



EXPERTLY FASTEN

PRECISION WELDING

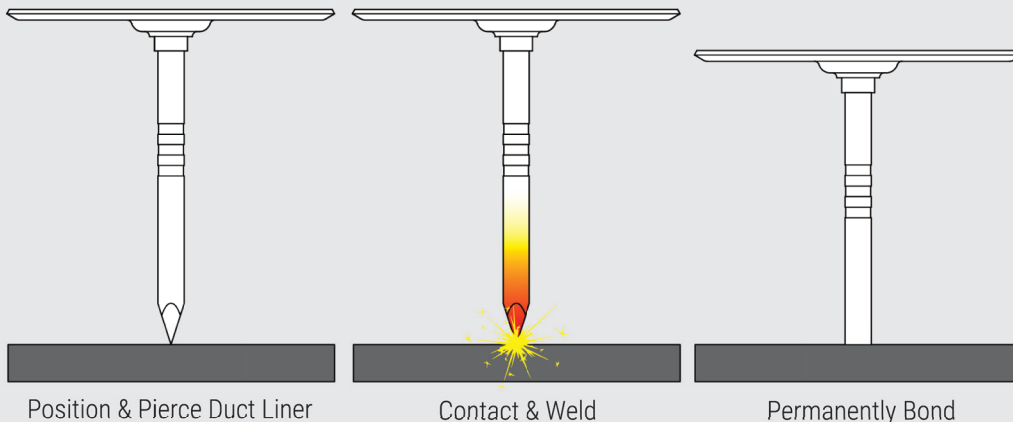
Permanently Attach Insulation to Metal in One Easy Step

Gripnail's Mini-Cup Head Capacitor Discharge Weld Pins are manufactured to be a single robust fastener. The precision attachment of cap and shank allows for better contact when welding. The optional protected adhesive on the underside of the cap acts as a superior insulator over traditional paper washers. The coating substantially reduces arcing when fastening foil face insulation, while the forged diamond point defines the standard of sharpness to cleanly pierce the toughest insulation.



The Mini-Cup Head Weld Pin will create a permanent weld that will endure for a higher quality insulation

How Mini-Cup Head Weld Pins Work



GRIPNAIL
FASTENING SYSTEMS
An Employee Owned Company
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What are Mini-Cup Head CD Weld Pins?

Mini-Cup Head Capacitor Discharge Weld Pins permanently attach insulation to metal in one easy step. Mini-Cup Heads have a 1 3/16" (25.40mm) in diameter Cap Size and they can be applied using 110 volt capacitor discharge welding.

Product Features

Better Welds

Special galvanized carbon alloy steel and the sharpest point in the industry lead to the best weld available. Each underside of the cap is designed with an extrusion to provide superior stability during installation and keeps the point of the nail perpendicular to the cap with the tightest of margins. This reduces misfires which will lower the unit cost of your productions.

Diamond Points

Forged diamond point design creates an extremely sharp point that cleanly pierces the toughest insulation for the best contact and weld current.

Beveled Edge Cap

A beveled edge on the cap depresses the surface of the insulation while preventing any tearing or cutting.

Superior Quality

Manufactured with pride in The U.S.A. to ISO 9001 quality control standards.

Technical Data

Operating Temperature Range

Mini-Cup Head Capacitor Discharge Weld Pins function properly over the normally accepted operating range of temperatures of 32 °F to 250 °F and are not adversely affected at temperatures 0 °F to 550 °F.

Environmental Safety

When used as intended, Mini-Cup Head Capacitor Discharge Weld Pins are non-toxic and safe as defined by current Federal Standard.

Use standard personal protective equipment when applying fasteners at all times.

Product Specifications

Part #	Insulated (Y/N)	Material Cap/Spindle	Spindle Length*	Spindle Gauge*	Packaging
MC-1000-12-G-C	N	Galv/Galv	1"	12	3,000/Unit
MC-1500-12-G-C	N	Galv/Galv	1 1/2"	12	2,000/Unit
MC-2000-12-G-C	N	Galv/Galv	2"	12	2,000/Unit
MC-3000-12-G-C	N	Galv/Galv	3"	12	1,000/Unit
MCI-1000-12-G-C	Y	Galv/Galv	1"	12	3,000/Unit
MCI-1500-12-G-C	Y	Galv/Galv	1 1/2"	12	2,000/Unit
MCI-2000-12-G-C	Y	Galv/Galv	2"	12	2,000/Unit
MCI-3000-12-G-C	Y	Galv/Galv	3"	12	1,000/Unit

*If the exact fastener for your application does not appear on the listing, call us to see if we might be able to make it for you. Many custom sized fasteners can be produced with a variety of specifications.



The PowerPinner 7310 is the optimal Benchtop pin welding tool for the Mini-Cup Head Weld Pins



Packed into a compact rugged unit the PowerPinner 7300 is the mobile versatile welding option for the Mini-Cup Head Weld Pins



ISO 9001 Certified
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