



## Allied Bolt

### Bonding Water Pipe Clamps

#### Features

- All Pipe Clamps are UL® Listed, file # E211717
- Pipe Clamps show the corresponding UL stamp and the minimum and maximum wire size accepted (NEC requirement)
- Lightning surge tested. Clamp passes 1,500 amps of current for 6 seconds (UL® requirement)



#### Application

Pipe Clamps are designed to permanently connect a ground wire/conductor to a metallic pipe or conduit creating a bond to the common utility ground. Pipe Clamps are suitable for grounding applications in commercial and industrial wiring, telephone, satellite and cable television. Pipe Clamps are compliant with the practices outlined in Articles 800, 810, 820 and Section 250 of the NEC (National Electric Code).

To accommodate a wide range of pipe and conduit diameters, Pipe Clamps are manufactured in two sizes:

- ½" to 1"
- 1¼" to 2"

Pipe Clamps are manufactured from Bronze or Tin Plated Aluminum. All metals have electric potentials. Metals with similar electric potentials are compatible. Metals with dissimilar electric potentials are not. It is important to couple metals that are compatible with each other. When installing on a pipe constructed from a material that is incompatible with a Pipe Clamp, galvanic corrosion may occur. This reaction can greatly reduce the life and effectiveness of the ground connection. To prevent this reaction, refer to the chart below in selecting the proper clamp for your application.

# Bonding Water Pipe Clamps

## Specifications

Connector is cast from Silicon Bronze

Bronze Clamps are cast from high-strength bronze and are installed with Zinc plated Grade 2 Steel screws

Direct Burial Bronze Clamps suitable for underground applications are cast from high-strength Bronze and are installed with Silicon Bronze screws. These clamps are UL® Listed for Direct Burial

Aluminum Clamps are extruded from 6063-T6 Aluminum and then electrically tin plated. Clamps are installed with Zinc plated Grade 2 Steel screws

## Clamp Body Material

	Bronze	Aluminum Tin Plated
<b>Conductor/Ground Wire Material</b>		
Copper	Yes	Yes
Aluminum	No	Yes
<b>Pipe/Electrode Material Clamp Is Attached to</b>		
Copper	Yes	Yes
Aluminum	No	Yes
Cast Iron	No	Yes
Stainless Steel	Yes	No
Galvanized Steel	No	No

## Installation

1. Select location to install Pipe Clamp
2. Use sand paper or emery cloth to clean grease, dirt, or paint from surface
3. Loosen attachment screws on clamp
4. Place clamp on pipe
5. Tighten attachment screws
6. Remove 1" of jacket from ground wire
7. Attach "Ground Wire Warning Tag"
8. Insert ground wire in hole under ground screw and tighten. Bend end of ground wire around clamp

## Ordering Information

ARRIS #	Mfg #	Description	Pipe Range	Wire Range	Std Pkg	Case
722784	967	Clamp, Bonding Water Pipe Aluminum (UL® Listed)	½" - 1"	#14 SOL - 1/0 STR	50	100
209598	968	Clamp, Pipe Aluminum	1¼" - 2"	#6 SOL - 5/0 STR	50	50
209590	965	Clamp, Bonding Water Pipe Bronze (UL® Listed)	½" - 1"	#14 SOL - #4 SOL	25	100
209586	966	Clamp, Bonding Water Pipe Bronze (UL® Listed)	1¼" - 2"	#14 SOL - #4 SOL	50	50

Manufactured in the United States.

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