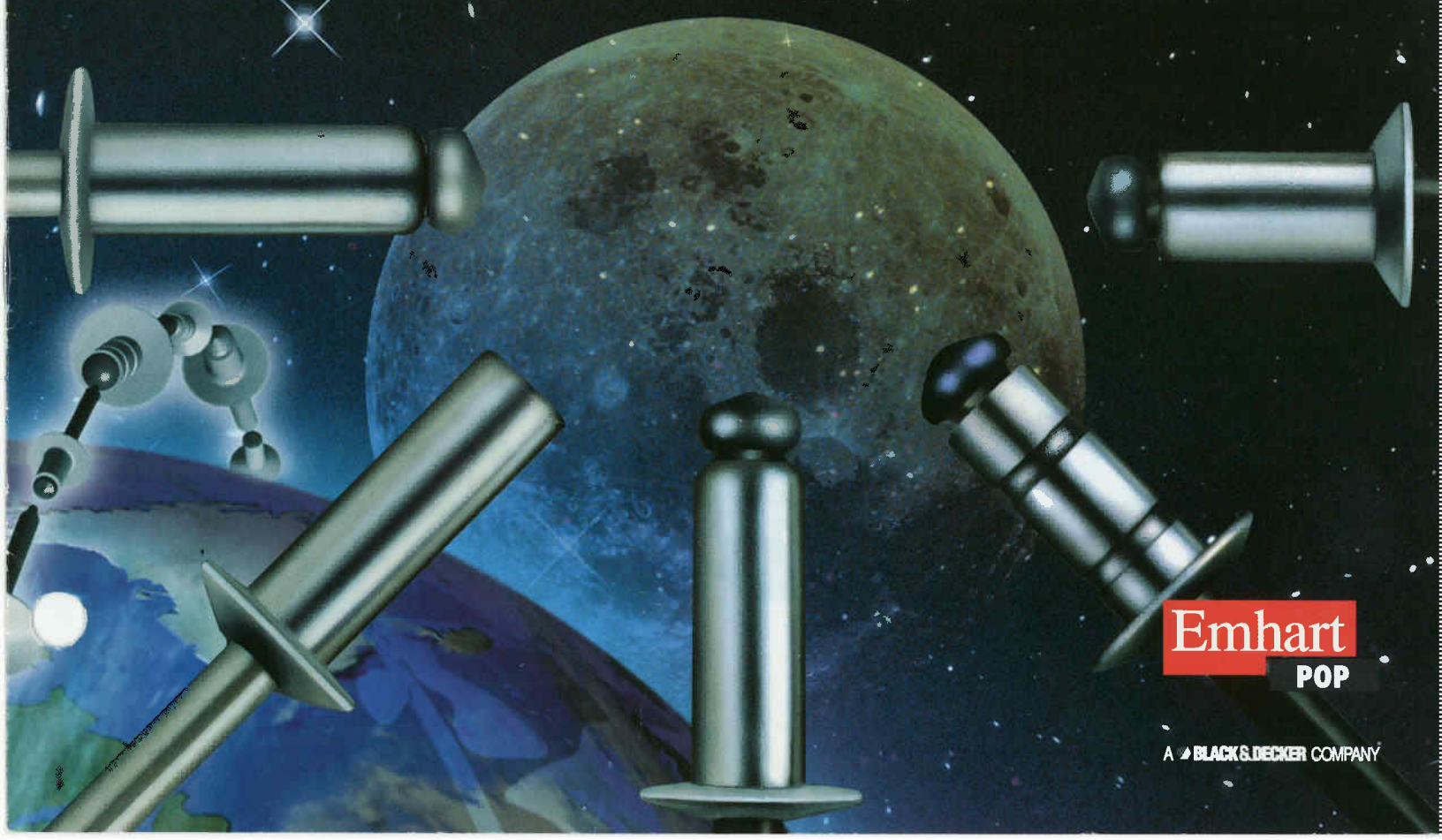


**POP**<sup>®</sup>

**INDUSTRY  
LEADERSHIP IN  
BLIND RIVETING  
SYSTEMS**



**Emhart**  
**POP**

A BLACK & DECKER COMPANY

# 7 reasons why POP<sup>®</sup> Rivet is industry's first choice.

## Here's why:

### 1. It's a complete fastening system

Much more than just a line of blind fasteners, POP Rivets are a complete, integrated fastening system that includes:

**RIVETS**—The original blind rivet and still the leader.

**TOOLS**—POP Rivetools, industry's most complete, most reliable line of hand and power setting tools.

**ENGINEERING**—Widely recognized as industry's finest when it comes to finding the best answers to your tough fastening problems.

**TECHNOLOGY BANK**—A unique pool of fastener knowledge and experience to help you improve product quality and reduce fastening costs.

### 2. Industry's broadest line of standard blind rivets

This means that POP Rivets are probably available from stock in the types, sizes, and metals you need.

### 3. Backed by industry's most sophisticated special rivet service

Our Special Rivet Service is available to develop rivet modifications or new designs to solve your special fastening problems.

### 4. Supported by intensive R&D

Making it possible for us to offer you the best, most advanced answers to your fastening and assembly problems.

### 5. Produced by an advanced-technology manufacturing capability

POP Rivets are manufactured on automated production lines that take advantage of such advanced technology as laser inspection and the newest metallurgical procedures. The result: Improved product performance and dependability . . . greater cost-effectiveness . . . and assured productive capacity to meet your fastener needs.

### 6. Available in a wide range of materials

POP Rivets are supplied in a wide range of materials including: aluminum, copper, Monel, carbon steel, and stainless steel. This makes it easy to select the right material to provide the physical and mechanical properties and the compatibility for your specific needs.

### 7. Made available through America's most extensive network of blind rivet distributors

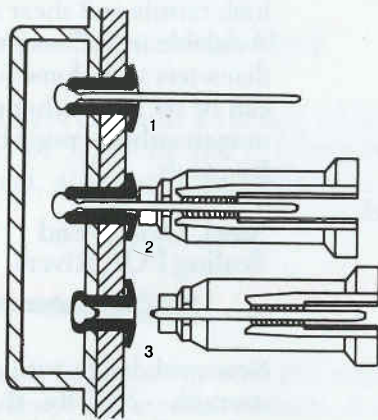
You can count on your POP Rivet Distributor for fast deliveries *and* problem-solving ideas. Because he's local. And he's qualified.



## Here are some POP Rivet basics. What they are ... how they work.

POP Rivets are "blind" rivets. This means they're inserted and set from the same side of the work.

Here's how they work: (1) The POP Rivet is inserted into a hole in the work. (2) Jaws of the POP Rivetool grip the mandrel of the rivet. (3) The setting tool is actuated, setting the rivet by pulling the mandrel head into the rivet body, expanding it, and forming a strong, tight, reliable fastening.



## Some important POP Rivet advantages compared with conventional fastenings:

**Fast assembly:** Because POP Rivets can be set in seconds. Literally.

**Low in-place costs:** Because of POP Rivets' speed and ease of application.

**Low-cost, lightweight, easily portable tools:** Manual or power tools are easy to take to the work ... reduce operator fatigue ... minimize capital expenditure.

**Strong, reliable fastenings, independent of operator skill:** POP Rivets don't torque out like threaded fasteners. Correct setting pressure

is designed into the POP Rivet mandrel. So you get uniformly strong, reliable fastenings the first time ... all the time.

**Vibration-proof assembly:** POP Rivets won't back out or vibrate loose and fall out like threaded fasteners. You eliminate costly call-backs due to faulty fastenings.

**No surface marring:** Setting tool won't slip and mar polished or finely finished surfaces: No dents, dimpling, or wrench marks.

**Exceptional versatility:** POP Rivets hold securely in thin or thick, soft or hard. Ideal for dissimilar materials. First choice for plastics and other easily damaged materials.

**High grip and pull-up strengths:** A POP Rivet draws members together, even when they are widely separated.

**Tamperproof:** Ideal for transportation and other public facilities where security is essential. Excellent for limited-access panels. Authorized personnel with correct equipment easily drill out POP Rivets and replace in seconds.

**Increased design flexibility:** Setting without need for access at the back, minimum back-up space requirements, fastening versatility, and neat appearance are just a few of the POP Rivet attributes that contribute to design flexibility and improved product quality.

### POP Rivets eliminate these problems.

