



2026-2027 AIRCRAFT TOOLS

YOUR BEST BUSINESS PARTNER for THE BEST PERFORMANCE AIRCRAFT TOOLS



AEROSPACE

◆ INNOVATION ◆ RESEARCH ◆ DESIGN ◆ QUALITY



Manufacturer & Exporter

AIRPRO INDUSTRY CORP.



Top Quality And Absolute Precision

Our factory is ISO-9001. certified and air tool products
CE certified. OBM / OEM and ODM orders are welcomed.



Company Profile

Airpro Industry Corp. is a professional manufacturer and exporter with expertise for more than 23 years. We specialize in professional quality Air rivet guns, pneumatic squeezes, angle drills, air drills, Hi-Lok installation tools, grinders & sanders, air hydraulic riveters, etc... and accessories.



■ Processed by high precise CNC machine, the assemblies-finished goods can achieve a reliable consistent of performances



■ Exhibit all product of tools, equipments with high-rate quality and reputation.



■ Professional colored box provide safety packing, improved technique and innovation design.



PROFESSIONAL

Our factory is
ISO-9001 certified and
products CE certified.



VISION

Become "the best
solution and
service provider"
in the industry



CERTIFICATE

D&B D-U-N-S®
Registered™ Certified





Product Range

Airpro Industry Corp dedicated to develop and design the products of aerospace to the application all aspects as follow.

Aircraft Tools:

Air rivet guns, pneumatic squeezes, angle drills, air drills, Hi-Lok installation tools, grinders & sanders, air hydraulic riveters, etc... and accessories.

For Example, **Air Rivet Guns** for different rivets with various application as they can be worked for chipping, caulking and ripping and so on.

Air Squeezers are with high power tandem cylinder. They deliver double the force than a standard type of compression riveter. It is designed for fitting the different materials and shapes of rivets as well as dimple dies on the assembly.

Air Drills used for drilling different material like wood, stone, wall, metal, iron, aluminum etc to ensure the accuracy and tolerance of holes to achieve the high performance. Even some are with reversible design for user more convenient during drilling

Regarding for the **Angle Drills**, they are more suitable extended in the narrow space for drilling per different angles.

Grinders & Sanders can be applied for grinding the different material of surface finishes.

Air Hydraulic Riveters are used mainly for riveting of aluminum, iron and stainless steel plates as well as stainless steel / alloy steel 's nose pieces due to they have a fast speed on the pulling rivet per hydraulic structure and strong pulling force.

Table Contents



Riveting Hammer & Accessories

氣動鉚釘鎚 & 配件

01-08



Air Tools

氣動工具

44-49



Pneumatic Rivet Squeezers & Accessories

氣動壓鉚機 & 配件

09-12



Aircraft Tool Accessories

航太工具配件

50-55



Air Angle Drills & Accessories

彎頭角鑽 & 配件

13-23



Plier Series

鉗子系列

56-60



Air Drills & Accessories

氣鑽 & 配件

24-27



Torque Wrenches

扭力扳手

61-62



Hi-Lok Installation Tools & Accessories

高鎖組裝工具 & 配件

28-31



Torque Multiplier

培力器

62



Installation Tools

組裝工具

32-33



Open Box & Combination Wrench Sets

開口扳手 & 複合扳手組

63



Air Die Grinders

氣動研磨機

34-39



Ratchet Wrenches

棘輪扳手

64-65



Air Sanders & Polishers

氣動砂光機 & 拋光機

40-42



Screwdriver Sets

螺絲起子組

66



Air Impact Wrenches & Ratchet Wrenches

氣動衝擊扳手 & 棘輪扳手

43



Aircraft Hand Tools

航太手工工具

67-75

GRADE



Professional Quality
專業級



Industrial Quality
工業級

Air Riveting Hammers (Aircraft Tools)

氣動鉚釘鎚 - 航太工具



RH-9501M

Mini Air Riveting Hammer
w/ 2pcs Chisel

- Blow Per Min: 5,500 BPM



RH-9501XS

Air Riveting Hammer

- Blow Per Min: 2,850 BPM
- Capacity cold rivets (Dural) 5/32"(4.0 mm)
- Capacity cold rivets (Steel) 1/8"(3.2 mm)



RH-9502XS

Air Riveting Hammer

- Blow Per Min: 2,580 BPM
- Capacity cold rivets (Dural) 1/8"(3.2 mm)
- Capacity cold rivets (Steel) 3/32"(2.4 mm)



RH-9503XS

Air Riveting Hammer

- Blow Per Min: 2,160 BPM
- Capacity cold rivets (Dural) 3/16"(4.8 mm)
- Capacity cold rivets (Steel) 5/32"(4.0 mm)



RH-9504XS

Air Riveting Hammer

- Blow Per Min: 1,740 BPM
- Capacity cold rivets (Dural) 1/4"(6.4 mm)
- Capacity cold rivets (Steel) 3/16"(4.8 mm)



RH-9501XSL

Air Riveting Hammer
(Lever Type)

- Blow Per Min: 2,850 BPM
- Capacity cold rivets (Dural) 5/32"(4.0 mm)
- Capacity cold rivets (Steel) 1/8"(3.2 mm)



RH-9502XSL

Air Riveting Hammer
(Lever Type)

- Blow Per Min: 2,580 BPM
- Capacity cold rivets (Dural) 1/8"(3.2 mm)
- Capacity cold rivets (Steel) 3/32"(2.4 mm)



RH-9503XSL

Air Riveting Hammer
(Lever Type)

- Blow Per Min: 2,160 BPM
- Capacity cold rivets (Dural) 3/16"(4.8 mm)
- Capacity cold rivets (Steel) 5/32"(4.0 mm)



RH-9504XSL

Air Riveting Hammer
(Lever Type)

- Blow Per Min: 1,740 BPM
- Capacity cold rivets (Dural) 1/4"(6.4 mm)
- Capacity cold rivets (Steel) 3/16"(4.8 mm)



Model No.	Blows Per Minute	Bore & Stroke		Chisel Shank		Net Weight		Overall Length		Air Cons.		Air Inlet
	打擊次數	缸徑與行程		鑿刀柄徑		重量		長度		耗氣量		進氣口
	B.P.M	Inch	mm	Inch	mm	lb	kg	Inch	mm	CFM	L/min	Inch
RH-9501M	5,500	1	25	0.4	10.2	0.77	0.35	6.50	165	3.0	85	1/4"
RH-9501XS	2,850	9/16x1-3/8	14.3x35	0.4	10.2	2.20	1.00	6.30	160	10.6	300	1/4"
RH-9502XS	2580	1/2x2-1/4	12.7x57.2	0.4	10.2	2.64	1.20	8.46	215	17.7	500	1/4"
RH-9503XS	2,160	1/2x2-7/8	12.7x73	0.4	10.2	2.86	1.30	7.32	186	14.5	410	1/4"
RH-9504XS	1,740	1/2x3-1/16	12.7x77.8	0.4	10.2	3.08	1.40	10.08	256	13.1	370	1/4"
RH-9501XSL	2,850	9/16x1-3/8	14.3x35	0.4	10.2	2.20	1.00	6.30	160	10.6	300	1/4"
RH-9502XSL	2,580	1/2x2-1/4	12.7x57.2	0.4	10.2	2.64	1.20	8.46	215	17.7	500	1/4"
RH-9503XSL	2,160	1/2x2-7/8	12.7x73	0.4	10.2	2.86	1.30	7.32	186	14.5	410	1/4"
RH-9504XSL	1,740	1/2x3-1/16	12.7x77.8	0.4	10.2	3.08	1.40	10.08	256	13.1	370	1/4"

Air Riveting Hammers (Aircraft Tools)

氣動鉚釘鎚- 航太工具



RH-9501X

Air Riveting Hammer



- Blow Per Min: 2,850 BPM
- Capacity cold rivets (Dural) 5/32"(4.0 mm)
- Capacity cold rivets (Steel) 1/8"(3.2 mm)



RH-9502X

Air Riveting Hammer



- Blow Per Min: 2,850 BPM
- Capacity cold rivets (Dural) 1/8"(3.2 mm)
- Capacity cold rivets (Steel) 3/32"(2.4 mm)



RH-9503X

Air Riveting Hammer



- Blow Per Min: 2,160 BPM
- Capacity cold rivets (Dural) 3/16"(4.8 mm)
- Capacity cold rivets (Steel) 5/32"(4.0 mm)



RH-9504X

Air Riveting Hammer



- Blow Per Min: 1,740 BPM
- Capacity cold rivets (Dural) 1/4"(6.4 mm)
- Capacity cold rivets (Steel) 3/16"(4.8 mm)



RH-9505X

Air Riveting Hammer



- Blow Per Min: 1,560 BPM
- Capacity cold rivets (Dural) 1/4"(6.4 mm)
- Capacity cold rivets (Steel) 3/16"(4.8 mm)



RH-9507X

Air Riveting Hammer



- Blow Per Min: 1,140 BPM
- Capacity cold rivets (Dural) 1/4"(6.4 mm)
- Capacity cold rivets (Steel) 5/16"(7.9 mm)



RH-9509X

Air Riveting Hammer



- Blow Per Min: 900 BPM
- Capacity cold rivets (Dural) 3/8"(9.5 mm)
- Capacity cold rivets (Steel) 3/8"(9.5 mm)



Model No.	Blows Per Minute	Bore & Stroke		Chisel Shank		Net Weight		Overall Length		Air Cons.		Air Inlet
	打擊次數	缸徑與行程		鑿刀柄徑		重量		長度		耗氣量		進氣口
	B.P.M	Inch	mm	Inch	mm	lb	kg	Inch	mm	CFM	L/min	Inch
RH-9501X	2,850	9/16x1-3/8	14.3x35	0.4	10.2	2.21	1.0	4.53	115	10.6	300	1/4"
RH-9502X	2,850	1/2x2-1/4	12.7x57.2	0.4	10.2	2.65	1.2	6.69	170	17.7	500	1/4"
RH-9503X	2,160	1/2x2-7/8	12.7x73	0.4	10.2	2.86	1.3	7.32	186	14.5	410	1/4"
RH-9504X	1,740	1/2x3-1/16	12.7x77.8	0.4	10.2	3.08	1.4	8.31	211	13.1	370	1/4"
RH-9505X	1,560	3/4x2-11/16	19x68.3	0.5	12.65	4.84	2.2	8.97	230	18.4	520	1/4"
RH-9507X	1,140	3/4x3-7/8	19x98.4	0.5	12.65	2.21	1.0	9.98	256	21.9	620	1/4"
RH-9509X	900	3/4x5-13/16	19x147.6	0.5	12.65	2.65	1.2	11.07	284	26.9	760	1/4"

Air Riveting Hammer Kits (Aircraft Tools)

氣動鉚釘鎚組套- 航太工具



**RH-9502XK
RH-9503XK
RH-9504XK**

13PCS Air Riveting Hammer Kit

★★★



Contents

- 1PC RH-9502X / RH-9503X/ RH-9504X
- 2PCS Retainer Spring
- 1PC "T" Air Regulator
- 1PC Oil Pot
- 1PC Nipple
- 1PC Thread Seal Type
- 5PCS Hammer Chisel (100A3 Series) 3/16", 5/32", 1/8", 3/32", 1"
- 1PC Blow Molded Case



**RH-9505XK
RH-9507XK
RH-9509XK**

13PCS Air Riveting Hammer Kit

★★★



Contents

- 1PC RH-9505X / RH-9507X/ RH-9509X
- 2PCS Retainer Spring
- 1PC "T" Air Regulator
- 1PC Oil Pot
- 1PC Nipple
- 1PC Thread Seal Type
- 5PCS Hammer Chisel (YM7 Series) 3/16", 5/32", 1/8", 3/32", 1-1/4"
- 1PC Blow Molded Case



**RH-9502XK2
RH-9503XK2
RH-9504XK2**

13PCS Air Riveting Hammer Kit

★★★



Contents

- 1PC RH-9502X / RH-9503X/ RH-9504X
- 2PCS Retainer Spring (AC-1014, AC-1033)
- 1PC "T" Air Regulator (ACC-11T)
- 1PC Plug
- 4PCS Hammer Chisel (100A3 Series) 3/16", 5/32", 1/8", 3/32"
- 1PC Standard Flush Set 1" (AC-1605RF)
- 2PCS Bucking Bar (AC-1607B, AC-1608B)
- 1PC Blow Molded Case



**RH-9502XK3
RH-9503XK3
RH-9504XK3**

20PCS Air Riveting Hammer Kit

★★★



Contents

- 1PC RH-9502X / RH-9503X/ RH-9504X
- 2PCS Retainer Spring (AC-1014, AC-1033)
- 1PC "T" Air Regulator (ACC-11T)
- 1PC Plug
- 4PCS Hammer Chisel (100A3 Series) 3/16", 5/32", 1/8", 3/32"
- 4PCS Hammer Chisel (YM901~YM904) 3/16", 5/32", 1/8", 3/32"
- 2PCS Standard Flush Set 1", 1-1/4" (AC-1605RF, AC-1606RF)
- 4PCS Bucking Bar (AC-1607B~AC-1610B)
- 1PC Blow Molded Case



Air Riveting Hammers (Aircraft Tools)

氣動鉚釘鎚- 航太工具



RH-9501X(P) ★★★★★ Aircraft 1X Air Riveting Hammer

- Blow Per Min: 2,850 BPM
- Capacity cold rivets (Dural) 5/32"(4.0 mm)
- Capacity cold rivets (Steel) 1/8"(3.2 mm)
- Powder coating gun body



RH-9502X(P) ★★★★★ Aircraft 2X Air Riveting Hammer

- Blow Per Min: 2,850 BPM
- Capacity cold rivets (Dural) 1/8"(3.2 mm)
- Capacity cold rivets (Steel) 3/32"(2.4mm)
- Powder coating gun body



RH-9503X(P) ★★★★★ Aircraft 3X Air Riveting Hammer

- Blow Per Min: 2160 BPM
- Capacity cold rivets (Dural) 3/16"(4.8 mm)
- Capacity cold rivets (Steel) 5/32"(4.0 mm)
- Powder coating gun body



RH-9504X(P) ★★★★★ Aircraft 4X Air Riveting Hammer

- Blow Per Min: 1,740 BPM
- Capacity cold rivets (Dural) 1/4"(6.4 mm)
- Capacity cold rivets (Steel) 3/16"(4.8 mm)



RH-9505X(P) ★★★★★ Aircraft 5X Air Riveting Hammer

- Blow Per Min: 1,560 BPM
- Capacity cold rivets (Dural) 1/4"(6.4 mm)
- Capacity cold rivets (Steel) 3/16"(4.8 mm)
- Powder coating gun body



RH-9507X(P) ★★★★★ Aircraft 7X Air Riveting Hammer

- Blow Per Min: 1,140 BPM
- Capacity cold rivets (Dural) 5/16"(7.9 mm)
- Capacity cold rivets (Steel) 1/4"(6.4 mm)
- Powder coating gun body



RH-9509X(P) ★★★★★ Aircraft 9X Air Riveting Hammer

- Blow Per Min: 900 BPM
- Capacity cold rivets (Dural) 3/8"(9.5 mm)
- Capacity cold rivets (Steel) 3/8"(9.5 mm)



Model No.	Blows Per Minute	Bore & Stroke		Chisel Shank		Net Weight		Overall Length		Air Cons.		Air Inlet
	打擊次數	缸徑與行程		鑿刀柄徑		重量		長度		耗氣量		進氣口
	B.P.M	Inch	mm	Inch	mm	lb	kg	Inch	mm	CFM	L/min	Inch
RH-9501X(P)	2,850	9/16x1-3/8	14.3x35	0.4	10.2	2.21	1.0	4.49	115	10.6	300	1/4"
RH-9502X(P)	2,850	1/2x2-1/4	12.7x57.2	0.4	10.2	2.64	1.2	6.63	170	17.7	500	1/4"
RH-9503X(P)	2,160	1/2x2-7/8	12.7x73	0.4	10.2	2.86	1.3	7.25	186	14.5	410	1/4"
RH-9504X(P)	1,740	1/2x3-11/16	12.7x77.8	0.4	10.2	3.08	1.4	8.22	211	13.1	370	1/4"
RH-9505X(P)	1,560	3/4x2-11/16	19x68.3	0.5	12.65	4.84	2.2	8.97	230	18.4	520	1/4"
RH-9507X(P)	1,140	3/4x3-7/8	19x98.4	0.5	12.65	2.29	1.0	9.98	256	21.9	620	1/4"
RH-9509X(P)	900	3/4x5-13/16	19x147.6	0.5	12.65	5.94	2.7	11.07	284	26.8	760	1/4"

Low Vibration Air Riveting Hammers & Kits (Aircraft Tools)

減振氣動鉚釘鎚 & 組套- 航太工具

SR-9502XPLUS

Low Vibration Air Riveting Hammer



- Blow Per Min: 3,960 BPM
- Streamlined Shape
- Adjustable Air Flow
- Riveting Capacity:
(Dural) 3/32"-3/16" (2-5mm),
(Steel) 2/32"-5/32" (1-4mm)



SR-9503XPLUS

Low Vibration Air Riveting Hammer



- Blow Per Min: 2,160 BPM
- Streamlined Shape
- Adjustable Air Flow
- Riveting Capacity:
(Dural) 5/32"-1/4" (4-7mm),
(Steel) 1/8"-1/4" (3-6mm),
(Titanium) 3/32"-5/32" (2-4mm)



SR-9504XPLUS

Low Vibration Air Riveting Hammer



- Blow Per Min: 1,440 BPM
- Streamlined Shape
- Adjustable Air Flow
- Riveting Capacity:
(Dural) 3/16"-5/16" (5-8mm),
(Steel) 5/32"-1/4" (4-7mm),
(Titanium) 65/32"-1/4" (3-6mm)



SRV-10 / SRV-16

Vibration-Damped Bucking Bar



- SRV-10:
Weight: 1.1kgs, Dia: 48mm
- SRV-16:
Weight: 1.7kgs, Dia: 48mm



SR-9502XPLUSK SR-9503XPLUSK SR-9504XPLUSK

12PCS Low Vibration Air Riveting Hammer Kit w/ Grip



Contents

- 1PC SR-9502XPLUS/ SR-9503XPLUS/ SR-9504XPLUS
- 1PC Retainer Spring (SR-9502XPLUS-P43/ SR-9503(4)XPLUS-P16)
- 1PC "T" Air Regulator (ACC-11T)
- 1PC Plug
- 4PCS Hammer Chisel (100A3 Series)
3/16", 5/32", 1/8", 3/32"
- 1PC Standard Flush Set (AC-1605RF)
- 2PCS Bucking Bar (AC-1607B, AC-1608B)
- 1PC Blow Molded Case



SR-9502XPLUSK1 SR-9503XPLUSK1 SR-9504XPLUSK1

19PCS Low Vibration Air Riveting Hammer Kit w/ Grip



Contents

- 1PC SR-9502XPLUS / SR-9503XPLUS/ SR-9504XPLUS
- 1PC Retainer Spring (SR-9502XPLUS-P43/ SR-9503(4)XPLUS-P16)
- 1PC "T" Air Regulator (ACC-11T)
- 1PC Plug
- 4PCS Hammer Chisel 3/16", 5/32"
1/8", 3/32" (100A3 Series)
- 4PCS Hammer Chisel (YM901~YM904)
3/16", 5/32", 1/8", 3/32"
- 2PCS Standard Flush Set 1", 1-1/4" (AC-1605RF, AC-1606RF)
- 4PCS Bucking Bar (AC-1607B~AC-1610B)
- 1PC Blow Molded Case



Model No.	Blows Per Minute	Bore & Stroke		Chisel Shank		Net Weight		Overall Length		Air Inlet	Air Cons.		Air Pressure	
	打撃次數	缸徑與行程		鑿刀柄徑		重量		長度		進氣口	耗氣量		空氣壓力	
	B.P.M	Inch	mm	Inch	mm	lb	kg	Inch	mm	Inch	CFM	L/min	psi	bar
SR-9502XPLUS	3,960	0.6x1.57	15x40	0.4	10.18	2.20	1.00	7.09	180	1/4"	6.00	170	90	6.2
SR-9503XPLUS	2,160	0.6x4.0	15x102	0.4	10.18	2.94	1.33	8.86	225	1/4"	19.00	538	90	6.2
SR-9504XPLUS	1,440	0.6x5.39	15x137	0.4	10.18	2.94	1.33	11.02	280	1/4"	21.00	594	90	6.2

Air Riveting Hammer Accessories (Aircraft Tools)

氣動鉚釘鎚配件- 航太工具



Accessories For Air Riveting Hammer

AC-1012

Bee Hive Spring

- For RH-9505X(P) ~ RH-9509X(P)



AC-1013

Retainer Spring

- For RH-9505X(P) ~ RH-9509X(P)



AC-1014

Bee Hive Spring

- For RH-9502X(P) ~ RH-9504X(P)



AC-1015

Retainer Spring

- For RH-9502X(P) ~ RH-9504X(P)



AC-1016

Retainer Spring

- For RH-9501X



AC-1033

Retainer Spring

- For RH-9502X ~ RH9504X



AC-1034

(Small) Customized Retainer Spring

- For Customized 2X ~ 4X Rivet Gun



AC-1035

(Large) Customized Retainer Spring

- For Customized 2X ~ 4X Rivet Gun



AC-1017

Quick Change Retainer

- For RH-9505X(P)~ RH-9509X(P)



AC-1018

Quick Change Retainer

- For RH-9502X(P)~ RH-9504X(P)



AC-1019Q

Quick Change Retainer

- For **SR** Air Hammer



Rivet Chisel

- For Air Riveting Hammer



Length		Rivet Size							
		3/32" (2.4mm)	1/8" (3.2mm)	5/32" (4.0mm)	3/16" (4.8mm)	1/4" (6.4mm)	5/16" (8mm)	1" (25mm)	1-1/4" (32mm)
mm	Inch	Model No.	Model No.	Model No.	Model No.	Model No.	Model No.	Model No.	Model No.
89	3-1/2"	100A3-3/32"	100A3-1/8"	100A3-5/32"	100A3-3/16"	100A3-1/4"	-	100A3-1"	-
100	4"	YM701	YM702	YM703	YM704	YM705	YM706	-	YM707
140	5-1/2"	100A5-3/32"	100A5-1/8"	100A5-5/32"	100A5-3/16"	100A5-1/4"	-	-	-

Air Riveting Hammer Accessories (Aircraft Tools)

氣動鉚釘鎚配件- 航太工具



Accessories For Air Riveting Hammer

YM901 Round Shank 3/16" 10° Offset Hammer Chisel

- Round Shank:
0.401" (10.18mm)
- Length: 88 mm
- For RH-9502(03)(04)XK3,
SR-9502(03)(04)XPLUSK1



YM902 Round Shank 5/32" 10° Offset Hammer Chisel

- Round Shank:
0.401" (10.18mm)
- Length: 88 mm
- For RH-9502(03)(04)XK3,
SR-9502(03)(04)XPLUSK1



YM903 Round Shank 1/8" 10° Offset Hammer Chisel

- Round Shank:
0.401" (10.18mm)
- Length: 88 mm
- For RH-9502(03)(04)XK3,
SR-9502(03)(04)XPLUSK1



YM904 Round Shank 3/32" 10° Offset Hammer Chisel

- Round Shank:
0.401" (10.18mm)
- Length: 88 mm
- For RH-9502(03)(04)XK3,
SR-9502(03)(04)XPLUSK1



AC-1605RF Round Shank 1" Standard Flush Set

- Round Shank: 0.401" (10.18mm)
- Diameter Face: 1"
- Overall Length: 2-1/2"
- For RH-9502X(03)(04)K2,
RH-9502X(03)(04)K3,
SR-9502(03)(04)XPLUSK,
SR-9502(03)(04)XPLUSK1



AC-1606RF Round Shank 1-1/4" Standard Flush Set

- Round Shank: 0.401" (10.18mm)
- Diameter Face: 1-1/4"
- Overall Length: 2-1/4"
- For RH-9502(03)(04)XK3,
SR-9502(03)(04)XPLUSK1



AC-1031RK Round Shank 0.401" (10.18mm) 10PCS Rivet Chisel Set

Contents

- 1PC Straight Type Chisel 3/16" (100A3-3/16")
- 1PC Straight Type Chisel 5/32" (100A3-5/32")
- 1PC Straight Type Chisel 1/8" (100A3-1/8")
- 1PC Straight Type Chisel 3/32" (100A3-3/32")
- 1PC Hammer Chisel 3/16" (YM901)
- 1PC Hammer Chisel 5/32" (YM902)
- 1PC Hammer Chisel 1/8" (YM903)
- 1PC Hammer Chisel 3/32" (YM904)
- 1PC Standard Flush Set 1" (AC-1605RF)
- 1PC Standard Flush Set 1-1/4" (AC-1606RF)
- 1PC White Box



AC-1046ASRK Round Shank 4PCS 10° Offset Short Shank Rivet Sets

Features:

- For use with "Jiffy" style short shank rivet gun 0.401" shank.
- Material: SCM440 • Length: 42 mm
- Surface Treatment: Black Oxide
- Package: Plastic Bag/ PC

Contents

- 1PC 3/16" 10° Offset Short Shank Rivet Set (AC-1042ASR)
- 1PC 5/32" 10° Offset Short Shank Rivet Set (AC-1043ASR)
- 1PC 1/8" 10° Offset Short Shank Rivet Set (AC-1044ASR)
- 1PC 3/32" 10° Offset Short Shank Rivet Set (AC-1045ASR)



3/16" 5/32" 1/8" 3/32"

AC-1052SRK Round Shank 5PCS Straight Short Shank Rivet Sets

Features:

- For use with "Jiffy" style short shank rivet gun 0.401" shank.
- Material: SCM440 • Length: 31 mm
- Surface Treatment: Black Oxide
- Package: Plastic Bag/PC

Contents

- 1PC Straight Short Shank Flush Rivet Set (AC-1047SR)
- 1PC 3/16" Straight Short Shank Rivet Set (AC-1048SR)
- 1PC 5/32" Straight Short Shank Rivet Set (AC-1049SR)
- 1PC 1/8" Straight Short Shank Rivet Set (AC-1050SR)
- 1PC 3/32" Straight Short Shank Rivet Set (AC-1051SR)



Flush 3/16" 5/32" 1/8" 3/32"

AC-0024R 3-1/2" (88.9 mm) AC-0024R-55 5-1/2" (139.7 mm) AC-0024R-75 7-1/2" (190.5 mm)

1/2" Straight Flush Rivet Set (Round Shank)

- For 0.401" (10.18mm) Shank Rivet Gun
- 1/2" Diameter Face



3-1/2" (88.9mm)
5-1/2" (139.7mm)
7-1/2" (190.5mm)

Air Riveting Hammer Accessories (Aircraft Tools)

氣動鉚釘鎚配件- 航太工具



Accessories For Air Riveting Hammer

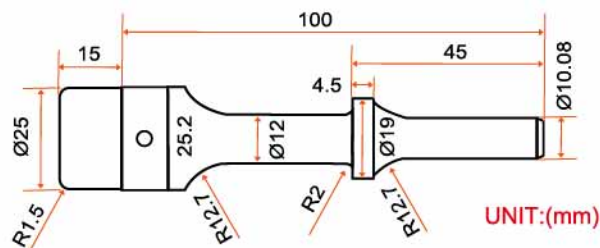
AC-1032RK

Round Shank Chisel Set (3pcs)

NEW

Contents

- 1PC Nylon Head Round Shank Chisel (AC-1032NR)
- 1PC Aluminum Head Round Shank Chisel (AC-1032AR)
- 1PC Brass Head Round Shank Chisel (AC-1032BR)
- Package: Plastic Bag/ 3PC



AC-1032NR

Nylon Head Round Shank Chisel

- Round Shank: 0.401"(10.18 mm)
- Length: 100 – 106 mm
- Material: SCM440
- Heat Treatment: 48° - 51°
- Surface Treatment: Black Oxide
- Package: Plastic Bag/PC

NEW



AC-1032AR

Aluminum Head Round Shank Chisel

- Round Shank: 0.401"(10.18 mm)
- Length: 100 – 106 mm
- Material: SCM440
- Heat Treatment: 48° - 51°
- Surface Treatment: Black Oxide
- Package: Plastic Bag/PC

NEW



AC-1032BR

Brass Head Round Shank Chisel

- Round Shank: 0.401"(10.18 mm)
- Length: 100 – 106 mm
- Material: SCM440
- Heat Treatment: 48° - 51°
- Surface Treatment: Black Oxide
- Package: Plastic Bag/PC

NEW



AC-1610B

Bucking Bar

- For RH-9502XK3/ RH-9503XK3/ RH-9504XK3
- Material: Forge 4140

NEW



AC-1609B

Bucking Bar

- For RH-9502XK3/ RH-9503XK3/ RH-9504XK3
- Material: Forge 4140

NEW



AC-1608B

Bucking Bar

- For RH-9502XK2/ RH-9503XK2/ RH-9504XK2/ RH-9502XK3/ RH-9503XK3/ RH-9504XK3
- Material: Forge 4140

NEW



AC-1607B

Bucking Bar

- For RH-9502XK2/ RH-9503XK2/ RH-9504XK2/ RH-9502XK3/ RH-9503XK3/ RH-9504XK3
- Material: Forge 4140

NEW



Pneumatic Rivet Squeezers (Aircraft Tools)

氣動壓鉚機 - 航太工具



SA-SC3001A

Pneumatic "C" Squeeze
w/ 3" Yoke

- Single Cylinder



SA-SC3001B

Pneumatic "C" Squeeze
w/ 1-1/2" Yoke

- Single Cylinder



SA-SC3001C

Pneumatic "C" Squeeze
w/ 4" Yoke

- Single Cylinder



SA-SC3001D

Pneumatic "C" Squeeze
w/ 2-1/2" Yoke

- Single Cylinder



SA-SC3002A

Pneumatic "C" Squeeze
w/ 3" Yoke

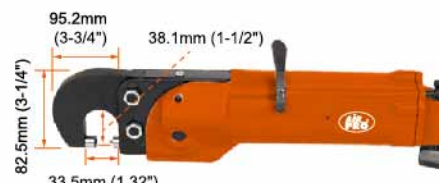
- Tandem Double Cylinder



SA-SC3002B

Pneumatic "C" Squeeze
w/ 1-1/2" Yoke

- Tandem Double Cylinder



SA-SC3002C

Pneumatic "C" Squeeze
w/ 4" Yoke

- Tandem Double Cylinder



SA-SC3002D

Pneumatic "C" Squeeze
w/ 2-1/2" Yoke

- Tandem Double Cylinder



Model No.	Rivet Capacity				Yoke Reach		Yoke Gap		Closed Height		Shank Diameter		Max. Force		Max. Travel		Net Weight		Overall Length		Air Inlet
	拉釘規格				鉗口喉深		鉗口間距		鉗口密合高度		押鉚能力		最大鉚力		最大行程		重量		長度		進氣口
	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	lb		Inch	mm	lb	kg	Inch	mm	Inch
SA-SC3001A	1/8	3.2	3/32	2.4	3.0	76.2	1.34	34.1	0.69	17.5	0.19	4.75	3,000		9/16	14.27	4.5	2.04	10.25	260	1/4
SA-SC3001B	1/8	3.2	3/32	2.4	1-1/2	38.1	1.32	33.5	0.69	17.5	0.19	4.75	3,000		9/16	14.27	4.5	2.04	10.25	260	1/4
SA-SC3001C	1/8	3.2	3/32	2.4	4.0	101.6	1.44	36.6	0.69	17.5	0.19	4.75	3,000		9/16	14.27	4.5	2.04	10.25	260	1/4
SA-SC3001D	1/8	3.2	3/32	2.4	2-1/2	63.5	1.32	33.5	0.69	17.5	0.19	4.75	3,000		9/16	14.27	4.5	2.04	10.25	260	1/4
SA-SC3002A	3/16	4.8	5/32	4.0	3.0	76.2	1.34	34.1	0.69	17.5	0.19	4.75	6,000		9/16	14.27	5.5	2.49	14.02	356	1/4
SA-SC3002B	3/16	4.8	5/32	4.0	1-1/2	38.1	1.32	33.5	0.69	17.5	0.19	4.75	6,000		9/16	14.27	5.5	2.49	14.02	356	1/4
SA-SC3002C	3/16	4.8	5/32	4.0	4.0	101.6	1.44	36.6	0.69	17.5	0.19	4.75	6,000		9/16	14.27	5.5	2.49	14.02	356	1/4
SA-SC3002D	3/16	4.8	5/32	4.0	2-1/2	63.5	1.32	33.5	0.69	17.5	0.19	4.75	6,000		9/16	14.27	5.5	2.49	14.02	356	1/4

Pneumatic Rivet Squeezers (Aircraft Tools)

氣動壓鉚機-航太工具



SA-SC3003A

Pneumatic "A" Squeeze
w/ 3" Yoke

- Single Cylinder





SA-SC3004A

Pneumatic "A" Squeeze
w/ 3" Yoke

- Tandem Double Cylinder





SA-SC3003D

Pneumatic "A" Squeeze
w/ 2-1/4" Yoke

- Single Cylinder





SA-SC3004A-241

Pneumatic "A" Squeeze
w/ 2-1/4" Yoke

- Tandem Double Cylinder





SA-SC3003B

Pneumatic "A" Squeeze
w/ 1-1/2" Yoke

- Single Cylinder





SA-SC3004B

1-1/2" Yoke

SA-SC3004B-241

2-1/4" Yoke

Pneumatic "A" Squeeze

- Tandem Double Cylinder





SA-SC3004B

Model No.	Rivet Capacity Alum Steel				Yoke Reach		Yoke Gap		Closed Height		Shank Diameter		Max. Force	Max. Travel		Net Weight		Overall Length		Air Inlet
	拉釘規格				鉗口喉深		鉗口間距		鉗口密合高度		押鉚能力		最大鉚力	最大行程		重量		長度		進氣口
	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	lb	Inch	mm	lb	kg	Inch	mm	Inch
SA-SC3003A	3/32	2.38	1/16	1.58	3.0	76.2	1.57	40.0	0.87	22.2	0.19	4.75	1,800	3/4	19.05	4.50	2.04	10.23	270	1/4
SA-SC3003D	3/32	2.38	1/16	1.58	2-1/4	57.1	1.68	42.6	0.87	22.2	0.19	4.75	2,200	7/8	22.20	4.25	1.90	10.24	260	1/4
SA-SC3003B	1/8	3.17	3/32	2.36	1-1/2	38.1	1.37	34.7	0.87	22.2	0.19	4.75	3,000	5/8	15.90	3.79	1.72	9.05	230	1/4
SA-SC3004A	1/8	3.17	3/32	2.36	3.0	76.2	1.57	40.0	0.87	22.2	0.19	4.75	4,100	3/4	19.05	6.00	2.72	13.50	343	1/4
SA-SC3004A-241	5/32	4.00	1/8	3.20	2-1/4	57.1	1.68	42.6	0.87	22.2	0.19	4.75	4,300	7/8	22.20	5.25	2.40	12.80	328	1/4
SA-SC3004B	3/16	4.76	5/32	3.96	1-1/2	38.1	1.37	34.7	0.87	22.2	0.19	4.75	6,000	5/8	15.90	5.00	2.27	11.02	280	1/4
SA-SC3004B-241	5/32	4.00	1/8	3.20	2-1/4	57.1	1.68	42.6	0.87	22.2	0.19	4.75	6,000	5/8	15.90	4.75	2.20	11.02	280	1/4

Pneumatic Rivet Squeezers Accessories (Aircraft Tools)

氣動壓鉚機配件 - 航太工具



"C" Squeezer Yokes

Fits most model SA-SC3000 series Pneumatic Squeezers.

Precision crafted and heat treated Takes standard 3/16" shank Squeezer sets and dimple dies.

SA-PC15

1-1/2" C Squeezers Yoke

- Reach: 1-1/2" (38.1 mm)
- Gap: 1.32" (33.5 mm)
- L: 3-1/4" (82.5 mm)
- H: 3-3/4" (95.2 mm)



SA-PL25

2-1/2" Longeron Yoke

- Reach: 2.5" (63.5 mm)
- Gap: 1.32" (33.5 mm)
- L: 4" (101.6 mm)
- H: 4" (101.6 mm)



SA-PC30

3" C Squeezers Yoke

- Reach: 3" (76.2 mm)
- Gap: 1.34" (34.1 mm)
- L: 4-3/4" (120.6 mm)
- H: 3-3/4" (95.2 mm)



SA-PC40

4" C Squeezers Yoke

- Reach: 4" (101.6 mm)
- Gap: 1.44" (36.6 mm)
- L: 6-1/4" (158.7 mm)
- H: 3-3/4" (95.2 mm)

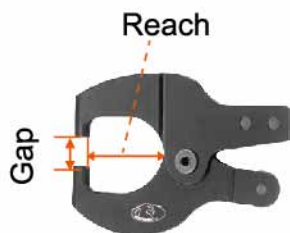


"A" Squeezer Yokes

SA-PA15 1-1/2"

"A" Squeezers Yoke

- Reach: 1-1/2" (38.1 mm)
- Gap: 1.37" (34.7 mm)



SA-PA25 2-1/4"

"A" Squeezers Yoke

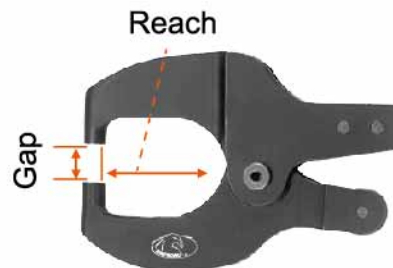
- Reach: 2-1/4" (57.15 mm)
- Gap: 1.68" (42.6 mm)



SA-PA30 3"

"A" Squeezers Yoke

- Reach: 3" (76.2 mm)
- Gap: 1.57" (40 mm)

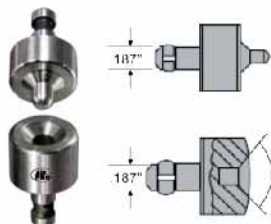


Pneumatic Rivet Squeezers Accessories (Aircraft Tools)

氣動壓鉚機配件 - 航太工具



Dimple Punch & Die Sets



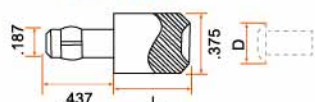
"Spring back" dimple dies are the best-designed dimple dies on the market today. These 100° AN426 dies are designed to greatly reduce deflection of the sheet metal. This stainless steel tool is built for years of quality service. The 3/16 shaft enables use in most pneumatic and hand squeezes.

ITEM No.	Size	ITEM No.	Size
AN426-3	3/32"	AN426-6	3/16"
AN426-4	1/8"	AN426-6#	#6 screw (0.13")
AN426-5	5/32"	AN426-8#	#8 screw (0.16")

Cupped And Rolling Dies For Solid And Tubular Rivets



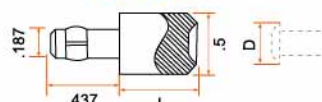
RS1002



RS2002-15

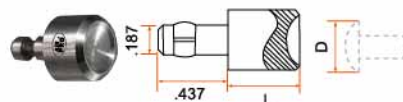


RS2002



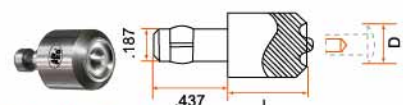
Universal Head

ITEM No.	Size	ITEM No.	Size	ITEM No.	Size	ITEM No.	Size	ITEM No.	Size
	L(inch) Dia .187		L(inch) Dia .250		L(inch) Dia .187		L(inch) Dia .250		L(inch) Dia .312
RS1002-1X	1/8	RS1002-8X	1/8	RS2002-1X	1/8	RS2002-8X	1/8	RS2002-15X	1/8
RS1002-1	1/4	RS1002-8	1/4	RS2002-1	1/4	RS2002-8	1/4	RS2002-15	1/4
RS1002-2	3/8	RS1002-9	3/8	RS2002-2	3/8	RS2002-9	3/8	RS2002-16	3/8
RS1002-3	1/2	RS1002-10	1/2	RS2002-3	1/2	RS2002-10	1/2	RS2002-17	1/2
RS1002-4	5/8	RS1002-11	5/8	RS2002-4	5/8	RS2002-11	5/8	RS2002-18	5/8
RS1002-5	3/4	RS1002-12	3/4	RS2002-5	3/4	RS2002-12	3/4	RS2002-19	3/4
RS1002-6	7/8	RS1002-13	7/8	RS2002-6	7/8	RS2002-13	7/8	RS2002-20	7/8
RS1002-7	1	RS1002-14	1	RS2002-7	1	RS2002-14	1	RS2002-21	1



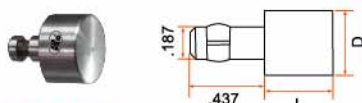
Oval / Truss Head

ITEM No.	Size
	L(inch) Dia .375
RS2004-23	3/8 3/8"



Tubular Roll

ITEM No.	Size
	L(inch) Dia .187
RS2005-24	1/2 3/16"



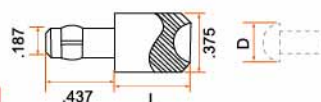
Flush Set

ITEM No.	Size
	L(inch) Dia .5
RS2003-16	1/8
RS2003-18	1/4
RS2003-20	3/8
RS2003-22	1/2
RS2003-24	5/8
RS2003-26	3/4
RS2003-28	7/8

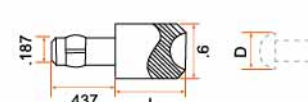
Round Head

ITEM No.	Size	ITEM No.	Size	ITEM No.	Size
	L(inch) Dia		L(inch) Dia		L(inch) Dia
RS1000-1X	1/8	RS2000-8X	1/8	RS2100-01X	1/8
RS1000-1	1/4	RS2000-8	1/4	RS2100-01	1/4
RS1000-2	3/8	RS2000-9	3/8	RS2100-02	3/8
RS1000-3	1/2	RS2000-10	1/2	RS2100-03	1/2
		RS2000-11	5/8	RS2100-01XA	1/8
		RS2000-12	3/4	RS2100-01A	1/4
				RS2100-02A	3/8
				RS2100-03A	1/2

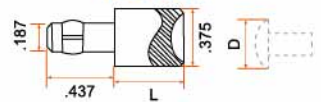
RS1000



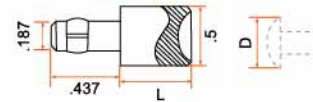
RS2000 / RS2100



RS1001



RS2001



Flush Set

ITEM No.	Size	ITEM No.	Size	ITEM No.	Size
	L(inch) Dia		L(inch) Dia		L(inch) Dia
RS1001-8X	1/8	RS2001-8X	1/8	RS2001-15X	1/8
RS1001-8	1/4	RS2001-8	1/4	RS2001-15	1/4
RS1001-9	3/8	RS2001-9	3/8	RS2001-16	3/8
RS1001-10	1/2	RS2001-10	1/2	RS2001-17	1/2
RS1001-11	5/8	RS2001-11	5/8		
RS1001-12	3/4	RS2001-12	3/4		
RS1001-13	7/8	RS2001-13	7/8		
RS1001-14	1	RS2001-14	1		

Air Angle Drills (Aircraft Tools)

彎頭角鑽-航太工具



SA6639A 2,500 RPM
SA6639B 3,300 RPM
SA6639C 4,500 RPM

90° Industrial Angle Drill
 (Thread Type 1/4"-28)

★★★



SA6640A 2,500 RPM
SA6640B 3,300 RPM
SA6640C 4,500 RPM

30° Industrial Angle Drill
 (Thread Type 1/4"-28)

★★★



SA6641A 2,200 RPM
SA6641B 2,900 RPM
SA6641C 4,000 RPM

360° Industrial Angle Drill
 (Thread Type 1/4"-28)

★★★



SA6643A 2,500 RPM
SA6643B 3,300 RPM
SA6643C 4,500 RPM

90° Industrial Angle Drill
 (Collect Type: 9/32"-40 UNF,
 Collect Size: 2.0-5.9mm)

SA6644A 2,500 RPM
SA6644B 3,300 RPM
SA6644C 4,500 RPM

30° Industrial Angle Drill
 (Collect Type: 9/32"-40 UNF,
 Collect Size: 2.0-5.9mm)

SA6645A 2,200 RPM
SA6645B 2,900 RPM
SA6645C 4,000 RPM

360° Industrial Angle Drill
 (Collect Type: 9/32"-40 UNF,
 Collect Size: 2.0-5.9mm)



SA6642A 2,500 RPM
SA6642B 3,300 RPM
SA6642C 4,500 RPM

L-Type Industrial Angle Drill
 (Thread Type 1/4"-28)

- Rear Exhaust
- Horse Power: 0.45 HP
- Spindle Thread: 1/4"-28
- Vibration: 2.5 m/s²

★★★



SA6649B-HS
 Industrial Angle Drill Housing

- Free Speed: 3,600 RPM
- Horse Power: 0.5 HP
- Vibration: 2.5 m/s²
- Adjust Side Exhaust
- Two Gear Mechanism
- Applicable Angle Repl Head:
 SA6639-R/ SA6640-R/
 SA6641-R/ SA6643-R/
 SA6644-R/ SA6645-R/
 SA6641-LR/ SA6645-LR

★★



Model No.	Horse Power		Free Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Air Cons.		Hose Size		Sound Level	Vibration
	馬力		無負載轉速	重量		長度		進氣口	空氣壓力		耗氣量		氣管		噪音值	震動值
	HP	W	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	CFM	L/min	Inch	mm	dBA	m/s ²
SA6639A	0.45	336	2,500	1.43	0.65	9.25	235	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6639B	0.45	336	3,300	1.43	0.65	9.25	235	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6639C	0.45	336	4,500	1.43	0.65	9.25	235	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6643A	0.45	336	2,500	1.43	0.65	9.25	235	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6643B	0.45	336	3,300	1.43	0.65	9.25	235	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6643C	0.45	336	4,500	1.43	0.65	9.25	235	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6640A	0.45	336	2,500	1.45	0.66	9.92	252	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6640B	0.45	336	3,300	1.45	0.66	9.92	252	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6640C	0.45	336	4,500	1.45	0.66	9.92	252	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6644A	0.45	336	2,500	1.45	0.66	9.92	252	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6644B	0.45	336	3,300	1.45	0.66	9.92	252	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6644C	0.45	336	4,500	1.45	0.66	9.92	252	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6641A	0.45	336	2,200	1.52	0.69	10.12	257	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6641B	0.45	336	2,900	1.52	0.69	10.12	257	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6641C	0.45	336	4,000	1.52	0.69	10.12	257	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6645A	0.45	336	2,200	1.52	0.69	10.12	257	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6645B	0.45	336	2,900	1.52	0.69	10.12	257	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6645C	0.45	336	4,000	1.52	0.69	10.12	257	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6642A	0.45	336	2,500	1.70	0.77	12.40	315	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6642B	0.45	336	3,300	1.70	0.77	12.40	315	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6642C	0.45	336	4,500	1.70	0.77	12.40	315	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6649B-HS	0.50	373	3,600	1.54	0.70	6.69	170	1/4"	90	6.2	3.5	99	3/8	10	82	2.5

Drill Tool Attachments

鑽孔配件 - 航太工具

Thread Type: 1/4"-28

SA6639-R

90° Repl Head

- For SA6639A/ SA6639B/ SA6639C/ SA6649B-HS



SA6640-R

30° Repl Head

- For SA6640A/ SA6640B/ SA6640C/ SA6649B-HS



SA6642-RL

L-Type Repl Head

- For SA6642A/ SA6642B/ SA6642C



SA6641-R

360° Repl Head

- For SA6641A/ SA6641B/ SA6641C/ SA6649B-HS



SA6641-LR

360° Repl Head

- For SA6641A/ SA6641B/ SA6641C/ SA6649B-HS



Collect Type: 9/32"-40 UNF

SA6643-R

90° Repl Head

- Collect Size: 2.0 - 5.9 mm
- For SA6643A/ SA6643B/ SA6643C/ SA6649B-HS



SA6644-R

30° Repl Head

- Collect Size: 2.0 - 5.9 mm
- For SA6644A/ SA6644B/ SA6644C/ SA6649B-HS



SA6645-R

360° Repl Head

- Collect Size: 2.0 - 5.9 mm
- For SA6645A/ SA6645B/ SA6645C/ SA6649B-HS



SA6645-LR

360° Repl Head

- Collect Size: 2.0 - 5.9 mm
- For SA6645A/ SA6645B/ SA6645C/ SA6649B-HS



Optional Accessories

M635 CHUCK

Adjustable Collect

- Collet Size: 1.5 ~ 5 mm
- Spindle: 1/4"- 28



TC-Series

Drill Chucks

- Spindle: 1/4"- 28



Model No.	Chuck Capacity
	夾頭能力 Inch/ mm
TC-10	#10 (0.1935"x4.91mm)
TC-11	#11 (0.1910"x4.85mm)
TC-13	#13 (0.1850"x4.70mm)
TC-20	#20 (0.1610"x4.09mm)
TC-21	#21 (0.1590"x4.03mm)
TC-27	#27 (0.1440"x3.66mm)
TC-30	#30 (0.1285"x3.26mm)
TC-40	#40 (0.0980"x2.49mm)

Model No.	Chuck Capacity
	夾頭能力 Inch/ mm
TC-1/4	1/4"
TC-1/8	1/8"
TC-3/16	3/16"
TC-3/32	3/32"
TC-5/32	5/32"
TC-7/32	7/32"

Model No.	Chuck Capacity
	夾頭能力 Inch/ mm
TC-2.6	2.6mm
TC-2.7	2.7mm
TC-2.8	2.8mm
TC-3.1	3.1mm
TC-3.2	3.2mm
TC-3.6	3.6mm
TC-4.1	4.1mm
TC-4.2	4.2mm
TC-5.1	5.1mm
TC-5.2	5.2mm
TC-6.2	6.2mm
TC-6.6	6.6mm

Air Angle Drills (Aircraft Tools)

彎頭角鑽 - 航太工具 (0.3HP & 0.6HP)

SA6132 90° (0.3HP)
SA61168 90° (0.6HP)

Air Angle Drill

- Free Speed: 3,200 RPM
- Horse Power: 0.3/ 0.6 HP



Threaded Type



SA6132E 90° (0.3HP)
SA61168L 90° (0.6HP)

3" Extended Air Angle Drill

- Free Speed: 3,200 RPM
- Horse Power: 0.3/ 0.6 HP



Threaded Type



SA6131 45° (0.3HP)
SA61167 45° (0.6HP)

Air Angle Drill

- Free Speed: 3,200 RPM
- Horse Power: 0.3/ 0.6 HP



Threaded Type



SA6131L 45° (0.3HP)
SA61167L 45° (0.6HP)

3" Extended Air Angle Drill

- Free Speed: 3,200 RPM
- Horse Power: 0.3/ 0.6 HP



Threaded Type



SA61178 360° (0.3HP)
SA61177 360° (0.6HP)

Air Angle Drill

- Free Speed: 3,200 RPM
- Horse Power: 0.3/ 0.6 HP



Threaded Type



Optional Accessories

M650 CHUCK

Adjustable Adaptor
for 360° Air Angle Drill

- Spindle: 1/4"-28
- For SA61178, SA61177



Model No.	Spindle Thread	Horse Power		Free Speed	Air Inlet	Net Weight		Overall Length		Air Cons.	
	主軸螺紋	馬力		無負載轉速	進氣口	重量		長度		耗氣量	
	UNF	HP	W	R.P.M	NPT(PT)	lb	kg	Inch	mm	CFM	L/min
SA6132	1/4"-28	0.3	224	3,200	1/4"	1.68	0.76	10.63	270	7	198
SA61168		0.6	447			1.94	0.88				
SA6132E	1/4"-28	0.3	224	3,200	1/4"	1.89	0.86	13.39	340	7	198
SA61168L		0.6	447			2.16	0.98				
SA6131	1/4"-28	0.3	224	3,200	1/4"	1.70	0.77	11.02	280	3	85
SA61167		0.6	447			1.96	0.89				
SA6131L	1/4"-28	0.3	224	3,200	1/4"	1.92	0.87	14.17	360	3	85
SA61167L		0.6	447			2.18	0.99				
SA61178	1/4"-28	0.3	224	3,200	1/4"	1.92	0.87	10.63	270	7	198
SA61177		0.6	447			2.18	0.99				

Air Angle Drills & Accessories (Aircraft Tools)

彎頭角鑽 & 配件 - 航太工具 (0.3HP & 0.6HP)

Features:

- Free Speed: 3,200 RPM
- Horse Power: 0.3/ 0.6 HP

Collect Type



SA6605 45° (0.3HP)
SA6611 45° (0.6HP)

Air Angle Drill
w/o Collet



Aircraft



SA6605L 45° (0.3HP)
SA6611L 45° (0.6HP)

3" Extended Air Angle Drill
w/o Collet



Aircraft



SA6606 90° (0.3HP)
SA6612 90° (0.6HP)

Air Angle Drill
w/o Collet



Aircraft



SA6606L 90° (0.3HP)
SA6612L 90° (0.6HP)

3" Extended Air Angle Drill
w/o Collet



Aircraft



SA6625 360° (0.3HP)
SA61169 360° (0.6HP)

Air Angle Drill
w/o Collet, w/ Hex Wrench



Aircraft



Model No.	Spindle Thread	Horse Power		Free Speed	Air Inlet	Net Weight		Overall Length		Air Cons.	
	主軸螺紋	馬力		無負載轉速	進氣口	重量		長度		耗氣量	
	UNF	HP	W	R.P.M	NPT(PT)	lb	kg	Inch	mm	CFM	L/min
SA6605	9/32"-40	0.3	224	3,200	1/4"	1.70	0.77	10.24	260	3.0	85
SA6611		0.6	447			1.96	0.89				
SA6605L	9/32"-40	0.3	224	3,200	1/4"	1.92	0.87	14.17	360	3.0	85
SA6611L		0.6	447			2.18	0.99				
SA6606	9/32"-40	0.3	224	3,200	1/4"	1.69	0.77	10.63	270	7.0	198
SA6612		0.6	447			1.95	0.89				
SA6606L	9/32"-40	0.3	224	3,200	1/4"	1.90	0.86	13.39	340	7.0	198
SA6612L		0.6	447			2.16	0.98				
SA6625	9/32"-40	0.3	224	3,200	1/4"	1.93	0.87	10.63	270	7.0	198
SA61169		0.6	447			2.19	0.99				

Optional Accessories

Collet Series

Collet for Air Angle Drill

Item No.	Collet Size mm
AC-10M	1.0
AC-15M	1.5
AC-20M	2.0
AC-21M	2.1
AC-22M	2.2
AC-24M	2.4
AC-25M	2.5
AC-27M	2.7
AC-30M	3.0
AC-31M	3.1
AC-32M	3.2
AC-33M	3.3
AC-36M	3.6
AC-37M	3.7
AC-38M	3.8



• For SA6605(L), SA6611(L), SA6606(L), SA6612(L), SA6625, SA61169
SA6613(L), SA6615(L), SA6614(L), SA6616(L)

Item No.	Collet Size mm
AC-40M	4.0
AC-41M	4.1
AC-42M	4.2
AC-43M	4.3
AC-44M	4.4
AC-45M	4.5
AC-46M	4.6
AC-47M	4.7
AC-48M	4.8
AC-49M	4.9
AC-50M	5.0
AC-51M	5.1
AC-52M	5.2
AC-53M	5.3
AC-54M	5.4

Item No.	Collet Size mm
AC-55M	5.5
AC-58M	5.8
AC-59M	5.9

Item No.	Collet Size Inch
AC-332	3/32"
AC-18	1/8"
AC-532	5/32"
AC-316	3/16"

M93240 CHUCK

Adjustable Adaptor
for 360° Air Angle Drill

- Spindle: 9/32"-40
- For SA6625, SA61169





Optional Accessories

Thread Type

- Spindle Thread: 1/4"-28

SA6131-R

45° Repl Head Of
SA6131 & SA61167



SA6131L-R

45° Repl
Extended Head Of
SA6131L & SA61167L



SA6132-R

90° Repl Head Of
SA6132 & SA61168



SA6132E-R

90° Repl
Extended Head Of
SA6132E & SA61168L



SA61178-R

360° Repl Head Of
SA61178 & SA61177



Collect Type

- Apply to 1.5~5.9mm & 3/32"~3/16"
- Spindle Thread: 9/32"-40

SA6605-R

45° Repl Head Of
SA6605 & SA6611



SA6605L-R

45° Repl
Extended Head Of
SA6605L & SA6611L



SA6606-R

90° Repl Head Of
SA6606 & SA6612



SA6606L-R

90° Repl
Extended Head Of
SA6606L & SA6612L



SA6625-R

360° Repl Head Of
SA6625 & SA61169



Air Angle Drills & Accessories (Aircraft Tools)

彎頭角鑽 & 配件 - 航太工具 (0.3HP & 0.5HP)

Features:

- Free Speed: 4,000/ 3,600 RPM
- Horse Power: 0.3/ 0.5 HP
- Adjust Side Exhaust

Collet Type



SA6613 90° (0.3HP) ★ ★ ★
SA6615 90° (0.5HP) ★ ★ ★
 Air Angle Drill
 w/ 1 PC Collet

SA6613L 90° (0.3HP) ★ ★ ★
SA6615L 90° (0.5HP) ★ ★ ★
 3" Extended Air Angle Drill
 w/ 1 PC Collet



SA6614 45° (0.3HP) ★ ★ ★
SA6616 45° (0.5HP) ★ ★ ★
 Air Angle Drill
 w/ 1 PC Collet



SA6614L 45° (0.3HP) ★ ★ ★
SA6616L 45° (0.5HP) ★ ★ ★
 3" Extended Air Angle Drill
 w/ 1 PC Collet



Model No.	Spindle Thread	Horse Power		Free Speed	Air Inlet	Net Weight		Overall Length		Air Cons.		Sound Level	Vibration
	主軸螺紋	馬力		無負載轉速	進氣口	重量		長度		耗氣量		噪音值	震動值
	UNF	HP	W	R.P.M	NPT(PT)	lb	kg	Inch	mm	CFM	L/min	dB(A)	m/s ²
SA6613	9/32"-40	0.3	224	4,000	1/4"	1.40	0.64	9.45	240	3.0	84	81.5	<2.5
SA6615		0.5	373	3,600		1.90	0.86	10.24	259	3.5	99	82.0	<2.5
SA6613L	9/32"-40	0.3	224	4,000	1/4"	1.65	0.75	12.13	308	3.0	84	81.5	<2.5
SA6615L		0.5	373	3,600		2.20	1.00	12.88	327	3.5	99	82.0	<2.5
SA6614	9/32"-40	0.3	224	4,000	1/4"	1.40	0.64	10.04	256	3.0	84	81.5	<2.5
SA6616		0.5	373	3,600		1.90	0.86	10.83	274	3.5	99	82.0	<2.5
SA6614L	9/32"-40	0.3	224	4,000	1/4"	1.65	0.75	13.07	333	3.0	84	81.5	<2.5
SA6616L		0.5	373	3,600		2.20	1.00	13.82	351	3.5	99	82.0	<2.5

Optional Accessories

Collet Series

Collet for Air Angle Drill



- For SA6605(L), SA6611(L), SA6606(L), SA6612(L), SA6625, SA61169
 SA6613(L), SA6615(L), SA6614(L), SA6616(L)

Item No.	Collet Size mm
AC-10M	1.0
AC-15M	1.5
AC-20M	2.0
AC-21M	2.1
AC-22M	2.2
AC-24M	2.4
AC-25M	2.5
AC-27M	2.7
AC-30M	3.0
AC-31M	3.1
AC-32M	3.2
AC-33M	3.3
AC-36M	3.6
AC-37M	3.7
AC-38M	3.8

Item No.	Collet Size mm
AC-40M	4.0
AC-41M	4.1
AC-42M	4.2
AC-43M	4.3
AC-44M	4.4
AC-45M	4.5
AC-46M	4.6
AC-47M	4.7
AC-48M	4.8
AC-49M	4.9
AC-50M	5.0
AC-51M	5.1
AC-52M	5.2
AC-53M	5.3
AC-54M	5.4

Item No.	Collet Size mm
AC-55M	5.5
AC-58M	5.8
AC-59M	5.9

Item No.	Collet Size Inch
AC-332	3/32"
AC-18	1/8"
AC-532	5/32"
AC-316	3/16"

Air Angle Drills (Aircraft Tools)

彎頭角鑽-航太工具 (0.3HP & 0.5HP)



SA6601 90° (0.3HP)
SA6603 90° (0.5HP)



Air Angle Drill

- Free Speed: 4,000/ 3,600 RPM
- Horse Power: 0.3/ 0.5 HP
- Adjust Side Exhaust



Threaded Type



SA6601L 90° (0.3HP)
SA6603L 90° (0.5HP)



3" Extended Air Angle Drill

- Free Speed: 4,000/ 3,600 RPM
- Horse Power: 0.3/ 0.5 HP
- Adjust Side Exhaust



Threaded Type



SA6602 45° (0.3HP)
SA6604 45° (0.5HP)



Air Angle Drill

- Free Speed: 4,000/ 3,600 RPM
- Horse Power: 0.3/ 0.5 HP
- Adjust Side Exhaust



Threaded Type



SA6602L 45° (0.3HP)
SA6604L 45° (0.5HP)



3" Extended Air Angle Drill

- Free Speed: 4,000/ 3,600 RPM
- Horse Power: 0.3/ 0.5 HP
- Adjust Side Exhaust



Threaded Type



Model No.	Spindle Thread	Horse Power		Free Speed	Air Inlet	Net Weight		Overall Length		Air Cons.		Sound Level	Vibration
	主軸螺紋	馬力		無負載轉速	進氣口	重量		長度		耗氣量		噪音值	震動值
	UNF	HP	W	R.P.M	NPT(PT)	lb	kg	Inch	mm	CFM	L/min	dB(A)	m/s ²
SA6601	1/4"-28	0.3	224	4,000	1/4"	1.40	0.64	9.45	240	3.0	84	81.5	<2.5
SA6603		0.5	373	3,600		1.90	0.86	10.24	259	3.5	99	82.0	<2.5
SA6601L	1/4"-28	0.3	224	4,000	1/4"	1.65	0.75	12.13	308	3.0	84	81.5	<2.5
SA6603L		0.5	373	3,600		2.20	1.00	12.88	327	3.5	99	82.0	<2.5
SA6602	1/4"-28	0.3	224	4,000	1/4"	1.40	0.64	10.04	256	3.0	84	81.5	<2.5
SA6604		0.5	373	3,600		1.90	0.86	10.83	274	3.5	99	82.0	<2.5
SA6602L	1/4"-28	0.3	224	4,000	1/4"	1.65	0.75	13.07	333	3.0	84	81.5	<2.5
SA6604L		0.5	373	3,600		2.20	1.00	13.82	351	3.5	99	82.0	<2.5

Air Angle Drills (Aircraft Tools)

彎頭角鑽-航太工具(0.4HP)



SA6133

90° Air Angle Drill



- Free Speed: 3,200 RPM
- Horse Power: 0.4HP (298W)
- 2PC Planet Gear



Optional:
Safety Lever



SA6133L

90° Extended Air Angle Drill



- Free Speed: 3,200 RPM
- Horse Power: 0.4HP (298W)
- 2PC Planet Gear



Optional:
Safety Lever



SA6162

45° High Performance Angle Drill



- Free Speed: 3,200 RPM
- Horse Power: 0.4HP (298W)
- 2PC Planet Gear



Optional:
Safety Lever



SA6168

90° High Performance Double Angle Drill



- Free Speed: 3,200 RPM
- Horse Power: 0.4HP (298W)
- 2PC Planet Gear



Optional:
Safety Lever



Model No.	Spindle Thread	Horse Power		Free Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Air Cons.		Hose Size	
	主軸螺紋	馬力		無負載轉速	重量		長度		進氣口	空氣壓力		耗氣量		氣管	
	UNF	HP	W	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	CFM	L/min	Inch	mm
SA6133	1/4"-28	0.4	298	3,200	1.76	0.80	10.0	254	1/4"	90	6.2	4	113	3/8	10
SA6133L	1/4"-28	0.4	298	3,200	2.10	0.97	13.2	335	1/4"	90	6.2	4	113	3/8	10
SA6162	1/4"-28	0.4	298	3,200	1.76	0.80	10.0	254	1/4"	90	6.2	4	113	3/8	10
SA6168	1/4"-28	0.4	298	3,200	2.00	0.90	10.6	270	1/4"	90	6.2	4	113	3/8	10

Air Angle Drills & Accessories (Aircraft Tools)

彎頭角鑽 & 配件 - 航太工具(0.3HP)



SA6132A

90° Air Angle Drill

- Free Speed: 2,800 RPM
- Horse Power: 0.3HP (224W)
- 2PC Planet Gear



SA6131A

45° Air Angle Drill

- Free Speed: 2,800 RPM
- Horse Power: 0.3HP (224W)
- 2PC Planet Gear



SA6132C

360° Air Angle Drill

- Free Speed: 2,800 RPM
- Horse Power: 0.3HP (224W)
- 2PC Planet Gear



Optional Accessories

SA6133-R

90° Repl Head

- For SA6133, SA6132A, SA6632A, SA6633A, SA6634A



SA6133L-R

90° Repl Extended Head

- For SA6133L



SA6162-R

45° Repl Head

- For SA6162, SA6131A, SA6632B, SA6633B, SA6634B



SA6168-R

360° Repl Head

- For SA6168, SA6132C, SA6632C, SA6633C, SA6634C



Model No.	Spindle Thread	Horse Power		Free Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Air Cons.		Hose Size	
	主軸螺紋	馬力		無負載轉速	重量		長度		進氣口	空氣壓力		耗氣量		氣管	
	UNF	HP	W	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	CFM	L/min	Inch	mm
SA6132A	1/4"-28	0.3	224	2,800	6.17	2.80	10.2	260	1/4"	90	6.2	4	113	3/8	10
SA6131A	1/4"-28	0.3	224	2,800	6.17	2.80	10.8	275	1/4"	90	6.2	4	113	3/8	10
SA6132C	1/4"-28	0.3	224	2,800	6.39	2.90	10.55	268	1/4"	90	6.2	4	113	3/8	10

Straight & Pistol Type Air Angle Drills (Aircraft Tools)

直型 & 槍型彎頭角鑽-航太工具 (0.5 HP)

Features:

- Rear Exhaust
- Free Speed: 3,200 RPM (SA6635D/ SA6635PD)
- Horse Power: 0.5 HP • Thread Type: 1/4"-28

Optional Accessories:

- SA6635A/ SA6635PA for Free Speed 500 RPM Drill
- SA6635B/ SA6635PB for Free Speed 1,000 RPM Drill
- SA6635C/ SA6635PC for Free Speed 2,400 RPM Drill
- SA6635E/ SA6635PE for Free Speed 3,800 RPM Drill
- SA6635F/ SA6635PF for Free Speed 5,200 RPM Drill

- SA6635D-030AG/ SA6635PD-030AG w/ 30° Drill Attachment
- SA6635D-045AG/ SA6635PD-045AG w/ 45° Drill Attachment
- SA6635D-045LAG/ SA6635PD-045LAG w/ 45° Extended Drill Attachment
- SA6635D-090AG/ SA6635PD-090AG w/ 90° Drill Attachment
- SA6635D-090LAG/ SA6635PD-090LAG w/ 90° Extended Drill Attachment
- SA6635D-360AG/ SA6635PD-360AG w/ 360° Drill Attachment
- SA6635D-360LAG/ SA6635PD-360LAG w/ 360° Extended Drill Attachment
- SA6635D-095SG/ SA6635PD-095SG w/ 95mm L-Type Drill Attachment
- SA6635D-095LSG/ SA6635PD-095LSG w/ 95mm Extended L-Type Drill Attachment
- SA6635D-129SG/ SA6635PD-129SG w/ 129mm L-Type Drill Attachment
- SA6635D-129LSG/ SA6635PD-129LSG w/ 129mm Extended L-Type Drill Attachment

SA6635D-90HAG 0.5 HP

SA6635D-90LHAG 0.5 HP

Straight Type Air Drill

★ ★ ★



SA6635D-051SG 0.5 HP

SA6635D-051LSG 0.5 HP

Straight Type Air Drill

★ ★ ★



- Free Speed: 3,200 RPM
- **SA6635D-90HAG:** w/ 90° Heavy Duty Drill Attachment
- **SA6635D-90LHAG:** w/ 90° Heavy Duty Extended Drill Attachment



- Free Speed: 3,200 RPM
- **SA6635D-051SG:** w/ 51mm L-Type Drill Attachment
- **SA6635D-051LSG:** w/ 51mm Extended L-Type Drill Attachment



SA6635PD-90HAG 0.5 HP

SA6635PD-90LHAG 0.5 HP

Pistol Type Air Drill

★ ★ ★



SA6635PD-051SG 0.5 HP

SA6635PD-051LSG 0.5 HP

Pistol Type Air Drill

★ ★ ★



- Free Speed: 3,200 RPM
- **SA6635PD-90HAG:** w/ 90° Heavy Duty Drill Attachment
- **SA6635PD-90LHAG:** w/ 90° Heavy Duty Extended Drill Attachment



- Free Speed: 3,200 RPM
- **SA6635PD-051SG:** w/ 61mm L-Type Drill Attachment
- **SA6635PD-051LSG:** w/ 61mm Extended L-Type Drill Attachment



Model No.	Horse Power		Free Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Air Cons.		Hose Size		Sound Level
	馬力		無負載轉速	重量		長度		進氣口	空氣壓力		耗氣量		氣管		噪音值
	HP	W	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	CFM	L/min	Inch	mm	dBA
SA6635A	0.5	373	500	1.43	0.65	7.09	180	1/4"	90	6.2	10	283	3/8	10	92
SA6635B	0.5	373	1,000	1.43	0.65	7.09	180	1/4"	90	6.2	10	283	3/8	10	92
SA6635C	0.5	373	2,400	1.10	0.50	6.10	155	1/4"	90	6.2	10	283	3/8	10	92
SA6635D	0.5	373	3,200	1.10	0.50	6.10	155	1/4"	90	6.2	10	283	3/8	10	92
SA6635E	0.5	373	3,800	1.10	0.50	6.10	155	1/4"	90	6.2	10	283	3/8	10	92
SA6635F	0.5	373	5,200	1.10	0.50	6.10	155	1/4"	90	6.2	10	283	3/8	10	92
SA6635PA	0.5	373	500	1.70	0.77	6.89	175	1/4"	90	6.2	10	283	3/8	10	84
SA6635PB	0.5	373	1,000	1.70	0.77	6.89	175	1/4"	90	6.2	10	283	3/8	10	84
SA6635PC	0.5	373	2,400	1.32	0.60	5.71	145	1/4"	90	6.2	10	283	3/8	10	84
SA6635PD	0.5	373	3,200	1.32	0.60	5.71	145	1/4"	90	6.2	10	283	3/8	10	84
SA6635PE	0.5	373	3,800	1.32	0.60	5.71	145	1/4"	90	6.2	10	283	3/8	10	84
SA6635PF	0.5	373	5,200	1.34	0.61	5.71	145	1/4"	90	6.2	10	283	3/8	10	84

Drill Tool Attachments

鑽孔配件 - 航太工具(0.5HP)



Optional Accessories

Application: Unit mm

• Straight Type For SA6635D(A)(B)(C)(E)(F)

• Pistol Type For SA6635PD(PA)(PB)(PC)(PE)(PF)

SA-030AG Spindle: 1/4"-28
SA-030BG Spindle: 9/32"-40
30° Drill Attachment



SA-045AG Spindle: 1/4"-28
SA-045BG Spindle: 9/32"-40
45° Drill Attachment



SA-045LAG Spindle: 1/4"-28
SA-045LBG Spindle: 9/32"-40
45° Extended Drill Attachment



SA-090AG Spindle: 1/4"-28
SA-090BG Spindle: 9/32"-40
90° Drill Attachment



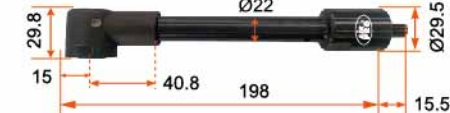
SA-090LAG Spindle: 1/4"-28
SA-090LBG Spindle: 9/32"-40
90° Extended Drill Attachment



SA-90HAG Spindle: 1/4"-28
SA-90HBG Spindle: 9/32"-40
90° Heavy Duty Drill Attachment



SA-90LHAG Spindle: 1/4"-28
SA-90LHBG Spindle: 9/32"-40
90° Extended Heavy Duty Drill Attachment



SA-360AG Spindle: 1/4"-28
SA-360BG Spindle: 9/32"-40
360° Drill Attachment



SA-360LAG Spindle: 1/4"-28
SA-360LBG Spindle: 9/32"-40
360° Extended Drill Attachment



SA-051SG 51mm Spindle: 1/4"-28
SA-095SG 95mm Spindle: 1/4"-28
SA-129SG 129mm Spindle: 1/4"-28
L-Type Drill Attachment



SA-051LSG 51mm Spindle: 1/4"-28
SA-095LSG 95mm Spindle: 1/4"-28
SA-129LSG 129mm Spindle: 1/4"-28
L-Type Extended Drill Attachment



SA-13029 82mm
L-Type Drill Attachment



SA-13529 150mm
L-Type Drill Attachment



Pistol Type Air Drills (Aircraft Tools)

槍型氣鑽 - 航太工具



SA6100C 1/4" Reversible Air Drill

- Free Speed: 2,700 RPM
- Horse Power: 0.3 HP (224W)
- Keyless Chuck for SA6100CKL
- 2PC Planet Gear



SA6197 1/2" w/ Key Chuck SA6197KL 1/2" w/ Keyless Chuck Air Reversible Drill

- Free Speed: 800 RPM
- Horse Power: 0.45HP (335W)
- 2 Steps Trigger
- Caster Cylinder



SA6100G 1/4" Air Drill SA6100H 1/4" Reversible Drill Mini Air Composite Drill

- Free Speed: 2,600 RPM
- Horse Power: 0.25HP (186W)
- 2 Steps Trigger
- Plastic Housing & Light Weight
- Plastic Housing Prevent Freeze
- Low Noise
- Gear Include Needle Roller



SA6100I 3/8" w/ Key Chuck SA6100IKL 3/8" w/ Keyless Chuck Mini Air Composite Reversible Drill

- Free Speed: 2,600 RPM
- Horse Power: 0.25HP (186W)
- 2 Steps Trigger
- Plastic Housing & Light Weight
- Plastic Housing Prevent Freeze
- Low Noise
- Gear Include Needle Roller



SA67021D 600 RPM SA67021A 1,100 RPM SA67021B 3,000 RPM SA67021C 4,200 RPM SA67021E 6,000 RPM 3/8" Mini Air Industrial Drill w/ Yukiwa Chuck

- Round Out: 0.08 mm
- Horse Power: 0.4HP (298W)
- Sound Pressure: 76-77 dBA
- Spindle: 3/8"-24
- For Stainless Steel, Alum. & Wood

SA67021D-NC 600 RPM SA67021A-NC 1,100 RPM SA67021B-NC 3,000 RPM SA67021C-NC 4,200 RPM SA67021E-NC 6,000 RPM 3/8" Mini Air Industrial Drill w/o Chuck



SA67022F 600 RPM SA67022A 1,100 RPM SA67022B 3,000 RPM SA67022C 4,200 RPM SA67022D 6,000 RPM SA67022E 23,000 RPM 1/4" Mini Air Industrial Drill w/ Yukiwa Chuck

- Round Out: 0.08 mm
- Horse Power: 0.4HP (298W)
- Sound Pressure: 76-79 dBA
- Spindle: 3/8"-24
- For Stainless Steel, Alum. & Wood

SA67022F-NC 600 RPM SA67022A-NC 1,100 RPM SA67022B-NC 3,000 RPM SA67022C-NC 4,200 RPM SA67022D-NC 6,000 RPM SA67022E-NC 23,000 RPM 1/4" Mini Air Industrial Drill w/o Chuck



Model No.	Chuck Size		Horse Power		Free Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Air Cons.		Hose Size		Sound Level
	夾頭尺寸		馬力		無負載轉速	重量		長度		進氣口	空氣壓力		耗氣量		氣管		噪音值
	Inch	mm	HP	W	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	CFM	L/min	Inch	mm	dBA
SA6100C	1/4	6	0.3	224	2,700	1.54	0.70	5.91	150	1/4"	90	6.2	4.0	113	3/8	10	76
SA6197(KL)	1/2	13	0.45	335	800	3.17	1.44	8.27	210	1/4"	90	6.2	4.0	113	3/8	10	76
SA6100G	1/4	6	0.25	186	2,600	1.19	0.54	6.10	155	1/4"	90	6.2	3.2	91	3/8	10	76
SA6100H																	76
SA6100I(KL)	3/8	10	0.25	186	2,600	1.21	0.55	6.10	155	1/4"	90	6.2	3.2	91	3/8	10	76
SA67021D(-NC)	3/8	10	0.4	224	600	1.69	0.766	7.24	184	1/4"	90	6.2	3.7	104.7	3/8	10	77
SA67021A(-NC)					1,100	1.69	0.766	7.24	184								77
SA67021B(-NC)					3,000	1.55	0.705	6.77	172								76
SA67021C(-NC)					4,200	1.56	0.709	6.77	172								76
SA67021E(-NC)					6,000	1.55	0.705	6.77	172								76
SA67022F(-NC)	1/4	6	0.4	224	600	1.69	0.766	7.24	184	1/4"	90	6.2	3.7	104.7	3/8	10	77
SA67022A(-NC)					1,100	1.69	0.766	7.24	184								77
SA67022B(-NC)					3,000	1.55	0.705	6.77	172								76
SA67022C(-NC)					4,200	1.56	0.709	6.77	172								76
SA67022D(-NC)					6,000	1.55	0.705	6.77	172								76
SA67022E(-NC)					23,000	1.40	0.635	6.18	157								79

Pistol Type Air Drills (Aircraft Tools)

槍型氣鑽 - 航太工具



SA61096 3/8" (6,000 RPM)

SA61018 3/8" (5,200 RPM)

SA61094 3/8" (3,200 RPM)

**Non-Reversible Air Drill
w/ Comfort Grip**

- Horse Power 1HP (745W)
- Spindle Thread 3/8"-24
- w/ 3/8" Geared Drill Chuck
- Run-out Less Than 0.1mm
- 3PC Planet Gear

SA61041 1/4" (2,500 RPM)

SA61093 3/8" (1,300 RPM)

SA61095 3/8" (700 RPM)

SA61097 3/8" (500 RPM)



SA6119 1/2" w/ Key Chuck

SA6119KL 1/2" w/ Keyless Chuck

Heavy Duty Reversible Drill

- Free Speed: 500 RPM
- Horse Power: 0.8HP (596W)
- Spindle Size: 1/2"-20



SA61100-NR 1/4" (2,600 RPM)

SA61101 1/4" (4,000 RPM)

**Mini Air Drill
w/ Comfort Grip**

- Free Speed: 2,600/ 4,000 RPM
- Horse Power 0.3HP (224W)
- Spindle Thread 3/8"-24 • 2PC Planet Gear



SA61100 1/4"

**Mini Reversible Air Drill
w/ Comfort Grip**

- Free Speed: 2,000 RPM
- Horse Power 0.3HP (224W)
- Spindle Thread 3/8"-24
- 2PC Planet Gear



SA61058 1/4" (5,200 RPM)

SA61019 1/4" (3,200 RPM)

SA61057 1/4" (2,400 RPM)

SA61056 1/4" (1,000 RPM)

SA61055 1/4" (500 RPM)

Air Drill w/ Comfort Grip

- Motor Power: 0.4 HP (298 W)
- Sound Level: 83 dBA
- Handle Air Exhaust • 2PC Planet Gear



SA61179 1/4" (3,300 RPM)

SA61179B 1/4" (500 RPM)

SA61179C 1/4" (6,000 RPM)

SA61179D 1/4" (45,00 RPM)

SA61179E 1/4" (20,000 RPM)

Air Drill

- Round Out: 0.05mm
- Horse Power: 0.45 HP (336 W)
- Handle Exhaust
- Length: 160x45x140 mm
- Sound Pressure: 82.5 dBA



Model No.	Chuck Size		Horse Power		Free Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Air Cons.		Hose Size	
	夾頭尺寸		馬力		無負載轉速	重量		長度		進氣口	空氣壓力		耗氣量		氣管	
	Inch	mm	HP	W	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	CFM	L/min	Inch	mm
SA61096	3/8	10	1.0	745	6,000	2.65	1.20	7.28	185	1/4"	90	6.2	4.2	119	5/16	8
SA61018					5,200	2.24	1.02	6.69	170							
SA61094					3,200	2.65	1.20	7.28	185							
SA61041	1/4	6			2,500	1.67	0.76	7.68	195							
SA61093	3/8	10			1,300	3.09	1.40	8.46	215							
SA61095					700	2.65	1.20	7.28	185							
SA61097					500	2.25	1.02	6.69	170							
SA6119(KL)	1/2	13	0.8	596	500	4.3	1.95	9.0	229	1/4"	90	6.2	4.0	113	3/8	10
SA61100-NR	1/4	6	0.3	224	2,600	1.67	0.76	7.70	195	1/4"	90	6.2	1.7	48	5/16	8
SA61101					4,000											
SA61100	1/4	6	0.3	224	2,000	1.67	0.76	7.80	195	1/4"	90	6.2	1.7	48	5/16	8
SA61058	1/4	6	0.4	298	5,200	1.59	0.72	5.63	143	1/4"	90	6.2	2.2	63	5/16	8
SA61019					3,200	1.29	0.60	5.12	130							
SA61057					2,400	1.83	0.83	6.50	165							
SA61056					1,000	1.81	0.82	6.50	165							
SA61055					500	1.78	0.81	6.50	165							
SA61179	1/4	6	0.45	336	3,300	1.32	0.60	6.30	160	1/4"	90	6.2	2.8	79	3/8	10
SA61179B					500	1.54	0.70	6.77	172							
SA61179C					6,000	1.32	0.60	6.30	160							
SA61179D					4,500	1.32	0.60	6.30	160							
SA61179E					20,000	1.32	0.60	6.30	160							

Air Drills (Aircraft Tools)

氣鑽 - 航太工具

SA67017A 1/4" (3,600 RPM)
SA67017B 1/4" (5,000 RPM)
SA67017C 1/4" (2,500 RPM)

Air Drill

- Handle Exhaust
- Horse Power: 0.45 HP (336 W)
- Spindle Thread: 3/8"-24
- Vibration: 2.5 m/s²
- Sound Pressure: 85 dBA



SA67001A 1/4" (22,000 RPM)
SA67001B 1/4" (4,200 RPM)
SA67001C 1/4" (5,000 RPM)
SA67001D 1/4" (1,300 RPM)
SA67001E 1/4" (5,700 RPM)
SA67001F 1/4" (700 RPM)

Air Drill

- Handle Exhaust
- Horse Power: 0.65 HP (485 W)
- Spindle Thread: 3/8"-24
- Vibration: 2.5 m/s²
- Sound Pressure: 85 dBA



SA6100 1/4" (2,800 RPM)
SA6100B 1/4" (4,500 RPM)
Air Palm Drill w/ Key Chuck

- Free Speed: 2,800/ 4,500 RPM
- Horse Power: 0.5HP (373W)
- Keyless Chuck for SA6100(B)KL
- 3PC Planet Gear



SA6100F 1/4"
Palm Reversible Drill

- Free Speed: 2,200 RPM
- Horse Power: 0.3HP (224W)
- Keyless Chuck for SA6100FKL
- 3PC Planet Gear



SA6101 3/8"
Air Drill w/ Key Chuck

- Free Speed: 2,300 RPM
- Horse Power: 0.5HP (373W)
- Keyless Chuck for SA6101KL
- 2PC Planet Gear



SA6104 3/8" w/ Key Chuck
SA6104KL 3/8" w/ Keyless Chuck
Heavy Duty Reversible Drill

- Free Speed: 2,300 RPM
- Horse Power 0.7HP (522W)
- 3PC Planet Gear



SA6102 3/8" w/ Key Chuck
SA6102KL 3/8" w/ Keyless Chuck
Air Reversible Drill

- Free Speed: 1,800 RPM
- Horse Power: 0.5HP (373W)
- Available Full Cage Gear for **SA6102F**, **SA6102FKL**
- 3PC Planet Gear



SA6198 3/8" (2500RPM)
SA61166 3/8" (4000RPM)
Air Straight Drill w/ Key Chuck

- Free Speed: 2,500/ 4,000 RPM
- Horse Power: 0.45/ 0.5 HP (335/ 375W)
- Caster Cylinder



SA61171 1/4"
Industrial High Speed Air Drill

- Free Speed: 20,000 RPM
- Horse Power: 0.45 HP (335W)
- Sound Level: 84.5 dBA
- 360° Adjust Side Exhaust
- Vibration: <2.5 m/s²



Model No.	Chuck Size		Horse Power		Free Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Air Cons.		Hose Size	
	夾頭尺寸		馬力		無負載轉速	重量		長度		進氣口	空氣壓力		耗氣量		氣管	
	Inch	mm	HP	W	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	CFM	L/min	Inch	mm
SA67017A	1/4	6	0.45	336	3,600	1.34	0.61	5.59	142	1/4"	90	6.2	4.5	127	3/8	10
SA67017B					5,000											
SA67017C					2,500											
SA67001A	1/4	6.5	0.65	485	22,000	1.54	0.70	5.28	134	1/4"	90	6.2	5.2	147	5/16	8
SA67001B					4,200	1.54	0.70	5.71	145							
SA67001C					5,000	1.54	0.70	5.71	145							
SA67001D					1,300	1.98	0.90	6.81	173							
SA67001E					5,700	1.54	0.70	5.71	145							
SA67001F					700	1.98	0.90	6.81	173							
SA6100	1/4	6	0.50	373	2,800	1.54	0.70	5.91	150	1/4"	90	6.2	4.0	113	3/8	10
SA6100B					4,500											
SA6100F	1/4	6	0.30	224	2,200	1.90	0.84	6.10	155	1/4"	90	6.2	4.0	113	3/8	10
SA6101	3/8	10	0.50	373	2,300	2.07	0.94	7.48	190	1/4"	90	6.2	4.0	113	3/8	10
SA6104(KL)	3/8	10	0.70	522	2,300	2.86	1.30	7.48	190	1/4"	90	6.2	10.0	285	3/8	10
SA6102(KL)	3/8	10	0.50	373	1,800	2.43	1.10	7.99	203	1/4"	90	6.2	6.5	184	3/8	10
SA6198	3/8	10	0.45	335	2,500	2.29	1.04	8.46	215	1/4"	90	6.2	4.0	113	3/8	10
SA61166					4,000											
SA61171	1/4	6	0.45	335	20,000	1.76	0.8	6.89	175	1/4"	90	6.2	4.5	126	3/8	10

Industrial Air Drills (Aircraft Tools)

工業級氣鑽-航太工具



Industrial Keyed Chuck

- Spindle with special heat treatment
- Planet industrial strength gear train provide durability for heavy duty drilling
- Needle bearing
- Special steel cylinder

Improved Muffler Design



Reversible bar on both sides
one-hand operation

All drill offer ergonomic to provide
max comfort during operation

Comfort grip handle



Model No.	Chuck Size	Chuck Round-Out	Free Speed	Spindle	Air Cons.	Air Exhaust	Weight	Length	Motor	
	夾頭尺寸	同心度	無負載轉速	主軸	耗氣量	排氣	重量	長度	馬力	
	inch	mm	RPM	-	CFM	-	kg	mm	HP	
SA61060	3/8	0.07	2,000	3/8"-24	4	Handle	1.04	215	0.6	Reversible
SA61061	1/2		350	1/2"-20			1.4	252		
SA61173	1/2		700	1/2"-20			1.4	252		
SA61116	1/4	0.07	4,000	3/8"-24	4	Handle	1	185	0.6	Non-Reversible
SA61117	3/8		4,000	3/8"-24			1	200		
SA61065	1/2		500	1/2"-20			1.4	240		
SA61062	3/8		2,800	3/8"-24			1	200		
SA61118	1/4		6,000	3/8"-24			0.95	185		
SA61119	3/8		6,000	3/8"-24			0.95	200		
SA61120	1/2		700	1/2"-20			1.4	240		
SA61151	1/4	0.07	25,000	3/8"-24	4	Handle	0.74	140	1	Reversible
SA61063A	3/8		1,500	3/8"-24			1.1	234		
SA61121	3/8		2,800	3/8"-24			1.1	234		
SA61064	1/2		500	1/2"-20			1.6	272		
SA61122	1/2	0.07	250	1/2"-20	4	Handle	1.5	272	1	Non-Reversible
SA61123	3/8		3,500	3/8"-24			1.1	218		
SA61124	1/4		3,500	3/8"-24			1.05	204		
SA61125	3/8		2,600	3/8"-24			1.1	218		
SA61126	1/2		800	1/2"-20			1.5	258		
SA61131	1/4		21,000	3/8"-24			0.84	160		
SA61174	1/2		600	1/2"-20			1.5	258		
SA61128	1/2		3,500	1/2"-20			1.1	232		
SA61129	1/2		2,600	1/2"-20			1.1	232		

Pistol & Straight Type Hi-Lok Installiation Tools (Aircraft Tools)

槍型 & 直型組裝工具 - 航太工具

SA8318ACS 51mm Attachment

Pistol Type Install Tool
(Torque Control Tool)
w/ L-Type Attachment

- Free Speed: 400 RPM
- Working Torque: 3~7 Nm
- Noise Level: 80 dB(A)
- Vibration: 2.5 m/s²
- Driver: 9 mm (3/8") • Bit: 1.98 mm

Optional:

- Bit Size: Hex: 1.5, 2.0, 2.5, 3.0mm
(1/16", 5/64", 3/32", 1/8")
- Driver Size: Hex. Socket: 6,7,8,9,10,12,14mm
(1/4", 9/32", 5/16", 11/32", 3/8", 7/16")



SA-R070A500-132A 500 RPM

SA-R110A320-132A 320 RPM

Straight Type Install Tool (Torque Control Tool)
w/ 17° Indexable Attachment

- Bit Size(1/2") : 4.0 mm
- Driver Size(1/2") :
Hex. Socket: 10mm

Optional:

- Bit Size(1/2") : Hex: 4.0, 6.0 mm (5/32", 3/16")
- Driver Size(1/2") : Hex. Socket: 6,7,8,9,10,12,14,16 mm
(3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 5/32", 5/8")



SA-A710ABSF-132A 700 RPM

Straight Type Install Tool (Torque Control Tool)
w/ 17° Indexable Attachment

- Bit Size(1/2") : 4.0 mm
- Driver Size(1/2") :
Hex. Socket: 10mm

Optional:

- Bit Size(1/2") : Hex: 4.0, 6.0 mm (5/32", 3/16")
- Driver Size(1/2") : Hex. Socket: 6,7,8,9,10,12,14,16 mm
(3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 5/32", 5/8")



Model No.	Net Weight		Free Speed	Torque Range			Air Cons.	Repeatability		Air Pressure	Mini Air Hose ID	Noise Level
	重量		無負載轉速	扭力			耗氣量	%		氣壓	氣管	噪音值
	lb	kg	R.P.M	Kgf-cm	in-lb	Nm	L / S	P/L	A	kg/cm ²	mm	±2dBA
SA8318ACS	3.31	1.50	400	31 - 71	26 - 62	3.0 - 7.0	7	-	-	6	10	80
SA-R070A500-132A	1.98	0.90	500	11 - 70	10 - 61	1.0 - 7.0	6	± 2%	± 3%	6	5	74
SA-R110A320-132A	2.20	1.00	320	13 - 76	11 - 66	1.2 - 7.5	6	± 2%	± 3%	6	5	74
SA-A710ABSF-132A	3.75	1.70	700	50 - 180	43 - 156	5 - 18	6	± 2%	± 3%	6	5	74

Pistol & Straight Type Hi-Lok Installation Tools (Aircraft Tools)

槍型 & 直型組裝工具-航太工具

SA6638

**Straight Type Installation Tool
w/o Tool Attachment**

- Free Speed: 500 RPM
- Horse Power: 0.5 HP (373 W)
- Application Attachment (Optional):
ACC-131SG, ACC-131LG,
ACC-132AG



★★★



SA67019

**Pistol Type Installation Tool
w/o Tool Attachment**

- Free Speed: 500 RPM
- Horse Power: 0.5 HP (373 W)
- Application Attachment (Optional):
ACC-131SG, ACC-131LG,
ACC-132AG



★★★



SA6637-132AG

**Non Shut-Off Straight Type Install Tool
w/ 17° Indexable Attachment & Grip
w/o Socket & Bit**

- Free Speed: 500 RPM
- Horse Power: 1.0 HP (746 W)
- Noise Level: 84 dBA
- Net Weight (w/ Attachment): 1.58kg (3.48 lb)

★★★



Internal Spline Drive



Unit: mm

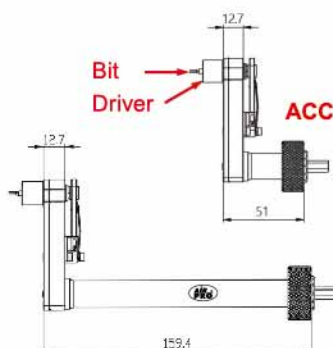
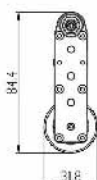
17° Indexable Attachment
(External Spline Drive Type)

SA8309AC 160mm Attachment
SA8309ACS 51mm Attachment
Modular Installation Tool

- Free Speed: 400 RPM
- Driver: 9 mm (3/8")
- Bit: 1.98 mm

Optional:

- Bit Size:
Hex.: 1.5, 2.0, 2.5, 3.0 mm
(1/16", 5/64", 3/32", 1/8")
- Driver Size:
Hex. Socket: 6, 7, 8, 9, 10, 12, 14 mm
(1/4", 9/32", 5/16", 11/32", 3/8", 7/16")



ACC-124 SA8309 Attachment



Model No.	Horse Power		Free Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Air Cons.		Hose Size		Sound Level
	馬力		無負載轉速	重量		長度		進氣口	空氣壓力		耗氣量		氣管		噪音值
	HP	W	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	CFM	L/min	Inch	mm	dBA
SA6638	0.5	373	500	1.43	0.65	7.01	178	1/4"	90	6.2	10	283	3/8	10	84
SA67019	0.5	373	500	1.65	0.75	6.81	173	1/4"	90	6.2	10	283	3/8	10	84
SA6637-132AG	1.0	746	500	2.40	1.09	8.86	225	1/4"-18	90	6.2	10	283	3/8	10	84
SA8309AC	0.7	522	400	2.56	1.16	11.45	291	1/4"	90	6.2	3.5	99	3/8	10	-
SA8309ACS						7.2	183								

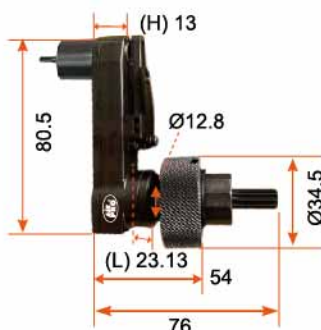
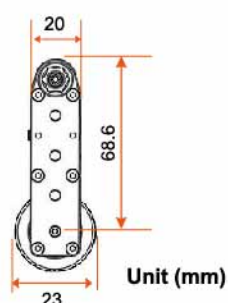
Air Install Tool Attachment (Aircraft Tools)

組裝工具配件-航太工具



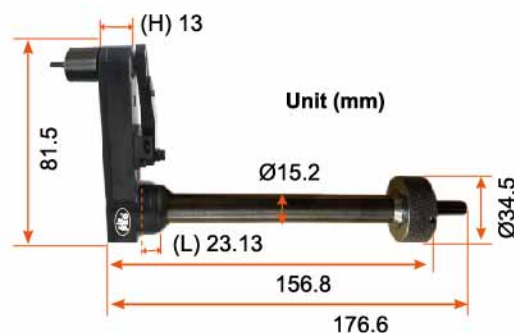
ACC-131SG 80mm

L-Type Install Tool Attachment
(External Spline Drive Type)
w/o Socket & Bit



ACC-131LG 80mm

L-Type Install Tool Attachment Extended
(External Spline Drive Type)
w/o Socket & Bit



ACC-132A 80mm

17° Indexable Attachment
(External Hexagon Type)
w/o Socket & Bit

- For SA-A72500ABSF-132A/
SA-R070A500-132A/
SA-R110A320-132A/
SA-A710ABSF-N132A/
SA-A730ABSF-132A
- Max. Torque: 80 Kgf-cm



ACC-132AG 80mm

17° Indexable Attachment
(External Spline Drive Type)
w/o Socket & Bit



ACC-132AGT1 Spindle: 1/4"-28

ACC-132AGT2 Spindle: 9/32"-40

17° Drill Attachment
(External Spline Drive Type)
w/o Drill Bits & Collect



Optional Socket

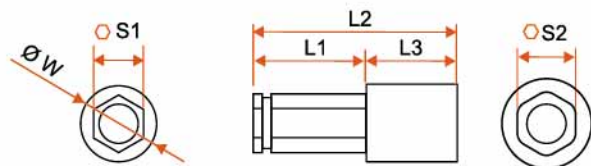
- (1/2"): 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 5/32"
- (1"): 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 5/32"
- (50mm): 6, 7, 8, 9 mm
- (12.7mm): 5, 6, 7, 8, 9, 10, 12, 14 mm
- (25.4mm): 5 mm

Optional Hex. Tip (Bit)

- (1/2" DR): 1/16", 5/64", 3/32", 1/8", 5/32"
- (1" DR): 1/16", 5/64", 3/32", 1/8"
- (50mm DR): 1.5, 2.0 mm
- (12.7mm DR): 1.0, 1.5, 2.0, 2.5, 3.0, 4.0 mm
- (25.4mm DR): 1.0, 1.5, 2.0, 2.5, 3.0, 4.0 mm

Selection Table For L-Type Install Tool Attachments (Aircraft Tools)

工具配件選用表 - 航太工具



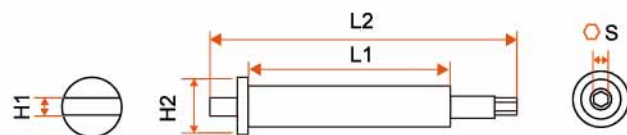
Socket (Driver)

SAE Size

Model No.	Size (mm)					
	W	(Hex.) S1	L1	L2	L3 (Inch)	(Hex.) S2
ACC-132-PD31612	Φ10.7	7	15.6	28.3	1/2"	3/16"
ACC-132-PD73212	Φ10.7	7	15.6	28.3	1/2"	7/32"
ACC-132-PD1412	Φ10.7	7	15.6	28.3	1/2"	1/4"
ACC-132-PD93212	Φ10.7	7	15.6	28.3	1/2"	9/32"
ACC-132-PD51612	Φ10.7	7	15.6	28.3	1/2"	5/16"
ACC-132-PD113212	Φ12.7	7	15.6	28.3	1/2"	11/32"
ACC-132-PD3812	Φ13.6	7	15.6	28.3	1/2"	3/8"
ACC-132-PD71612	Φ14.6	7	15.6	28.3	1/2"	7/16"
ACC-132-PD53212	Φ16.5	7	15.6	28.3	1/2"	5/32"
ACC-132-PD3161	Φ10.7	7	15.6	41.0	1"	3/16"
ACC-132-PD7321	Φ10.7	7	15.6	41.0	1"	7/32"
ACC-132-PD141	Φ10.7	7	15.6	41.0	1"	1/4"
ACC-132-PD9321	Φ10.7	7	15.6	41.0	1"	9/32"
ACC-132-PD5161	Φ10.7	7	15.6	41.0	1"	5/16"
ACC-132-PD11321	Φ12.7	7	15.6	41.0	1"	11/32"
ACC-132-PD381	Φ13.6	7	15.6	41.0	1"	3/8"
ACC-132-PD7161	Φ14.6	7	15.6	41.0	1"	7/16"
ACC-132-PD5321	Φ16.5	7	15.6	41.0	1"	5/32"

Metric Size

Model No.	Size (mm)					
	W	(Hex.) S1	L1	L2	L3 (mm)	(Hex.) S2
ACC-132-PD650M	Φ10.7	7	15.6	65.6	50	6
ACC-132-PD750M	Φ10.7	7	15.6	65.6	50	7
ACC-132-PD850M	Φ10.7	7	15.6	65.6	50	8
ACC-132-PD950M	Φ12.7	7	15.6	65.6	50	9
ACC-132-PD5127M	Φ10.7	7	15.6	28.3	12.7	5
ACC-132-PD6127M	Φ10.7	7	15.6	28.3	12.7	6
ACC-132-PD7127M	Φ10.7	7	15.6	28.3	12.7	7
ACC-132-PD8127M	Φ10.7	7	15.6	28.3	12.7	8
ACC-132-PD9127M	Φ12.7	7	15.6	28.3	12.7	9
ACC-132-PD10127M	Φ13.6	7	15.6	28.3	12.7	10
ACC-132-PD12127M	Φ14.6	7	15.6	28.3	12.7	12
ACC-132-PD14127M	Φ16.5	7	15.6	28.3	12.7	14
ACC-132-PD5254M	Φ10.7	7	15.6	41.0	25.4	5



Hex. Tip (Bit)

SAE Size

Model No.	Size (mm)					Socket Size (Inch)
	H1	H2	L1	L2	(Hex.) S	
ACC-132-PB11612	2.5	Φ7.9	28.3	42.8	1/16"	1/2"
ACC-132-PB56412	2.5	Φ7.9	28.3	42.8	5/64"	1/2"
ACC-132-PB33212	2.5	Φ7.9	28.3	42.8	3/32"	1/2"
ACC-132-PB1812	2.5	Φ7.9	28.3	42.8	1/8"	1/2"
ACC-132-PB53212	2.5	Φ7.9	28.3	42.8	5/32"	1/2"
ACC-132-PB1161	2.5	Φ7.9	41.0	55.5	1/16"	1"
ACC-132-PB5641	2.5	Φ7.9	41.0	55.5	5/64"	1"
ACC-132-PB3321	2.5	Φ7.9	41.0	55.5	3/32"	1"
ACC-132-PB181	2.5	Φ7.9	41.0	55.5	1/8"	1"

Metric Size

Model No.	Size (mm)					Socket Size (mm)
	H1	H2	L1	L2	(Hex.) S	
ACC-132-PB1550M	2.5	Φ7.9	65.6	80.1	1.5	50
ACC-132-PB2050M	2.5	Φ7.9	65.6	80.1	2.0	50
ACC-132-PB10127M	2.5	Φ7.9	28.3	42.8	1.0	12.7
ACC-132-PB15127M	2.5	Φ7.9	28.3	42.8	1.5	12.7
ACC-132-PB20127M	2.5	Φ7.9	28.3	42.8	2.0	12.7
ACC-132-PB25127M	2.5	Φ7.9	28.3	42.8	2.5	12.7
ACC-132-PB30127M	2.5	Φ7.9	28.3	42.8	3.0	12.7
ACC-132-PB40127M	2.5	Φ7.9	28.3	42.8	4.0	12.7
ACC-132-PB10254M	2.5	Φ7.9	41.0	55.5	1.0	25.4
ACC-132-PB15254M	2.5	Φ7.9	41.0	55.5	1.5	25.4
ACC-132-PB20254M	2.5	Φ7.9	41.0	55.5	2.0	25.4
ACC-132-PB25254M	2.5	Φ7.9	41.0	55.5	2.5	25.4
ACC-132-PB30254M	2.5	Φ7.9	41.0	55.5	3.0	25.4
ACC-132-PB40254M	2.5	Φ7.9	41.0	55.5	4.0	25.4

Installation Tools (Aircraft Tools)

組裝工具 - 航太工具

SA8319R Reverse SA8319NR Forward Composi-Lok Master Torque Driver w/o Nose Adaptor

- Free Speed: 500 RPM
- Motor: 1 HP
- Sound Level: 75 d(BA)
- Torque Output:
230 in-lbs (26 Nm)
- Packing:
10pcs/ 18 kg(G.W)/ 1.5' Cuft



★ ★ ★



SA8319NRK Composi-Lok Master Torque Driver Kit (14 PCS)

★ ★ ★



Contents

- 1PC SA8319NR
- 6PCS Flush Nose
(SA8319-NA532N x 2pcs,
SA8319-NA316N x 2pcs,
SA8319-NA14N x 2pcs)
- 3PCS Protruding Nose
(SA8319-NA532PN x 1pc,
SA8319-NA316PN x 1pc,
SA8319-NA14PN x 1pc)
- 3PCS Driver
(SA8319-NA532D x 1pc,
SA8319-NA316D x 1pc,
SA8319-NA14D x 1pc)
- 1PC Blow Mold Case



SA8319NRK1 Composi-Lok Master Torque Driver Kit (11 PCS)

★ ★ ★



Contents

- 1PC SA8319NR
- 3PCS Flush Nose
(SA8319-NA532N x 1pcs,
SA8319-NA316N x 1pcs,
SA8319-NA14N x 1pc)
- 3PCS Protruding Nose
(SA8319-NA532PN x 1pc,
SA8319-NA316PN x 1pc,
SA8319-NA14PN x 1pc)
- 3PCS Driver
(SA8319-NA532D x 1pc,
SA8319-NA316D x 1pc,
SA8319-NA14D x 1pc)
- 1PC Blow Mold Case



Optional Nose Adaptor Assembly

SA8319-NA532P Pin Dia. 5/32"
SA8319-NA316P Pin Dia. 3/16"
SA8319-NA14P Pin Dia. 1/4"
SA8319-NA516P Pin Dia. 5/16"



Nose Adaptor Assembly
w/ Protruding Nose & Driver



Pin Dia.

SA8319-NA532 Pin Dia. 5/32"
SA8319-NA316 Pin Dia. 3/16"
SA8319-NA14 Pin Dia. 1/4"
SA8319-NA516 Pin Dia. 5/16"



Nose Adaptor Assembly
w/ Flush Nose & Driver



Pin Dia.

Protruding Nose

SA8319-NA532PN 5/32"
SA8319-NA316PN 3/16"
SA8319-NA14PN 1/4"
SA8319-NA516PN 5/16"

Flush Nose

SA8319-NA532N 5/32"
SA8319-NA316N 3/16"
SA8319-NA14N 1/4"
SA8319-NA516N 5/16"

Driver

SA8319-NA532D 5/32"
SA8319-NA316D 3/16"
SA8319-NA14D 1/4"
SA8319-NA516D 5/16"

Model No.	Horse Power		Free Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Air Cons.		Hose Size	
	馬力		無負載轉速	重量		長度		進氣口	空氣壓力		耗氣量		氣管	
	HP	W	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	CFM	L/min	Inch	mm
SA8319R(NR)	1.0	746	500	3.75	1.70	12.60	320	1/4"	90	6.2	4	113	3/8	10

Installation Tools (Aircraft Tools)

組裝工具-航太工具

SA8746

Inline Round Nut Installation Tool-Short Type

- w/o Spring Clecos
- With Pu Braid Hose (Size:6.5 x 10mm x 1.7m)
- 90 Degree Angle Brass Hose Barb Fitting (Size: 1/4"PT x 1/4")
- Brass Plug (Size: 1/4"H x 1/4"NPT or 1/4"PT)
- Impact Type



SA8745

Round Nut Installation Tool w/ Grip-Short Type

- w/o Spring Clecos
- Weight:0.53 kg (1.16 lb)
- Length:135mm (5.31")
- Air Inlet:1/4" PT



SA8729

Hex. Nut Installation Tool w/ Comfort Grip

- Free Speed: 2,000 RPM
- Variable Speed Trigger
- Air Hose: 5/16"



SA8729R

Round Nut Installation Tool

- Free Speed: 2,000 RPM



SA8875S

Pistol Rivet Shavers Cutter w/o Cutter

- Free Speed: 21,000 RPM
- Horse Power: 0.9HP (671 W)



Scan For Operation Video



SA8875SK

Pistol Rivet Shavers Cutter Kits

Contents

- 1PC SA8875S
- 6PCS Shaver Skirt (5/16", 3/8", 7/16", 1/2", 9/16", 5/8")
- 6PCS Shaver Bit (5/16", 3/8", 7/16", 1/2", 9/16", 5/8")
- 1PC Blow Mold Case



Optional Accessories

SA8875S-SK Series

Shaver Skirt



Model No.	Size	Model No.	Size
SA8875S-SK5/16	5/16"	SA8875S-SK9/16	9/16"
SA8875S-SK3/8	3/8"	SA8875S-SK5/8	5/8"
SA8875S-SK7/16	7/16"	SA8875S-SK3/4	3/4"
SA8875S-SK1/2	1/2"		

SA8875S-BT Series

Shaver Bit



Model No.	Size	Model No.	Size
SA8875S-BT01	5/16"	SA8875S-BT05	9/16"
SA8875S-BT02	3/8"	SA8875S-BT06	5/8"
SA8875S-BT03	7/16"	SA8875S-BT07	3/4"
SA8875S-BT04	1/2"		

Model No.	Air Cons.		Free Speed	Air Inlet	Air Pressure		Overall Length		Net Weight		Hose Size	
	耗氣量		無負載轉速	進氣口	空氣壓力		長度		重量		氣管尺寸	
	CFM	L/min	RPM	NPT	psi	bar	Inch	mm	lb	kg	Inch	mm
SA8745	-	-	-	1/4"	-	-	5.31	135	1.16	0.53	1/4	6.35
SA8746	-	-	-	1/4"	-	-	0.69	17.5	0.88	0.40	-	-
SA8729	2.0	57	2,000	1/4"	90	6.2	10.4	265	2.09	0.95	5/16	8
SA8729R	2.0	57	2,000	1/4"	90	6.2	10.0	254	2.49	1.13	5/16	8
SA8875S	4.0	113	21,000	1/4"	90	6.2	8.27	210	2.20	1.00	3/8	10

Micro Die Grinders (Aircraft Tools)

筆型刻磨機 - 航太工具

SA5023 1/8" ★★ 
SA5023M 3mm 
High Speed Micro Die Grinder

- Free Speed: 60,000 RPM
- Rear Exhaust



SA5001 1/8" ★★ 
SA5001M 3mm 
High Speed Micro Die Grinder

- Free Speed: 54,000 RPM
- Rear Exhaust



SA5005 1/8" ★★ 
SA5005M 3mm 
High Speed Micro Die Grinder

- Free Speed: 70,000 RPM
- Rear Exhaust



SA5076M 6mm ★★ 
Micro Die Grinder

- Free Speed: 35,000 RPM
- Hose Length: 1500mm
- Weight: 250g
- Rear Exhaust



SA5043NS 1/8" ★★ 
SA5043NSM 3mm 
SA50011NS 1/8" 
SA50011NSM 3mm 
Industrial Micro Die Grinder w/o Grip

- Free Speed:
 65,000 RPM for **SA5043NS(M)**
 70,000 RPM for **SA50011NS(M)**



SA5008 1/8" ★★ 
SA5008M 3mm 
Right Angle Pencil Die Grinder w/ Comfort Grip

- Free Speed: 70,000 RPM
- Rear Exhaust



SA5001K 1/8" ★★ 
SA5001MK 3mm 
High Speed Micro Die Grinder Kit (17 pcs)

Contents

- 1PC SA5001(M)/ SA5005(M)
- 10PCS Mounted Stone 1/8" (3 mm)
- 1PC Mini Oiler
- 1PC Oil Pot
- 2PCS Spanners
- 1PC 1/4" Air Nipple
- 1PC Blow Molded Case



SA5008K 1/8" ★★ 
SA5008MK 3mm 
Right Angle Pencil Die Grinder Kit (17 PCS) w/ Comfort Grip

Contents

- 1PC SA5008
- 10PCS 3mm (1/8") Shank Mounted Stone
- 1PC Nipple
- 1PC Oil Pot
- 1PC Mini Oiler
- 2PCS Spanner Wrench
- 1PC Blow Molded Case



Model No.	Collet Size		Free Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Hose Size	
	夾頭尺寸		無負載轉速	重量		長度		進氣口	空氣壓力		氣管	
	Inch	mm	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	Inch	mm
SA5023(M)	1/8	3	60,000	0.48	0.22	5.9	149	1/4"	90	6.2	3/8	10
SA5001(M)	1/8	3	54,000	0.44	0.20	5.9	137	1/4"	90	6.2	3/8	10
SA5005(M)	1/8	3	70,000	0.44	0.22	5.9	137	1/4"	90	6.2	3/8	10
SA5076M	1/4	6	35,000	0.55	0.25	6.3	160	1/4"	85.3	5.88	3/8	10
SA5043NS(M)	1/8	3	65,000	0.30	0.14	5.6	141	1/4"	90	6.2	3/8	10
SA50011NS(M)	1/8	3	70,000	0.28	0.13							
SA5008(M)	1/8	3	70,000	0.50	0.23	5.9	150	1/4"	90	6.2	3/8	10

Air Die Grinders (Aircraft Tools)

氣動研磨機 - 航太工具



ST-120P 1/4"
ST-120PM 6mm
ST-120C 1/8"
ST-120CM 3mm

Mini Air Die Grinder

- Free Speed: 25,000 RPM
- Horse Power: 0.35 HP (261W)
- Packing:
12 PCS/ 7.4/ 8 kg/ 0.8' Cuft



SAL-200 1/4"
SAL-200M 6mm
SAL-200B 1/8"
SAL-200BM 3mm

Low Noise Air Die Grinder

- Free Speed: 22,000 RPM
- Horse Power: 0.5 HP (373W)
- Noise Level: 78 dBA
- Rear Exhaust



SA5729 1/4"
SA5729M 6mm
SA5729C 1/8"
SA5729CM 3mm

Mini Air Die Grinder

- Free Speed: 25,000 RPM
- Horse Power: 0.3HP (224 W)
- Rear Exhaust



SA5321 1/4"
SA5321M 6mm
SA5321-18 1/8"
SA5321-03 3mm
SA5321-08 8mm

Industrial Composite Die Grinder

- Free Speed: 25,000 RPM
- Horse Power: 0.4 HP (298W)
- Rear Exhaust



Industrial-level
Collet Embedded

SA56102-SL 1/4"
SA56102M-SL 6mm
SA56102CSL 1/8"
SA56102CM-SL 3mm

Mini Air Die Grinder
w/ Comfort Grip & Spindle Lock

- Spindle Lock
- Rear Exhaust
- Free Speed: 25,000 RPM
- Horse Power: 0.3 HP (224W)



SA56100-SL 1/4"
SA56100M-SL 6mm
SA56100C-SL 1/8"
SA56100CM-SL 6mm

Med. Air Die Grinder
w/ Comfort Grip & Spindle Lock

- Spindle Lock
- Rear Exhaust
- Free Speed: 22,000 RPM
- Horse Power: 0.6 HP (447W)
- Sound Pressure: 92 dBA
- Vibration: 1.53 m/sec²



Model No.	Collet Size		Horse Power		Free Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Hose Size		Air Cons.	
	夾頭尺寸		馬力		無負載轉速	重量		長度		進氣口	空氣壓力		氣管		耗氣量	
	Inch	mm	HP	W	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	Inch	mm	CFM	L/min
ST-120P(M)	1/4	6	0.35	261	25,000	0.88	0.40	6.10	155	1/4"	90	6.2	3/8	10	2.6	74
ST-120C(M)	1/8	3														
SAL-200(M)	1/4	6	0.5	373	22,000	1.32	0.60	7.09	180	1/4"	90	6.2	3/8	10	3.1	88
SAL-200B(M)	1/8	3														
SA5729(M)	1/4	6	0.3	224	25,000	0.64	0.29	4.53	115	1/4"	90	6.2	3/8	10	3	84
SA5729C(M)	1/8	3														
SA5321(M)	1/4	6	0.4	298	25,000	1.08	0.49	7.04	179	1/4"	90	6.2	3/8	10	2.5	71
SA5321-18(03)(08)	1/8	3(8)														
SA56102(M)-SL	1/4	6	0.3	224	25,000	0.97	0.44	5.84	149	1/4"-18	90	6.2	3/8	10	3.0	85
SA56102C(M)-SL	1/8	3														
SA56100(M)-SL	1/4	6	0.6	447	22,000	1.41	0.64	7.17	182	1/4"-18	90	6.2	3/8	10	4.0	113
SA56100C(M)-SL	1/8	3														

Air Die Grinders (Aircraft Tools)

氣動研磨機 - 航太工具



SA-3F2-25E(M) Front Exhaust SA-3R2-25E(M) Rear Exhaust 1/4"(6mm) Mini Die Grinder



- Free Speed: 25,000 RPM
- Horse Power: 0.3 HP (224W)
- Erickson Collect



SA-6F2-22E(M) Front Exhaust SA-6R2-22E(M) Rear Exhaust 1/4"(6mm) Medium Die Grinder



- Free Speed: 22,000 RPM
- Horse Power: 0.6 HP (447W)
- Erickson Collect



SA-9F2-18E(M) Front Exhaust SA-9R2-18E(M) Rear Exhaust 1/4"(6mm) Medium Die Grinder



- Free Speed: 18,000 RPM
- Horse Power: 0.9 HP (671W)
- Erickson Collect



SA8713PA 2 in 1 Air Die Grinder & Router w/o Comfort Grip



- Free Speed: 18,000 RPM
- Power: 0.9 HP (671 W)



SA-E1R-25E 1/4" SA-E1R-25EM 6mm 1" Industrial Extended Die Grinder



- Free Speed: 25,000 RPM
- Horse Power: 0.3 HP (224W)
- Rear Exhaust
- Erickson Collect



SA-E3R-25E 1/4" SA-E3R-25EM 6mm 3" Industrial Extended Die Grinder



- Free Speed: 25,000 RPM
- Horse Power: 0.3 HP (224W)
- Rear Exhaust
- Erickson Collect



SA-E5R-25E 1/4" SA-E5R-25EM 6mm 5" Industrial Extended Die Grinder



- Free Speed: 25,000 RPM
- Horse Power: 0.3 HP (224W)
- Rear Exhaust
- Erickson Collect



SA-E6R-18E 1/4" SA-E6R-18EM 6mm 5-1/2" Industrial Extended Die Grinder



- Free Speed: 18,000 RPM
- Horse Power: 0.9 HP (671W)
- Option For 8mm Collect Size
- Rear Exhaust
- Erickson Collect



Model No.	Collet Size		Horse Power		Free Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Air Cons.		Hose Size	
	夾頭尺寸		馬力		無負載轉速	重量		長度		進氣口	空氣壓力		耗氣量		氣管	
	Inch	mm	HP	W	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	CFM	L/min	Inch	mm
SA-3F2-25E(M)	1/4	6	0.3	224	25,000	0.75	0.34	4.80	122	1/4"	90	6.2	4.0	113	3/8	10
SA-3R2-25E(M)																
SA-6F2-22E(M)																
SA-6R2-22E(M)	1/4	6	0.6	447	22,000	1.25	0.56	5.91	150	1/4"	90	6.2	4.0	113	3/8	10
SA-9F2-18E(M)																
SA-9R2-18E(M)	1/4	6	0.9	671	18,000	1.94	0.88	6.42	163	1/4"	90	6.2	4.0	113	3/8	10
SA8713PA	1/4	6	0.9	671	18,000	2.09	0.95	8.38	213	1/4"	90	6.2	3.08	87	5/16	8
SA-E1R-25E(M)	1/4	6	0.3	224	25,000	1.08	0.49	8.03	204	1/4"	90	6.2	4.0	113	3/8	10
SA-E3R-25E(M)	1/4	6	0.3	224	25,000	1.21	0.55	9.44	240	1/4"	90	6.2	4.0	113	3/8	10
SA-E5R-25E(M)	1/4	6	0.3	224	25,000	1.41	0.64	11.33	288	1/4"	90	6.2	4.0	113	3/8	10
SA-E6R-18E(M)	1/4	6	0.9	671	18,000	2.86	1.30	13.38	340	1/4"	90	6.2	4.0	113	3/8	10

Air (Angle) Die Grinders (Aircraft Tools)

氣動（灣頭）研磨機 - 航太工具

SA5672S 1/4"
SA5672SM 6mm

**Industrial Mini Die Grinder
(Lever Type)**

- Free Speed: 24,000 RPM
- Horse Power: 0.5 HP (373W)
- Air Cons: 3.6 CFM(103 L/min)
- Hose Size: 5/16" (8mm)



Industrial-level
Collet Embedded

SA5204 1/4"
SA5204M 6mm

**Industrial Medium Die Grinder
w/ Hose**

- Free Speed: 22,000 RPM
- Horse Power: 0.6 HP (447W)
- Rear Exhaust



Industrial-level
Collet Embedded



SA5101 1/4"
SA5101M 6mm

Mini Die Grinde

- Free Speed: 26,000 RPM
- Power: 0.2 HP (149W)
- Front Exhaust



Aircraft

SA5435 1/4"
SA5435M 6mm

**Air Die Grinder
w/ Hose**

- Free Speed: 30,000 RPM
- Horse Power: 0.3 HP (224W)
- Rear Exhaust



Industrial-level
Collet Embedded



SA5107 1/4"
SA5107M 6mm

115 ° Angle Die Grinder

- Free Speed: 20,000 RPM
- Horse Power: 0.2 HP (149W)
- Front Exhaust



Aircraft

SA5105 1/4"
SA5105M 6mm

Mini Angle Die Grinder

- Free Speed: 20,000 RPM
- Horse Power: 0.2 HP (149W)
- Also Available In Rear Exhaust
Model No. **SA5105R**



Aircraft

SA5205 1/4"
SA5205M 6mm
SA5205-18 1/8"
SA5205-03 3mm

Heavy Duty Angle Die Grinder

- Free Speed: 19,000 RPM
- Horse Power: 0.28 HP (209W)
- Aluminum alloy body housing,
anodized finished,
high performance.
- Rear Exhaust



Industrial-level
Collet Embedded



Aircraft

Model No.	Collet Size		Horse Power		Free Speed		Net Weight		Overall Length		Air Inlet		Air Pressure		Air Cons.		Hose Size	
	夾頭尺寸		馬力		無負載轉速		重量		長度		進氣口		空氣壓力		耗氣量		氣管	
	Inch	mm	Hp	W	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	CFM	L/min	Inch	mm	Inch	mm
SA5672S(M)	1/4	6	0.5	373	24,000	1.12	0.51	5.91	150	1/4"	90	6.2	3.6	103	3/8	10		
SA5204(M)	1/4	6	0.6	447	22,000	2.02	0.92	5.07	205	1/4"	90	6.2	3.8	108	3/8	10		
SA5101(M)	1/4	6	0.2	149	26,000	0.79	0.36	5.25	133	1/4"	90	6.2	-	-	3/8	10		
SA5435(M)	1/4	6	0.3	224	30,000	0.99	0.45	6.46	164	1/4"	90	6.2	2.0	57	3/8	10		
SA5107(M)	1/4	6	0.2	149	20,000	1.10	0.50	6.61	168	1/4"	90	6.2	-	-	3/8	10		
SA5105(M)	1/4	6	0.2	149	20,000	1.10	0.50	5.51	140	1/4"	90	6.2	-	-	3/8	10		
SA5205(M)	1/4	6	0.28	209	19,000	1.21	0.55	6.50	165	1/4"	90	6.2	2.0	57	3/8	10		
SA5205-18(03)	1/8	3																

Air Angle Die Grinders (Aircraft Tools)

氣動彎頭研磨機 - 航太工具



ST-125P 1/4"
ST-125PM 6mm
ST-125C 1/8"
ST-125CM 3mm
Air Angle Die Grinder

- Free Speed: 20,000 RPM
- Horse Power: 0.35 HP (261W)



ST-2115P 1/4"
ST-2115PM 6mm
ST-2115C 1/8"
ST-2115CM 3mm
115° Air Angle Die Grinder

- Free Speed: 18,000 RPM
- Horse Power: 0.5 HP (373W)



SA5322 1/4"
SA5322M 6mm
SA5322-18 1/8"
SA5322-03 3mm
Industrial Composite Angle Die Grinder

- Free Speed: 20,000 RPM
- Horse Power: 0.4 HP (298W)
- Air Cons.: 1.6 CFM(45 L/min)



Industrial-level
Collet Embedded

SA53109-SL 1/4"
SA53109M-SL 6mm
SA53109C-SL 1/8"
SA53109CM-SL 3mm
90° Mini Angle Die Grinder w/ Comfort Grip & Spindle Lock

- Free Speed: 20,000 RPM
- Horse Power: 0.3 HP (224W)
- Sound Pressure: 95 dBA
- Sound Power: 106 dBA
- Spindle Lock • Rear Exhaust



SA53105 1/4"
SA53105M 6mm
SA53105C 1/8"
SA53105CM 3mm
Mini Angle Die Grinder

- Rear Exhaust
- Free Speed: 18,000 RPM
- Horse Power: 0.3HP (224 W)



SA51006-2 2.0"
SA51006-25 2.5"
SA51006-3 3.0"
Mini Havy-duty Angle Grinder w/o Grinding Wheel

- Free Speed: 18,000 RPM
- Horse Power: 0.3HP (224 W)
- Spindle Thread: 3/8"-24 UNF
- Rear Exhaust • Five Blade Design



Model No.	Collet Size		Horse Power		Free Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Hose Size		Air Cons.	
	夾頭/砂輪尺寸		馬力		無負載轉速	重量		長度		進氣口	空氣壓力		氣管		耗氣量	
	Inch	mm	HP	W	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	Inch	mm	CFM	L/min
ST-125P(M)	1/4	6	0.35	261	20,000	1.10	0.50	6.10	155	1/4"	90	6.2	3/8	10	2.6	74
ST-125C(M)	1/8	3														
ST-2115P(M)	1/4	6														
ST-2115C(M)	1/8	3	0.5	373	18,000	1.54	0.70	7.09	180	1/4"	90	6.2	3/8	10	3.5	99
SA5322(M)	1/4	6														
SA5322-18(03)	1/8	3														
SA53109(M)-SL	1/4	6	0.3	224	20,000	1.10	0.50	6.30	160		90	6.2	3/8	10	3.0	85
SA53109C(M)-SL	1/8	3														
SA53105(M)	1/4	6														
SA53105C(M)	1/8	3	0.3	224	18,000	0.95	0.43	4.96	126	1/4"	90	6.2	3/8	10	3.0	84
SA51006-2	2	50														
SA51006-25	2.5	60														
SA51006-3	3	75														

Air Angle Die Grinders (Aircraft Tools)

氣動彎頭研磨機 - 航太工具



SA-A3F2-12E 1/4" SA-A3F2-12EM 6mm Angle Die Grinder

- Free Speed: 12,000 RPM
- Horse Power: 0.3 HP (224W)
- Front Exhaust
- Erickson Collect



SA-A3F2-18E 1/4" SA-A3F2-18EM 6mm Heavy Duty Angle Die Grinder

- Free Speed: 18,000 RPM
- Horse Power: 0.3 HP (224W)
- Front Exhaust
- Erickson Collect



SA-A3R2-12E 1/4" SA-A3R2-12EM 6mm Angle Die Grinder

- Free Speed: 12,000 RPM
- Horse Power: 0.3 HP (224W)
- Rear Exhaust
- Erickson Collect



SA-A3R2-18E 1/4" SA-A3R2-18EM 6mm Heavy Duty Angle Die Grinder

- Free Speed: 18,000 RPM
- Horse Power: 0.3 HP (224W)
- Rear Exhaust
- Erickson Collect



SA-A6F2-12E 1/4" SA-A6F2-12EM 6mm Angle Die Grinder

- Free Speed: 12,000 RPM
- Horse Power: 0.6 HP (447W)
- Front Exhaust
- Erickson Collect



SA-A6R2-12E 1/4" SA-A6R2-12EM 6mm Angle Die Grinder

- Free Speed: 12,000 RPM
- Horse Power: 0.6 HP (447W)
- Rear Exhaust
- Erickson Collect



Model No.	Collet Size		Horse Power		Free Speed		Net Weight		Overall Length		Air Inlet		Air Pressure		Air Cons.		Hose Size	
	夾頭尺寸		馬力		無負載轉速		重量		長度		進氣口		空氣壓力		耗氣量		氣管	
	Inch	mm	Hp	W	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	CFM	L/min	Inch	mm	Inch	mm
SA-A3F2-12E(M)	1/4	6	0.3	224	12,000	0.94	0.42	5.0	127	1/4"	90	6.2	10	283	3/8	10		
SA-A3F2-18E(M)	1/4	6	0.3	224	18,000	0.94	0.42	5.0	127	1/4"	90	6.2	10	283	3/8	10		
SA-A3R2-12E(M)	1/4	6	0.3	224	12,000	0.94	0.42	5.0	127	1/4"	90	6.2	10	283	3/8	10		
SA-A3R2-18E(M)	1/4	6	0.3	224	18,000	0.94	0.42	5.0	127	1/4"	90	6.2	10	283	3/8	10		
SA-A6F2-12E(M)	1/4	6	0.6	447	12,000	1.76	0.80	6.9	175	1/4"	90	6.2	10	283	3/8	10		
SA-A6R2-12E(M)	1/4	6	0.6	447	12,000	1.76	0.80	6.9	175	1/4"	90	6.2	10	283	3/8	10		

Composite Random Orbital Sanders (Aircraft Tools)

塑膠氣動砂光機 - 航太工具



OSN-50H
OSN-50V
OSN-60H
OSN-60V

5" PAD w/ Hook Face
5" PAD w/ Vinyl Face
6" PAD w/ Hook Face
6" PAD w/ Vinyl Face



Non-Vacuum Composite Random Orbital Sander

- Free Speed: 12,000 RPM
- Horse Power: 0.24HP (179W)
- Orbit Dia.: 5mm (3/16")
- Also Available
3/32"(2.5mm)Orbit



OSC-50H
OSC-50V
OSC-60H
OSC-60V

5" PAD w/ Hook Face
5" PAD w/ Vinyl Face
6" PAD w/ Hook Face
6" PAD w/ Vinyl Face



Central-Vacuum Composite Random Orbital Sander

- Free Speed: 12,000 RPM
- Horse Power: 0.24HP (179W)
- Orbit Dia.: 5mm (3/16")
- Also Available
3/32"(2.5mm)Orbit



SA4205 6"
Heavy Duty Air Dual
Action Quiet Sander

- Free Speed: 10,000 RPM
- Spindle Thread 5/16"-18 UNC



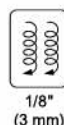
SA4211 228 x 93mm
Non-Vacuum Heavy Duty
Air Orbital Sander

- Free Speed: 8,000 RPM



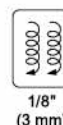
SMN-70C 3-2/3x7" w/ Spring Clips
Non-Vacuum Composite
Random Orbital Sander

- Free Speed: 10,000 RPM
- Orbit Dia.: 3mm (1/8")
- Horse Power: 0.24HP (179W)



SMN-70H 3-2/3x7" w/ Hook Face
SMN-70V 3-2/3x7" w/ Vinyl Face
Non-Vacuum Composite
Random Orbital Sander

- Free Speed: 10,000 RPM
- Orbit Dia.: 3mm (1/8")
- Horse Power: 0.24HP (179W)



SMN-35H-AP 3x5" w/ Hook Face
Non-Vacuum Composite
Random Orbital Sander

- Free Speed: 10,000 RPM
- Orbit Dia.: 3mm (1/8")
- Horse Power: 0.24HP (179W)



Model No.	Pad Size		Orbit Dia.		Free Speed	Vac. Mode	Air Cons.		Air Inlet	Air Pressure		Net Weight		Overall Length		Hose Size	
	底盤尺寸		偏擺直徑		無負載轉速	吸塵方式	耗氣量		進氣口	空氣壓力		重量		長度		氣管	
	Inch	mm	Inch	mm	R.P.M	-	CFM	L/min	NPT(PT)	psi	bar	lb	kg	Inch	mm	Inch	mm
OSN-50H(V)	5	125	3/16	5.0	12,000	Non-Vac	16	453	1/4"	90	6.2	1.50	0.68	6.05	154	1/4	6
OSN-60H(V)	6	150	3/16	5.0	12,000	Non-Vac	16	453	1/4"	90	6.2	1.60	0.73	6.56	166	1/4	6
OSC-50H(V)	5	125	3/16	5.0	12,000	Central-Vac	16	453	1/4"	90	6.2	1.50	0.68	7.62	194	1/4	6
OSC-60H(V)	6	150	3/16	5.0	12,000	Central-Vac	16	453	1/4"	90	6.2	1.76	0.8	8.12	206	1/4	6
SA4205	6	150	-	-	10,000	-	4.0	113	1/4"	90	6.2	4.25	1.93	10.00	254	3/8	10
SA4211	9 x 3.6	228 x 93	3/8	9.5	8,000	Non-Vac	5.0	140	1/4"	90	6.2	4.33	1.97	-	-	3/8	10
SMN-70C	3-2/3 x 7	93 x 178	1/8	3.0	10,000	Non-Vac	17	481	1/4	90	6.2	2.07	0.94	6.85	174	1/4	6
SMN-70H(V)	3-2/3 x 7	93 x 178	1/8	3.0	10,000	Non-Vac	17	481	1/4	90	6.2	2.07	0.94	6.85	174	1/4	6
SMN-35H-AP	3 x 5	81 x 133	1/8	3.0	10,000	Non-vac	17	481	1/4	90	6.3	1.87	0.85	8.55	217	1/4	6

Air Sanders & Polishers (Kit) (Aircraft Tools)

氣動砂光機 & 拋光機(組) - 航太工具



SA4115P

30mm (7,500 RPM)

SA4115P-120

30mm (12,000 RPM)

SA4115P-150

30mm (15,000 RPM)

Detail Sander

- Orbit Dia: 1/16" (1.5mm)



SA4103A

Heavy Duty Air Finger Sander

- Free Speed: 15,000 RPM
- Orbit Dia: 1/8" (3mm)
- Pad Size: 60x18mm, 43x21mm



SA4106K 3"

Mini Angle Sander Kit (36 pcs)



Contents

- 1PC SA4106 Mini Air Angle Sander
- 1PC 3" Coarse Surface Preparation Disc
- 1PC 3" Medium Surface Preparation Disc
- 1PC 3" Fine Surface Preparation Disc
- 10PCS 60 Grit Sanding Discs
- 10PCS 90 Grit Sanding Discs
- 10PCS 120 Grit Sanding Discs
- 1PC Spanner
- 1PC Blow Molded Case



SA4600K 3"

Mini Polisher Kit (7 pcs)



Contents

- 1PC SA4600 Mini Polisher
- 1PC 3" Hard Compounding Pad
- 1PC 3" Soft Compounding Pad
- 1PC 3-1/2" Lambs wool bonnet
- 1PC 3" Hook & Loop backing pad
- 1PC Spanner
- 1PC Blow Molded Case



SA4601K 3"

Air Vertical Polisher Kit (10 PCS)



Contents

- 1PC SA4601 Air Vertical Polisher
- 1PC 3" Eva Pad
- 1PC 3" Wool Buffing Pad
- 1PC 3" Polishing Foam Pad
- 1PC 3" Holder
- 1PC 3" Wool Pad
- 1PC Oil Pot
- 1PC Air Nipple
- 1PC Spanner
- 1PC Blow Molded Case



Model No.	Pad Size		Free Speed	Air Cons.		Air Inlet	Air Pressure		Net Weight		Overall Length		Hose Size	
	底盤尺寸		無負載轉速	耗氣量		進氣口	空氣壓力		重量		長度		氣管	
	Inch	mm	R.P.M	CFM	L/min	NPT(PT)	psi	bar	lb	kg	Inch	mm	Inch	mm
SA4115P	1.18	30	7,500	0.62	17.5	1/4"	90	6.2	3.75	0.63	6.6	168	3/8	10
SA4115P-120			12,000											
SA4115P-150			15,000											
SA4103A	60 x 18 mm		15,000	5.0	142	1/4'	90	6.2	2.20	1.00	7.44	240	3/8	10
SA4106	3	75	18,000	6.0	171	1/4"	90	6.2	1.49	0.68	4.71	120	3/8	10
SA4600	3	75	2,000	4.0	113	1/4"	90	6.2	1.60	0.75	5.43	138	3/8	10
SA4601	3	75	2,500	6.0	171	1/4"	90	6.2	1.78	0.81	6.29	160	3/8	10

Air Belt Sanders (Aircraft Tools)

氣動砂帶機 - 航太工具

SA49105 10x330mm (Rear)

SA49105S 10x330mm (Side)

Composite Air Belt Sander
(Aluminum Pulley)

- Free Speed: 18,000 RPM
- Sound Pressure: 80 dBA
- Motor: 0.6HP (447 W)



• Rear Exhaust



• Side Swivel Exhaust



SA49106 13x457mm (Rear)

SA49106S 13x457mm (Side)

Composite Air Belt Sander
(Rubber Pulley)



SA49106E 13x457mm

Composite Air Belt Sander
(Rubber Pulley)

- Free Speed: 18,000 RPM
- Sound Pressure: 80 dBA
- Motor: 0.6HP (447 W)
- With special designed arm, for processing on arc surfaces.



SA49121 20x520mm Iron Pulley

SA49121R 20x520mm Rubber Pulley

Composite Belt Sander
w/ 2pcs Belt (80, 100)

- Free Speed: 17,000 RPM
- Motor: 0.6 HP (447W)
- Rear Exhaust



SA49123 10x330mm Iron Pulley

SA49123R 10x330mm Rubber Pulley

Composite Belt Sander
w/ 3pcs Belt (80, 100, 120)

- Free Speed: 17,000 RPM
- Motor: 0.6 HP (447W)
- Rear Exhaust



SA49122 13x457mm Iron Pulley

SA49122R 13x457mm Rubber Pulley

Composite Belt Sander
w/ 2pcs Belt (80, 100)

- Free Speed: 17,000 RPM
- Motor: 0.6 HP (447W)
- Rear Exhaust



SA4501A 10x330mm

Air Belt Sander

- Free Speed: 16,000 RPM



SA49122L 13x457mm Iron Pulley

SA49122RL 13x457mm Rubber Pulley

Composite Air Belt Sander
w/ 2pcs Belts
(#80, #100)

- Free Speed: 18,000 RPM
- Motor HP: 0.6 HP
- Rear Exhaust
- Quick Change Belt Guard Any Angle.

Quick Change
Belt Guard Any Angle



SA49123L 10x330mm Iron Pulley

SA49123RL 10x330mm Rubber Pulley

Composite Air Belt Sander
w/ 3pcs Belts (#80, #100, #120)



Model No.	Belt Size		Free Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Air Cons.		Hose Size	
	底盤尺寸		無負載轉速	重量		長度		進氣口	空氣壓力		耗氣量		氣管尺寸	
	Inch	mm	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	CFM	L/min	Inch	mm
SA49105(S)	3/8 x 13	10 x 330	18,000	1.70	0.77	12.80	325	1/4"	90	6.2	3.5	99.1	3/8	10
SA49106(S)	1/2 x 18	13 x 457	18,000	1.76	0.80	15.16	385	1/4"	90	6.2	3.5	99.1	3/8	10
SA49106E	1/2 x 18	13 x 457	18,000	1.80	0.82	15.16	385	1/4"	90	6.2	3.5	99.1	3/8	10
SA49121(R)	7/8 x 20	20 x 520	17,000	2.80	1.27	16.93	430	1/4"	90	6.2	4.0	113	3/8	10
SA49122(R)	1/2 x 18	13 x 457	17,000	1.88	0.85	15.16	385	1/4"	90	6.2	4.0	113	3/8	10
SA49123(R)	3/8 x 13	10 x 330	17,000	1.76	0.80	12.60	320	1/4"	90	6.2	4.0	113	3/8	10
SA4501A	3/8 x 13	10 x 330	16,000	1.76	0.80	11.18	284	1/4"	90	6.2	4.0	113	3/8	10
SA49122(R)L	1/2 x 18	13 x 457	18,000	1.94	0.88	14.57	370	1/4"	90	6.2	4.0	113	3/8	10
SA49123(R)L	3/8 x 13	10 x 330	18,000	1.76	0.80	12.60	320	1/4"	90	6.2	4.0	113	3/8	10

Air Impact Wrenches & Ratchet Wrenches (Aircraft Tools)

氣動衝擊扳手 & 棘輪扳手 - 航太工具

SA2220 1/2" Heavy Duty Impact Wrench

- Twin Hammer
- Handle Exhaust
- Bolt Capacity: M19
- Max Torque: 450 ft-lb (612 Nm)



SA3041 1/4" SA3042 3/8" Heavy Duty Mini Ratchet Wrench

- Rear Exhaust
- Max Torque: 20/ 40 ft-lb (27/ 54 Nm)



SA3031 3/8" 2 In 1 Air Stubby Ratchet Wrench

- Handle Exhaust
- Bolt Capacity: 3/8"(10mm)
- Sound Pressure: 83.8 dBA
- Max Torque: 20 ft-lb (27 Nm)



SA3003 1/4" SA3004 3/8" Air Ratchet Wrench

- Handle Exhaust
- Bolt Capacity: 3/8"(10mm)
- Sound Pressure: 90.4 dBA
- Max Torque: 25 ft-lb (34 Nm)



SA3060A (AU) 1/4" SA3158A (AU) 3/8" Composite Air Ratchet Wrench

- Rear Exhaust
- Three Gear
- Aluminum with Composite
- Noise Level: 83 dBA
- Max Torque: 40 ft-lb (54 Nm)



SA3160 3/8" SA3075 1/4" Mini Impact Ratchet Wrench w/ Comfort Grip

- Rear Exhaust • Less Counterforce
- Sound Pressure: 86/ 97dBA
- Vibration: 6.5 m/s²
- Max. Torque: 40 ft-lb (54 Nm)
- Maurer Clutch Mechanism



SA3719 1/4" Installation Reversible Ratchet Wrench

- Handle Exhaust
- w/o Handi-Hex Key or Installation Socket or Collar Removal Socket
- Max Torque: 25 ft-lb (34 Nm)



Model No.	Square Drive	Max. Torque		Free Speed	Air Cons.		Net Weight		Overall Length		Air Inlet	Air Pressure		Hose Size	
	四方頭	最大扭力		無負載轉速	耗氣量		重量		長度		進氣口	空氣壓力		氣管	
	Inch	ft-lb	N-m	R.P.M	CFM	L/min	lb	kg	Inch	mm	NPT(PT)	psi	bar	Inch	mm
SA2220	1/2	450	612	7,000	4.0	113	5.73	2.60	7.24	184	1/4"	90	6.2	3/8	10
SA3041	1/4	20	27	250	2.5	71	1.28	0.58	7.48	190	1/4"	90	6.2	1/4	6.35
SA3042	3/8	40	54	250											
SA3031	3/8	20	27	400	2.6	74	0.95	0.43	4.88	124	1/4"	90	6.2	3/8	10
SA3003	1/4	25	34	250	2.6	74	1.15	0.52	6.61	168	1/4"	90	6.2	3/8	10
SA3004	3/8														
SA3060A (AU)	1/4	40	54	300	3.0	85	0.96	0.44	6.47	166	1/4"	90	6.2	3/8	10
SA3158A (AU)	3/8														
SA3160	3/8	40	54	550	2.4	67	1.50	0.65	6.30	160	1/4"	90	6.2	3/8	10
SA3075	1/4														
SA3719	1/4	25	34	200	2.5	70.75	1.39	0.63	7.68	195	1/4"	90	6.2	3/8	10

Special Air Tools (Aircraft Tools)

特殊工具 - 航太工具



SA8202 Front Exhaust SA8202R Rear Exhaust Air Reciprocating Saw

- Blow Per Min: 10,000 BPM



SA8202K Air Reciprocating Saw Kit (17 PCS)

Contents

- 1PC SA8202
- 5PCS 24T Saw Blades
- 5PCS 32T Saw Blades
- 1PC Work Guide
- 1PC Mini Oiler
- 1PC Swivel Connector
- 1PC 4 mm Hex Key Wrench
- 1PC 2 mm Hex Key Wrench
- 1PC Blow Molded Case



SA8512 2" Air Circular Saw

- Free Speed: 12,000 BPM



SA8510 2" w/ 72T Saw Blade 620 RPM SA8510T 2" w/ 160T Saw Blade 620 RPM SA8510B 2" w/ 72T Saw Blade 3500 RPM SA8510BT 2" w/ 160T Saw Blade 3500 RPM SA8510C 2" w/ Diamond Saw Blade 7000 RPM

Air Circular Saw

- 72T (Iron) $\leq 2.4\text{mm}$,
(Alum.) $\leq 6\text{mm}$,
(Copper) $\leq 3\text{mm}$,
(Stainless) $\leq 1\text{mm}$
- 160T (Iron) $\leq 1.6\text{mm}$
- Diamond (Tiles) $\leq 1.6\text{mm}$,
(Carbon Fiber) $\leq 6\text{mm}$



Optional Accessories For SA8510 Series



AC-8510-072T 72T Stainless Steel Saw Blade



AC-8510-160T 160T Stainless Steel Saw Blade



AC-8510-D Diamond Saw Blade

Model No.	Stroke Length	Blows Per Minute	Air Cons.		Air Inlet	Air Pressure		Overall Length		Net Weight		Hose Size	
	行程	打擊次數	耗氣量		進氣口	空氣壓力		長度		重量		氣管尺寸	
	mm	B.P.M	CFM	L/min	NPT	psi	bar	Inch	mm	lb	kg	Inch	mm
SA8202	10	10,000	6.5	184	1/4"	90	6.2	9.25	235	1.76	0.8	3/8	10
SA8202R			7.5	212									

Model No.	Max Cutting Depth		Air Cons.		Free Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Hose Size	
	最大切割深度		耗氣量		無負載轉速	重量		長度		進氣口	空氣壓力		氣管	
	inch	mm	CFM	L/min	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	Inch	mm
SA8512	-	-	4.0	113	12,000	1.32	0.6	6.88	175	1/4"	90	6.2	3/8	10
SA8510	5/16	8	4.0	113	620	2.29	1.04	9.06	244	1/4"	90	6.2	3/8	10
SA8510T														
SA8510B	5/16	8	4.0	113	3,500	2.29	1.04	9.06	244	1/4"	90	6.2	3/8	10
SA8510BT														
SA8510C	5/16	8	4.0	113	7,000	2.29	1.04	9.06	244	1/4"	90	6.2	3/8	10

Special Air Tools (Aircraft Tools)

特殊工具 - 航太工具



SA8502 SA8502P Air Cut-off Tool

3" ★ ★
w/ Comfort Grip

- Free Speed: 22,000 RPM
- Horse Power: 0.4HP (298W)



SA8701 Pin-Strip Removal Tool w/ Eraser Pad



- Free Speed: 4,000 RPM



SA8701K Pin-Strip Removal Tool Kit w/ 5pcs Eraser Pad



Contents

- 1PC SA8701
- 5PCS Stripe Eraser Pad



SA8500 / SA8500S Pistol Grip Metal Shear



- Free Speed: 2,200 RPM
- Cutting Capacity
Steel: 1.2 mm,
Alum.: 1.6 mm



SA8500S



SA8500

SA8501 / SA8501S In-Line Metal Shear



- Free Speed: 2,500 RPM
- Cutting Capacity
Steel: 1.2 mm,
Alum.: 1.6 mm



SA8501S



SA8501

Model No.	Wheel Size		Horse Power		Free Speed	Net Weight		Overall Length		Air Cons.		Air Inlet	Air Pressure		Hose Size	
	砂輪尺寸		馬力		無負載轉速	重量		長度		耗氣量		進氣口	空氣壓力		氣管尺寸	
	Inch	mm	Hp	W	R.P.M	lb	kg	Inch	mm	CFM	L/min	NPT(PT)	psi	bar	Inch	mm
SA8502(P)	3	75	0.4	298	22,000	1.74	0.79	7.28	185	4.0	113	1/4"	90	6.2	3/8	10
SA8701	-	-	-	-	4,000	1.9	0.9	7.99	203	6.0	170	1/4"	90	6.2	3/8	10
SA8500(S)	-	-	-	-	2,200	2.43	1.10	7.48	190	6.5	184	1/4"	90	6.2	3/8	10
SA8501(S)	-	-	-	-	2,500	2.42	1.10	9.06	230	6.0	170	1/4"	90	6.2	3/8	10

Special Air Tools (Aircraft Tools)

特殊工具 - 航太工具



SA5095A Air File w/ 4PCS File Blades

- File Holder Size 6mm



SA8706 Air Engraving Pen

- Free Speed: 14,000 RPM
- Stainless Steel Body



SA8708 Air Engraving Pen

- Free Speed: 3,400 RPM



SA8550 5mm Punch Hole SA8550A 8mm Punch Hole Air Punch & Flange Tool

- Punch: 5.0 mm
- Capacity: 1.6 mm



SA8300 Push type SA8301 Pull type Air Nibbler

- Cutting Speed: 2,900 SPM
- Cutting Thread Steel: 2.6mm
- Front exhaust



Model No.	Air Cons.		Blow Per Minute	Net Weight		Overall Length		Air Inlet	Air Pressure		Hose Size	
	耗氣量		打擊次數	重量		長度		進氣口	空氣壓力		氣管尺寸	
	CFM	L/min	B.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	Inch	mm
SA5095A	6.0	170	3,700	2.42	1.10	9.21	234	1/4"	90	6.2	3/8	10
SA8706	1.0	28	14,000	0.35	0.22	5.51	140	1/4"	90	6.2	3/8	10
SA8708	2.0	57	3,400	0.28	0.13	6.69	170	1/4"	90	6.2	3/8	10

Model No.	Punch Diameter		Capacity	Net Weight		Overall Length		Air Inlet	Air Pressure		Air Cons.	
	孔徑		承載力	重量		長度		進氣口	空氣壓力		耗氣量	
	Inch	mm	mm	lb	kg	Inch	mm	NPT(PT)	psi	bar	CFM	l/min
SA8550	3/16	5	1.6	2.54	1.15	9.84	250	1/4"	90	6.2	4.0	113
SA8550A	5/16	8	1.2									

Model No.	Air Cons.		Cutting Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Hose Size	
	耗氣量		無負載轉速	重量		長度		進氣口	空氣壓力		氣管尺寸	
	CFM	L/min	SPM	lb	kg	Inch	mm	NPT	psi	bar	Inch	mm
SA8300	7	198	2,900	2.2	1	7.8	180	1/4"	90	6.2	3/8	10
SA8301												

Air Hydraulic Riveters (Aircraft Tools)

氣動油壓拉釘槍 - 航太工具



SA8805 3/32"~3/16" ★★ Air Hydraulic Riveter

- Nosepieces 3/32" (2.4mm), 1/8" (3.2mm), 5/32" (4.0mm), 3/16" (4.8mm)



SA8806 1/8"~3/16" ★★ SA8806V w/ Vacuum Mandrel System

Air Hydraulic Riveter

- Nosepieces 1/8" (3.2 mm), 5/32" (4.0 mm), 3/16" (4.8 mm)



SA8810 3/32"~1/4" ★★ Air Hydraulic Riveter

- Nosepiece: 3/32" (2.4mm), 1/8" (3.2mm), 5/32" (4.0mm), 3/16" (4.8mm), 1/4" (6.4mm)



SA8805K 3/16" ★★ Air Hydraulic Riveter Kit (58 PCS)

Contents

- 1PC SA8805 Air Hydraulic Riveter
- 2PCS Return spring A & B
- 1PC Jaw pusher spring
- 30PCS Each 3/16", 5/32", 3/32" Rivet 10PCS
- 1PC Oiler
- 1PC Jaw
- 1PC Jaw pusher
- 1PC Spanner gauge
- 1PC Spanner
- 1PC Jaw case joint
- 1PC Valve (13.5 mm)
- 1PC Jaw case

- 1PC Joint nut
- 1PC Valve pusher spring
- 2PCS 3/32"(2.4mm) & 1/8"(3.2mm) Nosepiece
- 1PC Frame joint O ring (P12x2.4)
- 1PC Valve cap O ring(P12X2.4)
- 2PCS (P7X1.9) & (P6X2) Valve pusher O ring
- 1PC Hanging clip O ring (P27x2)
- 1PC Oiler piston back up O ring(P22X1.2)
- 1PC Lock nut O ring(P6x1.5)
- 1PC Air cylinder O ring(7DX2.5)
- 1PC Frame O ring(P12X2.4)
- 1PC Oil piston O ring (P22X3.5)
- 1PC Frame back up ring (P12x1.2)
- 1PC Blow Molded Case



Model No.	Rivet Capacity		Traction Power		Stroke Length		Net Weight		Air Inlet	Air Pressure		Avg-air Cons.	
	拉釘規格		拉力		行程		重量		進氣口	空氣壓力		平均耗氣量	
	Inch	mm	lb.f	kg.f	inch	mm	lb	kg	NPT(PT)	psi	bar	CFM	L/min
SA8805	3/32",1/8", 5/32",3/16"	2.4,3.2,4.0,4.8	2,299	1,045	0.63	16	3.3	1.5	1/4"	90	6.2	3.5	99
SA8806(V)	1/8", 5/32",3/16"	3.2,4.0,4.8	2,299	1,045	0.63	16	3.3	1.5	1/4"	78-85	5.5-6.0	3.5	99
SA8810	3/32",1/8", 5/32",3/16",1/4"	2.4,3.2,4.0,4.8,6.4	3,740	1,700	0.71	18	3.9	1.8	1/4"	85-92	6.0-6.5	3.5	99

Air Hydraulic Riveters (Aircraft Tools)

氣動油壓拉釘槍 - 航太工具



SA8814VE 3/32"~5/32"

Extented Air Hydraulic Riveter
w/ Vacuum Mandrel
Collection System

- Rivet capacity: 3/32" (2.4mm),
1/8" (3.2mm), 5/32" (4.0 mm)



SA8802V 1/8"~ 3/16"

In-Line Straight Air Riveter

- Nosepieces
1/8" (3.2 mm),
5/32" (4.0 mm),
3/16" (4.8 mm)



SA8866V 3/32"~3/16"

Air Hydraulic Riveter
w/ Vacuum Mandrel
Collection System

- Nosepiece: 3/32" (2.4mm),
1/8" (3.2 mm), 5/32" (4.0mm),
3/16" (4.8mm)
- Air Cons: 4CFM (113.2 L/min)



SA8864V 3/16"~ 5/16"

Air Hydraulic Riveter
w/ Vacuum Mandrel
Collection System

- Nosepiece: 3/16" (4.8mm),
1/4" (6.4mm), 5/16" (7.8mm)
- Air Cons.: 4CFM(113L/min)



SA8808 3/32"~1/4"

SA8808V w/ Vacuum Mandrel System

Air Hydraulic Riveter

- Nosepiece: 3/32" (2.4mm),
1/8" (3.2mm), 5/32" (4.0mm),
3/16" (4.8mm), 1/4" (6.4mm)



SA8821V 3/32"~3/16"

Composite Air Hydraulic
Blind Riveter
w/ Vacuum Mandrel
Collection System

- For Setting Standard Blind Rivets
2.4~4.8mm (3/32"~3/16")
In All Materials
- Nosepieces: 3/32"(2.4mm),
1/8" (3.2mm), 5/32" (4.0mm),
3/16" (4.8mm)



Model No.	Rivet Capacity		Traction Power		Stroke Length		Net Weight		Air Inlet	Air Pressure	
	拉釘規格		拉力		行程		重量		進氣口	空氣壓力	
	Inch	mm	lb.f	kg.f	inch	mm	lb	kg	NPT(PT)	psi	bar
SA8814VE	3/32", 1/8", 5/32"	2.4, 3.2, 4.0	1,300	600	0.63	16	2.65	1.2	1/4"	85-110	5.9-7.6
SA8802V	1/8", 5/32", 3/16"	3.2, 4.0, 4.8	2,000	900	0.63	16	3.53	1.6	1/4"	90	6.2
SA8866V	3/32", 1/8", 5/32", 3/16"	2.4, 3.2, 4.0, 4.8	2,100	953	0.59	15	3.31	1.5	1/4"	85-95	6.0-6.7
SA8864V	3/16", 1/4", 5/16"	4.8, 6.4, 7.8	3,800	1,723	22.5	0.88	4.19	1.9	1/4"	85-95	6.0-6.7
SA8808(V)	3/32", 1/8", 5/32", 3/16", 1/4"	2.4, 3.2, 4.0, 4.8, 6.4	3,526	1,603	0.55	14	3.97	1.8	1/4"	85-92	6.0-6.5
SA8821V	3/32", 1/8", 5/32", 3/16"	2.4, 3.2, 4.0, 4.8	2,400	1,091	0.77	20	4.19	1.9	1/4"	90	6.2

Air Hydraulic Riveters & Lock Bolt Tools (Kits) (Aircraft Tools)

氣動油壓拉釘槍 & 哈克槍 (套組) - 航太工具

SA8922 Metric Size(M4-M12) SA8922SAE Inch Size(#8-32~#1/2"-13)

Air Hydraulic Riveting Nut Tool

- Rivet Nut Setting capacity:
M4 (#8-32),
M5 (#10-24 or #10-32),
M6 (1/4"-20), M8 (5/16"-18),
M10 (3/8"-16), M12 (1/2"-13)
- Large Power & Front Inlet
- Air Cons.: 4CFM(113L/min)



SA8813 3/16" & 1/4" Air Hydraulic Bolt Riveter

- Rivet capacity: 1/4"-20 (6.4mm)
- Nosepiece:
3/16"(4.8mm), 1/4" (6.4mm)
Monobolts and T-Rivets



SA8880 1/4" (4,480 lb.f) SA8881 1/4" (5,600 lb.f)

Air Hydraulic Lockbolt Tool w/ Nose Head Assembly

- Riveting Capacity: 4.8mm(3/16") -
6.4mm(1/4") For **SA8880**
4.8mm(3/16") For **SA8881**



Optional Accessories

Model No.	Rivet Capacity		Hydraulic Lockbolt Nose
	Inch	mm	
SA8880-1	1/4	6.4	Huck C6L Nose
SA8880-2	3/16	4.8	Huck C6L Nose
SA8880-3	1/4	6.4	Huck Magna-grip Nose
SA8880-4	3/16	4.8	Huck Magna-grip Nose
SA8881-1	1/4	6.4	Huck C6L Nose
SA8881-2	3/16	4.8	Huck C6L Nose
SA8881-3	1/4	6.4	Huck Magna-grip Nose
SA8881-4	3/16	4.8	Huck Magna-grip Nose

SA8945K Air Hydraulic Lockbolt Tool Kit (7 PCS)

- Using for HUCK C6L Fasteners & AVDEL Avdelok.
- Option application for HUCK Magna-Grip & AVDEL Maxlok.
- 3 piece of ultra jaw for durability.
- 250° Swivel Air Inlet For Great Maneuverability Of The Tool.
- Rubber Cushion For Impact Resistance and Well Protection.

Contents

- 1PC SA8945
- 1PC Hex. Wrench
- 1PC Hanging Ring
- 1PC Safety Cap
- 1PC Huck Lockbolt Nose Head -- Selected 1 from 5:
TE18290: 1/4" for HUCK C6L fastener AVDEL Avdelok
TE18290MA: 1/4" for HUCK Magna-Grip AVDEL Maxlok
T18190: 3/16" for HUCK C6L fastener AVDEL Avdelok
TE18190MA: 3/16" for HUCK Magna-Grip AVDEL Maxlok
T11790 : Blind Rivet Nose
- 1PC Wrench 14/19
- 1PC Blow Molded Case

Cylinder Diameter 4" (100 mm)

Huck C6L AVDEL Avdelok	Huck Magna-Grip AVDEL Maxlok



Model No.	Rivet Capacity		Traction Power		Stroke Length		Net Weight		Air Inlet		Air Pressure	
	拉釘規格		拉力		行程		重量		進氣口		空氣壓力	
	Inch	mm	lb.f	kg.f	inch	mm	lb	kg	NPT(PT)	psi	bar	
SA8922(SAE)	M4 , M5, M6 , M8 , M10 , M12		6,000	2,724	0.27	7	5.07	2.3	1/4"	85-95	6.0-6.7	
SA8813	3/16", 1/4"	4.8, 6.4	3,841	1,745	0.71	18	3.9	1.8	1/4"	85-92	6.0-6.5	
SA8880	1/4"	6.4	4,480	2,033	0.94	24.0	3.75	1.7	1/4"	70-95	4.9-6.7	
SA8881			5,600	2,539	0.77	19.5	3.97	1.8				
SA8945	1/4"	6.4	5,500	2,500	0.91	23.0	7.72	3.5	1/4"	90	6.2	

Aircraft Tool Accessories

航太工具配件

SA9007A

Grease Gun Injection Head
w/ Long 4" Steel Tip
w/o Golden Elite Lubricant



Aircraft



Sample
View



EG809

Air Engine Cleaning Gun
w/ 4FT Suction Hose



Aircraft



RA-A Series

Rubber Air Hose
w/ 1/4" Male Fitting



Aircraft



ACC-10

Spark Plug Cleaner



Aircraft



BG306A-2

Air Blow Gun
w/ 2Pcs Nozzle



Aircraft



WG904K

Air Vacuum Suction/ Blow Gun Kit

- Air Inlet: 1/4"
- Air Pressure: 90 psi



Aircraft



WG906G

One-Touch Vacuum Aluminum
Air Suction/ Blow Gun Kit



Aircraft

- Gun body Weight : 0.8kgs (1.76 lbs)
- Length: 145 mm (Gun body)
- Suction: 9 cmHg (with dust bag)
- Ave. Air Consumption: 3.36 CFM
- Min. Hose Size: 5/16"
- Air Pressure: 90-435 psi



Model No	Description
RA04225-A	6.0 mm (1/4") x 7.5 M (25 ft)
RA04250-A	6.0 mm (1/4") x 15 M (50 ft)
RA05325-A	9.5 mm (3/8") x 7.5 M (25 ft)
RA05350-A	9.5 mm (3/8") x 15 M (50 ft)

Aircraft Tool Accessories

航太工具配件



PAD-06K

2" Surface Sanding Disc Kit

Contents

- 1PC 2" Roll Lock Holder
- 4PCS 2" Roll Lock Surface Sanding Disc



PAD-07K

2" Surface Prep Kit

Contents

- 1PC 2" Roll Lock Holder
- 4PCS 2" Roll Lock Surface Pads



PAD-08K

3" Surface Prep Kit

Contents

- 1PC 3" Roll Lock Holder
- 4PCS 3" Roll Lock Surface Pads



PAD-09K

3" Surface Sanding Disc Kit

Contents

- 1PC 3" Roll Lock Holder
- 4PCS 3" Roll Lock Surface Sanding Disc



RR104 Thread 1/4"x20

RR104M Thread 6mm x1.0

1" Roll On Holder



RR154 Thread 1/4"x20

RR154M Thread 6mm x1.0

1-1/2" Roll On Holder



RR204 Thread 1/4"x20

RR204M Thread 6mm x1.0

2" Roll On Holder



RR304 Thread 1/4"x20

RR304M Thread 6mm x1.0

3" Roll On Holder



PAD-10 Thread 1/4"x20

PAD-10M Thread 6mm x1.0

2" Roll Lock Holder



PAD-11 Thread 1/4"x20

PAD-11M Thread 6mm x1.0

3" Roll Lock Holder



Removal Sanding Pad for Disc Holder

- Aluminum Oxide
- Yellow- Coarse
- Red-Medium
- Green-Fine



Model No.	Dia.	R.P.M	
C1513	1-1/2"	30,000	Coarse
C1523			Medium
C1533			Fine
C2013	2"	30,000	Coarse
C2023			Medium
C2033			Fine
C3013	3"	20,000	Coarse
C3023			Medium
C3033			Fine

Abrasive Disc for Rollon Holder

- AA series
- Aluminum Oxide



Model No.	Dia.	R.P.M	
AA153-100	1-1/2"	30,000	Grit: #100 Also Available Grit #24, 40, 60, 80, 120, 150, 180
AA203-100	2"	30,000	
AA303-100	3"	25,000	

ACC-16 32 Teeth

Saw Blade Set (5PCS)
w/ Hole



ACC-17 24 Teeth

Saw Blade Set (5PCS)
w/ Hole



ACC-18 18 Teeth

Saw Blade Set (5PCS)
w/ Hole



Aircraft Tool Accessories

航太工具配件



ACC-11
ACC-11A (USA)
Brass Air Regulator



ACC-11T
Brass Air Regulator



ACC-02 1/4"
Mini Oiler



MM2020 1/4"
Coupler

- 1/4" NPT
- Material: Brass



ACC-12 1/4"
Swivel Connector



ACC-13 1/4"
Swivel Connector
w/ Regulator



ACC-104CKS
ACC-104CKL
4 Way Chuck Key



ACC-121 1/4"
Swivel Connector



ACC-65N 1/4"
Swivel Connector



ACC-KGA
Key Chuck (L Shape)

- Key Teeth: 11
- Pilot Size: 6.1mm
- Chuck Capacity: 3/8"



ACC-14 1/4"
Swivel Connector



ACC-15 1/4"
Swivel Connector
w/ Air Regulator



ACC-K Series (S2)
Key Chuck (T Shape)



ACC-86-2
3 Way Connector
w/ Blister

- 1/4" Female Threads on Back Side & Three 1/4" NPT Female Threads on Front Side Customize Card



ACC-86-2K
3 Way Connector Kit (5pcs)

- Contents**
- 1PC 3 Way Connector (**ACC-86-2**)
 - 3PCS Brass Male Couplers (**MC20M**)
 - 1PC Brass Male Plugs (**MP20M**)



Model No.	Key Teeth	Pilot Size	Chuck Capacity
	-	mm	Inch
ACC-K1	11	4.0	1/4
ACC-K2	11	6.3	3/8
ACC-K3	11	8.0	5/8
ACC-K4	12	9.5	3/4
ACC-K7	11	5.5	3/8
ACC-K30	10	6.0	1/2
ACC-K32	10	6.3	1/2
ACC-KG	11	6.1	3/8
ACC-KK	10	7.0	1/2
ACC-S2	12	6.0	1/2

Aircraft Tool Accessories

航太工具配件



ACC-04 3/8" (10mm) Key Chuck

- Spindle Thread: 3/8"-24



ACC-05 1/2" (13mm) Key Chuck

- Spindle Thread: 3/8"-24



ACC-47Y 1/4" ACC-48Y 3/8" YUKIWA Key Chuck

- Spindle Thread: 3/8"-24



ACC-09 1/2" (13mm) Steel Keyless Chuck

- Spindle Thread: 1/2-20 UNF



Couplers & Plugs

Nitto Type

Coupler



SM Series (Male)



SF Series (Female)



SH Series (Hose)



SP Series (PU Hose)

One Touch Coupler



SMO Series (Male)



SFO Series (Female)



SHO Series (Hose)



SPO Series (PU Hose)

Plug



PM Series (Male)



PF Series (Female)



PH Series (Hose)



PP Series (PU Hose)

Model No	Discription	Size	Material	
20SM	Male	1/4"	Steel	Coupler
30SM		3/8"		
40SM		1/2"		
20SF		1/4"		
30SF	Female	3/8"	Steel	Coupler
40SF		1/2"		
20SMO		1/4"		
30SMO	Male	3/8"	Steel	One Touch Coupler
40SMO		1/2"		
20SFO		1/4"		
30SFO	Female	3/8"	Steel	One Touch Coupler
40SFO		1/2"		
20PM	Male	1/4"	Steel	Plug
30PM		3/8"		
40PM		1/2"		
20PF		1/4"		
30PF	Female	3/8"	Steel	Plug
40PF		1/2"		

Model No	Discription	Size	Material	
20SH	Hose	1/4"	Steel	Coupler
25SH		5/16"		
30SH		3/8"		
40SH		1/2"		
20SP	PU Hose	5x8	Steel	Coupler
30SP		6.5x10		
40SP		8x12		
45SP		8.5x12.5		
20SHO	Hose	1/4"	Steel	One Touch Coupler
25SHO		5/16"		
30SHO		3/8"		
40SHO		1/2"		
20SPO	PU Hose	5x8	Steel	One Touch Coupler
30SPO		6.5x10		
40SPO		8x12		
45SPO		8.5x12.5		
20PH	Hose	1/4"	Steel	Plug
25PH		5/16"		
30PH		3/8"		
40PH		1/2"		
20PP	PU Hose	5x8	Steel	Plug
30PP		6.5x10		
40PP		8x12		
45PP		8.5x12.5		



Couplers & Plugs

Orion Type



OC-M Series
(Male)



OC-F Series
(Female)



OC-H Series
(Hose)

Model No.	Disc.	Size	Material	
OC20M	Male	1/4"	Brass	Coupler
OC30M		3/8"		
OC40M		1/2"		
OC20F	Female	1/4"	Brass	Coupler
OC30F		3/8"		
OC40F		1/2"		
OC20H	Hose	1/4"	Brass	Coupler
OC25H		5/16"		
OC30H		3/8"		
OC40H		1/2"		



OP-M Series
(Male)



OP-F Series
(Female)



OP-H Series
(Hose)



OP-P Series
(PU Hose)

Model No.	Disc.	Size	Material	
OP20M	Male	1/4"	Brass/ Plating Siler	Plug
OP30M		3/8"		
OP40M		1/2"		
OP20F	Female	1/4"	Brass/ Plating Siler	Plug
OP30F		3/8"		
OP40F		1/2"		
OP20H	Hose	1/4"	Brass/ Plating Siler	Plug
OP25H		5/16"		
OP30H		3/8"		
OP40H	PU Hose	1/2"	Brass/ Plating Siler	Plug
OP20P		5x8		
OP30P		6.5x10		
OP40P		8x12		

Couplers & Plugs

Milton Type



MC-M Series
(Male)



MC-F Series
(Female)



MC-H Series
(Hose)



MP-M Series
(Male)



MP-F Series
(Female)



MP-H Series
(Hose)

Model No.	Disc.	Size	Material	
MC20M	Male	1/4"	Brass	Coupler
MC30M		3/8"		
MC40M		1/2"		
MC20F	Female	1/4"	Brass	Coupler
MC30F		3/8"		
MC40F		1/2"		
MC20H	Hose	1/4"	Brass	Coupler
MC25H		5/16"		
MC30H		3/8"		
MC40H		1/2"		

Model No.	Disc.	Size	Material	
MP20M	Male	1/4"	Brass/ Plating Siler	Plug
MP30M		3/8"		
MP40M		1/2"		
MP20F	Female	1/4"	Brass/ Plating Siler	Plug
MP30F		3/8"		
MP40F		1/2"		
MP20H	Hose	1/4"	Brass/ Plating Siler	Plug
MP25H		5/16"		
MP30H		3/8"		
MP40H		1/2"		

Carbide Rotary Burrs (Aircraft Tools)

旋轉銼 - 航太工具



RB-14BF323 1/4" Shank, Cutter Dia. 1/2"
RB-06BF177 6mm Shank, Cutter Dia. 12.7mm

Carbide Rotary Burrs-
Arch Ball Nose (Double Cut)

• Coating: Uncoated



RB-14BG308 1/4" Shank, Cutter Dia. 1/2"
RB-06BG409 6mm Shank, Cutter Dia. 12.7mm

Carbide Rotary Burrs-
Arch Pointed Nose (Double Cut)

• Coating: Uncoated



RB-14BK316 1/4" Shank, Cutter Dia. 3/8"
RB-14BK346 1/4" Shank, Cutter Dia. 5/8"
RB-06BK160 6mm Shank, Cutter Dia. 10mm
RB-06BK235 6mm Shank, Cutter Dia. 16mm

Carbide Rotary Burrs-
Conical Ball Nose (Double Cut)

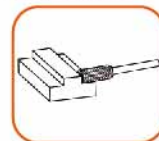
• Coating: Uncoated



RB-14BB465 1/4" Shank, Cutter Dia. 1/2"
RB-14BB429 1/4" Shank, Cutter Dia. 5/16"
RB-14BB459 1/4" Shank, Cutter Dia. 7/16"
RB-14BB483 1/4" Shank, Cutter Dia. 5/8"
RB-14BB619 1/4" Shank, Cutter Dia. 1"
RB-06BB141 6mm Shank, Cutter Dia. 6mm
RB-06BB207 6mm Shank, Cutter Dia. 8mm
RB-06BB267 6mm Shank, Cutter Dia. 11mm
RB-06BB297 6mm Shank, Cutter Dia. 12.7mm
RB-06BB309 6mm Shank, Cutter Dia. 16mm
RB-06BB333 6mm Shank, Cutter Dia. 25mm

Carbide Rotary Burrs-
Cylindrical w/ End Cut
(Double Cut)

• Coating: Uncoated



RB-14BC458 1/4" Shank, Cutter Dia. 1/2"
RB-06BC616 6mm Shank, Cutter Dia. 6mm
RB-06BC252 6mm Shank, Cutter Dia. 10mm
RB-06BC297 6mm Shank, Cutter Dia. 12.7mm

Carbide Rotary Burrs-
Cylindrical Ball Nose
(Double Cut)

• Coating: Uncoated



RB-14BM234 1/4" Shank, Cutter Dia. 3/4"
RB-06BM123 6mm Shank, Cutter Dia. 19mm

Carbide Rotary Burrs-
Inverted Cone (Double Cut)

• Coating: Uncoated



RB-14BD264 1/4" Shank, Cutter Dia. 1/4"
RB-14BD300 1/4" Shank, Cutter Dia. 3/8"
RB-14BD324 1/4" Shank, Cutter Dia. 1/2"
RB-06BD058 6mm Shank, Cutter Dia. 6mm
RB-06BD132 6mm Shank, Cutter Dia. 10mm
RB-06BD186 6mm Shank, Cutter Dia. 12.7mm

Carbide Rotary Burrs-
Ball (Double Cut)

• Coating: Uncoated



RB-148K-3 8 pcs
 1/4" Shank Carbide Burr Set
 (Double Cut)

Contents:

- 1PC (Cutter) Dia. 1/2", Length: 1", 1/4" Shank, Overall Length: 3"
- 1PC (Cutter) Dia. 3/8", Length: 3/4", 1/4" Shank, Overall Length: 2-3/4"
- 1PC (Cutter) Dia. 3/8", Length: 3/4", 1/4" Shank, Overall Length: 2-3/4"
- 1PC (Cutter) Dia. 1/4", Length: 3/4", 1/4" Shank, Overall Length: 2"
- 1PC (Cutter) Dia. 1/4", Length: 7/32", 1/4" Shank, Overall Length: 2"
- 1PC (Cutter) Dia. 3/8", Length: 5/16", 1/4" Shank, Overall Length: 2-5/16"
- 1PC (Cutter) Dia. 3/8", Length: 3/4", 1/4" Shank, Overall Length: 2-3/4"
- 1PC (Cutter) Dia. 1/2", Length: 1", 1/4" Shank, Overall Length: 3"



RB-1820K 20 pcs
 1/8" Shank Diamond Rotary File Set

• Overall Length: 150mm



Optional Type

類型

- Cylindrical Plain End
- Oval • Flame • 60° Cone
- 90° Cone • Conical Pointed Nose

Optional Flute Styles

齒型

- Alumina Cut • Inox Cut • Steel Cut
- Fine Finishing Cut • Difficult Conditions Cut
- Cast Iron Cut • Diamond Cut • Coarse Cut
- Single Cut • Chipbreaker Cut • Fine Cut

Optional Coating

塗層

- TiAlN • TiN/SiN • TiSiN
- BlueNACO
- DLC (Special for aluminium cut)

Pliers

鉗子



ACT-P0601 6" (150mm)
ACT-RP0601 Forward / Reversible
Safety-Wire Pliers



- Material: Chrome Vanadium Steel
- Capacity of Curled: 0.55 - 0.8 mm
- Length:
 - ACT-P0601: 215 mm
 - ACT-RP0601: 235 mm



ACT-P0901 9" (228mm)
ACT-RP0901 Forward / Reversible
Safety-Wire Pliers



- Material: Chrome Vanadium Steel
- Capacity of Curled: 0.55 - 0.8 mm
- Length:
 - ACT-P0901: 265 mm
 - ACT-RP0901: 285 mm



PL05 12" (295mm)
**Double Pivot
 Diagonal Plier**



- Material: Carbon
- L: 295 mm



PL09 13" (340mm)
**Long Nose
 Double Pivot Plier**



- Material: Carbon
- L: 340mm



PL11 13" (340mm)
**45° Double
 Bent Nose Plier**



- Material: Carbon
- L: 340 mm



LNP04 0° Jaw Angle
BNP08 45° Jaw Angle
BNP09 90° Jaw Angle
**11" (275mm) Long Reach Nose Pliers
 w/o Cross Serration**

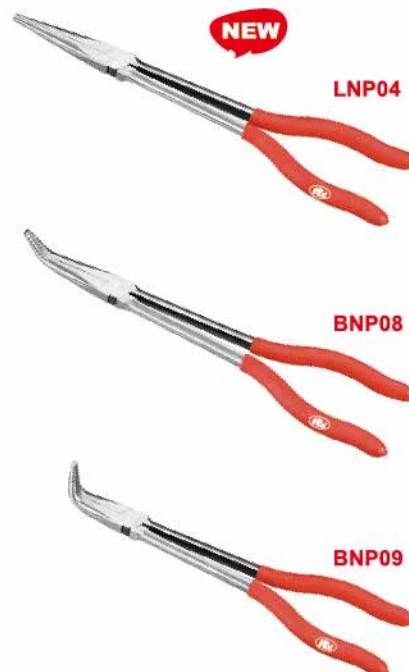


Features

- Hot forged by CR-MO. Made to last.
- Mostly used in the automotive and machinery industry.

Specification

- Length: 11" (275mm)
- Jaw Angle:
 - LNP04: 0°
 - BNP08: 45°
 - BNP09: 90°
- Material: CR-MO
- Handle: PVC Dip.
- Cross Serration: Optional
- Weight: 310g



Pliers

鉗子



P35-180 7"(180mm)
P28-250C 10"(250mm)
P36-300 12"(300mm)



Pliers

- Material: CR-V 6140
- Front End Material:
Precision Casting 4140 ; Hardness: 45±2
- Body Hardness Approx: HRC38-48
- Cutting Edge Hardness Approx: HRC58-62
- Handle: Dipped Grips Handle
- Surface Treatment: Chrome Plated Finish

NEW



PL-3K
3PCS Pliers

Contents

- 1PC P35-180
- 1PC P28-250C
- 1PC P36-300

P25-5 5" (125mm)
P25-7 7" (180mm)
P25-10 10" (250mm)



Self-Adjusting Pliers

Features

- Jaws auto-adjust with one hand operation.
- Layered steel construction for added strength.
- Non-slip shaped cushioned grips for comfort.

Specification

- Size:
- P25-5: 1" Opening aperture.
- P25-7: 1-5/8" Opening aperture.
- P25-10: 2-3/8" Opening aperture.
- HRC: 45-50

NEW



P29-250 10" (250mm)
Push Button Water Pump Plier
w/ Plastic Caps



Specification

- Length: 10" (250mm)
- Surface Finish: Black Oxide Finish
- Handle:
With Single Matt Red Dipped Handle
- Plastic Cap: Red Color

NEW



P34-240 9.5" (240mm)
Box Joint Water Pump Plier



- Material: CR-V 6140
- Body Hardness Approx: HRC38-48
- Cutting Edge Hardness Approx: HRC58-62
- Handle: Dipped Grips Handle
- Surface Treatment: Phosphate Finish & Normal Polished Finish.

NEW



WP-RA Series
Rapid Adjustment Water Pump Pliers



Features

- Induction hardened jaws up to 55 HRC. High wear resistance.
- Machined parts with 16 smooth position adjustments.
- Grip tie by squeezing lower jaw handle.
One hand wrenching.
- Pinch proof design.



Press the Push button for smooth position adjustments

Specification

- Material: K7
- Handle: PVC Dip.

NEW



ITEM NO.	Length		Jaw Capacity	Adjustment	Weight
	Inch	mm	mm	Position	g
WP-07RA	7"	180	Ø42	22	150
WP-10RA	10"	250	Ø50	19	300
WP-12RA	12"	300	Ø70	26	465

Pliers & Cutters

鉗子 & 切割鉗



P31-241 Rivet Cutter



Specification

- Material:
 - Handle: Medium Carbon Steel
 - Housing: CR-V
- Surface:
 - Handle: Electrophoretic
 - Housing: Phosphate
- Handle Color: Red
- Length: 9-1/2" (241mm)
- Application:
 - Cut Aluminum Rivets Suitable For 1/4" to 3/4" Long Rivets In 1/16" Increases
 - Cutting Diameter: 3/32", 1/8", 5/32", 3/16", 7/32" & 1/4"



P33 Cleco Plier



Specification

- Material: FCD45 Iron Casting
- Surface Treatment: Nickel Plating, Black Grip
- Application: For Aircraft Use. Install And Remove Or For All Sheet Metal Cleco Spring Fasteners Or Clamps.



P20-RB Internal/ External Snap Ring Pliers



Features

- Operates both internal & external rings.
- Unique jaw design to easily remove for straight and 90 degree angle tips.
- Alloy steel and PVC grip W/storage for tips.

Specification

- Include 3 pairs tips and hex key for storage:
 - 1set straight tips for 1.2 & 1.8 mm
 - 2set 90 degree tips for 1.2 & 1.8 mm
- Plier Size:
 - Overall Length: 8"
 - Width: 5"
 - Thickness: 23 mm



DC-5MLW 5" (125mm) Midget Light Weight Diagonal Cutter



Specification

- Material: SK7
- Blade Hardness: 49-51 HRC
- Copper Wire: Within 1.3mm
- Blade Thickness: 2.5mm



DP-58FN 8" (200 mm) Duck Bill Plier-Flat Nose



Specification

- Length: 8" (200mm)
- Weight: 235g
- Handle Material: PVC



ABT-00073 Hand Nibbler



Specification

- Hardness: 52-55 HRC
- Material of Blade: SK5
- Cutting Capacity:
 - Copper (Soft): 1.20mm
 - Cold-Rolled Steel (Mid): 1.0mm
 - Hard Steel HRC 35 (Hard): 0.7mm
 - Stainless Steel 304: 0.6mm
- Plastic: 3mm
- Branch: Ø4mm
- Iron Net: Ø3mm



P05-822 8" (200mm) Heavy Duty Diagonal Cutting Pliers



Specification

- Material: CR-V
- Body Hardness Approx: HRC38-48
- Handle: Dipped Grips Handle
- Normal Polished Finish



Locking Pliers

固定鉗



LP-LN / LP-SJ / LP-CC / LP-SM Series

American (European) Type Steel Jaw



European Type



ITEM NO.		Long Nose Jaw Locking Plier	Size
American Type	European Type		
LP-LN0005	LP-LN0005E	Head Material: #9254 Special Spring Steel (Hardness: Above HRC50 Degree); Handle Material: #4130 CR-MO	9" / 225 mm
LP-LN0004	LP-LN0004E		6" / 150 mm



ITEM NO.		Straight Jaw Locking Plier	Size
American Type	European Type		
LP-SJ0004	LP-SJ0004E	Head Material: #9254 Special Spring Steel (Hardness: Above HRC50 Degree); Handle Material: #4130 CR-MO	10" / 250 mm
LP-SJ0003	LP-SJ0003E		7" / 175 mm



ITEM NO.		The Locking C-Clamps-Description	Size
American Type	European Type		
LP-CC0010	LP-CC0010E	Head Material: #4130; Handle Material: #4130 CR-MO	18" / 460 mm
LP-CC0012	LP-CC0012E		11" / 275 mm
LP-CC0013	LP-CC0013E		6" / 150 mm



18" / 460mm



11" / 275mm

ITEM NO.		The Locking C-Clamps with Pads -Description	Size
American Type	European Type		
LP-CC0011	LP-CC0011E	Head Material: #4130; Handle Material: #4130 CR-MO	18" / 460 mm
LP-CC0014	LP-CC0014E		11" / 275 mm
LP-CC0015	LP-CC0015E		6" / 150 mm



18" / 460mm



11" / 275mm

ITEM NO.		Sheet Metal Grip -Description	Size
American Type	European Type		
LP-SM0002C	LP-SM0002CE	Head Material: #4130; Handle Material: #4130 CR-MO	8" / 205 mm



Locking Pliers , Aviation Tin Snips & Toggle Clamp

固定鉗、鐵皮剪 & 快速夾具



LP-CJA Series

Automatic Curved Jaw Locking Pliers



Features

- The automatic bending jaws automatically lock any size without adjustment.
- It's faster and easier than traditional locking pliers.
- Easy to squeeze the release lever, making it easier to release the pliers without damaging your knuckles.

Specification

- Material:
 - Jaw: Chrome Vanadium
 - Handle: Carbon Steel
- Surface: Nickel Plated Finish



PAT.: USA

ITEM NO.	Jaw Adjustment (Open)	Length
LP-CJ0007A	31 mm	6" (150 mm)
LP-CJ0004A	40 mm	7" (220 mm)
LP-CJ0005A	48 mm	10" (250 mm)

LP-LN0003A

Automatic Needle Nose Locking Plier



Features

- It's faster and easier than traditional locking pliers.
- The extended jaw rivet provides increased tip pressure at the same hand force.
- Has the same heavy construction as standard locking pliers.
- There are hundreds of uses for this tool; such as adjustable wrenches, pipe wrenches, pliers, wire cutters and portable vices.

Specification

- Material:
 - Jaw: Chrome Vanadium
 - Handle: Carbon Steel
- Surface: Nickel Plated Finish



PAT.: USA

ITEM NO.	Jaw Adjustment (Open)	Length
LP-LN0003A	51 mm	7" (175 mm)

ATS-L3

Cuts Left From Tight Curves To Straight



ATS-R3

Cuts Right From Tight Curves To Straight



ATS-S2

Cuts Straight And Wide Curves To The Left Or Right



TC-0001

TC-0001K 3PCS Set Toggle Clamp



Features

- Quick Release Type.
- Can Remove Rubber Pads On Each Screw.
- Can Use Easily Than The General C-Clamps.

Specification

- Reach: 1-1/4"
- Gap: 1"



NEW

Torque Wrenches

扭力扳手



STW Series STW Series

For Metric
For SAE

Industrial Torque Wrench



Features

- Industrial application.
- Wide range of choice.
- Easy torque-adjusting design brings energy-saving benefit.
- Applied to both clockwise and counterclockwise directions.

Specification

- Surface: Polish Finish
- Material: Steel
- Accuracy: $\pm 3\%$
- Quality meets DIN ISO 6789 & ASME B107.300-2010.



Renewal Kit:
02761DK
03161DK
03761DK
04761DK
06761DK
08761DK



ITEM NO.	Square Driver	Teeth	Torque Range			Graduation	Length	Weight
			Nm	ft-lb	in-lb		mm	g
For Metric								
STW20-269-1F	1/4"	64	1-6	-	11.1-50.9	0.05	210	300
STW20-269-2F	1/4"	64	3-15	-	31-128	0.1	210	300
STW20-269-3F	1/4"	64	5-25	-	53-212	0.2	248	340
STW20-369-16	3/8"	64	1-6	-	11.1-50.9	0.05	210	300
STW20-369-26	3/8"	64	3-15	-	31-128	0.1	210	300
STW20-369-36	3/8"	64	5-25	-	53-212	0.2	248	340
STW20-369-1F	3/8"	32	10-60	9.2-42.4	-	0.5	370	840
STW20-369-2F	3/8"	32	20-100	16.6-71.9	-	0.5	433	1020
STW19-469-8F	1/2"	32	20-100	16.6-71.9	-	0.5	433	1020
STW19-469-1F	1/2"	32	40-200	33-144	-	1.0	530	1650
STW19-469-2F	1/2"	32	60-340	52-243	-	2.0	610	1800
STW19-469-3F	1/2"	32	50-350	44-251	-	2.0	610	1800
STW19-469-4F	1/2"	32	80-400	66-288	-	2.0	610	1800
STW19-469-5F	1/2"	32	60-420	52-302	-	2.0	610	1800
For SAE								
STW20-269-1C	1/4"	64	-	10-60	1.4-6.5	0.5	210	300
STW20-269-2C	1/4"	64	-	30-150	4-16.4	1.0	210	300
STW20-269-3C	1/4"	64	-	50-250	6.8-27.1	2.0	248	340
STW20-369-13	3/8"	64	-	10-60	1.4-6.5	0.5	210	300
STW20-369-23	3/8"	64	-	30-150	4-16.4	1.0	210	300
STW20-369-33	3/8"	64	-	50-250	6.8-27.1	2.0	248	340
STW20-369-1C	3/8"	32	10-80	-	17-105.1	0.5	433	1020
STW20-369-1N	3/8"	32	15-80	-	27.3-105.1	0.5	433	1020
STW20-369-2C	3/8"	32	20-100	-	33.9-128.8	1.0	433	1020
STW19-469-8C	1/2"	32	20-100	-	33.9-128.8	1.0	433	1020
STW19-469-1C	1/2"	32	20-150	-	34-197	1.0	530	1020
STW19-469-2C	1/2"	32	30-250	-	48-332	1.0	610	1650

Torque Wrenches & Torque Multiplier

扭力扳手 & 培力器

STW87 Series

Lightweight Torque Wrench w/o Quick Release Design



Features

- 1) Output Square Driver: Chromium - molybdenum alloy steel brings better strength, toughness, stability and life cycle.
- 2) Multi-lever mechanism: Integrated 3-lever chain mechanism brings length independence, greater sensitivity, high accuracy and a long-life cycle. For the main body, we use the high intensity aluminum alloy. The weight of Aluminum is extremely lighter than steel, good for long-time operation and heavy industry. Chrome-plating finish strengthens the material hardness & anti-collision.
- 3) Scales: Dual-scales window of torque measurement (N.m. & Ft-lb).
- 4) Handle: Nice-to-hold handgrip enables safe work and less operator fatigue.
- 5) Energy saving torque-adjusting design: Quick pull out and easy adjustment with unique crank. It is suitable for heavy, aerospace industry, wind power industry and automation industries.



NEW

ITEM NO.	Square Driver	Torque Range		Graduation	Length mm	Type	Weight g
		Nm	lbf.ft				
STW87-417-1F	1/2"	20-120	15-90	5	475	Normal Type	1240
STW87-417-2F	1/2"	40-200	30-150	5	563	Normal Type	1500
STW87-417-3F	1/2"	50-300	35-220	5	625	Normal Type	1650
STW87-617-2F	3/4"	110-550	80-400	10	827	Normal Type	3000
STW87-617-3F	3/4"	140-760	100-560	10	827	Normal Type	3000

STW Series

Mini Torque Multiplier

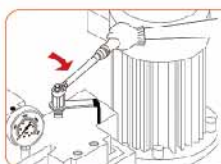
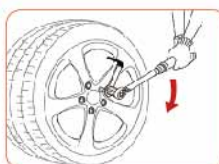


Features

- Suitable for motorcycle wheel fixings, engine pulley bolts, drive flange bolts etc.
- The material is CR-V alloy steel brings better stability and reliability.
- The mechanism device is patented.
- The movable reaction handle is suit for different working place.
- Rubber covered reaction bar for wheel protection.

Specification

- Material:
 - Input Square(F): CR-V alloy steel
 - Output Square(M): CR-V alloy steel
 - Main body: Chrome molybdenum alloy steel
- Accuracy tolerance: $\pm 5\%$



ITEM NO.	Torque Range		Ratio	Input Sq. Inch	Output Sq. Inch	Weight g	Case CTN
	Nm	ft-lb					
STW-353-02	300	221	3.4:1	3/8"	3/8"	710	24
STW-354-01	450	332	3.4:1	3/8"	1/2"	710	24
STW-454-01	600	443	3.4:1	1/2"	1/2"	1100	20
STW-456-02	800	590	3.4:1	1/2"	3/4"	1100	20
STW-456-03	1200	885	3.4:1	1/2"	3/4"	1130	20

Open Box & Combination Wrench Sets

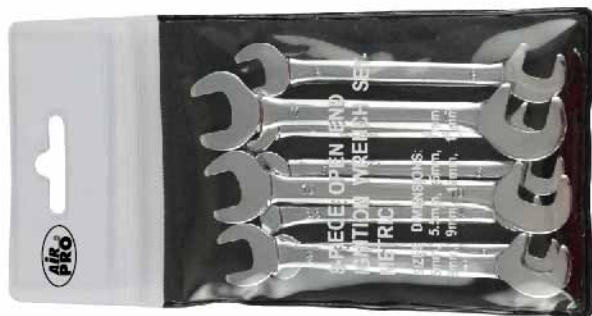
開口扳手 & 複合板手組



W710108S **MM**
W710208S **SAE**
Open End Ignition Wrench Set (8PCS)



- With 15° & 60° Angle On Both Ends.
- Mid Carbon Steel, Mirror Surface & Heat-Treated.



W720110S **MM**
W720210S **SAE**
Combination Mini Wrench Set (10PCS)



- Mid Carbon Steel, Mirror Surface, Heat-Treated.



Contents For **W710108S** (MM)
 • 8PCS Opening size are the same on both ends as below:
 5, 5.5, 6, 7, 8, 9, 10, 11 mm

Contents For **W710208S** (SAE)
 • 8PCS Opening size are the same on both ends as below:
 7/32", 15/64", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16"

Contents For **W720110S** (MM)
 • 10PCS Combination Mini Wrench:
 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11 mm

Contents For **W720210S** (SAE)
 • 10PCS Combination Mini Wrench: 3/16", 5/32",
 7/32", 15/64", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16"

W011 / W012 Series
Combination Wrench Set



- Din 3113 Chrome Vanadium



ITEM NO.	Size	Packing
	mm	
W01110S	6,7,8,10,12,13,14,15,17,19	10PCS/Pouch
W01112S	8,9,10,11,12,13,14,15,17,19,22,24	12PCS/Pouch
W01115S	6,7,8,10,11,12,13,14,15,17,18,19,22,24,27	15PCS/Pouch
W01125S	6,7,8,9,10,11,12,13,14,15,16,17,18,19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32	25PCS/Pouch

ITEM NO.	Size	Packing
	Inch	
W01209S	1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"	9PCS/Pouch
W01214S	3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"	14PCS/Pouch
W01216S	1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"	16PCS/Pouch

Torque Adapter , Wrench Sets & Ratchet Wrenches

扭力轉接器、扳手組 & 棘輪扳手



TA03DBP Series MM TA04DBP Series SAE

3/8" DR. Box End Torque
Adapter - 12PT

- Material: 40CR-V



WP11-10KM MM WP11-10K SAE

10PCS 3/8" DR. Crowfoot Wrench Set

- Material: SCM440
- Surface Treatment: Electroplating Polish



ITEM NO.	Size	L
	mm / Inch	mm
TA03DBP-10	10	67
TA03DBP-11	11	68
TA03DBP-12	12	69
TA03DBP-13	13	69
TA03DBP-14	14	70
TA03DBP-15	15	71
TA03DBP-16	16	71
TA03DBP-17	17	72
TA03DBP-18	18	72
TA03DBP-19	19	73
TA04DBP-516	5/16"	66
TA04DBP-38	3/8"	67
TA04DBP-716	7/16"	68

Contents

- For **WP11-10KM**:
10, 11, 13, 14, 15, 17, 19, 21, 22, 24mm
- For **WP11-10K**:
3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 7/8, 13/16", 1"



NEW

W10RPGDDU0813 15 In 1 W10RPGDDU1419 14 In 1

Finger Ratchet Wrench

Feature

- Handy and tiny design for working in the area hard to reach.
- Ratchet ring with spline gear work on 5 type of bolt: Spline, 6pt, 12pt, Star, Square.
- Fit both Metric and Inch size.

Specification

- Material: CR-V 6140, Drop forged steel
- Teeth: 72T
- Length: **W10RPGDDU0813**: 69 mm
W10RPGDDU1419: 93 mm
- Size:
W10RPGDDU0813: 8mm+5/16+E10+M10 & 10mm+3/8+E12+M12
11mm+7/16+E14+M14 & 13mm+1/2+M16
W10RPGDDU1419: 14mm+9/16+E18+M18 & 16mm+5/8+E20+M20
17mm+11/16+M22 & 19mm+3/4+E24



Spline Ratchet



72 Teeth



72 Teeth Ratchet Wrenches

72齒棘輪扳手



APG8MHL **MM**
APG8IH **SAE**
8PCS Ratchet Wrench Set



72 Teeth



ITEM NO.	Size
APG8MHL	8, 10, 12, 13, 14, 15, 17, 19 mm
APG8IH	5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"

W80 Series

12 Point, 72T Double Box Ratchet Wrench

- Chrome Vanadium Steel. • Finish: Mirror ; Hardness: 47 ±2
- 72T Gear Mechanism Design. • Meets Ansi And Din Standard.
- Just Needs 5° Swing For Each Movement.



72 Teeth



ITEM NO.	Size	Length
		mm
W8005507	7/32" x 9/32"	108
W8001040516	1/4" x 5/16"	108
W8003080716	3/8" x 7/16"	150
W8001020916	1/2" x 9/16"	190

W Series

12 Point, 72T Double Reversible Box Ratchet Wrench

- Chrome Vanadium Steel. • 72T Gear Mechanism Design.
- Just Needs 5° Swing For Each Movement.
- Meets Ansi And Din Standard.



72 Teeth



ITEM NO.	Size	Length
		mm
W05507	7/32" x 9/32"	108
W01040516	1/4" x 5/16"	108
W03080716	3/8" x 7/16"	150
W01020916	1/2" x 9/16"	190

W78LGM Series

72T Long Double Ratchet Wrench

- Chrome Vanadium Steel. • 72T Gear Mechanism Design.
- Just Needs 5° Swing For Each Movement.
- Meets Ansi And Din Standard.



72 Teeth



ITEM NO.	Size	Length
	Inch	mm
W78LGM0516	5/16"	235
W78LGM0308	3/8"	292

Screwdriver Sets

螺絲起子組



RS06-6K

6PCS 5 in 1 Exchangeable Ratcheting Screwdriver Set



- Bit Material: S2
- Bit Surface Treatment: Nickel
- Torque: 300 Kg.cm

Contents

- 1PC 72 Teeth Handle with 3-Way Function (Reverse/ Lock/ Forward)
- 3PCS H1/4" x 25 mmL Phillips: #1, #2, #3
- 2PCS H1/4" x 25 mm (L) Slotted: 4, 6 mm



RS05-7K

7PCS 12 in 1 Precision Screwdriver Set



- Material:
 - Handle: ABS + TPR
 - Bit: 8660 (SNCM)
 - Case: PS + ABS
- Bit Standard: (H)4 x (L)120 mm

Contents

- 1PC Slotted 1.5 x Phillips #00
- 1PC Slotted 2.5 x Phillips #0
- 1PC Slotted 3.0 x Phillips #1
- 1PC Torx T6 x Torx T9
- 1PC Hex. 1.5 x Torx T7
- 1PC Hex. 2.0 x Torx T8
- 1PC Two Color Precision Handle w/ Gearless Ratchet



RS01-10K

10PCS Stubby Mini Ratchet Screwdriver Set



NEW

- Material:
 - Screwdriver: 6140
 - Handle: TPE
 - Bit Holder: CR-V + Stainless Steel
 - Bit: S2
 - Holder: Bit Holder#12 / PE(Black)
- Surface Finish:
 - Screwdriver: Mirror Chrome
 - Bit: Sanding + Printing Ink



Contents

- 1PC Stubby Mini Ratchet Screwdriver
- 1PC 1/4" DR. x 65mmL Quick Release Bit Holder
- 8PCS 1/4" x 25mmL Bits
 - Hex: 4, 5, 6 mm (Yellow#102C)
 - Phillips: 1, 2, 3 mm (Red#187C)
 - Slotted: 4, 6 mm (Green#7738C)

RS03-8K

8PCS 90° Ratchet Screwdriver With Bit Set



NEW

- Material:
 - Screwdriver: 6140
 - Handle: TPE
 - Bit Holder: CR-V + Stainless Steel
 - Bit: S2
- Surface Finish:
 - Screwdriver: Mirror Chrome
 - Bit: Sanding + Printing Ink



Contents

- 1PC 45T 90° Ratchet Screwdriver
- 1PC 1/4" DR. x 140mmL Quick Release Bit Holder
- 6PCS 1/4" x 25mmL Bit
 - Phillips: 1, 2 (Red#187C)
 - Pozidriv: 1, 2 (Blue#2925C)
 - Slotted: 4, 6.5 (Green#7738C)



Punches & Wedge Tools

打孔器 & 楔形工具



BP8S

8PCS Brass Punch Set

- Length: 100mm (4")

Contents

- 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16"



NEW

ABT-00184K

3PCS Metal Skin Wedge Tool (Curved)

- Material: SCM440



NEW



TP02-1

Brass Taper Punch

- Length: 200mm (7-7/8")
- Hex Body: 5/8"
- Taper Point: 3/8"



NEW

ABT-00184

Metal Skin Wedge Tool (Curved)

- Slim radius taper end for optimum blend of strength and access.
- High strength thin tip (<0.0218") with very little deflection.



PP6S1

6PCS Pin Punch Set

- Length: 100mm (4")

Contents

- 3/32" x 6 (PP6S1-1), 1/8" x 8 (PP6S1-2), 5/32" x 8 (PP6S1-3), 3/16" x 10 (PP6S1-4), 1/4" x 10 (PP6S1-5), 5/16" x 12 (PP6S1-6)



NEW

AST-00006K

Power Punch Set

- A lightweight, high-powered Whitney-style hand punching tool designed for punching holes in all types of metals.
- Perfectly balanced with curved handles for a comfortable grip. Comes with a side gauge for precise depth adjustment (throat depth 2").
- Specially designed compound action and seven hardened cutting dies, making it easy to punch through thick metal.



NEW

Contents

- Sheet Metal Sizes: 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 9/32"
- Piercing Capability: Can pierce up to 14 gauge mild steel.



Deburring Tools

倒角工具



ACT-00089S w/ SUJ2
ACT-00089H w/ HSS
Deburring Tool w/ Blade

- Quick Replaceable
- Blade Material: SUJ2, H.S.S



NEW



ACT-00076S
Deburring Tool

- Material: SUJ2
- Handle: PP + TRP



ACT-00077H
Deburring Tool

- Material: H.S.S.
- Handle: PP + TRP
- Capacity: 4-18mm



ACT-00078H
Deburring Tool

- Material: H.S.S.
- Handle: PP + TRP
- Capacity: 1-20mm



ACT-00080S w/ SUJ2
ACT-00080H w/ HSS
Pen-Type Deburring Tool

- With Pocket Clip
- Material: SUJ2, H.S.S
- Handle: Aluminum Steel



ACT-00079SS w/ 2pcs SUJ2
ACT-00079HS w/ HSS & SUJ2
Deburring Tool

- Quick-Replaceable
- With One Spare Blade
- Material: SUJ2, H.S.S
- Handle: Aluminum Steel



Inspection Mirrors

檢視鏡



AGT-00331

Telescoping Inspection Mirror

- Length: 325-490mm
- Mirror Size: 51 x 89mm



NEW



AGT-00332

Telescoping Inspection Mirror

- Length: 290-460mm
- Mirror Dia: 57mm



NEW



AGT-00333

8LBS Telescoping Magnetic Pick-Up Tools

- Length: 170-780mm
- Magnetic: 8LBS



NEW



AGT-00346DA

AGT-00346DB

AGT-00346DC

Round-30mm

Round-40mm

Oval-30x45mm



Super Bright Telescope Inspection Mirror w/ Cushion Grip

- Equipped with Japan NICHIA White LED up to 44,000 mcd brightness.
- C-clip for mirror quick attach to different or multiple working environment use.
- On/off design is user friendly.
- Telescope extends up to 664mm (26-1/8")
- By 3PCS Button Cells.
- Inspection Mirror Size:
 - AGT-00346DA: Round-30mm
 - AGT-00346DB: Round-40mm
 - AGT-00346DC: Oval-30x45mm



NEW



AGT-00347DA

AGT-00347DB

AGT-00347DC

Round-30mm

Round-40mm

Oval-30x45mm



Super Bright Telescope Inspection Mirror

- Equipped with Japan NICHIA White LED up to 44,000 mcd brightness.
- C-clip for mirror quick attach to different or multiple working environment use.
- On/off design is user friendly.
- Telescope extends up to 664mm (26-1/8")
- Operated By 3PCS Button Cells.
- Inspection Mirror Size:
 - AGT-00347DA: Round-30mm
 - AGT-00347DB: Round-40mm
 - AGT-00347DC: Oval-30x45mm



NEW



Inspection Mirrors , Flexible Claw Pick-Up Tool & Feeler Gauge

檢視鏡、彈性爪式拾取工具 & 塞尺

AGT-00321A Oval Mirror AGT-00321B Round Mirror 3 in 1 Telescopic Search Mirror



Features

- Features combination of inspection through clear mirror, retriever by 1 lb. magnetic holding force and pointed head as scribe in one tool.
- Remove the top cap and the tip can be used either as a scribe for marking when drawing lines or as a car windshield spray nozzle cleaner.
- All angle swivels allow to easily reaching under machinery or in hard to reach places.
- Easy to carry it with pocket clip.

Specification

- Mirror Size:
AGT-00321A:
Oval Mirror 30x45 Stainless Steel
(1-3/16" x 1-3/4")
AGT-00321B:
Round Mirror 24-3x mm (15/16")
- Overall Length:
AGT-00321A: 695mm (27-3/8")
AGT-00321B: 674mm (26-1/2")



AGT-00322 Quality Flexible Claw Pick-Up Tool - 3 Prong



Features

- Simply squeezing the handle, the claw arm can grab the object and move it to its new destination easily. This is the perfect tool for hard-to-reach items in a car or machine.
- Fully flexible stem for access to awkward and narrow spaces.
- Pick up objects and hold tight with the 3-prong retractable claws.
- Easy open and close the claws with elegant finger grip.

Specification

- Claw Prong: 3 Prong
- Length: 600mm (23-5/8")



AGT-00334 26PCS Feeler Gauge



- Blades: 3-1/2" x 1/2" (L x W)
- Inch Size:
0.0015/0.002"/0.0025"/0.003"/0.004"/
0.005"/0.006"/0.007"/0.008"/0.009"/
0.010"/0.011"/0.012"/0.014"/0.015"/
0.016"/0.017"/0.018"/0.019"/0.020"/
0.021"/0.022"/0.023"/0.025"
- Metric Size:
0.04/0.05/0.06/0.08/0.10/0.13/0.15/0.18/
0.20/0.23/0.25/0.28/0.30/0.33/0.35/0.38/0.40/
0.43/0.45/0.48/0.50/0.53/0.55/0.58/0.60/0.63mm



Measuring Devices

量具



AGT-00121A

6"/15cm Stainless Steel
Electronic Digital Caliper

- Stainless Steel / 0.01mm, 0.0005" of Resolution / Polish Finished



Aircraft

AGT-00344

0-25mm-0.01mm Micrometer

- Measuring Range: 0-25mm
- Read Value: 0.01mm



Aircraft

NEW

AGT-00337-50

2" Machinist Square
w/o Graduation

- Size: 2" (5 x 4cm)



Aircraft

NEW

AGT-00339A

6"(150mm) Divider

- Material: Carbon Steel
- Surface Treatment: Polish
- Screw Black Oxide: 6"-15cm
- Moving Way: Fast Displacement Type
- Maximum Expanded Distance Between Both Sides Open: 6"(150mm)



Aircraft

NEW

AGT-00337-100

4" Machinist Square
w/o Graduation

- Size: 4" (10 x 6cm)



Aircraft

NEW

AGT-00339B

6"(150mm) Inside Caliper

- Material: Carbon Steel
- Surface Treatment: Polish
- Screw Black Oxide: 6"-15cm
- Moving Way: Fast Displacement Type
- Maximum Expanded Distance Between Both Sides Open: 6"(150mm)



Aircraft

NEW

AGT-00337-150

6" Machinist Square
w/o Graduation

- Size: 6" (15 x 9cm)



Aircraft

NEW

AGT-00339C

6"(150mm) Outside Caliper

- Material: Carbon Steel
- Surface Treatment: Polish
- Screw Black Oxide: 6"-15cm
- Moving Way: Fast Displacement Type
- Maximum Expanded Distance Between Both Sides Open: 6"(150mm)



Aircraft

NEW

Measuring Devices

量具



AGT-00338-14

Protractor-Half Round Type

- Graduation of Handle-Metric: 14cm
- Half Round: 0-180 Degree



NEW



AGT-00338-17

Protractor-Half Round Type

- Graduation of Handle-Metric: 17cm
- Half Round: 0-180 Degree



NEW



AGT-00336-12 12" AGT-00336-18 18"

Stainless Steel Combination Square Blade

- Length:
 - AGT-00336-12: 12" (304.8mm)
 - AGT-00336-18: 18" (457.2mm)
- Thickness: 2.0mm
- Width: 25.4mm



NEW



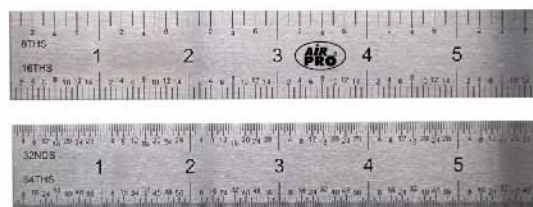
AGT-00342-6 6" AGT-00342-12 12" AGT-00342-18 18" AGT-00342-24 24" AGT-00342-36 36" AGT-00342-48 48"

Stainless Steel Ruler

- Length:
 - AGT-00342-6: 6" (152.4mm)
 - AGT-00342-12: 12" (304.8mm)
 - AGT-00342-18: 18" (457.2mm)
 - AGT-00342-24: 24" (609.6mm)
 - AGT-00342-36: 36" (914.4mm)
 - AGT-00342-48: 48" (1219mm)
- Thickness: 1.0mm
 - AGT-00342-36, AGT-00342-24: 1.2mm
- Width: 25mm
- Graduation: 8ths, 16ths/32nds, 64nds



NEW



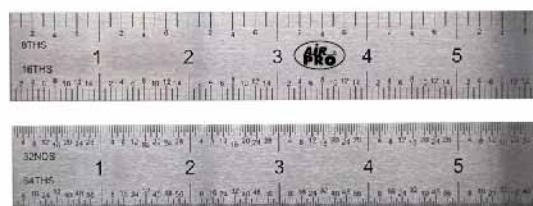
AGT-00343-6 6" AGT-00343-12 12" AGT-00343-18 18" AGT-00343-24 24"

Stainless Steel Ruler

- Length:
 - AGT-00343-6: 6" (152.4mm)
 - AGT-00343-12: 12" (304.8mm)
 - AGT-00343-18: 18" (457.2mm)
 - AGT-00343-24: 24" (609.6mm)
- Thickness: 0.5mm
- Width: 13mm
- Graduation: 8ths, 16ths/32nds, 64nds



NEW



Files

銼刀

AGT-00272K

12PCS Precision Needle File Set



Specification

- Material: High Carbon Steel
- Handle diameter: 4mm
- Total Length: 160mm
- HRC 60-65



Contents

- 1PC Flat File (AGT-00271F)
- 1PC Half Round File (AGT-00271HR)
- 1PC Triangular File (AGT-00271T)
- 1PC Square File (AGT-00271S)
- 1PC Round File (AGT-00271R)
- 1PC Flat-Point File (AGT-00271FP)
- 1PC Knife Type File (AGT-00271KT)
- 1PC Barrette File (AGT-00271B)
- 1PC Crossing File (AGT-00271C)
- 1PC Oval File (AGT-00271O)
- 1PC Feather Edge File (AGT-00271FE)
- 1PC Round Edge Flat File (AGT-00271REF)

AGT-00272K1

6PCS Precision Needle File Set



Specification

- Material: High Carbon Steel
- Handle Diameter: 4mm
- Total Length: 160mm
- HRC60-65



Contents

- 1PC Flat File (AGT-00271F)
- 1PC Half Round File (AGT-00271HR)
- 1PC Triangular File (AGT-00271T)
- 1PC Square File (AGT-00271S)
- 1PC Round File (AGT-00271R)
- 1PC Crossing File (AGT-00271C)

AGT-00135HR AGT-00330HR

8"
10"



Half Round File

- Material: T10 (HRC60-65)



AGT-00135R AGT-00330R

8"
10"



Round File

- Material: T10 (HRC60-65)



AGT-00135S AGT-00330S

8"
10"



Square File

- Material: T10 (HRC60-65)



AGT-00135T1 AGT-00330T

8"
10"



Triangular File

- Material: T10 (HRC60-65)



AGT-00135F AGT-00330F

8"
10"



Flat File

- Material: T10 (HRC60-65)



Dead Blow Hammers & Holders

無反彈錘 & 固定座



AGT-322

"O" Ring And Seal Pick

- Chrome vanadium steel
- Heat-treated
- Chrome plated
- Aluminum handle
- Packing: Sliding Card /Height:5"
- Q'ty: Inner40/Ctn400/19 /20.5/2.9'



SB-120

Adjustable File Holder



SB-12089 9TPI

SB-12012 12TPI

File Blade For SB-120

- Length: 14" 9 & 12 TPI



AGT-00340-8 8oz

AGT-00340-12 12oz

Ball Pein Hammer

- Head Material: Medium Carbon Steel 1055c
- Double Head Striking Surface: High Frequency Induction Hardening
- Handle: Walnut (Natural Color)
- Head: Polished 150# Black Painted
- Head Dia:
 - AGT-00340-8: 27 ±2mm
 - AGT-00340-12: 30 ±2mm
- Overall Length: 293 ±3mm



AGT-00341-18 18oz

AGT-00340-24 24oz

AGT-00340-49 49oz

Pu Dead Blow Hammer

- Head Dia:
 - AGT-00341-18: 38mm
 - AGT-00340-24: 46mm
 - AGT-00340-49: 60mm
- Length:
 - AGT-00341-18: 100mm
 - AGT-00340-24: 100mm
 - AGT-00340-49: 130mm
- Overall Length:
 - AGT-00341-18: 290mm
 - AGT-00340-24: 306mm
 - AGT-00340-49: 368mm
- Weight:
 - AGT-00341-18: 520g
 - AGT-00340-24: 690g
 - AGT-00340-49: 1400g
- Head Material: PU
(Hardness of Striking Surface: 90A-95A)
- Handle Material: TPV



AGT-00345-33 33oz

Soft Face Dead Blow Hammer

- Head Dia: 45mm
- Length: 125mm
- Overall Length: 305mm
- Weight: 940g
- Handle Material: TPV
- Head Material: Nylon
(Hardness of Striking Surface: 60D/65D/70D)



AGT-00340-16 16oz

Ball Pein Hammer

- Head Material: Medium Carbon Steel 1055c
- Head Striking Surface: Polish
- Handle: Wood w/Half Red Painted
- Head: Black Painted;
- Head Dia: 32±2mm
- Overall Length: 353±3mm



Hand Riveters

手動鉚釘機



HR-GS701

Heavy Duty Hand Riveter



- Capacity: 3/32" (2.4mm), 1/8" (3.2mm), 5/32" (4.0mm), 3/16" (4.8mm)



HR-707

Heavy Duty Hand Riveter



- Material: Body: Aluminum alloy powder coating
Upper Handle: Alloy steel ; Rubber Sleeve: TPR
Jaw: Alloy steel (2set) ; Jaw Case: Alloy steel
- Capacity: 1/8" (3.2mm), 5/32" (4.0mm), 3/16" (4.8mm)



HR-736K

Free Suction Hand Riveter Kit



- Capacity:
3/32" (2.4mm); 1/8" (3.2mm);
5/32" (4.0mm); 3/16" (4.8mm)



HR-152

Hand Riveter Kit



- Capacity:
1/8"(3.2mm)-1/4"(6.4mm)
- Stroke length:
15.8mm (5/8")
- Traction Power:
3500 lbs (1589 kgs)





AIRPRO INDUSTRY CORP.

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