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= { 39.3701 in / 3.28084 ft

- **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= { 0.101972 kgm / 0.7375562 lbf x ft

- **PRESSURE / 壓力**
  1bar=100 kPa
  1kg/cm²(at)=98.0665 kPa
  1psi=6.89476 kPa
  1kPa= { 0.01bar / 0.0101972 kg/cm²(at) / 0.145038 psi

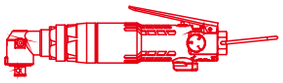
- **POWER / 功率**
  1kpm/s=9.80665 w
  1kcal/s=4.1868 kw
  1kcal/h=1.163 w
  1hk=735.499 w
  1hp=745.7 w
  1kw= { 101.972 kpm/cm²(at) / 0.238846 kcal/s / 859.845 kcal/h / 1.35962 hk / 1.34102 hp

- **FLOW / 流率**
  1m³/min=16.6667 L/s=35.335 cfm
  1cfm=0.471947 L/s=0.0283 m³/min 1L/s=2.1189 cfm
  1m³/h=0.277778 L/s

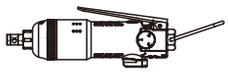
Air Screwdriver and Air Wrench Selection Guide

氣動螺絲起子與氣動扳手選用建議

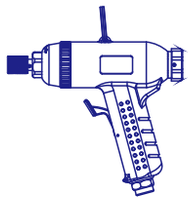
ANGLE 彎頭型



STRAIGHT 直柄型



PISTOL 手槍型



■ IMPACT SCREWDRIVER 衝擊型螺絲起子

MODEL 型號								
					301L90	301A1	311LHA	100A1
					305	301AH	310LHA	308DA1
					320	808A1	306	310DA
					403LN	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

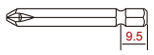
MODEL 型號												
	301LB90	301B3	311LH3	308DW	100B	130LH4	130B	603D	936D2	912D2	913D2	914D2
		301LB3	310LH3	310DB4		100LB	131LB	908D				
		403LB3	306B	330D4		906D4		909D				
			310B3	310LD4		606D4						
			328B3	409WHA								
			809B1	310LB3								
			306SL1	328LB3								
				406LB								
			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



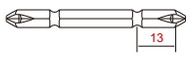
Air Screwdriver Two Hammer Type

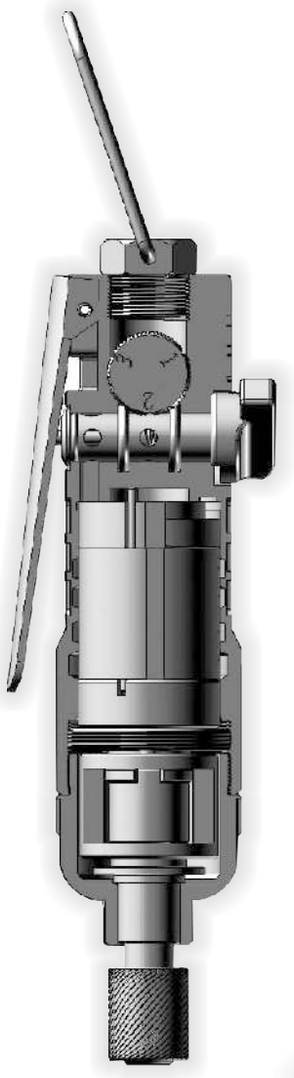
氣動螺絲起子:雙鎚式

F Type:



Q Type:





- High impack frequency.
- Low Counteraction

APPLICATION：

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

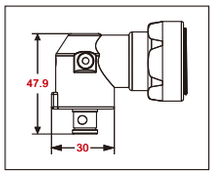
- 沖擊頻率高
- 反作用力小

用　途：

- 高量產工業尤佳(藤器、木器、馬達、鋁製品、五金工業等)



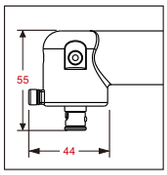
OP-301L90 F
Rear exhaust
後排氣



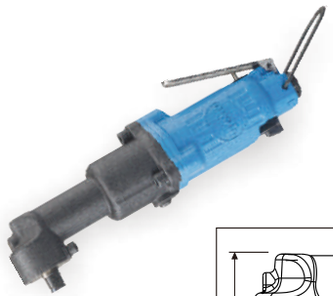
UNIT：(mm)



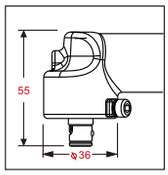
OP-311LHA F
Rear exhaust
後排氣



UNIT：(mm)



OP-310LHA F
Side exhaust
側排氣



UNIT：(mm)

SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

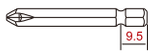
MODEL 型　號	Screw Size Capacity 螺絲攻拆尺寸	Working Torque 工作扭力		MAX. Torque 最大扭力		Free Speed 無負荷轉速	Air Consumption 耗 氣 量		Overall Length 全　長		Air Inlet 入氣接頭	Net Weight 重　量		Sound Level 噪音值
	mm	Nm	ft-lb	Nm	ft-lb	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
OP-301L90	4	15	11	40	30	9000	141	5	240	9.45	1/4	1.22	2.69	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

F Type:



Q Type:





OP-305 Q
360° Rotate side exhaust
360°調整側排氣



OP-320 Q
Push to start
Rear exhaust
觸壓啓動
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
二段式扳機啓動
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
二段式扳機啓動
後排氣

SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

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-305	4	20	15	30	22	13500	141	5	170	6.69	1/4	0.57	1.26	89
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

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Air Screwdriver Two Hammer Type

氣動螺絲起子:雙鎚式

F Type:



Q Type:





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



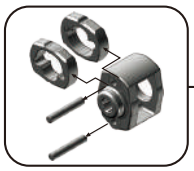
OP-328LQ Q
OP-328LF F
360° Rotate handle exhaust
360° 調整下排氣



OP-100LA1 Q
Side exhaust
側排氣

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

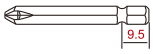
MODEL 型號	Screw Size Capacity 螺絲攻拆尺寸	Working Torque 工作扭力		MAX. Torque 最大扭力		Free Speed 無負荷轉速	Air Consumption 耗氣量		Overall Length 全長		Air Inlet 入氣接頭	Net Weight 重量		Sound Level 噪音值
	mm	Nm	ft-lb	Nm	ft-lb	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
OP-403LN	4~5	25	18	35	26	11500	170	6	155	6.1	1/4	0.9	1.98	87
OP-301L	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

F Type:



Q Type:





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-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

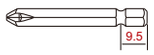
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Air Screwdriver Clutch Type

氣動螺絲起子:離合式

F Type:



Q Type:





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

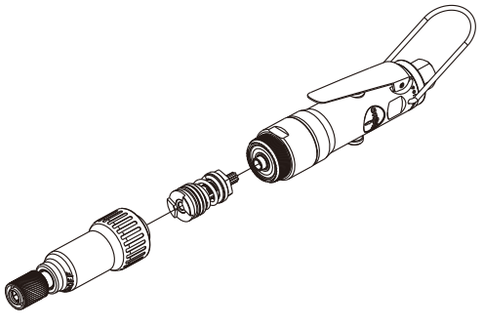
APPLICATION：

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

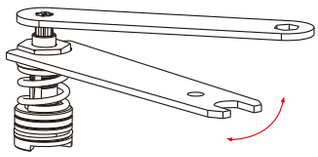
- 扭力到達，離合器自動空轉，保護工作件不受損
- 可調整扭力設計

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)



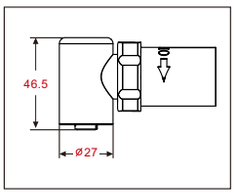
The method of adjusting torque:
Adjusting torque by using added wrench.
扭力調整方式：
使用附加扳手調整





OP-302L90 F

360° Rotate side exhaust
360°調整側排氣



UNIT：(mm)

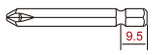
SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

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	ft-lb	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
OP-302L90	5	2.5	1.8	1900	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

F Type: 

Q Type: 



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
觸壓啓動型
後排氣



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



OP-302 Q
360° Rotate side exhaust
360°調整側排氣



OP-103G Q
Side exhaust
側排氣

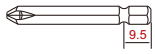
SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

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	ft-lb	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
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	2400	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

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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

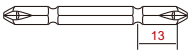


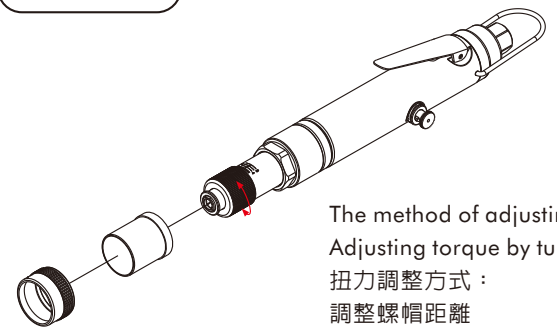
OP-301LCG Q
Handle exhaust
下排氣



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

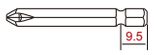
SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

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	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



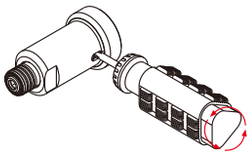
Air Screwdriver Clutch Type

氣動螺絲起子:離合式

F Type: 

Q Type: 

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/cm^2)

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	ft-lb	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
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

F Type: 

Q Type: 

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
OP-3G8406 F
Composite handle
Handle exhaust
複合材料把手
下排氣

SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

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
	mm	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
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
OP-3G8406	5	660	283	10	172	6.77	1/4	1.04	2.29	88

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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.

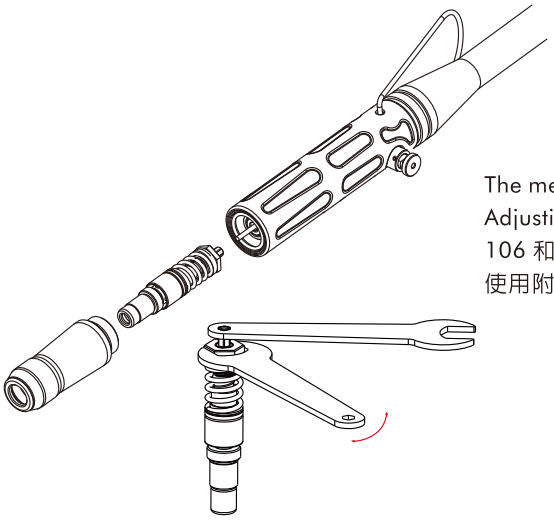
APPLICATION :

- Apply to release or fasten heavy-precise screws.
- Apply especially to industry assembly lines such as computer, instrument, and electric.

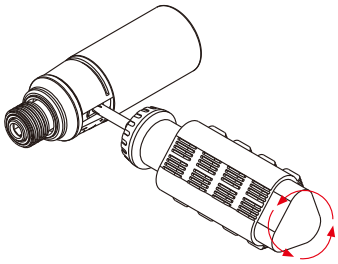
- 觸壓啓動設計，所設定之扭力到達時，全部自動停止
- 耗氣量少，節約能源

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



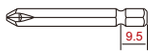
The method of adjusting torque for 2S series:
Adjusting torque by using PH1 screwdriver.
2S系列扭力調整方式：
使用PH1起子調整



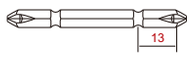
Air Screwdriver Torque Control Type

氣動螺絲起子:扭力控制式

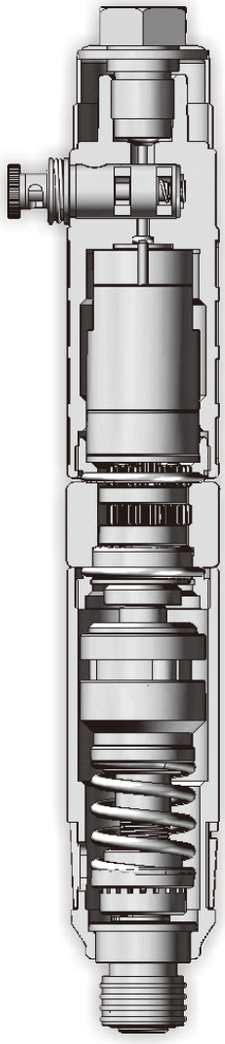
F Type:



Q Type:



- 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 觸壓啓動
Air shut off 自動斷氣
Rear exhaust with muffler 後排氣低噪音



OP-106B
Push to start 觸壓啓動
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 觸壓啓動
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 觸壓啓動
Air shut off 自動斷氣
Rear exhaust with muffler 後排氣低噪音



OP-2S2110 F
Push to start 觸壓啓動
Air shut off 自動斷氣
Rear exhaust 後排氣



OP-2S3208
OP-2S3215 F
Push to start 觸壓啓動
Air shut off 自動斷氣
Rear exhaust 後排氣



OP-2S4304
OP-2S4307 F
Push to start 觸壓啓動
Air shut off 自動斷氣
Rear exhaust 後排氣

SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

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-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-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

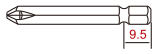
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Air Screwdriver Torque Control Type

氣動螺絲起子:扭力控制式

F Type:

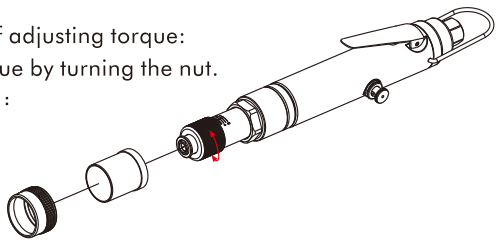


Q Type:



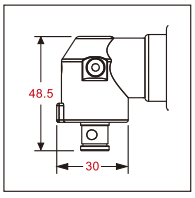


The method of adjusting torque:
Adjusting torque by turning the nut.
扭力調整方式：
調整螺帽距離





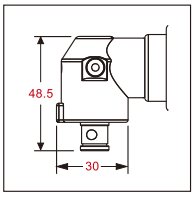
OP-5SLA08
OP-5SLA15 F
Air shut off
Rear exhaust
自動斷氣
後排氣



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)

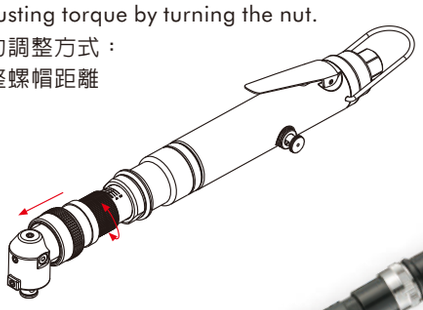
MODEL 型號	Screw Size Capacity 螺絲攻拆尺寸	MAX. Torque 最大扭力	Free Speed 無負荷轉速	Air Consumption 耗氣量		Overall Length 全長		Air Inlet 入氣接頭	Net Weight 重量		Sound Level 噪音值
	mm	Nm	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
OP-5SLA15	4	1.2～2.4	1450	198	7	340	13.39	1/4	1.22	2.69	80
OP-5SLA08	5	2.2～4.3	800	198	7	340	13.39	1/4	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



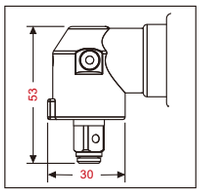
Air Wrench Torque Control Type

氣動扳手:扭力控制式

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

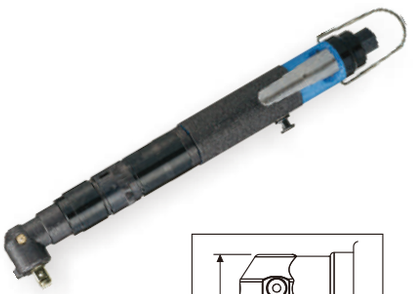


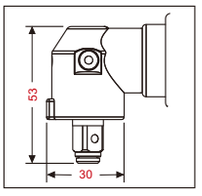




UNIT：(mm)

OP-5SLB08 3/8"
OP-5SLB15 3/8"
Air shut off
Rear exhaust
後排氣

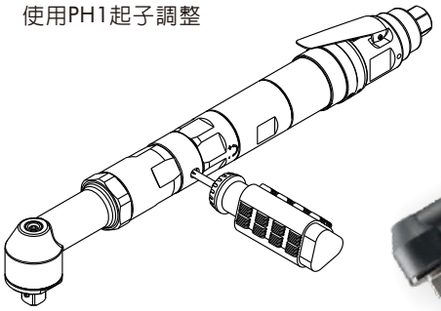


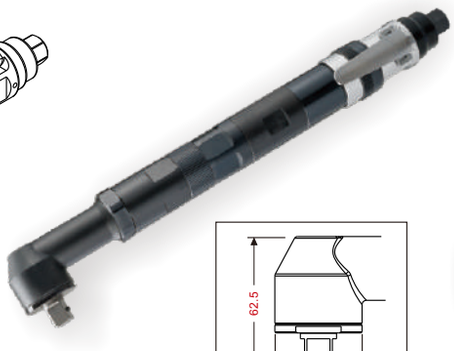


UNIT：(mm)

OP-5SLB03 3/8"
Air shut off
Rear exhaust
後排氣

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





UNIT：(mm)

OP-AN711044 1/2"
OP-AN711024 1/2"
Air shut off
Rear exhaust
後排氣



UNIT：(mm)

OP-AN711004 1/2"
Air shut off
Rear exhaust
後排氣

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

MODEL 型號	Bolt Size Capacity 螺栓規格	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-5SLB15	M4	1.2～2.4	1450	198	7	340	13.39	1/4	1.22	2.69	80
OP-5SLB08	M5	2.2～4.3	800	198	7	340	13.39	1/4	1.22	2.69	80
OP-5SLB03	M6	4～10	340	198	7	350	13.77	1/4	1.3	2.86	80
OP-AN711044	M8	17～30	450	240	8.5	402	15.83	1/4	2.21	4.87	90
OP-AN711024	M8~M10	28～43	280	240	8.5	402	15.83	1/4	2.21	4.87	90
OP-AN711004	M10	33～60	80	240	8.5	416	16.38	1/4	2.3	5.06	90

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Air Wrench Two Hammer Type

氣動扳手:雙鎚式



- High impack frequency.
- Low counteraction.

APPLICATION :

- Apply to release or fasten small bolts especially in heavy-productive assembly lines such as motor-vehicles, bicycles, and motor.

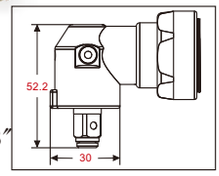
- 衝擊頻率高
- 反作用力小

用 途 :

- 小型螺帽攻拆專用如汽機車、自行車、馬達等高精度產量裝配維修廠



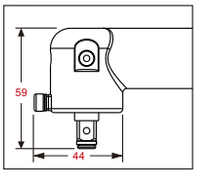
OP-301LB90 3/8″
Rear exhaust
後排氣



UNIT : (mm)



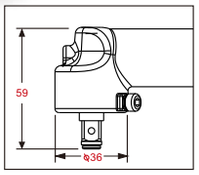
OP-311LH3 3/8″
Rear exhaust
後排氣



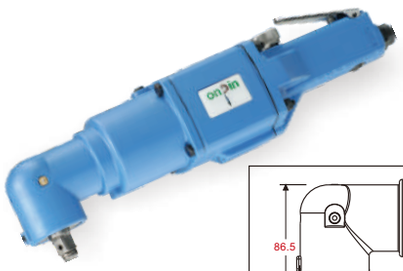
UNIT : (mm)



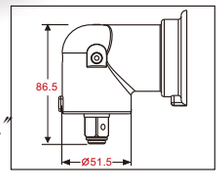
OP-310LH3 3/8″
Side exhaust
側排氣



UNIT : (mm)



OP-130LH4 1/2″
Side exhaust
側排氣



UNIT : (mm)

SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

MODEL 型號	Bolt Size Capacity 螺栓規格	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-301LB90	M6	17	13	40	30	9000	141	5	240	9.45	1/4	1.22	2.69	83
OP-311LH3	M10	50	37	90	66	8500	240	8.5	265	10.43	1/4	1.58	3.48	90
OP-310LH3	M10	60	44	130	96	7000	198	7	240	9.45	1/4	1.62	3.57	92
OP-130LH4	M14~M16	220	162	270	200	4000	283	10	375	14.76	1/4	5	11.02	96



Air Wrench Two Hammer Type

氣動扳手:雙鎚式



OP-301B2 1/4″
OP-301B3 3/8″
Side exhaust
側排氣



OP-306B 3/8″
Rear exhaust
後排氣



OP-809B1 3/8″
Rear exhaust with muffler
後排氣低噪音



OP-310B3 3/8″
Side exhaust
側排氣



OP-328B3 3/8″
360° Rotate side exhaust
360°調整側排氣



OP-100B 1/2″
Rear exhaust
後排氣



OP-130B 1/2″
Side exhaust
側排氣

SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

MODEL 型號	Bolt Size Capacity 螺栓規格	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-301B	M8	27	20	35	26	11000	127	4.5	178	7.01	1/4	0.68	1.5	89
OP-306B	M10	80	59	200	148	8000	212	7.5	225	8.86	1/4	1.07	2.36	90
OP-809B1	M10	80	59	130	96	8000	184	6.5	230	9.06	1/4	1.2	2.65	80
OP-310B3	M10~M12	90	66	240	177	8000	254	9	190	7.48	1/4	1.06	2.34	97
OP-328B3	M10~M12	100	73	240	177	8800	268	9.5	198	7.79	1/4	1.05	2.31	98
OP-100B	M12~M14	160	118	280	207	5500	240	8.5	260	10.24	1/4	1.7	3.75	85
OP-130B	M16~M18	320	236	500	369	4400	283	10	330	13	1/4	3.4	7.5	95

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Air Wrench Two Hammer Type
氣動扳手:雙鎚式



OP-301LB2 1/4″
OP-301LB3 3/8″
Handle exhaust
下排氣



OP-403LB2 1/4"
OP-403LB3 3/8″
Handle exhaust
下排氣



OP-306SL1 3/8″
360° Rotate handle exhaust
360° 調整下排氣



OP-406LB 3/8″
Handle exhaust
下排氣



OP-310LB3 3/8"
Side exhaust
側排氣



OP-328LB3
360° Rotate handle exhaust
360° 調整下排氣



OP-100LB 1/2″
Side exhaust
側排氣



OP-131LB 1/2″
Side exhaust
側排氣

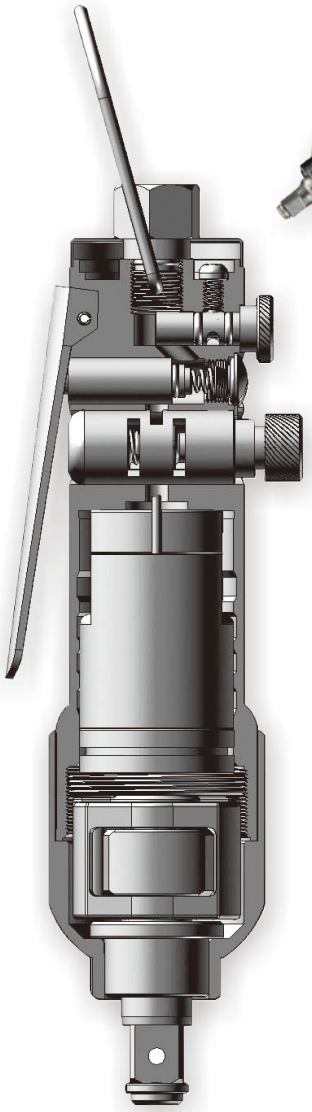
SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm²)

MODEL 型號	Bolt Size Capacity 螺栓規格	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-301LB	M8	27	20	35	26	13000	198	7	145	5.71	1/4	0.9	1.98	88
OP-403LB	M8	27	20	30	22	11500	170	6	155	6.1	1/4	0.9	1.98	87
OP-306SL1	M10	80	59	200	148	8000	226	8	183	7.2	1/4	1.2	2.65	87
OP-406LB	M12	100	74	190	140	8000	283	10	160	6.3	1/4	1.2	2.65	87
OP-310LB3	M12	110	81	240	177	7700	283	10	185	7.28	1/4	1.34	2.89	93
OP-328LB3	M12	110	81	240	177	8000	254	9	183	7.2	1/4	1.24	2.73	87
OP-100LB	M16	270	199	440	325	5000	240	8.5	180	7.09	1/4	2.3	5.07	92
OP-131LB	M18	360	266	580	428	4300	283	10	210	8.27	1/4	3.1	6.83	96



Air Wrench Single Ring Type

氣動扳手:單環式





OP-308DW 1/2″
OP-308D 3/8″
Rear exhaust
後排氣



OP-310DB3 3/8″
OP-310DB4 1/2″
Side exhaust
側排氣



OP-330D3 3/8″
OP-330D4 1/2″
360° Rotate side exhaust
360°調整側排氣



OP-310LD3 3/8″
OP-310LD4 1/2″
Side exhaust
側排氣



OP-409W 3/8″
OP-409WHA 1/2″
Handle exhaust
下排氣



OP-601DB 3/8″
OP-601D 1/2″
Side exhaust
側排氣

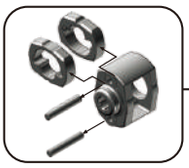


OP-605D4 1/2″
Handle exhaust
下排氣

SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

MODEL 型號	Bolt Size Capacity 螺栓規格	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-308DW	M12	120	86	230	170	8100	240	8.5	220	8.66	1/4	1.32	2.91	85
OP-308D	M12	120	86	230	170	8100	240	8.5	220	8.66	1/4	1.32	2.91	85
OP-310DB3	M12	120	86	300	221	8800	254	9	200	7.87	1/4	1.18	2.6	96
OP-310DB4	M12	120	86	300	221	8800	254	9	200	7.87	1/4	1.18	2.6	96
OP-330D3	M12	140	103	300	221	8500	268	9.5	200	7.87	1/4	1.2	2.65	98
OP-330D4	M12	140	103	300	221	8500	268	9.5	200	7.87	1/4	1.2	2.65	98
OP-310LD3	M12	120	86	270	200	8000	254	9	185	7.28	1/4	1.5	3.3	96
OP-310LD4	M12	120	86	270	200	8000	254	9	185	7.28	1/4	1.5	3.3	96
OP-409W	M12	120	86	270	200	8500	254	9	155	6.1	1/4	1.32	2.91	88
OP-409WHA	M12	120	86	270	200	8500	254	9	155	6.1	1/4	1.32	2.91	88
OP-601DB	M12	120	86	270	200	8500	240	8.5	155	6.1	1/4	1.54	3.4	94
OP-601D	M12	120	86	270	200	8500	240	8.5	155	6.1	1/4	1.54	3.4	94
OP-605D4	M12	120	86	300	221	9500	240	8.5	155	6.1	1/4	1.42	3.13	82

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Air Wrench Twin Ring Type

扳手系列:雙環式



OP-906D4 1/2″
Handle exhaust
下排氣



OP-606D4 1/2″
Handle exhaust
下排氣



OP-603D 1/2"
Side exhaust
側排氣



OP-908D 1/2"
Handle exhaust
下排氣



OP-909D 1/2"
Composite handle
Handle exhaust
複合材料把手
下排氣



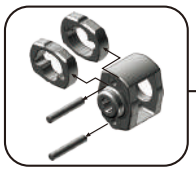
OP-936D2 3/4″
Handle exhaust
下排氣



OP-936D4 3/4″
Handle exhaust
下排氣

SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

MODEL 型號	Bolt Size Capacity 螺栓規格	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-906D4	M16	270	200	450	332	10000	311	11	140	5.51	1/4	1.6	3.52	92
OP-606D4	M16	300	221	480	354	9000	296	10.5	136	5.35	1/4	1.47	3.24	98
OP-603D	M18~M20	450	332	560	413	6000	325	11.5	180	7.09	1/4	2.57	5.67	95
OP-908D	M18~M20	450	332	600	443	6700	297	10.5	190	7.48	1/4	2.68	5.91	96
OP-909D	M18~M20	450	332	550	406	7300	311	11	210	8.27	1/4	2.15	4.74	90
OP-936D2	M22	820	604	950	700	5400	424	15	223	8.78	1/4	4.1	9.04	93
OP-936D4	M22	820	604	950	700	5400	424	15	268	10.55	1/4	4.25	9.37	93



Air Wrench Twin Ring Type

氣動扳手:雙環式

Outside trigger
外板機



Inside trigger
內板機



OP-912D2 3/4"
Side exhaust
側排氣

- Outside trigger : OP-912D2 with driver anvil length 1/2"
  OP-912D4 with driver anvil length 2-1/4"
- 外板機：OP-912D2輸出軸長為1/2"
  OP-912D4輸出軸長為2-1/4"
- Inside trigger : OP-912DZ2 with driver anvil length 1/2"
  OP-912DZ4 with driver anvil length 2-1/4"
- 內板機：OP-912DZ2輸出軸長為1/2"
  OP-912DZ4輸出軸長為2-1/4"





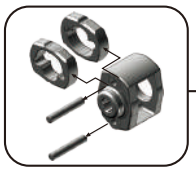
OP-913D2 1"
Side exhaust
Light type
側排氣
輕量型

- Outside trigger : OP-913D2 with driver anvil length 1/2"
  OP-913D6 with driver anvil length 6-1/2"
- 外板機：OP-913D2輸出軸長為1/2"
  OP-913D6輸出軸長為6-1/2"
- Inside trigger : OP-913DZ2 with driver anvil length 1/2"
  OP-913DZ6 with driver anvil length 6-1/2"
- 內板機：OP-913DZ2輸出軸長為1/2"
  OP-913DZ6輸出軸長為6-1/2"

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

MODEL 型號	Bolt Size Capacity 螺栓規格	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-912D2	M22~M24	900	664	1000~1300	730~950	4300	424	15	348	13.7	3/8	5.1	11.24	102
OP-912D4	M22~M24	900	664	1000~1300	730~950	4300	424	15	393	15.47	3/8	5.25	11.57	102
OP-912DZ2	M22~M24	900	664	1000~1300	730~950	4300	424	15	348	13.7	3/8	5.1	11.24	102
OP-912DZ4	M22~M24	900	664	1000~1300	730~950	4300	424	15	393	15.47	3/8	5.25	11.57	102
OP-913D2	M27	1400	1032	1800~2000	1320~1470	4000	424	15	350	13.78	3/8	6.6	14.55	102
OP-913D6	M27	1400	1032	1800~2000	1320~1470	4000	424	15	500	19.69	3/8	7.4	16.31	102
OP-913DZ2	M27	1400	1032	1800~2000	1320~1470	4000	424	15	350	13.78	3/8	6.6	14.55	102
OP-913DZ6	M27	1400	1032	1800~2000	1320~1470	4000	424	15	500	19.69	3/8	7.4	16.31	102

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Air Wrench Twin Ring Type

氣動扳手:雙環式

Outside trigger
外板機



Inside trigger
內板機



OP-914D2 1"
Side exhaust
側排氣

- Outside trigger : OP-914D2 with driver anvil length 1/2"
  OP-914D6 with driver anvil length 6-1/2"
- 外板機：OP-914D2輸出軸長為1/2"
  OP-914D6輸出軸長為6-1/2"
- Inside trigger : OP-914DZ2 with driver anvil length 1/2"
  OP-914DZ6 with driver anvil length 6-1/2"
- 內板機：OP-914DZ2輸出軸長為1/2"
  OP-914DZ6輸出軸長為6-1/2"





OP-914DA3 1-1/2"
Side exhaust
側排氣

- Outside trigger : OP-914DA3 with driver anvil length 1/2"
  OP-914DA6 with driver anvil length 6"
- 外板機：OP-914DA3輸出軸長為1/2"
  OP-914DA6輸出軸長為6"
- Inside trigger : OP-914DAZ3 with driver anvil length 1/2"
  OP-914DAZ6 with driver anvil length 6"
- 內板機：OP-914DAZ3輸出軸長為1/2"
  OP-914DAZ6輸出軸長為6"

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

MODEL 型號	Bolt Size Capacity 螺栓規格	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-914D2	M30	2000	1475	2500~2900	1840~2130	2800	452	16	393	15.47	3/8	10.3	22.71	100
OP-914D6	M30	2000	1475	2500~2800	1840~2060	2800	452	16	543	21.38	3/8	12.3	27.12	100
OP-914DZ2	M30	2000	1475	2500~2900	1840~2130	2800	452	16	393	15.47	3/8	10.3	22.71	100
OP-914DZ6	M30	2000	1475	2500~2800	1840~2060	2800	452	16	543	21.38	3/8	12.3	27.12	100
OP-914DA3	M30	2000	1475	2700~3000	1990~2210	2800	452	16	418	16.46	3/8	11.54	25.44	100
OP-914DAZ3	M30	2000	1475	2700~3000	1990~2210	2800	452	16	418	16.46	3/8	11.54	25.44	100
OP-914DA6	M30	2000	1475	2700~3000	1990~2210	2800	452	16	543	21.38	3/8	13.26	29.23	100
OP-914DAZ6	M30	2000	1475	2700~3000	1990~2210	2800	452	16	543	21.38	3/8	13.26	29.23	100

Air Ratchet Wrench

氣動棘輪扳手



OP-RW1016
Rear exhaust
後排氣



OP-RW10172 1/4″
OP-RW10173 3/8″
Rear exhaust
後排氣



OP-RW11473 3/8″
OP-RW11474 1/2″
Rear exhaust
後排氣



OP-RW10223 3/8″
OP-RW10224 1/2″
Rear exhaust
後排氣



OP-121 1/2″
Front exhaust
前排氣

SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

MODEL 型號	Hex Size 六角尺寸	Bolt Size Capacity 螺栓規格	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	mm	Nm	ft-lb	Nm	ft-lb	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
OP-RW1016	8,10,12,13,14		10	7	41	30	450	141	5	188	7.4	1/4	0.55	1.21	77
OP-RW10172		M6	10	7	34	25	250	141	5	181	7.13	1/4	0.55	1.21	85
OP-RW10173		M6	10	7	34	25	250	141	5	181	7.13	1/4	0.55	1.21	85
OP-RW11473		M10	80	59	100	74	140	310	11	275	10.82	1/4	1.45	3.19	85
OP-RW11474		M10	80	59	100	74	140	310	11	275	10.82	1/4	1.45	3.19	85
OP-RW10223		M10	50	37	95	70	180	170	6	266	10.47	1/4	1.2	2.65	85
OP-RW10224		M10	50	37	95	70	180	170	6	266	10.47	1/4	1.2	2.65	85
OP-121		M10	43	32	100	74	150	339	12	360	14.17	1/4	2.06	4.54	92

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Air Ratchet Wrench

氣動棘輪扳手

- The ratchet wrench can be used in narrow working spaces and can fasten bolts and nuts easily. This special tool can be reached tight place that other air tools can not.
- Remove:First, loosen nut by wrench then take nut out with air ratchet.
- Fasten:Push trigger to position the nut then lock it with torque wrench.

- 棘輪板手主要功能，是解決其他氣動工具，無法深入極小空間裡、鎖緊螺絲或螺帽之特殊工具。
- 拆卸：應先以扳手鬆開螺帽後，再觸壓板機。
- 上緊：觸壓板機將螺帽定位後，再以扭力扳手上緊。



OP-812LS
Rear exhaust
後排氣



OP-814LS
Rear exhaust
後排氣



OP-814LSB
Rear exhaust
後排氣



OP-819LS
Rear exhaust
後排氣



OP-827LS
Rear exhaust
後排氣



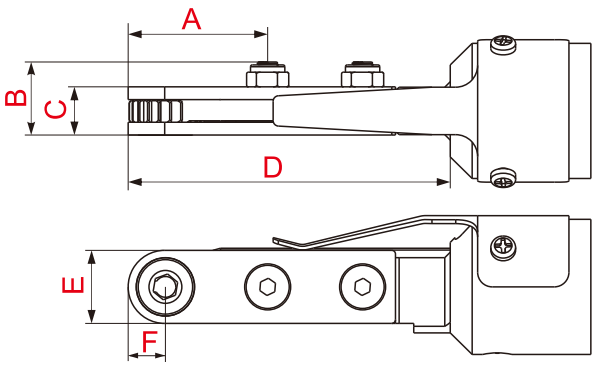
OP-832LS
Rear exhaust
後排氣



OP-836LS
Rear exhaust
後排氣

SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

MODEL 型號	Hex Size 六角尺寸	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-812LS	6, 7, 8, 9, 10, 11, 12, (1/4", 3/8")	10	7	10	7	180	127	4.5	285	11.22	1/4	1.28	2.82	86
OP-814LS	10, 11, 12, 13,14, (1/2", 9/16")	15	11	25	18	220	212	7.5	332	13.07	1/4	1.92	4.23	87
OP-814LSB	10, 11, 12, 13, 14, 15, 16, 17, 18, 19 (11/16")	15	11	25	18	190	212	7.5	338	13.3	1/4	2	4.4	87
OP-819LS	10, 11, 12, 13, 14, 15, 16, 17, 18, 19 (11/16")	80	59	90	66	150	353	12.5	390	15.35	1/4	2.42	5.33	92
OP-827LS	21, 22, 23, 24, 26, 27	80	59	90	66	130	353	12.5	398	15.66	1/4	2.48	5.46	92
OP-832LS	29, 30, 32	80	59	90	66	110	353	12.5	405	15.94	1/4	2.5	5.51	92
OP-836LS	35, 36	80	59	90	66	100	353	12.5	408	16.06	1/4	2.52	5.55	92



MODEL 型號	A mm	B mm	C mm	D mm	E mm	F mm
OP-812LS	38.2	20	13.2	88.2	20	10.2
OP-814LS	44.4	26	18	109	25.2	12.2
OP-814LSB	51	26	18	115	33.2	16.6
OP-819LS	51	26	18	115	33.2	16.6
OP-827LS	59	26	18	123	41	20.5
OP-832LS	66	26	18	130	48	24
OP-836LS	70	26	18	134	52	26

Air Ratchet Wrench Order Code Reference

Model 型號	OP-812LS	OP-814LS	OP-814LSB	OP-819LS	OP-827LS	OP-832LS	OP-836LS
Hex Size 六角尺寸	Order Code 訂貨號						
6mm	OP-812LS-6						
7mm	OP-812LS-7						
8mm	OP-812LS-8						
9mm	OP-812LS-9						
10mm	OP-812LS-10	OP-814LS-10	OP-814LSB-10	OP-819LS-10			
11mm	OP-812LS-11	OP-814LS-11	OP-814LSB-11	OP-819LS-11			
12mm	OP-812LS-12	OP-814LS-12	OP-814LSB-12	OP-819LS-12			
13mm		OP-814LS-13	OP-814LSB-13	OP-819LS-13			
14mm		OP-814LS-14	OP-814LSB-14	OP-819LS-14			
15mm			OP-814LSB-15	OP-819LS-15			
16mm			OP-814LSB-16	OP-819LS-16			
17mm			OP-814LSB-17	OP-819LS-17			
18mm			OP-814LSB-18	OP-819LS-18			
19mm			OP-814LSB-19	OP-819LS-19			
21mm					OP-827LS-21		
22mm					OP-827LS-22		
23mm					OP-827LS-23		
24mm					OP-827LS-24		
26mm					OP-827LS-26		
27mm					OP-827LS-27		
29mm						OP-832LS-29	
30mm						OP-832LS-30	
32mm						OP-832LS-32	
35mm							OP-836LS-35
36mm							OP-836LS-36
1/4"	OP-812LS-1/4"						
3/8"	OP-812LS-3/8"						
1/2"		OP-814LS-1/2"		OP-819LS-1/2"			
9/16"		OP-814LS-9/16"		OP-819LS-9/16"			
11/16"			OP-814LSB-11/16"	OP-819LS-11/16"			
1-1/8"						OP-832LS-1-1/8"	

Equal specifications: 5/16"<=>8mm, 5/8"<=>16mm, 3/4"<=>19mm, 1-1/16"<=>27mm, 1-3/8"<=>35mm
相等規格

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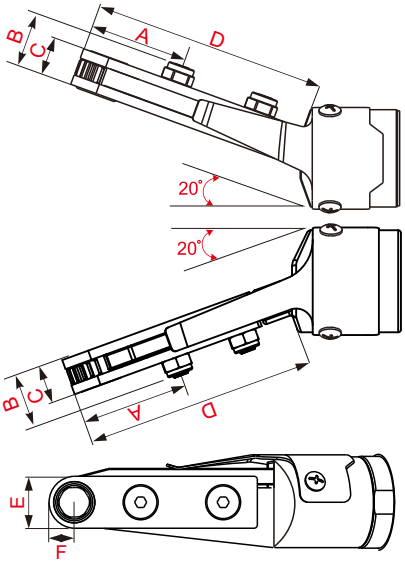
OP-812LR
Rear exhaust
後排氣



OP-812LL
Rear exhaust
後排氣



OP-814LR
Rear exhaust
後排氣



MODEL 型號	A mm	B mm	C mm	D mm	E mm	F mm
OP-812LR	38.2	20	13.2	83.9	20	10.2
OP-812LL	38.2	20	13.2	83.9	20	10.2
OP-814LR	44.4	26	18	105	25.2	12.2
OP-814LRB	51	26	18	111.5	33.2	16.6

Air Ratchet Wrench Order Code Reference

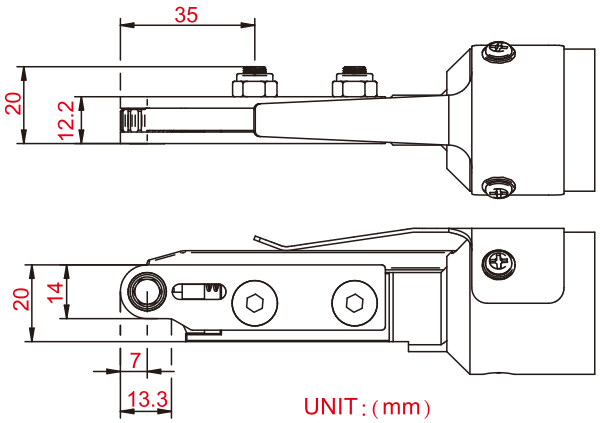
Model 型號	OP-812LR	OP-812LL	OP-814LR	OP-814LRB
Hex Size 六角尺寸	Order Code 訂貨號			
6mm	OP-812LR-6	OP-812LL-6		
7mm	OP-812LR-7	OP-812LL-7		
8mm	OP-812LR-8	OP-812LL-8		
9mm	OP-812LR-9	OP-812LL-9		
10mm	OP-812LR-10	OP-812LL-10	OP-814LR-10	OP-814LRB-10
11mm	OP-812LR-11	OP-812LL-11	OP-814LR-11	OP-814LRB-11
12mm	OP-812LR-12	OP-812LL-12	OP-814LR-12	OP-814LRB-12
13mm			OP-814LR-13	OP-814LRB-13
14mm			OP-814LR-14	OP-814LRB-14
15mm				OP-814LRB-15
16mm				OP-814LRB-16
17mm				OP-814LRB-17
18mm				OP-814LRB-18
19mm				OP-814LRB-19
1/4"	OP-812LR-1/4"	OP-812LL-1/4"		
3/8"	OP-812LR-3/8"	OP-812LL-3/8"		
1/2"			OP-814LR-1/2"	
9/16"			OP-814LR-9/16"	
11/16"				OP-814LRB-11/16"
Equal specifications: 5/16"<=>8mm, 5/8"<=>16mm, 3/4"<=>19mm 相等規格				

SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

MODEL 型號	Hex Size 六角尺寸	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-812LR	6, 7, 8, 9, 10, 11, 12 (1/4", 3/8")	10	7	10	7	180	127	4.5	281	11.06	1/4	1.28	2.82	86
OP-812LL	6, 7, 8, 9, 10, 11, 12 (1/4", 3/8")	10	7	10	7	180	127	4.5	281	11.06	1/4	1.28	2.82	86
OP-814LR	10, 11, 12, 13,1 4, (1/2", 9/16")	15	11	25	18	220	212	7.5	327	12.88	1/4	1.92	4.23	87
OP-814LRB	10, 11, 12, 13, 14, 15, 16, 17, 18, 19 (11/16")	15	11	25	18	190	212	7.5	333	13.11	1/4	2	4.4	87

Mini Air Ratchet Wrench

迷你氣動棘輪扳手



Air Ratchet Wrench Order Code Reference

Model 型 號	OP-806LS
Hex Size 六角尺寸	Order Code 訂 貨 號
6mm	OP-806LS-6
1/4"	OP-806LS-1/4"



OP-806LS
Rear exhaust
後排氣

SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

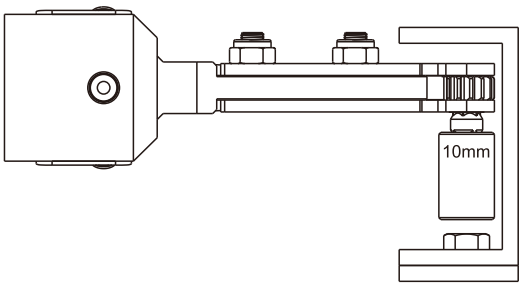
MODEL 型 號	Hex Size 六角尺寸	Working Torque 工作扭力		MAX. Torque 最大扭力		Free Speed 無負荷轉速	Air Consumption 耗 氣 量		Overall Length 全 長		Air Inlet 入氣接頭	Net Weight 重 量		Sound Level 噪音值
	mm	Nm	ft-lb	Nm	ft-lb	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
OP-806LS	6, 1/4"	10	7	10	7	250	127	4.5	282	11.1	1/4	1.26	2.77	86

Exclusive Bit

專用起子頭

- Used with OP-806LS-1/4" can be used with multi-size thin socket.
- 搭配 OP-806LS-1/4" 使用，可裝配多種尺寸薄型套筒使用。



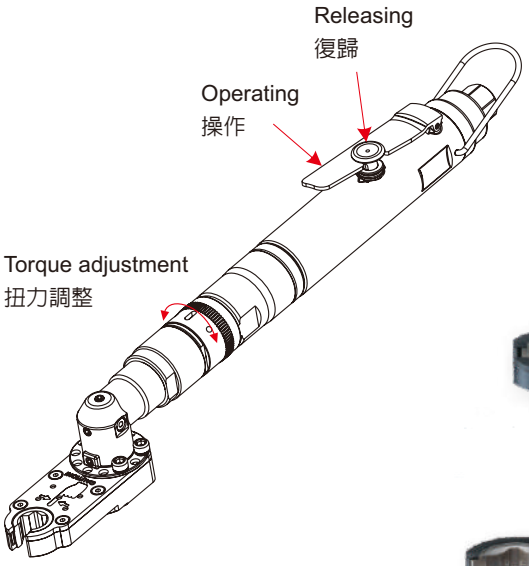


MODEL 型 號	□ Type 樣 式	⬡ Type 樣 式	Length 長 度	g 克	Packing 入 數
96A2025	1/4"	1/4"	25mm	10	10PCS

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Air Open-end Wrench

氣動開口扳手





OP-EW17
Air shut off 自動斷氣
Rear exhaust 後排氣



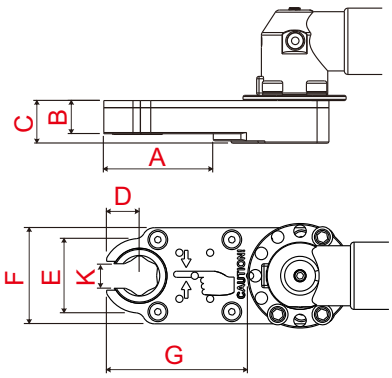
OP-EW24
Air shut off 自動斷氣
Rear exhaust 後排氣



OP-EW32
Air shut off 自動斷氣
Rear exhaust 後排氣



OP-EW55
Air shut off 自動斷氣
Rear exhaust 後排氣



MODEL 型號	A mm	B mm	C mm	D mm	E mm	F mm	G 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

SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

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 Lever 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, 1/2"	7.5~15	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"	10~20	150	198	7	438	17.24	1/4	1.84	4.05	87
OP-EW32	24, 26, 27, 29, 30, 32	12~24	115	198	7	461	18.14	1/4	2.09	4.6	87
OP-EW55	36, 38, 40, 41, 42, 46, 50, 55	14~28	100	198	7	504	19.84	1/4	2.52	5.55	87

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				K mm
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			16.1
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
40mm				OP-EW55-40	27
41mm				OP-EW55-41	28
46mm				OP-EW55-46	31
50mm				OP-EW55-50	34.5
55mm				OP-EW55-55	37.5
3/8"	OP-EW17-3/8"				6.5
1/2"	OP-EW17-1/2"				8.8
11/16"		OP-EW24-11/16"			11.5

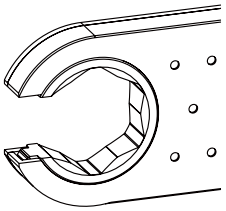
Equal specifications: 5/16"<=>8mm, 5/8"<=>16mm, 3/4"<=>19mm, 1-1/16"<=>27mm, 1-3/8"<=>35mm, 1-1/2"<=>38mm
相等規格：

Air Open-end Wrench Order Code Reference

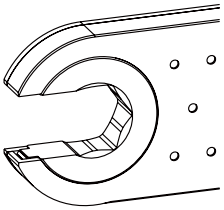
Model 型號	OP-EW17	OP-EW24	OP-EW32	OP-EW55	
Order Code 訂貨號					
Hex Size 六角尺寸	Insert Type 插入型				K mm
7mm	OP-EW17-SR7				7.1
8mm	OP-EW17-SR8				8.1
9mm	OP-EW17-SR9				9.1
10mm	OP-EW17-SR10				10.1
11mm	OP-EW17-SR11				11.1
12mm		OP-EW24-SR12			12.1
13mm		OP-EW24-SR13			13.1
14mm		OP-EW24-SR14			14.1
15mm		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
1/2"		OP-EW24-SR1/2"			12.85
9/16"		OP-EW24-SR9/16"			14.4
11/16"			OP-EW32-SR11/16"		17.6
13/16"			OP-EW32-SR13/16"		20.75

Air Open-end Wrench Order Code Reference

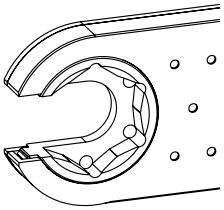
Model 型號	OP-EW17	OP-EW24	OP-EW32		
Order Code 訂貨號					
Hex Size 六角尺寸	Blind Type 擋口型			K mm	L mm
8mm	OP-EW17-BD8			5.6	5
10mm	OP-EW17-BD10			7	6.5
11mm	OP-EW17-BD11			8.1	6.5
12mm	OP-EW17-BD12			8.5	6.5
13mm	OP-EW17-BD13			9	9
14mm	OP-EW17-BD14			10.2	9
15mm	OP-EW17-BD15			10.5	9
16mm	OP-EW17-BD16			10.9	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		16.1	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



Standard Type
標準型



Insert Type
插入型

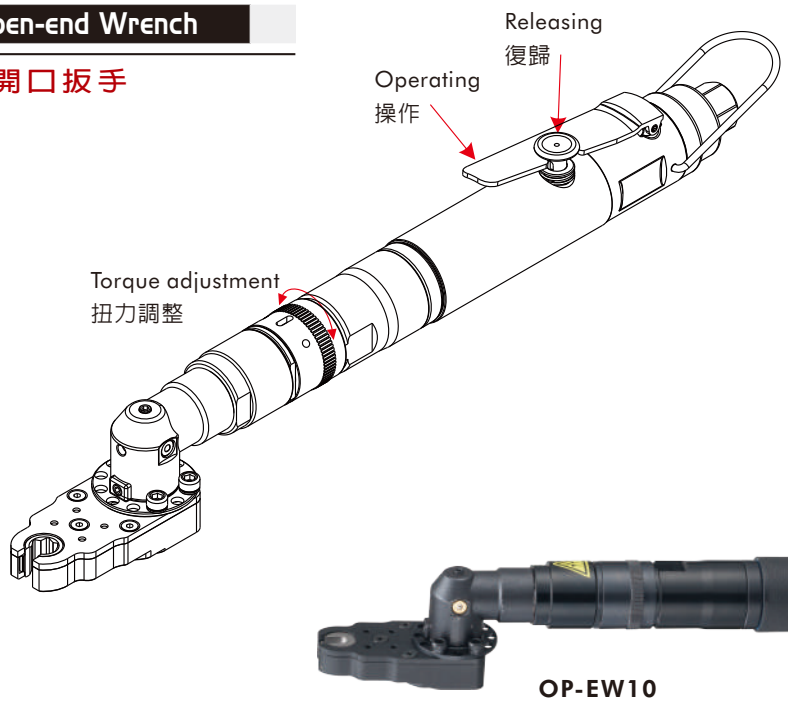


Blind Type
擋口型

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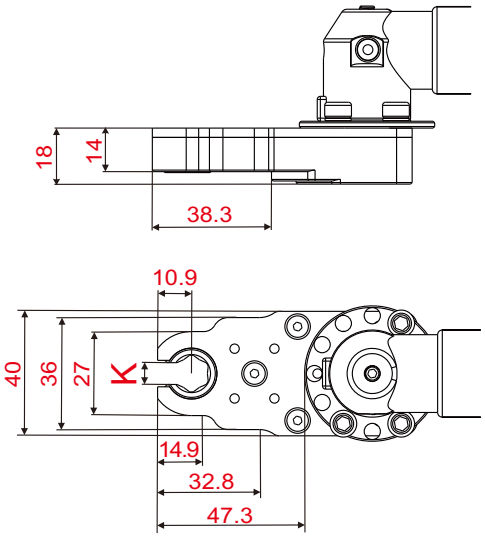
Air Open-end Wrench

氣動開口扳手



OP-EW10

Air shut off 自動斷氣
Rear exhaust 後排氣



UNIT : (mm)

Air Open-end Wrench Order Code Reference

Model 型 號	OP-EW10		
Order Code 訂 貨 號			
Hex Size 六角尺寸	Blind Type 擋 口 型	K mm	L mm
8mm	OP-EW10-BD8	5.6	5
10mm	OP-EW10-BD10	7	6.5

Air Open-end Wrench Order Code Reference

Model 型 號	OP-EW10	
Order Code 訂 貨 號		
Hex Size 六角尺寸	Standard Type 標 準 型	K mm
6mm	OP-EW10-6	4.2
8mm	OP-EW10-8	5.6
10mm	OP-EW10-10	7
1/4"	OP-EW10-1/4"	4.4

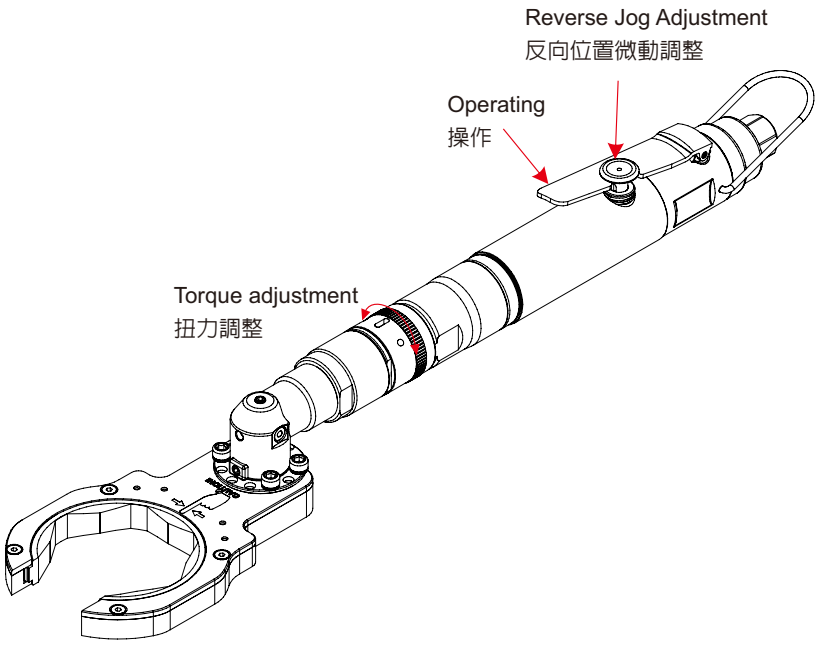
Equal specifications: 5/16"<=>8mm
相等規格：

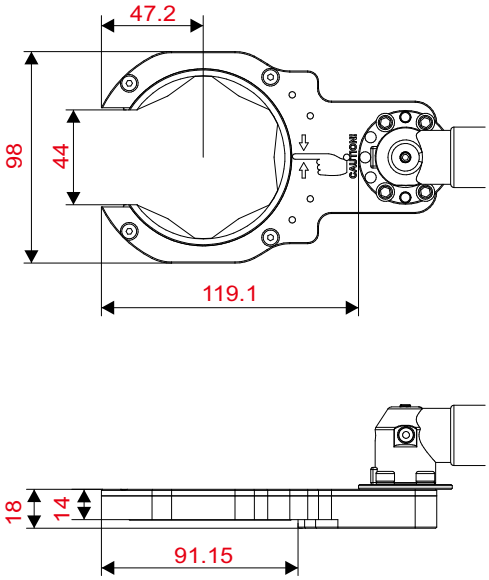
SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm²)

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 Lever 噪音值
	mm	Nm	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
OP-EW10	6,8,10,1/4"	6~12	300	198	7	402	15.82	1/4	1.65	3.63	87

Air Open-end Wrench

氣動開口扳手





UNIT:(mm)



OP-EW65

Air shut off 自動斷氣
Rear exhaust 後排氣

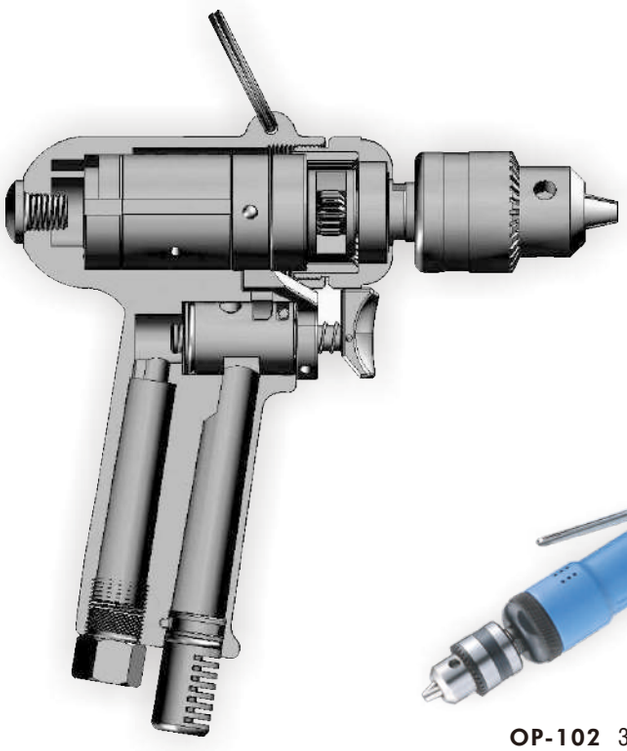
SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

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 Lever 噪音值
	mm	Nm	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
OP-EW65	65	16~30	85	198	7	473	18.6	1/4	2.09	4.6	87

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Air Drill Gear Type

氣動鑽:齒輪式



OP-102 3/8″
Side exhaust
側排氣



OP-510H 3/8″
Rear exhaust
後排氣



OP-101 3/8″
Handle exhaust
下排氣



OP-401LN 3/8″
Handle exhaust
下排氣



OP-601C 3/8″
Handle exhaust
下排氣

SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

MODEL 型號	Chuck Size 夾頭尺寸		Stall Torque 停止扭矩		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		Reversible 正反轉	Sound Level 噪音值
	mm	inch	Nm	ft-lb	rpm	l/min	cfm	mm	inch	P.T	kg	lb		dB(A)
OP-510H	10	3/8			1500	240	8.5	210	8.27	1/4	1.4	3.09	○	98
OP-102	10	3/8	2.1	1.5	2200	141	5	210	8.27	1/4	0.84	1.85	○	88
OP-101	10	3/8	2.1	1.5	2500	226	8	185	7.28	1/4	1.07	2.36	○	88
OP-401LN	10	3/8	2.1	1.5	2100	198	7	175	6.89	1/4	1.05	2.31	○	88
OP-601C	10	3/8	2.1	1.5	2500	184	6.5	170	6.69	1/4	1.02	2.25	○	82



OP-101GA 1/2″
Handle exhaust
下排氣



OP-402LN 1/2″
Handle exhaust
下排氣



OP-601CG 1/2″
Handle exhaust
下排氣



OP-D84140 3/8″
OP-D8448 3/8″
OP-D8432 3/8″
OP-D8425 3/8″
OP-D8420 3/8″
Composite handle
Handle exhaust
複合材料把手
下排氣



OP-D8410 1/2″
OP-D8406 1/2″
Composite handle
Handle exhaust
複合材料把手
下排氣



OP-D6116 3/8″
Handle exhaust
下排氣



OP-D95185 1/4″
OP-D9560 1/4″
OP-D9540 1/4″
OP-D9531 3/8″
OP-D9525 1/2″
Handle exhaust
下排氣



OP-D9519 3/8″
OP-D9512 1/2″
OP-D9506 1/2″
Handle exhaust
下排氣

SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

MODEL 型號	Chuck Size 夾頭尺寸		Stall Torque 停止扭矩		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		Reversible 正反轉	Sound Level 噪音值
	mm	inch	Nm	ft-lb	rpm	l/min	cfm	mm	inch	P.T	kg	lb		dB(A)
OP-101GA	13	1/2	7.7	5.6	700	226	8	220	8.66	1/4	1.55	3.41	○	88
OP-402LN	13	1/2	7.7	5.6	650	226	8	215	8.46	1/4	1.54	3.39	○	88
OP-601CG	13	1/2	7.7	5.6	700	212	7.5	205	8.07	1/4	1.49	3.28	○	82
OP-D84140	10	3/8	1	0.7	14000	283	10	185	7.28	1/4	1.06	2.34	○	88
OP-D8448	10	3/8	3.14	2.3	4800	283	10	185	7.28	1/4	1.06	2.34	○	88
OP-D8432	10	3/8	4.7	3.5	3200	283	10	185	7.28	1/4	1.06	2.34	○	88
OP-D8425	10	3/8	6	4.4	2500	283	10	185	7.28	1/4	1.06	2.34	○	88
OP-D8420	10	3/8	7.4	5.4	2000	283	10	185	7.28	1/4	1.06	2.34	○	88
OP-D8410	13	1/2	14.9	10.9	1000	283	10	230	9.05	1/4	1.62	3.57	○	88
OP-D8406	13	1/2	22.5	16.6	660	283	10	230	9.05	1/4	1.62	3.57	○	88
OP-D6116	10	3/8	6	4.4	1650	240	8.5	170	6.69	1/4	1.45	3.19	○	82
OP-D95185	6	1/4	1.4	1	18000	367	13	176	6.93	1/4	1.15	2.53	X	87
OP-D9560	6	1/4	4.4	3.2	6000	367	13	176	6.93	1/4	1.15	2.53	X	87
OP-D9540	6	1/4	6.6	4.8	4000	367	13	176	6.93	1/4	1.15	2.53	X	87
OP-D9531	10	3/8	8.4	6.2	3150	367	13	185	7.28	1/4	1.23	2.70	X	87
OP-D9525	13	1/2	10.4	7.6	2500	367	13	198	7.8	1/4	1.37	3.02	X	87
OP-D9519	10	3/8	13.8	10.2	1900	367	13	212	8.35	1/4	1.57	3.45	X	87
OP-D9512	13	1/2	20.9	15.4	1250	367	13	225	8.86	1/4	1.72	3.78	X	87
OP-D9506	13	1/2	39.9	29.4	650	367	13	225	8.86	1/4	1.72	3.78	X	87

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Air Drill Gear Type

氣動鑽:齒輪式

Outside trigger
外板機

Inside trigger
內板機



OP-D16-G1 5/8″
OP-D19-G1 3/4″

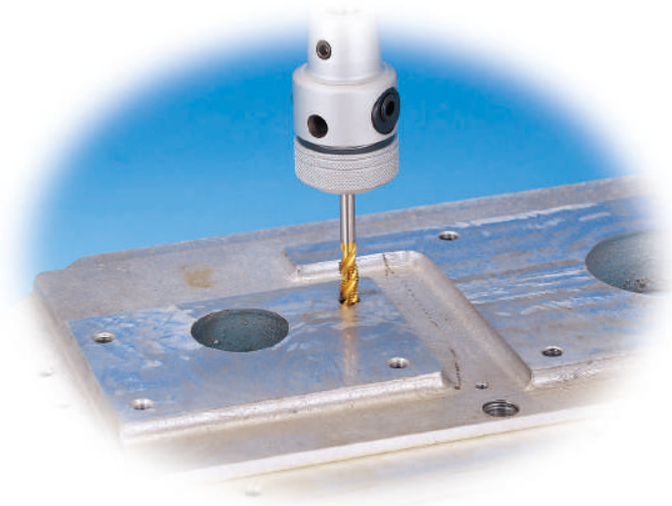
Side exhaust
側排氣

- Outside trigger ：OP-D16-G1 OP-D19-G1
- 外板機：OP-D16-G1 OP-D19-G1
- Inside trigger ：OP-D16-G1Z OP-D19-G1Z
- 內板機：OP-D16-G1Z OP-D19-G1Z

SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

MODEL 型號	Chuck Size 夾頭尺寸		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		Reversible 正反轉	Sound Level 噪音值
	mm	inch	rpm	l/min	cfm	mm	inch	P.T	kg	lb		dB(A)
OP-D16-G1	16	5/8	1000	424	15	420	16.54	3/8	6.34	13.98	○	102
OP-D16-G1Z	16	5/8	1000	424	15	420	16.54	3/8	6.34	13.98	○	102
OP-D19-G1	19	3/4	1000	424	15	437	17.2	3/8	7.04	15.52	○	102
OP-D19-G1Z	19	3/4	1000	424	15	437	17.2	3/8	7.04	15.52	○	102

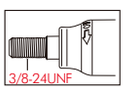
Air Tapping
氣動攻牙機





OP-11AKH
Handle exhaust
下排氣





OP-304B2
Push to start type
Rear exhaust
觸壓啓動型
後排氣



OP-601AKI 3/8"
Handle exhaust
下排氣

SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

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)	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
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

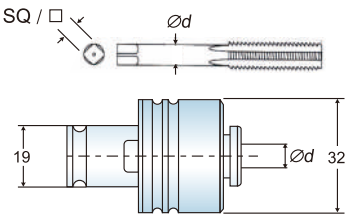
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Air Tapping
氣動攻牙機

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)





UNIT : (mm)

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

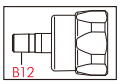
FOR TAP	ISO 國際標準規格			DIN 371 德國標準規格			DIN 376 德國標準規格		
Thread	ø d	□	Order Code 訂 貨 號	ø d	□	Order Code 訂 貨 號	ø d	□	Order Code 訂 貨 號
M2									
M3	3.15	2.5	TCISOM3	3.5	2.7	TCDIN371M3	2.2	-	TCDIN376M3
M4	4	3.15	TCISOM4	4.5	3.4	TCDIN371M4	2.8	2.1	TCDIN376M4
M5	5	4	TCISOM5	6	4.9	TCDIN371M5	3.5	2.7	TCDIN376M5
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

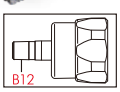


OP-11AK
Handle exhaust
下排氣





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.

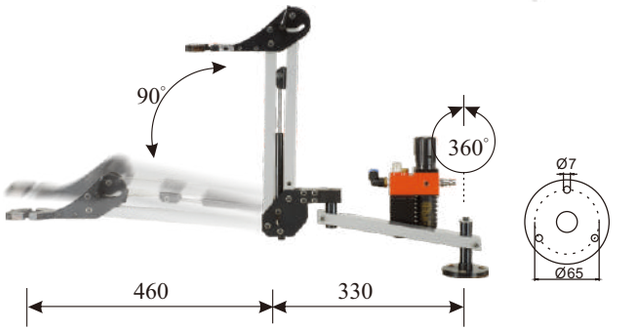
SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm²)

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

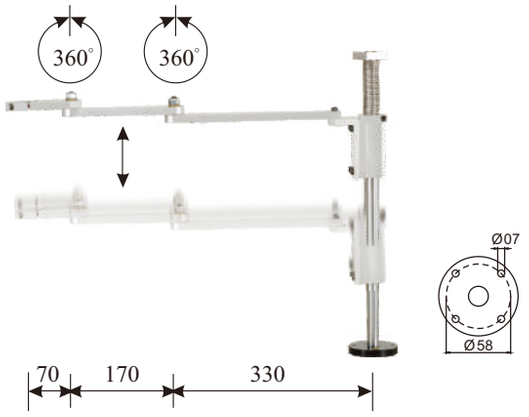
Parallel Arm

支臂架

- Model / 型號：RB04
- Net Weight / 重量：3.9kg
- Tool Diameter / 夾持直徑：34~40mm
- Clamping Jaw / 夾爪：

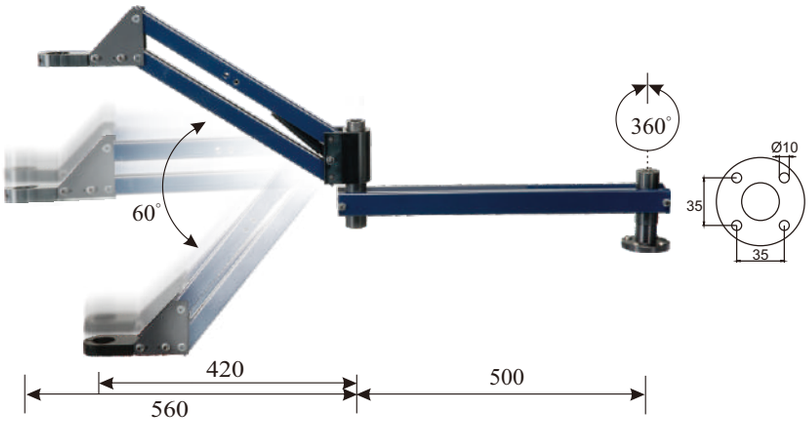


- Model / 型號：RB05
- Net Weight / 重量：3.34kg
- Tool Diameter / 夾持直徑：32~40mm
- Clamping Jaw / 夾爪：

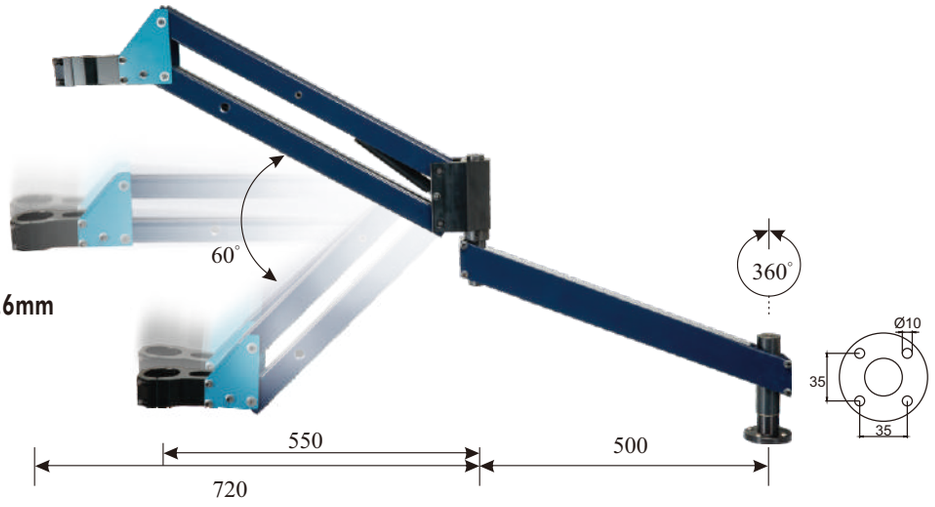


- Model / 型號：RB16-38MM
- Net Weight / 重量：5.89kg
- Clamping Jaw / 夾爪：
- Tool Diameter / 夾持直徑：38mm

- Model / 型號：RB16-44MM
- Net Weight / 重量：5.89kg
- Clamping Jaw / 夾爪：
- Tool Diameter / 夾持直徑：44mm



- Model / 型號：RB24
- Net Weight / 重量：10.75kg
- Tool Diameter / 夾持直徑：56.6mm
- Clamping Jaw / 夾爪：



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Air Die Grinder

氣動刻磨機

OP-G2120
Front exhaust
前排氣



OP-G2520
Front exhaust
Rotary type
前排氣
旋轉式



OP-G2220
Side exhaust
側排氣



OP-G2620
Side exhaust
Rotary type
側排氣
旋轉式



OP-G2320
Side exhaust
側排氣



OP-G2720
Side exhaust
Rotary type
側排氣
旋轉式



SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

MODEL 型號	Chuck Size 夾頭尺寸	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		Hose Size 風管尺寸		Motor Power 馬達功率	
	mm	rpm	l/min	cfm	mm	inch	P.T	kg	lb	mm	inch	W	HP
OP-G2120	6	20000	410	14.5	170	6.69	1/4	1.16	2.55	9.5	3/8	746	1
OP-G2520	6	20000	410	14.5	175	6.88	1/4	1.06	2.33	9.5	3/8	746	1
OP-G2220	6	20000	410	14.5	320	12.59	1/4	1.63	3.59	9.5	3/8	746	1
OP-G2620	6	20000	410	14.5	325	12.79	1/4	1.52	3.35	9.5	3/8	746	1
OP-G2320	6	20000	410	14.5	595	23.42	1/4	2.87	6.32	9.5	3/8	746	1
OP-G2720	6	20000	410	14.5	600	23.62	1/4	2.75	6.06	9.5	3/8	746	1

Air Die Grinder

氣動刻磨機



OP-GLH230
Grinding stone: 30mm
Rear exhaust
磨石：30mm
後排氣



OP-GLH750
Rear exhaust
後排氣



OP-190
Exquisite grinder
Rear exhaust
細磨
後排氣



OP-192K
For poly
Rear exhaust
波麗專用
後排氣



OP-1180LT
Rear exhaust
後排氣



OP-1281T
Rear exhaust
後排氣



OP-1181T
Rear exhaust
後排氣



OP-1082T
Rear exhaust
後排氣



OP-1180T
Rear exhaust
後排氣



OP-1201A
Front exhaust
前排氣

SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

MODEL 型號	Chuck Size 夾頭尺寸	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		Hose Size 風管尺寸		Motor Power 馬達功率	
	mm	rpm	l/min	cfm	mm	inch	P.T	kg	lb	mm	inch	W	HP
OP-GLH230	M7x0.75	23000	71	2.5	135	5.31	1/4	0.3	0.66	6.35	1/4		
OP-GLH750	3	75000	112	4.0	165	6.5	1/4	0.22	0.48	6.35	1/4		
OP-190	3	70000	85	3	130	5.12	1/4	0.25	0.55	6.35	1/4		
OP-192K	3	55000	85	3	130	5.12	1/4	0.32	0.7	6.35	1/4		
OP-1180LT	6	21000	297	10.5	290	11.41	1/4	0.71	1.56	9.5	3/8	230	0.3
OP-1281T	6	21000	283	10	160	6.29	1/4	0.53	1.17	9.5	3/8	230	0.3
OP-1181T	6	26000	297	10.5	285	11.22	1/4	0.65	1.43	9.5	3/8	230	0.3
OP-1082T	6	26000	311	11	150	5.9	1/4	0.36	0.79	9.5	3/8	230	0.3
OP-1180T	6	26000	325	11.5	230	9.05	1/4	0.54	1.19	9.5	3/8	230	0.3
OP-1201A	6	22000	381	13.5	170	6.69	1/4	0.62	1.37	9.5	3/8	383	0.5

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Air Angle Grinder

氣動角磨機



OP-1851 4″
Side exhaust
側排氣



OP-2850 4″
OP-2850A 5″
Front exhaust
前排氣



OP-3856 7″
Side exhaust
側排氣



OP-1851A 4″
Side exhaust
側排氣



OP-1850 4″
OP-1850A 5″
Front exhaust
前排氣



OP-3855 7″
Side exhaust
側排氣

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

MODEL 型號	Pad Size 尺寸		Spindle Thread 主軸牙數	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		Hose Size 風管尺寸		Motor Power 馬達功率	
	mm	inch	mm	rpm	l/min	cfm	mm	inch	P.T	kg	lb	mm	inch	W	HP
OP-1851	101	4		10500	283	10	165	6.49	1/4	1	2.2	9.5	3/8	246	0.33
OP-2850	101	4	M10x1.5	11000	452	16	235	9.25	1/4	1.8	3.96	9.5	3/8	470	0.63
OP-2850A	127	5	M14x2	10000	452	16	235	9.25	1/4	1.88	4.14	9.5	3/8	470	0.63
OP-3856	177	7		7000	791	28	290	11.41	3/8	3.31	7.29	9.5	3/8	895	1.2
OP-1851A	101	4		10500	283	10	145	5.7	1/4	1	2.2	9.5	3/8	246	0.33
OP-1850	101	4	M10x1.5	11000	452	16	245	9.65	1/4	1.71	3.76	9.5	3/8	470	0.63
OP-1850A	127	5	M14x2	10000	452	16	245	9.65	1/4	1.8	3.96	9.5	3/8	470	0.63
OP-3855	177	7		7000	791	28	345	13.58	3/8	3.31	7.29	9.5	3/8	895	1.2



OP-845P 4"
Rear exhaust
Spindle Thread 3/8"-24UNF
後排氣



OP-CVG660B 6"
Vertical grinder
垂角型角磨機



OP-CVG945B 9"
Vertical grinder
垂直型角磨機

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

MODEL 型號	Pad Size 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		Hose Size 風管尺寸		Motor Power 馬達功率	
	mm	inch	rpm	l/min	cfm	mm	inch	P.T	kg	lb	mm	inch	W	HP
OP-845P	101	4	12000	396	14	303	11.92	1/4	1.5	3.3	9.5	3/8	746	1
OP-CVG660B	150	6	5500	580	20.5	279	10.98	1/2	6.29	13.86	12.7	1/2	2835	3.8
OP-CVG945B	230	9	4500	580	20.5	279	10.98	1/2	6.05	13.33	12.7	1/2	2835	3.8

Air Belt Sander

氣動砂布環帶機



OP-9610



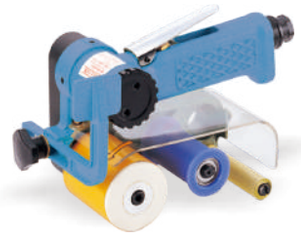
OP-9612



OP-9620



OP-9630



OP-3936

環布砂帶粒度規格表

Abrasive belt standards and grit list

Belt Size 砂帶尺寸	Grit 粒度	Order Code 訂貨號	M.O.Q (PCS) 最低採購量 (PCS)
10x330	60	AB10330G060P	100
	80	AB10330G080P	100
	100	AB10330G100P	100
	120	AB10330G120P	100
12.7x610	60	AB127610G060P	40
	80	AB127610G080P	40
	100	AB127610G100P	40
	120	AB127610G120P	40
20x520	60	AB20520G060P	100
	80	AB20520G080P	100
	100	AB20520G100P	100
	120	AB20520G120P	100
30x540	60	AB30540G060P	100
	80	AB30540G080P	100
	100	AB30540G100P	100
	120	AB30540G120P	100
60x260	60	AB60260G060P	50
	80	AB60260G080P	50
	100	AB60260G100P	50
	120	AB60260G120P	50

SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

MODEL 型號	Speed 轉速	Air Consumption 耗氣量		Belt Size 砂帶尺寸	Roller Size 發泡輪尺寸	Length 長度		Air Inlet 入氣接頭	Net Weight 重量	
	rpm	l/min	cfm	mm	mm	mm	inch	P.T	kg	lb
OP-9610	16000	328	11.6	10x330	-	290	11.4	1/4	0.9	1.98
OP-9612	16000	381	13.5	12.7x610	-	430	16.9	1/4	0.96	2.12
OP-9620	16000	381	13.5	20x520	-	360	14.17	1/4	1.2	2.65
OP-9630	15000	432	15.3	30x540	-	410	16.15	1/4	1.4	3.08
OP-3936	7000	268	9.5	60x260	60x⌀50	210	8.27	1/4	1.25	2.76

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Air Sander
氣動磨砂機

2.5mm Orbit Diameter
精拋型



OP-SD417G



OP-SD417H



OP-SD317



OP-SD901N2 2"
OP-SD901N3 3"
Spindle Thread 5/16"-24



OP-SD908 3"
Spindle Thread 5/16"-24

SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

MODEL 型 號	Pad Size 尺 寸	Free Speed 無負荷轉速	Air Consumption 耗 氣 量		Net Weight 重 量		Hose Size 風管尺寸		Orbit Diameter 偏擺直徑
	mm	rpm	l/min	cfm	kg	lb	mm	inch	mm
OP-SD417G	100x110	10,000	254	9.0	0.89	1.96	6.35	1/4	2.5
OP-SD417H	100x75	10,000	254	9.0	0.84	1.85	6.35	1/4	2.5
OP-SD317	100x75	10,000	268	9.5	0.83	1.83	6.35	1/4	2.5
OP-SD901N2	2(inch)	16,000	283	10	0.75	1.65	6.35	1/4	2.5
OP-SD901N3	3(inch)	16,000	283	10	0.75	1.65	6.35	1/4	2.5
OP-SD908	3(inch)	4,500	226	8	0.86	1.89	6.35	1/4	x

Air Sander

氣動磨砂機



OP-SD715 5"
OP-SD71525 5"



OP-SD715C 5"
OP-SD71525C 5"
Central Vacuum
中央集塵



OP-SD715S 5"
OP-SD71525S 5"
Self-Generated Vacuum
自吸式



OP-SD716 6"
OP-SD71625 6"



OP-SD716C 6"
OP-SD71625C 6"
Central Vacuum
中央集塵



OP-SD716S 6"
OP-SD71625S 6"
Self-Generated Vacuum
自吸式



OP-SD713 3"



OP-SD915 5"
OP-SD91525 5"



10mm Orbit Diameter
粗磨型



5mm Orbit Diameter
中細磨型



2.5mm Orbit Diameter
精拋型

SPECIFICATION(air pressure at 90psi、6.2bar、6.3kg/cm^2)

MODEL 型號	Pad Size 尺寸	Free Speed 無負荷轉速	Air Consumption 耗氣量		Net Weight 重量		Hose Size 風管尺寸		Orbit Diameter 偏擺直徑
	inch	rpm	l/min	cfm	kg	lb	mm	inch	mm
OP-SD715	5	10000	254	9.0	0.89	1.96	6.35	1/4	5
OP-SD71525	5	10000	254	9.0	0.89	1.96	6.35	1/4	2.5
OP-SD715C	5	10000	254	9.0	0.95	2.09	6.35	1/4	5
OP-SD71525C	5	10000	254	9.0	0.95	2.09	6.35	1/4	2.5
OP-SD715S	5	10000	254	9.0	0.91	2	6.35	1/4	5
OP-SD71525S	5	10000	254	9.0	0.91	2	6.35	1/4	2.5
OP-SD716	6	10000	254	9.0	0.91	2	6.35	1/4	5
OP-SD71625	6	10000	254	9.0	0.91	2	6.35	1/4	2.5
OP-SD716C	6	10000	254	9.0	0.98	2.16	6.35	1/4	5
OP-SD71625C	6	10000	254	9.0	0.98	2.16	6.35	1/4	2.5
OP-SD716S	6	10000	254	9.0	0.93	2.05	6.35	1/4	5
OP-SD71625S	6	10000	254	9.0	0.93	2.05	6.35	1/4	2.5
OP-SD713	3	10000	268	9.5	0.79	1.74	6.35	1/4	2.5
OP-SD915	5	10000	240	8.5	1	2.2	6.35	1/4	5
OP-SD91525	5	10000	240	8.5	1	2.2	6.35	1/4	2.5

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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



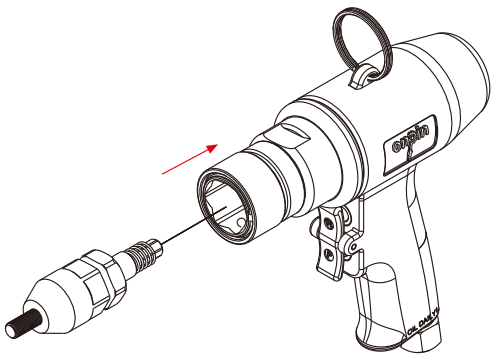
OP-PS10-G51
Side exhaust
側排氣

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

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Air Riveter

氣動拉釘機



OP-T107V
Vaccum 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/cm^2)

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

Air Body Tool

氣動板金工具



OP-S1530
Air shear
氣動剪



OP-S1530S
Air shear
氣動剪



OP-S3125
Air shear
氣動剪



OP-S3125S
Air shear
氣動剪

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

MODEL 型號	Cutting Capacity Thickness 剪切厚度能力		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)	rpm	l/min	cfm	mm	inch	P.T	kg	lb	dB(A)
OP-S1530	1.6	1.2	2200	325	11.5	240	9.45	1/4	1.1	2.42	85
OP-S1530S	1.6	1.2	2200	325	11.5	265	10.43	1/4	1.25	2.75	85
OP-S3125	1.6	1.2	2500	339	12	230	9.06	1/4	1.1	2.42	85
OP-S3125S	1.6	1.2	2500	339	12	280	11.22	1/4	1.2	2.64	85



OP-201
Air nipper tools
氣動剪線工具



OP-202
Air nipper tools
氣動剪線工具



OP-203
Air nipper tools
氣動剪線工具



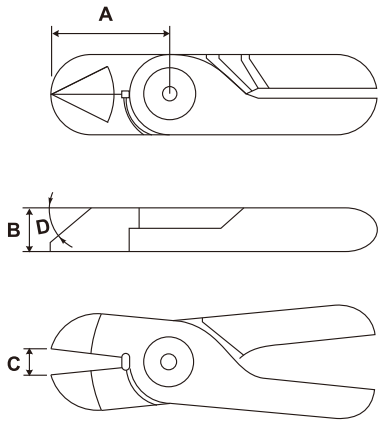
OP-204
Air nipper tools
氣動剪線工具



OP-205
Air nipper tools
氣動剪線工具



OP-206
Air nipper tools
氣動剪線工具



	A	B	C	D
S2	24.5	6.9	3.4	25°
S4	28	9.6	5.5	25°
S5	35.6	11.8	7.5	30°
S8P	44	17	8.5	30°

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

MODEL 型號	Cutting Capacity Diameter 剪切直徑能力		Housing Diameter 握把直徑	Air Consumption 耗氣量		Overall Length 全長		Air Inlet 入氣接頭	Net Weight 重量		Blade 刀刃
	Copper(mm)	Iron(mm)	ømm	l/min	cfm	mm	inch	P.T	kg	lb	
OP-201	1.0	0.5	30	28	1	140	5.51	1/4	0.18	0.4	S2
OP-202	1.6	1.0	35.5	28	1	160	6.3	1/4	0.26	0.57	S4
OP-203	2.6	2.0	46	112	4	200	7.87	1/4	0.49	1.08	S5
OP-204	3.0	2.4	46	224	8	270	10.63	1/4	0.66	1.45	S5
OP-205	3.3	2.8	56	224	8	245	9.65	1/4	0.92	2.02	S8P
OP-206	4.8	4.0	56	367	12.9	335	13.19	1/4	1.26	2.77	S8P

Needle Scaler
除 銹 器


OP-120


OP-16


OP-100-2B


OP-J288

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

MODEL 型 號	Blows Per Min 衝擊數	Needle Diameter 鋼針直徑	Number of Needles 鋼針數	Piston Diameter 活塞直徑	Piston Stroke 活塞行徑		Air Consumption 耗氣量		Overall Length 全 長		Air Inlet 入氣接頭	Net Weight 重 量	
	(B.P.M.)	mm	pcs	mm	mm	inch	l/min	cfm	mm	inch	PT	kg	lb
OP-120	2500	⌀4x180	35	⌀33x94	52	2	210	7.4	460	18.11	1/4	6	13.2
OP-16	4000	⌀2x150	29	⌀16x59	36	1.4	71	2.5	285	11.22	3/8	1.6	3.5
OP-100-2B	3700	⌀3x180	19	⌀23.5x70	38	1.5	85	3	375	14.76	1/4	2.8	6.2
OP-J288	5500	⌀3x125	12	⌀18x47	28	1.1	283	10	290	11.41	1/4	1.19	2.62


OP-CM-50

OP-CM-50
Air caulking gun
氣動膠槍

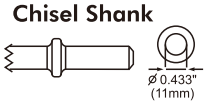
- Plastic gun size :215~240mm
- Air pressure： 3kg/cm² (45 psi)
- Length：280 mm
- Weight：0.53 kg

- 使用膠管尺寸 ：215~240mm
- 最高空氣壓力：3kg/cm² (45 psi)
- 長度：280mm
- 重量：0.53kg


OP-S105
Air body saw
氣動鋸


OP-CP1223
Air engraving pen
氣動雕刻筆


OP-288N
Air flux chipper
氣動雕刻刀



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

MODEL 型 號	Cutting Capacity Thickness 剪切厚度能力	Blows Per Minute 衝擊數	Air Consumption 耗 氣 量		Overall Length 全 長		Air Inlet 入氣接頭	Net Weight 重 量	
	Aluminum(mm)	B.P.M	l/min	cfm	mm	inch	P.T	kg	lb
OP-S105	3.0	9000	127	4.5	235	9.25	1/4	0.6	1.32
OP-CP1223		2300	28	1	170	6.69	1/4	0.23	0.5
OP-288N		4800	283	10	235	9.25	1/4	1.21	2.67

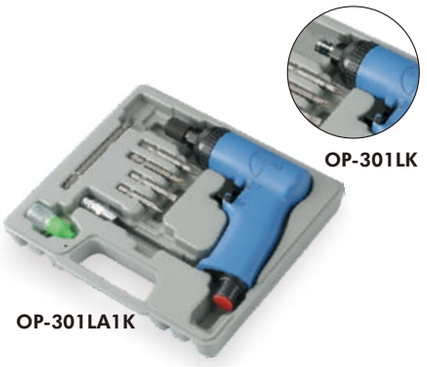
Air Tool Kit
氣動工具組



OP-301A1K, OP-301K

10PCS AIR IMPACT SCREWDRIVER KIT
10PCS 氣動衝擊起子組

1PC Air screwdriver
1PC Slotted 5mmx50mm
2PCS Slotted 6mmx50mm
1PC Phillips No.1x65mm
2PCS Phillips No.2x65mm
1PC Phillips No.2x100mm
1PC Air inlet
1PC Blow case



OP-301LA1K, OP-301LK

9PCS AIR IMPACT SCREWDRIVER KIT
9PCS 氣動衝擊起子組

1PC Air screwdriver
2PCS Slotted 6mmx50mm
2PCS Phillips No.2x65mm
1PC Phillips No.2x100mm
1PC Air inlet
1PC Oil pot
1PC Blow case



OP-304A1K, OP-304K

10PCS ADJUSTABLE CLUTCH AIR SCREWDRIVER KIT
10PCS 離合式氣動起子組

1PC Air screwdriver
1PC Slotted 5mmx50mm
1PC Phillips No.1x65mm
2PCS Wrench
2PCS Spring
1PC Oil pot
1PC Air inlet
1PC Blow case



OP-301LCK

11PCS ADJUSTABLE CLUTCH AIR SCREWDRIVER KIT
11PCS 離合式氣動起子組

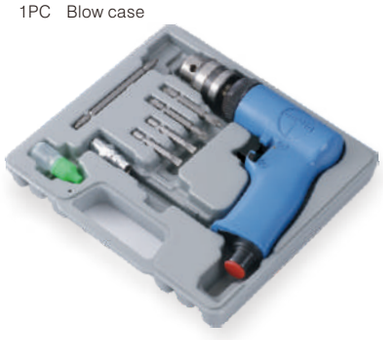
1PC Air screwdriver
2PCS Slotted 6mmx50mm
2PCS Phillips No.2x65mm
1PC Phillips No.2x100mm
2PCS Wrench
1PC Air inlet
1PC Oil pot
1PC Blow case



OP-306SL1K

21PCS 3/8"AIR IMPACT WRENCH KIT
21PCS 3/8" 氣動衝擊扳手組

1PC 3/8" Air impact wrench
8PCS 3/8"Socket 8-10-11-12-13-14-17-19mm
6PCS 1/4"Hex 4-5-6-7-8-10mmx30mm
2PCS Phillips No.2, 3x30mm
1PC Bit holder 3/8"x1/4"
1PC Oil pot
1PC Air regulator
1PC Blow case



OP-101K

9PCS 3/8"AIR DRILL KIT
9PCS 3/8" 氣鑽組

1PC 3/8" Air drill
1PC Phillips No.2x100mm
2PCS Phillips No.2x65mm
2PCS Slotted 6mmx50mm
1PC Air inlet
1PC Oil pot
1PC Blow case



OP-190MMK

190mm AIR HAMMER KIT
氣動鑿鎚組

- 1PC 190mm Air hammer
  Overall lenght:181mm
  Air consumption:4C.F.M
  Chisel Shank:ø0.401
- 5PCS 175mm chisels
- 1PC Blow case

Piston Stroke:66mm
B.P.M.:3200



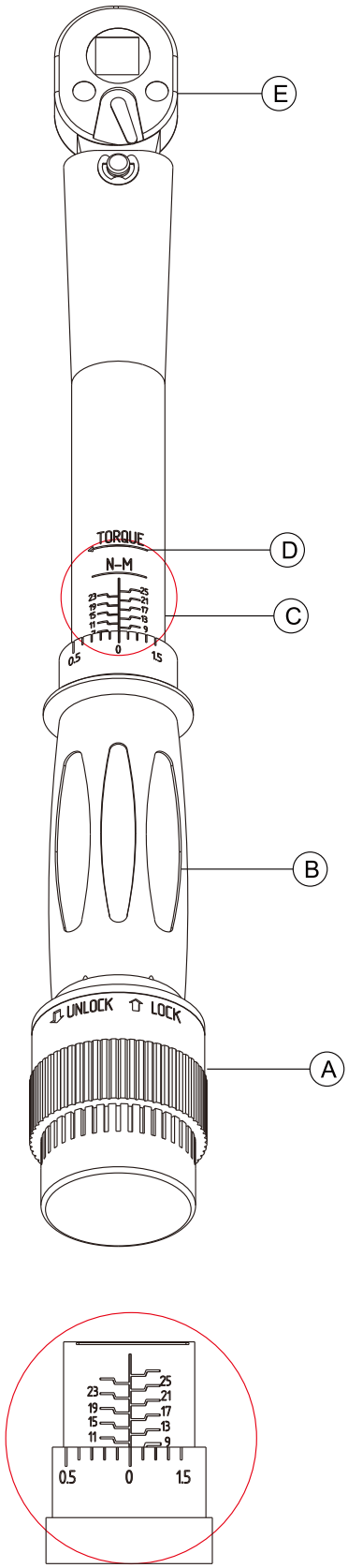
OP-250MMK

250mm AIR HAMMER KIT
氣動鑿鎚組

- 1PC 250mm Air hammer
  Overall lenght:181mm
  Air consumption:4C.F.M
  Chisel Shank:ø0.401
- 5PCS 175mm chisels
- 1PC Blow case

Piston Stroke:98mm
B.P.M.:2200

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OPERATIONAL INSTRUCTIONS OF TORQUE WRENCH

1. Set The Torque

1-1 Set the fixing button (A) at UNLOCK position and turn the adjusting handle(B) to set the required torque.

1-2 The reading of "0" on the handle(B) aligns with centerline of scale(C) "9" so as to acquire 9 Nm.

2. Instruction

2-1 After setting the torque, set the fixing button (A) at LOCK position. Install the appropriate socket and fixing on the work piece. Apply force on the handle of torque wrench and then stop applying force upon hearing "click" sound. Special attention should be paid when using lower torque for setting, because the "click" sound will be unclear.

2-2 It is at right angle while applying pressure on torque wrench (allowed ± 15°). Up, down, right and left sides should be within 15°.

2-3 After using the torque wrench, set the fixing button (A) at UNLOCK position. Twist the handle (B) to the scale torque of the lowest value and set the fixing button (A) at LOCK position.

3. Cautions

3-1 The first using or being left unused for longer time it is required to use once again, be sure to use higher torque to operate (80% of full-scale, press 10-15 times) so that the components within may be fully lubricated by the special-purpose lubricant oil. When it is not used, be sure to set the torque to the lowest value.

3-2 Torque wrench needs to be calibrated while using it for 5000 times or a year. The usual life time of usage will be 50000 times.

3-3 Do not keep applying pressure after reaching the preset torque or the work piece may get damaged.

3-4 Ratchet head (E) is consumables.

3-5 During the manufacturing, the torque wrench has been calibrated and tested in providing an accuracy as ± 4%. As such, it belongs to a kind of high-precision measuring instrument and only the well-trained professional can perform the service. Do not soak in any liquid to avoid affecting the lubrication inside.

3-6 The correct direction need to be taken while operating torque wrench. D spot of the picture shows a cursor which means the operating direction should be taken in that way so that torque wrench will be functional.

3-7 Except for tightening bolts, do not use in other conditions.

3-8 Do not use pipe to extend the shaft.

3-9 While applying pressure on torque wrench do not impact the instrument suddenly, not to put the weight of body and step on it; otherwise the work piece may get damaged.

扭力扳手使用說明

一、設定扭力

1-1 將開關(A)調整至UNLOCK方向，轉動把手(B)進行扭力調整。

1-2 把手(B)上刻度0對到扭力刻度(C)9的位置後，即得扭力為9Nm。

二、使用方法

2-1 設定完扭力後將開關(A)調整至LOCK方向。裝上適當的套筒，固定之。在手把處施力，聽到"卡達"一聲時，立刻停止施力。低扭力設定作業時，需特別注意，因為低扭力操作時聲響較不明顯。

2-2 施力的方向與扭力扳手成直角(允許正負15度)上下左右應在15度以內。

2-3 使用完畢後須將開關(A)調整至UNLOCK位置，轉動把手(B)，將扭力刻度(C)調回最低扭力，再將開關(A)調整至LOCK位置。

三、注意事項

3-1 第一次使用，或長期未使用之後再度使用時，先以高扭力操作(滿刻度的80%，壓10-15次)使內部特殊的潤滑劑可先潤滑內部組件。不使用時，請將扭力調至最低的扭力度。

3-2 扭力板手使用5000次或一年，需進行校正。正常使用壽命為50000次。

3-3 達到預設扭力後又繼續施壓時會造成傷害。

3-4 快速頭組(E)是屬於消耗品。

3-5 扭力板手在出廠之前，已經校正及測試，精確度可達+/-4%，這是高精確測量儀器，因此，僅有專業人員才可做維修，切勿浸泡在任何液體中，否則會影響內部的潤滑。

3-6 扭力扳手有使用的方向性，圖中D處箭頭方向表示該扭力扳手沿該方向使用時才會有作用。

3-7 除了緊固螺帽外，不要用於其他用途。

3-8 請不要用管子加長手柄。

3-9 使用扭力扳手在施力的時候，不要對其進行突然衝擊，不要加上身體的重量，不要用腳踩。否則將會對扭力扳手造成損害。

Torque Wrench

扭力扳手

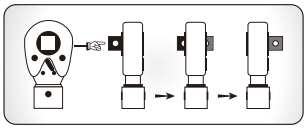




MODEL 型號	Driver 規格	Capacity 扭力範圍	Length 長度	Net Weight 重量
	inch	Nm	mm	kg
OP-60BK2	1/4	5-25	280	0.56
OP-60BK3	3/8	5-25	280	0.56
OP-80	3/8	20-110	360	0.83
OP-150	1/2	42-210	470	1.35
OP-250	1/2	70-350	630	2.38
OP-300	3/4	65-450	850	3.68
OP-500	3/4	140-700	1078	5.7
OP-700BK6	3/4	140-980	1222	6.0
OP-700BK8	1	140-980	1222	6.0

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Torque Wrench
扭力扳手



Equipped with left-right torgue adjuster
扭力扳手功能右牙、左牙可調動扭力

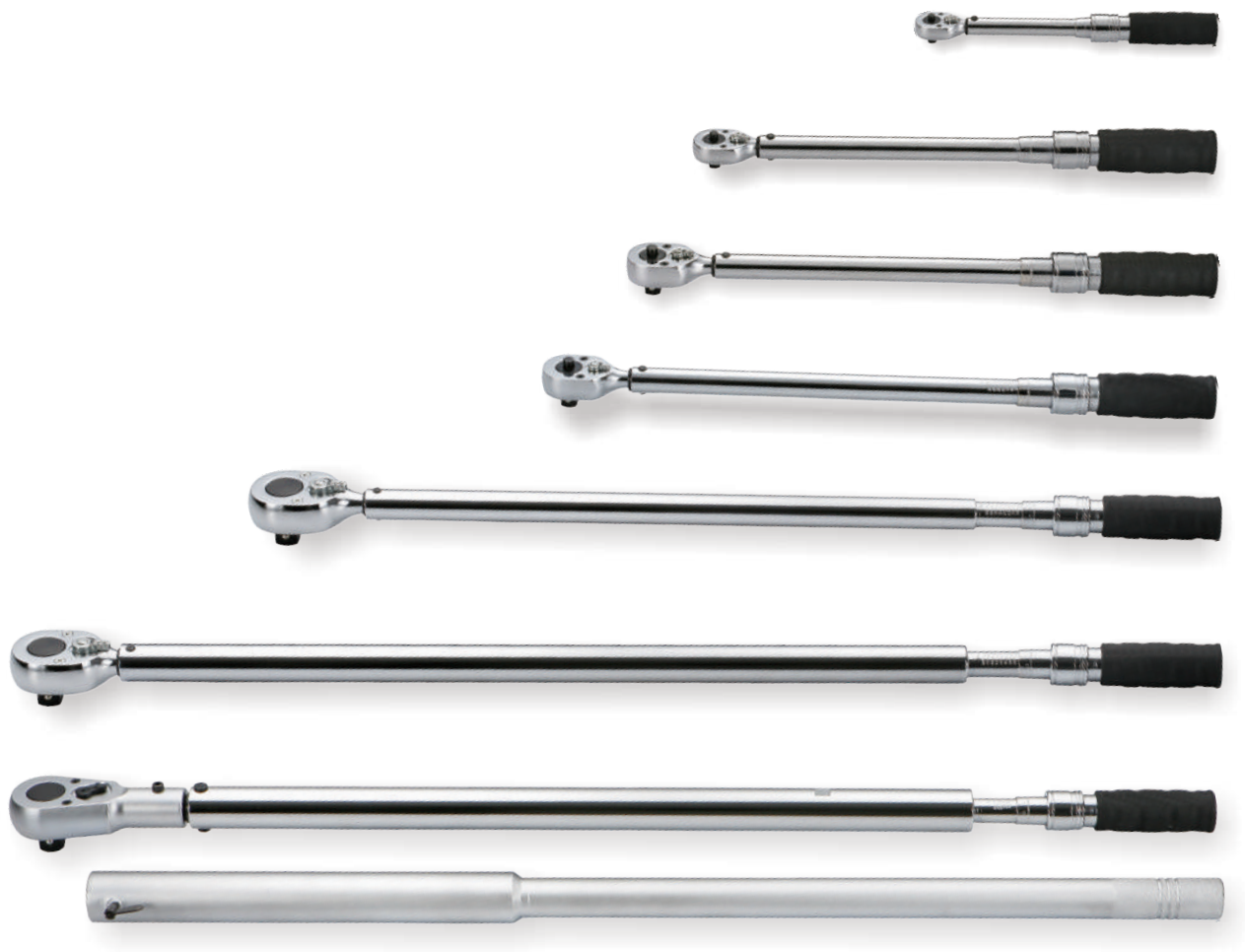


MODEL 型號	Driver 規格	Capacity 扭力範圍		Length 長度	Net Weight 重量		
	inch	Nm	ft-lb	mm	kg		
OP-1313K2	1/4	6-30	40-250inch-lb	305	0.74	×	
OP-1313K3	3/8	6-30	40-250inch-lb	305	0.74	×	
OP-1314K	3/8	20-110	15-80	383	0.96	○	TORQUE
OP-1315K	1/2	40-210	30-150	535	1.7	○	
OP-1316K	1/2	70-350	50-250	645	2.54	○	
OP-1317K	3/4	100-500	50-300	865	3.66	○	
OP-1318K	3/4	140-700	100-600	1092	5.94	○	TORQUE
OP-1319K6	3/4	140-980	100-700	1230	6.46	×	
OP-1319K8	1	140-980	100-700	1230	6.46	×	

Torque Wrench

扭力扳手

TORQUE



MODEL 型號	Driver 規格	Capacity 扭力範圍		Length 長度	Net Weight 重量
	inch	Nm	ft-lb	mm	kg
OP-TA30N2	1/4	6-30		257	0.44
OP-TA110N3	3/8	20-110		436	1.12
OP-TA210N4	1/2	40-210		495	1.47
OP-TA350N4	1/2	70-350		560	1.62
OP-TA450N6	3/4	75-450		815	3.3
OP-TA800N6	3/4	100-800		1000	7.08
OP-TA1500N6	3/4	300-1500		1740	11.8
OP-TA1500N8	1	300-1500		1740	11.8
OP-TA250i2	1/4		40-200inch-lb	257	0.44
OP-TA80F3	3/8		10-100	436	1.12
OP-TA150F4	1/2		30-150	495	1.47
OP-TA250F4	1/2		30-250	560	1.62
OP-TA300F6	3/4		50-300	815	3.3
OP-TA600F6	3/4		100-600	1000	7.08
OP-TA1000F6	3/4		200-1000	1740	11.8
OP-TA1000F8	1		200-1000	1740	11.8

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Interchangeable Torque Handle Wrench

可換式扭力扳手

TORQUE



OP-210N11K

TORQUE HANDLE SET

可換式扭力扳手組

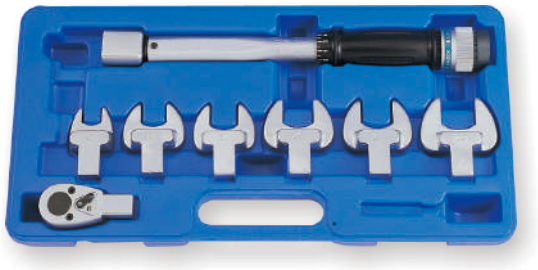
9 PCS Spanner head 13, 14, 15, 17, 19, 22, 24, 27, 30mm

1 PC 1/2" Dr" ratchet head

1 PC Interchangeable torque wrench 40~210Nm

1 PC Blow case

□14x18



OP-80N8K

TORQUE HANDLE SET

可換式扭力扳手組

6 PCS Spanner head 17, 22, 24, 26, 27, 29mm

1 PC 1/2" Dr" ratchet head

1 PC Interchangeable torque wrench 15~80Nm

1 PC Blow case

□14x18

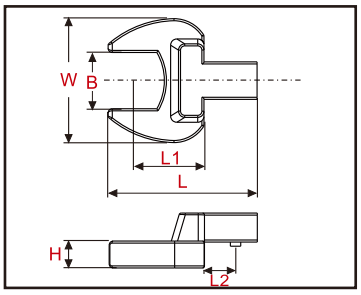


MODEL 型號	Driver 規格	Capacity 扭力範圍		Length 長度	Net Weight 重量
	mm	Nm	ft-lb	mm	kg
OP-1708AK	9x12	6-30	50-250inch-lb	290	0.58
OP-1709AKA	9x12	12-60	9-45	370	0.8
OP-1709AKB	14x18	12-60	9-45	375	0.81
OP-1710AKA	9x12	20-100	15-75	400	1.14
OP-1710AKB	14x18	20-100	15-75	405	1.15
OP-1718AK	14x18	40-200	30-150	500	1.38
OP-1720AK	14x18	60-300		575	1.5
OP-1721AK	14x18		60-220	575	1.5

Changeable Head

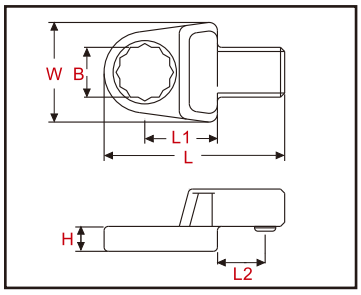
替換接頭

- Open Spanner Type
- 開口扳手型



單位：(mm)

- Ring Spanner Head
- 梅花扳手型



單位：(mm)

MODEL 型號	B mm	□ mm	W mm	H mm	L mm	L1 mm	L2 mm	Net Weight (g)
OP-T7	7	9x12	23.5	5	37	17.5	11.5	38
OP-T8	8		23.5	5	36	17.5	11.5	38
OP-T9	9		24	5.5	38	17.5	11.5	39
OP-T10	10		30	5.5	38	17.5	11.5	42
OP-T11	11		30	6	40	17.5	11.5	43
OP-T12	12		30	6	40	17.5	11.5	48
OP-T13	13		30	7	41	20	11.5	52
OP-T14	14		38	8	42	20	11.5	59
OP-T15	15		34	8	42	20	11.5	59
OP-T16	16		37.5	8.5	43	20	11.5	67
OP-T17	17		38	8.5	43	20	11.5	67
OP-T18	18		42	9	46	22	11.5	75
OP-T19	19		42	9	47	22	11.5	75

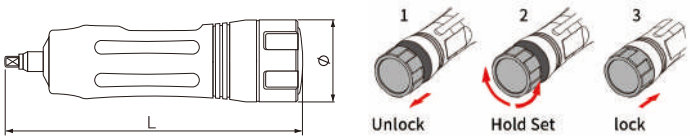
MODEL 型號	B mm	□ mm	W mm	H mm	L mm	L1 mm	L2 mm	Net Weight (g)
OP-T7A	7	9x12	22.0	5.0	40.4	17.5	11.5	42
OP-T8A	8		22.0	5.0	40.4	17.5	11.5	42
OP-T9A	9		24.0	5.5	41.9	17.5	11.5	42
OP-T10A	10		24.0	5.5	41.9	17.5	11.5	52
OP-T11A	11		24.0	6.0	43.3	17.5	11.5	50
OP-T12A	12		24.0	6.0	43.3	17.5	11.5	48
OP-T13A	13		24.0	7.0	46.7	17.5	11.5	60
OP-T14A	14		24.0	7.0	46.7	17.5	11.5	64
OP-T15A	15		25.0	7.9	47.8	20	11.5	64
OP-T16A	16		25.0	7.9	47.8	20	11.5	62
OP-T17A	17		26.5	9.0	51.2	20	11.5	74
OP-T18A	18		26.5	9.0	51.2	20	11.5	74
OP-T19A	19		27.0	9.2	51.4	20	11.5	68

MODEL 型號	B mm	□ mm	W mm	H mm	L mm	L1 mm	L2 mm	Net Weight (g)
OP-K13	13	14x18	35	7	62	32	15	148
OP-K14	14		35	8	63	32	15	154
OP-K15	15		35	8	63	32	15	154
OP-K16	16		38	9	64	32	15	173
OP-K17	17		38	9	64	32	15	173
OP-K18	18		42	10	65	32	15	192
OP-K19	19		42	10	65	32	15	193
OP-K21	21		53	10	66	32	15	217
OP-K22	22		53	11	66	32	15	222
OP-K24	24		53	11	67	32	15	225
OP-K25	25		59	12	71	32	15	267
OP-K26	26		60	13	70	32	15	273
OP-K27	27		60	13	70	34	15	281
OP-K28	28		60	13	70	34	15	260
OP-K29	29		60	14	73	34	15	312
OP-K30	30		66	14	75	36	16	312
OP-K32	32		65	15	75	37.5	15	322
OP-K33	33		65	14	76	37.5	15	305
OP-K34	34		74	15	82	37.5	15	360
OP-K36	36		74	15	82	42	15	360
OP-K38	38		74	15	82	42	15	360
OP-K40	40		83	15	82	42	15	380
OP-K41	41		83	15	83	42	15	380
OP-K42	42		83	16	83	42	15	380
OP-K44	44		91	16	86	42	15	440
OP-K46	46		91	16	86	43	15	440

MODEL 型號	B mm	□ mm	W mm	H mm	L mm	L1 mm	L2 mm	Net Weight (g)
OP-K13A	13	14x18	35.0	11.5	70.0	32	15	200
OP-K14A	14		35.0	11.5	70.0	32	15	200
OP-K15A	15		35.0	11.5	70.0	32	15	194
OP-K16A	16		35.8	12.0	70.0	32	15	204
OP-K17A	17		36.0	12.0	70.3	32	15	198
OP-K18A	18		40.0	13.5	71.9	32	15	234
OP-K19A	19		44.0	13.5	71.9	32	15	230
OP-K21A	21		40.2	14.5	73.1	32	15	236
OP-K22A	22		41.0	16.0	74.0	32	15	250
OP-K24A	24		41.3	16.0	75.5	32	15	254
OP-K26A	26		41.3	16.0	75.5	32	15	240
OP-K27A	27		41.8	17.0	79.0	34	15	280
OP-K29A	29		42.0	19.0	82.0	36	15	306
OP-K30A	30		42.0	19.0	82.0	36	15	328
OP-K32A	32		44.5	19.0	83.5	36	15	312
OP-K34A	34		47.0	19.0	86.5	38	15	324
OP-K36A	36		49.5	19.0	87.7	38	15	316
OP-K38A	38		52.0	19.0	91.0	40	15	342
OP-K40A	40		54.5	19.0	92.2	40	15	392
OP-K41A	41		57.0	20.0	95.5	42	15	392
OP-K42A	42		57.0	20.0	95.5	42	15	373
OP-K44A	44		59.5	20.0	98.7	44	15	393
OP-K46A	46		62.0	20.0	100.0	44	15	396

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Torque Screwdriver
工業級扭力起子





MODEL 型號	∅外徑 / 徑長 L	Max torque 扭力範圍	Graduation 刻度	Driver 規格	Net Weight 重量
	mm	Nm	Nm		kg
OP-1405NT	∅43/154	1-5	0.5	1/4"	0.33
OP-1408NT	∅43/154	1-8	0.5	1/4"	0.33
OP-1405NTL	∅43/235	1-5	0.5	1/4"	0.43
OP-1408NTL	∅43/235	1-8	0.5	1/4"	0.43

MODEL 型號	∅外徑 / 徑長 L	Max torque 扭力範圍	Graduation 刻度	Driver 規格	Net Weight 重量
	mm	in-lb	in-lb		kg
OP-1405iT	∅43/154	10-50	5	1/4"	0.33
OP-1408iT	∅43/154	10-80	5	1/4"	0.33
OP-1405iTL	∅43/235	10-50	5	1/4"	0.43
OP-1408iTL	∅43/235	10-80	5	1/4"	0.43

1 PC 1/4DR. Torque Screwdriver
10 PCS 25L Bit Set (Ph0x2, PH1x2, PH2x2, PH3x2, ⊖4, ⊖6)
10 PCS 25L Tamper Bit Set (TX:10, 15, 20, 25, 30, 40)
(Hex:3, 4, 5, 6)
誤差值(Accuracy):±6%

Digital Torque Wrench
數位扭力扳手

TORQUE

- Accuracy:±1%
- Memory:100 Readings
- USB Data Out
- Unit Selection: Nm, ft.lb, in.lb, kg-m
- Operating Temperature:-10℃~55℃
- Battery: 1.5V AA Batteries x 3
  Only Heavy Duty Battery

- 誤差值：±1%
- 記憶數：100組
- 傳輸方式：USB
- 單位選擇：Nm, ft.lb, in.lb, kg-m
- 使用環境溫度：-10℃~55℃
- 電池：1.5V AA 3顆
  僅限碳鋅電池





MODEL 型號	Driver 規格	Capacity 扭力範圍	Length 長度	Net Weight 重量
	inch	Nm	mm	kg
OP-TB100N3	3/8	10-100	440	0.95
OP-TB100N4	1/2	10-100	440	1.06
OP-TB200N4	1/2	20-200	524	1.35
OP-TB350N4	1/2	35-350	640	1.9

MODEL 型號	Driver 規格	Capacity 扭力範圍	Length 長度	Net Weight 重量
	mm	Nm	mm	kg
OP-TC100N	14 x 18	10-100	420	0.84
OP-TC200N	14 x 18	20-200	490	1.15
OP-TC350N	14 x 18	35-350	630	1.7

Digital Torque Screwdriver
數位扭力起子

TORQUE



- Accuracy: ±1%
- Memory: 10 Readings
- Battery: 1.5V AA Batteries x 3 (Only Heavy Duty Battery)
- Unit Selection: Nm, ft.lb, in.lb, kg-m
- Operating Temperature: -10℃~55℃

- 誤差值：±1%
- 記憶數：10組
- 電池：1.5V AAA 3顆 (僅限碳鋅電池)
- 單位選擇：Nm, ft.lb, in.lb, kg-m
- 使用環境溫度：-10℃~55℃

MODEL 型號	Driver 規格	Capacity 扭力範圍	Length 長度	Net Weight 重量
	inch	Nm	mm	kg
OP-DTS10N	1/4	1-10	122	0.31

Spring Balancer

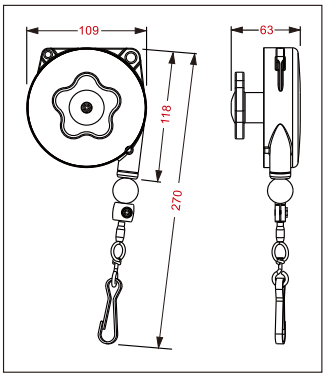
彈簧吊車



Auxiliary Suspension
輔助吊架

Main Suspension
主吊架

Adjustment Dial Turn
Counter-clockwise for heavier load.
Pull the adjustment dial turn and clockwise for the lighter load.
調整轉盤
逆時針方向增加載重。
拉起調整轉盤並順時針方向減少載重。



UNIT：(mm)

Stopper
Loosen the locking screw to change positions for stroke adjustment
定位塊
鬆開螺絲即可調整至適當位置



OP-SB01
OP-SB02
OP-SB03
OP-SB04

MODEL 型號	Max Suspending Capacity 載重能力	Max Stroke 最大行程	Net Weight 重量
	KG	cm	kg
OP-SB01	0.5-1.2	160	0.56
OP-SB02	1.0-2.0	160	0.56
OP-SB03	2.0-3.0	160	0.56
OP-SB04	3.0-4.5	160	0.65

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Exclusive Bit
專用起子頭



MODEL 型號	Type 樣式	Hex 規格	Length 長度	g 克	Packing 入數
OP-102-0030	PH0	1/4"	30mm	8	1000pcs
OP-102-0130	PH1	1/4"	30mm	8	1000pcs
OP-102-0230	PH2	1/4"	30mm	8	1000pcs
OP-102-0330	PH3	1/4"	30mm	8	1000pcs
OP-102-0430	PH4	1/4"	30mm	8	1000pcs



Exclusive for 專用起子頭 **OP-106A OP-106B**

MODEL 型號	Type 樣式	Hex 規格	Length 長度	g 克	Packing 入數
B4HPH0028	PH0	4mm	28mm	3	300PCS
B4HPH1028	PH1	4mm	28mm	3	300PCS

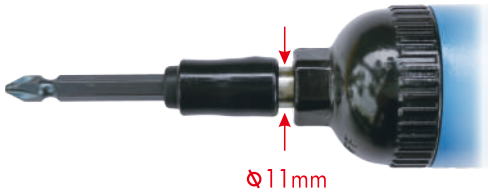
Simple Connection Sleeve
簡易連接套



51-203-01

APPLICATION :
- Suitable for ⌀11mm pneumatic screwdriver anvil.

用 途：
- 適用於 ⌀11mm氣動螺絲刀主軸

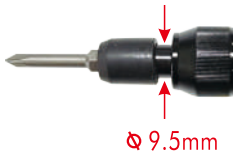




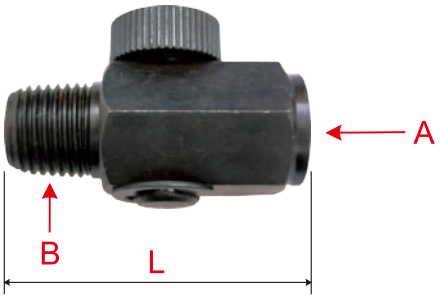
51-201-01

APPLICATION :
- Suitable for ⌀9.5mm pneumatic screwdriver anvil.

用 途：
- 適用於 ⌀9.5mm 氣動螺絲刀主軸



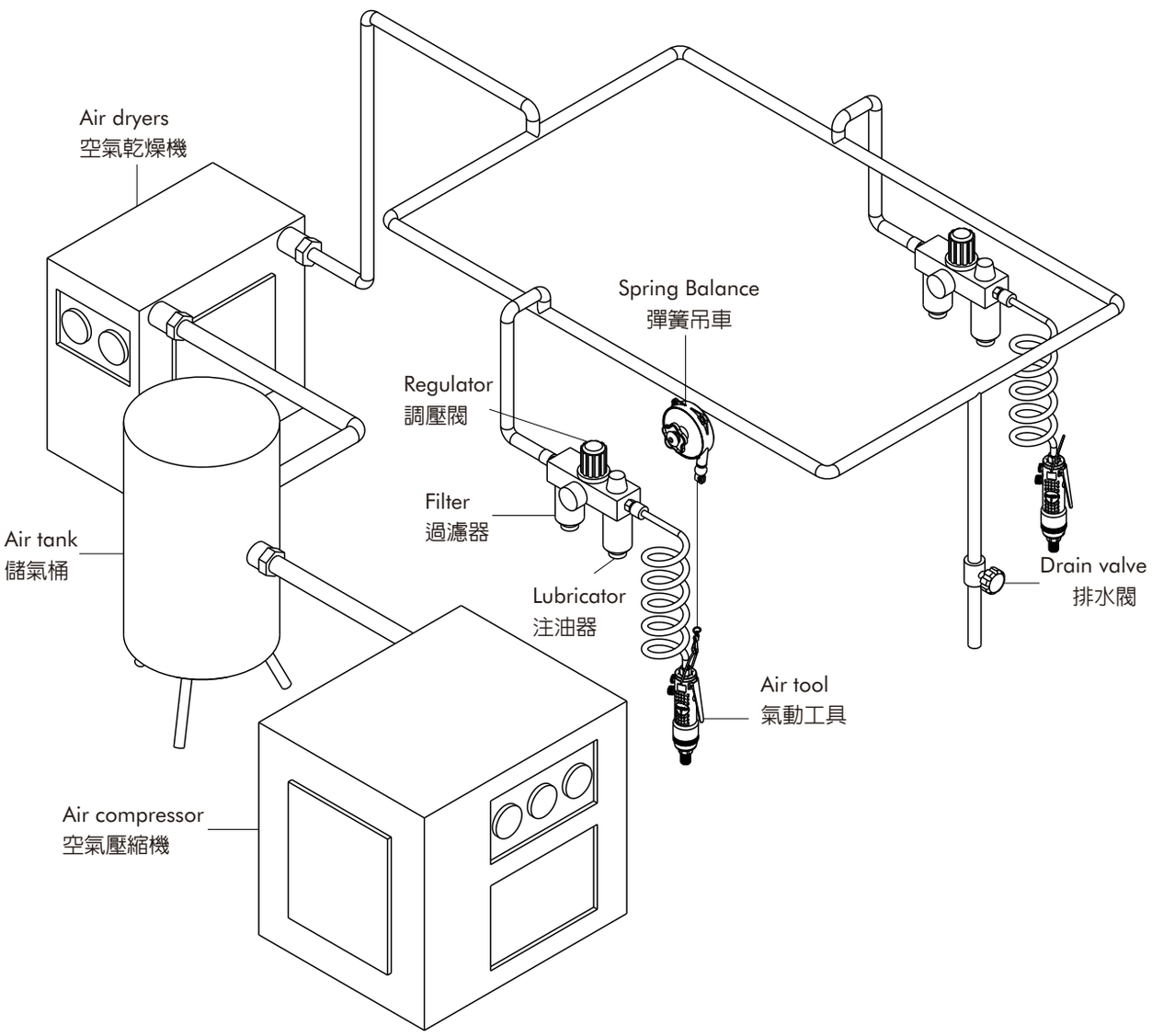
Air Regulator Assembly
風量調整器



MODEL 型號	A	B	L	g 克
25-703-16	NPT 1/4 PT 1/4	NPT 1/4 PT 1/4	40mm	60

Air Line Network

空氣輸送配置



CAUTION

While installing air compressor system, be sure to have filters, oil-water separator, regulators, and lubricators in order to increase work efficiency, prolong the lifespan of air tools and reduce maintenance costs.

注 意

配置空氣壓縮機系統中，必須配置：過濾器、油水分離器、壓力調節器及潤滑劑，以提高工作效率，延長氣動工具壽命，節省保養成本。



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CATALOGUE
2026.10

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