

# PRECISION MANUFACTURED | FOR REDUCED DOWNTIME

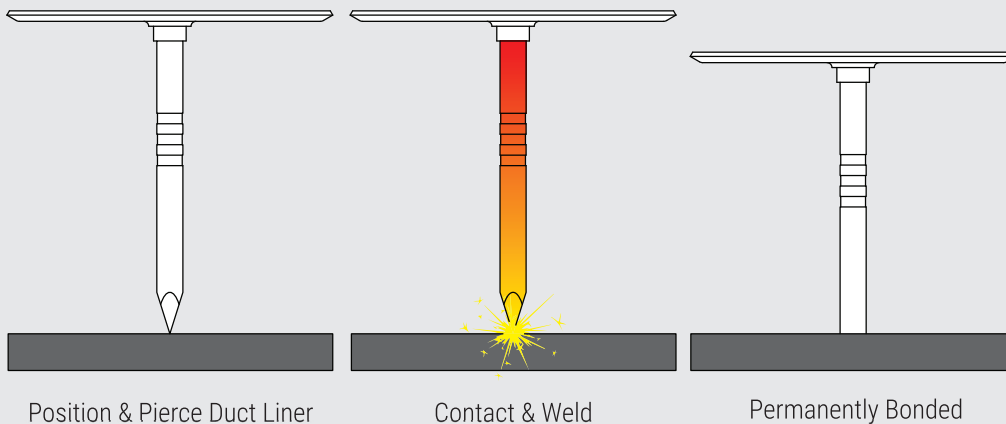
## Resistance Weld Pin For Lining Ductwork

PowerPoint Weld Pins save time and money because they perform consistently. Each point is precisely formed to provide optimum weld current and each cap and shank assembly is securely swaged and centered so that pins will feed without jamming, even in older welders. In addition, PowerPoint Weld Pins may be shipped in plastic buckets to eliminate shipping damage. The result is continuous production without the expense of clearing track jams or refastening where other pins fail.



*PowerPoint Weld Pins are manufactured in the USA to international quality standards.*

### How PowerPoint Weld Pins Work



(401) 216-7900  
[www.gripnail.com](http://www.gripnail.com)

## Industry Standards

PowerPoint Weld Pins meet or exceed the latest SMACNA (Sheet Metal and Air Conditioning Contractors National Association) standards, published in their *HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE*, for low and high velocity ductwork. PowerPoint Weld Pins are used by leading air conditioning, sheet metal and mechanical contractors for ductwork in commercial, residential and industrial buildings.

## Product Features

**Better Welds** - Special carbon alloy steel, a zinc and chromate plating and the sharpest points 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.

The reduction of misfires lowers the unit cost of your production.

**Diamond Points** - Forged diamond point design creates an extremely sharp point that cleanly pierces the toughest duct liner for the best contact and weld current.

**Better Plating** - Zinc and chromate dipped, PowerPoint Weld Pins exceed SMACNA corrosion resistance standards and give a more professional appearance.

**Consistent Feeding** - Precisely centered assembly of shanks and caps, along with a smoother finishing reduces feeding problems in the tracks of automatic equipment. This greatly reducing the downtime during operation.

**Retaining Cap** - The beveled edge retaining cap is sufficient in size and design to depress the surface of the insulation without tearing or cutting. The cap does not protrude into the air stream, preventing noise or interference with air movement in the duct.

The unique characteristic of the PowerPoint weld pin's noninvasive protruding shank captures and centers the weld pin during automated feeding to ensure consistent loading while the beveled retaining caps also prevent it from shifting off the weld tip when the pin is being set through the insulation.

## Technical Data

**Operating Temperature Range** - PowerPoint Weld Pins function properly over normally accepted operating range of temperatures of 32 °F to 250 °F and are not adversely affected at temperatures of 0 °F to 550 °F.

**Vibration** - PowerPoint Weld Pins will not fatigue or be physically affected by vibration normally found in high velocity air handling systems.

**Environmental Safety** - When used as intended, PowerPoint Weld Pins are non-toxic and safe as defined by current Federal Standards.

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

## Ordering Information

**Insulated Caps Available** with dielectric coating on the underside of a galvanized cap to prevent arcing when using foil faced insulation.

Part #	Recommended For	Pin Length Before Welding	Packaging
57B	1/2" Insulation (All Densities)	0.499" (12.67mm)	5,000 pcs./Bucket
107B	1" Insulation (1 1/2" lb. Density)	0.694" (17.63mm)	5,000 pcs./Bucket
117B	1" Foam	1.006" (25.55mm)	5,000 pcs./Bucket
127B	1" Insulation (3 lb. Density)	0.934" (23.72mm)	5,000 pcs./Bucket
137B	1 1/2" Insulation (All Densities)	1.119" (28.42mm)	3,000 pcs./Bucket
157B	2" Insulation (1 1/2 lb. - 2 lb. Density)	1.494" (37.95mm)	3,000 pcs./Bucket
207B*	2" Insulation (3 lb. Density)	1.920" (48.77mm)	3,000 pcs./Bucket
307B*	3" Insulation (All Densities)	2.750" (69.85mm)	2,000 pcs./Bucket
407B*	4" Insulation (All Densities)	3.740" (95.00mm)	1,500 pcs./Bucket

\* Fully plated nail and galvanized cap.



PowerPoint Weld Pins are shipped in plastic buckets to eliminate shipping damage.



For peak performance, it is highly recommended using Gripnail's wide range of PowerPinner welders.



ISO 9001 Certified  
Made in the U.S.A.  
An Employee Owned Company

97 Dexter Rd, E. Providence, RI 02914  
Email: gripnail@gripnail.com  
Tel:(401) 216-7900 Fax:(401) 438-8520



www.gripnail.com