

# **ProSet<sup>®</sup> 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

STANI FY

**Engineered Fastening** 

- 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





**POP**<sup>\*</sup> X Avdel<sup>\*</sup>

# **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.





**POP**<sup>\*</sup> X Avdel<sup>\*</sup>











# **ProSet<sup>®</sup> XT1 Hydro-pneumatic Blind Rivet Tool**

### **POP**<sup>\*</sup> X Avdel<sup>\*</sup>

### POWERFUL, LONG LASTING

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

### VERSATILE

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



### EASY TO USE

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

Clear collector bottle with





ProSet <sup>®</sup> 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			

### SAFE

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

### ROBUST

Floating piston hydraulics for improved seal life



#### ERGONOMIC

quick release

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

#### DURABLE

Latest technology lip seal maximize repriming interv



/als		5	





# **ProSet<sup>®</sup> XT2 Hydro-pneumatic Blind Rivet Tool**

### **POP**<sup>\*</sup> X Avdel<sup>\*</sup>

### POWERFUL, LONG LASTING

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

### VERSATILE

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



### EASY TO USE

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

Clear collector bottle with





ProSet <sup>®</sup> 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				

### SAFE

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

### ROBUST

Floating piston hydraulics for improved seal life



### ERGONOMIC

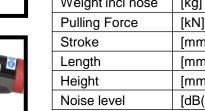
quick release

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

#### DURABLE

Latest technology lip seal maximize repriming intervals







# **ProSet<sup>®</sup> XT3 Hydro-pneumatic Blind Rivet Tool**

### **POP**<sup>\*</sup> X Avdel<sup>\*</sup>

### POWERFUL, LONG LASTING

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

### VERSATILE

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



#### EASY TO USE

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

Clear collector bottle with





ProSet <sup>®</sup> 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				

### SAFE

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

### ROBUST

Floating piston hydraulics for improved seal life



### ERGONOMIC

quick release

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



#### DURABLE

Latest technology lip seal maximize repriming intervals



1		1	
	1000	Set	
		3	1
	100		11
4			

C7			-	v
2	<b>FA</b>		_ E	T.
Engi	ineere	ed Fa	aster	ing

# **ProSet<sup>®</sup> XT4 Hydro-pneumatic Blind Rivet Tool**

### **POP**<sup>\*</sup> X Avdel<sup>\*</sup>

### POWERFUL, LONG LASTING

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

### VERSATILE

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



#### EASY TO USE

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

Clear collector bottle with





ProSet <sup>®</sup> 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				

### SAFE

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

### ROBUST

Floating piston hydraulics for improved seal life



#### ERGONOMIC

quick release

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

### DURABLE

Latest technology lip seal maximize repriming intervals



	-	-	
10	ToSet	lö	
			1

STANLEY **Engineered Fastening** 

8

# **ProSet® XT Placing Capability**

POP 💥	Avdel
-------	-------

	Ø	ProSet <sup>®</sup> Tool			
Fastener Type	mm (inch)	XT1 <sup>1)</sup>	XT21)	XT3 <sup>1)2)</sup>	XT41)2)
	2.4 (3/32")	•			
	3.0 & 3.2 (1/8")	•	•		
Open End Closed End	4.0 (5/32")	•	•	•	•
Closed Llid	4.8 & 5.0 (3/16")		•	•	•
	6.0 & 6.4 (1/4")			•	•
Micro Rivet	2.0	0			
Pull-Thru (PT)	3.2 (1/8")	•	•		
	3.0	•	•		
	3.2 (1/8")	•	•		
Avex®	4.0 (5/32")	•	•	•	•
	4.8 (3/16")		•	•	•
	6.4 (1/4")			•	•
	3.2 (1/8")	•	•		
Stavex®	4.0 (5/32")		•	•	•
Stavex®	4.8 (3/16")		•	•	•
	6.4 (1/4")			0	0
Vgrip®	4.8 (3/16")		•		
	3.2 (1/8")	•	•		
Avibulb®	4.0 (5/32")		•	•	•
Avinox®	4.8 (3/16")		•	•	•
	6.0			•	•
Avinox® XT Avinox® XT	6.4 (1/4")			0	0
Hemlok®	6.4 (1/4")			0	0
Monobolt®	4.8 (3/16")		0	0	
Wonobolt	6.4 (1/4")			0	

	ø	ProSet® Tool			
Fastener Type	mm (inch)	XT1 <sup>1)</sup>	XT2 <sup>1)</sup>	XT3 <sup>1)2)</sup>	XT4 <sup>1)2)</sup>
Interlock®	4.8 (3/16")		•	•	
Interiock*	6.4 (1/4")			0	
	3.2 (1/8")	•	٠		
LSR / Bulbex®	4.0 (5/32")	•	•	•	•
	4.8 (3/16")		•	•	•
Klamp Tita®	4.8 (3/16")		0	0	
Klamp-Tite®	6.4 (1/4")			0	
T Rivet	4.8 (3/16")		0	0	0
I River	6.4 (1/4")			0	0
TLak®	4.3		٠	•	•
T-Lok®	4.8 (3/16")		0	•	•
	4.0		0		
	5.0		0		
	6.0		0	0	0
	7.0		0	0	0
Avseal®	8.0			0	0
	9.0			0	0
	10.0				0
	11.0				0
	12.0				0
Avdelok®	4.8 (3/16")			0	0
Maxlok®	6.4 (1/4")				0
Avtainer <sup>®</sup>	10.0 (3/8")				0

<sup>1)</sup> Complete tool comprises of base tool, nose assembly and nose tip(s) <sup>2)</sup> Recommended for rivet diameters 4.8 mm (3/16") and greater

• Placing capability complete tool

O Installation possible with additional nose assembly/nose tip



# **ProSet® XT Warranty**

### Protect your investment!

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

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	
PS1600	Max. cap. 4,0 mm steel rivets	Proset XTT	Max. cap. 4,0 mm rivets
nG2	Max. cap. 4,8 mm rivets	Proset XT2	
PS2500	Max. cap. 4,8 mm HS rivets	FIUSEL X12	Max. cap. 4,8 mm (HS) rivets
nG3	Max. cap. 6,4 mm HS rivets	Proset XT3	
PS3400	Max. cap. 6,4 mm HS rivets	Ploset X13	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



# **ProSet<sup>®</sup> XT Markets & Applications**

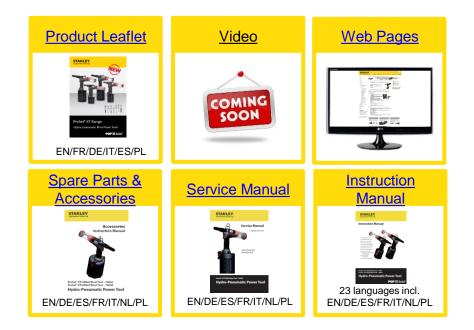
- General industrial Assembly lines, industrial products & applications such as sheet metal, tubing extrusions, plastic and other materials
- Domestic appliances Heat exchanger, HVAC
- Ground transportation Truck/trailer/rail, Commercial vehicles
- Recreational vehicles



**POP**<sup>\*</sup> X Avdel<sup>\*</sup>

## **ProSet® XT Further Information**







# **ProSet® XT Distributor Marketing Support**

 Your local Stanley Engineered Fastening customer service team will provide you with these resources





**POP**<sup>\*</sup> Avdel<sup>\*</sup>



### ONE COMPANY. POWERFUL BRANDS.

