POP®

ProSet™ 1600 Rivet Tool

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

The ProSet™ 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 ability to maneuver in tight spaces.

The ProSet™ 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™ 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® Rivet Presenter (RP) compatible*

Lightweight and comfortable to operate

Quick disconnect Nosehousing

Quick disconnect Jaw Guide technology

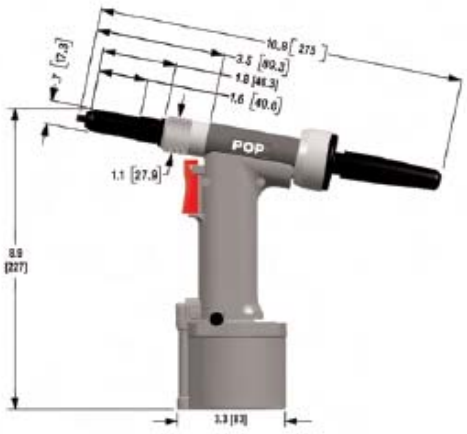
INSIST ON GENUINE POP® BRAND RIVETS

www.emhart.com

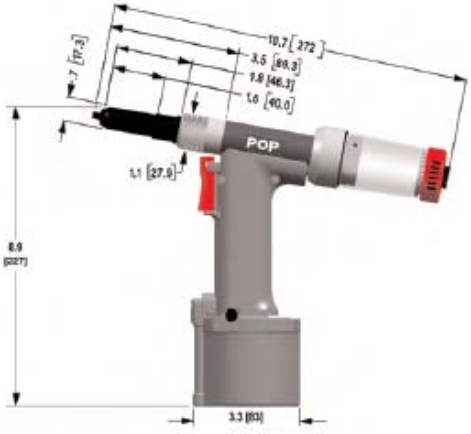
Emhart® Teknologies
POP®

POP® ProSet™ 1600 Riveting System

ProSet™ 1600



ProSet™ 1600 MCS



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)	
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)]

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

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 - Convert 1600 Model

Insist on Genuine POP® Rivets

Extended nose housing

SALES & TECHNICAL SUPPORT
ASIA – INDIA

Noble Fastotech Pvt. Ltd.
307 Raja House , 30-31 Nehru Place,
New Delhi – 110019 INDIA

Phone : +91-11- 41617246 , +91-11- 41617274
FAX : +91-11- 41617271
E-Mail : helicoil@helicoil.in
Website : www.poprivets.in