



ProSet® XT Range

Hydro-pneumatic Blind Rivet Tools

ProSet® XT - Blind Rivet Tools

The POP Avdel ProSet® XT 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.



Quick release Mandrel Collection System MCS

Features and Benefits

Performance

- High force-to-weight ratio
- Quick disconnect nose housing and jaw case for easy maintenance and service
- Clear quick release mandrel collector bottle reduces downtime
- Integral exhaust valves for fast setting cycles

Ergonomic

- Class-leading lightweight construction with balanced handling
- Comfortable, low activation force trigger
- Adjustable vacuum exhaust direction

Economy & Safety

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



Quick disconnect nose housing and jaw case (without tools)

Placing Capability

Fastener Type	Ø mm (inch)	ProSet® Tool			
		XT1 ¹⁾	XT2 ¹⁾	XT3 ¹⁾²⁾	XT4 ¹⁾²⁾
Open End Closed End	2.4 (3/32")	●			
	3.0 & 3.2 (1/8")	●	●		
	4.0 (5/32")	●	●	●	●
	4.8 & 5.0 (3/16")		●	●	●
	6.0 & 6.4 (1/4")			●	●
Micro Rivet	2.0	○			
Pull-Thru (PT)	3.2 (1/8")	●	●		
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")			○	○
Vgrip®	4.8 (3/16")		●		
Avibulb® Avinox®	3.2 (1/8")	●	●		
	4.0 (5/32")		●	●	●
	4.8 (3/16")		●	●	●
	6.0			●	●
Avinox® XT Avinox® XT	6.4 (1/4")			○	○
Hemlok®	6.4 (1/4")			○	○
Monobolt®	4.8 (3/16")		○	○	
	6.4 (1/4")			○	
Interlock®	4.8 (3/16")		●	●	
	6.4 (1/4")			○	
LSR / Bulbex®	3.2 (1/8")	●	●		
	4.0 (5/32")	●	●	●	●
	4.8 (3/16")		●	●	●
Klamp-Tite®	4.8 (3/16")		○	○	
	6.4 (1/4")			○	
T Rivet	4.8 (3/16")		○	○	○
	6.4 (1/4")			○	○
T-Lok®	4.3		●	●	●
	4.8 (3/16")		○	●	●
Avseal®	4.0		○		
	5.0		○		
	6.0		○	○	○
	7.0		○	○	○
	8.0			○	○
	9.0			○	○
	10.0				○
	11.0				○
Avdelok® Maxlok®	4.8 (3/16")			○	○
	6.4 (1/4")				○
Avtainer®	10.0 (3/8")				○

¹⁾ Complete tool comprises of base tool, nose assembly and nose tip(s)

²⁾ Recommended for rivet diameters 4.8 mm (3/16") and greater

● Placing capability complete tool

○ Installation possible with additional nose assembly/nose tip

ProSet® XT1 - The Lightweight



76001-00001 - Compact, lightweight and reliable pneumatic/hydraulic power tool, ideal for production line environments.

In its class the ProSet XT1 is among the highest force-to-weight ratio blind riveting tools in the industry. Innovative ergonomic design for maximum user efficiency and comfort.

The robust tool rubber base is designed to avoid damage. Latest technology lip seals maximise re-priming intervals. Piston bearing rings ensure maximum robustness and tool life.

Specifications

Weight, incl. nose equipment	1.17 kg
Weight, without nose equipment	1.07 kg
Pull force at 5.5 bar	6.5 kN
Force/Weight ratio	5.55 kN/kg
Stroke (min.)	18 mm
Cycle time (approximate)	0.4 sec
Air supply pressure (dry, filtered)	5.0 - 7.0 bar
Free air volume at 5.5 bar	1.5 l
Noise level	77.95 dB(A)

ProSet® XT2 - The Flexible



76002-00001 - The ProSet XT2 tool sets new standards for pneumatic rivet tools. Designed specifically to set a wide range of breakstem rivets, this tool delivers 8.9 kN of pull force with an outstanding force-to-weight ratio of 7.18 kN/kg.

The robust tool rubber base is designed to avoid damage. Latest technology lip seals maximise re-priming intervals. Piston bearing rings ensure maximum robustness and tool life.

Specifications

Weight, incl. nose equipment	1.26 kg
Weight, without nose equipment	1.15 kg
Pull force at 5.5 bar	8.9 kN
Force/Weight ratio	7.06 kN/kg
Stroke (min.)	20 mm
Cycle time (approximate)	0.6 sec
Air supply pressure (dry, filtered)	5.0 - 7.0 bar
Free air volume at 5.5 bar	2.2 l
Noise level	77.1 dB(A)

ProSet® XT

ProSet® XT3 - The High Performer



76003-00001 - The ProSet XT3 can be used in a variety of applications, setting a large range of breakstem rivets, lockbolts and sealing plug sizes. The extremely large stroke of 26 mm allows the placement of longer rivets like Monobolt and Interlock in one set.

The robust tool rubber base is designed to avoid damage. Latest technology lip seals maximise re-priming intervals. Piston bearing rings ensure maximum robustness and tool life.

Specifications

Weight, incl. nose equipment	2.14 kg
Weight, without nose equipment	2.0 kg
Pull force at 5.5 bar	17.0 kN
Force/Weight ratio	7.94 kN/kg
Stroke (min.)	26 mm
Cycle time (approximate)	0.9 sec
Air supply pressure (dry, filtered)	5.0 - 7.0 bar
Free air volume at 5.5 bar	6.3 l
Noise level	78.4 dB(A)

ProSet® XT4 - The Powerful



76004-00001 - The ProSet XT4 is the strongest tool of the ProSet family. With 23 kN the XT4 delivers the highest pull force in the range but weighs in at just about 2 kg. Beside structural breakstem rivets, the high capacity of the XT4 also allows to install Avdelok, Maxlok and Avtainer lockbolts. The tool features an ultra-high tensile piston rod for maximum tool life and a hydraulic damping for smooth operation.

The robust tool rubber base is designed to avoid damage. Latest technology lip seals maximise re-priming intervals. Piston bearing rings ensure maximum robustness and tool life.

Specifications

Weight, incl. nose equipment	2.16 kg
Weight, without nose equipment	2.0 kg
Pull force at 5.5 bar	23.0 kN
Force/Weight ratio	10.65 kN/kg
Stroke (min.)	18 mm
Cycle time (approximate)	1.0 sec
Air supply pressure (dry, filtered)	5.0 - 7.0 bar
Free air volume at 5.5 bar	6.3 l
Noise level	77.9 dB(A)

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