

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 (TUV) 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 lb

• TORQUE / 扭力

1kgm=9.80665 Nm
1lbf=1.35582 Nm
1ft-lbs=0.138 kg-m
 $1\text{Nm} = \begin{cases} 0.101972 \text{ kgm} \\ 0.7375562 \text{ lbf x ft} \end{cases}$

• PRESSURE / 壓力

1bar=100 kPa
1kg/cm²(at)=98.0665 kPa
1psi=6.89476 kPa
 $1\text{kPa} = \begin{cases} 0.01\text{bar} \\ 0.0101972 \text{ kg/cm}^2 \text{ (at)} \\ 0.145038 \text{ psi} \end{cases}$

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

• 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

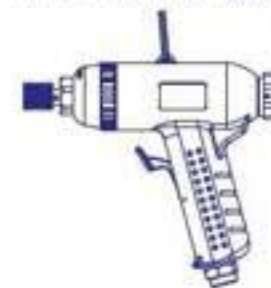
ANGLE 彎頭型



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 Screwdriver Two Hammer Type

氣動螺絲起子:雙鎚式



■ High impact frequency.

■ Low Counteraction

APPLICATION :

■ Especially in heavy-productive industries (rattan, carpentry, electric, motor, aluminum, and hardware).

■ 沖擊頻率高

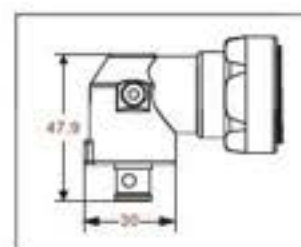
■ 反作用力小

用 途 :

■ 高量產工業尤佳(藤器、木器、馬達、鋁製品、五金工業等)



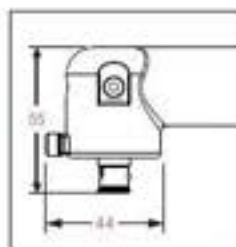
OP-301L90 F
Rear exhaust
後排氣



UNIT : (mm)



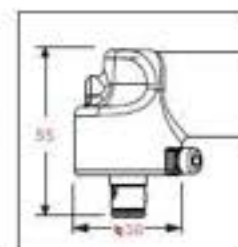
OP-311LHA F
Rear exhaust
後排氣



UNIT : (mm)



OP-310LHA F
Side exhaust
側排氣



UNIT : (mm)

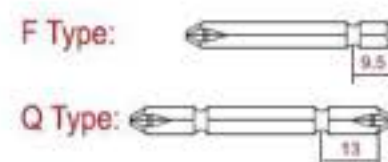
SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm²)

MODEL 型 號	Screw Size Capacity 螺絲 攻拆尺寸	Working Torque 工作扭力		MAX. Torque 最大扭矩		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	ft-lb	Nm	ft-lb	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
OP-301L90	4	15	11	40	30	9000	141	5	240	9.45	1/4	1.22	2.69	83
OP-311LHA	5~6	40	29	90	66	8500	240	8.5	265	10.43	1/4	1.56	3.44	90
OP-310LHA	5~6	40	29	130	96	7000	198	7	240	9.45	1/4	1.6	3.53	92



Air Screwdriver Two Hammer Type

氣動螺絲起子:雙鎚式



OP-320 Q

Push to start
Rear exhaust
觸壓啟動
後排氣



OP-808A1 OP-808 Q

Rear exhaust with muffler
後排氣低噪音



OP-301A1 OP-301 Q

Side exhaust
側排氣



OP-301AH OP-301H Q

Rear exhaust
後排氣



OP-306 Q

OP-306F F

Rear exhaust
後排氣



OP-809A1 Q

Rear exhaust with muffler
後排氣低噪音



OP-310Q Q

OP-310F F

2 Step pushstart trigger
Side exhaust
二段式扳機啟動
側排氣



OP-328Q Q

OP-328F F

360° Rotate side exhaust
360°調整側排氣



OP-100A1 Q

2 Step pushstart trigger
Rear exhaust
二段式扳機啟動
後排氣

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

MODEL 型號	Screw Size Capacity 螺絲 攻拆尺寸	Working Torque 工作扭力	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 ft-lb	Nm ft-lb	rpm	l/min cfm	mm inch	P.T	kg lb	dB(A)
OP-320	4~5	20 15	35 26	10000	127 4.5	195 7.68	1/4	0.67 1.48	80
OP-808	4~5	20 15	35 26	10000	127 4.5	190 7.48	1/4	0.76 1.68	71
OP-808A1	4~5	20 15	35 26	10000	127 4.5	200 7.87	1/4	0.76 1.68	71
OP-301	4~5	25 18	35 26	12000	127 4.5	178 7	1/4	0.7 1.54	89
OP-301A1	4~5	25 18	35 26	12000	127 4.5	185 7.28	1/4	0.7 1.54	89
OP-301H	4~5	25 18	40 30	10000	141 5	190 7.48	1/4	0.79 1.74	85
OP-301AH	4~5	25 18	40 30	10000	141 5	200 7.87	1/4	0.79 1.74	85
OP-306	6	45 33	200 148	8000	212 7.5	225 8.85	1/4	1.06 2.34	90
OP-306F	6	45 33	200 148	8000	212 7.5	225 8.85	1/4	1.06 2.34	90
OP-809A1	6	45 33	130 96	8000	184 6.5	230 9.06	1/4	1.2 2.65	79
OP-310Q	6~8	60 44	240 177	8000	254 9	200 7.87	1/4	1.06 2.38	97
OP-310F	6~8	60 44	240 177	8000	254 9	200 7.87	1/4	1.06 2.38	97
OP-328Q	6~8	65 48	240 177	8800	268 9.5	200 7.87	1/4	1.05 2.31	98
OP-328F	6~8	65 48	240 177	8800	268 9.5	200 7.87	1/4	1.05 2.31	98
OP-100A1	8	75 55	280 207	5500	240 8.5	265 10.43	1/4	1.7 3.75	85



Air Screwdriver Two Hammer Type

氣動螺絲起子:雙槌式



OP-403LN Q
Handle exhaust
下排氣



OP-301L Q
Handle exhaust
下排氣



OP-301LA1 Q
Handle exhaust
下排氣



OP-601A Q
Handle exhaust
下排氣



OP-306SL Q
OP-306SLF F
360° Rotate handle exhaust
360° 調整下排氣



OP-406LN Q
Handle exhaust
下排氣



OP-310LQ Q
OP-310LF F
Side exhaust
側排氣



OP-328LQ Q
OP-328LF F
360° Rotate handle exhaust
360° 調整下排氣



OP-100LA1 Q
Side exhaust
側排氣

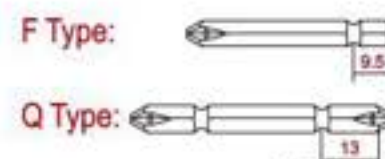
SPECIFICATION (air pressure at 90psi、6.2bar、6.3kg/cm²)

MODEL 型號	Screw Size Capacity 螺絲 攻拆尺寸	Working Torque 工作扭力		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	ft-lb	Nm	ft-lb	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
OP-403LN	4~5	25	18	35	26	11500	170	6	155	6.1	1/4	0.9	1.98	87
OP-301L	4~5	25	18	35	26	13000	198	7	143	5.63	1/4	0.9	1.98	88
OP-301LA1	4~5	25	18	35	26	13000	198	7	150	5.9	1/4	0.9	1.98	88
OP-601A	4~5	25	18	35	26	13000	170	6	155	6.1	1/4	0.86	1.9	82
OP-306SL	6	50	37	200	148	8000	226	8	184	7.24	1/4	1.2	2.65	87
OP-306SLF	6	50	37	200	148	8000	226	8	184	7.24	1/4	1.2	2.65	87
OP-406LN	6	50	37	150	111	8000	212	7.5	165	6.5	1/4	1.2	2.65	87
OP-310LQ	6~8	60	44	240	177	7700	240	8.5	195	7.68	1/4	1.38	3.04	93
OP-310LF	6~8	60	44	240	177	7700	240	8.5	195	7.68	1/4	1.38	3.04	93
OP-328LQ	6~8	60	44	240	177	8000	254	9	186	7.32	1/4	1.24	2.73	87
OP-328LF	6~8	60	44	240	177	8000	254	9	186	7.32	1/4	1.24	2.73	87
OP-100LA1	8	95	70	300	221	4800	240	8.5	185	7	1/4	2.24	4.94	92



Air Screwdriver Twin Ring Type

氣動螺絲起子:雙環式



OP-308DA1 Q
OP-308DAF F
Rear exhaust
後排氣



OP-310DAQ Q
OP-310DA F
Side exhaust
側排氣



OP-330DQ Q
OP-330DF F
360° Rotate side exhaust
360°調整側排氣



OP-310LDAQ Q
OP-310LDA F
Side exhaust
側排氣



OP-409WA1 Q
OP-409WAF F
Handle exhaust
下排氣



OP-601DA Q
OP-601DAF F
Side exhaust
側排氣



OP-605DA Q
OP-605DAF F
Handle exhaust
下排氣



OP-906DAQ Q
OP-906DAF F
Handle exhaust
下排氣



OP-606DQ Q
OP-606DF F
Handle exhaust
下排氣

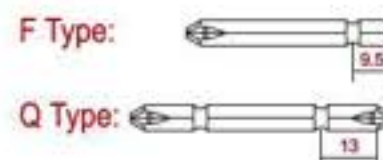
SPECIFICATION (air pressure at 90psi、6.2bar、6.3kg/cm²)

MODEL 型號	Screw Size Capacity 螺絲 攻拆尺寸	Working Torque 工作扭力		MAX. Torque 最大扭矩		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	ft-lb	Nm	ft-lb	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
OP-308DA1	8	60	44	230	170	8000	226	8	220	8.66	1/4	1.32	2.91	85
OP-308DAF	8	60	44	230	170	8000	226	8	220	8.66	1/4	1.32	2.91	85
OP-310DAQ	8	68	50	300	221	8000	254	9	200	7.87	1/4	1.2	2.65	96
OP-310DA	8	68	50	300	221	8000	254	9	200	7.87	1/4	1.2	2.65	96
OP-330DQ	8	75	55	300	221	8500	268	9.5	200	7.87	1/4	1.2	2.65	98
OP-330DF	8	75	55	300	221	8500	268	9.5	200	7.87	1/4	1.2	2.65	98
OP-310LDAQ	8	68	50	300	221	8000	198	7	185	7.28	1/4	1.52	3.35	96
OP-310LDA	8	68	50	300	221	8000	198	7	185	7.28	1/4	1.52	3.35	96
OP-409WA1	8	55	41	270	200	8500	254	9	155	6.1	1/4	1.3	2.87	88
OP-409WAF	8	55	41	270	200	8500	254	9	155	6.1	1/4	1.3	2.87	88
OP-601DA	8	60	44	270	200	8500	240	8.5	155	6.1	1/4	1.54	3.38	94
OP-601DAF	8	60	44	270	200	8500	240	8.5	155	6.1	1/4	1.54	3.38	94
OP-605DA	8	68	50	300	221	9500	240	8.5	155	6.1	1/4	1.42	3.13	82
OP-605DAF	8	68	50	300	221	9500	240	8.5	155	6.1	1/4	1.42	3.13	82
OP-906DAQ	8	95	70	400	295	10000	311	11	144	5.66	1/4	1.6	3.52	92
OP-906DAF	8	95	70	400	295	10000	311	11	144	5.66	1/4	1.6	3.52	92
OP-606DQ	8	95	70	400	295	9000	296	10.5	140	5.51	1/4	1.47	3.24	98
OP-606DF	8	95	70	400	295	9000	296	10.5	140	5.51	1/4	1.47	3.24	98



Air Screwdriver Clutch Type

氣動螺絲起子：離合式



- While reaching the fixed torque, clutch will run automatically and Protect the workpiece from being damaged.
- With torque regulator

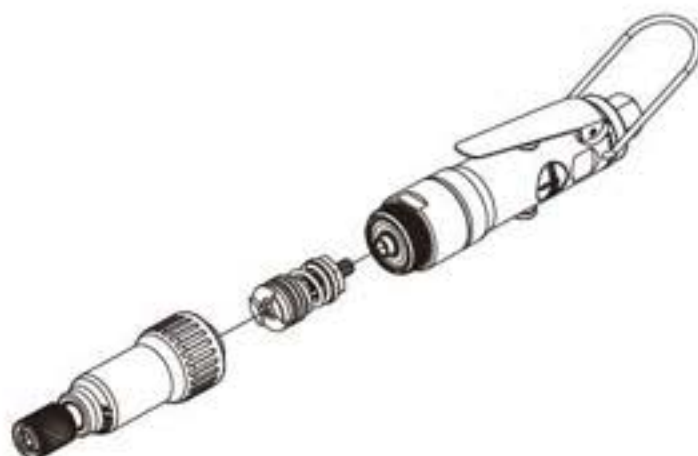
APPLICATION :

- Apply to release or fasten the high-precise screw, especially for outside box setting in industries such as toy, electric, carpentry, and plastic.

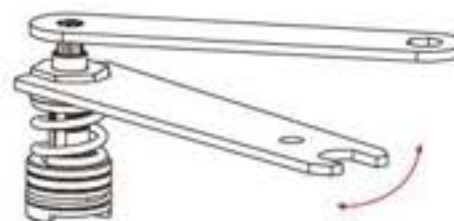
- 扭力到達，離合器自動空轉，保護工作件不受損
- 可調整扭力設計

用途：

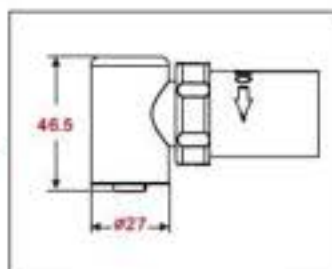
- 高精度螺絲攻拆，量產工業(玩具、電器、木器、塑膠等外殼裝配)



The method of adjusting torque:
Adjusting torque by using added wrench.
扭力調整方式：
使用附加扳手調整



OP-302L90 F
Side exhaust
側排氣



UNIT : (mm)

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

MODEL 型號	Screw Size Capacity 螺絲 攻拆尺寸 mm	MAX. Torque 最大扭力 Nm	ft-lb	Free Speed 無負荷轉速 rpm	Air Consumption 耗氣量 l/min	cfm	Overall Length 全長 mm	inch	Air Inlet 入氣接頭 P.T	Net Weight 重量 kg	lb	Sound Level 噪音值 dB(A)
OP-302L90	5	2.5	1.8	1650	127	4.5	235	9.25	1/4	0.76	1.68	86



Air Screwdriver Clutch Type

氣動螺絲起子:離合式



OP-103 Q
Side exhaust
側排氣



OP-304A1 OP-304 Q
Rear exhaust
後排氣



OP-304B1 OP-304B Q
Push to start type
Rear exhaust
觸壓啟動型
後排氣



OP-314A1 OP-314 Q
Rear exhaust with muffler
後排氣低噪音



OP-302 Q
Side exhaust
側排氣



OP-103G Q
Side exhaust
側排氣

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

MODEL 型號	Screw Size Capacity 螺絲 攻拆尺寸	MAX. Torque 最大扭矩		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
		Nm	ft-lb		l/min	cfm	mm	inch		kg	lb	
OP-103	4	2	1.4	2200	170	6	235	9.25	1/4	0.8	1.76	91
OP-304A1	4	2	1.4	1700	141	5	235	9.25	1/4	0.61	1.34	80
OP-304	4	2	1.4	1700	141	5	235	9.25	1/4	0.61	1.34	80
OP-304B1	4	1.5	1.1	1000	141	5	230	9.1	1/4	0.58	1.28	77
OP-304B	4	1.5	1.1	1000	141	5	235	9.25	1/4	0.6	1.32	77
OP-314A1	4	2	1.4	1700	127	4.5	240	9.45	1/4	0.7	1.54	70
OP-314	4	2	1.4	1700	127	4.5	240	9.45	1/4	0.7	1.54	70
OP-302	5	2.5	1.8	1900	141	5	220	8.66	1/4	0.63	1.39	89
OP-103G	6	8	5.9	600	170	6	265	10.43	1/4	0.95	2.1	90



Air Screwdriver Clutch Type

氣動螺絲起子:離合式

F Type: 

Q Type: 



OP-301LC Q

Handle exhaust
下排氣



OP-404LN Q

Handle exhaust
下排氣



OP-405LN Q

Handle exhaust
下排氣



OP-301LCG Q

Handle exhaust
下排氣



Air Screwdriver Clutch Type

氣動螺絲起子:離合式

F Type: 

Q Type: 



The method of adjusting torque:
Adjusting torque by turning the nut.
扭力調整方式:
調整螺帽距離



OP-5C1218 F

Rear exhaust
後排氣



OP-5C1419 F

Rear exhaust
後排氣



OP-5C1515 F

Rear exhaust
後排氣



OP-5C5415 F

Handle exhaust
下排氣

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

MODEL 型 號	Screw Size Capacity 螺絲 攻拆尺寸	MAX. Torque 最大扭矩		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	ft-lb	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
OP-301LC	4	2	1.4	2500	212	7.5	200	7.87	1/4	1.04	2.29	88
OP-404LN	4	2	1.4	2200	184	6.5	200	7.87	1/4	1	2.2	90
OP-405LN	5	7	5.1	550	184	6.5	225	8.86	1/4	1.2	2.65	87
OP-301LCG	6	8	6	600	212	7.5	230	9.06	1/4	1.15	2.54	88
OP-5C1218	4	2.5	1.8	1800	127	4.5	228	8.98	1/4	0.76	1.68	80
OP-5C1419	5	3	2.2	1900	127	4.5	229	9.01	1/4	1.01	2.23	85
OP-5C1515	5	4	2.9	1450	170	6	279	10.98	1/4	0.97	2.14	80
OP-5C5415	5	4	2.9	1500	212	7.5	190	7.48	1/4	1	2.2	80



Air Screwdriver Clutch Type

氣動螺絲起子:離合式

The method of adjusting torque:
Adjusting torque by using PH1 screwdriver.
扭力調整方式:
使用PH1起子調整



OP-2C8425 F
Composite handle
Handle exhaust
複合材料把手
下排氣



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

MODEL 型號	Screw Size Capacity 螺絲 攻拆尺寸	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
		Nm	ft-lb		l/min	cfm	mm	inch		kg	lb	
OP-2C8425	6	17	12.5	2500	283	10	212	8.34	1/4	1.08	2.38	88



Air Screwdriver Direct Driver Type

氣動螺絲起子:直接驅動式

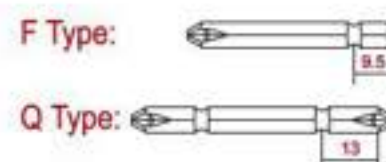
For woodworking screws
適用於木工螺絲



OP-3G8425 F
Composite handle
Handle exhaust
複合材料把手
下排氣



OP-3G8410 F
Composite handle
Handle exhaust
複合材料把手
下排氣



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

MODEL 型號	Screw Size Capacity 螺絲 攻拆尺寸	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
		rpm		l/min	cfm	mm	inch		kg	lb	
OP-3G8425	4	2500		283	10	155	6.1	1/4	0.9	1.98	88
OP-3G8410	5	1000		283	10	172	6.77	1/4	1.04	2.29	88



Air Screwdriver Torque Control Type

氣動螺絲起子：扭力控制式

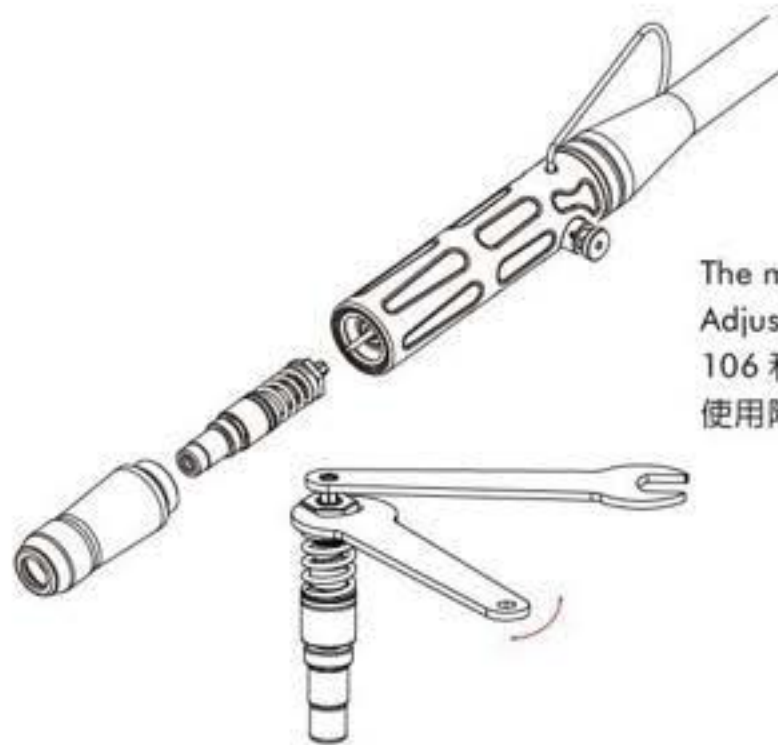
- With push-start device, all parts stop working automatically while reaching the torque.
- Low air consumption, and energy saving.

APPLICATION :

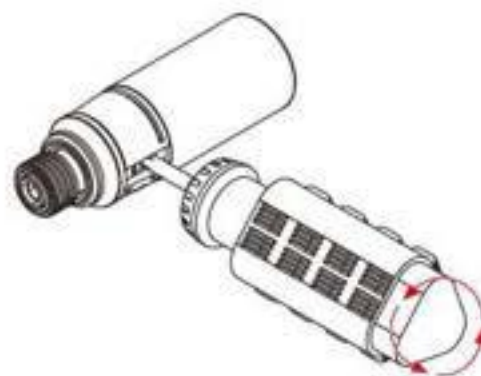
- Apply to release or fasten heavy-precise screws.
- Apply especially to industry assembly lines such as computer, instrument, and electric.
- 觸壓啟動設計，所設定之扭力到達時，全部自動停止
- 耗氣量少，節約能源

用途：

- 高產能、高精度螺絲攻拆
- 電腦業、儀器、電器等精密工業裝配廠



The method of adjusting torque for 106 & 1S series:
Adjusting torque by using added wrench.
106 和 1S 系列扭力調整方式：
使用附加扳手調整



The method of adjusting torque for 2S series:
Adjusting torque by using PH1 screwdriver.
2S系列扭力調整方式：
使用PH1起子調整

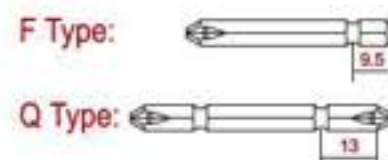


Air Screwdriver Torque Control Type

氣動螺絲起子:扭力控制式

■ Hex size of bit: 4mm for 106 series
6.35mm for 1S & 2S series

■ 螺絲刀六角尺寸: 106系列為4mm
1S 和 2S系列為6.35mm



OP-106A

Push to start 觸壓啟動
Air shut off 自動斷氣
Rear exhaust with muffler 後排氣低噪音



OP-106B

Push to start 觸壓啟動
Air shut off 自動斷氣
Rear exhaust with muffler 後排氣低噪音



OP-1S0625

Magnet type 磁吸式
Push to start 觸壓啟動
Air shut off 自動斷氣
Rear exhaust with muffler 後排氣低噪音



OP-1S0607

Magnet type 磁吸式
Push to start 觸壓啟動
Air shut off 自動斷氣
Rear exhaust with muffler 後排氣低噪音



OP-2S2110 F

Push to start 觸壓啟動
Air shut off 自動斷氣
Rear exhaust 後排氣



OP-2S3208 OP-2S3215 F

Push to start 觸壓啟動
Air shut off 自動斷氣
Rear exhaust 後排氣



OP-2S4304 OP-2S4307 F OP-2S4312

Push to start 觸壓啟動
Air shut off 自動斷氣
Rear exhaust 後排氣

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

MODEL 型號	Screw Size Capacity 螺絲 攻拆尺寸 mm	MAX. Torque 最大扭力 Nm	Free Speed 無負荷轉速 rpm	Air Consumption 耗氣量		Overall Length 全長		Air Inlet 入氣接頭	Net Weight 重量		Sound Level 噪音值 dB(A)
				l/min	cfm	mm	inch	P.T	kg	lb	
OP-106A	2	0.2~0.35	2500	71	2.5	175	6.88	1/4	0.35	0.77	69
OP-106B	2.5	0.35~0.8	750	71	2.5	185	7.28	1/4	0.37	0.82	69
OP-1S0625	2	0.2~0.35	2550	71	2.5	186	7.32	1/4	0.25	0.55	82
OP-1S0607	2.5	0.35~0.8	750	71	2.5	194	7.63	1/4	0.27	0.6	82
OP-2S2110	3.5	1.2~2.2	1000	127	4.5	229	9.01	1/4	0.71	1.56	75
OP-2S3215	4	1.5~3.2	1500	170	6	238	9.37	1/4	0.76	1.67	75
OP-2S3208	5	1.6~4.3	800	170	6	238	9.37	1/4	0.76	1.67	75
OP-2S4312	4	1.7~2.8	1200	198	7	244	9.5	1/4	0.95	2.09	80
OP-2S4307	5~6	3.5~7	740	198	7	244	9.6	1/4	0.95	2.09	80
OP-2S4304	5~6	4~10	450	198	7	244	9.6	1/4	0.95	2.09	80



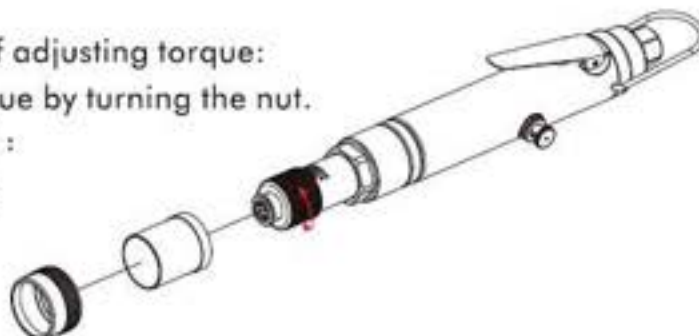
Air Screwdriver Torque Control Type

氣動螺絲起子:扭力控制式

F Type: 

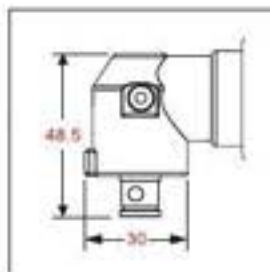
Q Type: 

The method of adjusting torque:
Adjusting torque by turning the nut.
扭力調整方式:
調整螺帽距離



OP-5SLA08
OP-5SLA15 **F**

Air shut off
Rear exhaust
自動斷氣
後排氣

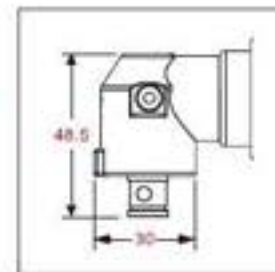


UNIT : (mm)



OP-5SLA03 **F**

Air shut off
Rear exhaust
自動斷氣
後排氣



UNIT : (mm)



OP-5S1508A
OP-5S1508B
OP-5S1515B
OP-5S1515C **F**

Air shut off
Rear exhaust
自動斷氣
後排氣



OP-5S5108A
OP-5S5108B
OP-5S5115B
OP-5S5115C **F**

Air shut off
Handle exhaust
自動斷氣
下排氣



OP-5S5103 **F**

Air shut off
Handle exhaust
自動斷氣
下排氣

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

MODEL 型號	Screw Size Capacity 螺絲 攻拆尺寸	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-5SLA15	4	1.2~2.4	1450	198	7	340	13.39	1/4	1.22	2.69	80
OP-5SLA08	5	2.2~4.3	800	198	7	340	13.39	1/4	1.22	2.69	80
OP-5SLA03	5~6	4~10	340	198	7	350	13.77	1/4	1.3	2.86	80
OP-5S1515C	3.5	0.9~1.6	1450	198	7	285	11.22	1/4	0.95	2.09	80
OP-5S1515B	4	1.2~2.4	1450	198	7	285	11.22	1/4	0.95	2.09	80
OP-5S1508B	4	1.6~3.1	800	198	7	285	11.22	1/4	0.95	2.09	80
OP-5S1508A	5	2.2~4.3	800	198	7	285	11.22	1/4	0.95	2.09	80
OP-5S5115C	3.5	0.9~1.6	1500	198	7	195	7.68	1/4	0.98	2.09	80
OP-5S5115B	4	1.2~2.4	1500	198	7	195	7.68	1/4	0.98	2.09	80
OP-5S5108B	4	1.6~3.1	800	198	7	195	7.68	1/4	0.98	2.09	80
OP-5S5108A	5	2.2~4.3	800	198	7	195	7.68	1/4	0.98	2.09	80
OP-5S5103	5~6	4.5~10	390	198	7	224	8.81	1/4	1.15	2.53	80