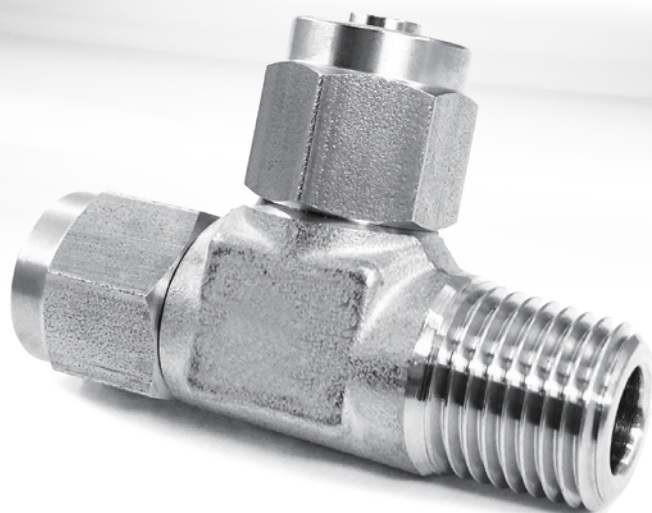




軟管接頭 Soft Tube Fittings

飛速型接頭 Rapid Pneumatic Fittings
省力快插接頭 Push-in Pneumatic Fittings



您的安全，奇賓接管
YOUR SAFETY, CHIBIN TAKES CARE OF

公司簡介

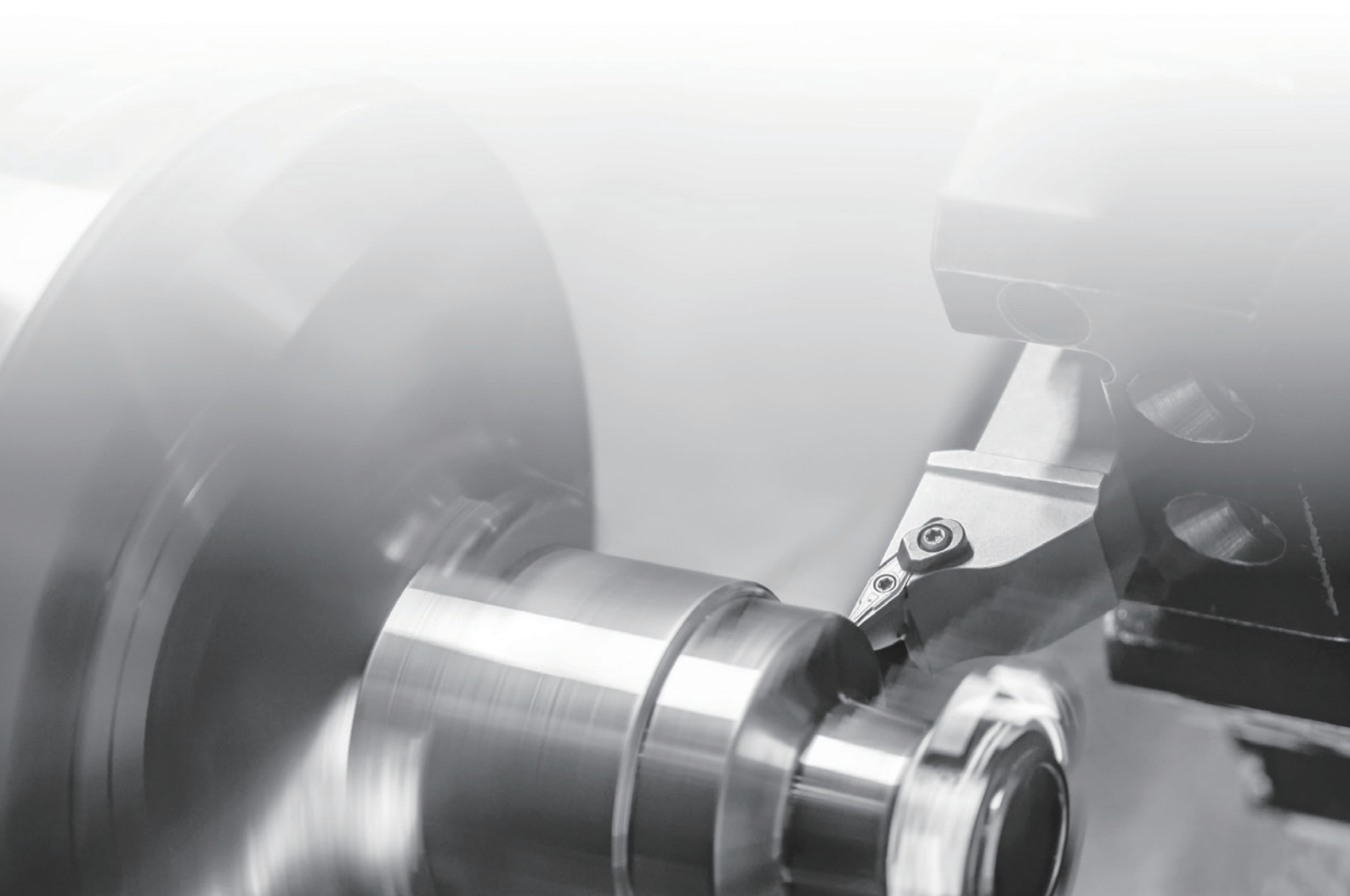
Company Profile

奇賓機械有限公司創立於西元1980年，為台灣首家專業以『不鏽鋼接頭為主要產品』的優質製造商。

奇賓於創立初期即因品質優良受選為台塑集團指定不鏽鋼接頭主要供應商，迄今本公司仍持續提供台塑集團產品。目前服務台灣地區三千間以上客戶，除國家研究單位，且也是國內知名上市、上櫃企業之優質供應商。狹著優良之品質及數十年的品牌信譽，奇賓近期持續發展國外商業版圖，產品已外銷到日本、澳洲、馬來西亞、大陸等地。

CHIBIN Machine Co., Ltd. was established in 1980 and has been the first leading company committed to producing stainless steel fittings in Taiwan.

In the beginning of establishment, our excellent quality has been selected as the main supplier of stainless steel fittings for Formosa Plastics Group. We still continue to supply products to them until now. So far we already serve more than 3,000 customers in Taiwan, including national research units and well-known domestic listed companies. With exceptional quality and brand reputation for decades, recently we keep expanding overseas business to Japan, Australia, Malaysia, China, etc.



奇寶計有十四大類標準產品，深受客戶的推崇使用，在雙片啖入式接頭、快速接頭、省力快插接頭，更是本公司具有國際競爭力產品，已受多數國外買主持續採購販售、使用。
為客戶打造全面性的客製化服務，以誠信實在的服務精神及合理價格，為客戶提供最滿意的製品。

We have fourteen categories of standard products which have been highly recommended by the customers. Especially tube fittings, quick couplings and push-in pneumatic fittings are with international competitiveness and many foreign buyers continuously place orders.
Providing customers comprehensive customization and the most satisfactory products with honest service and reasonable price.

01 硬管接頭 Metal Tube Fittings

雙片啖入式接頭 Tube Fittings
單片鋼管接頭 Compression Fittings

02 軟管接頭 Soft Tube Fittings

飛速型接頭 Rapid Pneumatic Fittings
省力快插接頭 Push-in Pneumatic Fittings

03 油管接頭 Hydraulic Fittings

油壓接頭 Hydraulic Fittings
油壓活動接頭 Swivel Fittings
軟管夾頭 Crimp Hose Fittings

04 轉換接頭 Pipe Fittings

一般管件接頭 Pipe Fittings
高壓管件接頭 High Pressure Pipe Fittings

05 快速接頭 Quick Couplings

單閉快速接頭 One-Way Shutoff Quick Couplings
雙閉快速接頭 Two-Way Shutoff Quick Couplings
暢通快速接頭 Straight Through Quick Couplings
大流量快速接頭 Camlock Quick Couplings

06 閥類 Valves Y 型過濾器 YStrainer 噴嘴 Nozzles

07 客製品 OEM

閥類型 Valves
快速接頭類型 Quick Couplings
噴嘴類型 Nozzles
其他類型 Others



產品應用廣

奇賓產品應用極廣，可應用於自動化設備、各式壓力、溫度及流量錶頭、水處理設備、實驗室設備與配管、食品機械、機械加工設備、船艙配管、化工儀表、油壓管路設備、高壓清洗設備等處。

奇賓產品應用的產業涵蓋產業有半導體產業、化工產業、水處理產業、船用五金、重工機械、及氣動工具零件，近年來也開始跨足食品及醫療零件等相關客製化產品。

CHIBIN products have wide applications for automation equipment, various pressure, thermal and flow meters, water treatment equipment, laboratory equipment and piping, food machinery, machining equipment, piping in vessel cabin, chemical instrument, hydraulic pipe equipment, high pressure cleaning equipment, etc.

CHIBIN products are applied for industries including semiconductor, chemical, water treatment, vessel hardware, heavy machinery and pneumatic tool components. In recent years, we also start to provide customized products for food and medical components.



完整的 生產品質管制體系



本公司通過ISO9001國際標準品質驗證，品質更是不斷向上提升，全力為顧客解決管配件上的困擾，並帶給顧客極具競爭力產品及快速又便捷的服務。

本公司以堅強的生產團隊，嚴謹的製程控制及品質保證制度，以及結合長期配合良好且評鑑合格之鍛造、鑄件加工、熱處理等協力廠，建構一個完整的生產品質管制體系。

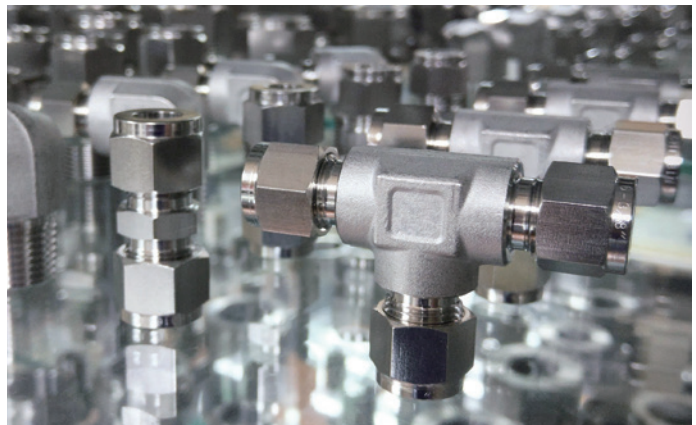
We already passed ISO 9001 certification to continuously ensure higher quality. We are doing all our best to provide the customers total solution for the pipe fittings as well as highly competitive products, speedy and convenient service.

We set up a complete production quality control system with a strong production team, strict process control and quality assurance system as well as long-term cooperative and qualified subcontractors of forging, casting processing, heat treatment, and so on.

品質至上 顧客第一

奇賓始終秉持著誠信用心、品質卓越、服務第一之經營思維，持續塑造本公司之優質產品，聯結良性的經濟體系，“您的安全 奇賓接管”。

We always adhere to the business philosophy of honesty, outstanding quality and service first to continuously provide high quality products for connecting benign economic system.
"Your Safety ,CHIBIN Takes Care Of".



飛速型接頭

Rapid Pneumatic Fittings

螺帽 Nut

本體與螺帽經特殊設計, 可防止軟管脫離。
Body and Nut have special design to prevent tube falling off.

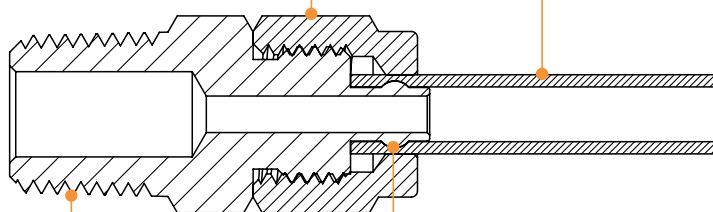
軟管 Soft Tube

本體 Body

材質SUS 304、316

凸緣設計 Flange Design

凸緣設計無須使用密封件, 即可使軟管插入不漏氣。
Flange design isn't necessary to apply seals and it won't have leakage after inserting the tube.



應用 / 特色

- 適用於液體、氣體配管連接。
- 適用於儀器、儀錶、食品、化學、石化工業、水處理產業、醫療設備、農業機械等零件組裝。
※經特殊處理, 可適用食品與醫療設備。(依使用條件訂定)
- 耐用且容易更換。

技術參數

- 工作壓力: 20 kgf/cm²*
- 工作溫度: -20°C~80°C*
- 適用外徑:
1/4"~1/2"、4~16 mm
- 螺紋: PT、NPT

*接頭的適用性與所搭配的
塑膠管種類及外徑有關

用於各式尼龍管、PU、PE、PP管等熱塑膠管

For all kinds of thermoplastic tube, such as Nylon, PU, PE, PP tube



材質 Material : SUS304、316

Application / Features

- Suitable for liquid and gas tubing.
- Suitable for component assembly of instrumentation, food, chemical, petrochemical industries, water treatment, medical equipment and agriculture machines.
※ Suitable for food and medical equipment subject to special treatment.(specific to operation conditions)
- Durable and easy replacement.

Technical Data

- Working Pressure : 20 kgf/cm²*
- Working Temperature : -20°C~80°C*
- Suitable OD :
1/4"~1/2"、4 ~16 mm
- Thread : PT、NPT

*The suitability of fittings depends on the plastic tube type and outside diameter.

索引

Index

飛速型接頭

Rapid Pneumatic Fittings

P.05



直外牙

VMC

Male Connector

P.06

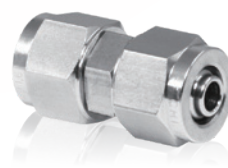


直內牙

VFC

Female Connector

P.06



直由任

VU

Union

P.07



隔板直由任

VBU

Bulkhead Union

P.07



彎由任

VUE

Union Elbow

P.08

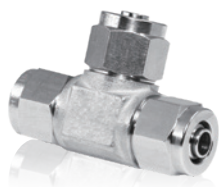


彎外牙

VME

Male Elbow

P.09

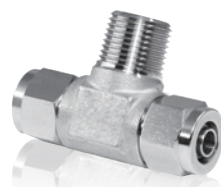


三通由任

VUT

Union Tee

P.09

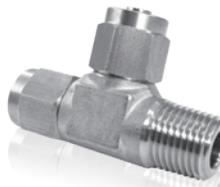


三通中外牙

VMBT

Male Branch Tee

P.10



三通邊外牙

VMRT

Male Run Tee

型號舉例 Example | **VME10M15T-316**

接頭型式 Fitting Type	1 管外徑 Tube OD	2 螺紋尺寸 Thread Size	3 螺紋型式 Thread Type	—	4 材質 Material
VME	10M	15	T	—	316
飛速彎外牙接頭 Male Elbow	10 mm	1/2"	PT	—	SUS316

接頭型式請參考“索引”

For the Fitting Type, please refer to "Index".

1 管外徑代號 Tube Outside Diameter(OD) Code

尺寸Size	4	6	8	10	12	16	1/4	3/8	1/2
代號Code	04 M	06 M	08 M	10 M	12 M	16 M	20 I	30 I	40 I
建議管子尺寸 Suggested Tube Size	2.5 x 4	4 x 6	5 x 8	6.5 x 10	8 x 12	12 x 16	4.57 x 6.35	6.99 x 9.53	9.56 x 12.7

*各軟管製造商之產品有不同性能，請依管外徑搭配相對應尺寸。

Each tube manufacturer's products have different performance,
please choose the corresponding size according to the tube outside diameter.

2 螺紋尺寸代號 Thread Size Code

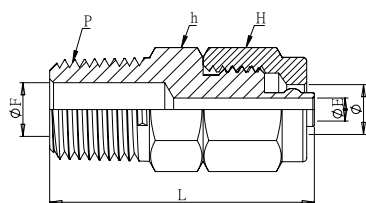
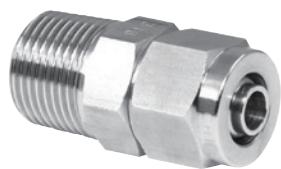
尺寸Size (in.)	1/8	1/4	3/8	1/2
代號 Code	03	06	10	15

3 螺紋型式代號 Thread Type Code

型式 Type	PT 管用錐形螺紋	NPT 美制管用錐形螺紋
代號 Code	T	N
規範 Specification	Taper Pipe Threads (JIS B0203, ISO7/1)	American National Standard Taper Pipe Threads (ANSI B1. 20. 1)

4 材質代號 Material Code

材質 Material	SUS304	SUS316
代號 Code	空白Blank	316



飛速直外牙接頭 Male Connector

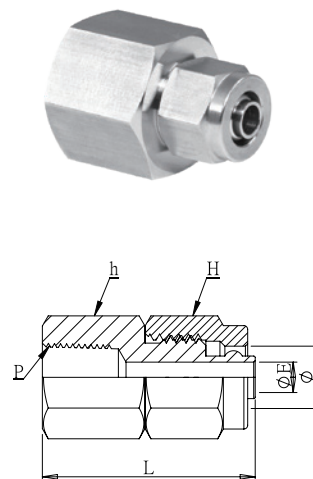
Part No	Tube OD	Thread Size	Dimensions			H六角	h六角
	Ø	P-PT	Ø E	Ø F	L		
VMC04M03T	4	1/8"	1.5	5	28	11	11
VMC04M06T		1/4"		7	32		14
VMC06M03T	6	1/8"	3	5	30	14	12
VMC06M06T		1/4"		7	34.5		14
VMC06M10T		3/8"		9.6	35.5		17
VMC06M15T		1/2"		12	40.5		22
VMC08M03T	8	1/8"	4	5	30	14	12
VMC08M06T		1/4"		7	34.5		14
VMC08M10T		3/8"		9.6	35.5		17
VMC08M15T		1/2"		12	40.5		22
VMC10M03T	10	1/8"	5.5	5	31.5	17	14
VMC10M06T		1/4"		7	35.5		14
VMC10M10T		3/8"		9.6	36.5		17
VMC10M15T		1/2"		12	41.5		22
VMC10M20T	12	3/4"	7	16	44	19	27
VMC12M03T		1/8"		5	31.5		17
VMC12M06T		1/4"		7	36		17
VMC12M10T		3/8"		9.6	37		17
VMC12M15T		1/2"		12	42		22
VMC12M20T		3/4"		16	44		27
VMC16M10T	16	3/8"	10	12	42	22	22
VMC16M15T		1/2"					

Part No	Tube OD	Thread Size	Dimensions			H六角	h六角
	Ø	P-PT	Ø E	Ø F	L		
VMC20I03T	1/4"	1/8"	3	5	30	14	12
VMC20I06T		1/4"		7	34.5		14
VMC20I10T		3/8"		9.6	35.5		17
VMC20I15T		1/2"		12	40.5		22
VMC30I03T	3/8"	1/8"	5.5	5	31.5	17	14
VMC30I06T		1/4"		7	35.5		14
VMC30I10T		3/8"		9.6	36.5		17
VMC30I15T		1/2"		12	41.5		22
VMC30I20T	1/2"	3/4"	7	16	44	19	27
VMC40I03T		1/8"		5	31.5		17
VMC40I06T		1/4"		7	36		17
VMC40I10T		3/8"		9.6	37		17
VMC40I15T		1/2"		12	42		22

VFC

飛速直內牙接頭 Female Connector

Part No	Tube OD	Thread Size	Dimensions		H六角	h六角
	Ø		Ø E	L		
VFC04M06T	4	1/4"	1.5	31.5	11	17
VFC06M03T	6	1/8"	3	28	14	14
VFC06M06T		1/4"		33		17
VFC06M10T		3/8"		32.5		21
VFC06M15T		1/2"		36.5		26
VFC08M03T	8	1/8"	4	28	14	14
VFC08M06T		1/4"		33		17
VFC08M10T		3/8"		32.5		21
VFC10M06T	10	1/4"	5.5	34	17	17
VFC10M15T		1/2"		37.5		26
VFC12M06T	12	1/4"	7	34.5	19	17
VFC12M10T		3/8"		34		21
VFC12M15T		1/2"		41		26



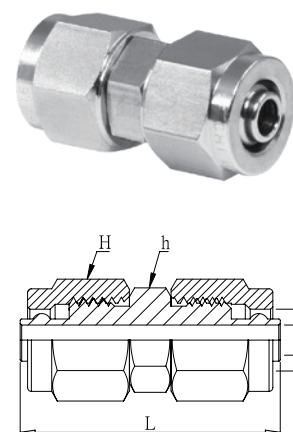
Part No	Tube OD	Thread Size	Dimensions		H六角	h六角
	Ø		Ø E	L		
VFC20I03T	1/4"	1/8"	3	28	14	14
VFC20I06T		1/4"		33		17
VFC20I10T		3/8"		32.5		21
VFC20I15T		1/2"		36.5		26
VFC30I06T	3/8"	1/4"	5.5	34	17	17
VFC30I15T		1/2"		37.5		26
VFC40I06T	1/2"	1/4"	7	34.5	19	17
VFC40I10T		3/8"		34		21
VFC40I15T		1/2"		41		26

VU

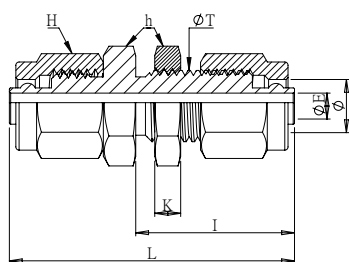
飛速直由任接頭 Union

Part No	Tube OD	Dimensions		H六角	h六角
	Ø	Ø E	L		
VU04M	4	1.5	31	11	11
VU06M	6	3	34.5	14	12
VU08M	8	4	34.5	14	12
VU10M	10	5.5	37	17	14
VU12M	12	7	39	19	17
VU16M	16	10	44	22	22

Part No	Tube OD	Dimensions		H六角	h六角
	Ø	Ø E	L		
VU20I	1/4"	3	34.5	14	12
VU30I	3/8"	5.5	37	17	14
VU40I	1/2"	7	39	19	17



VBU

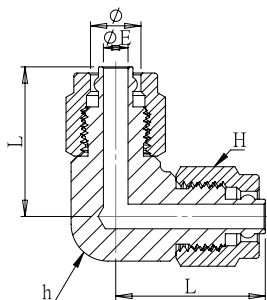
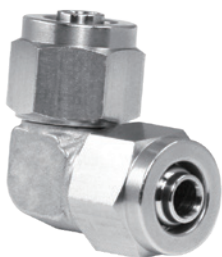


飛速隔板直由任接頭 Bulkhead Union

Part No	Tube OD	Panel Hole Size	Dimensions				H六角	h六角
	Ø	Ø T(穿板孔徑)	Ø E	L	I	K		
VBU04M	4	8.3	1.5	42	25	4	11	12
VBU06M	6	11.5	3	44	24.5	4	14	16
VBU08M	8	11.5	4	44	24.5	4	14	16
VBU10M	10	13.2	5.5	50	28.5	5	17	17
VBU12M	12	16.3	7	50	27.5	6	19	19

Part No	Tube OD	Panel Hole Size	Dimensions				H六角	h六角
	Ø	Ø T(穿板孔徑)	Ø E	L	I	K		
VBU20I	1/4"	11.5	3	44	24.5	4	14	16
VBU30I	3/8"	13.2	5.5	50	28.5	5	17	17
VBU40I	1/2"	16.3	7	50	27.5	6	19	19

VUE



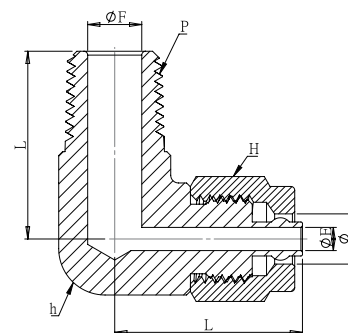
飛速彎由任接頭 Union Elbow

Part No	Tube OD	Dimensions		H六角	h
	Ø	Ø E	L		
VUE04M	4	1.5	19.8	11	11.5
VUE06M	6	3	24.3	14	14.5
VUE08M	8	4	24.3	14	14.5
VUE10M	10	5.5	24.3	17	14.5
VUE12M	12	7	26.7	19	18.6

Part No	Tube OD	Dimensions		H六角	h
	Ø	Ø E	L		
VUE20I	1/4"	3	24.3	14	14.5
VUE30I	3/8"	5.5	24.3	17	14.5
VUE40I	1/2"	7	26.7	19	18.6

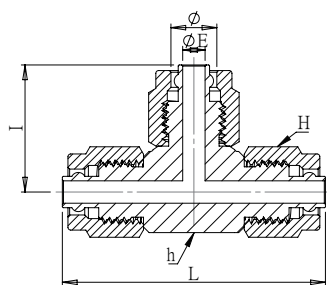
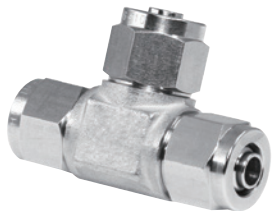
飛速彎外牙接頭 Male Elbow

Part No	Tube OD	Thread Size	Dimensions			H六角	h
	Ø	P-PT	Ø E	Ø F	L		
VME04M03T	4	1/8"	1.5	4.8	23.7	11	14.5
VME04M06T		1/4"		7			
VME06M03T	6	1/8"	3	4.8	23.7	14	14.5
VME06M06T		1/4"		7	23.9		18.6
VME06M10T		3/8"		9.6	26.7		22.7
VME06M15T		1/2"		12	31.7		
VME08M03T	8	1/8"	4	4.8	23.7	14	14.5
VME08M06T		1/4"		7	23.9		16.5
VME08M10T		3/8"		9.6	31		22.7
VME08M15T		1/2"		12	31.7		
VME10M03T	10	1/8"	5.5	4.8	23.7	17	14.5
VME10M06T		1/4"		7	23.9		16.5
VME10M10T		3/8"		9.6	31		21
VME10M15T		1/2"		12	33		
VME12M03T	12	1/8"	7	4.8	26.7	19	18.6
VME12M06T		1/4"		7	30.3		16.5
VME12M10T		3/8"		9.6	33		21
VME12M15T		1/2"		12	33		
VME16M10T	16	3/8"	10	9.6	31.7	22	22.7
VME16M15T		1/2"		12			



Part No	Tube OD	Thread Size	Dimensions			H六角	h
	Ø	P-PT	Ø E	Ø F	L		
VME20I03T	1/4"	1/8"	3	4.8	23.7	14	14.5
VME20I06T		1/4"		7	23.9		18.6
VME20I10T		3/8"		9.6	26.7		22.7
VME20I15T		1/2"		12	31.7		
VME30I03T	3/8"	1/8"	5.5	4.8	23.7	17	14.5
VME30I06T		1/4"		7	23.9		16.5
VME30I10T		3/8"		9.6	31		21
VME30I15T		1/2"		12	33		
VME40I03T	1/2"	1/8"	7	4.8	26.7	19	18.6
VME40I06T		1/4"		7	30.3		16.5
VME40I10T		3/8"		9.6	33		21
VME40I15T		1/2"		12	33		

VUT

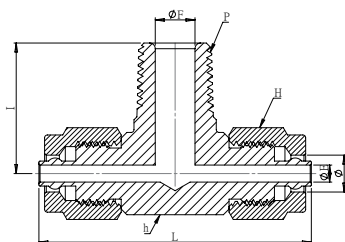
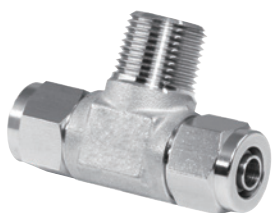


飛速三通由任接頭 Union Tee

Part No	Tube OD	Dimensions			H六角	h
	Ø	Ø E	I	L		
VUT04M	4	1.5	22.7	47	11	14.5
VUT06M	6	3	22.7	47	14	14.5
VUT08M	8	4	22.7	47	14	14.5
VUT10M	10	5.5	24	48	17	14.5
VUT12M	12	7	26.2	53	19	18.6
VUT16M	16	10	31.5	63	22	22.7

Part No	Tube OD	Dimensions			H六角	h
	Ø	Ø E	I	L		
VUT20I	1/4"	3	22.7	47	14	14.5
VUT30I	3/8"	5.5	24	48	17	14.5
VUT40I	1/2"	7	26.2	53	19	18.6

VMBT



飛速三通中外牙接頭 Male Branch Tee

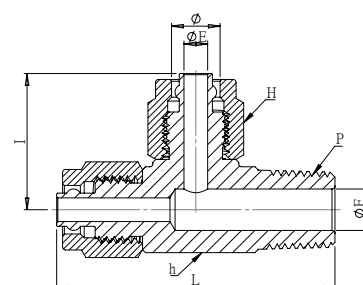
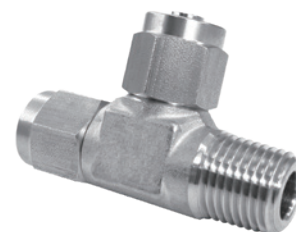
Part No	Tube OD	Thread Size	Dimensions				H六角	h
	Ø	P-PT	Ø E	Ø F	I	L		
VMBT06M03T	6	1/8"	3	5	23	48	14	14.5
VMBT06M06T	6	1/4"	3	7	23	48	14	14.5
VMBT08M03T	8	1/8"	4	5	23	48	14	14.5
VMBT08M06T	8	1/4"	4	7	23	48	14	14.5
VMBT10M06T	10	1/4"	5.5	7	23	48	14	14.5
VMBT10M10T	10	3/8"	5.5	9.6	26	53	17	18.6

*此品項非常態性庫存，需另外車製，且接受非上述表列尺寸訂製。
This item isn't in normal stock and needs to be produced per request.
Customized size not in above table is acceptable.

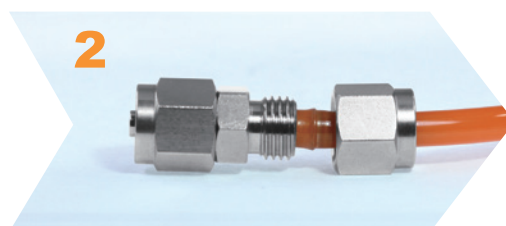
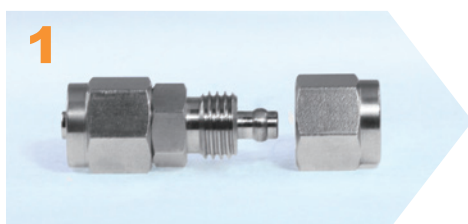
飛速三通邊外牙接頭 Male Run Tee

Part No	Tube OD	Thread Size	Dimensions				H六角	h
	Ø	P-PT	Ø E	Ø F	I	L		
VMRT06M06T	6	1/4"	3	7	23	47	14	14.5
VMRT08M06T	8	1/4"	4	7	23	47	14	14.5
VMRT08M10T	8	3/8"	4	9.6	26.5	53	14	18.6
VMRT08M15T	8	1/2"	4	12	31.7	63.4	14	22.7
VMRT10M15T	10	1/2"	5.5	12	31.7	63.4	14	22.7

*此品項非常態性庫存，需另外車製，且接受非上述表列尺寸訂製。
This item isn't in normal stock and needs to be produced per request.
Customized size not in above table is acceptable.



接頭與管子連接方式 Installation

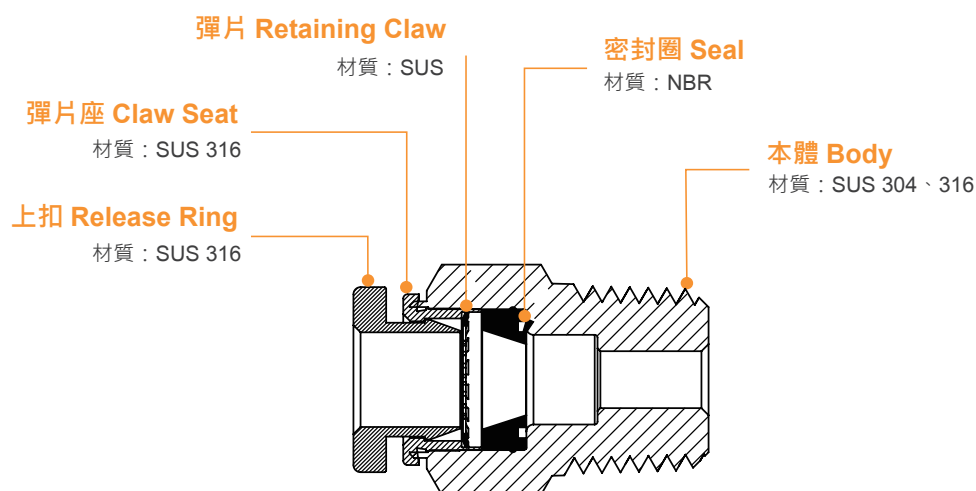


省力快插接頭

Push-in Pneumatic Fittings

內部結構 Internal Structure

- ※所有標準均採用NBR密封，另有 Viton供選用。其他材質請洽詢本公司。
- ※若使用液體內容物有可能影響內部零件，使用前須先行試用之。
- ※All standard specifications apply NBR seal. Viton is optional. For other materials, please consult with CHIBIN.
- ※If the applied liquid might affect internal parts, it must be tested before use.



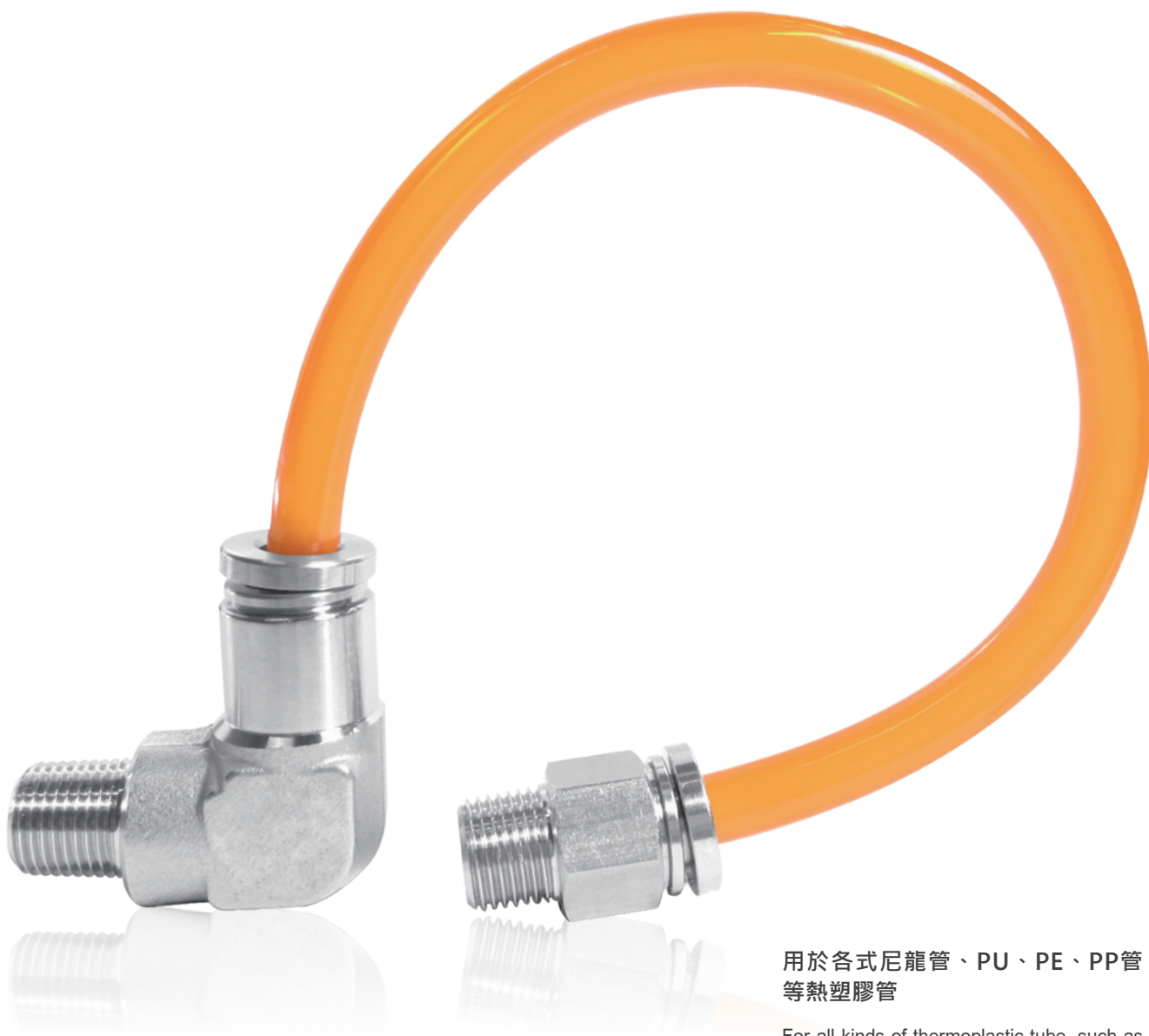
應用 / 特色

- 適用於液體、氣體配管連接。
- 適用於儀器、儀錶、食品、化學、石化工業、水處理產業、醫療設備、農業機械等零件組裝。
※經特殊處理，可適用食品與醫療設備。(依使用條件訂定)
- 快速安裝、使用方便、節省空間。

技術參數

- 工作壓力：7~10 kgf/cm²*
- 工作溫度：-20°C~80°C*
- 適用外徑：4~12 mm
- 螺紋：PT、NPT

*接頭的適用性與所搭配的
塑膠管種類及外徑有關



用於各式尼龍管、PU、PE、PP管
等熱塑膠管

For all kinds of thermoplastic tube, such as
Nylon, PU, PE, PP tube

材質 Material : SUS304、316

Application / Features

- Suitable for liquid and gas tubing.
- Suitable for component assembly of instrumentation, food, chemical, petrochemical industries, water treatment, medical equipment and agriculture machines.
※ Suitable for food and medical equipment subject to special treatment. (specific to operation conditions)
- Fast installation, easy to use, space-saving.

Technical Data

- Working pressure : 7~10 kgf/cm²*
- Working Temperature : -20°C~80°C*
- Suitable OD : 4~12 mm
- Thread : PT、NPT

*The suitability of fittings depends on the plastic tube type and outside diameter.

索引

Index

省力快插接頭

Push-in Pneumatic Fittings

P.15



直外牙

PMC

Male Connector

P.15

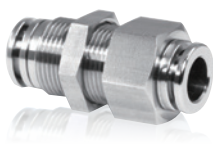


直由任

PU

Union

P.16



隔板直由任

PBU

Bulkhead Union

P.16



隔板直內牙

PBUF

Bulkhead Female Connector

P.17



彎外牙

PME

Male Elbow

P.18



彎由任

PUE

Union Elbow

P.18



三通由任

PUT

Union Tee

P.19



調速閥

PMSC

Speed Controller

型號舉例 Example | **PME10M15T-316**

接頭型式 Fitting Type	1 管外徑 Tube OD	2 螺紋尺寸 Thread Size	3 螺紋型式 Thread Type	—	4 材質 Material
PME	10M	15	T	—	316
省力快插彎外牙接頭 Male Elbow	10 mm	1/2"	PT	—	SUS316

接頭型式請參考“索引”

For the Fitting Type, please refer to "Index".

1 管外徑代號 Tube Outside Diameter(OD) Code

尺寸Size (mm)	4	6	8	10	12
代號Code	04 M	06 M	08 M	10 M	12 M

*另有1/4". (管外徑代號20I)

There is also 1/4". (tube OD code 20I)

2 螺紋尺寸代號 Thread Size Code

尺寸Size (in.)	1/8	1/4	3/8	1/2
代號 Code	03	06	10	15

3 螺紋型式代號 Thread Type Code

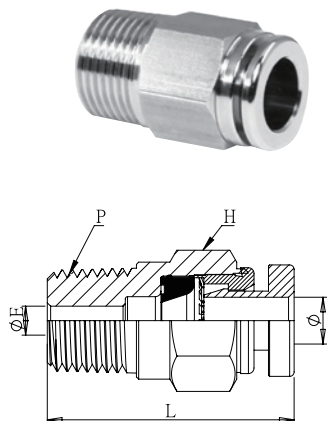
型式 Type	PT 管用錐形螺紋	NPT 美制管用錐形螺紋
代號 Code	T	N
規範 Specification	Taper Pipe Threads (JIS B0203, ISO7/1)	American National Standard Taper Pipe Threads (ANSI B1. 20. 1)

4 材質代號 Material Code

材質 Material	SUS304	SUS316
代號 Code	空白Blank	316

PMC

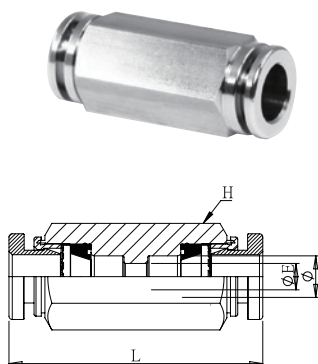
省力快插直外牙接頭 Male Connector



Part No	Tube OD	Thread Size	Dimensions		H六角
	Ø	P-PT	Ø E	L	
PMC04M03T	4	1/8"	4	22.15	11
PMC04M06T		1/4"	2.6	22.65	14
PMC06M03T	6	1/8"	4	22.25	12
PMC06M06T		1/4"		25.25	14
PMC06M10T		3/8"		26.25	17
PMC06M15T		1/2"		29.25	22
PMC08M03T	8	1/8"	5	29.35	14
PMC08M06T		1/4"	6	27.55	
PMC08M10T		3/8"		28.35	17
PMC08M15T		1/2"		31.35	22
PMC10M03T	10	1/8"	5	30.45	17
PMC10M06T		1/4"	8	30.95	
PMC10M10T		3/8"		31.45	22
PMC10M15T		1/2"		35.45	
PMC12M03T	12	1/8"	5	35.2	22
PMC12M06T		1/4"	8	37.2	
PMC12M10T		3/8"	9	37.2	
PMC12M15T		1/2"		36.7	

PU

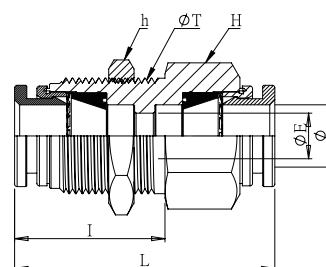
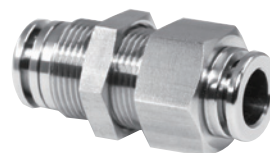
省力快插直由任接頭 Union



Part No	Tube OD	Dimensions		H六角
	Ø	Ø E	L	
PU04M	4	2.6	32.3	12
PU06M	6	4	38.5	14
PU08M	8	5	41.7	14
PU10M	10	8	43.9	17
PU12M	12	9	51.4	22

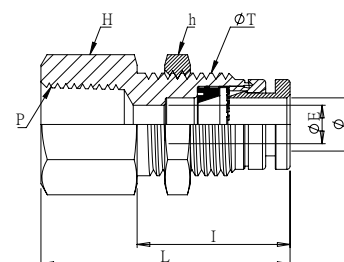
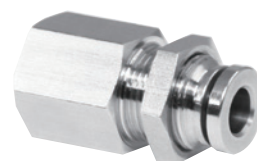
省力快插隔板直由任接頭 Bulkhead Union

Part No	Tube OD	Panel Hole Size	Dimensions			H六角	h六角
	Ø		Ø E	I	L		
PBU06M	6	14.5	4	22.05	36.8	17	17
PBU08M	8	16.5	6	23.85	40.2	19	19
PBU10M	10	19.5	8	28.45	47.9	22	22
PBU12M	12	22.6	9	29.7	51.4	25	27

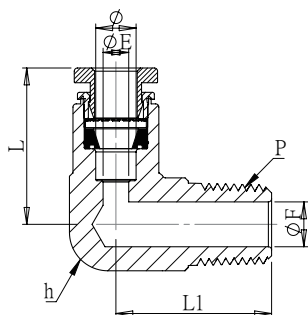


省力快插隔板直內牙接頭 Bulkhead Female Connector

Part No	Tube OD	Thread Size	Panel Hole Size	Dimensions			H六角	h六角
	Ø	P-PT		Ø E	I	L		
PBUF06M06T	6	1/4"	14.5	4	22.25	37.25	17	17
PBUF08M06T	8	1/4"	16.5	6	23.85	38.85	19	19



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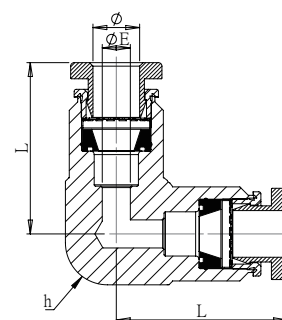
省力快插彎外牙接頭 Male Elbow

Part No	Tube OD	Thread Size	Dimensions				h
	Ø	P-PT	Ø E	Ø F	L	L1	
PME04M03T	4	1/8"	2.6	4.8	21.15	24.3	14.5
PME04M06T		1/4"		7			
PME06M03T	6	1/8"	4	4.8	24.25	24.3	14.5
PME06M06T		1/4"		7			
PME06M10T		3/8"		9.7	27.25	26.7	18.6
PME06M15T		1/2"		12	32.25	31.7	22.7
PME08M03T	8	1/8"	6	4.8	24.65	24.3	14.5
PME08M06T		1/4"		7			
PME08M10T		3/8"		9.6	32.55	26.7	18.6
PME08M15T		1/2"		12	34.55	31.7	22.7
PME10M03T	10	1/8"	8	4.8	28.45	26.7	18.6
PME10M06T		1/4"		7			
PME10M10T		3/8"		9.6	31.95	31.7	22.7
PME10M15T		1/2"		12			
PME12M03T	12	1/8"	9	4.8	34.4	31.7	22.7
PME12M06T		1/4"		7			
PME12M10T		3/8"		9.6	34.4	31.7	22.7
PME12M15T		1/2"		12			

PUE

省力快插彎由任接頭 Union Elbow

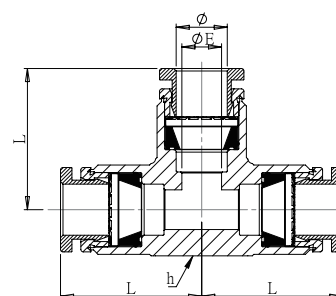
Part No	Tube OD	Dimensions		h
	Ø	Ø E	L	
PUE04M	4	2	21.15	14.5
PUE06M	6	4	24.25	14.5
PUE08M	8	6	25.85	14.5
PUE10M	10	8	28.45	18.6
PUE12M	12	9	34.4	22.7

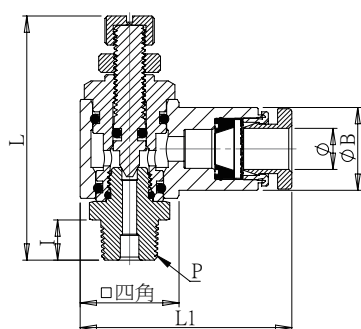


PUT

省力快插三通由任接頭 Union Tee

Part No	Tube OD	Dimensions		h
	Ø	Ø E	L	
PUT04M	4	2.6	21.15	14.5
PUT06M	6	4	27.75	14.5
PUT08M	8	6	24.65	14.5
PUT10M	10	8	28.45	18.6
PUT12M	12	9	34.4	22.7



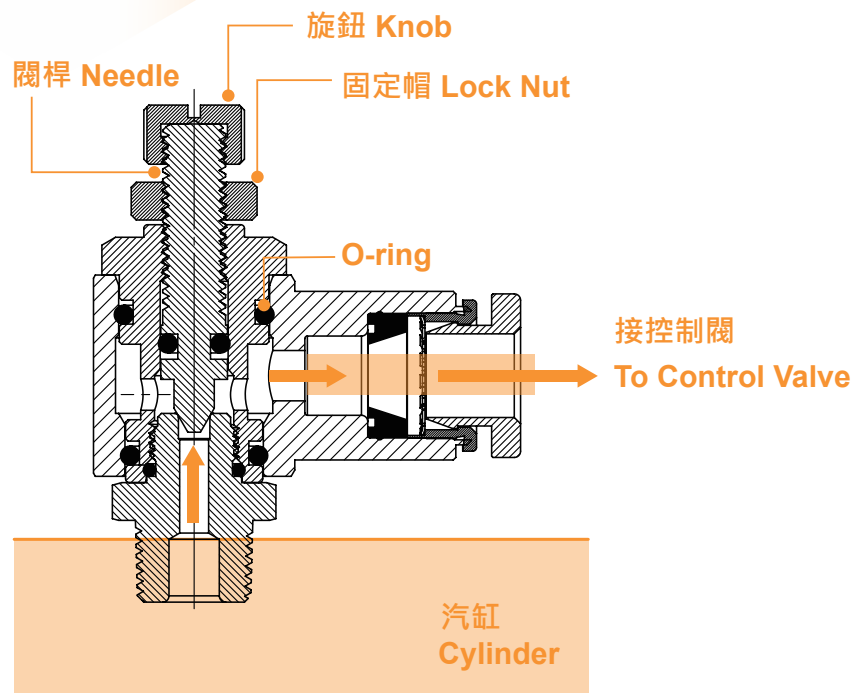


省力快插調速閥 Speed Controller

Part No	Tube OD	Thread Size	Dimensions				□四角
	Ø	P-PT	I	L	L1	ØB	
PMSC06M03T	6	1/8"	7	38.5	34.25	13.4	16
PMSC06M06T	6	1/4"	11	44.5	34.25	13.4	16
PMSC08M03T	8	1/8"	7	38.5	35.85	15	16
PMSC08M06T	8	1/4"	11	44.5	35.85	15	16
PMSC10M06T	10	1/4"	11	53.3	41.45	18	20
PMSC10M10T	10	3/8"	12	54.3	41.45	18	20

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安裝要領 Key Point of Installation



調速閥通常直接安裝在氣缸上即能提供準確而精密的調速功能。當氣缸上沒有空間可供安置或空間不足時，調速閥應儘量安置於最接近氣缸的位置，以取得最好的調節功能。

Speed controller is usually installed directly on the cylinder and can provide accurate and precise speed adjustment. When there is no space or not enough space on the cylinder for installation, the speed controller should be placed as close as possible to the cylinder in order to have the best adjustment function.

*省力快插調速閥為排氣控制(標準型)，可調節氣流來控制氣動迴路的運行速度。快插功能在調速閥上可輕鬆連接或斷開管路。調速閥可控制一個方向的流量，允許以相反的方向自由流動。旋鈕可逐漸調節通過閥門的流量。

Push-in pneumatic speed controller is Meter-out type (standard). It can regulate airflow to control the operational speed in pneumatic circuit. Push-in function provides the speed controller for connecting or disconnecting the tubing easily. The speed controller controls the flow in one direction and allows free flow in the opposite direction. Knob can adjust gradually the flow passing through the valve.

安裝說明

Installation Instructions

省力快插接頭

Push-in Pneumatic Fittings

插入管子

1

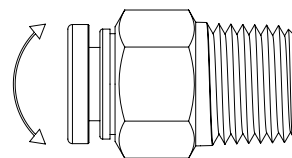
只需要簡單的將管子插入接頭的管端，通過彈片、密封圈直至底端面，彈片即可牢牢鎖住管子使其不易被拔出。

注一：管外徑需注意真圓度，避免氣密性不佳。

注二：管子反覆多次拔出後，應剪去端部磨損部分，修平後繼續使用。確認管子端面是否被切斷成直角，管外徑無破損或刮痕。

2

快插接頭不可承受外部負荷(彎曲、扭轉、拉扯作用)否則可能成為損壞或洩漏原因。



安裝使用注意事項 Notice for installation



1 Insert Tube In Fittings

Simply insert the tube into the fitting through the retaining claw and seal until contacting the bottom such that the tube is locked by the retaining claw and hard to be removed.

Note 1 : Pay attention to the roundness of the tube outside diameter to prevent poor air tightness.

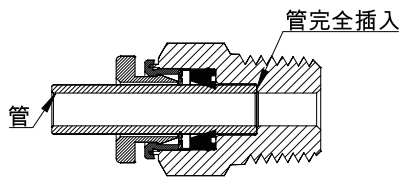
Note 2 : Cut and trim the worn out part of tubes after repeated inserting in and pulling out them; make sure the cutting face is longitudinally vertical and the outer surface ended up without damage or scratch.

2

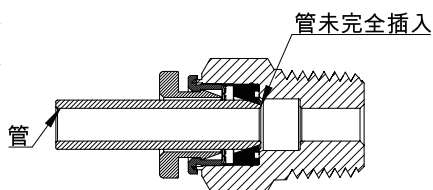
DO NOT subject push-in fittings to external forces (including bending, twisting, pulling) as this may result in their damage or air leakage.

3

管子插入深度不夠時，會發生漏氣或管子脫落之現象。



Tube inserted completely



Tube inserted incompletely

4

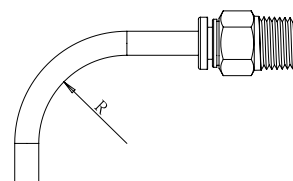
連接管子後，避免過分的拉動或彎曲管子，否則會對接頭造成不良影響，請根據下表進行安裝操作。

*管子要有足夠長度，以免在快插接頭頂部過分彎曲。

單位unit:mm

管外徑 Tube OD	R
4	20
6	30
8	50
10	80
12	150

管子最小彎曲半徑
Minimum bend radius of the tube



3

Tube not inserted into place may lead to their air leakage or falling off.

4

Once the tube gets connected, keep it from over pulling or bending as this may damage the fittings. Please go on the installation according to above table.

* The tube shall be long enough to prevent over bending at top of push-in fittings.

安裝說明

Installation Instructions

拔出管子

拔出管子前，將接頭上扣向下壓入，彈片打開，管子即可拔出。

注一：拔出管子前，請確保管子內的氣壓是零。

注二：拔出管子時，均勻施壓上扣再拉管子，若按壓力量不足，管子不易被拉出，且管子外壁會被彈片劃出痕跡造成密封漏氣。

注三：拔出管子時，勿左右或360°旋轉管子，否則管子可能會被劃出溝槽而無法拉出。

No Pressure



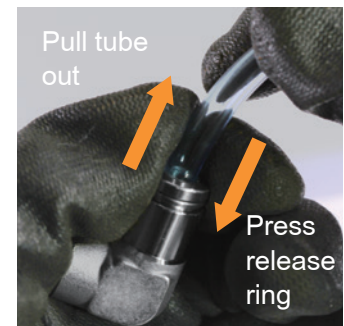
Pull Tube Out of Fittings

Press fittings' release ring down to release the retaining claw and then pull out the tube.

Note 1 : Make sure there is no pressure left in the tube before removing it.

Note 2 : Press releasing ring evenly and then pull tube out; otherwise, the tube may not only hard to get pulled out of the fittings but also get the outer surface scratched by the retaining claw which, in turn, may lead to sealing failure and air leakage.

Note 3 : DO NOT turn tubes leftward or rightward or 360° rotating as they may get scratched and cannot be pulled out.



密封圈材質的工作溫度範圍和特性 Working Temperature and Features of Seal

材質 Material	工作溫度 Working Temperature	特性 Features
NBR丁晴膠 (Nitrile Rubber)	-20°C~+80°C	耐油、耐水、耐磨、耐高油壓，不耐極性溶劑 Resistant to oil, water, abrasion, and high oil pressure but not polar solvents
VITON氟橡膠 (Fluoro Carbon Rubber)	-25°C~+180°C	耐油、耐熱、耐藥品、耐溶劑，不耐酮酯類及含硝的混合物 Resistant to oil, heat, medicine, and solvents but not ketones and nitrate-containing mixtures

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