



# POP<sup>®</sup>

## ProSet<sup>®</sup> 1600 Rivet Tool

*Great power in a reliable,  
lightweight and compact  
rivet tool.*

The ProSet<sup>®</sup> 1600 is among the highest force-to-weight ratio blind riveting tools in the industry. In addition to its compact design, the comfortable, small rounded grip reduces user fatigue and increases the ability to maneuver in tight spaces.

The ProSet<sup>®</sup> 1600 will keep your production lines running at full speed. Thanks to the innovative quick disconnect nose housing, the front end components can be serviced in minutes - without tools. With the 1600 Mandrel Collection System (MCS) model, spent mandrels are instantly collected, and with the quick disconnect system, disposal takes no time, keeping work areas safe and clean with minimal downtime.

This ProSet<sup>®</sup> 1600 model also features an innovative left or right, On/Off swivel air fitting providing additional flexibility, conserving energy and reducing operating costs. The 1600 will set 2.0 mm Micro Rivets, 3/32" (2.4mm) and 1/8" (3.2mm) diameter rivets in all materials and up to 5/32" (4.0mm) all steel open end rivets.

### Features & Benefits:

- Ergonomic**  
 Lightweight polymer construction  
 Comfortable two finger, low activation force trigger  
 Directionable air exhaust
- Performance**  
 High force-to-weight ratio  
 Quick disconnect nose housing/Quick disconnect jaw case/Quick disconnect Mandrel Collector
- Economy**  
 Conserve energy, On/Off, left or right swivel air fitting
- Adaptability**  
 Capable of setting 2.0 mm Micro Rivets  
 Extended 5" long front end for extra reach  
 POP<sup>®</sup> Rivet Presenter (RP) compatible

Lightweight and comfortable to operate



Quick disconnect Nosehousing



Quick disconnect Jaw Guide technology

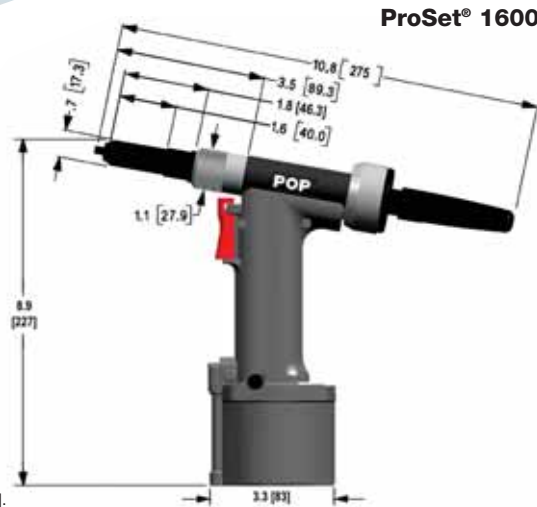


[www.emhart.com](http://www.emhart.com)

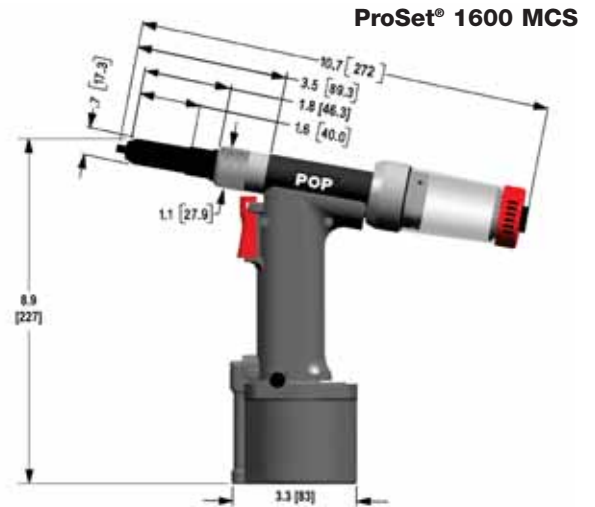
**Emhart<sup>®</sup>  
Teknologies**  
POP<sup>®</sup>

# POP®

## ProSet® 1600 Rivet Tool



ProSet® 1600



ProSet® 1600 MCS

Note: Dimensions are in inches and [(mm)].

### Specifications

Model Number	ProSet® 1600	ProSet® 1600MCS
Weight	2.14 lbs. (0.97 kg)	2.29 lbs. (1.04 kg)
Length	10.83" (275 mm)	10.71" (272 mm)
Height	8.94" (227 mm)	
Tool stroke	0.71" (18 mm)	
Working pressure	72.5 - 100 psi (5.0 - 6.9 bar) dry, filtered	
Pulling force	1090 lbs @ 90 psi (4850 N @ 6.2 bar)	
Force/Weight ratio	509 lbf/lb (5 kN/kg)	476 lbf/lb (4.6 kN/kg)
Air consumption	0.043 cu. ft/rivet (1.22 liters/rivet)	2.47 scfm (max) [70 liters/min (max)]

### Optional Accessories

Part Number	Description
PRN214	Nosepiece for 2.0 mm Micro Rivets
PRG402-02	Jaws for 2.0 mm Micro Rivets
FAN239-174	Front End 5" Length Extension Kit
FA203-408	Adaptor Kit for MCS5000 (remote MCS)
FAN239-177	MCS Retrofit Kit to Convert 1600 Model
RP4-486	Rivet Presenter Receptacle



Insist on Genuine POP® Rivets



Extended nose housing

### Rivet Capacity

Rivet Type	Material (Body-Mandrel)	Rivet Diameter		
		3/32" (*) (2.4 mm)	1/8" (3.0-3.2 mm)	5/32" (4.0 mm)
Open End & Multi-Grip	Aluminum-Aluminum	✓	✓	✓
	Aluminum-Steel or St. Steel (**)	✓	✓	✓
	Steel-Steel	✓	✓	✓(†)
	St. Steel-St. Steel; Monel-Steel or St. Steel	✓	✓	
Closed End	Aluminum-Aluminum	✓	✓	✓
	Aluminum-Steel or St. Steel	✓	✓	✓(†)
	Copper-Steel	✓	✓	
	Steel-Steel St. Steel-St. Steel	✓	✓	
LSR Rivets	Aluminum-Aluminum	✓	✓	✓
HR™ Rivets	Steel-Steel	✓	✓	
"T" Rivet	Aluminum-Steel	✓	✓	✓
Self Plugger	Steel-Steel	✓	✓	
MCS Collector Capacity (# Mandrels)		300	120	90

(\*) Use FAN239-176 Jaw pusher set up; (†) Excludes MultiGrip; (‡) Set air pressure at 90 psi (6.2 bar).  
(\*\*) St. Steel - Stainless Steel

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