CONVEYOR ACCESSORIES
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RIV-NAIL

# *Technical Bulletin*

## *Bulletin # 1011*

## *Riv-Nail Application Tools*

The June 2008 catalog, GP2008, dedicated 8 pages to Riv-Nail tools and accessories to install Riv-Nail fasteners.

CAI innovations include:

1993 — First air powered tool

1993 — First collated rivets

1995 — First improved anvil to set rivets

1995 — First aluminum light weight tool

2005 — First electric driver system

2006 — First battery driver system

2007 — First aluminum Skiver/Cutter

Recently, a competitor has introduced their first ever aluminum rivet installation tool, one that weighs 48% more than our tool. I believe they will be promoting this tool, not because of its weight advantage over steel, but because they designed a feature to “nest” with the scalloped edge of their fastener. The design could be a detriment to the fastener as the scalloped tab on the tool can become distorted and prevent the scalloped edge of their fastener from fitting with the tool correctly.

Perhaps part of the intent was also to keep the superior edge design of CAI fasteners from fitting the tool.

Modifications require only a few minutes.  As part of the aluminum base, a machined tab of the base is designed to allow the competitive fastener strip to nest. See Fig. 1.

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Observe Fig. 2 and Fig. 3, and you will see that the machined tab can be easily modified or removed with a chisel, a flat punch or a grinder. If using a flat punch, strike the machined tab on an angle and the aluminum will readily conform. If using a grinder, grind the machined tab so the beveled edge will match with the edge of the fastener.

A 60” tool can be modified in less than 5 minutes.

**Fig. 1**

Close-in view illustrates a machined tab directly in front of the center rivet setting hole to conform to the scalloped edge of the fastener.

**Fig. 2**

This photo illustrates a technique that can be used to create an angle or bevel on the machined tab. Two to four strikes may be required to bevel the tab so the fastener will lay

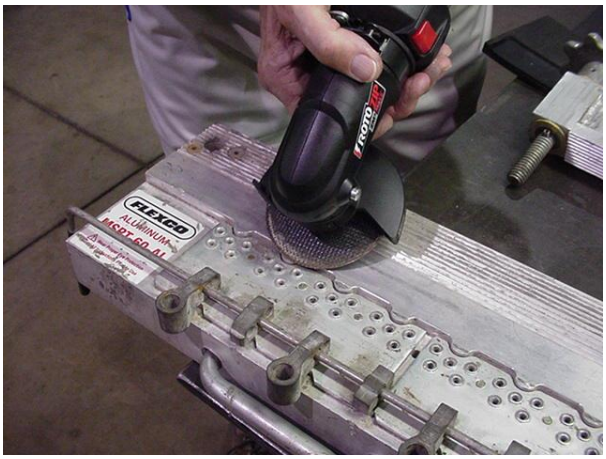

**Fig. 3**

A simple angle grinder is shown grinding an angle/bevel on the machined tab. A fast and easy technique to modify the tab for use with all rivet fasteners.