



# Bell Joint Leak Clamp

# 274

**Description:** Bell Joint Leak Clamp.

**Application:** Sealing and/or preventing leaks on Cast Iron bell and spigot caulked or rubber ring joints.

## Key Features:

- Designed to fit both caulked or rubber ring joints in virtually all classes and brands of Cast Iron or Ductile Iron pipe within same nominal size
- Suitable for use on C900 and C905 PVC through 24" with the use of longer bolts-DR 18 minimum
- Kee-Lok gasket design eliminates need for field cutting gaskets—the ends are easily joined—no need of staples, tongs, tape or other gadgets to hold the gasket ends together (not available in 14", 30" or 36")
- Flexi-Coat® Fusion-Bonded Epoxy finish standard for great corrosion resistance
- Can be used to prevent leaking bell gaskets as well as repairing them
- Can be installed without interrupting the flow of the pipeline
- Front and back pieces are interchangeable
- All Bell-Spigot pieces are identical, making installation easier

## Materials Specifications (subject to change):

BELL-SPIGOT RING: Ductile Iron per ASTM 536 or Carbon Steel on 14" size only—ASTM A36

GASKET: Nitrile (Buna N) – Compounded to resist oil, natural gas, acids, alkalis, most (aliphatic) hydrocarbon, water and other chemicals

BOLTS & NUTS: High strength, low alloy Steel with heavy, semi-finished hexagon nuts to ANSI-A21.11 standards. Two inch clamps have electro-galvanized Steel studs.

Temperature Range: -20°F to +180°F

FINISH: Flexi-Coat®, Fusion-Bonded Epoxy Finish

**Working Pressure:** 150 PSI (water).

**Pipe Applications:** Ductile Iron, Cast Iron

**Sizes (in inches):** 2, 3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 24, 30, 36



**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.



36 Hudson Rd  
Sudbury MA 01776



800-225-4616  
www.tisales.com



# Bell Joint Leak Clamp

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Ductile Iron Pipe and Short Bell C900 & C905 PVC

(DR 18 minimum)

STANDARD			(+ ) BOLTS		CATALOG NUMBER	METRIC		
NOMINAL PIPE SIZE INCHES	PIPE O.D. RANGE INCHES	WEIGHT EACH LBS.	NO.	BOLT SIZE INCHES		NOMINAL PIPE SIZE MM	O.D. RANGE MM	WEIGHT EACH KG
2†	2.50	3	4	1/2 x 7	274-0000250-000	50	64	1.4
3†	3.80-3.96	15	4	5/8 x 9	274-0000380-000	80	97-100	6.8
4†	4.80-5.00	18	4	5/8 x 9	274-0000480-000	100	122-127	8.2
6	6.90-7.10	22	4	5/8 x 9	274-0000690-000	150	175-180	10.0
8	9.05-9.30	31	6	5/8 x 10 1/2	274-0000905-000	200	230-236	14.1
10	11.10-11.40	35	6	5/8 x 10 1/2	274-0001110-000	250	282-289	15.9
12	13.20-13.50	45	6	5/8 x 10 1/2	274-0001320-000	300	336-342	20.4
14*	15.30	52	8	5/8 x 11	274-0001530-000	350	389	24.0
14*	15.65	54	8	5/8 x 11	274-0001565-000	350	398	25.0
16	17.40-17.80	73	9	5/8 x 13	274-0001740-000	400	442-452	33.1
18	19.50-19.92	84	12	5/8 x 13	274-0001950-000	450	495-505	38.1
20	21.60-22.06	112	12	5/8 x 13	274-0002160-000	500	549-560	50.8
24	25.80-26.32	124	12	5/8 x 13	274-0002580-000	600	655-668	56.3
30†*	31.74-32.74	239	15	5/8 x 17	274-0003174-000	762	806-832	108.6
36†*	37.96-38.70	295	18	5/8 x 17	274-0003796-000	914	964-983	134.1

\*Fabricated Carbon Steel. †Not recommended for PVC pipe. \*Available with Bias Cut Gasket Only  
May be used on C900 & C905, Cast Iron pipe sizes. Longer bolts may be required (see below).

Ductile Iron Pipe and Longer Bell C900 & C905 PVC

(DR 18 minimum)

STANDARD			(+ ) BOLTS		CATALOG NUMBER**	METRIC		
NOMINAL PIPE SIZE INCHES	PIPE O.D. RANGE INCHES	WEIGHT EACH LBS.	NO.	BOLT OR STUD SIZE INCHES		NOMINAL PIPE SIZE MM	O.D. RANGE MM	WEIGHT EACH KG
4†	4.80-5.00	19	4	5/8 x 17	274-4000480-500	100	122-127	8.6
6	6.90-7.10	23	4	5/8 x 17	274-4000690-500	150	175-180	10.4
8	9.05-9.30	33	6	5/8 x 17	274-3000905-500	200	230-236	15.0
10	11.10-11.40	37	6	5/8 x 17	274-30001110-500	250	282-289	16.8
12	13.20-13.50	48	6	5/8 x 17	274-30001320-500	300	336-342	21.8
14*	15.30	54	8	5/8 x 17	274-30001530-500	350	389	20.9
14*	15.65	58	8	5/8 x 17	274-30001565-500	350	398	26.3
16	17.40-17.80	78	9	5/8 x 25	274-40001740-000	400	442-452	35.4
18	19.50-19.92	90	12	5/8 x 25	274-40001950-000	450	495-505	40.8
20	21.60-22.06	118	12	5/8 x 25	274-40002160-000	500	549-560	53.5
24	25.80-26.32	130	12	5/8 x 25	274-40002580-000	600	655-668	59.0
30†*	31.74-32.74	245	15	5/8 x 27	274-40003174-000	762	806-832	111.1
36†*	37.96-38.70	301	18	5/8 x 27	274-40003796-000	914	964-983	136.5

\*Fabricated Carbon Steel †Not recommended for PVC pipe. \*Available with Bias Cut Gasket Only \*\*-500 end code = 12" of thread  
\*\*-000 end code = All thread.



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