

## Power Tools

# ProSet® 1600

**Compact, lightweight and reliable pneumatic/hydraulic power tool, ideal for production line environments.**

For setting rivets from 2.0mm and 3/32"-5/32" (2.4-4.0mm). High force to weight ratio and innovative ergonomic design for maximum user efficiency and comfort.

### Features & Benefits:

- Lightweight robust construction
- Comfortable two finger, low activation force trigger
- Directionable air exhaust (MCS model)
- Quick disconnect front-end assembly & Mandrel Collection System (MCS)
- Spring return for a reliable fast setting cycle
- Energy saving On/Off, left or right swivel air fitting
- POP® Rivet Presenter compatible
- Suitable for use with POP® Remote Mandrel Collection System (MCS5000)
- Available in deflector or MCS versions
- Air-isolation switch during MCS removal

### Specifications

Model Number	ProSet® 1600	ProSet® 1600MCS
Weight	2.14 lb (0.97 kg)	2.29 lb (1.04 kg)
Length	10.83 in (275 mm)	10.71 in (272 mm)
Height	8.94 in (227 mm)	
Tool stroke	0.71 in (18 mm)	
Working air pressure	72.5 - 100 psi (5.0 - 6.9 bar) dry, filtered	
Pulling force	1090 lb @ 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	✓	✓	
LS/LSR Rivets	Aluminum-Aluminum	✓	✓	✓
Grip Tite®/HR®	Steel-Steel		✓	
"T" Rivet	Aluminum-Steel	✓	✓	✓
Self Plugger	Steel-Steel	✓	✓	
Pull-Thru	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
FA203-408	Adaptor Kit for MCS5000 (remote MCS)
FAN239-177	Mandrel Collection System Retrofit Kit
RP4-486	Rivet Presenter Receptacle

### Optional Special Front Ends

FAN239-174	Front End 5" Length Extension Kit
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Extended Nose Housing