

STANLEY
Engineered Fastening



POP[®] ProSet[®] Power Tool Range
For the installation of
Avdel[®] Breakstem Rivets

POP[®]  Avdel[®]

ProSet®

The POP® ProSet® family of tools is comprised of three tools equipped to install most Avdel breakstem rivets.

The ProSet® tool line has many innovative high performance features including a patented "Quick Disconnect" nose housing and jaw case for rapid cleaning and maintenance of the front end without the need for any tools. The quick disconnect Mandrel Collection System (MCS) safely collects spent mandrels for quick, easy disposal and cleaner work areas. An air-isolation switch on the MCS prevents air flow when the MCS is disconnected. A left or right 90° swivel air fitting ensures the tools can be adapted to virtually any workstation configuration, while the "on/off" switch minimises air consumption and noise. The spring return ensures fast, reliable setting cycles reducing operating costs.

Features and Benefits

Performance

- High force-to-weight ratio
- Quick disconnect nose housing and jaw case for easy maintenance and service
- Quick disconnect Mandrel Collection System (MCS) reduces downtime
- Spring return for reliable and fast setting cycles

Ergonomic

- Lightweight, polymer construction
- Comfortable two finger, low activation force trigger
- Directionable air exhaust

Economy & Safety

- Air isolation switch during MCS removal
- On/Off, left or right swivel air fitting provides flexibility and conserves energy



Lightweight and comfortable to operate



Quick disconnect mandrel collector



Quick disconnect nose housing



Quick disconnect jaw guide technology

Specifications

Model	ProSet® 1600 MCS	ProSet® 2500 MCS	ProSet® 3400 MCS
Weight	1.04 kg (2.29 lbs)	1.31 kg (2.89 lbs)	2.00 kg (4.41 lbs)
Length	272 mm (10.71")	304 mm (11.97")	334 mm (13.15")
Height	227 mm (8.94")	259 mm (10.20")	316 mm (12.44")
Stroke	18 mm (.71")	18 mm (.71")	26 mm (1.02")
Pull force @ 6.2 bar (90 psi)	4850 N (1090 lbf)	9400 N (2110 lbf)	18500 N (4160 lbf)
Force/weight ratio	4.6 kN/kg (476 lbf/lb)	7.18 kN/kg (730 lbf/lb)	9.2 kN/kg (943 lbf/lb)
Air supply pressure	5.0 - 6.9 bar (72.5 - 100 psi)	5.0 - 6.9 bar (72.5 - 100 psi)	5.0 - 6.9 bar (72.5 - 100 psi)
Air consumption max.	70 l/min (2.47 scfm)	70 l/min (2.47 scfm)	80 l/min (2.83 scfm)

Breakstem Rivet Tools

ProSet® 1600 MCS

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 the ability to maneuver in tight spaces.

The 1600 model is equipped with three nose pieces to install \varnothing 2.4 mm (3/32") to 4.0 mm (5/32") breakstem rivets - please refer to last page for detailed placing capability on Avdel fastener brands and materials.



ProSet® 2500 MCS

The ProSet® 2500 tool sets new standards for pneumatic rivet tools. Designed specifically to set a wide range of breakstem rivets, this tool delivers 9.4 kN (2110 lbf) of pull force with a "highest in class" force-to-weight ratio of 7.18 kN/kg (730 lbf/lb). The tough aluminium casing is designed to prevent damage and enhance the life of the tool.

The 2500 model is equipped with three nose pieces to install \varnothing 3.0 mm to 4.8 mm (3/16") breakstem rivets - please refer to last page for detailed placing capability on Avdel fastener brands and materials.



ProSet® 3400 MCS

The lightweight ProSet® 3400 is the strongest tool of the ProSet® family. The high capacity 3400 delivers the highest pull force in its class but weighs in at just about 2 kg (4.41 lbs). A rugged aluminium casing is designed to prevent damage and enhance the life of the tool.

The 3400 model is equipped with three nose pieces to install \varnothing 4.0 mm (5/32") to 6.4 mm (1/4") breakstem rivets - please refer to last page for detailed placing capability on Avdel fastener brands and materials.



Fastener brand	Ø mm (inch)	Model and complete tool ¹⁾ part number		
		ProSet® 1600 MCS 13492	ProSet® 2500 MCS 14063	ProSet® 3400 MCS 63408
Avex®	3.0	●	●	
	3.2 (1/8")	●	●	
	4.0 (5/32")	●	●	●
	4.8 (3/16")		○	○
	6.4 (1/4")			●
Stavex®	3.2 (1/8")	●	●	
	4.0 (5/32")		○	○
	4.8 (3/16")		●	●
	6.4 (1/4")			○
Avibulb®	3.2 (1/8")	●	●	
	4.0 (5/32")		●	●
	4.8 (3/16")		●	●
Avibulb® XT	6.0			●
	6.4 (1/4")			○
Avinox®	3.2 (1/8")	●	●	
	4.0 (5/32")		●	●
	4.8 (3/16")		●	●
Avinox® XT	6.4 (1/4")			○
Bulbex®	4.0 (5/32")			●
	4.8 (3/16")			●
T-Lok®	4.3		●	●
	4.8 (3/16")		○	○
Avdelmate®	4.8 (3/16")	●	●	●
	6.4 (1/4")		○	○
Monobolt®	4.8 (3/16")			○
	6.4 (1/4")			○
Interlock®	4.8 (3/16")		●	●
	6.4 (1/4")			●
Hemlok®	6.4 (1/4")			○
Q Rivet	3.2 (1/8")	●	●	
	4.0 (5/32")	●	●	●
	4.8 (3/16")		○	○
	6.4 (1/4")			●
Klamp-Tite® BAPK & BAPKTR series	4.8 (3/16")			○
	6.4 (1/4")			○
BD series	2.4 (3/32")	●		
	3.0 & 3.2 (1/8")	●	● ²⁾	
	4.0 (5/32")	●	●	●
	4.8 (3/16") & 5.0		● / ○	● / ○
	6.0 & 6.4 (1/4")			○
Avdel® SR	3.2 (1/8")	●	●	
	4.0 (5/32")	●	●	●
	4.8 (3/16")		●	●
	6.4 (1/4")			●
N Rivet	2.4 (3/32")	●	●	
	3.2 (1/8")	●	●	
	4.0 (5/32")	●	●	●
	4.8 (3/16")		○	○
	6.4 (1/4")			○
T Rivet	4.8 (3/16")			○
	6.4 (1/4")			○
Avseal® II Sealing Plugs	4.0 - 7.0		○	
	8.0 - 10.0			○

¹⁾ Complete tool comprised of tool, nose assembly and nose tips

● Placing capability complete tool ●²⁾ not all series

○ Additional conversion kit/nose tip required

Conversion kits to place Avdel rivets using Avdel equipment components can be ordered separately.