

Pipe Clamp

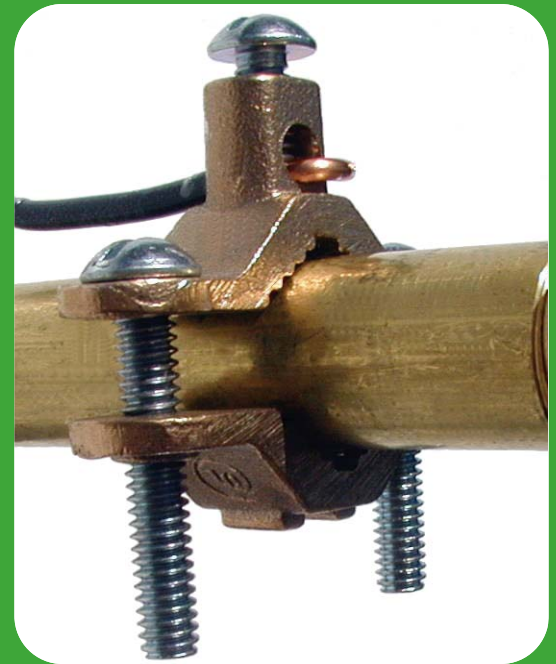
FUNCTION

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).

PLACEMENT

To accommodate a wide range of pipe and conduit diameters, Pipe Clamps are manufactured in two sizes: 1/2" to 1" and 1 1/4" to 2".

Allied Bolt Pipe Clamps are manufactured from Bronze, Tin Plated Aluminum, or Die Cast Zinc. 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.



CONDUCTOR / GROUND WIRE MATERIAL	CLAMP BODY MATERIAL		
	Bronze	Aluminum Tin Plated	Zinc
Copper	Yes	Yes	No
Aluminum	No	Yes	Yes
PIPE / ELECTRODE MATERIAL CLAMP IS ATTACHED TO			
Copper	Yes	Yes	No
Aluminum	No	Yes	Yes
Cast Iron	No	Yes	Yes
Stainless Steel	Yes	No	Yes
Galvanized Steel	No	No	Yes



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.

MATERIAL SPECIFICATIONS

- 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.
- Zinc Pipe Clamps are manufactured from die cast Zinc Alloy and are installed with Zinc plated Grade 2 Steel screws.

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).

IDENTIFICATION

PART NO.	DESCRIPTION	PIPE RANGE	WIRE RANGE	STD PKG	CASE
965	Bronze Pipe Clamp	1/2" - 1"	#14 SOL - #4 SOL	25	100
966	Bronze Pipe Clamp	1 1/4" - 2"	#14 SOL - #4 SOL	50	50
965DB	Bronze Pipe Clamp Direct Burial	1/2" - 1"	#10 SOL - #2 STR	25	100
966DB	Bronze Pipe Clamp Direct Burial	1 1/4" - 2"	#10 SOL - #2 STR	50	50
967	Aluminum Pipe Clamp	1/2" - 1"	#14 SOL - 1/0 STR	50	100
968	Aluminum Pipe Clamp	1 1/4" - 2"	#6 SOL - 5/0 STR	50	50
939	Zinc Pipe Clamp	1/2" - 1"	#10 SOL - #2 STR	25	50

Manufactured in the United States.