

"NAIL NAME PLATES TO SHEET METAL | NO DRILLING NO PREP

Fast and Permanent Fastening to Sheet Metal

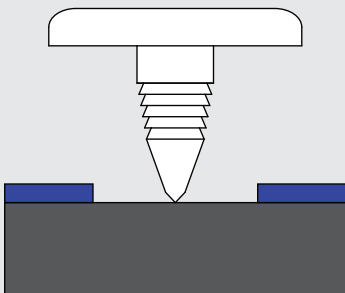
PunchPins fasten light loads to sheet metal in less time than it takes to drill a hole or prep for adhesives. Each PunchPin has a sharp steel point that pierces the sheet metal and specially designed annular grooves that capture the base metal and securely lock the PunchPin in place. This one step permanent fastening is perfect for attaching small components like nameplates to metal doors, electrical cabinets or steel tubing. PunchPin can drive right through oil, grease, dirt and most paints - no surface prep needed.



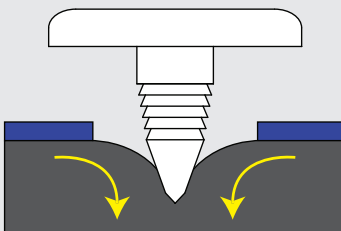
Fasten to sheet metal or aluminum without drilling.

How The PunchPin Works

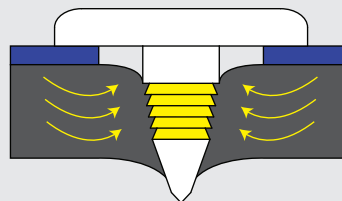
■ Name Plate ■ Base Metal
■ Locking Groove



Position: The PunchPin is placed in the hole of the attachment and against the base metal.



Drive: Driving the PunchPin forces the base metal to be displaced around the fastener



Set: When fully driven, the displaced metal is permanently embedded in the locking grooves.

GRIPNAIL
FASTENING SYSTEMS

(401) 216-7900
www.gripnail.com

Why PunchPin

A PunchPin eliminates costly problems associated with other fastening methods. Adhesives are messy and may be less than permanent. Drilling holes may cause damage by drilling too deep, and metal drill chips are difficult to completely clean up which might damage expensive components. Fasteners that require pre-drilled holes also require perfect alignment. PunchPins require no drilling or surface preparations.

Simple Application

Position the PunchPin onto the tip of a #211 Gripnail Air Tool. Depress the tool against the base metal and pull the trigger. The PunchPin is driven in a single impact. The fastening is instantaneous and permanent.

No Surface Preparation

Specially shaped, annular grooves bite into the softer base metal and form a permanent attachment which holds up to 250 pounds. The PunchPin requires no cleaning nor drilling. The hardened steel fastener drives through dirt, oil, grease and most paints.

No Alignment Problems

A PunchPin makes its own hole in the base metal so there is never a problem aligning attachment holes with base metal holes.

Qualifying Your PunchPin Application

PunchPin selection is based upon the part that is going to be fastened (attachment) and the material that is going to be fastened to (base metal).

Attachment

Typically attachments consist of name plates and small components. The attachment should be less than 0.040" thick. Unless the attachment is very thin (foil, paper, etc.) it will need to have a hole in it. Hole sizes may range from 0.078" to 0.125". Larger holes provide an easier target for the operator.

Base Metal

A PunchPin will fasten to sheet metal from 14 gauge (0.075") to 24 gauge (0.024"). It will also fasten to many soft metals such as aluminum, that is thicker than 0.075". Metals harder than HRB65 may require a Gripnail MetalTack® fastener. For more information about the MetalTack visit: www.gripnail.com/MetalTack.

PunchPin Material and Plating

A standard PunchPin is manufactured from carbon steel and are bright zinc plated. It will pass a minimum 120 hour salt spray test in accordance with ASTM B117.

Special Fasteners

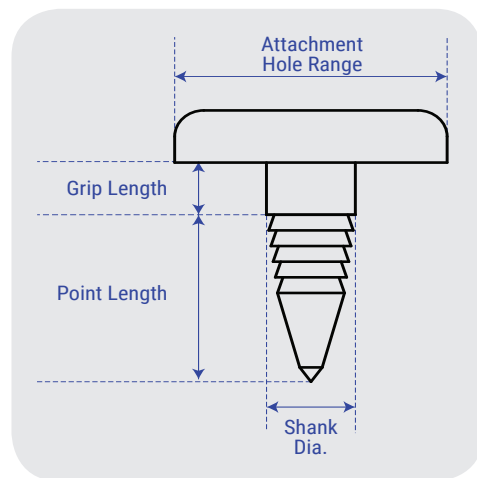
If the exact fastener for your application does not appear, call us to see if we might be able to make it for you. Many custom sized PunchPin fasteners have been produced with a variety of grip lengths, shank diameters and point lengths for specific applications. Special plating is available to meet particular corrosion or cosmetic requirements.

Ordering Information

Grip Length	Point Length	Shank Dia.	Attachment Hole Range	Part #
0.040" (1.016mm)	0.126" (3.200mm)	0.061" (1.549mm)	0.078" - 0.125" (1.981 - 3.175mm)	6140
0.060" (1.524mm)	0.126" (3.200mm)	0.061" (1.549mm)	0.078" - 0.125" (1.981 - 3.175mm)	6141
0.080" (2.032mm)	0.126" (3.200mm)	0.061" (1.549mm)	0.078" - 0.125" (1.981 - 3.175mm)	6142



A portable, safe, single impact Gripnail 211 Air Tool allows the operator to position the attachment before fastening.



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

GRIPNAIL
FASTENING SYSTEMS
www.gripnail.com