

Power Tools

PRG510A / MCS510A

Robust, heavy duty pneumatic riveting tool for setting up to 3/16" (4.8mm) aluminum rivets. Available in standard style with deflector (PRG) or equipped with Stem Collection System (MCS).

Specifications PRG510A / MCS510A

	Type	510A	511A
Weight	PRG	3.6 lb (1.63 kg)	3.8 lb (1.72 kg)
	MCS	4.0 lb (1.81 kg)	4.1 lb (1.85 kg)
Length	PRG	6.7 in (170 mm)	8.5 in (216 mm)
	MCS	11.3 in (286 mm)	13.5 in (343 mm)
Height		9.63 in (244 mm)	
Front end length		2.5 in (64 mm)	4.5 in (114 mm)
Working air pressure		85 psi (5.8 bars)	
Pulling force		1,000 lbf (4,448 N)	
Tool stroke		0.625 in (15.87 mm)	

Note:

PRG510A-PLUS includes air line, extra jaws, jaw pusher and spring;

PRG510A includes tool only.



PRG540 / MCS540

Robust, heavy duty pneumatic hydraulic riveting tool for setting up to 1/4" (6.4mm) rivets.

Specifications PRG 540 / MCS540

	Type	540/544	541
Weight	PRG	4.85 lb (2.2 kg)	5.25 lb (2.38 kg)
	MCS	4.96 lb (2.25 kg)	5.39 lb (2.44 kg)
Length	PRG	9.0 in (229 mm)	11.5 in (292 mm)
	MCS	13.5 in (343 mm)	16 in (406 mm)
Height		11.5 in (292.1 mm)	
Front end length		3.5 in (88 mm)	5.9 in (151 mm)
Working air pressure		85 psi (5.8 bars) dry, filtered	
Pulling force		3,000 lbf (13,345 N)	
Tool stroke		0.685 in (17.4 mm)	

Note:

540 and 541 models are set up for 3/16" (4.8 mm) rivets;

544 model is set up for 1/4" (6.4 mm) rivets.

Optional Accessory

Part Number	Description
PRG541-001	Extended 5.5 in (140 mm) Front End Kit



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 ¹⁾ are supplied with the tool.

ProSet® 1600 Series

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

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.
	2.0	PRN214	-	-	-	PRG402-02	FAN239-172
3/32"	2.4	PRN314	-	-	-	PRG402-8A	FAN239-172
1/8"	2.8 - 3.2	PRN414 ¹⁾	PRN424	PRN434	PRN4HR	13300 ¹⁾	FAN275-028 ¹⁾
5/32"	4.0	PRN514 ¹⁾	PRN524	PRN534	PRN5HR*	13300 ¹⁾	FAN275-028 ¹⁾
3/16"	4.8	PRN614 ¹⁾	PRN624	PRN624	PRN6HR	13300 ¹⁾	FAN275-028 ¹⁾

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.		Aluminum Stem Part No.	Part No.
1/8"	2.8 - 3.2	PRN414 ¹⁾	PRN424	PRN434	PRN4HR	PRG540-46 ¹⁾	FAN276-064 ¹⁾
5/32"	4.0	PRN514 ¹⁾	PRN524	PRN534	PRN5HR	PRG540-46 ¹⁾	FAN276-064 ¹⁾
3/16"	4.8	PRN614 ¹⁾	PRN624	PRN534	PRN6HR	PRG540-46 ¹⁾	DPN276-006 ¹⁾
1/4"	6.4	PRN811* ¹⁾	PRN822	-	#	PRG540-44 ¹⁾	DPN276-006 ¹⁾

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"

Nosepieces & Jaws

510A Series

Rivet Diameter		Open End, Avex®, Stavex® Part No.	Nosepieces - Rivet Types		Avibulb®, Avinox® Part No.	Jaws	Jaw Pusher
			Closed End				
in	mm		Steel Stem Part No.	Aluminum Stem Part No.		Part No.	Part No.
	2.0	PRN214	-	-	-	PRG402-02	PRG520-33 ¹⁾
3/32"	2.4	PRN314	-	-	-	PRG402-8A ¹⁾	PRG520-33 ¹⁾
1/8"	2.8 - 3.2	PRN414 ¹⁾	PRN424	PRN434	PRN4HR	PRG402-8A ¹⁾	PRG520-33 ¹⁾
5/32"	4.0	PRN514 ^{*1)}	PRN524	PRN534	PRN5HR	PRG402-8A ¹⁾	PRG520-33 ¹⁾
3/16"	4.8	PRN614 ^{**1)}	PRN624	-	-	PRG402-8A ¹⁾	PRG520-33 ¹⁾

1) Item supplied with the tool

*Except stainless steel rivets ** Except steel and stainless steel rivets and all Avex & Stavex rivets materials

540 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.
1/8"	2.8 - 3.2	PRN414 ¹⁾	PRN424	PRN434	PRN4HR	PRG540-46 ¹⁾	PRG14 ¹⁾	
5/32"	4.0	PRN514 ¹⁾	PRN524	PRN534	PRN5HR	PRG540-46 ¹⁾	PRG14 ¹⁾	
3/16"	4.8	PRN614 ¹⁾	PRN624	PRN634	PRN6HR	PRG540-46 ¹⁾	PRG14 ¹⁾	
1/4"	6.4	PRN811 ^{*1)}	PRN822	-	#	PRG540-44 ¹⁾	PRG740-7A ¹⁾	

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"

5250A Series

Rivet Diameter		Open End, Avex®, Stavex®, Q Rivet, Bulbex®, Interlock® Part No.	Nosepieces - Rivet Types		Avibulb®, Avinox® Part No.	Jaws	Jaw Pusher
			Closed End				
in	mm		Steel Stem Part No.	Aluminum Stem Part No.		Part No.	Part No.
1/8"	2.8 - 3.2	PRN414 ¹⁾	PRN424	PRN434	PRN4HR	PRG540-46 ¹⁾	PRG520-33 ¹⁾
5/32"	4.0	PRN514 ¹⁾	PRN524	PRN534	PRN5HR	PRG540-46 ¹⁾	PRG520-33 ¹⁾
3/16"	4.8	PRN614 ¹⁾	PRN624	PRN634	-	PRG540-46 ¹⁾	PRG520-33 ¹⁾

1) Item supplied with the tool

Nosepieces & Jaws

PB2500 Series

Rivet Diameter		Open End, Avex®, Stavex®, Q Rivet, Bulbex®, Interlock®	Nosepieces - Rivet Types			Jaws	Jaw Pusher
			Closed End		Avibulb®, Avinox®		
			Steel Stem Part No.	Aluminum Stem Part No.			
in	mm	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
3/32"	2.4	TP124-539	-	-	-	13300 ¹⁾	TP124-548 ¹⁾
1/8"	2.8 - 3.2	TP124-540 ¹⁾	TP124-544	TP124-615	TP124-541 ¹⁾	13300 ¹⁾	TP124-548 ¹⁾
5/32"	4.0	TP124-541 ¹⁾	TP124-545	TP124-545	TP124-542 ¹⁾	13300 ¹⁾	TP124-548 ¹⁾
3/16"	4.8	TP124-542 ¹⁾	TP124-546	TP124-546	TP124-543	13300 ¹⁾	TP124-549 ¹⁾

Recommended Parts for Stainless Steel Rivets

3/32"	2.4	TP124-539	-	-	-	PRG540-46B	TP124-547
1/8"	2.8 - 3.2	TP124-540 ¹⁾	-	-	TP124-541 ¹⁾	PRG540-46B	TP124-618
5/32"	4.0	TP124-541 ¹⁾	-	-	TP124-542 ¹⁾	PRG540-46B	TP124-618
3/16"	4.8	TP124-542 ¹⁾	-	-	TP124-543	PRL650-01	TP124-620

1) Item supplied with the tool