90
				PS	12	300	3151012120WA	\$ 57.40
				SS			3151012120IW	\$ 145.90

3151 PATCH CLAMP

Nominal Pipe Size		Pipe OD Range		BOLTS	Width		Part Number	Price List
Custom Sizes and Ranges Available					Inches	MM		
Inches	MM	Inches	MM					
1 1/2	40	1.90	48	PS	3	80	3151015030WA	\$ 15.70
				SS			3151015030IW	\$ 29.30
				PS	6	150	3151015060WA	\$ 38.20
				SS			3151015060IW	\$ 73.30
				PS	9	230	3151015090WA	\$ 45.90
				SS			3151015090IW	\$ 112.30
				PS	12	300	3151015120WA	\$ 59.20
				SS			3151015120IW	\$ 150.40
2	50	2.00	51	PS	3	80	3151020030WX	\$ 16.90
				SS			3151020030IWX	\$ 38.90
				PS	6	150	3151020060WX	\$ 29.90
				SS			3151020060IWX	\$ 75.80
				PS	9	230	3151020090WX	\$ 46.00
				SS			3151020090IWX	\$ 115.70
				PS	12	300	3151020120WX	\$ 61.00
				SS			3151020120IWX	\$ 155.10
2	50	2.38	60	PS	3	80	3151020030WA	\$ 17.00
				SS			3151020030IW	\$ 39.60
				PS	6	150	3151020060WA	\$ 30.80
				SS			3151020060IW	\$ 76.20
				PS	9	230	3151020090WA	\$ 47.20
				SS			3151020090IW	\$ 117.30
				PS	12	300	3151020120WA	\$ 62.60
				SS			3151020120IW	\$ 156.10
2 1/2	65	2.88	73	PS	3	80	3151025030WA	\$ 21.30
				SS			3151025030IW	\$ 44.70
				PS	6	150	3151025060WA	\$ 42.50
				SS			3151025060IW	\$ 87.50
				PS	9	230	3151025090WA	\$ 63.20
				SS			3151025090IW	\$ 131.90
				PS	12	300	3151025120WA	\$ 85.50
				SS			3151025120IW	\$ 176.40
3	80	3.00	76	PS	3	80	3151030030WX	\$ 21.40
				SS			3151030030IWX	\$ 45.00
				PS	6	150	3151030060WX	\$ 44.10
				SS			3151030060IWX	\$ 90.60
				PS	9	230	3151030090WX	\$ 69.30
				SS			3151030060IWX	\$ 136.20
				PS	12	300	3151030120WX	\$ 94.20
				SS			3151030120IWX	\$ 184.10

3151 PATCH CLAMP

Nominal Pipe Size		Pipe OD Range		BOLTS	Width		Part Number	Price List
Custom Sizes and Ranges Available					Inches	MM		
Inches	MM	Inches	MM					
3	80	3.50	89	PS	3	80	3151030060WA	\$ 22.40
				SS			3151030060IW	\$ 46.70
				PS	6	150	3151030060WA	\$ 45.00
				SS			3151030060IW	\$ 93.80
				PS	9	230	3151030090WA	\$ 74.10
				SS			3151030090IW	\$ 144.30
				PS	12	300	3151030120WA	\$ 100.80
				SS			3151030120IW	\$ 194.50
4	100	4.00	102	PS	3	80	3151040030WX	\$ 24.10
				SS			3151040030IWX	\$ 47.30
				PS	6	150	3151040060WX	\$ 46.70
				SS			3151040060IWX	\$ 95.00
				PS	9	230	3151040090WX	\$ 74.70
				SS			3151040090IWX	\$ 146.60
				PS	12	300	3151040120WX	\$ 102.50
				SS			3151040120IWX	\$ 197.40
4	100	4.50	114	PS	3	80	3151040030WA	\$ 25.90
				SS			3151040030IW	\$ 58.00
				PS	6	150	3151040060WA	\$ 48.00
				SS			3151040060IW	\$ 100.00
				PS	9	230	3151040090WA	\$ 89.90
				SS			3151040090IW	\$ 160.90
				PS	12	300	3151040120WA	\$ 120.30
				SS			3151040120IW	\$ 216.30
5	125	5.00	127	PS	3	80	3151050030WX	\$ 28.90
				SS			3151050030IWX	\$ 59.00
				PS	6	150	3151050060WX	\$ 57.30
				SS			3151050060IWX	\$ 104.50
				PS	9	230	3151050090WX	\$ 98.00
				SS			3151050090IWX	\$ 167.20
				PS	12	300	3151050120WX	\$ 130.60
				SS			3151050120IWX	\$ 222.70
5	125	5.56	141	PS	3	80	3151050030WA	\$ 29.30
				SS			3151050030IW	\$ 60.70
				PS	6	150	3151050060WA	\$ 58.10
				SS			3151050060IW	\$ 106.00
				PS	9	230	3151050090WA	\$ 98.30
				SS			3151050090IW	\$ 168.70
				PS	12	300	3151050120WA	\$ 131.40
				SS			3151050120IW	\$ 223.50

3151 PATCH CLAMP

Nominal Pipe Size		Pipe OD Range		BOLTS	Width		Part Number	Price List
Custom Sizes and Ranges Available					Inches	MM		
Inches	MM	Inches	MM					
6	150	6.00	152	PS	3	80	3151060030WX	\$ 30.30
				SS			3151060030IWX	\$ 63.90
				PS	6	150	3151060060WX	\$ 58.80
				SS			3151060060IWX	\$ 107.70
				PS	9	230	3151060090WX	\$ 98.70
				SS			3151060090IWX	\$ 172.40
				PS	12	300	3151060120WX	\$ 132.00
				SS			3151060120IWX	\$ 228.50
6	150	6.25	159	PS	3	80	3151060030WX	\$ 30.40
				SS			3151060030IWX	\$ 63.90
				PS	6	150	3151060060WX	\$ 58.70
				SS			3151060060IWX	\$ 107.70
				PS	9	230	3151060090WX	\$ 98.70
				SS			3151060090IWX	\$ 172.40
				PS	12	300	3151060120WX	\$ 132.00
				SS			3151060120IWX	\$ 228.50
6	150	6.63	168	PS	3	80	3151060030WA	\$ 30.90
				SS			3151060030IW	\$ 65.70
				PS	6	150	3151060060WA	\$ 60.40
				SS			3151060060IW	\$ 109.10
				PS	9	230	3151060090WA	\$ 101.80
				SS			3151060090IW	\$ 174.20
				PS	12	300	3151060120WA	\$ 136.40
				SS			3151060120IW	\$ 234.00
8	200	8.00	203	PS	3	80	3151080030WX	\$ 34.20
				SS			3151080030IWX	\$ 66.60
				PS	6	150	3151080060WX	\$ 66.90
				SS			3151080060IWX	\$ 115.30
				PS	9	230	3151080090WX	\$ 107.30
				SS			3151080090IWX	\$ 180.00
				PS	12	300	3151080120WX	\$ 157.30
				SS			3151080120IWX	\$ 255.50
8	200	8.63	219	PS	3	80	3151080030WA	\$ 36.20
				SS			3151080030IW	\$ 68.90
				PS	6	150	3151080060WA	\$ 70.30
				SS			3151080060IW	\$ 119.10
				PS	9	230	3151080090WA	\$ 111.00
				SS			3151080090IW	\$ 183.80
				PS	12	300	3151080120WA	\$ 172.70
				SS			3151080120IW	\$ 270.30

3151 PATCH CLAMP

Nominal Pipe Size		Pipe OD Range		BOLTS	Width		Part Number	Price List
Custom Sizes and Ranges Available					Inches	MM		
Inches	MM	Inches	MM					
10	250	10.00	254	PS	3	80	3151100030WX	\$ 66.30
				SS			3151100030IWX	\$ 104.50
				PS	6	150	3151100060WX	\$ 136.30
				SS			3151100060IWX	\$ 185.90
				PS	9	230	3151100090WX	\$ 224.70
				SS			3151100090IWX	\$ 287.40
				PS	12	300	3151100120WX	\$ 293.10
				SS			3151100120IWX	\$ 392.00
10	250	10.75	273	PS	3	80	3151100030WA	\$ 66.60
				SS			3151100030IW	\$ 113.80
				PS	6	150	3151100060WA	\$ 137.90
				SS			3151100060IW	\$ 187.30
				PS	9	230	3151100090WA	\$ 225.30
				SS			3151100090IW	\$ 290.30
				PS	12	300	3151100120WA	\$ 294.90
				SS			3151100120IW	\$ 395.30
12	300	12.00	305	PS	3	80	3151120030WX	\$ 75.40
				SS			3151120030IWX	\$ 122.50
				PS	6	150	3151120060WX	\$ 147.30
				SS			3151120060IWX	\$ 197.40
				PS	9	230	3151120090WX	\$ 47.20
				SS			3151120090IWX	\$ 117.30
				PS	12	300	3151120120WX	\$ 237.10
				SS			3151120120IWX	\$ 301.90
12	300	12.75	324	PS	3	80	3151120030WA	\$ 76.30
				SS			3151120030IW	\$ 123.70
				PS	6	150	3151120060WA	\$ 147.80
				SS			3151120060IW	\$ 200.30
				PS	9	230	3151120090WA	\$ 237.50
				SS			3151120090IW	\$ 304.90
				PS	12	300	3151120120WA	\$ 308.10
				SS			3151120120IW	\$ 410.10

PS = Plated Steel Bolts SS = Stainless Steel

HOW TO ORDER: Specify Model Number, Pipe Size with OD, Width, and Type of Bolt. EXAMPLE: 2" Steel O.D. 2.38 with 6" width Plated Steel Bolts. Order 3151 - 2.38 x 6 PS. **Part Number:** 3151020060WA .

3151AS-W ALL STAINLESS PATCH CLAMP

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

GASKET: Molded Waffle NBR design from 100% new rubber to ensure performance under varying pressures with superior storage characteristics. Suitable for oil, mild acids, water, salt media and most aliphatic hydrocarbon fluids with a temperature range of -25°F to +248°F.

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

WASHERS: Delrin per ASTM D6778.



Nominal Pipe Size		Pipe OD Range		Width		Part Number	Price List
Custom Sizes and Ranges Available							
Inches	MM	Inches	MM	Inches	MM		
1/2	15	0.84	21	4	100	3151005040WS	\$ 38.90
				8	200	3151005080WS	\$ 67.70
				12	300	3151005120WS	\$ 98.00
3/4	20	1.05	27	4	100	3151007040WS	\$ 38.90
				8	200	3151007080WS	\$ 67.70
				12	300	3151007120WS	\$ 98.00
1	25	1.32	34	4	100	3151010040WS	\$ 38.90
				8	200	3151010080WS	\$ 67.70
				12	300	3151010120WS	\$ 98.00
1 1/4	32	1.66	42	4	100	3151012040WS	\$ 41.30
				8	200	3151012080WS	\$ 72.80
				12	300	3151012120WS	\$ 108.90
1 1/2	40	1.90	48	4	100	3151015040WS	\$ 41.30
				8	200	3151015080WS	\$ 72.80
				12	300	3151015120WS	\$ 108.90
2	50	2.00	51	4	100	3151020040WXS	\$ 41.30
				8	200	3151020080WXS	\$ 72.80
				12	300	3151020120WXS	\$ 108.90
2	50	2.38	60	4	100	3151020040WS	\$ 41.30
				8	200	3151020080WS	\$ 72.80
				12	300	3151020120WS	\$ 108.90
2 1/2	65	2.88	73	4	100	3151025040WS	\$ 43.80
				8	200	3151025080WS	\$ 87.30
				12	300	3151025120WS	\$ 130.60
3	80	3.00	76	4	100	3151030040WXS	\$ 43.80
				8	200	3151030080WXS	\$ 87.30
				12	300	3151030120WXS	\$ 130.60
3	80	3.50	89	4	100	3151030040WS	\$ 43.80
				8	200	3151030080WS	\$ 87.30
				12	300	3151030120WS	\$ 130.60

3151AS-W ALL STAINLESS PATCH CLAMP

Nominal Pipe Size		Pipe OD Range		Width		Part Number	Price List
Custom Sizes and Ranges Available							
Inches	MM	Inches	MM	Inches	MM		
4	100	4.00	102	4	100	3151040040WXS	\$ 45.40
				8	200	3151040080WXS	\$ 88.40
				12	300	3151040120WXS	\$ 133.30
4	100	4.50	114	4	100	3151040040WS	\$ 45.40
				8	200	3151040080WS	\$ 88.40
				12	300	3151040120WS	\$ 133.30
5	125	5.00	127	4	100	3151050040WXS	\$ 56.70
				8	200	3151050080WXS	\$ 103.40
				12	300	3151050120WXS	\$ 155.60
5	125	5.56	141	4	100	3151050040WS	\$ 56.70
				8	200	3151050080WS	\$ 103.40
				12	300	3151050120WS	\$ 155.60
6	150	6.00	152	4	100	3151060040WXS	\$ 56.70
				8	200	3151060080WXS	\$ 103.40
				12	300	3151060120WXS	\$ 155.60
6	150	6.63	168	4	100	3151060040WS	\$ 56.70
				8	200	3151060080WS	\$ 103.40
				12	300	3151060120WS	\$ 155.60
8	200	8.00	203	4	100	3151080040WXS	\$ 65.60
				8	200	3151080080WXS	\$ 116.10
				12	300	3151080100WXS	\$ 165.60
8	200	8.63	219	4	100	3151080040WS	\$ 65.60
				8	200	3151080080WS	\$ 116.10
				12	300	3151080120WS	\$ 165.60
10	250	10.00	254	4	100	3151100040WXS	\$ 71.50
				8	200	3151100080WXS	\$ 128.00
				12	300	3151100120WXS	\$ 243.60
10	250	10.75	273	4	100	3151100040WS	\$ 71.50
				8	200	3151100080WS	\$ 128.00
				12	300	3151100120WS	\$ 243.60
12	300	12.00	305	4	100	3151120040WXS	\$ 75.80
				8	200	3151120080WXS	\$ 136.50
				12	300	3151120120WXS	\$ 248.40
12	300	12.75	324	4	100	3151120040WS	\$ 75.80
				8	200	3151120080WS	\$ 136.50
				12	300	3151120120WS	\$ 248.40

HOW TO ORDER: Specify Model Number, Pipe Size with OD, and Width. EXAMPLE: 2" Steel O.D. 2.38 with 8" Clamp Width. Order 3151AS-W - 2.38 x 8. **Part Number:** 3151020080WS .

3151HD LARGE DIAMETER HEAVY DUTY PATCH CLAMP

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

GASKET: Molded Waffle NBR design from 100% new rubber to ensure performance under varying pressures with superior storage characteristics. Suitable for oil, mild acids, water, salt media and most aliphatic hydrocarbon fluids with a temperature range of -40° to +248°F.

BOLTS & NUTS: Low Alloy Steel per ASTM A325, ASTM A563, and AWWA C111. Optional Stainless Steel materials available with fusion bonded anti-galling coated nuts.

LUGS: Ductile Iron per ASTM A536.



Nominal Pipe Size		Pipe OD Range		BOLTS	Width		Part Number	Price List
Custom Sizes and Ranges Available					Inches	MM		
Inches	MM	Inches	MM					
10	250	10.00	254	PS	5	125	3151100050WX	\$ 210.90
				SS			3151100050IWX	\$ 321.10
				PS	10	250	3151100100WX	\$ 435.40
				SS			3151100100IWX	\$ 596.80
10	250	10.75	273	PS	5	125	3151100050WA	\$ 217.40
				SS			3151100050IW	\$ 443.50
				PS	10	250	3151100100WA	\$ 326.50
				SS			3151100100IW	\$ 652.90
12	300	12.00	305	LAS	5	125	3151120050WX	\$ 221.80
				SS			3151120050IWX	\$ 331.90
				LAS	10	250	3151120100WX	\$ 462.40
				SS			3151120100IWX	\$ 663.70
12	300	12.75	324	LAS	5	125	3151120050WA	\$ 232.60
				SS			3151120050IW	\$ 470.60
				LAS	10	250	3151120100WA	\$ 345.20
				SS			3151120100IW	\$ 690.40
14	350	14.00	356	LAS	5	125	3151140050WX	\$ 243.40
				SS			3151140050IWX	\$ 355.90
				LAS	10	250	3151140100WX	\$ 486.80
				SS			3151140100IWX	\$ 711.90
16	400	16.00	406	LAS	5	125	3151160050WX	\$ 262.30
				SS			3151160050IWX	\$ 524.70
				LAS	10	250	3151160100WX	\$ 377.30
				SS			3151160100IWX	\$ 754.70
18	450	18.00	457	LAS	5	125	3151180050WX	\$ 275.80
				SS			3151180050IWX	\$ 551.70
				LAS	10	250	3151180100WX	\$ 390.70
				SS			3151180100IWX	\$ 781.40

3151HD LARGE DIAMETER HEAVY DUTY PATCH CLAMP

Nominal Pipe Size		Pipe OD Range		BOLTS	Width		Part Number	Price List
Custom Sizes and Ranges Available					Inches	MM		
Inches	MM	Inches	MM					
20	500	20.00	508	LAS	5	125	3151200050WX	\$ 292.10
				SS			3151200050IWX	\$ 584.10
				LAS	10	250	3151200100WX	\$ 406.80
				SS			3151200100IWX	\$ 813.50
22	550	22.00	559	LAS	5	125	3151220050WX	\$ 311.00
				SS			3151220050IWX	\$ 622.00
				LAS	10	250	3151220100WX	\$ 425.50
				SS			3151220100IWX	\$ 851.00
24	600	24.00	610	LAS	5	125	3151240050WX	\$ 324.50
				SS			3151240050IWX	\$ 441.60
				LAS	10	250	3151240100WX	\$ 649.00
				SS			3151240100IWX	\$ 883.10
30	750	30.00	762	LAS	5	125	3151300050WX	\$ 381.30
				SS			3151300050IWX	\$ 762.60
				LAS	10	250	3151200100WX	\$ 495.10
				SS			3151200100IWX	\$ 990.10

HOW TO ORDER: Specify Model Number, Pipe Size with OD, Width, and Type of Bolt. EXAMPLE: 10" Steel O.D. 10.75 with 10" wide Stainless Steel Bolts. Order 3151HD - 10.75 x 10 SS. **Part Number:** 3151100100IWX .



COATING OPTION: Anti-Seizing/Galling protection. Available for both Alloy and SST application. Inquire with sales for cost and availability.

3152W SMALL DIAMETER COMPLETE CIRCLE

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

GASKET: Molded Waffle NBR design from 100% new rubber to ensure performance under varying pressures with superior storage characteristics. Suitable for oil, mild acids, water, salt media and most aliphatic hydrocarbon fluids with a temperature range of -25°F to +248°F.

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

BOLTS & NUTS: Carbon Steel per ASTM A307, with electrogalvanized dichromate finish for added corrosion resistance. Optional Stainless Steel available.

LUGS: Ductile Iron per ASTM A536 with electro-galvanized finish.



Nominal Pipe Size		Pipe OD Range		BOLTS	Width		Part Number	List Price
Custom Sizes and Ranges Available					Inches	MM		
Inches	MM	Inches	MM					
1/2	15	IPS		PS	3	80	3152005030WA	\$ 51.50
		0.84	21	SS			3152005030IW	\$ 63.60
				PS	6	150	3152005060WA	\$ 103.40
				SS			3152005060IW	\$ 127.40
				PS	9	230	3152005090WA	\$ 154.90
				SS			3152005090IW	\$ 191.00
				PS	12	300	3152005120WA	\$ 206.80
		SS	3152005120IW	\$ 254.80				
1/2	15	CTS						
		0.63	18	PS	3	80	3152005030WT	\$ 51.50
				SS			3152005030IT-W	\$ 63.60
				PS	6	150	3152005060WT	\$ 103.40
				SS			3152005060IT-W	\$ 127.40
				PS	9	230	3152005090WT	\$ 154.90
				SS			3152005090IT-W	\$ 191.00
				PS	12	300	3152005120WT	\$ 206.80
SS	3152005120IT-W			\$ 254.80				
3/4	20	IPS						
		1.05	27	PS	3	80	3152007030WA	\$ 52.60
				SS			3152007030IW	\$ 64.50
				PS	6	150	3152007060WA	\$ 110.50
				SS			3152007060IW	\$ 128.90
				PS	9	230	3152007090WA	\$ 157.80
				SS			3152007090IW	\$ 193.60
				PS	12	300	3152007120WA	\$ 209.90
SS	3152007120IW			\$ 257.90				
3/4	20	CTS						
		0.88	22	PS	3	80	3152007030WT	\$ 52.60
				SS			3152007030IT-W	\$ 64.50
				PS	6	150	3152007060WT	\$ 103.40
				SS			3152007060IT-W	\$ 128.90
				PS	9	230	3152007090WT	\$ 154.90
				SS			3152007090IT-W	\$ 191.00
				PS	12	300	3152007120WT	\$ 206.80
SS	3152007120IT-W			\$ 254.80				

3152W SMALL DIAMETER COMPLETE CIRCLE

Nominal Pipe Size		Pipe OD Range		BOLTS	Width		Part Number	List Price
Custom Sizes and Ranges Available					Inches	MM		
Inches	MM	Inches	MM					
1	25	IPS						
		1.32	34	PS	3	80	3152010030WA	\$ 55.50
				SS			3152010030IW	\$ 67.50
				PS	6	150	3152010060WA	\$ 110.90
				SS			3152010060IW	\$ 134.90
				PS	9	230	3152010060WA	\$ 166.80
				SS			3152010060IW	\$ 202.60
				PS	12	300	3152010120WA	\$ 222.00
SS	3152010120IW	\$ 270.10						
1	25	CTS						
		1.13	29	PS	3	80	3152010030WT	\$ 55.50
				SS			3152010030IT-W	\$ 68.00
				PS	6	150	3152010060WT	\$ 110.90
				SS			3152010060IT-W	\$ 134.90
				PS	9	230	3152010090WT	\$ 166.80
				SS			3152010090IT-W	\$ 202.60
				PS	12	300	3152010120WT	\$ 222.00
SS	3152010120IT-W	\$ 270.10						
1 1/4	32	IPS						
		1.66	42	PS	3	80	3152012030WA	\$ 57.00
				SS			3152012030IW	\$ 68.60
				PS	6	150	3152012060WA	\$ 113.80
				SS			3152012060IW	\$ 137.80
				PS	9	230	3152012090WA	\$ 170.80
				SS			3152012090IW	\$ 204.10
				PS	12	300	3152012120WA	\$ 227.30
SS	3152012120IW	\$ 275.50						
1 1/4	32	CTS						
		1.38	35	PS	3	80	3152012030WT	\$ 57.00
				SS			3152012030IT-W	\$ 68.60
				PS	6	150	3152012060WT	\$ 113.80
				SS			3152012060IT-W	\$ 137.80
				PS	9	230	3152012090WT	\$ 170.80
				SS			3152012090IT-W	\$ 204.10
				PS	12	300	3152012120WT	\$ 227.30
SS	3152012120IT-W	\$ 275.50						

3152W SMALL DIAMETER COMPLETE CIRCLE

Nominal Pipe Size		Pipe OD Range		BOLTS	Width		Part Number	List Price
Custom Sizes and Ranges Available					Inches	MM		
Inches	MM	Inches	MM					
1 1/2	40	IPS		PS	3	80	3152015030WA	\$ 58.50
		1.90	48	SS			3152015030IW	\$ 70.60
				PS	6	150	3152015060WA	\$ 117.00
				SS			3152015060IW	\$ 141.00
				PS	9	230	3152015090WA	\$ 175.50
				SS			3152015090IW	\$ 211.40
				PS	12	300	3152015120WA	\$ 234.10
				SS			3152015120IW	\$ 281.90
1 1/2	40	CTS		PS	3	80	3152015030WT	\$ 58.50
		SS	3152015030IT-W	\$ 70.60				
		PS	6	150	3152015060WT	\$ 117.00		
		SS			3152015060IT-W	\$ 141.00		
		PS	9	230	3152015090WT	\$ 175.50		
		SS			3152015090IT-W	\$ 211.40		
		PS	12	300	3152015120WT	\$ 234.10		
		SS			3152015120IT-W	\$ 281.90		
2	50	IPS		PS	3	80	3152020030WA	\$ 63.60
		2.38	60	SS			3152020030IW	\$ 81.60
				PS	6	150	3152020060WA	\$ 127.40
				SS			3152020060IW	\$ 163.30
				PS	9	230	3152020090WA	\$ 191.00
				SS			3152020090IW	\$ 244.90
				PS	12	300	3152020120WA	\$ 254.80
				SS			3152020120IW	\$ 326.50
2	50	CTS		PS	3	80	3152020030WT	\$ 63.60
		SS	3152020030IT-W	\$ 81.60				
		PS	6	150	3152020060WT	\$ 127.40		
		SS			3152020060IT-W	\$ 163.30		
		PS	9	230	3152020090WT	\$ 191.00		
		SS			3152020090IT-W	\$ 244.90		
		PS	12	300	3152020120WT	\$ 254.80		
		SS			3152020120IT-W	\$ 326.50		

PS = Plated Steel Bolts SS = Stainless Steel Bolts

HOW TO ORDER: Specify Model Number, Pipe Size with OD, Width, and Type of Bolt. EXAMPLE: 2" Copper O.D. 2.13 with 6" wide Plated Steel Bolts. Order 3152W - 2.13 x 6 PS. **Part Number:** 3152020060WT.

3153PS-W SMALL DIAMETER COMPLETE CIRCLE

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

GASKET: Molded Waffle NBR design from 100% new rubber to ensure performance under varying pressures with superior storage characteristics. Suitable for oil, mild acids, water, salt media and most aliphatic hydrocarbon fluids with a temperature range of -25°F to +248°F.

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

BOLTS & NUTS: Carbon Steel per ASTM A307, with electrogalvanized dichromate finish for added corrosion resistance. Optional Stainless Steel available.

LUGS: Ductile Iron per ASTM A536 with electro-galvanized finish.



Nominal Pipe Size		Pipe OD Range		BOLTS	Width		Part Number	Price List
Custom Sizes and Ranges Available					Inches	MM		
Inches	MM	Inches	MM					
1/2	15	IPS		PS	3	80	3153005030WA-PS	\$ 43.80
		0.84	21	SS			3153005030IW-PS	\$ 65.80
				PS	6	150	3153005060WA-PS	\$ 93.20
				SS			3153005060IW-PS	\$ 114.80
				PS	9	230	3153005090WA-PS	\$ 186.50
				SS			3153005090IW-PS	\$ 229.70
				PS	12	300	3153005120WA-PS	\$ 239.10
		SS	3153005120IW-PS	\$ 294.10				
1/2	15	CTS		PS	3	80	3153005030WT-PS	\$ 43.80
		0.63	18	SS			3153005030IWT-PS	\$ 65.80
				PS	6	150	3153005060WT-PS	\$ 93.20
				SS			3153005060IWT-PS	\$ 114.80
				PS	9	230	3153005090WT-PS	\$ 186.50
				SS			3153005090IWT-PS	\$ 229.70
				PS	12	300	3153005120WT-PS	\$ 239.10
		SS	3153005120IWT-PS	\$ 294.10				
3/4	20	IPS		PS	3	80	3153007030WA-PS	\$ 44.30
		1.05	27	SS			3153007030IW-PS	\$ 66.40
				PS	6	150	3153007060WA-PS	\$ 93.70
				SS			3153007060IW-PS	\$ 119.70
				PS	9	230	3153007090WA-PS	\$ 187.50
				SS			3153007090IW-PS	\$ 239.30
				PS	12	300	3153007120WA-PS	\$ 239.10
		SS	3153007120IW-PS	\$ 305.20				

3153PS-W SMALL DIAMETER COMPLETE CIRCLE

Nominal Pipe Size		Pipe OD Range		BOLTS	Width		Part Number	Price List
Custom Sizes and Ranges Available					Inches	MM		
Inches	MM	Inches	MM					
3/4	20	CTS		PS	3	80	3153007030WT-PS	\$ 43.90
		0.88	22	SS			3153007030IWT-PS	\$ 66.40
				PS	6	150	3153007060WT-PS	\$ 93.50
				SS			3153007060IWT-PS	\$ 115.00
				PS	9	230	3153007090WT-PS	\$ 119.80
				SS			3153007090IWT-PS	\$ 147.00
				PS	12	300	3153007120WT-PS	\$ 153.70
		SS	3153007120IWT-PS	\$ 188.00				
1	25	IPS		PS	3	80	3153010030WA-PS	\$ 46.90
		1.32	34	SS			3153010030IW-PS	\$ 69.90
				PS	6	150	3153010060WA-PS	\$ 94.40
				SS			3153010060IW-PS	\$ 120.80
				PS	9	230	3153010090WA-PS	\$ 188.90
				SS			3153010090IW-PS	\$ 241.50
				PS	12	300	3153010120WA-PS	\$ 241.70
		SS	3153010120IW-PS	\$ 309.50				
1	25	CTS		PS	3	80	3153010030WT-PS	\$ 46.20
		1.13	29	SS			3153010030IWT-PS	\$ 69.00
				PS	6	150	3153010060WT-PS	\$ 94.00
				SS			3153010060IWT-PS	\$ 120.00
				PS	9	230	3153010090WT-PS	\$ 120.50
				SS			3153010090IWT-PS	\$ 153.50
				PS	12	300	3153010120WT-PS	\$ 154.50
		SS	3153010120IWT-PS	\$ 196.70				
1 1/4	32	IPS		PS	3	80	3153012030WA-PS	\$ 47.80
		1.66	42	SS			3153012030IW-PS	\$ 70.70
				PS	6	150	3153012060WA-PS	\$ 95.60
				SS			3153012060IW-PS	\$ 122.00
				PS	9	230	3153012090WA-PS	\$ 191.80
				SS			3153012090IW-PS	\$ 244.50
				PS	12	300	3153012120WA-PS	\$ 245.50
		SS	3153012120IW-PS	\$ 313.30				

3153PS-W SMALL DIAMETER COMPLETE CIRCLE

Nominal Pipe Size		Pipe OD Range		BOLTS	Width		Part Number	Price List
Custom Sizes and Ranges Available					Inches	MM		
Inches	MM	Inches	MM					
1 1/4	32	CTS						
		1.38	35	PS	3	80	3153012030WT-PS	\$ 47.20
				SS			3153012030IWT-PS	\$ 70.20
				PS	6	150	3153012060WT-PS	\$ 95.20
				SS			3153012060IWT-PS	\$ 121.50
				PS	9	230	3153012090WT-PS	\$ 122.10
				SS			3153012090IWT-PS	\$ 155.80
				PS	12	300	3153012120WT-PS	\$ 156.50
				SS			3153012120IWT-PS	\$ 199.80
1 1/2	40	IPS						
		1.90	48	PS	3	80	3153015030WA-PS	\$ 49.40
				SS			3153015030IW-PS	\$ 72.50
				PS	6	150	3153015060WA-PS	\$ 97.40
				SS			3153015060IW-PS	\$ 123.60
				PS	9	230	3153015090WA-PS	\$ 194.90
				SS			3153015090IW-PS	\$ 247.30
				PS	12	300	3153015120WA-PS	\$ 249.80
				SS			3153015120IW-PS	\$ 315.90
1 1/2	40	CTS						
		1.63	41	PS	3	80	3153015030WT-PS	\$ 48.00
				SS			3153015030IWT-PS	\$ 95.90
				PS	6	150	3153015060WT-PS	\$ 71.00
				SS			3153015060IWT-PS	\$ 122.20
				PS	9	230	3153015090WT-PS	\$ 92.00
				SS			3153015090IWT-PS	\$ 156.70
				PS	12	300	3153015120WT-PS	\$ 118.00
				SS			3153015120IWT-PS	\$ 200.90

3153PS-W SMALL DIAMETER COMPLETE CIRCLE

Nominal Pipe Size		Pipe OD Range		BOLTS	Width		Part Number	Price List
Custom Sizes and Ranges Available					Inches	MM		
Inches	MM	Inches	MM					
2	50	IPS		PS	3	80	3153020030WA-PS	\$ 53.80
		2.38	60	SS			3153020030IW-PS	\$ 77.60
				PS	6	150	3153020060WA-PS	\$ 100.00
				SS			3153020060IW-PS	\$ 126.60
				PS	9	230	3153020090WA-PS	\$ 199.90
				SS			3153020090IW-PS	\$ 253.10
				PS	12	300	3153020120WA-PS	\$ 256.30
		SS	3153020120IW-PS	\$ 323.50				
2	50	CTS		PS	3	80	3153020030WT-PS	\$ 52.80
		2.13	54	SS			3153020030IWT-PS	\$ 98.50
				PS	6	150	3153020060WT-PS	\$ 75.20
				SS			3153020060IWT-PS	\$ 124.80
				PS	9	230	3153020090WT-PS	\$ 96.50
				SS			3153020090IWT-PS	\$ 160.00
				PS	12	300	3153020120WT-PS	\$ 124.70
		SS	3153020120IWT-PS	\$ 205.00				

PS = Plated Steel Bolts SS = Stainless Steel Bolts

HOW TO ORDER: Specify Model Number, Pipe Size with OD, Width and Type of Bolt. **EXAMPLE:** 2" Copper O.D. 2.13 with 6" wide and Plated Steel Bolts. Order 3153PS-W - 2.13 x 6PS. **Part Number:** 3153020060WT-PS .

3202 / 3202LB SPLIT SLEEVE REPAIR CLAMP**BODY CASTING:** Ductile Iron per ASTM A536.**GASKET:** SBR per ASTM D2000.**BOLTS & NUTS:** Low Alloy Steel per ASTM A325 AND ASTM A563.**FINISH:** Epoxy.

3202									
Nominal Pipe Size		Pipe OD Range		Approx Weight		Part Number	List Price		
Inches	MM	Inches	MM	lbs.	kgs.				
6	150	6.84 - 6.96	174-177	34	15	320206000000	Standard	\$ 444.90	
						32020600000C	Tapped	\$ 541.90	
3202 LB									
6	150	6.84 - 6.96	174-177	75	34	320206LB0000	Standard	\$ 988.60	
						320206LB000C	Tapped	\$ 1,085.60	
3202									
8	200	8.99-9.11	228-231	44	20	320208000000	Standard	\$ 549.60	
						32020800000C	Tapped	\$ 646.30	
3202 LB									
8	200	8.99-9.11	228-231	90	41	320208LB0000	Standard	\$ 1,221.10	
						320208LB000C	Tapped	\$ 1,318.10	

The Standard unit is also available with a 3/4" NPT / CC Tapped Outlet and Plug for venting purposes.

HOW TO ORDER: Specify Model Number, and Pipe Size. EXAMPLE: 6" Standard Split Sleeve Repair Clamp.
Order 3202-6" **Part Number:** 320206000000.

MORE INFORMATION: The Split Sleeve Repair Clamp has been reintroduced (formerly the Clow Model F1202) for those customers who need a rugged heavy duty repair sleeve for Ductile and Cast Iron pipe. This ductile iron bodied fitting is strong enough to realign offset and deflected pipe that has a circumferential break.

3232 BELL JOINT LEAK CLAMP

(FOR CAULKED & PUSH-ON CAST IRON AND DUCTILE IRON PIPE JOINTS)

CASTINGS: Ductile Iron per ASTM A536.

GASKET: NBR produced from 100% new rubber to ensure performance under varying pressures with superior storage characteristics. Suitable for oil, mild acids, water, salt media and most aliphatic hydrocarbon fluids with a temperature range of -25°F to +248°F.

BOLTS & NUTS: Low Alloy Steel per ASTM A325 and ASTM A563. Optional Stainless Steel available.

FINISH: Epoxy.



3232

Nominal Pipe Size		Pipe OD Range		Approx Weight		Part Number	List Price	Part Number SS BOLTS	List Price
Inches	MM	Inches	MM	lbs.	kgs.				
3	80	3.80-3.96	97-101	23	10	3232030000HA	\$ 253.90	323203SS00HA	\$ 339.00
4	100	4.80-5.00	122-127	25	11	3232040000HA	\$ 261.40	323204SS00HA	\$ 347.00
6	150	6.90-7.10	175-180	32	15	3232060000HA	\$ 287.90	323206SS00HA	\$ 373.00
8	200	9.05-9.30	230-236	37	17	3232080000HA	\$ 397.90	323208SS00HA	\$ 530.00
10	250	11.10-11.40	282-290	45	20	3232100000HA	\$ 499.90	323210SS00HA	\$ 631.00
12	300	13.20-13.50	335-343	69	31	3232120000HA	\$ 540.70	323212SS00HA	\$ 660.30
14	350	15.30-15.65	385-393	85	38	3232140000HA	\$ 692.50	323214SS00HA	\$ 884.60
16	400	17.40-17.80	442-452	103	47	3232160000HA	\$ 844.40	323216SS00HA	\$ 1,108.80
18	450	19.50-19.92	492-502	115	52	3232180000HA	\$ 1,173.30	323218SS00HA	\$ 1,436.90
20	500	21.60-22.06	549-560	138	63	3232200000HA	\$ 1,362.60	323220SS00HA	\$ 1,625.70
24	600	25.80-26.32	655-669	157	71	3232240000HA	\$ 1,551.80	323224SS00HA	\$ 1,814.50
30*	750	31.74-32.00	806-813	199	90	3232300000HA	\$ 2,736.80	323230SS00HA	\$ 3,580.10
36**	900	37.96-38.70	964-982	300	137	3232360000HA	\$ 3,298.30	323236SS00HA	\$ 4,131.70
48**	1200	50.50-51.98	1282-1320	CONSULT FACTORY		3232480000HA	POA	323248SS00HA	POA

*Please advise factory at time of ordering when to be used on PVC pipe.

**Fabricated in Carbon Steel

HOW TO ORDER: Specify Model Number, and Pipe Size. EXAMPLE: 24" Bell Joint for DI/CI Pipe. Order 3232-24. **Part Number:** 3232240000HA .