



Full Circle[®] Repair Clamp

Single Band, Low Pressure

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Description:

These clamps provide fast, economical means for repairing full circumferential breaks, holes, cracks and other types of damage.

Application:

Works on Cast and Ductile Iron, Steel, Asbestos Cement, Copper, Aluminum, PVC, Fiberglass and other pipe types where pressure does not exceed 50 PSI.

Key Features:

- Stainless Steel bands
- Working pressure up to 50 PSI
- Nominal temperature range -20°F to 180°F
- Removable lugs to allow installation in tight spaces
- May be used to join plain end pipe of the same diameter
- 360° gasket seal

Materials Specifications (subject to change):

BAND: Stainless Steel Type 304

LUGS: Ductile Iron ASTM A536, 80-55-06

GASKET: Nitrile (Buna N) compounded to produce superior storage and performance characteristics, while resisting water, acids, alkalis, most (aliphatic) hydrocarbon and many other chemicals

Temperature Range: -20°F to 180°F. Consult manufacturer for specific applications and other service temperatures

BRIDGE PLATE: 304 Stainless Steel recessed flush and bonded into gasket

BOLTS: High strength, low alloy Steel with heavy, semi-finished hexagon nuts per ANSI B.18.2.2

Optional 304 Stainless bolts with fluoropolymer coated nuts to reduce galling

FINISH: Flexi-Coat[®] Fusion Bonded Epoxy

Pipe Applications: Cast and Ductile Iron, Steel, Asbestos Cement, Copper, Aluminum, PVC, Fiberglass and other pipe types where pressure does not exceed 50 PSI

Sizes (in inches): 2, 2 ¼-2 ½, 3, 3-4, 4, 4-5, 6, 8, 8-10, 10, 10-12, 12, 12-14



THIS PRODUCT DOES NOT RESTRAIN PIPE MOVEMENT. Proper anchoring is required to prevent pipe pullout. Failure to anchor or improper anchoring can result in dangerous pipe content escape, property damage, serious injury, or death. Read the product installation instructions prior to installing this product.



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| STANDARD | | | | WITH LOW ALLOY BOLTS & NUTS | WITH STAINLESS STEEL BOLTS & NUTS | METRIC | | | |
|---------------------|-----------------|--------------|--------------|-----------------------------|-----------------------------------|-----------------|-------------|----------|------------|
| NOMINAL SIZE INCHES | OD RANGE INCHES | WIDTH INCHES | WT. EACH LBS | CATALOG NUMBER | CATALOG NUMBER | NOMINAL SIZE MM | OD RANGE MM | WIDTH MM | WT EACH KG |
| 2 | 2.35-2.63 | 5 | 6 | 221-00023805-000 | 221-00023805-001 | 50 | 60-67 | 127 | 2.7 |
| 2 1/4-2 1/2 | 2.70-3.00 | 5 | 6 | 221-00027505-000 | 221-00027505-001 | 65 | 69-76 | 127 | 2.7 |
| 3 | 2.97-3.25 | 5 | 6 | 221-00030005-000 | 221-00030005-001 | 65-80 | 75-83 | 127 | 2.8 |
| | 3.46-3.70 | 5 | 6 | 221-00035005-000 | 221-00035005-001 | | 88-94 | 127 | 2.8 |
| 3-4 | 3.73-4.00 | 5 | 6 | 221-00037505-000 | 221-00037505-001 | 80-100 | 95-102 | 127 | 2.9 |
| | 3.96-4.25 | 5 | 6 | 221-00040005-000 | 221-00040005-001 | | 101-108 | 127 | 2.9 |
| 4 | 4.45-4.73 | 5 | 7 | 221-00045005-000 | 221-00045005-001 | 100 | 113-120 | 127 | 3.0 |
| | 4.74-5.14 | 5 | 7 | 221-00048005-000 | 221-00048005-001 | | 120-131 | 127 | 3.3 |
| 4-5 | 4.95-5.35 | 5 | 7 | 221-00050005-000 | 221-00050005-001 | 125 | 126-136 | 127 | 3.3 |
| | 5.22-5.62 | 5 | 7 | 221-00052505-000 | 221-00052505-001 | | 133-143 | 127 | 3.4 |
| 6 | 5.95-6.35 | 5 | 8 | 221-00060005-000 | 221-00060005-001 | 125-150 | 151-161 | 127 | 3.4 |
| | 6.56-6.96 | 5 | 8 | 221-00066305-000 | 221-00066305-001 | | 167-177 | 127 | 3.5 |
| | 6.84-7.24 | 5 | 8 | 221-00069005-000 | 221-00069005-001 | | 174-184 | 127 | 3.5 |
| | 7.05-7.45 | 5 | 8 | 221-00071005-000 | 221-00071005-001 | | 179-189 | 127 | 3.6 |
| | 7.45-7.85 | 5 | 8 | 221-00074505-000 | 221-00074505-001 | | 189-199 | 127 | 3.6 |
| 8 | 7.95-8.35 | 5 | 8 | 221-00080005-000 | 221-00080005-001 | 200 | 202-212 | 127 | 3.6 |
| | 8.54-8.94 | 5 | 9 | 221-00086305-000 | 221-00086305-001 | | 217-227 | 127 | 3.9 |
| | 8.99-9.39 | 5 | 9 | 221-00090505-000 | 221-00090505-001 | | 226-239 | 127 | 3.9 |
| | 9.27-9.67 | 5 | 9 | 221-00094005-000 | 221-00094005-001 | | 235-246 | 127 | 3.9 |
| 8-10 | 9.70-10.10 | 5 | 9 | 221-00100005-000 | 221-00100005-001 | 225 | 246-257 | 127 | 3.9 |
| | 10.10-10.50 | 5 | 9 | 221-00102005-000 | 221-00102005-001 | | 247-267 | 127 | 4.3 |
| 10 | 10.64-11.04 | 5 | 10 | 221-00107505-000 | 221-00107505-001 | 250 | 270-280 | 127 | 4.3 |
| | 11.04-11.44 | 5 | 10 | 221-00111005-000 | 221-00111005-001 | | 280-291 | 127 | 4.4 |
| | 11.34-11.74 | 5 | 10 | 221-00114005-000 | 221-00114005-001 | | 288-298 | 127 | 4.4 |
| | 11.75-12.15 | 5 | 10 | 221-00117505-000 | 221-00117505-001 | | 298-309 | 127 | 4.4 |
| 10-12 | 12.00-12.40 | 5 | 10 | 221-00120005-000 | 221-00120005-001 | 250-315 | 305-315 | 127 | 4.5 |
| 12 | 12.62-13.02 | 5 | 10 | 221-00127505-000 | 221-00127505-001 | 300 | 321-331 | 127 | 4.6 |
| | 13.10-13.50 | 5 | 10 | 221-00132005-000 | 221-00132005-001 | | 333-343 | 127 | 4.7 |
| | 13.40-13.80 | 5 | 10 | 221-00134005-000 | 221-00134005-001 | | 340-351 | 127 | 4.7 |
| 12-14 | 13.70-14.10 | 5 | 11 | 221-00137005-000 | 221-00137005-001 | 300-350 | 348-358 | 127 | 5.1 |
| | 14.00-14.40 | 5 | 11 | 221-00140005-000 | 221-00140005-001 | | 356-366 | 127 | 5.3 |

NOTE: Other sizes available upon request.