

The Modern, Faster, Low Finished Cost Successor to Blind Riveting.

SPEED RIVETS are permanent fastener designed for blind or 1 sided riveting in medium and high volume applications. Rivets are aligned in a paper strip called a pod or magazine so that the rivets can be automatically fed into the speed riveter. The result? Increased output, lower assembly cost and a labor saving permanent fastening solution.

Why Speed Riveting?

Increased Output

Speed Rivets can be installed up to 4 times faster than traditional blind rivets or screws. Cycle times are limited to less than 2 seconds and installation speeds can reach up to 30 ppm (Semi-Automatic) and 60 ppm (fully automatic).

Reduced Labor

Many users require additional labor to pre-install standard rivets or screws for faster assembly. The Speed Rivet eliminates this task by allowing the user to feed the rivets themselves. And in those applications where the user is installing the standard blind rivet or screw individually by hand, the Speed Rivet offers the increased assembly speed because the feed of the tool occurs once per pod, as apposed to once per rivet. The increased output leads to a reduction in the number of workers required to meet the manufacturing demand of the product.

Minimal Waste, Improved Safety

Standard blind rivets have a disposable nail or mandrel that can pose a safety problem when dropped on the floor. The Speed Rivet System employs a re-usable mandrel that can be used for up to 50 rivets. Depending on rivet size and material. The only waste generated is that of the paper pods (made of recycled paper), which again can again be recycled.

Cost Savings

Increased Output & Production Capacity, Reduced Labor Cost, Minimized Waste and Improved Safety equals overall cost savings to the user.

Improved Joint Quality & Performance

Permanent fastening offers a higher clamp up value then that of screws. In addition, because of the clamping force applied, the joint is more secure when under shear and tension loads as well as resists vibration.

Perfect For Electronic & PCB Applications

A Typical problem in standard blind riveting for electronic applications is due to the remaining portion of the nail or mandrel left in the rivet after assembly. Under the right conditions this small piece of the mandrel can fall out of the rivet into the electronic component causing an short circuit. Speed Rivet are not affected by this condition because the mandrel is completely withdrawn from the rivet during assembly. In addition, Speed Rivet are a great catalyst in dispursing heat generated in electronic components which makes it perfect for high temperature enviroments suchas HeatSinks, Rambus Fixtures and Microchips.

Reliability and Consistency

When the proper Speed Rivet Componets are selected, you can be sure that the rivets will peform consistantly both during and after assembly, eliminating the need for frequent adjustments.

Fine Tuning & Flexability

Due to the variety of rivet types, materials, front jaw assemblies, and mandrel sizes, the Speed Rivet System can be fine tuned to work perfectly with your application. Whether a tight clinch for good hole fill or a light clinch for use with fragile PCB's, the Speed Rivet Tool System is completely customizable and can be interchanged for use with alterative Speed Rivet products on other assembly lines.