



ProSet[®] XT Hydro-pneumatic Blind Rivet Tools

November 2017



Agenda

- Product Information
- Markets & Applications
- Marketing Support

ProSet® XT Hydro-pneumatic Blind Rivet Tools



Performance

- High force-to-weight ratio
- Quick disconnect nose housing & jaw case for easy maintenance/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 minimizes air consumption, noise and conserves energy
- Rubber base designed to avoid damage
- Latest technology lip seals maximize re-priming intervals
- Piston bearing rings ensure maximum robustness and tool life



ProSet® XT Hydro-pneumatic Blind Rivet Tools



Keep work areas safe and clean with minimal downtime

With the Mandrel Collection System (MCS), spent mandrels are instantly collected and with the quick-disconnect system, disposal takes no time.

No tools required for routine maintenance and cleaning

Both front and rear end components can be serviced in minutes without removing the tool from the production line. The patented quick-disconnect nose housing and jaw ensure rapid cleaning and maintenance of the front end without the need for any tools.

Use in virtually any workstation configuration

Features an innovative left or right, on/off swivel air fitting, providing additional flexibility, conserving energy, and reducing operating costs. The quick vacuum filter access of the MCS means undesirable air exhaust can be directed away from the operator.



ProSet® XT1 Hydro-pneumatic Blind Rivet Tool



POWERFUL, LONG LASTING

Piston bearing rings ensure maximum robustness and tool life and air piston with integral exhaust valves for optimised operating speed



EASY TO USE

Low force trigger and hydraulic damping for smoother operation and longer seal life



VERSATILE

Changeable air inlet – left or right and swivel air inlet with shut off



PRACTICAL

Clear collector bottle with quick release



SAFE

Auto vacuum shut off when removing stem collector and steel stem deflector safety feature. Air piston safety shut off valve



ERGONOMIC

Class leading lightweight construction with balanced design. Soft grip handle for operator comfort and rubber base prevents damage



ROBUST

Floating piston hydraulics for improved seal life



DURABLE

Latest technology lip seal maximize repriming intervals



ProSet® XT 1 - Breakstem Blind Rivet Tool

Specification	Value type	Details
Mechanism		Pneumatic
Weight incl nose	[kg]	1.17
Pulling Force	[kN]	6.5
Stroke	[mm]	18
Length	[mm]	292
Height	[mm]	241
Noise level	[dB(A)]	77.95

ProSet® XT2 Hydro-pneumatic Blind Rivet Tool

POWERFUL, LONG LASTING

Piston bearing rings ensure maximum robustness and tool life and air piston with integral exhaust valves for optimised operating speed



EASY TO USE

Low force trigger and hydraulic damping for smoother operation and longer seal life



VERSATILE

Changeable air inlet – left or right and swivel air inlet with shut off



PRACTICAL

Clear collector bottle with quick release



SAFE

Auto vacuum shut off when removing stem collector and steel stem deflector safety feature. Air piston safety shut off valve



ERGONOMIC

Class leading lightweight construction with balanced design. Soft grip handle for operator comfort and rubber base prevents damage



ROBUST

Floating piston hydraulics for improved seal life



DURABLE

Latest technology lip seal maximize repriming intervals



ProSet® XT 2 - Breakstem Blind Rivet Tool

Specification	Value type	Details
Mechanism		Pneumatic
Weight incl nose	[kg]	1.26
Pulling Force	[kN]	8.9
Stroke	[mm]	20
Length	[mm]	296
Height	[mm]	268
Noise level	[dB(A)]	77.10

ProSet® XT3 Hydro-pneumatic Blind Rivet Tool

POWERFUL, LONG LASTING

Piston bearing rings ensure maximum robustness and tool life and air piston with integral exhaust valves for optimised operating speed



EASY TO USE

Low force trigger and hydraulic damping for smoother operation and longer seal life



VERSATILE

Changeable air inlet – left or right and swivel air inlet with shut off



PRACTICAL

Clear collector bottle with quick release



SAFE

Auto vacuum shut off when removing stem collector and steel stem deflector safety feature. Air piston safety shut off valve



ERGONOMIC

Class leading lightweight construction with balanced design. Soft grip handle for operator comfort and rubber base prevents damage



ROBUST

Floating piston hydraulics for improved seal life



DURABLE

Latest technology lip seal maximize repriming intervals



ProSet® XT 3 - Breakstem Blind Rivet Tool

Specification	Value type	Details
Mechanism		Pneumatic
Weight incl nose	[kg]	2.14
Pulling Force	[kN]	17.0
Stroke	[mm]	26
Length	[mm]	334
Height	[mm]	343
Noise level	[dB(A)]	78.40

ProSet® XT4 Hydro-pneumatic Blind Rivet Tool



POWERFUL, LONG LASTING

Piston bearing rings ensure maximum robustness and tool life and air piston with integral exhaust valves for optimised operating speed



EASY TO USE

Low force trigger and hydraulic damping for smoother operation and longer seal life



VERSATILE

Changeable air inlet – left or right and swivel air inlet with shut off



PRACTICAL

Clear collector bottle with quick release



SAFE

Auto vacuum shut off when removing stem collector and steel stem deflector safety feature. Air piston safety shut off valve



ERGONOMIC

Class leading lightweight construction with balanced design. Soft grip handle for operator comfort and rubber base prevents damage



ROBUST

Floating piston hydraulics for improved seal life



DURABLE

Latest technology lip seal maximize repriming intervals



ProSet® XT 4 - Breakstem Blind Rivet Tool

Specification	Value type	Details
Mechanism		Pneumatic
Weight incl nose	[kg]	2.16
Pulling Force	[kN]	23.0
Stroke	[mm]	18
Length	[mm]	334
Height	[mm]	343
Noise level	[dB(A)]	77.90

ProSet® XT 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")			○	

Fastener Type	Ø mm (inch)	ProSet® Tool			
		XT1 ¹⁾	XT2 ¹⁾	XT3 ¹⁾⁽²⁾	XT4 ¹⁾⁽²⁾
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				○
	12.0				○
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

Protect your investment!












- Standard 1 year
- +1 year additional
- From date of purchase and for first time user only
- Register tool on:
www.stanleyengineeredfastening.com/popavdel-powertools/warranty-card

In case of warranty issue please contact your local approved repair center or Stanley Engineered Fastening customer service team.

Excludes wear/service parts, abuse/misuse and unauthorized service or modification



ProSet® XT Replacement

Existing (to be replaced)		Newly introduced	
nG1	Max. cap. 4,0 mm steel rivets 	Proset XT1	Max. cap. 4,0 mm rivets 
PS1600	Max. cap. 4,0 mm steel rivets 		
nG2	Max. cap. 4,8 mm rivets 	Proset XT2	Max. cap. 4,8 mm (HS) rivets 
PS2500	Max. cap. 4,8 mm HS rivets 		
nG3	Max. cap. 6,4 mm HS rivets 	Proset XT3	Max. cap. 6,4 mm HS rivets 
PS3400	Max. cap. 6,4 mm HS rivets 		
nG4	Max. cap. 6,4 mm HS rivets & LB 	Proset XT4	Max. cap. 6,4 mm (HS) rivets & LB 

- General industrial - Assembly lines, industrial products & applications such as sheet metal, tubing extrusions, plastic and other materials
- Domestic appliances - Heat exchanger, HVAC
- Ground transportation - Truck/trailer/rail, Commercial vehicles
- Recreational vehicles

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POP®  **Avdel®**

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TECHNOLOGIES

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