

# Power Tools

## ProSet® 2500

### Setting a new standard for pneumatic/hydraulic rivet tools.

ProSet 2500 comes with a reduced diameter (.685") and extended (5.3") front end for better access in tight spaces to set 2.0mm to 5/32" (4.0mm) rivets. ProSet 2500 for setting rivets from 1/8" to 3/16" (3.0-4.8mm). High force to weight ratio and innovative ergonomic design for maximum user efficiency and comfort.

### Features and Benefits

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

### Specifications ProSet® 2500MCS

Weight	2.89 lb (1.31 kg)
Length	11.97 in (304 mm)
Height	10.20 in (259 mm)
Tool stroke	0.71 in (18 mm)
Working air pressure	72.5 - 100 psi (5.0 - 6.9 bar) dry, filtered
Pulling force	2,110 lb @ 90 psi (9,400 N @ 6.2 bar)
Force/Weight ratio	730 lbf/lb (7.18 kN/kg)
Air consumption	2.47 scfm (max) [70 liters/min (max)]

### Optional Accessories

Part Number	Description
FAN275-133	ProSet® 2500 Seal Kit
FA203-408	Adaptor kit for Remote MCS (MCS5000)
FAN275-134	Stem Collection System Retrofit Kit
RP4-350	RP4 / RP5 Receptacle
RP6-350	RP6 Receptacle

### Optional Special Front Ends

FAN275-132	Front End 5" (140mm) Extension Kit for 1/8", 5/32" & 3/16"
FAN275-198	Reduced diameter .686" (17.4mm) Front End Kit for 2mm, 3/32", 1/8" & 5/32"
FAN275-222	Conversion Kit for 3/16" Aluminum
FAN275-229	Reduced diameter .686" (17.4mm) Front End Kit for 3/16" Aluminum-Steel rivets
PRH830-2500	PRH830 & A1 Head Adaptor
PRH840-2500	PRH840 Corner Head Adaptor



MCS Retrofit Kit



Extended Nose Housing



# Nosepieces & Jaws

## Power Tools

POP Avdel Power Tools are designed to be easily maintained. The full range of spare parts is available - see the tool manuals for details. To order replacement nosepieces, jaws and jaw pushers, select from the list below.

Note: Part Numbers marked with <sup>1)</sup> are supplied with the tool.

### ProSet® 1600 Series

Rivet Diameter		Open End, Avex®, Stavex®, Q Rivet, Bulbex®	Nosepieces - Rivet Types		Avibulb®, Avinox®	Jaws	Jaw Pusher
			Closed End				
in	mm		Part No.	Steel Stem Part No.			
	2.0	PRN214	-	-	-	PRG402-02	FAN239-176 <sup>1)</sup>
3/32"	2.4	PRN314 <sup>1)</sup>	-	-	-	PRG402-8A <sup>1)</sup>	FAN239-176 <sup>1)</sup>
1/8"	2.8 - 3.2	PRN414 <sup>1)</sup>	PRN424	PRN434	PRN4HR	PRG402-8A <sup>1)</sup>	DPN239-144 <sup>1)</sup>
5/32"	4.0	PRN514 <sup>1)</sup>	PRN524	PRN534	-	PRG402-8A <sup>1)</sup>	DPN239-144 <sup>1)</sup>

1) Item supplied with the tool

### ProSet® 2500 Series

Rivet Diameter		Open End, Avex®, Stavex®, Q Rivet, Bulbex®, Interlock®	Nosepieces - Rivet Types		Avibulb®, Avinox®	Jaws	Jaw Pusher
			Closed End				
in	mm	Part No.	Steel Stem Part No.	Aluminum Stem Part No.	Part No.	Part No.	Part No.
	2.0	PRN214	-	-	-	PRG402-02	FAN239-172
3/32"	2.4	PRN314	-	-	-	PRG402-8A	FAN239-172
1/8"	2.8 - 3.2	PRN414 <sup>1)</sup>	PRN424	PRN434	PRN4HR	13300 <sup>1)</sup>	FAN275-028 <sup>1)</sup>
5/32"	4.0	PRN514 <sup>1)</sup>	PRN524	PRN534	PRN5HR*	13300 <sup>1)</sup>	FAN275-028 <sup>1)</sup>
3/16"	4.8	PRN614 <sup>1)</sup>	PRN624	PRN624	PRN6HR	13300 <sup>1)</sup>	FAN275-028 <sup>1)</sup>

1) Item supplied with the tool

\*Use DPN275-027 Jaw pusher

Note: When installing Monobolt, use N-410 nose piece for 3/16"

### ProSet® 3400 Series

Rivet Diameter		Open End, Avex®, Stavex®, Q Rivet, Bulbex®, Interlock®	Nosepieces - Rivet Types			Jaws	Jaw Pusher
			Closed End		Avibulb®, Avinox®, Hemlok®		
in	mm		Part No.	Steel Stem Part No.			
1/8"	2.8 - 3.2	PRN414 <sup>1)</sup>	PRN424	PRN434	PRN4HR	PRG540-46 <sup>1)</sup>	FAN276-064 <sup>1)</sup>
5/32"	4.0	PRN514 <sup>1)</sup>	PRN524	PRN534	PRN5HR	PRG540-46 <sup>1)</sup>	FAN276-064 <sup>1)</sup>
3/16"	4.8	PRN614 <sup>1)</sup>	PRN624	PRN534	PRN6HR	PRG540-46 <sup>1)</sup>	DPN276-006 <sup>1)</sup>
1/4"	6.4	PRN811* <sup>1)</sup>	PRN822	-	#	PRG540-44 <sup>1)</sup>	DPN276-006 <sup>1)</sup>

1) Item supplied with the tool

\*Except Stavex

# Must use ProSet 3400-8HT Base tool for 1/4" Stavex, Avibulb, Avinox, Hemlok; utilizes different nosepiece/jaw pusher combination

Note: When installing Monobolt, use N-410 nose piece for 3/16" and N-414 for 1/4"