

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

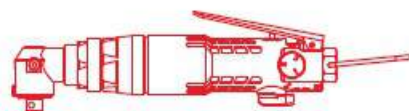
• FLOW / 流率

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

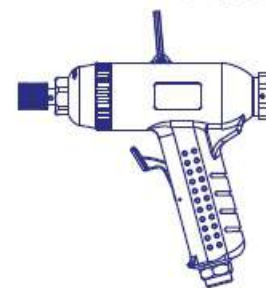
ANGLE 彎頭型



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

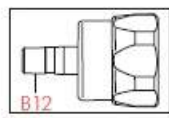
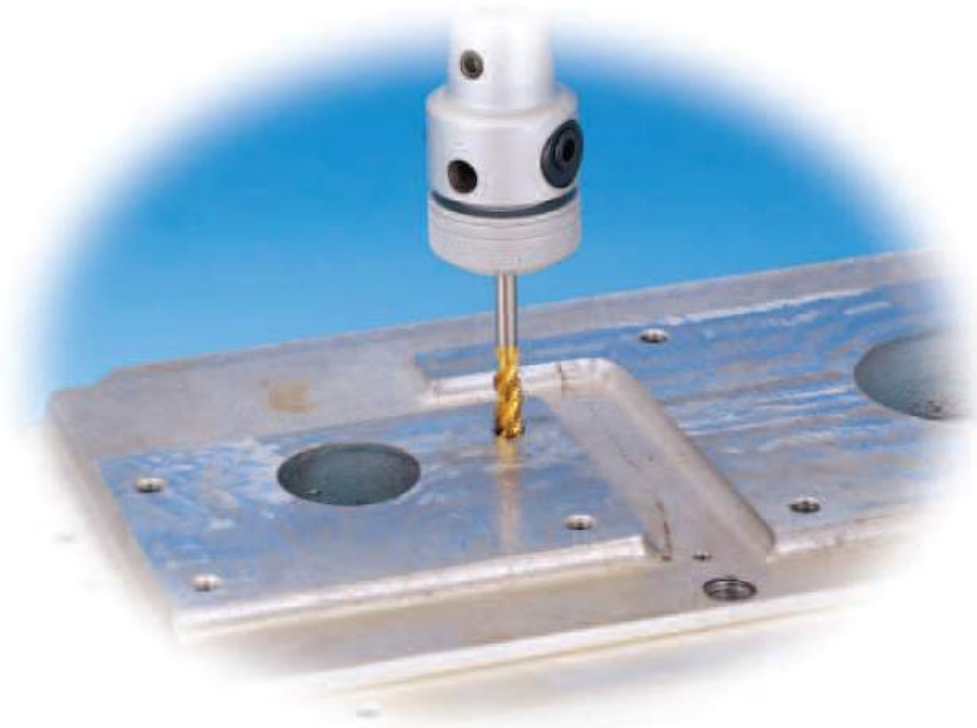
MODEL 型 號	106A	106B		2S2110	5SLA15	5SLA08	5SLA03	
	1S0625	1S0607		5S1515C	2S3215	5S5108A	2S4304	
				5S5115C	5S1508B	5S1508A	5S5103	
					5S1515B	2S3208		
					5S5108B	2S4307		
					5S5115B			
SCREW SIZE 螺絲尺寸	2mm	2.5mm	3mm	3.5mm	4mm	5mm	6mm	8mm

IMPACT WRENCH 衝擊型扳手

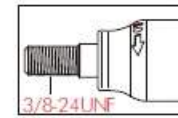
MODEL 型 號	301LB90	301B3	311LH3	308DW	100B	130LH4	130B	603D	936D2	912D2	913D2	914D2
		301LB3	310LH3	310DB4		100LB	131LB	908D			915DA	
		403LB3	306B	330D4		906D4		909D				
			310B3	310LD4		606D4						
			328B3	409WHA								
			809B1	310LB3								
			306SL1	328LB3								
				406LB								
				605D4								
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 Tapping

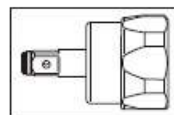
氣動攻牙機



OP-11AKH
Handle exhaust
下排氣



OP-304B2
Push to start type
Rear exhaust
觸壓啟動型
後排氣



OP-601AKI 3/8"
Handle exhaust
下排氣

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

MODEL 型號	Tapping Capacity 攻牙能力		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
	Aluminum(mm)	Iron(mm)		l/min	cfm	mm	inch		kg	lb	
OP-11AKH	3~12	3~8	150	184	6.5	200	7.87	1/4	1.72	3.79	82
OP-304B2	1~3	1~3	1000	141	5	280	11.02	1/4	0.74	1.63	77
OP-601AKI	6~12	6~8	150	198	7	245	9.65	1/4	1.77	3.9	82

Air Tapping

氣動攻牙機

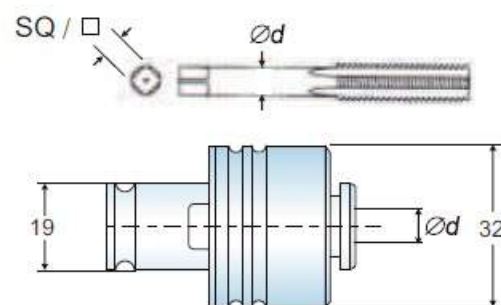
標準配備

Auto Screwdriving Machine

- Air Tapping anvil
- Extension Arm
- Fixed Seat
- Air filter Regulator
- Torque Chuck
- Please choose one size.

Sizes: (M3, M4, M5, M6, M8, M10, M12)

- 氣動攻牙主軸
- 伸長臂
- 固定座
- 三點組合
- 扭力筒夾
- 請任選一種
(M3, M4, M5, M6, M8, M10, M12)



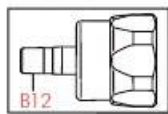
扭力筒夾規格表

Chuck standards and size list

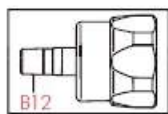
FOR TAP		JIS 日本標準規格		
Thread		ød		Order Code 訂貨號
M2		3	2.5	TCJISM2
M3	1/8"	4	3.2	TCJISM3
M4		5	4	TCJISM4
M5	3/16"	5.5	4.5	TCJISM5
M6	1/4"	6	4.5	TCJISM6
	5/16"	6.1	5	TCJISIW5/16
M8		6.2	5	TCJISM8
M10	3/8"	7	5.5	TCJISM10
	7/16"	8	6	TCJISIW7/16
M12		8.5	6.5	TCJISM12
	1/2"	9	7	TCJISIW1/2

FOR TAP		ISO 國際標準規格			DIN 371 德國標準規格			DIN 376 德國標準規格		
Thread		ø d		Order Code 訂貨號	ø d		Order Code 訂貨號	ø d		Order Code 訂貨號
M2										
M3	315	2.5	TCISOM3		3.5	2.7	TCDIN371M3	2.2	-	TCDIN376M3
M4	4	315	TCISOM4		4.5	3.4	TCDIN371M4	2.8	2.1	TCDIN376M4
M5	5	4	TCISOM5		6	4.9	TCDIN371M5	3.5	2.7	TCDIN376M5
M6	6.3	5	TCISOM6		6	4.9	TCDIN371M6	4.5	3.4	TCDIN376M6
M8	8	6.3	TCISOM8		8	6.2	TCDIN371M8	6	4.9	TCDIN376M8
M10	10	8	TCISOM10		10	8	TCDIN371M10	7	5.5	TCDIN376M10
M12	9	7.1	TCISOM12					9	7	TCDIN376M12

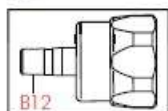
FOR TAP	ANSI 美國標準規格		
Thread	ø d		Order Code 訂貨號
1/2"	9.322	6.985	TCANSI W 1/2



OP-11AK
Handle exhaust
下排氣



OP-08AK
Rear exhaust
後排氣



OP-12AK
Rear exhaust
後排氣

Air Tapping Order Code Reference

Model 型 號	OP-11AK	OP-08AK	OP-12AK
Size 規格	Order Code 訂 貨 號		
M2		OP-08AK-2	
M3	OP-11AK-3	OP-08AK-3	OP-12AK-3
M4	OP-11AK-4	OP-08AK-4	OP-12AK-4
M5	OP-11AK-5	OP-08AK-5	OP-12AK-5
M6	OP-11AK-6	OP-08AK-6	OP-12AK-6
M8	OP-11AK-8	OP-08AK-8	OP-12AK-8
M10	OP-11AK-10		OP-12AK-10
M12	OP-11AK-12		OP-12AK-12
1/8"	OP-11AK-1/8"	OP-08AK-1/8"	OP-12AK-1/8"
3/16"	OP-11AK-3/16"	OP-08AK-3/16"	OP-12AK-3/16"
1/4"	OP-11AK-1/4"	OP-08AK-1/4"	OP-12AK-1/4"
5/16"	OP-11AK-5/16"	OP-08AK-5/16"	OP-12AK-5/16"
3/8"	OP-11AK-3/8"	OP-08AK-3/8"	OP-12AK-3/8"
7/16"	OP-11AK-7/16"		OP-12AK-7/16"
1/2"	OP-11AK-1/2"		OP-12AK-1/2"

備註：
筒夾標準出貨規格為JIS，如需其他規格筒夾，請參考扭力筒夾規格表，並於訂單上註明筒夾規格。

NOTICE:
When different sizes or standard chucks are needed, please refer to the chuck standards and size list and note on the purchase order, otherwise, the chuck will be JIS.

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筒夾標準出貨規格為JIS，如需其他規格筒夾，請參考扭力筒夾規格表，並於訂單上註明筒夾規格。

NOTICE:

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

MODEL 型 號	Tapping Capacity 攻牙能力		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
	Aluminum鋁(mm)	Iron鐵(mm)	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
OP-11AK	3~12	3~8	150	184	6.5	255	10.04	1/4	1.73	3.81	82
OP-08AK	2~8	2~4	350	226	8	290	11.42	1/4	1.68	3.7	87
OP-12AK	3~12	3~10	100	226	8	310	12.2	1/4	1.86	4.1	87