

Industrial Tools



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HONG BING PNEUMATIC INDUSTRY CO., LTD.



Established in Shan-Kang Dist., Taichung City in 1974, originally named "Hong-Bing Iron Works Company", focus on OEM for hand tool accessory. Start manufacturing air tool in 1979. Hong Bing Pneumatic Industry Co., Ltd was founded in 1987 as professional air tools manufacture factory.

HONG BING has been approved by ISO 9001(SGS) and CE (TUV). HONG BING has gathered many years experience of R&D and Q.C., while engaging in innovative and stabilizing quality. On production facility, we use automatic and semi-automatic CNC, and strictly manufacturing key spare parts. It will increase the good rate and accurate.

HONG BING is your best choice for industrial applications of pneumatic tools.

1974年始創於台中市神岡區，原名「宏斌鐵工廠」初期專精於手工具零件代工製造。1979年投入氣動工具製造，於1987年創立「宏斌氣動工業股份有限公司」專業生產氣動工具。

宏斌已通過 ISO 9001(SGS)、CE (TÜV) 認證。在研發設計與品管作業，累積多年來的經驗，積極創新產品與穩定產品品質。在生產設備方面，採用全自動與半自動化設備加工，嚴格製造關鍵性零組件，有效提升產品良率及精準度。

宏斌對於氣動力學的工具與工業設備都會是您在工業應用領域中最佳的選擇。

CONVERSION CHART / 單位換算表

• LENGTH / 長度

1in=0.02554 m
1ft=12 in

1 m = $\begin{cases} 39.3701 \text{ in} \\ 3.28084 \text{ ft} \end{cases}$

• WEIGHT / 重量

1lb=0.453592 kg
1kg=2.20462 ft

• TORQUE / 扭力

1kgm=9.80665 Nm
1lbf=1.35582 Nm
1ft-lbs=0.138 kg-m

1Nm = $\begin{cases} 0.101972 \text{ kgm} \\ 0.7375562 \text{ lbf x ft} \end{cases}$

• PRESSURE / 壓力

1bar=100 kPa
1kg/cm²(at)=98.0665 kPa
1psi=6.89476 kPa

1kPa = $\begin{cases} 0.01\text{bar} \\ 0.0101972 \text{ kg/cm}^2 \text{ (at)} \\ 0.145038 \text{ psi} \end{cases}$

• POWER / 功率

1kpm/s=9.80665 w
1kcal/s=4.1868 kw
1kcal/h=1.163 w
1hk=735.499 w
1hp=745.7 w

1kw = $\begin{cases} 101.972 \text{ kpm/cm}^2 \text{ (at)} \\ 0.238846 \text{ kcal/s} \\ 859.845 \text{ kcal/h} \\ 1.35962 \text{ hk} \\ 1.34102 \text{ hp} \end{cases}$

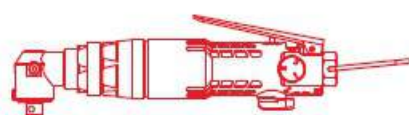
• FLOW / 流率

1m³/min=16.6667 L/s=35.335 cfm
1cfm=0.471947 L/s=0.0283 m³/min 1L/s=201189cfm
1m³/min=0.277778 L/s

Air Screwdriver and Air Wrench Selection Guide

氣動螺絲起子與
氣動扳手選用建議

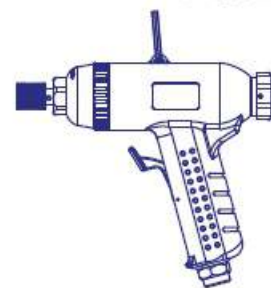
ANGLE 彎頭型



STRAIGHT 直柄型



PISTOL 手槍型



IMPACT SCREWDRIVER 衝擊型螺絲起子

MODEL 型 號					301L90	301A1	311LHA	100A1
					320	301AH	310LHA	308DA1
					403LN	808A1	306	310DA
						301LA1	310Q	330DQ
						601A	328Q	100LA1
							809A1	310LDA
							306SL	409WA1
							310LQ	605DA
							328LQ	606DQ
							406LN	906DAQ

CLUTCH TYPE SCREWDRIVER 離合型螺絲起子

MODEL 型 號					103	302L90	103G	
					304A1	302	301LCG	
					304B1	5C1419	2C8425	
					314A1	5C1515		
					5C1218	405LN		
					301LC	5C5415		
					404LN			

TORQUE CONTROL SCREWDRIVER 扭力控制型螺絲起子

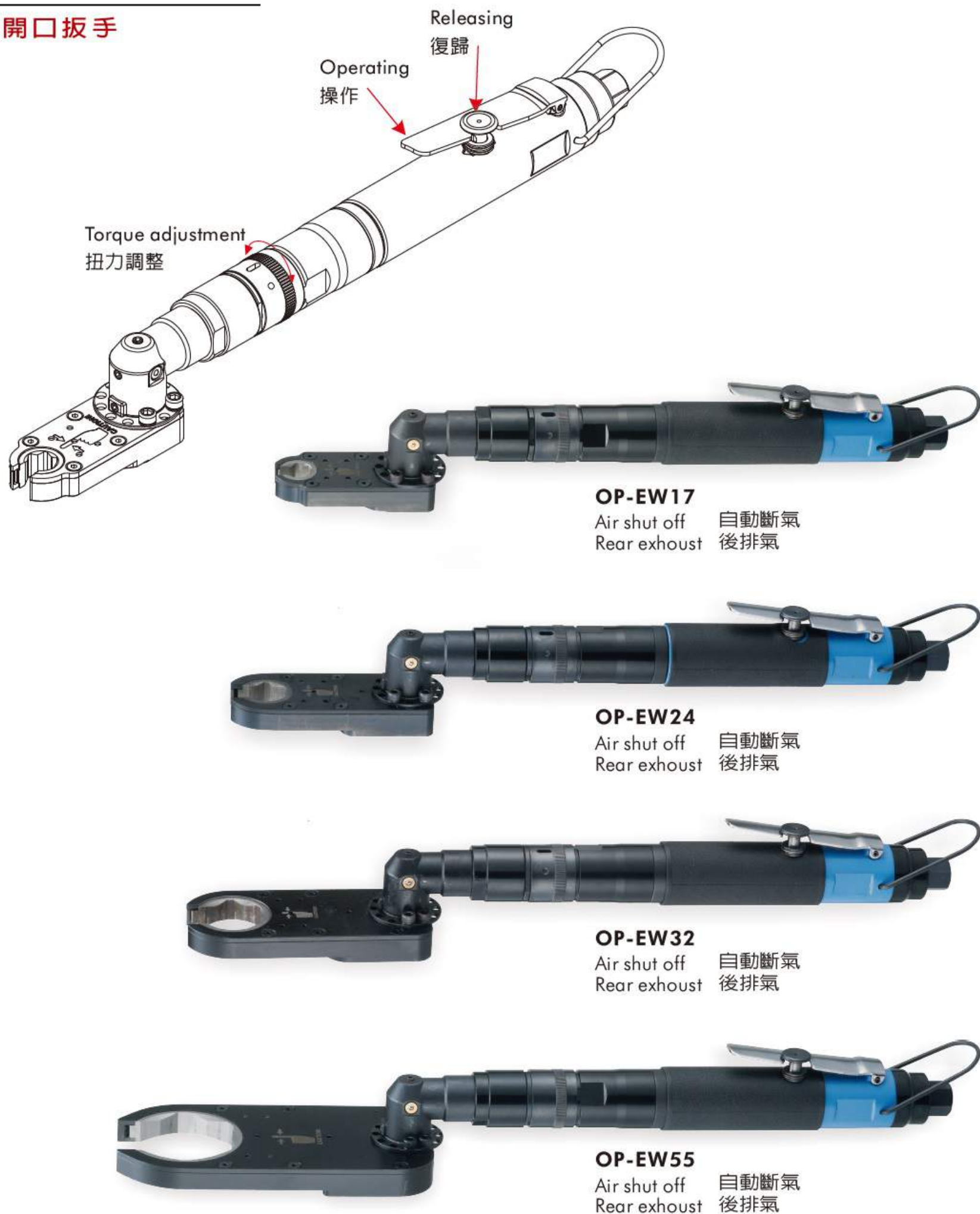
MODEL 型 號	106A	106B		2S2110	5SLA15	5SLA08	5SLA03	
	1S0625	1S0607		5S1515C	2S3215	5S5108A	2S4304	
				5S5115C	5S1508B	5S1508A	5S5103	
					5S1515B	2S3208		
					5S5108B	2S4307		
					5S5115B			
SCREW SIZE 螺絲尺寸	2mm	2.5mm	3mm	3.5mm	4mm	5mm	6mm	8mm

IMPACT WRENCH 衝擊型扳手

MODEL 型 號	301LB90	301B3	311LH3	308DW	100B	130LH4	130B	603D	936D2	912D2	913D2	914D2
		301LB3	310LH3	310DB4		100LB	131LB	908D			915DA	
		403LB3	306B	330D4		906D4		909D				
			310B3	310LD4		606D4						
			328B3	409WHA								
			809B1	310LB3								
			306SL1	328LB3								
				406LB								
				605D4								
BOLT SIZE 螺栓尺寸	M6	M8	M10	M12	M14	M16	M18	M20	M22	M24	M27	M30
NUT SIZE 螺帽尺寸	10mm	13mm	17mm	19mm	22mm	24mm	27mm	30mm	32mm	36mm	41mm	46mm

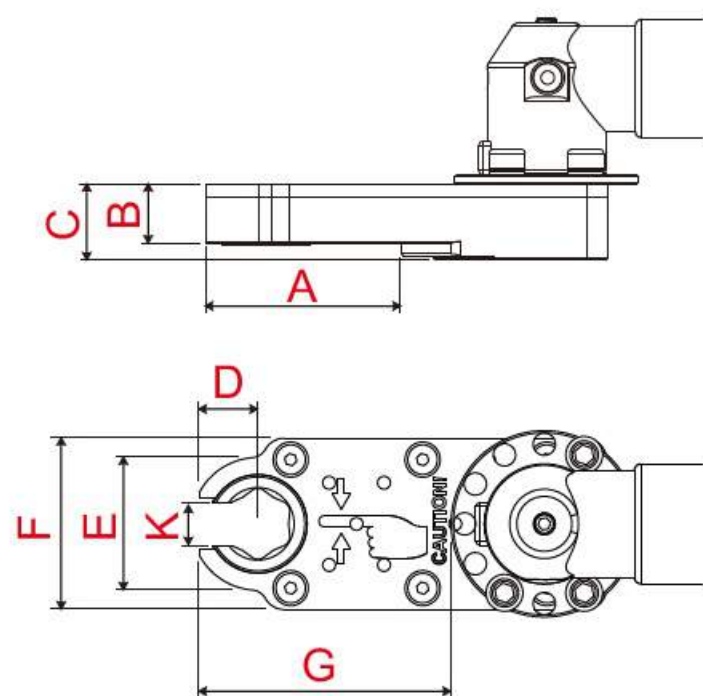
Air Open-end Wrench

氣動開口扳手



SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm²)

MODEL 型號	Hex Size 六角尺寸	MAX. Torque 最大扭力	Free Speed 無負荷轉速	Air Consumption 耗氣量		Overall Length 全長		Air Inlet 入氣接頭	Net Weight 重量		Sound Level 噪音值
	mm	Nm	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
OP-EW17	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17	7~15	230	198	7	413	16.25	1/4	1.67	3.68	87
OP-EW24	17, 18, 19, 20, 21, 22, 23, 24, 11/16"	9~19	150	198	7	438	17.24	1/4	1.84	4.05	87
OP-EW32	24, 26, 27, 29, 30, 32	10~24	115	198	7	461	18.14	1/4	2.09	4.6	87
OP-EW55	36, 38, 41, 46, 50, 55	14~28	100	198	7	504	19.84	1/4	2.52	5.55	87



MODEL 型號	A	B	C	D	E	F	G
mm	mm	mm	mm	mm	mm	mm	mm
OP-EW17	46.2	14	18	13.6	31	40	58.8
OP-EW24	57.2	14	18	20.6	46.6	48	83.2
OP-EW32	71	14	18	26.6	59	59	106.6
OP-EW55	92.1	14	18	39.3	86	86	149.3

Air Open-end Wrench Order Code Reference

Model 型號	OP-EW17	OP-EW24	OP-EW32	OP-EW55
Order Code 訂貨號				
Hex Size 六角尺寸	Insert Type 插入型			
7mm	OP-EW17-SR7			7.1
8mm	OP-EW17-SR8			8.1
9mm	OP-EW17-SR9			9.1
10mm	OP-EW17-SR10			10.1
11mm	OP-EW17-SR11			11.1
12mm		OP-EW24-SR12		12.1
13mm		OP-EW24-SR13		13.1
14mm		OP-EW24-SR14		14.1
15mm		OP-EW24-SR15		15.1
16mm		OP-EW24-SR16		16.1
17mm			OP-EW32-SR17	17.1
18mm			OP-EW32-SR18	18.1
19mm			OP-EW32-SR19	19.1
20mm			OP-EW32-SR20	20.1
21mm			OP-EW32-SR21	21.1
22mm			OP-EW32-SR22	22.1
36mm				OP-EW55-SR36 36.1

Air Open-end Wrench Order Code Reference

Model 型號	OP-EW17	OP-EW24	OP-EW32
Order Code 訂貨號			
Hex Size 六角尺寸	Blind Type 擋口型		
10mm	OP-EW17-BD10		7 6.5
11mm	OP-EW17-BD11		8.1 6.5
12mm	OP-EW17-BD12		8.5 6.5
13mm	OP-EW17-BD13		9 9
14mm	OP-EW17-BD14		10.2 9
15mm	OP-EW17-BD15		10.5 9
16mm	OP-EW17-BD16		10.9 9
17mm	OP-EW17-BD17	OP-EW24-BD17	11.3 9
18mm		OP-EW24-BD18	12 9
19mm		OP-EW24-BD19	13.1 9
20mm		OP-EW24-BD20	13.5 9
21mm		OP-EW24-BD21	15 9
22mm		OP-EW24-BD22	15.2 9
23mm		OP-EW24-BD23	15.5 9
24mm		OP-EW24-BD24	OP-EW32-BD24 16.1 9
26mm			OP-EW32-BD26 17.1 9
27mm			OP-EW32-BD27 18.1 9
29mm			OP-EW32-BD29 19.2 9
30mm			OP-EW32-BD30 20.1 9
32mm			OP-EW32-BD32 21.2 9

Equal specifications: 5/16" <=> 8mm, 5/8" <=> 16mm,
相等規格: 3/4" <=> 19mm, 1-3/8" <=> 35mm,
1-1/2" <=> 38mm

Air Open-end Wrench Order Code Reference

Model 型號	OP-EW17	OP-EW24	OP-EW32	OP-EW55
Order Code 訂貨號				
Hex Size 六角尺寸	Standard Type 標準型			
7mm	OP-EW17-7			5
8mm	OP-EW17-8			5.6
9mm	OP-EW17-9			6.5
10mm	OP-EW17-10			7
11mm	OP-EW17-11			8.1
12mm	OP-EW17-12			8.5
13mm	OP-EW17-13			9
14mm	OP-EW17-14			10.2
15mm	OP-EW17-15			10.5
16mm	OP-EW17-16			10.9
17mm	OP-EW17-17	OP-EW24-17		11.3
18mm		OP-EW24-18		12
19mm		OP-EW24-19		13.1
20mm		OP-EW24-20		13.5
21mm		OP-EW24-21		15
22mm		OP-EW24-22		15.2
23mm		OP-EW24-23		15.5
24mm		OP-EW24-24	OP-EW32-24	16.1
26mm			OP-EW32-26	17.1
27mm			OP-EW32-27	18.1
29mm			OP-EW32-29	19.2
30mm			OP-EW32-30	20.1
32mm			OP-EW32-32	21.2
36mm				OP-EW55-36 25
38mm				OP-EW55-38 26
41mm				OP-EW55-41 28
46mm				OP-EW55-46 31
50mm				OP-EW55-50 34.5
55mm				OP-EW55-55 37.5
11/16"		OP-EW24-11/16"		11.5

Air Rivet Nut Tool

氣動拉帽槍

Once rivet nut screw is damaged, it should be replaced immediately; otherwise, the tool will not be functional.

拉帽螺絲如有毀損應立即更換，否則將無法進行拉帽。



OP-PSLH16
Rear exhaust
後排氣



OP-PS6-G1
Handle exhaust
下排氣



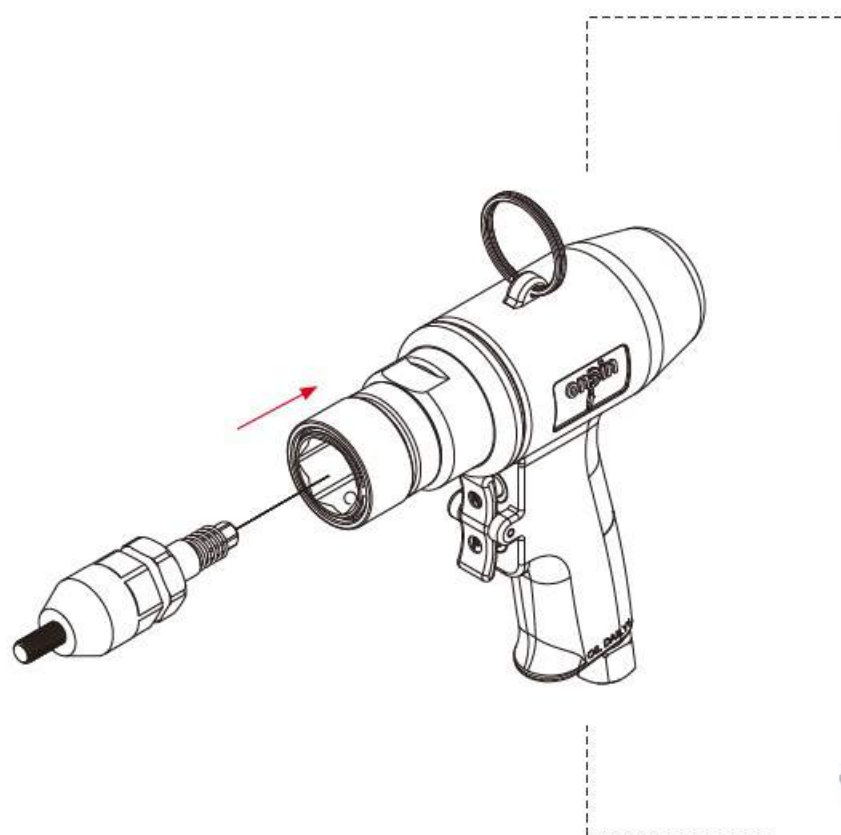
OP-PS10-G51
Side exhaust
側排氣

Nut Tools with Order Code Number Reference

Model 型 號	OP-PSLH16	OP-PS6-G1	OP-PS6107	OP-PS5232	OP-PS5210	OP-PS5204	OP-PS10-G51
Size 規 格	Order Code 訂 貨 號						
M3	OP-PSLH16-3	OP-PS6-G1-3	OP-PS6107-3	OP-PS5232-3			
M4	OP-PSLH16-4	OP-PS6-G1-4	OP-PS6107-4	OP-PS5232-4			
M5	OP-PSLH16-5	OP-PS6-G1-5	OP-PS6107-5	OP-PS5232-5	OP-PS5210-5		OP-PS10-G51-5
M6	OP-PSLH16-6	OP-PS6-G1-6	OP-PS6107-6		OP-PS5210-6		OP-PS10-G51-6
M8					OP-PS5210-8	OP-PS5204-8	OP-PS10-G51-8
M10						OP-PS5204-10	OP-PS10-G51-10
3/16"		OP-PS6-G1-3/16"	OP-PS6107-3/16"	OP-PS5232-3/16"			
1/4"		OP-PS6-G1-1/4"	OP-PS6107-1/4"		OP-PS5210-1/4"		OP-PS10-G51-1/4"
5/16"					OP-PS5210-5/16"	OP-PS5204-5/16"	OP-PS10-G51-5/16"
3/8"							OP-PS10-G51-3/8"

Air Rivet Nut Tool

氣動拉帽槍



OP-PS6107

Handle exhaust
The type of quick-changing
下排氣
快速更換型式



OP-PS5232

OP-PS5210

OP-PS5204

Handle exhaust
The type of quick-changing
下排氣
快速更換形式



OP-PS12-O1

Push to start
Air hydraulic rivet nut tool
Pull force 2180kg/4800lbs
Stroke 7mm
觸壓啓動型
氣動油壓式拉帽槍
拉力 2180kg/4800lbs
行程 7mm



OP-PS12-O2

Push to start
Air hydraulic rivet nut tool
Pull force 2075kg/4565lbs
Stroke 6mm
觸壓啓動型
氣動油壓式拉帽槍
拉力 2075kg/4565lbs
行程 6mm

SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm²)

MODEL 型號	Structure 構造			Free Speed 無負荷轉速	Air Consumption 耗氣量		Overall Length 全長		Air Inlet 入氣接頭	Net Weight 重量	
		mm	mm	rpm	l/min	cfm	mm	inch	P.T	kg	lb
OP-PSLH16	Gear	3, 4, 5, 6	3, 4, 5	1600	254	9	270	10.6	1/4	1.19	2.62
OP-PS6-G1	Gear	3,4,5,6,3/16",1/4"	3,4,5, 3/16"	700	198	7	200	7.87	1/4	1.2	2.65
OP-PS6107	Gear	3,4,5,6,3/16",1/4"	3,4,5, 3/16"	700	198	7	200	7.87	1/4	1.26	2.77
OP-PS5232	Gear	3, 4, 5, 3/16"	3, 4	3200	240	8.5	205	8.07	1/4	1.48	3.26
OP-PS5210	Gear	5, 6, 8, 1/4", 5/16"	5, 6, 1/4"	1000	240	8.5	205	8.07	1/4	1.5	3.3
OP-PS5204	Gear	8, 10, 5/16"	8, 10, 5/16"	450	240	8.5	205	8.07	1/4	1.5	3.3
OP-PS10-G51	Gear	5, 6, 8, 10, 1/4", 5/16", 3/8"	5, 6, 8, 1/4", 5/16"	450	226	8	210	8.27	1/4	1.8	3.97
OP-PS12-O1	Hydraulic type	3,4,5,6,8,10,12	3,4,5,6,8,10,12	1200			278	10.94	1/4	2.5	5.51
OP-PS12-O2	Hydraulic type	3,4,5,6,8,10,12	3,4,5,6,8,10,12	2700			280	11.02	1/4	2.38	5.24

Air Riveter

氣動拉釘機



OP-T107V

Vacuum type
自吸式



OP-T107



OP-YS514

OP-YS614

Hydraulic type
油壓式



OP-YS01P

OP-YS02P

OP-YS03P

OP-YS04P

Hydraulic type
油壓式

SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm²)

MODEL 型號	Blind Rivet Setting Capacity 拉釘規格	Traction Power 拉 力	Stroke Length 行 程	Air Consumption 耗 氣 量		Overall Length 全 長		Air Inlet 入氣接頭	Net Weight 重 量	
	For Aluminum & Steel AS 釘 規 格	LBS	mm	l/min	cfm	mm	inch	P.T	kg	lb
OP-T107V	2.4, 3.2, 4, 4.8 3/32", 1/8", 5/32", 3/16"	2000	21	99	3.5	340	13.38	1/4	1.5	3.31
OP-T107	2.4, 3.2, 4, 4.8 3/32", 1/8", 5/32", 3/16"	2000	21	99	3.5	230	9.05	1/4	1.4	3.09
OP-YS514	2.4, 3.2, 4, 4.8 3/32", 1/8", 5/32", 3/16"	2680	14	170	6	230	9.05	1/4	1.7	3.75
OP-YS614	2.4, 3.2, 4, 4.8, 5.6, 6.4 3/32", 1/8", 5/32", 3/16", 7/32", 1/4"	4166	19	99	3.5	250	9.84	1/4	2.2	4.85
OP-YS01P	3.2, 4, 4.8 1/8", 5/32", 3/16"	1346	14	72	2.54	290	11.42	1/4	1.7	3.75
OP-YS02P	3.2, 4, 4.8 1/8", 5/32", 3/16"	2097	17	126	4.45	310	12.2	1/4	2.1	4.62
OP-YS03P	4, 4.8, 6.4 5/32", 3/16", 1/4"	2895	26	258	9.11	328	12.91	1/4	2.3	5.06
OP-YS04P	4, 4.8, 6.4 5/32", 3/16", 1/4"	4194	17	258	9.11	328	12.91	1/4	2.3	5.06