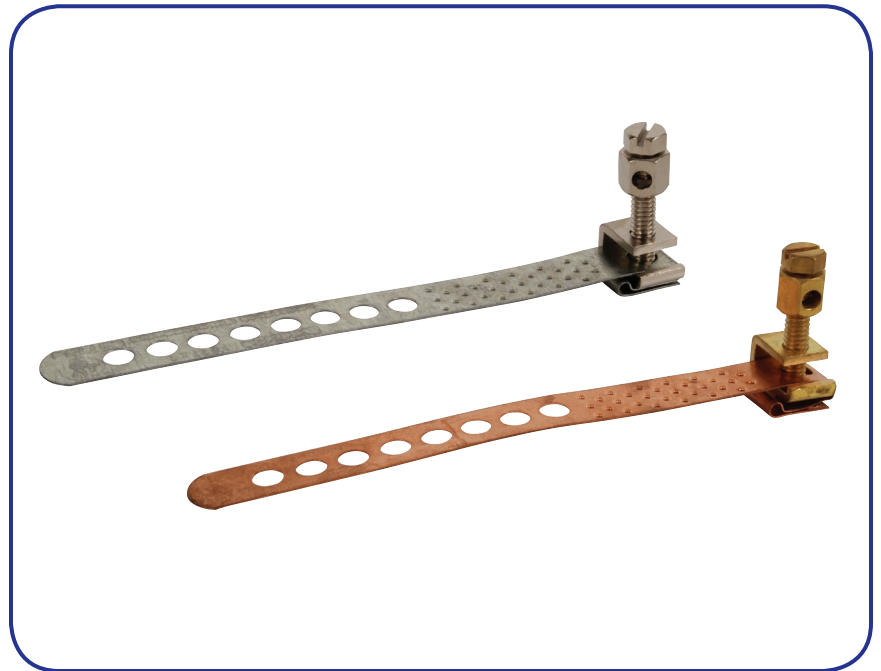




Allied Bolt

Premium Ground Straps



Features

- Patented "U" bracket design eliminates the need to remove hardware from strap to complete installation
- Straps are designed to accept ground wire ranging from #14 SOL to #6 SOL AWG
- All ground straps are stamped with the corresponding UL® Listing number, and the minimum and maximum wire size accepted (NEC Requirement)
- Raised projections on the strap help penetrate paint and corrosion to form a metal to metal bond. These raised projections eliminate the time consuming task of sanding the surface of the electrode before installing strap as required with competing products
- Tab (flapper) is formed with two thicknesses of material, at the end of the strap, to protect electrodes from being punctured when tightening the screw
- Ground wire is easily and securely fastened in Ground Strap. Competing straps require the ground wire to be wrapped inside a wire washer. This procedure is time consuming and craft sensitive

Application

Allied Bolt's Premium Ground Straps are used for permanently connecting a ground wire to a grounding electrode of various diameters, such as a pipe or a service conduit, without damaging the grounding electrode. Ground Straps are suitable for grounding applications in telephone, satellite television, and cable television. Premium Ground Straps are compliant with the practices outlined in Articles 800, 810, 820 and Section 250.94 of the NEC.

The Allied Bolt Premium Ground Strap is available in several lengths to accommodate a large range of pipe diameters. After strap is secured, excess strap material may be cut off or folded back for a clean installation.

The 24" galvanized ground strap may be used to secure ground wire to the cast housing used on the face of many electric meters. These housings are typically less than 6" in diameter.

Ground straps are manufactured from either pre-galvanized Steel or Copper. Strap selection is achieved by observing the base material of the grounding electrode. Pre-galvanized straps are designed for use on Steel (regardless of coating), Stainless Steel, and Aluminum grounding electrodes. Copper straps are designed for use on Copper grounding electrodes. Selecting the correct Strap for a corresponding grounding electrode is important in preventing contact between dissimilar metals that can cause galvanic corrosion.

When connecting a ground strap to a water pipe, always verify that the pipe is continuously metallic, with no intervening plastic sections or fittings, to the point where the power ground is connected to it. If unsure whether the piping system is bonded to a power ground (because the connection is not visible), the installer can measure the resistance between the water pipe and an electrical outlet ground to make a determination (NEC Section 250-80).

Premium Ground Straps

Additional Features

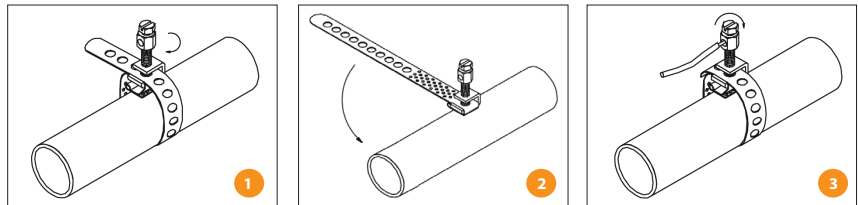
- Strap is stamped from 5/8" x .024" material stock. By using a larger stock size, Premium Ground Straps provide more surface contact for better conductivity. The Allied Bolt Premium Ground Strap is the only strap that is UL® listed for use with a #6 SOL AWG ground wire
- All mounting hardware on the strap can be installed with a Can Wrench
- Flat point on ground screw does not score ground wire
- Tightening torque exceeds 35 inch pound (UL® requirement)
- Lightning surge tested. Strap passes 1530 Amps of current for 6 second

Packaging

Corner Meter Box Connectors are packaged 50 to a carton with 4 cartons in a case

Installation

- Wrap strap around pipe and through "U" channel.
- Pull strap as tight as possible by hand. Place tightening bolt in closest hole. Tighten bolt to secure strap to pipe.
- Remove one inch of the ground wire jacket. Attach "Ground Wire Warning Tag". Insert ground wire, bend back around hex, and secure under ground screw.



Specifications

Copper straps are manufactured from ETP soft Copper to meet ASTM B-152
Galvanized straps are manufactured from pre-galvanized G90 Steel with a minimum plating thickness of .0017"
All hardware components (screws and "U" bracket) are formed from Alloy #270 Brass
Nickel plated hardware is used on galvanized straps to prevent the dissimilar metal contact of Zinc (galvanizing) and Brass
Ground Straps not designed for use in Direct Burial (DB) applications
UL® Listed File Number E178438

Ordering Information

ARRIS #	Mfg #	Description	Recommended for Pipes Ranging from	Std Pkg
209107	6AB	6" Copper Ground Strap	1/2" to 1"	400
209108	9AB	9" Copper Ground Strap	1 1/4" to 1 1/2"	400
209109	12AB	12" Copper Ground Strap	2" to 2 1/2"	200
209057	6GAB	6" Galvanized Ground Strap	1/2" to 1"	400
209058	9GAB	9" Galvanized Ground Strap	1 1/4" to 1 1/2"	400
209059	2GAB	12" Galvanized Ground Strap	2" to 2 1/2"	200
703255	24GAB	24" Galvanized Ground Strap	3" to 6"	100

Accessories

ARRIS #	Mfg #	Description	Std Pkg
211884	38716	Can/ Terminal Wrench; 3/8" and 7/16" Hex Socket	1

Manufactured in the United States.

The capabilities, system requirements and/or compatibility with third-party products described herein are subject to change without notice. ARRIS, the ARRIS logo, Auspice®, C3™, C4®, C4c™, Cadant®, C-COR®, CHP Max®, ConvergeMedia™, Cornerstone®, CXM™, D5™, Digicon®, Flex Max®, Keystone™, MONARCH®, n5™, nABLE™, nVision®, OpsLogic®, OpsLogic® Service Visibility Portal™, PLEXIS®, PowerSense™, Regal™, ServAssure™, Service Visibility Portal™, TeleWire Supply®, TLX®, Touchstone™, VoiceAssure™, VSM™, and WorkAssure™ are all trademarks of ARRIS Group, Inc. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and the names of their products. ARRIS disclaims proprietary interest in the marks and names of others. © Copyright 2009 ARRIS Group, Inc. All rights reserved. Reproduction in any manner whatsoever without the express written permission of ARRIS Group, Inc. is strictly forbidden. For more information, contact ARRIS.

