

### 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 .