BUENO
Technology Co., Ltd.

和正豐科技

FLOW CONTROL

www.buenoeco.com

公司簡介

和正豐科技股份有限公司創立於西元1969年，為一家生產各式高功能流量控制產品的製造商。備有Class 1000等級的無塵室，生產高潔淨度無油無水的閥門、管件、零件，以服務我們的顧客如：醫藥生技、半導體、光電產業、電子化學及石化產業等對製程高度要求的廠商。和正豐產品包含PFA裡襯閥門及管件、PFA管及接頭、鐵氟龍PTFE製品、球閥、閥類配件、脫臘鑄件、塑膠射出品、高溫石墨、渦型墊圈、橡膠製品等，並以使用安全、使用壽命長、低維護成本為最優先考量。

每一項和正豐的產品，均由最高品質的材料以及先進的生產技術所製造；每個製程由高度專業的人員執行並隨時監控。我們對製程的要求，加上嚴謹的測試與完整的售後服務，提供客戶合理價格、品質優良的產品。

和正豐堅信不斷自我提昇是維持市場領先地位的關鍵，也是在高標準的國際市場保持競爭優勢的唯一方法。本公司堅持不斷努力在產業界為我們贏得重要地位，以及來自日本、美國、歐洲、加拿大、澳洲、新加坡及國內生意夥伴的信賴與支持。在多變的時代，唯一不變的，是我們堅持以創新、環保、高競爭力、樂觀進取、追求合理、永續發展、有福同享作為公司經營基石的信念。

C F
BUENO
Technology Co., Ltd.

公司沿革

1969 和正豐科技股份有限公司成立於臺南，以生產鐵氟龍密封件為主
1976 開始塑膠射出產品的生產
1994 於台灣建立脫臘鑄造廠
1998 開始生產PFA內襯閥門，內襯管及管件，通過ISO 9001認證
2001 建立上海廠 - 陸豐（上海）精機有限公司
2003 無塵室設立，開始生產潔淨閥
2005 開始生產PFA管
2007 通過CE以及ISO 14001認證，建立和正豐越南廠，開始PFA接頭的生產
2010 上海廠取得壓力管道元件製造許可證
2015 越南廠通過Directive 2014/68/EU 及AD2000-W0｜TRD
2018 通過ISO 9001 & ISO 14001: 2015年版國際改版認證
2021 增加氣動膜片閥之生產線
2022 和正豐科技（股）公司成立50週年里程碑
2025 建立泰國廠-和正豐科技有限公司

品質政策

滿足客戶需求：
提供顧客滿意產品，是我們的責任。

全員參與；全面提升品質：
品質的提升與維護要靠大家一起來。

維持不斷改善：
隨時超越現況，創造利潤，永續經營。

環境政策

預防汙染：
重視預防汙染，善盡社會責任。

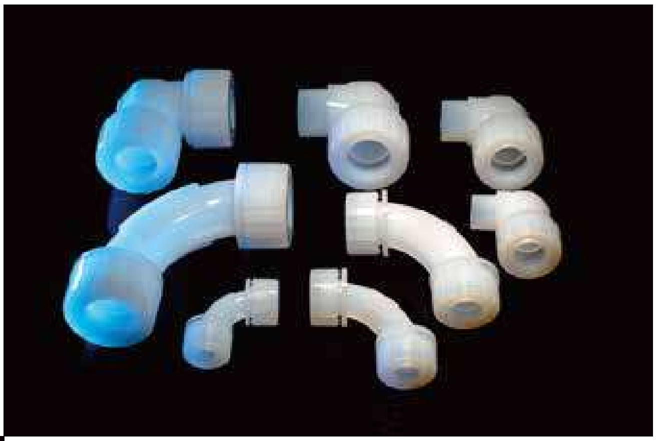
善用資源：
鼓勵全員參與，提升公司形象。

保護環境：
符合環保法令，保護自然環境。

持續改善：
承諾持續改善，確保永續經營。

取得認證

和正豐科技於2018年在每位同仁共同努力下，成功通過ISO 9001和ISO 14001:2015版國際品質管理系統認證，並落實ISO的廠務管理，兼顧品質與交期，全面提升客戶滿意度，攜手共創美好的未來。



通過新版歐盟承壓設備指令PED 2014/68/EU (CE0035) 壓力設備指令 (PED) 適用於最大允許壓力大於0.5bar的壓力設備和組件的設計、製造和合格評定，包括容器、管道、安全組件和壓力組件。

1
歐盟PED認證
Cert 01 202 TWN/Q-07 0147

Certificate

2
歐盟PED認證
Cert 01 202 TWN/Q-14 2080

Certificate

3
ISO 9001 : 2015

SGS

ISO 9001:2015

4
ISO14001 : 2015

Certificate of Registration

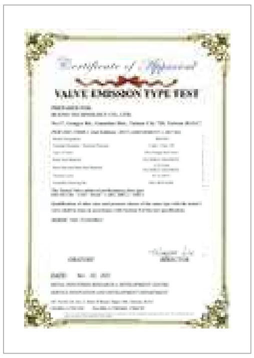
已符合ISO 9000系列品質認證的和正豐科技以此為基礎，滿足 PED 的基本安全要求，順利成為合格製造商，代表著我們在歐盟內銷售的所有壓力設備均採通用的安全標準。

5
ISO 15848-1
PFA裡襯球閥VOC逸散測試

Certificate of Approval

VALVE EMISSION TYPE TEST

6
ISO 15848-1
2 PC 不鏽鋼法蘭球閥VOC逸散測試



Certificate of Approval

VALVE EMISSION TYPE TEST

7
ISO 15848-1
2 PC 不鏽鋼法蘭球閥VOC逸散測試

Certificate of Approval

VALVE EMISSION TYPE TEST

8
防火測試
API 607

Certificate of Approval

VALVE FIRE TEST

和正豐科技全球據點

總公司 - 台南廠

土地面積16528平方米
建築面積14883.39平方米
員工人數250人

生產項目：
- 鐵氟龍閥門與密封件
- 鑄造及加工零件
- 閥球
- PFA/PTFE內襯接頭、管件及閥門
- 塑膠射出件
- 接頭管件及閥門
- PFA接頭管件與管

上海廠

土地面積30153平方米
建築面積7582.1平方米
員工95人

生產項目：
- 鐵氟龍閥門與密封件
- 鑄造及加工零件
- 閥球及閥桿
- PTFE/PFA內襯接頭、管件及閥門
- 接頭管件及閥門

越南廠

土地面積68053平方米
建築面積68053 平方米
員工240人

生產項目：
- 鐵氟龍閥門與密封件
- 鑄造及加工零件
- 閥球
- 接頭管件及閥門

泰國廠

土地面積50824平方米
建築面積33497.5平方米
員工240人

生產項目：
- 鐵氟龍閥門與密封件
- 鑄造及加工零件
- 閥球
- 接頭管件及閥門

印尼分公司

廠房1000平方米
員工20人

生產項目：
- 鐵氟龍閥門與密封件
- 閥球
- 接頭管件及閥門

硬體設備

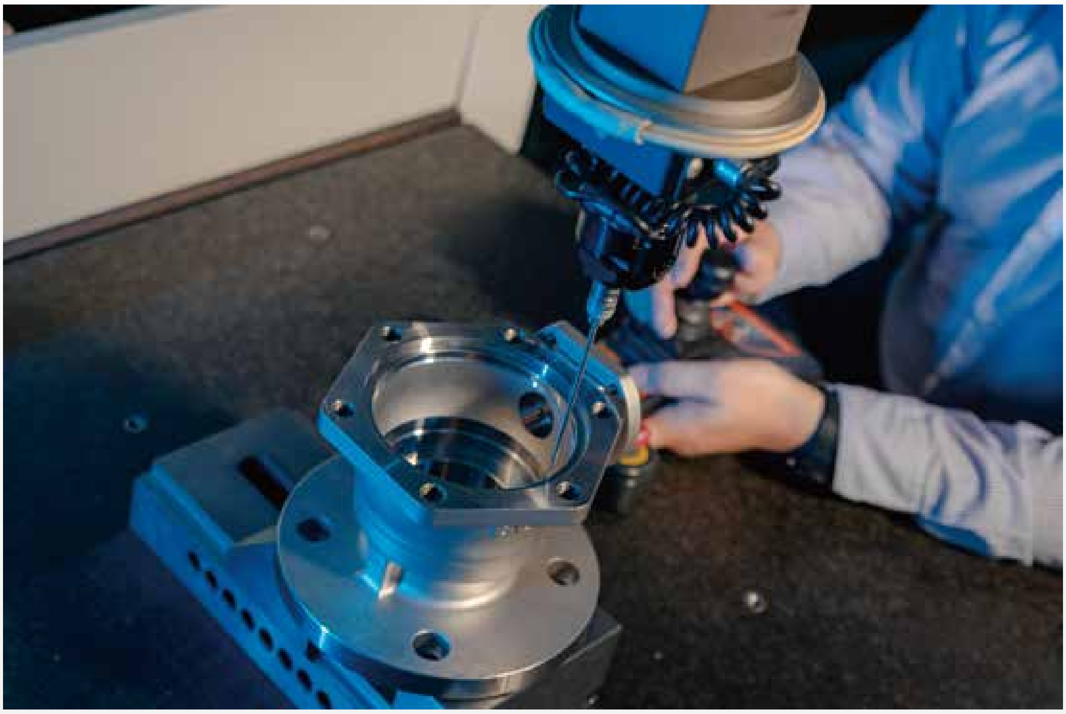
無塵室 - 1000等級，10000等級，100000等級

無塵室生產製造: 本公司的PFA產品在無塵室內生產，以確保品質。

檢測設備

和正豐科技擁有多項精密測試及檢驗儀器，致力於為客戶提供最高規格的檢測品質。

三次元檢測機



拉伸測試機

壽命測試機

熔融指數測試儀

檢測設備

影像量測儀(全自動CNC型)

真空氦氣測試機

火花測試機

另備有

- 分光儀
- 金相測試儀
- 表面粗度測試機
- 真圓度測試機

產品索引

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		DUCTILE IRON	150 LB	PB12D	1/2"~6"	Pg. 3
		1.4308	PN16	PB31	DN15~DN100	Pg. 3
		EN-JS1040	PN16	PB31D	1/2"~4"	Pg. 3
		1.0619	PN16	PB31W	DN15~DN100	Pg. 3
		SCS13A	JIS10K	PB16	15A~100A	Pg. 3
	逆止閥	CF8	150 LB	PC-11	1/2"~4"	Pg. 4
		WCB	150 LB	PC-11W	1/2"~4"	Pg. 4
		1.4308	PN16	PC-31	DN15~DN100	Pg. 4
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		SCS13A	JIS10K	PC-51	15A~100A	Pg. 4
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產品種類	名稱	材質	壓力	型號	尺寸	頁數
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	三片式牙口球閥	CF8M	1000PSI	BB-312TH	1/2"~4"	Pg. 62
	衛生蝶閥	F316L	145 PSI	SBU-71	1"~6"	Pg. 62
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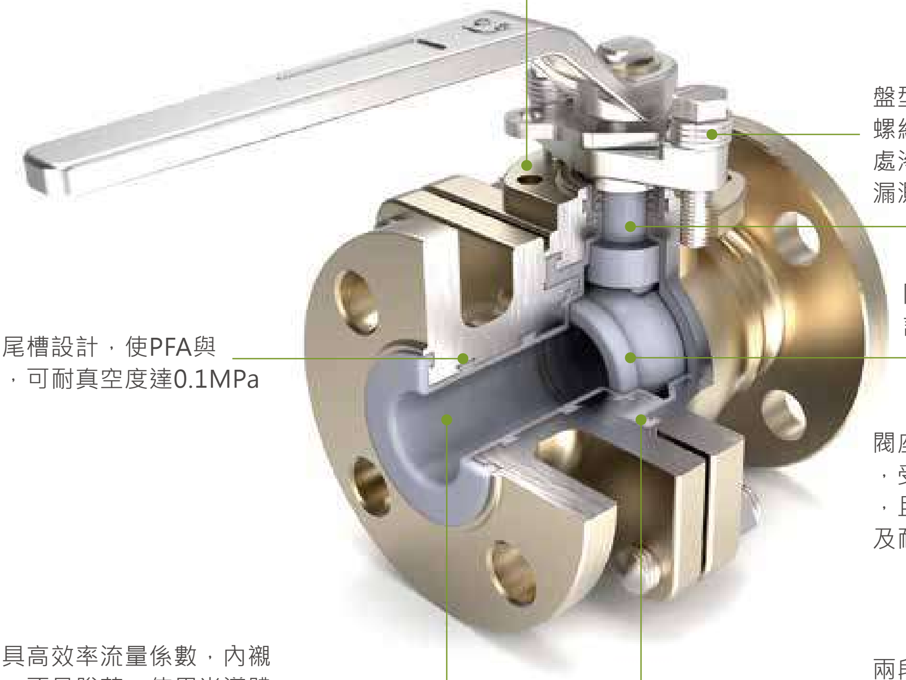
註: 如使用上有任何問題，請洽詢本公司，成品部份切勿自行切解修理，以免失去保固保證。

PFA閥門

特點介紹



ISO 5211標準平台，可安裝自動化驅動器或配件。

盤型華司抗張力強，牛楠螺絲不易鬆脫，防止中口處滲漏,通過VOC逸散性滲漏測試。

防爆中軸的浮動球閥設計，作動扭力較輕。

閥體內側採鳩尾槽設計，使PFA與閥體緊密結合，可耐真空度達0.1MPa

閥座材質採改良型PTFE，，受壓蠕變後恢復性極佳，且組織緻密，不易沾汙及耐低溫濕氣滲透性。

全流量結構，具高效率流量係數，內襯使用轉移成型，不易脫落。使用半導體級PFA原料，使用壽命長。

兩段式閥體密封設計,防止外漏效果佳。

兩段式閥體防外漏密封設計

第一段軟密封，第二段金屬硬密封，使其結構不會因為PFA老化、變質等因素，而造成閥體鬆脫，產生外漏。同時；金屬硬密封(metal to metal)可讓閥體的結構更堅實並讓法蘭間距確實定位。

良好的耐化學藥性

閥體接液部均內襯PFA樹脂，使其不易被化學藥劑所侵蝕。

良好的耐熱性

PFA樹脂對於熱極為穩定，即使長時間置於高溫下，也不會發生崩裂的情形,適用溫度-30℃~160℃。

防止流體污染

PFA不含有害的添加物及顏料，其化學性質極為穩定，不會發生有機物及金屬離子溶出的情形。

良好的機械特性

PFA樹脂富有彈性，即使是置於高溫下，其伸展性、彈性與FEP樹脂相較，發揮了更好的機械特性。

節省成本

由於耐腐蝕及抗磨損的優越特性，使閥的使用壽命延長，同時；提昇管路使用效率, 因此減少維修及停機等異常，當然可節省成本。

抗黏性

適用於高黏度液體及具有高潔淨度要求之管路系統。

閥門配件

標準配備-把手

橢圓把手

在使用時提供更舒適和更精確的控制。可供選擇的尺寸為1/2英寸DN15~2英寸DN50

自動閥

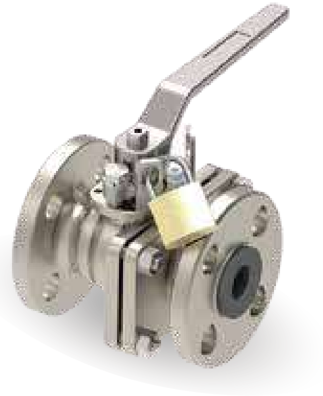
配備氣動或電動汽缸、限位開關、電磁閥、空氣過濾器/調節器

V型球

目前有4種尺寸可供選擇：1/2英寸、1英寸、1-1/2英寸、2英寸。根據需求可提供60度和其他角度。

掛鎖

用於鎖定閥門，確保使用上的安全性。

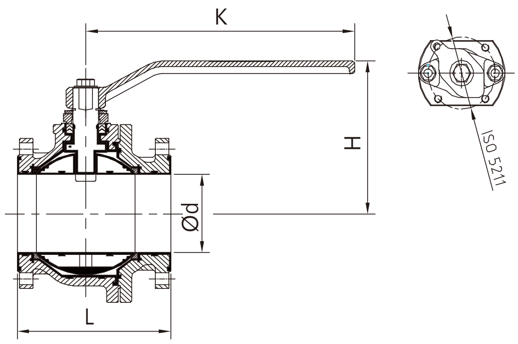


齒輪箱

建議用於6英吋以上的閥門

裡襯球閥

單位: mm



JIS-10K

尺寸		L	H	K	Ød	ISO 5211	CV (US.gal/min)
MM	INCH						
15	1/2"	140	81	145	15	F04	19
20	3/4"	152	83	145	20	F04	45
25	1"	165	98	165	25	F05	88
40	1-1/2"	191	124	225	40	F07	257
50	2"	216	132	225	50	F07	425
65	2-1/2"	240	164	350	65	F07	783
80	3"	250	173	350	80	F07	1056
100	4"	280	229	400	100	F10	2130

DIN-PN16

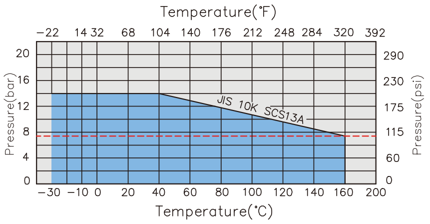
尺寸		L	H	K	Ød	ISO 5211	CV (US.gal/min)
MM	INCH						
15	1/2"	130	81	145	15	F04	19
20	3/4"	150	83	145	20	F04	45
25	1"	160	98	165	25	F05	88
40	1-1/2"	200	124	225	40	F07	257
50	2"	230	132	225	50	F07	425
65	2-1/2"	290	164	350	65	F07	783
80	3"	310	173	350	80	F07	1056
100	4"	350	229	400	100	F10	2130

CLASS 150LB

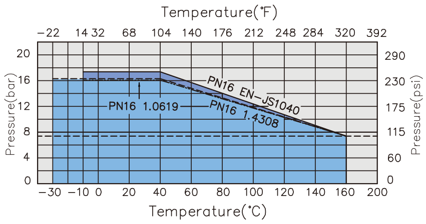
尺寸		L	H	K	Ød	ISO 5211	CV (US.gal/min)
MM	INCH						
15	1/2"	108	83	145	15	F04	19
20	3/4"	117	84	145	20	F04	45
25	1"	127	101	165	25	F05	88
40	1-1/2"	165	128	225	40	F07	257
50	2"	178	136	225	50	F07	425
65	2-1/2"	190	168	350	65	F07	783
80	3"	203	177	350	80	F07	1053
100	4"	229	233	400	100	F10	2130
145	6"	267	282	466.5	145	F12	3918

溫度壓力表

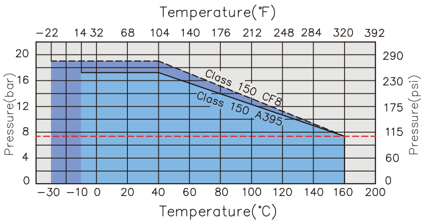
適用於 PB16



適用於PB31 & PB31D & PB31W

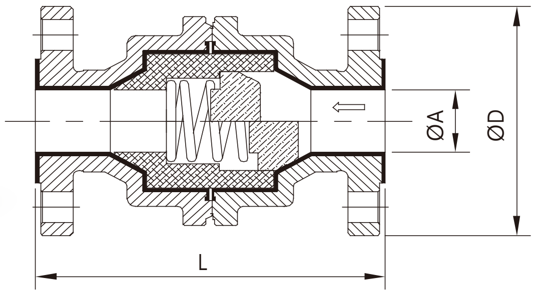


適用於PB12 & PB12D



型號		PB12	PB12D	PB31	PB31D	PB31W	PB16
尺寸範圍		1/2"~6"		1/2"~4"			15A~100A
工作條件	壓力等級	CLASS 150LB		PN16			JIS-10K
	工作溫度	-30 °C~160 °C	-10 °C~160 °C	-30 °C~160 °C	-10 °C~160 °C	-10 °C~160 °C	-30 °C~160 °C
	最大工作壓力	275 psi	250 psi	236 psi	250 psi	232 psi	1.37 Mpa
規範	閥體設計	ASME B16.34	ASME B16.42&EN12516	ASME B16.34&EN12516	ASME B16.42&EN12516	ASME B16.34&EN12516	ASME B16.34
	法蘭	ASME B16.5 CLASS 150RF	ASME B16.5 CLASS 150RF	EN1092-1	EN1092-1	EN1092-1	JIS B2220-10K RF
	面間距	ASME B16.10	ASME B16.10	EN558	EN558	EN558	BUENO STANDARD
	測試標準	API 598	API 598	BS EN12266-1	BS EN12266-1	BS EN12266-1	JIS B2003
材質	本體	ASTM A351-CF8 +PFA Lined	ASTM A395-FCD +PFA Lined	EN10213-4/1.4308 +PFA Lined	EN1563/EN-JS1040 +PFA Lined	EN 10213/1.0619 +PFA Lined	JIS G5121-SCS13A +PFA Lined
	閥蓋	ASTM A351-CF8 +PFA Lined	ASTM A395-FCD +PFA Lined	EN10213-4/1.4308 +PFA Lined	EN1563/EN-JS1040 +PFA Lined	EN 10213/1.0619 +PFA Lined	JIS G5121-SCS13A +PFA Lined
	中軸	ASTM A276-304+PFA Lined		ASTM A276-304+PFA Lined			
	閥球	ASTM A276-304+PFA Lined		ASTM A276-304+PFA Lined			
		ASTM A351-CF8+PFA Lined		ASTM A351-CF8+PFA Lined			
		ASTM A395-FCD+PFA Lined (6")					
	把手	ASTM A351-CF8	ASTM A216-WCB	ASTM A351-CF8	ASTM A216-WCB	ASTM A351-CF8	ASTM A351-CF8
	球墊	NEW PTFE		NEW PTFE			

裡襯逆止閥



單位: mm

JIS-10K

尺寸		ØD	ØA	L
MM	INCH			
15	1/2"	95	15	130
20	3/4"	100	20	150
25	1"	125	25	160
40	1-1/2"	140	38.5	200
50	2"	155	51	230
65	2-1/2"	175	65	290
80	3"	185	76	310
100	4"	210	102	350

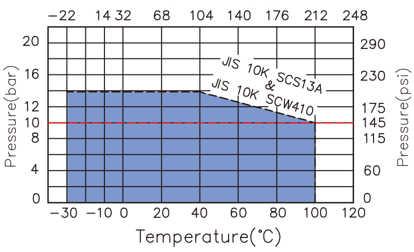
DIN PN16

尺寸		ØD	ØA	L
MM	INCH			
15	1/2"	95	15	130
20	3/4"	105	20	150
25	1"	115	25	160
40	1-1/2"	150	38.5	200
50	2"	165	51	230
65	2-1/2"	185	65	290
80	3"	200	76	310
100	4"	220	102	350

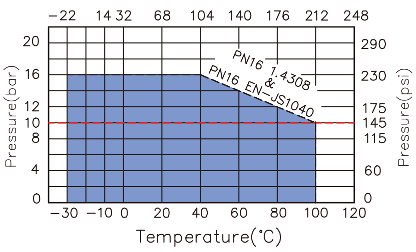
CLASS 150LB

尺寸		ØD	ØA	L
MM	INCH			
15	1/2"	89	15	130
20	3/4"	98.6	20	150
25	1"	108	25	160
40	1-1/2"	127	38.5	200
50	2"	152	51	230
65	2-1/2"	178	65	290
80	3"	190.5	76	310
100	4"	228.6	102	350

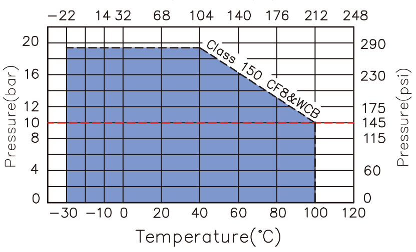
溫度壓力表



適用於PC51&PC51 W



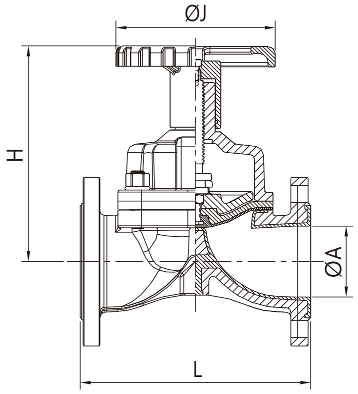
適用於PC31 &P C31 W



適用於PC11 & PC11 W

型號		PC-11	PC-11W	PC-31	PC-31W	PC-51	PC-51W
尺寸範圍		1/2"~4"		DN15~DN100		15A~100A	
工作條件	壓力等級	CLASS 150LB		PN16		JIS-10K	
	工作溫度	-30 °C~100 °C		-30 °C~100 °C		-30 °C~100 °C	
	最大工作壓力	275 psi		232 psi		200 psi	
	逆止能力	150 psi		150 psi		150 psi	
規範	閥體設計	ASME B16.34	ASME B16.42	ASME B16.34&EN12516	ASME B16.42&EN12516	ASME B16.34	
	法蘭	ASME B16.5 Class 150RF		EN1092-1		JIS B2220-10K RF	
	面間距	ISO 5752		ISO 5752		ISO 5752	
	測試標準	ASME B16.34		EN12266-1		JIS B2003	
材質	本體	ASTM A351-CF8 +PFA Lined	ASTM A216-WCB +PFA Lined	EN10213-4/1.4308 +PFA Lined	EN10213/1.0619 +PFA Lined	JIS G5121-SCS13A +PFA Lined	JIS G5102-SCW410 +PFA Lined
	側蓋						
	定位襯套	PTFE		PTFE		PTFE	
	逆止塊	PTFE		PTFE		PTFE	
	彈簧	SUS304*WPA+PFA		SUS304*WPA+PFA		SUS304*WPA+PFA	
	墊片	PTFE		PTFE		PTFE	

裡襯隔膜閥



單位: mm

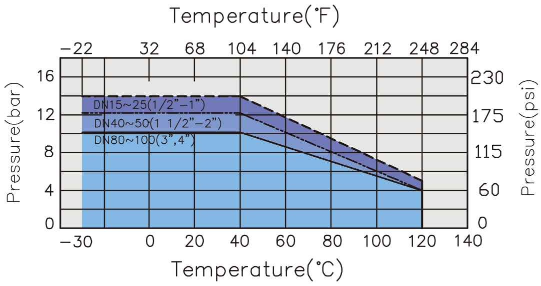
JIS-10K					
尺寸		L	ØA	ØJ	H
MM	INCH				
15	1/2"	114	15	100	100
20	3/4"	123	19	100	103
25	1"	133	25	100	108
40	1-1/2"	165	40	120	153
50	2"	195	50	120	168
65	2-1/2"	222	65	180	226
80	3"	260	80	180	237
100	4"	313	100	230	320

DIN PN16					
尺寸		L	ØA	ØJ	H
MM	INCH				
15	1/2"	130	15	100	100
20	3/4"	150	19	100	103
25	1"	160	25	100	108
40	1-1/2"	200	40	120	153
50	2"	230	50	120	168
65	2-1/2"	290	65	180	226
80	3"	310	80	180	237
100	4"	350	100	230	320

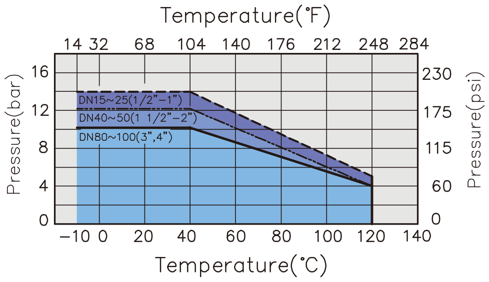
CLASS 150 LB					
尺寸		L	ØA	ØJ	H
MM	INCH				
15	1/2"	108	15	100	100
20	3/4"	146	19	100	103
25	1"	146	25	100	108
40	1-1/2"	175	40	120	153
50	2"	200	50	120	168
65	2-1/2"	226	65	180	226
80	3"	260	80	180	237
100	4"	327	100	230	320

溫度壓力表

適用於 PD11-#150　PD31-PN16
PD51-JIS 10K　PD51 W-JIS 10K

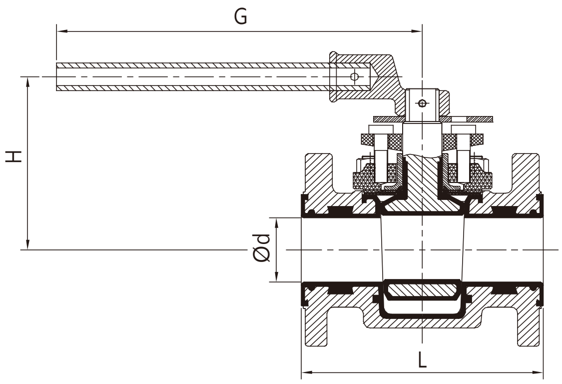


適用於 PD11W-#150
PD31W-PN16



型號		PD-11	PD-11W	PD-31	PD-31W	PD-51	PD-51W
尺寸範圍		1/2"~4"		DN15~DN100		15A~100A	
工作條件	壓力等級	CLASS 150LB		PN16		JIS-10K	
	工作溫度	-30 °C~120 °C	-10 °C~120 °C	-30 °C~120 °C	-10 °C~120 °C	-30 °C~120 °C	
	最大工作壓力	1/2"~1" : 200 psi		DN15~DN25 : 200 psi		15A~25A : 200 psi	
		1-1/2"~2" : 175 psi		DN40~DN50 : 175 psi		40A~50A : 175 psi	
		2-1/2"~4" : 150 psi		DN65~DN100 : 150 psi		65A~100A : 150 psi	
規範	閥體設計	ASME B16.34		EN12516		ASME B16.34	
	法蘭	ASME B16.5 Class 150RF		EN1092-1		JIS B2220 10K RF	
	面間距	MSS SP-88		EN-558-1		ISO 5752	
材質	本體	ASTM A351-CF8 +PFA Lined	ASTM A216-WCB +PFA Lined	EN10213-4/1.4308 +PFA Lined	EN10213/1.0619 +PFA Lined	JIS G5121-SCS13A +PFA Lined	JIS G5102-SCW410 +PFA Lined
	上蓋	ASTM A351-CF8	ASTM A216-WCB	EN10213/1.4308	EN10213/1.0619	JIS G5121-SCS13A	JIS G5102-SCW410
	把手						
	中軸	ASTM A276-304		ASTM A276-304		ASTM A276-304	
	隔膜片	PTFE		PTFE		PTFE	

裡襯柱塞閥

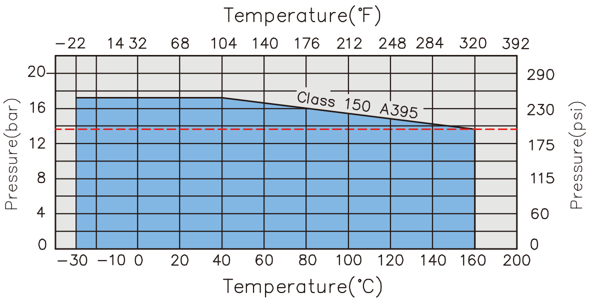


單位: mm

CLASS 150LB					
尺寸		L	H	G	Ød
MM	INCH				
15	1/2"	108	90	174.5	20
20	3/4"	117	90	174.5	20
25	1"	127	105	226.5	25.4
40	1-1/2"	165	130	298.5	38.1
50	2"	178	136	298.5	50.8
80	3"	203	215	498.5	76.2

溫度壓力表

適用於PP11D



型號		PP-11D
尺寸範圍		1/2"~3"
工作條件	壓力等級	CLASS 150LB
	工作溫度	-30 °C~160 °C
	最大工作壓力	200 psi
規範	閥體設計	ASME B16.42
	面間距	ISO 5752 / ASME B16.10
材質	本體	ASTM A395-FCD+PFA Lined
	柱塞	
	把手	ASTM A53 SCH40 pipe Carbon Steel B7
	隔膜片	PTFE

PFA裡襯管及接頭管件

設計規範

直管與接頭管件

直管與接頭管件由無縫鋼管焊接或鑄造而成，依據ASTM F1545標準，口徑為1/2"~6"，厚度依據Schedule 40。

標準使用材料（未指定），使用如下：

材質表			
名稱		碳鋼	不鏽鋼
管件	無縫管	ASTM A234grade WPB	ASTM A403
	鑄鋼	ASTM A216 grade WCB	ASTM A351
直管	有縫管	ASTM A587 or ASTM A53 grade B	ASTM A312

尺寸規範
管件 ASTM B16.5 CLASS 150
直管 ASTM B36.10

法蘭

標準使用材料（未指定），使用如下：

材質
依照鍛鋼 ASTM A105（如管件為鑄鋼，法蘭亦為一體鑄鋼）
不鏽鋼 ASTM A182

尺寸規範
ASTM B16.5 CLASS 150
JIS-10K
DIN (可依要求提供)

排氣孔

每一支直管及管件都至少有一個直徑約2mm的排氣孔，以釋放內襯與鐵件之間的氣體，若直管達500mm以上為兩個排氣孔，漸縮法蘭則無排氣孔。

塗裝

- 標準品為1. 底漆 2. 面漆，厚度約110um
- 另塗裝層級及厚度可依客戶要求

焊接

依據ASME Bioler及Pressure Vessel Code之第九款的規定。

裡襯管件厚度

PFA		
Size		Thickness
直管	1/2"~4"	1/2"~2" : 2~2.5mm 2-1/2"~6" : 3~4mm
管件	1/2"~4"	1/2"~2"約3mm, 2-1/2"~6" 約4mm

檢測標準

每一直管與管件須通過以下檢測方可出廠，也可依客戶要求做測試。

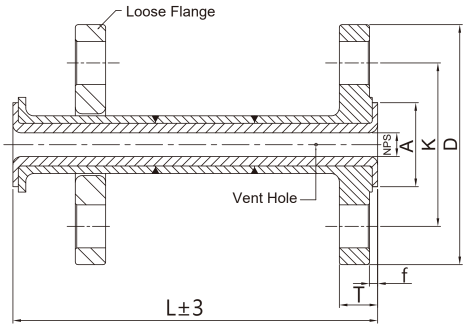
- 耐壓測試：最高使用壓力X1.5倍
- 火花測試：10~15KVDC，依ASTM F1545規範
- 無油無水測試：依據1.0mg/ft（MAX）進行無油無水之清洗程序，並可依客戶要求提供公正單位之認證
- 塗裝：依據客戶要求規範使用膜厚計抽驗測量
- 外觀：
  A. Lining前，工件表面不得有氣泡、針孔及其他瑕疵，如有不影響功能之瑕疵則再補修後塗裝出貨。
  B. 塗裝後，不得有起泡、脫漆等情況。

包裝儲存

包裝前排氣孔貼封

- 一般內襯管及管件，兩端以塑膠板盲封固定，以避面內襯損傷。
- 無油無水內襯管及管件，兩端以不粘膠之無塵膠帶封貼（或以塑料袋套封法蘭），再以塑料防塵蓋保護，以防止內襯損傷及污染。儲存及交貨前，按案號、工號等配管內容、編號、貼上標籤後，集中裝箱交運及儲存。出貨時需使用木材箱裝箱，箱內使用大型塑膠套整個包住以防水及濕氣滲漏。

PFA裡襯直管



單位: mm

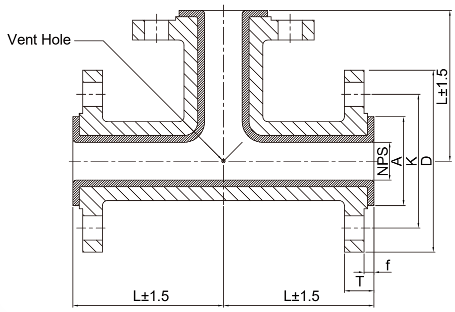
材質表　ANSI B16.5 Class 150		
名稱	碳鋼	不鏽鋼
法蘭	ASTM A105	ASTM A182
管件規範	ASTM A587 or ASTM A53 grade B	ASTM A312
管厚規格	根據SCH 40	
標準	單邊固定，單邊活動法蘭	
裡襯	PFA	

材質表　JIS-10K		
名稱	碳鋼	不鏽鋼
法蘭	ASTM A105	ASTM A182
管件規範	ASTM A53 grade B	ASTM A312
管厚規格	根據SCH 40	
標準	單邊固定，單邊活動法蘭	
裡襯	PFA	

NPS INCH	L/min.	L/max.	ANSI B16.5 Class 150					
			ØA	ØK	ØD	nxØh	T	f/PFA
1/2"	100	6000	32	60.5	89	4x16	14.2	3.0
3/4"	100	6000	40	69.9	98.6	4x16	14.2	3.0
1"	100	6000	48	79.2	108	4x16	14.2	3.0
1-1/2"	100	6000	69	98.6	127	4x16	17.3	3.0
2"	150	6000	87.9	120.7	152.4	4x19	18.8	3.0
2-1/2"	150	6000	100.6	139.7	177.8	4x19	21.7	4.1
3"	150	6000	127	152.4	190.5	4x19	23.2	4.1
4"	150	6000	153.2	190.5	228.6	8x19	28.0	4.1
6"	150	6000	212.7	241	279	8x22	29.4	4.1

NPS INCH	L/min.	L/max.	JIS-10K					
			ØA	ØK	ØD	nxØh	T	f/PFA
1/2"	100	6000	42	70	95	4x15	15	3
3/4"	100	6000	47	75	100	4x15	17	3
1"	100	6000	63	90	125	4x19	17	3
1-1/2"	100	6000	77	105	140	4x19	19	3
2"	150	6000	92	120	155	4x19	19	3
2-1/2"	150	6000	112	140	175	4x19	22.1	4.1
3"	150	6000	123	150	185	8x19	22.1	4.1
4"	150	6000	147	175	210	8x19	22.1	4.1
6"	150	6000	211	240	280	8x23	26.6	4.1
8"	150	6000	259	290	330	12x23	26.6	4.6

PFA裡襯同徑三通管



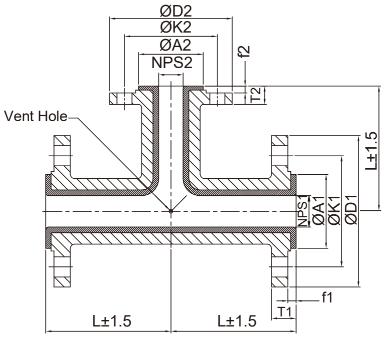
單位: mm

材質表　ANSI B16.5 Class 150		
名稱	碳鋼	不鏽鋼
法蘭	ASTM A105 or ASTM A216 WCB	ASTM A182 or ASTM A351
管件規範	ASTM A234 grade WPB or ASTM A216 WCB	ASTM A403 or ASTM A351
管厚規格	根據SCH40	
標準	雙邊固定法蘭	
裡襯	PFA	

材質表　JIS-10K		
名稱	碳鋼	不鏽鋼
法蘭	ASTM A105 or ASTM A216 WCB	ASTM A182 or ASTM A351
管件規範	ASTM A234 grade WPB	ASTM A403 or ASTM A351
管厚規格	根據SCH40	
標準	雙邊固定法蘭	
裡襯	PFA	

NPS INCH	L	ANSI B16.5 Class 150					
		ØA	ØK	ØD	nxØh	T	f/PFA
1/2"	70	32	60.5	89	4x16	14.2	3.0
3/4"	80	40	69.9	98.6	4x16	14.2	3.0
1"	89	48	79.2	108	4x16	14.2	3.0
1-1/2"	102	69	98.6	127	4x16	17.3	3.0
2"	114	87.9	120.7	152.4	4x19	18.8	3.0
2-1/2"	127	100.6	139.7	177.8	4x19	21.7	4.1
3"	140	127	152.4	190.5	4x19	23.2	4.1
4"	165	153.2	190.5	228.6	8x19	28.0	4.1
6"	203	212.7	241	279	8x22	29.4	4.1

NPS INCH	L	JIS-10K					
		ØA	ØK	ØD	nxØh	T	f/PFA
1/2"	70	42	70	95	4x15	15	3
3/4"	80	47	75	100	4x15	17	3
1"	89	63	90	125	4x19	17	3
1-1/2"	102	77	105	140	4x19	19	3
2"	114	92	120	155	4x19	19	3
2-1/2"	127	112	140	175	4x19	22.1	4.1
3"	140	123	150	185	8x19	22.1	4.1
4"	165	147	175	210	8x19	22.1	4.1
6"	203	211	240	280	8x23	26.6	4.1
8"	229	259	290	330	12x23	26.6	4.6



PFA裡襯異徑三通管

單位: mm

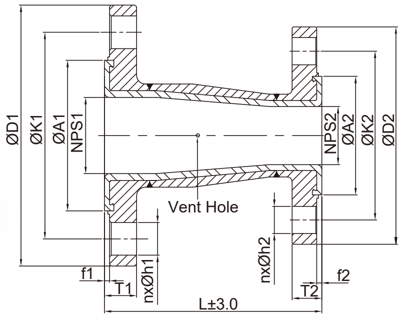
材質表 ANSI B16.5 Class 150		
名稱	**碳鋼**	**不鏽鋼**
法蘭	ASTM A105 or ASTM A216 WCB	ASTM A182 or ASTM A351
管件規範	ASTM A234 grade WPB or ASTM A216 WCB	ASTM A403 or ASTM A351
管厚規格	根據SCH40	
標準	雙邊固定法蘭	
裡襯	PFA	

材質表 JIS-10K		
名稱	**碳鋼**	**不鏽鋼**
法蘭	ASTM A105 or ASTM A216 WCB	ASTM A182 or ASTM A351
管件規範	ASTM A234 grade WPB	ASTM A403 or ASTM A351
管厚規格	根據SCH40	
標準	雙邊固定法蘭	
裡襯	PFA	

NPS INCH	L	NPS1 / ANSI B16.5 Class 150					NPS2 / ANSI B16.5 Class 150					f1	f2
		ØA1	ØK1	ØD1	nxØh1	T1	ØA2	ØK2	ØD2	nxØh2	T2	PFA	PFA
3/4"x1/2"	80	40	69.9	98.6	4x16	14.2	32	60.5	89	4x16	14.2	3.0	3.0
1"x1/2"	89	48	79.2	108	4x16	14.2	32	60.5	89	4x16	14.2	3.0	3.0
1"x3/4"	89	48	79.2	108	4x16	14.2	40	69.9	98.6	4x16	14.2	3.0	3.0
1-1/2"×1/2"	102	69	98.6	127	4x16	17.3	32	60.5	89	4x16	14.2	3.0	3.0
1-1/2"×3/4"	102	69	98.6	127	4x16	17.3	40	69.9	98.6	4x16	14.2	3.0	3.0
1-1/2"x1"	102	69	98.6	127	4x19	17.3	48	79.2	108	4x16	14.2	3.0	3.0
2x1/2"	114	87.9	120.7	152.4	4x19	18.8	32	60.5	89	4x16	14.2	3.0	3.0
2"x3/4"	114	87.9	120.7	152.4	4x19	18.8	40	69.9	98.6	4x16	14.2	3.0	3.0
2"x1"	114	87.9	120.7	152.4	4x19	18.8	48	79.2	108	4x16	14.2	3.0	3.0
2"x1-1/2"	114	87.9	120.7	152.4	4x19	18.8	69	98.6	127	4x16	17.3	3.0	3.0
2"-1/2"x1"	127	100.6	139.7	177.8	4x19	21.7	48	79.2	108	4x16	14.2	4.1	3.0
2.1/2"x1-1/2"	127	100.6	139.7	177.8	4x19	21.7	69	98.6	127	4x16	17.3	4.1	3.0
2"-1/2"x2"	127	100.6	139.7	177.8	4x19	21.7	87.9	120.7	152.4	4x19	18.8	4.1	3.0
3"x1/2"	140	127	152.4	190.5	4x19	23.2	32	60.5	89	4x16	14.2	4.1	3.0
3"x1"	140	127	152.4	190.5	4x19	23.2	48	79.2	108	4x16	14.2	4.1	3.0
3"x1-1/2"	140	127	152.4	190.5	4x19	23.2	69	98.6	127	4x16	17.3	4.1	3.0
3"x2"	140	127	152.4	190.5	4x19	23.2	87.9	120.7	152.4	4x19	18.8	4.1	3.0
4"x1"	165	153.2	190.5	228.6	8x19	28.0	48	79.2	108	4x19	14.2	4.1	3.0
4"x1-1/2"	165	153.2	190.5	228.6	8x19	28.0	69	98.6	127	4x16	17.3	4.1	3.0
4"x2"	165	153.2	190.5	228.6	8x19	28.0	87.9	120.7	152.4	4x16	18.8	4.1	3.0
4"x3"	165	153.2	190.5	228.6	8x19	28.0	127	152.4	190.5	4x19	23.2	4.1	4.1
6"x2"	203	212.7	241	279	8x22	29.7	87.9	120.7	152.4	4x19	18.8	4.1	3.0
6"x3"	203	212.7	241	279	8x22	29.7	127	152.4	190.5	4x19	23.2	4.1	4.1
6"x4"	203	212.7	241	279	8x22	29.7	153.2	190.5	228.6	8x19	28.0	4.1	4.1

NPS INCH	L	NPS1 / JIS-10K					NPS2 / JIS-10K					f1	f2
		ØA1	ØK1	ØD1	nxØh1	T1	ØA2	ØK2	ØD2	nxØh2	T2	PFA	PFA
3/4"x1/2"	80	47	75	100	4x15	17	42	70	95	4x15	15	3.0	3.0
1"x1/2"	89	63	90	125	4x19	17	42	70	95	4x15	15	3.0	3.0
1"x3/4"	89	63	90	125	4x19	17	47	75	100	4x15	17	3.0	3.0
1-1/2"x1/2"	102	77	105	140	4x19	19	42	70	95	4x15	15	3.0	3.0
1-1/2"×3/4"	102	77	105	140	4x19	19	47	75	100	4x15	17	3.0	3.0
1-1/2"x1"	102	77	105	140	4x19	19	63	90	125	4x19	17	3.0	3.0
2" x1/2"	114	92	120	155	4x19	19	42	70	95	4x15	15	3.0	3.0
2"x3/4"	114	92	120	155	4x19	19	47	75	100	4x15	17	3.0	3.0
2"x1"	114	92	120	155	4x19	19	63	90	125	4x19	17	3.0	3.0
2"x1-1/2"	114	92	120	155	4x19	19	77	105	140	4x19	19	4.1	3.0
2-1/2"x1"	127	112	140	175	4x19	22.1	63	90	125	4x19	17	4.1	3.0
2-1/2"x1-1/2"	127	112	140	175	4x19	22.1	77	105	140	4x19	19	4.1	3.0
2-1/2"x2"	127	112	140	175	4x19	22.1	92	120	155	4x19	19	4.1	3.0
3"x1/2"	140	123	150	185	8x19	22.1	42	70	95	4x15	15	4.1	3.0
3"x1"	140	123	150	185	8x19	22.1	63	90	125	4x19	17	4.1	3.0
3"x1-1/2"	140	123	150	185	8x19	22.1	77	105	140	4x19	19	4.1	3.0
3"x2"	140	123	150	185	8x19	22.1	92	120	155	4x19	19	4.1	3.0
4"x1"	165	147	175	210	8x19	22.1	63	90	125	4x19	17	4.1	3.0
4"x1-1/2"	165	147	175	210	8x19	22.1	77	105	140	4x19	19	4.1	3.0
4"x2"	165	147	175	210	8x19	22.1	92	120	155	4x19	19	4.1	3.0
4"x3"	165	147	175	210	8x19	22.1	123	150	185	8x19	22.1	4.1	4.1
6"x2"	203	211	240	280	8x23	26.6	92	120	155	4x19	19	4.1	3.0
6"x3"	203	211	240	280	8x23	26.6	123	150	185	8x19	22.1	4.1	4.1
6"x4"	203	211	240	280	8x23	26.6	147	175	210	8x19	22.1	4.1	4.1
8"x2"	229	259	290	330	12x23	26.6	92	120	155	4x19	19	4.6	3.0
8"x3"	229	259	290	330	12x23	26.6	123	150	185	8x19	22.1	4.6	4.1
8"x4"	229	259	290	330	12x23	26.6	147	175	210	8x19	22.1	4.6	4.1

PFA裡襯同心異徑接頭



單位: mm

材質表　ANSI B16.5 Class 150

名稱	碳鋼	不鏽鋼
法蘭	ASTM A105 or ASTM A216 WCB	ASTM A182 or ASTM A351
管件規範	ASTM A234 grade WPB or ASTM A216 WCB	ASTM A403 or ASTM A351
管厚規格	根據SCH40	
標準	雙邊固定法蘭	
裡襯	PFA	

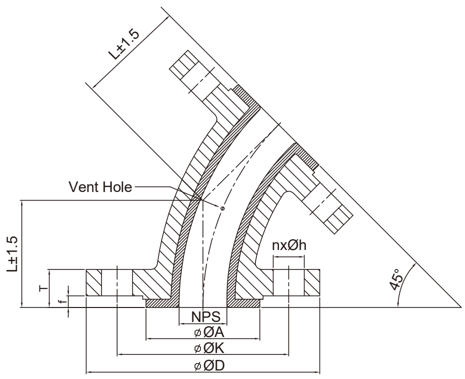
材質表　JIS-10K

名稱	碳鋼	不鏽鋼
法蘭	ASTM A105 or ASTM A216 WCB	ASTM A182 or ASTM A351
管件規範	ASTM A234 grade WPB	ASTM A403 or ASTM A351
管厚規格	根據SCH40	
標準	雙邊固定法蘭	
裡襯	PFA	

NPS INCH	L	NPS1/ANSI B16.5 Class 150					NPS2/ANSI B16.5 Class 150					f1	f2
		ØA1	ØK1	ØD1	nxØh1	T1	ØA2	ØK2	ØD2	nxØh2	T2	PFA	PFA
1"x1/2"	114	48	79.2	108	4x16	14.2	32	60.5	89	4x16	14.2	3.0	3.0
1"x3/4"	114	48	79.2	108	4x16	14.2	40	69.9	98.6	4x16	14.2	3.0	3.0
1-1/2"×3/4"	114	69	98.6	127	4x16	17.3	40	69.9	98.6	4x16	14.2	3.0	3.0
1-1/2"x1"	114	69	98.6	127	4x16	17.3	48	79.2	108	4x16	14.2	3.0	3.0
2x1/2"	127	87.9	120.7	152.4	4x19	18.8	32	60.5	89	4x16	14.2	3.0	3.0
2"x3/4"	127	87.9	120.7	152.4	4x19	18.8	40	69.9	98.6	4x16	14.2	3.0	3.0
2"x1"	127	87.9	120.7	152.4	4x19	18.8	48	79.2	108	4x16	14.2	3.0	3.0
2"x1-1/2"	127	87.9	120.7	152.4	4x19	18.8	69	98.6	127	4x16	17.3	3.0	3.0
2"-1/2"x1"	140	100.6	139.7	177.8	4x19	21.7	48	79.2	108	4x16	14.2	3.0	3.0
2.1/2"x1-1/2"	140	100.6	139.7	177.8	4x19	21.7	69	98.6	127	4x16	17.3	3.0	3.0
2"-1/2"x2"	140	100.6	139.7	177.8	4x19	21.7	87.9	120.7	152.4	4x19	18.8	3.0	3.0
3"x1"	152	127	152.4	190.5	4x19	23.2	48	79.2	108	4x16	14.2	3.0	3.0
3"x1-1/2"	152	127	152.4	190.5	4x19	23.2	69	98.6	127	4x16	17.3	3.0	3.0
3"x2"	152	127	152.4	190.5	4x19	23.2	87.9	120.7	152.4	4x19	18.8	3.0	3.0
3"x2-1/2"	152	127	152.4	190.5	4x19	23.2	100.6	139.7	177.8	4x19	21.7	3.0	4.1
4"x1"	178	153.2	190.5	228.6	8x19	28.0	48	79.2	108	4x16	14.2	3.0	3.0
4"x1-1/2"	178	153.2	190.5	228.6	8x19	28.0	69	98.6	127	4x16	17.3	3.0	3.0
4"x2"	178	153.2	190.5	228.6	8x19	28.0	87.9	120.7	152.4	4x19	18.8	3.0	3.0
4"x3"	178	153.2	190.5	228.6	8x19	28.0	127	152.4	190.5	4x19	23.2	4.1	4.1
6"x2"	229	212.7	241	279	8x22	29.4	87.9	120.7	152.4	4x19	18.8	4.1	3.0
6"x3"	229	212.7	241	279	8x22	29.4	127	152.4	190.5	4x19	23.2	4.1	4.1
6"x4"	229	212.7	241	279	8x22	29.4	153.2	190.5	228.6	8x19	28.0	4.1	4.1

NPS INCH	L	NPS1 / JIS-10K					NPS2 / JIS-10K					f1	f2
		ØA1	ØK1	ØD1	nxØh1	T1	ØA2	ØK2	ØD2	nxØh2	T2	PFA	PFA
1"x1/2"	114	63	90	125	4x19	17	42	70	95	4x15	15	3.0	3.0
1"x3/4"	114	63	90	125	4x19	17	47	75	100	4x15	17	3.0	3.0
1-1/2"x3/4"	114	77	105	140	4x19	19	47	75	100	4x15	17	3.0	3.0
1-1/2"x1"	114	77	105	140	4x19	19	63	90	125	4x19	17	3.0	3.0
2"x1/2"	127	92	120	155	4x19	19	42	70	95	4x15	15	3.0	3.0
2"x3/4"	127	92	120	155	4x19	19	47	75	100	4x15	17	3.0	3.0
2"x1"	127	92	120	155	4x19	19	63	90	125	4x19	17	3.0	3.0
2"x1-1/2"	127	92	120	155	4x19	19	77	105	140	4x19	19	3.0	3.0
2-1/2"x1"	140	112	140	175	4x19	22.1	63	90	125	4x19	17	3.0	3.0
2-1/2"x1-1/2"	140	112	140	175	4x19	22.1	77	105	140	4x19	19	3.0	3.0
2-1/2"x2"	140	112	140	175	4x19	22.1	92	120	155	4x19	19	3.0	3.0
3"x1"	152	123	150	185	8x19	22.1	63	90	125	4x19	17	3.0	3.0
3"x1-1/2"	152	123	150	185	8x19	22.1	77	105	140	4x19	19	3.0	3.0
3"x2"	152	123	150	185	8x19	22.1	92	120	155	4x19	19	3.0	3.0
3"x2-1/2"	152	123	150	185	8x19	22.1	112	140	175	4x19	22.1	3.0	4.1
4"x1"	178	147	175	210	8x19	22.1	63	90	125	4x19	17	3.0	3.0
4"x1-1/2"	178	147	175	210	8x19	22.1	77	105	140	4x19	19	3.0	3.0
4"x2"	178	147	175	210	8x19	22.1	92	120	155	4x19	19	3.0	3.0
4"x3"	178	147	175	210	8x19	22.1	123	150	185	8x19	22.1	4.1	4.1
6'x2"	229	211	240	280	8x23	26.6	92	120	155	4x19	19	4.1	3.0
6''x3"	229	211	240	280	8x23	26.6	123	150	185	8x19	22.1	4.1	4.1
6''x4"	229	211	240	280	8x23	26.6	147	175	210	8x19	22.1	4.1	4.1
8"x2"	279	259	290	330	12x23	26.6	92	120	155	4x19	19	4.6	3.0
8"x3"	279	259	290	330	12x23	26.6	123	150	185	8x19	22.1	4.6	4.1
8"×4"	279	259	290	330	12x23	26.6	147	175	210	8x19	22.1	4.6	4.1

PFA裡襯45度彎管



單位: mm

材質表　ANSI B16.5 Class 150

名稱	碳鋼	不鏽鋼
法蘭	ASTM A105 or ASTM A216 WCB	ASTM A182 or ASTM A351
管件規範	ASTM A234 grade WPB or ASTM A216 WCB	ASTM A403 or ASTM A351
管厚規格	根據SCH40	
標準	雙邊固定法蘭	
裡襯	PFA	

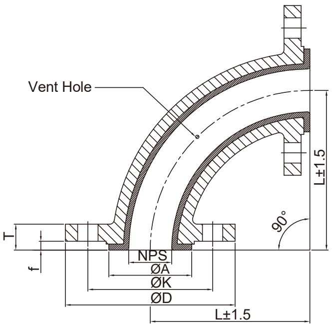
材質表　JIS-10K

名稱	碳鋼	不鏽鋼
法蘭	ASTM A105 or ASTM A216 WCB	ASTM A182 or ASTM A351
管件規範	ASTM A234 grade WPB	ASTM A403 or ASTM A351
管厚規格	根據SCH40	
標準	雙邊固定法蘭	
裡襯	PFA	

NPS INCH	L	ANSI B16.5 Class 150					
		ØA	ØK	ØD	nxØh	T	f/PFA
1/2"	45	32	60.5	89	4x16	14.2	3.0
3/4"	45	40	69.9	98.6	4x16	14.2	3.0
1"	44	48	79.2	108	4x16	14.2	3.0
1-1/2"	57	69	98.6	127	4x16	17.3	3.0
2"	64	87.9	120.7	152.4	4x19	18.8	3.0
2-1/2"	76	100.6	139.7	177.8	4x19	21.7	4.1
3"	76	127	152.4	190.5	4x19	23.2	4.1
4"	102	153.2	190.5	228.6	8x19	28.0	4.1
6"	127	212.7	241	279	8x22	29.4	4.1

NPS INCH	L	JIS-10K					
		ØA	ØK	ØD	nxØh	T	f/PFA
1/2"	45	42	70	95	4x15	15	3.0
3/4"	45	47	75	100	4x15	17	3.0
1"	44	63	90	125	4x19	17	3.0
1-1/2"	58	77	105	140	4x19	19	3.0
2"	64	92	120	155	4x19	19	3.0
2-1/2"	76	112	140	175	4x19	22.1	4.1
3"	76	123	150	185	8x19	22.1	4.1
4"	102	147	175	210	8x19	22.1	4.1
6"	127	211	240	280	8x23	26.6	4.1
8"	139.7	259	290	330	12x23	26.6	4.6

PFA裡襯90度彎管



單位: mm

材質表　ANSI B16.5 Class 150

名稱	碳鋼	不鏽鋼
法蘭	ASTM A105 or ASTM A216 WCB	ASTM A182 or ASTM A351
管件規範	ASTM A234 grade WPB or ASTM A216 WCB	ASTM A403 or ASTM A351
管厚規格	根據SCH40	
標準	雙邊固定法蘭	
裡襯	PFA	

材質表　JIS-10K

名稱	碳鋼	不鏽鋼
法蘭	ASTM A105 or ASTM A216 WCB	ASTM A182 or ASTM A351
管件規範	ASTM A234 grade WPB	ASTM A403 or ASTM A351
管厚規格	根據SCH40	
標準	雙邊固定法蘭	
裡襯	PFA	

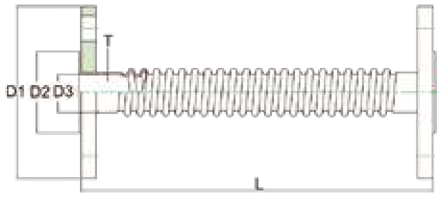
NPS INCH	L	ANSI B16.5 Class 150					
		ØA	ØK	ØD	nxØh	T	f/PFA
1/2"	70	32	60.5	89	4x16	14.2	3.0
3/4"	80	40	69.9	98.6	4x16	14.2	3.0
1"	89	48	79.2	108	4x16	14.2	3.0
1-1/2"	102	69	98.6	127	4x16	17.3	3.0
2"	114	87.9	120.7	152.4	4x19	18.8	3.0
2-1/2"	127	100.6	139.7	177.8	4x19	21.7	4.1
3"	140	127	152.4	190.5	4x19	23.2	4.1
4"	165	153.2	190.5	228.6	8x19	28.0	4.1
6"	203	212.7	241	279	8x22	29.4	4.1

NPS INCH	L	JIS-10K					
		ØA	ØK	ØD	nxØh	T	f/PFA
1/2"	70	42	70	95	4x15	15	3.0
3/4"	80	47	75	100	4x15	17	3.0
1"	89	63	90	125	4x19	17	3.0
1-1/2"	102	77	105	140	4x19	19	3.0
2"	114	92	120	155	4x19	19	3.0
2-1/2"	127	112	140	175	4x19	22.1	4.1
3"	140	123	150	185	8x19	22.1	4.1
4"	165	147	175	210	8x19	22.1	4.1
6"	203	211	240	280	8x23	26.6	4.1
8"	229	259	290	330	12x23	26.6	4.6

PFA蛇管MCT&CT款式

CT TYPE

MCT TYPE
S.S Wiremesh TK.: 1mm
Material : 304



單位: mm

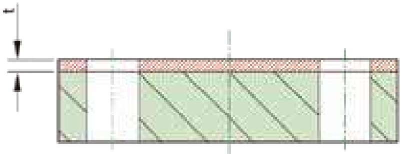
法蘭：ANSI Class 150

Nominal Size	15 1/2″	20 3/4″	25 1″	32 1-1/4″	40 1-1/2″	50 2″
D1	89.9	98.4	108	117.3	127	152
D2	34.9	42.9	50.8	63.5	73	92
D3	9.52	15.87	22.2	27.94	33.73	45.64
T	1.59	1.59	1.59	1.905	2.19	2.58

法蘭：JIS 10K

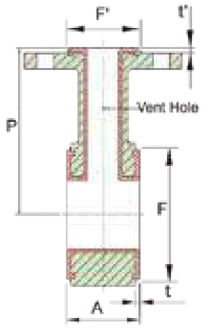
Nominal Size	15 1/2″	20 3/4″	25 1″	32 1-1/4″	40 1-1/2″	50 2″
D1	95	100	125	135	140	155
D2	52	58	70	80	85	96
D3	9.52	15.87	22.2	27.94	33.73	45.64
T	1.5	1.5	1.5	1.9	2.19	2.58

PFA 裡襯盲法蘭



Nominal INCH	Size mm	t
1/2"	15	3.0
3/4"	20	3.0
1"	25	3.0
1-1/2"	40	3.0
2"	50	3.0
3"	80	3.0
4"	100	3.0
6"	150	3.0

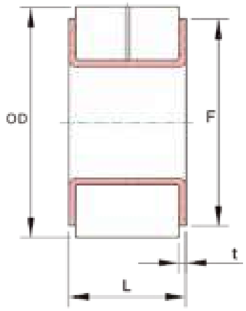
PFA 裡襯儀表接頭



單位: mm

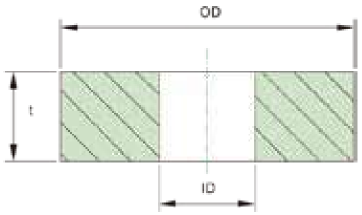
Nominal INCH	Size mm	F	F′	A	P	t	t′
1"x1"	25x25	50.8	50.8	50	90	3	3
1-1/2"x1"	40x25	73.2	50.8	50	100	3	3
2x1"	50x25	91.9	50.8	50	114	3	3
2-1/2"x1"	65x25	104.6	50.8	50	127	4.1	3
3"x1"	80x25	124	50.8	50	140	4.1	3
4"x1"	100x25	157.2	50.8	50	165	4.1	3
6"x1"	150x25	212.7	50.8	50	200	4.1	3

PFA內襯金屬墊片



Nominal INCH	Size mm	OD	ID	t	L
1"	25	66.3	46.8	2	30~90
1-1/2"	40	85.3	69.2	2	30~90
2"	50	105.1	87.9	2	30~90
3"	80	136.1	123	2.5	30~90
4"	100	175.1	153.2	2.5	30~90
6"	150	224.4	212.7	3.0	30~90

法蘭墊片



JIS 10K 材質：PTFE/ NEW PTFE

Nominal JIS	Size mm	OD	ID	t
10K	15	57.3	8.8	3~30
10K	20	62.3	13.93	3~30
10K	25	74.1	19.64	3~30
10K	40	89.1	33.9	3~30
10K	50	104.1	44.51	3~30
10K	65	124.1	54.71	3~30
10K	80	134.1	69.92	3~30
10K	100	159.1	93.25	3~30
10K	150	224	145	3~30

ANSI 150 材質：PTFE/ NEW PTFE

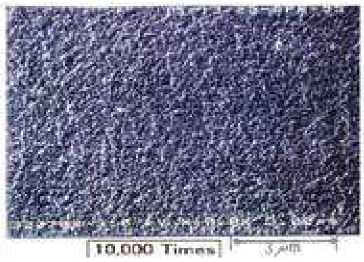
Nominal INCH	Size mm	OD	ID	t
1/2"	15	46.5	15.0	3~30
3/4"	20	57.2	13.93	3~30
1"	25	66.3	19.64	3~30
1-1/2"	40	85.3	33.9	3~30
2"	50	105.1	44.51	3~30
3"	80	136.1	69.92	3~30
4"	100	175.1	93.25	3~30
6"	150	224.4	145	3~30

PFA管

特性

- **優異的耐化學性：**異種分子間引力非常小，因此對於化學藥品及溶劑有非常好的不活潑性及耐藥性，幾乎對所有化學品不反應。
- **使用溫度範圍廣泛：**PFA有良好的熱安定性，最高在260°C連續使用不會變形，耐濕氣滲透性，適用於低溫 - 60°C。
- **不黏著性：**低摩擦，低黏性，並對水及油的表面潑水性及潑油性高，可增加原料的可靠性。
- **耐候性極佳：**直接曝露於陽光、雨水或廢氣中沒有損耗或變形，長時間曝露於戶外特性並無改變。
- **極佳的絕緣材料：**有非常低的介電常數與非常低的介電消散因子。
- **使用壽命長：**PFA在固體樹脂中摩擦系數最低，故耐磨耗性能優異，因此能有效降低成本。

▼表面粗度



PFA的物理特性

項目	測定方法	單位	標準值
比重	JIS K 6890-5.2	-	2.12~2.17
融點	JIS K 6890-5.3	°C	295~310
拉伸強度	JIS K 6890-5.4	Mpa (kgf/cm²)	15.7(160)up
伸長率		%	150 up
MFR值		g/10min	1~3

適用範圍

由於PFA具抗腐蝕特性，廣泛適用於石化、煉製、半導體、光電、電子、化學、製藥、生化科技、食品、造紙、塗料、化妝品等各類工業

材料

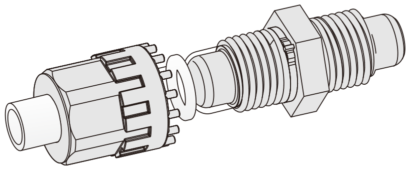
PFA

種類	規格	外徑	內徑	肉厚	公差	
					外徑	肉厚
mm size	3	3	2	0.5	±0.1	±0.05
	4	4	3	0.5	±0.1	±0.05
	6	6	4	1	±0.1	±0.06
	8	8	6	1	±0.12	±0.06
	10	10	8	1	±0.12	±0.06
	12	12	10	1	±0.12	±0.06
	19	19	15.8	1.6	±0.12	±0.10
	25	25	22	1.5	±0.2	±0.10
Inch size	1/8	3.18	2.18	0.5	±0.10	±0.05
	1/4	6.35	3.95	1.2	±0.10	±0.10
	3/8	9.53	6.35	1.6	±0.12	±0.10
			7.53	1	±0.12	±0.06
	1/2	12.7	9.53	1.6	±0.12	±0.10
	3/4	19.05	15.8	1.6	±0.12	±0.10
	1	25.4	22.2	1.6	±0.2	±0.10
	11/4	31.8	28	1.9	±0.25	±0.15
	11/2	38.1	33.7	2.2	±0.25	±0.15
	2	50.8	45.64	2.58	±0.25	±0.2

備註：

1. 長度及公差：管子長度尺寸以＊ ＊M表示之、公差為0~≠2%其它規範外長度容許公差為0~≠2%。
2. 其它尺寸可接受訂單。
3. 表面粗度按SEMI F57-0622規範，基準Ra 0.25μm (10 μin)。
4. 金屬溶出量按SEMI F57-0622規範。

COMPRESSION RING TYPE FITTINGS



新一代的氟素樹脂接頭FIT-ONE

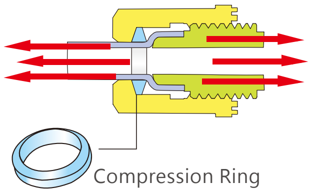
FIT-ONE首次以簡單的形狀設計提供了容易安裝並防止管件脫落的解決方法，成功地克服擴孔式接頭耐拉力不足的共同缺點，實現了以簡單的設計卻更能確保安全性和信賴性的最佳方案。接頭特點如下：

規格

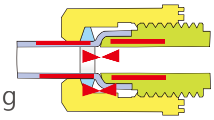
最高使用溫度：200°C (Ring材質為PPS)
最高使用壓力：0.7MPa
使用流體：僅能使用液體
適用管材：PFA管或PTFE管
產品素材：螺帽 (PFA)
本體：PFA或PTFE

能抵抗更強大的拉力，及絕 佳的密封性

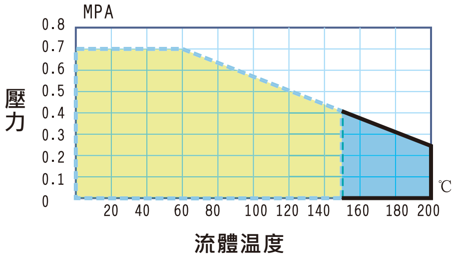
因為有了Compression Ring，所以能完全解決所有一般擴孔式FITTING耐拉力不足的缺點。



由於Ring的內徑能和管件貼合，所以當面臨拉扯時，Ring能把擴管處牢牢地拉住，故能抵抗強大的拉力。



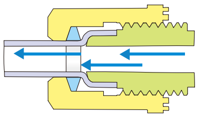
當螺帽鎖緊到適當位置時﹐由於螺帽會壓迫到Ring使得管和本體能緊緊貼合﹐進而產生密封的作用。



黃色：Ring材質爲PVDF的使用範圍
藍色：Ring材質爲PPS的使用範圍

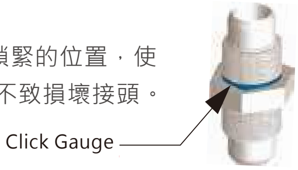
易鎖緊低壓力損失和高度優越的液體置換性

因低扭力即可確實鎖緊且得以抵抗強大的拉力流，而提高液體置換特性。以確保加強本體內徑的流量，將壓力損失降到最小程度同時減少液體的殘留。

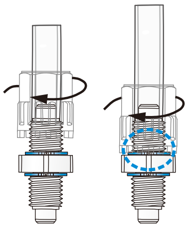


Click Gauge鎖緊指示

Click Gauge能指示最佳鎖緊的位置，使接頭能發揮最大效能，又不致損壞接頭。

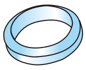


螺帽鎖入本體後，當操作者目視到螺帽上的爪碰到Click Gauge時即代表已鎖到最佳位置了，同時操作者可能會感覺Click Gauge會發出振動或聽到聲響。

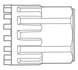


組合方式

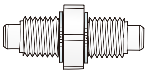
零件和組裝工具



Compression Ring

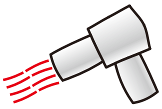


螺帽

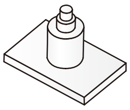


接頭本體

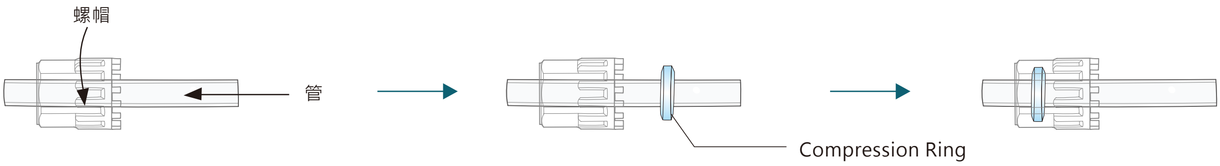
管



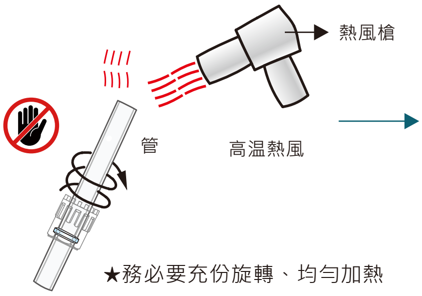
熱風槍



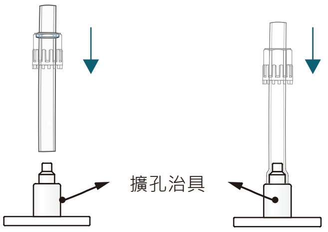
擴孔治具



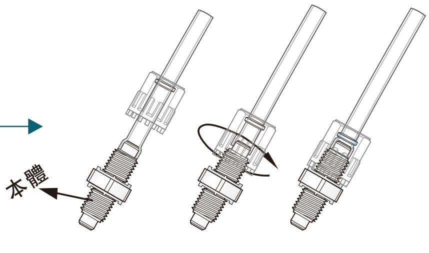
先將管套進螺帽，再將 Compression RING 套進管中



★務必要充份旋轉、均勻加熱



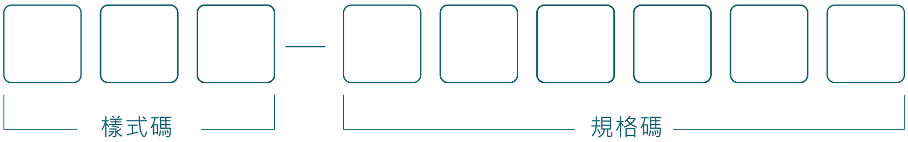
請盡快的將管插入擴孔治具並等到管冷卻



將擴完孔之PFA管套上接頭後，將螺帽鎖至端部的爪和Click Gauge接觸爲止，請注意勿鎖過緊。

PFA接頭

產品編碼規則



樣式編碼表示接頭的形狀（例如：MC連接頭等）。
規格碼表示接頭的規格與螺牙型式。

樣式碼

代碼	樣式
MC	公管牙直通接頭
ME	公管牙90度彎頭
MBT	公管牙同徑三通接頭
FC	母管牙直通接頭
FE	母管牙90度彎頭
UT	同徑三通
U	同徑直通
UE	同徑90度彎頭
RUT	異徑三通
RU	異徑直通
RUE	異徑90度彎頭
PMU	穿板直通
UF	法蘭端接頭
UA	直通接頭轉直管
RUA	異徑直通接頭轉直管
UEA	90度彎頭轉直管
RUEA	異徑90度彎頭轉直管
RA	異徑直通焊接式直管
EA	90度焊接式直管
TA	同徑三通焊接式直管
RTA	異徑三通焊接式直管
RUTA	異徑三通接頭轉直管
UTA	同徑三通接頭轉直管
MCT	管節套接頭
CP	蓋
E	接頭終端蓋
UN	螺帽
HN	半螺帽
RI	迫緊環

英制規格碼

種類	規格	代號
Inch Size	1/8"	H1
	1/4"	H2
	3/8"	H3
	1/2"	H4
	3/4"	H6
	1"	H8
	1 1/4"	H10
	1 1/2"	H12

公制規格碼

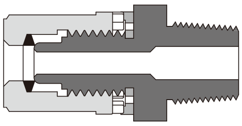
種類	規格	代號
mm Size	3	M3
	4	M4
	6	M6
	8	M8
	10	M10
	12	M12
	19	M19
	25	M25

管牙規格碼

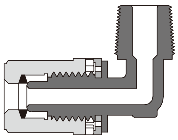
規格	適用管牙代號	
	NPT	PT
1/8"	N1	R1
1/4"	N2	R2
3/8"	N3	R3
1/2"	N4	R4
3/4"	N6	R6
1"	N8	R8
1 1/4"	N10	R10
1 1/2"	N12	R12

例：如要訂購 RUT 系列之三通接頭尺寸為英制規格3/4"1/2" 3/4"，則其代碼為RUT-H6-H4-H6

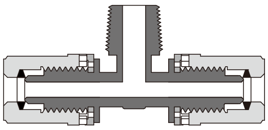
PFA接頭-目錄



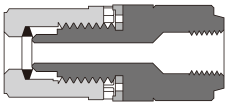
MC



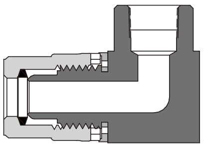
ME



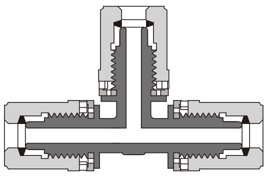
MBT



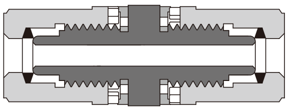
FC



FE



UT



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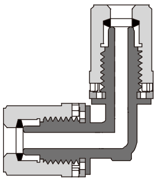
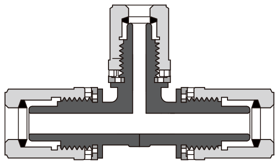
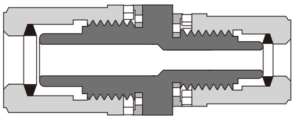


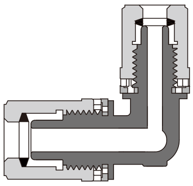
UE



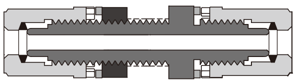
RUT



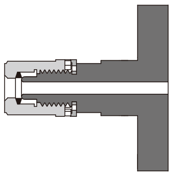
RU



RUE



PMU



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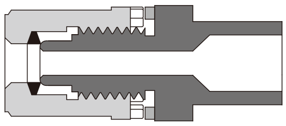
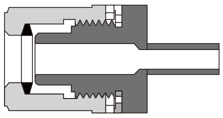


UA



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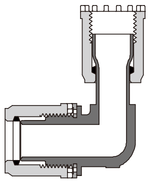

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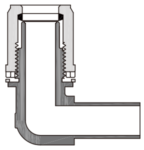

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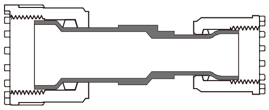

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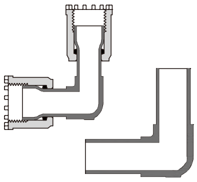

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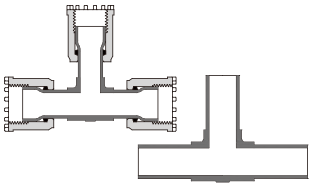

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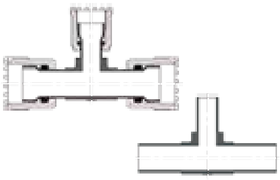

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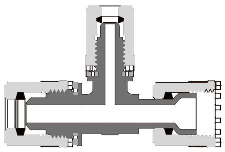

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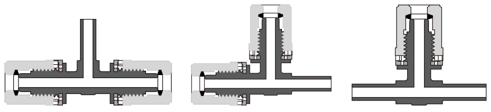

A type B type C type

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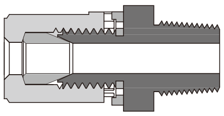

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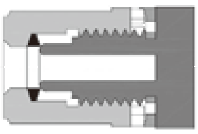

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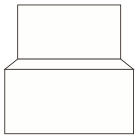

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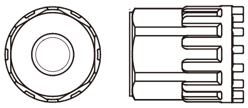

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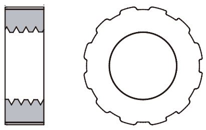

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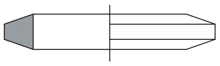
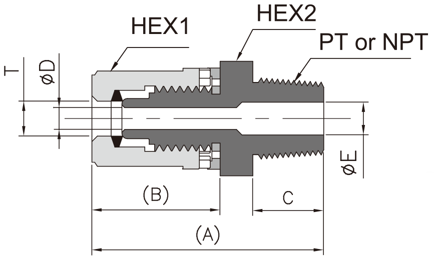


RI

MC公管牙直通接頭



尺寸單位：公厘

INCH+NPT TYPE

	T	NPT	HEX1	HEX2	(A)	(B)	C	ØD	ØE
MC-H1-N1	3.18X2.18	1/8"	11	13	32.3	17.3	9	2	3
MC-H1-N2	"	1/4"	"	"	36.3	"	13	"	6
MC-H2-N1	6.35X3.95	1/8"	16	20	38.2	23.2	9	4	3
MC-H2-N2	"	1/4"	"	"	42.2	"	13	"	6
MC-H2-N3	"	3/8"	"	"	"	"	"	"	10
MC-H3-N2	9.53X6.35	1/4"	19	23	46.4	27.4	"	6.3	6.3
MC-H3-N3	"	3/8"	"	"	"	"	"	"	10
MC-H3-N4	"	1/2"	"	"	50.2	"	16.8	"	12
MC-H4-N2	12.7X9.53	1/4"	24	29	53.3	33	13	10	6
MC-H4-N3	"	3/8"	"	"	"	"	"	"	10
MC-H4-N4	"	1/2"	"	"	57.1	"	16.8	"	12
MC-H4-N6	"	3/4"	"	"	57.4	"	17.1	"	16
MC-H6-N4	19.05X15.8	1/2"	32	38	64.6	40.5	16.8	16	12
MC-H6-N6	"	3/4"	"	"	64.9	"	17.1	"	16
MC-H6-N8	"	1"	"	"	69.2	"	21.4	"	22
MC-H8-N6	25.4X22.2	3/4"	41	49	71.9	47.5	17.1	22	16
MC-H8-N8	"	1"	"	"	76.2	"	21.4	"	22
MC-H10-N10	31.8x28	1 1/4"	50	60	100.7	63.7	25	28	28
MC-H12-N12	38.1x33.7	1 1/2"	60	70	111.0	71	28	33.7	33.7

INCH+PT TYPE

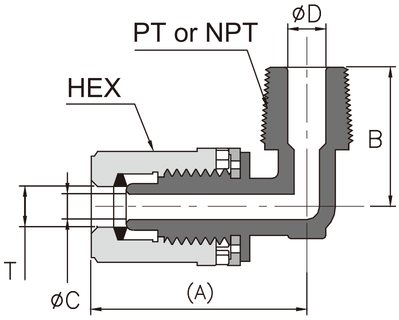
	T	PT	HEX1	HEX2	(A)	(B)	C	ØD	ØE
MC-H1-R1	3.18X2.18	1/8"	11	13	32.3	17.3	9	2	3
MC-H1-R2	"	1/4"	"	"	36.3	"	13	"	6
MC-H2-R1	6.35X3.95	1/8"	16	20	38.2	23.2	9	4	3
MC-H2-R2	"	1/4"	"	"	42.2	"	13	"	6
MC-H2-R3	"	3/8"	"	"	"	"	"	"	10
MC-H3-R2	9.53X6.35	1/4"	19	23	46.4	27.4	"	6.3	6.3
MC-H3-R3	"	3/8"	"	"	"	"	"	"	10
MC-H3-R4	"	1/2"	"	"	50.2	"	16.8	"	12
MC-H4-R2	12.7X9.53	1/4"	24	29	53.3	33	13	10	6
MC-H4-R3	"	3/8"	"	"	"	"	"	"	10
MC-H4-R4	"	1/2"	"	"	57.1	"	16.8	"	12
MC-H4-R6	"	3/4"	"	"	57.4	"	17.1	"	16
MC-H6-R4	19.05X15.8	1/2"	32	38	64.6	40.5	16.8	16	12
MC-H6-R6	"	3/4"	"	"	64.9	"	17.1	"	16
MC-H6-R8	"	1"	"	"	69.2	"	21.4	"	22
MC-H8-R6	25.4X22.2	3/4"	41	49	71.9	47.5	17.1	22	16
MC-H8-R8	"	1"	"	"	76.2	"	21.4	"	22

MM+PT TYPE

	T	PT	HEX1	HEX2	(A)	(B)	C	ØD	ØE
MC-M3-R1	3X2	1/8"	11	13	32.3	17.3	9	2	3
MC-M3-R2	"	1/4"	"	"	36.3	"	13	"	6
MC-M4-R1	4X3	1/8"	11	13	32.3	17.3	9	3	3
MC-M4-R2	"	1/4"	"	"	36.3	"	13	"	6
MC-M6-R1	6X4	1/8"	16	20	38.2	23.2	9	4	3
MC-M6-R2	"	1/4"	"	"	42.2	"	13	"	6
MC-M6-R3	"	3/8"	"	"	"	"	"	"	10
MC-M8-R1	8X6	1/8"	19	23	42.4	27.4	9	6.3	3
MC-M8-R2	"	1/4"	"	"	46.4	"	13	"	6.3
MC-M8-R3	"	3/8"	"	"	"	"	"	"	10
MC-M8-R4	"	1/2"	"	"	50.2	"	16.8	"	12
MC-M10-R2	10X8	1/4"	"	"	46.4	"	13	8	6
MC-M10-R3	"	3/8"	"	"	"	"	"	"	10
MC-M10-R4	"	1/2"	"	"	50.2	"	16.8	"	12
MC-M12-R2	12X10	1/4"	24	29	53.3	33	13	10	6
MC-M12-R3	"	3/8"	"	"	"	"	"	"	10
MC-M12-R4	"	1/2"	"	"	57.1	"	16.8	"	12
MC-M12-R6	"	3/4"	"	"	57.4	"	17.1	"	16
MC-M19-R4	19X15.8	1/2"	32	38	64.6	40.5	16.8	16	12
MC-M19-R6	"	3/4"	"	"	64.9	"	17.1	"	16
MC-M19-R8	"	1"	"	"	69.2	"	21.4	"	22
MC-M25-R6	25X22	3/4"	41	49	71.9	47.5	17.1	22	16
MC-M25-R8	"	1"	"	"	76.2	"	21.4	"	22

所有尺寸謹供參考
"T"為適用之管的管外徑及管內徑
特殊品接受訂製

ME公管牙90度彎頭



尺寸單位：公厘

INCH+NPT TYPE

	T	NPT	HEX	(A)	B	ØC	ØD	W
ME-H1-N1	3.18X2.18	1/8"	11	24.8	17.5	2	3	7.6
ME-H1-N2	"	1/4"	"	"	21.5	"	6	"
ME-H2-N1	6.35X3.95	1/8"	16	33.7	18.0	4	3	10
ME-H2-N2	"	1/4"	"	"	22.0	"	6	"
ME-H2-N3	"	3/8"	"	"	"	"	10	"
ME-H2-N4	"	1/2"	"	36.5	27.8	"	12	14
ME-H3-N2	9.53X6.35	1/4"	19	39.9	24.0	6.3	6	"
ME-H3-N3	"	3/8"	"	"	"	"	10	"
ME-H3-N4	"	1/2"	"	"	27.8	"	12	"
ME-H4-N2	12.7X9.53	1/4"	24	48.5	26.5	10	6	18
ME-H4-N3	"	3/8"	"	"	"	"	10	"
ME-H4-N4	"	1/2"	"	"	30.3	"	12	"
ME-H4-N6	"	3/4"	"	"	30.6	"	16	"
ME-H6-N3	19.05X15.8	3/8"	32	61.0	31.0	16	10	27
ME-H6-N4	"	1/2"	"	"	34.8	"	12	"
ME-H6-N6	"	3/4"	"	"	37.1	"	16	"
ME-H6-N8	"	1"	"	66.0	46.4	"	22	34
ME-H8-N4	25.4X22.2	1/2"	41	73.0	39.8	22	12	24
ME-H8-N6	"	3/4"	"	"	42.1	"	16	34
ME-H8-N8	"	1"	"	"	46.4	"	22	"

INCH+PT TYPE

	T	PT	HEX	(A)	B	ØC	ØD	W
ME-H1-R1	3.18X2.18	1/8"	11	24.8	17.5	2	3	7.6
ME-H1-R2	"	1/4"	"	"	21.5	"	6	"
ME-H2-R1	6.35X3.95	1/8"	16	33.7	18.0	4	3	10
ME-H2-R2	"	1/4"	"	"	22.0	"	6	"
ME-H2-R3	"	3/8"	"	"	"	"	10	"
ME-H3-R2	9.53X6.35	1/4"	19	39.9	24.0	6.3	6	14
ME-H3-R3	"	3/8"	"	"	"	"	10	"
ME-H3-R4	"	1/2"	"	"	27.8	"	12	"
ME-H4-R2	12.7X9.53	1/4"	24	48.5	26.5	10	6	18
ME-H4-R3	"	3/8"	"	"	"	"	10	"
ME-H4-R4	"	1/2"	"	"	30.3	"	12	"
ME-H4-R6	"	3/4"	"	"	30.6	"	16	"
ME-H6-R4	19.05X15.8	1/2"	32	61.0	34.8	16	12	27
ME-H6-R6	"	3/4"	"	"	37.1	"	16	"
ME-H8-R6	25.4X22.2	"	41	73.0	42.1	22	"	34
ME-H8-R8	"	1"	"	"	46.4	"	22	"

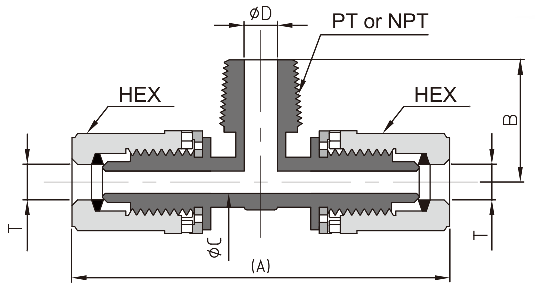
MM+PT TYPE

	T	PT	HEX	(A)	B	ØC	ØD	W
ME-M3-R1	3X2	1/8"	11	24.8	17.5	2	3	7.6
ME-M3-R2	"	1/4"	"	"	21.5	"	6	"
ME-M4-R1	4X3	1/8"	"	"	17.5	3	3	"
ME-M4-R2	"	1/4"	"	"	21.5	"	6	"
ME-M4-R3	"	3/8"	11	26.3	21	3	8	18
ME-M6-R1	6x4	1/8"	16	33.7	18	4	3	10
ME-M6-R2	"	1/4"	"	"	22	"	6	"
ME-M6-R3	"	3/8"	"	"	"	"	10	"
ME-M6-R4	"	1/2"	16	34.7	29	4	10	23
ME-M6-R6	"	3/4"	"	23.2	19	"	16	28
ME-M8-R1	8x6	1/8"	19	39.9	20	6.3	3	14
ME-M8-R2	"	1/4"	"	"	24	"	6	"
ME-M8-R3	"	3/8"	"	"	"	"	10	"
ME-M8-R4	"	1/2"	"	"	27.8	"	12	"
ME-M8-R6	"	3/4"	"	41.4	30.6	"	16	28
ME-M10-R1	10x8	1/8"	"	39.9	20	8	3	14
ME-M10-R2	"	1/4"	"	"	24	8	6	"
ME-M10-R3	"	3/8"	'	"	"	"	10	"
ME-M10-R4	"	1/2"	"	"	27.8	"	12	"
ME-M12-R2	12x10	1/4"	24	48.5	26.5	10	6	18
ME-M12-R3	"	3/8"	"	"	"	"	10	"
ME-M12-R4	"	1/2"	"	"	30.3	"	12	"
ME-M12-R6	"	3/4"	"	"	30.6	"	16	"
ME-M19-R3	19X15.8	3/8"	32	61	31	16	10	27
ME-M19-R4	"	1/2"	"	"	34.8	"	12	"
ME-M19-R6	"	3/4"	"	"	37.1	"	16	"
ME-M25-R4	25x22	1/2"	41	73	39.8	22	12	34
ME-M25-R6	"	3/4"	"	"	42.1	"	16	"
ME-M25-R8	"	1"	"	"	46.4	"	22	"

所有尺寸謹供參考
"T"為適用之管的管外徑及管內徑
"W"為接頭本體兩面之寬度
特殊品接受訂製

MBT公管牙同徑三通

尺寸單位：公厘



所有尺寸謹供參考，"T"為適用之管的管外徑及管內徑
"W"為接頭本體兩面之寬度，特殊品接受訂製

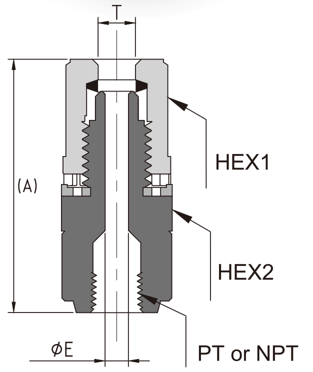
INCH TYPE

	T	NPT	HEX	(A)	B	ØC	ØD	W
MBT-H2-N1	6.35X3.95	1/8"	16	67.4	18.0	4	3	10
MBT-H2-N2	"	1/4"	"	"	22.0	"	6	"
MBT-H2-N3	"	3/8"	"	"	"	"	10	"
MBT-H3-N2	9.53X6.35	1/4"	19	79.7	24.0	6.3	6	14
MBT-H3-N3	"	3/8"	"	"	"	"	10	"
MBT-H3-N4	"	1/2"	"	"	27.8	"	12	"
MBT-H4-N2	12.7X9.53	1/4"	24	97	26.5	10	6	18
MBT-H4-N3	"	3/8"	"	"	26.5	"	10	"
MBT-H4-N4	"	1/2"	"	"	30.3	"	12	"
MBT-H6-N4	19.05X15.8	"	32	122	34.8	16	"	27
MBT-H6-N6	"	3/4"	"	"	37.1	"	16	"
MBT-H8-N6	25.4X22.2	"	41	146	42.1	22	"	34
MBT-H8-N8	"	1"	"	"	46.4	"	22	"

MM TYPE

	T	PT	HEX	(A)	B	ØC	ØD	W
MBT-M6-R1	6X4	1/8"	16	67.4	18.0	4	3	10
MBT-M6-R2	"	1/4"	"	"	22.0	"	6	"
MBT-M6-R3	"	3/8"	"	"	"	"	10	"
MBT-M8-R1	8X6	1/8"	19	79.7	20.0	6.3	3	14
MBT-M8-R2	"	1/4	"	"	24.0	"	6	"
MBT-M8-R3	"	3/8"	"	"	"	"	10	"
MBT-M10-R2	10X8	1/4"	"	"	"	8	6	"
MBT-M10-R3	"	3/8"	"	"	"	"	10	"
MBT-M10-R4	"	1/2"	"	"	27.8	"	12	"
MBT-M12-R2	12X10	1/4"	24	97	26.5	10	6	18
MBT-M12-R3	"	3/8"	"	"	"	"	10	"
MBT-M12-R4	"	1/2"	"	"	30.3	"	12	"
MBT-M19-R4	19X15.8	"	32	122	34.8	16	"	27
MBT-M19-R6	"	3/4"	"	"	37.1	"	16	"
MBT-M25-R6	25X22	"	41	146	42.1	22	"	34
MBT-M25-R8	"	1"	"	"	46.4	"	22	"

FC母管牙直通



所有尺寸謹供參考
"T"為適用之管的管外徑及管內徑，特殊品接受訂製

INCH TYPE

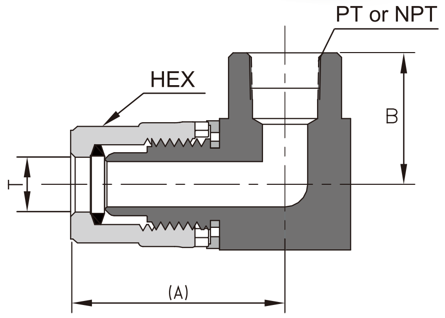
	T	NPT	HEX1	HEX2	(A)	ØE
FC-H2-N1	6.35X3.95	1/8"	16	20	40.2	4
FC-H2-N2	"	1/4"	"	"	43.2	"
FC-H2-N3	"	3/8"	"	23	43.7	"
FC-H3-N2	9.53X6.35	1/4"	19	"	47.4	6.3
FC-H3-N3	"	3/8"	"	"	47.9	"
FC-H3-N4	"	1/2"	"	29	51.9	"
FC-H4-N2	12.7X9.53	1/4"	24	"	54.3	10
FC-H4-N3	"	3/8"	"	"	54.8	"
FC-H4-N4	"	1/2"	"	"	58.8	"
FC-H6-N4	19.05X15.8	1/2"	32	38	66.3	16
FC-H6-N6	"	3/4"	"	"	66.8	"
FC-H8-N6	25.4X22.2	"	41	49	73.8	22
FC-H8-N8	"	1"	"	"	77.8	"

MM TYPE

	T	PT	HEX1	HEX2	(A)	W
FC-M6-R1	6X4	1/8"	16	20	40.2	4
FC-M6-R2	"	1/4"	"	"	43.2	"
FC-M6-R3	"	3/8"	"	23	43.7	"
FC-M8-R1	8X6	1/8"	19	"	44.4	6.3
FC-M8-R2	"	1/4"	"	"	47.4	"
FC-M8-R3	"	3/8"	"	"	47.9	"
FC-M10-R2	10X8	1/4"	"	"	47.4	8
FC-M10-R3	"	3/8"	"	"	47.9	"
FC-M10-R4	"	1/2"	"	29	51.9	"
FC-M12-R2	12X10	1/4"	24	"	54.3	10
FC-M12-R3	"	3/8"	"	"	54.8	"
FC-M12-R4	"	1/2"	"	"	58.8	"
FC-M19-R4	19X15.8	"	32	38	66.3	16
FC-M19-R6	"	3/4"	"	"	66.8	"
FC-M25-R6	25X22	"	41	49	73.8	22
FC-M25-R8	"	1"	"	"	77.8	"

尺寸單位：公厘

FE母管牙90度彎頭



所有尺寸謹供參考
"T"為適用之管的管外徑及管內徑，特殊品接受訂製
"W"為接頭本體兩面之寬度

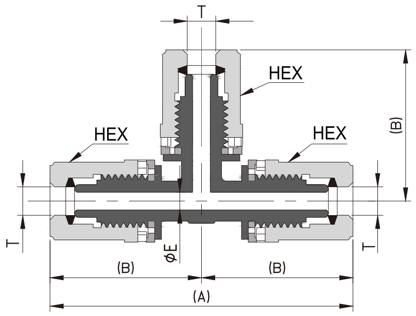
INCH TYPE

	T	NPT	HEX	(A)	B	W
FE-H2-N1	6.35X3.95	1/8"	16	33.2	21	20
FE-H2-N2	"	1/4"	"	34.7	24	23
FE-H2-N3	"	3/8"	"	36.2	24.5	26
FE-H3-N2	9.53X6.35	1/4"	19	38.9	25.5	23
FE-H3-N3	"	3/8"	"	40.4	26	26
FE-H3-N4	"	1/2"	"	43.6	30	32.5
FE-H4-N2	12.7X9.53	1/4"	24	47.5	28.5	29
FE-H4-N3	"	3/8"	"	"	29	"
FE-H4-N4	"	1/2"	"	49.3	33	32.5
FE-H6-N4	19.05X15.8	"	32	59.5	37.5	38
FE-H6-N6	"	3/4"	"	61.5	38	42
FE-H8-N6	25.4X22.2	"	41	72	43.5	49
FE-H8-N8	"	1"	"	74.5	47.5	54

MM TYPE

	T	PT	HEX	(A)	B	W
FE-M6-R1	6X4	1/8"	16	33.2	21	20
FE-M6-R2	"	1/4"	"	34.7	24	23
FE-M6-R3	"	3/8"	"	36.2	24.5	26
FE-M8-R1	8X6	1/8"	19	38.9	21	20
FE-M8-R2	"	1/4"	"	40.4	25.5	23
FE-M8-R3	"	3/8"	"	43.6	26	26
FE-M10-R2	10X8	1/4"	"	38.9	25.5	23
FE-M10-R3	"	3/8"	"	40.4	26	26
FE-M10-R4	"	1/2"	"	43.6	30	32.5
FE-M12-R2	12X10	1/4"	24	47.5	28.5	29
FE-M12-R3	"	3/8"	"	"	29	"
FE-M12-R4	"	1/2"	"	49.3	33	32.5
FE-M19-R4	19X15.8	1/2"	32	59.5	37.5	38
FE-M19-R6	"	3/4"	"	61.5	38	42
FE-M25-R6	25X22	3/4"	41	72	43.5	49
FE-M25-R8	"	1"	"	74.5	47.5	54

UT同徑三通



所有尺寸謹供參考，"T"為適用之管的管外徑及管內徑
"W"為接頭本體兩面之寬度，特殊品接受訂製

INCH TYPE

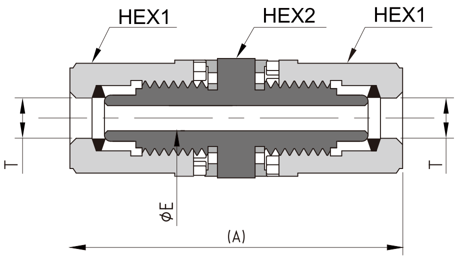
	T	HEX	ØE	(A)	(B)	W
UT-H1	3.18X2.18	11	2	49.5	24.8	7.6
UT-H2	6.35X3.95	16	4	67.4	33.7	10
UT-H3	9.53X6.35	19	6.3	79.7	39.9	14
UT-H4	12.7X9.53	24	10	97.0	48.5	18
UT-H6	19.05X15.8	32	16	122	61	27
UT-H8	25.4X22.2	41	22	146	73	34
UT-H10	31.8X28	50	28	191.4	95.7	42
UT-H12	38.1X33.7	60	33.7	215.8	107.9	50

MM TYPE

	T	HEX	ØE	(A)	(B)	W
UT-M3	3X2	11	2	49.5	24.8	7.6
UT-M4	4X3	"	3	"	"	"
UT-M6	6X4	16	4	67.4	33.7	10
UT-M8	8X6	19	6.3	79.7	39.9	14
UT-M10	10X8	"	8	"	"	"
UT-M12	12X10	24	10	97.0	48.5	18
UT-M19	19X15.8	32	16	122.0	61	27
UT-M25	25X22	41	22	146.0	73	34

U同徑直通

尺寸單位：公厘



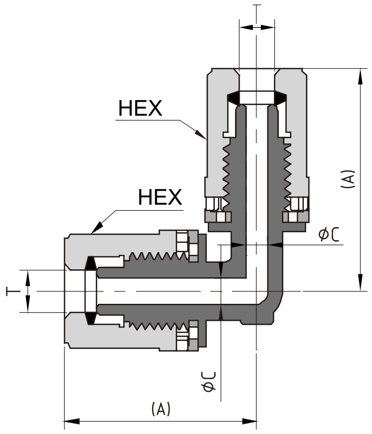
INCH TYPE	T	HEX1	HEX2	(A)	ØE
U-H1	3.18X2.18	11	13	40.7	2
U-H2	6.35X3.95	16	20	52.4	4
U-H3	9.53X6.35	19	23	60.7	6.3
U-H4	12.7X9.53	24	29	73.3	10
U-H6	19.05X15.8	32	38	88.3	16
U-H8	25.4X22.2	41	49	102.3	22
U-H10	31.8X28	50	60	139.4	28
U-H12	38.1X33.7	60	70	154.1	33.7

MM TYPE	T	HEX1	HEX2	(A)	ØE
U-M3	3X2	11	13	40.7	2
U-M4	4X3	"	"	"	3
U-M6	6x4	16	20	52.4	4
U-M8	8x6	19	23	60.7	6.3
U-M10	10x8	"	"	"	8
U-M12	12X10	24	29	73.3	10
U-M19	19x15.8	32	38	88.3	16
U-M25	25x22	41	49	102.3	22

所有尺寸謹供參考

"T"為適用之管的管外徑及管內徑，特殊品接受訂製

UE同徑90度彎頭



INCH TYPE	T	HEX	(A)	ØC	W
UE-H1	3.18X2.18	11	24.8	2	7.6
UE-H2	6.35X3.95	16	33.7	4	10
UE-H3	9.53X6.35	19	39.9	6.3	14
UE-H4	12.7X9.53	24	48.5	10	18
UE-H6	19.05X15.8	32	61	16	27
UE-H8	25.4X22.2	41	73	22	34
UE-H10	31.8X28	50	95.7	28	42
UE-H12	38.1X33.7	60	107.9	33.7	50

MM TYPE	T	HEX	(A)	ØC	W
UE-M3	3X2	11	24.8	2	7.6
UE-M4	4X3	"	"	3	"
UE-M6	6X4	16	33.7	4	10
UE-M8	8X6	19	39.9	6.3	14
UE-M10	10X8	"	"	8	"
UE-M12	12X10	24	48.5	10	18
UE-M19	19X15.8	32	61	16	27
UE-M25	25X22	41	73	22	34

所有尺寸謹供參考

"T"為適用之管的管外徑及管內徑

"W"為接頭本體兩面之寬度

特殊品接受訂製

RUT異徑三通

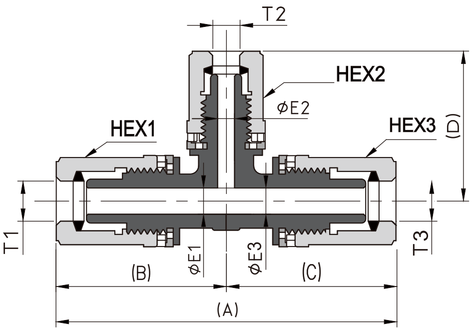
尺寸單位：公厘

INCH TYPE

	T1	T2	T3	HEX1	HEX2	HEX3	ØE1	ØE2	ØE3	(A)	(B)	(C)	(D)	W
RUT-H1-H2-H1	3.18X2.18	6.35X3.95	3.18X2.18	11	16	11	2	4	2	49.5	24.8	24.8	31.2	7.6
RUT-H1-H4-H1	"	12.7X9.53	"	"	24	"	"	10	"	63.5	31.8	31.8	39.5	29
RUT-H2-H1-H2	6.35X3.95	3.18X2.18	6.35x3.95	16	11	16	4	2	4	67.4	33.7	33.7	27.3	10
RUT-H2-H3-H2	"	9.53X6.35	"	"	19	"	"	6.3	"	"	"	"	37.9	"
RUT-H2-H4-H2	"	12.7X9.53	"	"	24	"	"	10	"	85.4	42.7	42.7	49.5	18
RUT-H2-H8-H2	"	25.4X22.2	"	"	41	"	"	22	"	95.4	47.7	47.7	57.5	49
RUT-H3-H1-H3	9.53X6.35	3.18X2.18	9.53X6.35	19	11	19	6.3	2	6.3	67.7	33.9	33.9	28.8	23
RUT-H3-H2-H2	"	6.35X3.95	6.35X3.95	"	16	16	"	4	4	75.6	39.9	35.7	35.7	14
RUT-H3-H2-H3	"	"	9.53X6.35	"	"	19	"	"	6.3	79.7	"	39.9	"	"
RUT-H3-H3-H2	"	9.53X6.35	6.35x3.95	"	19	16	"	6.3	4	75.6	"	35.7	39.9	"
RUT-H3-H4-H3	"	12.7X9.53	9.53X6.35	"	24	19	"	10	6.3	79.7	"	39.9	48	"
RUT-H3-H6-H3	"	19.05X15.8	"	"	32	"	"	16	"	93.7	46.9	46.9	63.4	27
RUT-H4-H2-H2	12.7X9.53	6.35X3.95	6.35x3.95	24	16	16	10	4	4	86.7	48.5	38.2	38.2	18
RUT-H4-H2-H4	"	"	12.7X9.53	"	"	24	"	"	10	97	"	48.5	"	"
RUT-H4-H3-H2	"	9.53X6.35	6.35x3.95	"	19	16	"	6.3	4	79.5	44.5	35	42.2	29
RUT-H4-H3-H3	"	"	9.53X6.35	"	"	19	"	"	6.3	90.9	48.5	42.4	42.4	18
RUT-H4-H3-H4	"	"	12.7X9.53	"	"	24	"	"	10	97	"	48.5	"	"
RUT-H4-H4-H2	"	12.7X9.53	6.35x3.95	"	24	16	"	10	4	86.7	"	38.2	48.5	"
RUT-H4-H4-H3	"	"	9.53X6.35	"	"	19	"	"	6.3	90.9	"	42.4	"	"
RUT-H4-H6-H3	"	19.05X15.8	"	"	32	"	"	16	"	98.4	52	46.4	55	38
RUT-H4-H6-H4	"	"	12.7X9.53	"	"	24	"	"	10	97	48.5	48.5	58.5	18
RUT-H4-H8-H4	"	25.4X22.2	"	"	41	"	"	22	"	115	57.5	57.5	61.9	49
RUT-H6-H1-H6	19.05X15.8	3.18X2.18	19.05X15.8	32	11	32	16	2	16	94	47	47	36.3	38
RUT-H6-H2-H4	"	6.35x3.95	12.7x9.53	"	16	24	"	4	10	93.5	50.5	43	42.2	"
RUT-H6-H2-H6	"	"	19.05X15.8	"	"	32	"	"	16	122	61	61	42.7	27
RUT-H6-H3-H2	"	9.53X6.35	6.35x3.95	"	19	16	"	6.3	4	86.7	52	34.7	46.4	38
RUT-H6-H3-H3	"	"	9.53X6.35	"	"	19	"	"	6.3	90.8	"	38.9	"	"
RUT-H6-H3-H6	"	"	19.05X15.8	"	"	32	"	"	16	122	61	61	46.9	27
RUT-H6-H4-H3	"	12.7X9.53	9.53X6.35	"	24	19	"	10	6.3	96.8	55	41.9	52	38
RUT-H6-H4-H4	"	"	12.7X9.53	"	"	24	"	"	10	114	61	53	53	27
RUT-H6-H4-H6	"	"	19.05X15.8	"	"	32	"	"	16	122	"	61	"	"
RUT-H6-H6-H2	"	19.05X15.8	6.35x3.95	"	32	16	"	16	4	103.7	"	42.7	61	"
RUT-H6-H6-H3	"	"	9.53X6.35	"	"	19	"	"	6.3	107.8	"	46.9	"	"
RUT-H6-H6-H4	"	"	12.7X9.53	"	"	24	"	"	10	114	"	53	"	"
RUT-H6-H8-H3	"	25.4X22.2	9.53X6.35	"	41	19	"	22	6.3	116.8	65	51.9	66.5	49
RUT-H6-H8-H4	"	"	12.7X9.53	"	"	24	"	"	10	122.5	"	57.5	"	49
RUT-H6-H8-H6	"	"	19.05X15.8	"	"	32	"	"	16	122	61	61	70	27
RUT-H8-H2-H8	25.4X22.2	6.35X3.95	25.4X22.2	41	16	41	22	4	22	146	73	73	47.7	34
RUT-H8-H3-H8	"	9.53X6.35	"	"	19	"	"	6.3	"	"	"	"	51.9	"
RUT-H8-H4-H4	"	12.7X9.53	12.7X9.53	"	24	24	"	10	10	109.5	62	47.5	57.5	49
RUT-H8-H4-H6	"	"	19.05X15.8	"	"	32	"	"	16	117	"	55	57.5	"
RUT-H8-H4-H8	"	"	25.4X22.2	"	"	41	"	"	22	146	73	73	58	34
RUT-H8-H6-H2	"	19.05X15.8	6.35x3.95	"	32	16	"	16	4	108.7	66.5	42.2	65	49
RUT-H8-H6-H3	"	"	9.53X6.35	"	"	19	"	"	6.3	112.9	"	46.4	65	"
RUT-H8-H6-H4	"	"	12.7x9.53	"	"	24	"	"	10	118.5	"	52	65	"
RUT-H8-H6-H6	"	"	19.05X15.8	"	"	32	"	"	16	139	73	66	66	34
RUT-H8-H6-H8	"	"	25.4X22.2	"	"	41	"	"	22	146	"	73	"	"
RUT-H8-H8-H2	"	25.4X22.2	6.35x3.95	"	41	16	"	22	4	119.7	72	47.7	72	49
RUT-H8-H8-H3	"	"	9.53X6.35	"	"	19	"	"	6.3	123.9	"	51.9	"	"
RUT-H8-H8-H4	"	"	12.7X9.53	"	"	24	"	22	10	131	73	58	73	34
RUT-H8-H8-H6	"	"	19.05X15.8	"	"	32	"	"	16	139	"	66	"	"
RUT-H8-H12-H8	"	38.1X33.7	25.4X22.2	"	60	41	"	33.7	22	164	82	82	93.3	65.6
RUT-H10-H4-H10	31.8X28	12.7X9.53	31.8X28	50	24	50	28	10	28	156	78	78	62.5	59
RUT-H10-H6-H10	"	19.05X15.8	"	"	32	"	"	16	"	191.4	95.7	95.7	72	41.6
RUT-H10-H8-H10	"	25.4X22.2	"	"	41	"	"	22	"	"	"	"	79	"
RUT-H12-H4-H12	38.1X33.7	12.7X9.53	38.1X33.7	60	24	60	33.7	67.5	33.7	167.7	83.8	83.8	68	65.6
RUT-H12-H6-H12	"	19.05X15.8	"	"	32	"	"	16	"	215.8	107.9	107.9	76.8	49.6
RUT-H12-H8-H12	"	25.4X22.2	"	"	41	"	"	22	"	"	"	"	83.9	"
RUT-H12-H10-H12	"	31.8X28	"	"	50	"	"	28	"	"	"	"	100.5	"
RUT-H12-H12-H8	"	38.1X33.7	25.4X22.2	"	60	41	"	33.7	22	185.8	105.5	80.3	105.5	65.6

所有尺寸謹供參考，"T1" "T2"為適用之管的管外徑及管內徑，"W"為接頭本體兩面之寬度

RUT異徑三通

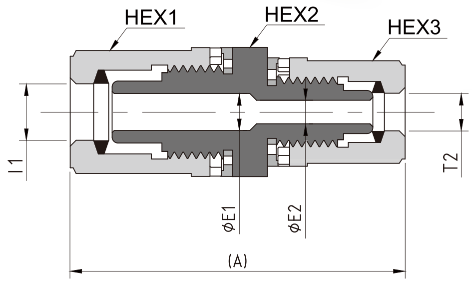


尺寸單位：公厘

MM TYPE

	T1	T2	T3	HEX1	HEX2	HEX3	ØE1	ØE2	ØE3	(A)	(B)	(C)	(D)	W
RUT-M3-M6-M3	3X2	6X4	3X2	11	16	11	2	4	2	49.5	24.8	24.8	31.2	7.6
RUT-M3-M12-M3	"	12X10	"	"	24	"	"	10	"	63.5	31.8	31.8	39.5	29
RUT-M6-M3-M6	6X4	3X2	6X4	16	11	16	4	2	4	67.4	33.7	33.7	27.3	10
RUT-M6-M4-M6	"	4X3	"	"	"	"	"	3	"	"	"	"	"	"
RUT-M6-M8-M6	"	8X6	"	"	19	"	"	6.3	"	"	"	"	37.9	"
RUT-M6-M12-M6	"	12x10	"	"	24	"	"	10	"	85.4	42.7	42.7	49.5	18
RUT-M6-M25-M6	"	25x22	"	"	41	"	"	22	"	95.4	47.7	47.7	57.5	49
RUT-M8-M3-M8	8x6	3x2	8x6	19	11	19	6.3	2	6.3	67.7	33.9	33.9	28.8	23
RUT-M8-M6-M6	"	6X4	6x4	"	16	16	"	4	4	75.6	39.9	35.7	35.7	14
RUT-M8-M6-M8	"	"	8X6	"	"	19	"	"	6.3	79.7	"	39.9	"	"
RUT-M8-M8-M6	"	8X6	6X4	"	19	16	"	6.3	4	75.6	"	35.7	39.9	"
RUT-M8-M12-M8	"	12X10	8x6	"	24	19	"	10	6.3	79.7	"	39.9	48	"
RUT-M8-M19-M8	"	19X15.8	"	"	32	"	"	16	"	93.7	46.9	46.9	63.4	27
RUT-M10-M6-M10	10X8	6X4	10X8	"	16	"	8	4	8	79.7	39.9	39.9	35.7	14
RUT-M10-M8-M10	"	8X6	"	"	19	"	"	6.3	"	"	"	"	39.9	"
RUT-M12-M6-M6	12X10	6X4	6X4	24	16	16	10	4	4	86.7	48.5	38.2	38.2	18
RUT-M12-M6-M12	"	"	12X10	"	"	24	"	"	10	97	"	48.5	"	"
RUT-M12-M8-M6	"	8X6	6X4	"	19	16	"	6.3	4	79.5	44.5	35	42.2	29
RUT-M12-M8-M8	"	"	8X6	"	"	19	"	"	6.3	90.9	48.5	42.4	42.4	18
RUT-M12-M8-M12	"	"	12X10	"	"	24	"	"	10	97	"	48.5	"	"
RUT-M12-M10-M12	"	10X8	"	"	"	"	"	8	"	"	"	"	"	"
RUT-M12-M12-M6	"	12X10	6X4	"	24	16	"	10	4	86.7	"	38.2	48.5	"
RUT-M12-M12-M8	"	"	8X6	"	"	19	"	"	6.3	90.9	"	42.4	"	"
RUT-M12-M19-M8	"	19X15.8	"	"	32	"	"	16	"	98.4	52	46.4	55	38
RUT-M12-M19-M12	"	"	12X10	"	"	24	"	"	10	97	48.5	48.5	58.5	18
RUT-M12-M25-M12	"	25x22	"	"	41	"	"	22	"	115	57.5	57.5	61.9	49
RUT-M19-M3-M19	19X15.8	3x2	19X15.8	32	11	32	16	2	16	94	47	47	36.3	38
RUT-M19-M6-M12	"	6x4	12x10	"	16	24	"	4	10	93.5	50.5	43	42.2	"
RUT-M19-M6-M19	"	"	19X15.8	"	"	32	"	4	16	122	61	61	42.7	27
RUT-M19-M8-M6	"	8x6	6x4	"	19	16	"	6.3	4	86.7	52	34.7	46.4	38
RUT-M19-M8-M8	"	"	8x6	"	"	19	"	"	6.3	90.8	"	38.9	46.4	"
RUT-M19-M10-M19	"	10X8	19X15.8	"	"	32	"	8	16	122	61	61	46.9	27
RUT-M19-M12-M8	"	12x10	8x6	"	24	19	"	10	6.3	96.8	55	41.9	52	38
RUT-M19-M12-M12	"	"	12X10	"	"	24	"	"	10	114	61	53	53	27
RUT-M19-M12-M19	"	"	19X15.8	"	"	32	"	"	16	122	"	61	"	"
RUT-M19-M19-M6	"	19X15.8	6X4	"	32	16	"	16	4	103.7	"	42.7	61	"
RUT-M19-M19-M8	"	"	8X6	"	"	19	"	"	6.3	107.8	"	46.9	"	"
RUT-M19-M19-M10	"	"	10X8	"	"	"	"	"	8	"	"	"	"	"
RUT-M19-M19-M12	"	"	12X10	"	"	24	"	"	10	114	"	53	"	"
RUT-M19-M25-M8	"	25x22	8x6	"	41	19	"	22	6.3	116.8	65	51.9	66.5	49
RUT-M19-M25-M12	"	"	12X10	"	"	24	"	"	10	122.5	"	57.5	"	"
RUT-M19-M25-M19	"	"	19X15.8	"	"	32	"	"	16	122	61	61	70	27
RUT-M25-M6-M25	25X22	6X4	25X22	41	16	41	22	4	22	146	73	73	47.7	34
RUT-M25-M8-M25	"	8X6	"	"	19	"	"	6.3	"	"	"	"	51.9	"
RUT-M25-M12-M12	"	12X10	12X10	"	24	24	"	10	10	109.5	62	47.5	57.5	49
RUT-M25-M12-M19	"	"	19x15.8	"	"	32	"	"	16	117	"	55	"	"
RUT-M25-M12-M25	"	"	25x22	"	"	41	"	"	22	146	73	73	58	34
RUT-M25-M19-M6	"	19X15.8	6x4	"	32	16	"	16	4	108.7	66.5	42.2	65	49
RUT-M25-M19-M8	"	"	8x6	"	"	19	"	"	6.3	112.9	"	46.4	"	"
RUT-M25-M19-M12	"	"	12X10	"	"	24	"	"	10	118.5	"	52	"	"
RUT-M25-M19-M19	"	"	19X15.8	"	"	32	"	"	16	139	73	66	66	34
RUT-M25-M19-M25	"	"	25X22	"	"	41	"	"	22	146	"	73	"	"
RUT-M25-M25-M6	"	25x22	6x4	"	41	16	"	22	4	119.7	72	47.7	72	49
RUT-M25-M25-M8	"	"	8x6	"	"	19	"	"	6.3	123.9	"	51.9	"	"
RUT-M25-M25-M12	"	"	12X10	"	"	24	"	"	10	131	73	58	73	34
RUT-M25-M25-M19	"	"	19X15.8	"	"	32	"	"	16	139	"	66	"	"

RU異徑直通



所有尺寸謹供參考
"T1" "T2"為適用之管的管外徑及管內徑
特殊品接受訂製

尺寸單位：公厘

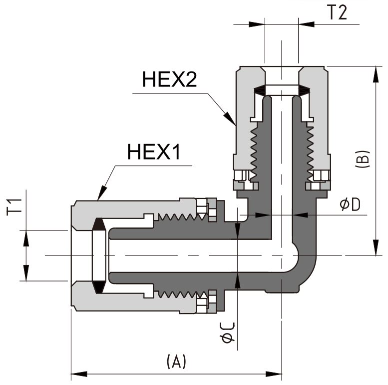
INCH TYPE

	T1	T2	HEX1	HEX2	HEX3	(A)	ØE1	ØE2
RU-H2-H1	6.35X3.95	3.18X2.18	16	20	11	46.5	4	2
RU-H3-H2	9.53X6.35	6.35X3.95	19	23	16	56.6	6.3	4
RU-H4-H2	12.7X9.53	"	24	29	"	63.5	10	"
RU-H4-H3	"	9.53X6.35	"	"	19	67.7	"	6.3
RU-H6-H2	19.05X15.8	6.35X3.95	32	38	16	71	16	4
RU-H6-H3	"	9.53X6.35	"	"	19	75.1	"	6.3
RU-H6-H4	"	12.7X9.53	"	"	24	80.8	"	10
RU-H8-H2	25.4X22.2	6.35X3.95	41	49	16	78.0	22	4
RU-H8-H4	"	"	"	"	24	87.8	"	10
RU-H8-H6	"	19.05X15.8	"	"	32	95.3	"	16
RU-H10-H6	31.8X28	19.05X15.8	50	60	"	116.2	28	"
RU-H10-H8	"	25.4X22.2	"	"	41	123.2	"	22
RU-H12-H6	38.1X33.7	19.05X15.8	60	70	32	123.5	33.7	16
RU-H12-H8	"	25.4X22.2	"	"	41	130.5	"	22
RU-H12-H10	"	31.8X28	"	"	50	146.7	"	28

MM TYPE

	T1	T2	HEX1	HEX2	HEX3	(A)	ØE1	ØE2
RU-M6-M3	6x4	3X2	16	20	11	46.5	4	2
RU-M6-M4	"	4X3	"	"	"	"	"	3
RU-M8-M6	8x6	6x4	19	23	16	56.6	6.3	4
RU-M10-M6	10x8	"	"	"	"	"	8	"
RU-M10-M8	"	8x6	"	"	19	60.7	"	6.3
RU-M12-M6	12x10	6x4	24	29	16	63.5	10	4
RU-M12-M8	"	8x6	"	"	19	67.7	"	6.3
RU-M12-M10	"	10x8	"	"	"	"	"	8
RU-M19-M6	19x15.8	6X4	32	38	16	71	16	4
RU-M19-M10	"	10x8	"	"	19	75.1	"	8
RU-M19-M12	"	12x10	"	"	24	80.8	"	10
RU-M25-M12	25x22	"	41	49	"	87.8	22	"
RU-M25-M19	"	19x15.8	"	"	32	95.3	"	16

RUE異徑90度彎頭



所有尺寸謹供參考
"T1" "T2"為適用之管的管外徑及管內徑
"W"為接頭本體兩面之寬度，特殊品接受訂製

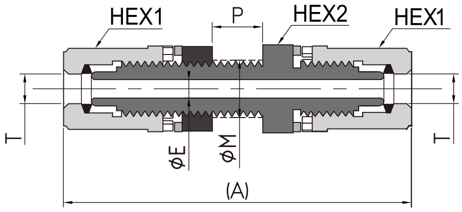
INCH TYPE

	T1	T2	HEX1	HEX2	(A)	(B)	ØC	ØD	W
RUE-H2-H1	6.35X3.95	3.18X2.18	16	11	33.7	27.3	4	2	10
RUE-H3-H2	9.53X6.35	6.35X3.95	19	16	39.9	35.7	6.3	4	14
RUE-H4-H2	12.7X9.53	"	24	"	48.5	38.2	10	"	18
RUE-H4-H3	"	9.53X6.35	"	19	"	42.4	"	6.3	"
RUE-H6-H3	19.05X15.8	"	32	"	61	46.9	16	"	27
RUE-H6-H4	"	12.7X9.5	"	24	"	53	"	10	"
RUE-H8-H4	25.4X22.2	"	41	"	73	58	22	"	34
RUE-H8-H6	"	19.05X15.8	"	32	"	66	"	16	"
RUE-H10-H6	31.8X28	"	50	"	95.7	72	28	"	41.6
RUE-H10-H8	"	25.4X22.2	"	41	"	79	"	22	"
RUE-H12-H6	38.1X33.7	19.05X15.8	60	32	107.9	76.8	33.7	16	49.6
RUE-H12-H8	"	25.4X22.2	"	41	"	83.9	"	22	"
RUE-H12-H10	"	31.8X28	"	50	"	100.5	"	28	"

MM TYPE

	T1	T2	HEX1	HEX2	(A)	(B)	ØC	ØD	W
RUE-M6-M3	6X4	3X2	16	11	33.7	27.3	4	2	10
RUE-M6-M4	"	4X3	"	"	"	"	"	3	"
RUE-M8-M6	8X6	6X4	19	16	39.9	35.7	6.3	4	14
RUE-M10-M6	10X8	"	"	"	"	"	8	"	"
RUE-M10-M8	"	8X6	"	19	"	39.9	"	6.3	"
RUE-M12-M6	12X10	6X4	24	16	48.5	38.2	10	4	18
RUE-M12-M8	"	8X6	"	19	"	42.4	"	6.3	"
RUE-M12-M10	"	10X8	"	"	"	"	"	8	"
RUE-M19-M10	19X15.8	"	32	"	61	46.9	16	"	27
RUE-M19-M12	"	12X10	"	24	"	53	"	10	"
RUE-M25-M12	25X22	"	41	"	73	58	22	"	34
RUE-M25-M19	"	19X15.8	"	32	"	66	"	16	"

PMU穿板直通



所有尺寸謹供參考， "P"為要穿過的牆壁壁厚的最大值。
"M"為牆壁鑽孔的孔徑，"T"為適用之管的管外徑及管內徑，特殊品接受訂製

尺寸單位：公厘

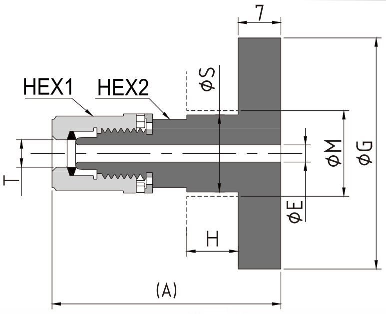
INCH TYPE

	T	ØM	P	HEX1	HEX2	(A)	ØE
PMU-H1	3.18X2.18	8.5	10	11	13	55.5	2
PMU-H2	6.35X3.95	12.5	"	16	20	68.4	4
PMU-H3	9.53X6.35	18.5	"	19	23	76.7	6.3
PMU-H4	12.7X9.53	22.5	"	24	29	90.6	10
PMU-H6	19.05X15.8	31	"	32	38	105.6	16
PMU-H8	25.4X22.2	41	"	41	49	119.6	22

MM TYPE

	T	M	P	HEX1	HEX2	(A)	ØE
PMU-M3	3X2	8.5	10	11	13	55.5	2
PMU-M4	4X3	"	"	"	"	"	3
PMU-M6	6X4	12.5	"	16	20	68.4	4
PMU-M8	8X6	18.5	"	19	23	76.7	6.3
PMU-M10	10X8	"	"	"	"	"	8
PMU-M12	12X10	22.5	"	24	29	90.6	10
PMU-M19	19X15.8	31	"	32	38	105.6	16
PMU-M25	25X22	41	"	41	49	119.6	22

UF法蘭端接頭



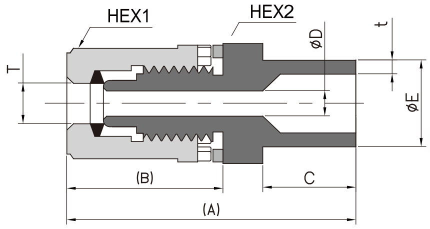
INCH TYPE

	T	Flange	HEX1	HEX2	H	(A)	ØE	ØG	ØS	ØM
UF-H2-15/20A	6.35X3.95	10K-15/20A	16	20	14	50.2	4	54	22	23
UF-H3-15/20A	9.53X6.35	"	19	23	"	54.4	6.3	"	25	26
UF-H3-25/32A	"	10K-25/32A	"	"	"	"	"	70	"	"
UF-H4-15/20A	12.7X9.53	10K-15/20A	24	29	"	61.3	10	54	31.5	32.5
UF-H4-25/32A	"	10K-25/32A	"	"	"	"	"	70	"	"
UF-H6-15/20A	19.05X15.8	10K-15/20A	32	38	16	70.8	16	54	41	42
UF-H6-25/32A	"	10K-25/32A	"	"	"	"	"	70	"	"
UF-H8-25/32A	25.4X22.2	10K-25/32A	41	49	"	77.8	22	"	53	54
UF-H10-40/50A	31.8X28	10K-40/50A	50	60	"	101.7	28	85	65	66
UF-H12-40/50A	38.1X33.7	"	60	64	"	109	33.7	"	68	69

MM TYPE

	T	Flange	HEX1	HEX2	H	(A)	ØE	ØG	ØS	ØM
UF-M6-15/20A	6X4	10K-15/20A	16	20	14	50.2	4	54	22	23
UF-M8-15/20A	8X6	10K-15/20A	19	23	"	54.4	6.3	"	25	26
UF-M8-25/32A	"	10K-25/32A	"	"	"	"	"	70	"	"
UF-M10-15/20A	10X8	10K-15/20A	"	"	"	"	8	54	"	"
UF-M10-25/32A	"	10K-25/32A	"	"	"	"	"	70	"	"
UF-M12-15/20A	12X10	10K-15/20A	24	29	"	61.3	10	54	31.5	32.5
UF-M12-25/32A	"	10K-25/32A	"	"	"	"	"	70	"	"
UF-M19-15/20A	19X15.8	10K-15/20A	32	38	16	70.8	16	54	41	42
UF-M19-25/32A	"	10K-25/32A	"	"	"	"	"	70	"	"
UF-M25-25/32A	25X22	10K-25/32A	41	49	"	77.8	22	"	53	54

UA (Pipe welding type)
直通接頭轉直管



所有尺寸謹供參考
"T"為適用之管的管外徑及管內徑
特殊品接受訂製

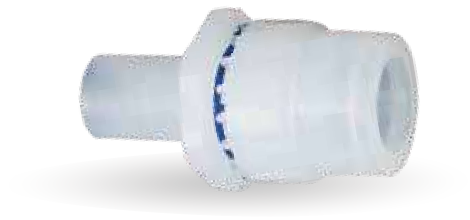
INCH TYPE

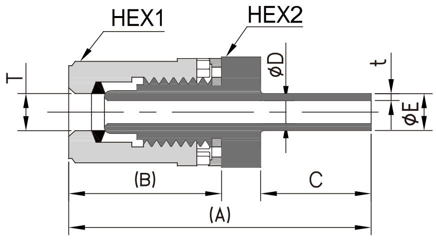
	T	HEX1	HEX2	(A)	(B)	C	ØD	ØE	t
UA-H2-B2	6.35X3.95	16	20	43.2	23.2	14	4	13.7	2.2
UA-H2-B4	"	"	"	68.2	"	39	"	21.3	2.8
UA-H3-B2	9.53X6.35	19	23	47.4	27.4	14	6.3	13.7	2.2
UA-H3-B4	"	"	"	72.4	"	39	"	21.3	2.8
UA-H3-B6	"	"	"	"	"	"	"	26.7	2.9
UA-H4-B2	12.7X9.53	24	29	54.3	33	14	10	13.7	2.2
UA-H4-B4	"	"	"	79.3	"	39	"	21.3	2.8
UA-H4-B6	"	"	"	"	"	"	"	26.7	2.9
UA-H4-B8	"	"	"	"	"	"	"	33.4	3.4
UA-H6-B4	19.05X15.8	32	38	86.8	40.5	"	16	21.3	2.8
UA-H6-B6	"	"	"	"	"	"	"	26.7	2.9
UA-H6-B8	"	"	"	"	"	"	"	33.4	3.4
UA-H8-B6	25.4X22.2	41	49	93.8	47.5	"	22	26.7	2.9
UA-H8-B8	"	"	"	"	"	"	"	33.4	3.4

MM TYPE

	T	HEX1	HEX2	(A)	(B)	C	ØD	ØE	t
UA-M6-B2	6X4	16	20	43.2	23.2	14	4	13.7	2.2
UA-M6-B4	"	"	"	68.2	"	39	"	21.3	2.8
UA-M10-B2	10X8	19	23	47.4	27.4	14	8	13.7	2.2
UA-M10-B4	"	"	"	72.4	"	39	"	21.3	2.8
UA-M10-B6	"	"	"	"	"	"	"	26.7	2.9
UA-M12-B2	12X10	24	29	54.3	33	14	10	13.7	2.2
UA-M12-B4	"	"	"	79.3	"	39	"	21.3	2.8
UA-M12-B6	"	"	"	"	"	"	"	26.7	2.9
UA-M12-B8	"	"	"	"	"	"	"	33.4	3.4
UA-M19-B4	19X15.8	32	38	86.8	40.5	"	16	21.3	2.8
UA-M19-B6	"	"	"	"	"	"	"	26.7	2.9
UA-M19-B8	"	"	"	"	"	"	"	33.4	3.4
UA-M25-B6	25X22	41	49	93.8	47.5	"	22	26.7	2.9
UA-M25-B8	"	"	"	"	"	"	"	33.4	3.4

UA直通接頭轉直管





T type

尺寸單位：公厘

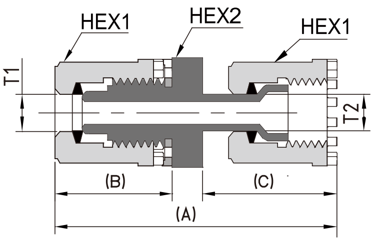
INCH TYPE

	T	HEX1	HEX2	(A)	(B)	C	ØD	ØE	t
UA-H2-TH2	6.35X3.95	16	20	46.2	23.2	17	4	6.35	1.2
UA-H3-TH3	9.53X6.35	19	23	54.4	27.4	21	6.3	9.53	1.6
UA-H4-TH4	12.7X9.53	24	29	65.3	33	25	10	12.7	1.6
UA-H6-TH6	19.05X15.8	32	38	78.8	40.5	31	16	19.05	1.6
UA-H8-TH8	25.4X22.2	41	49	92.8	47.5	38	22	25.4	1.6

MM TYPE

	T	HEX1	HEX2	(A)	(B)	C	ØD	ØE	t
UA-M6-TH2	6x4	16	20	46.2	23.2	17	4	6.35	1.2
UA-M8-TH3	8x6	19	23	54.4	27.4	21	6.3	9.53	1.6
UA-M12-TH4	12X10	24	29	65.3	33	25	10	12.7	1.6
UA-M19-TH6	19X15.8	32	38	78.8	40.5	31	16	19.05	1.6
UA-M25-TH8	25X22	41	49	92.8	47.5	38	22	25.4	1.6

所有尺寸謹供參考
"T1" "T2"為適用之管的管外徑及管內徑



S type

INCH TYPE

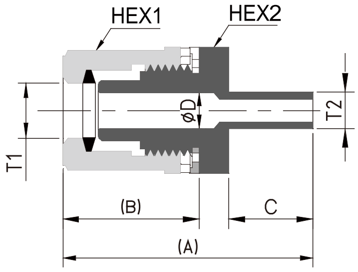
	T1	T2	HEX1	HEX2	(A)	(B)	(C)
UA-H2-TH2S	6.35X3.95	M6,H2	16	20	57.6	23.2	28.4
UA-H3-TH3S	9.53X6.35	M8,H3	19	23	64.6	27.4	31.2
UA-H4-TH4S	12.7X9.53	M12,H4	24	29	79.3	33	39
UA-H6-TH6S	19.05X15.8	M19,H6	32	38	94.8	40.5	47
UA-H8-TH8S	25.4X22	M25,H8	41	49	115.5	47.5	60.7

MM TYPE

	T1	T2	HEX1	HEX2	(A)	(B)	(C)
UA-M6-TH2S	6x4	M6,H2	16	20	57.6	23.2	28.4
UA-M8-TH3S	8x6	M8,H3	19	23	64.6	27.4	31.2
UA-M12-TH4S	12X10	M12,H4	24	29	79.3	33	39
UA-M19-TH6S	19X15.8	M19,H6	32	38	94.8	40.5	47
UA-M25-TH8S	25X22	M25,H8	41	49	115.5	47.5	60.7

所有尺寸謹供參考
"T"為適用之管的管外徑及管內徑
特殊品接受訂製

RUA異徑直通接頭轉直管



T type

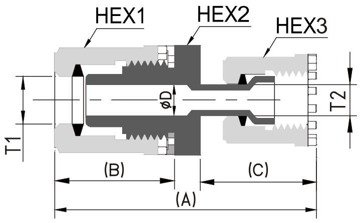
尺寸單位：公厘

INCH TYPE

	T1	T2	HEX1	HEX2	(A)	(B)	C	ØD
RUA-H2-TH3	6.35x3.95	9.53X6.35	16	20	50.2	23.2	21	4
RUA-H2-TH4	''	12.7X9.53	''	''	54.2	''	25	''
RUA-H2-TH6	''	19.05X15.8	''	''	60.2	''	31	''
RUA-H3-TH2	9.53X6.35	6.35X3.95	19	23	50.4	27.4	17	6.3
RUA-H3-TH4	''	12.7X9.53	''	''	58.4	''	25	''
RUA-H3-TH6	''	19.05X15.8	''	''	64.4	''	31	''
RUA-H4-TH3	12.7X9.53	9.53X6.35	24	29	61.3	33	21	10
RUA-H4-TH6	''	19.05X15.8	''	''	71.3	''	31	''
RUA-H4-TH8	''	25.4X22.2	''	''	78.3	''	38	''
RUA-H6-TH3	19.05X15.8	9.53X6.35	32	38	68.8	40.5	21	16
RUA-H6-TH4	''	12.7X9.53	''	''	72.8	''	25	''
RUA-H6-TH8	''	25.4X22.2	''	''	85.8	''	38	''
RUA-H8-TH6	25.4X22.2	19.05X15.8	41	49	85.8	47.5	31	22

MM TYPE

	T1	T2	HEX1	HEX2	(A)	(B)	C	ØD
RUA-M6-TH3	6X4	9.53X6.35	16	20	50.2	23.2	21	4
RUA-M6-TH4	''	12.7X9.53	''	''	54.2	''	25	''
RUA-M6-TH6	''	19.05X15.8	''	''	60.2	''	31	''
RUA-M8-TH2	8X6	6.35X3.95	19	23	50.4	27.4	17	6.3
RUA-M8-TH4	''	12.7X9.53	''	''	58.4	''	25	''
RUA-M8-TH6	''	19.05X15.8	''	''	64.4	''	31	''
RUA-M10-TH2	10x8	6.35X3.95	"	"	50.4	"	17.0	8
RUA-M10-TH4	"	12.7X9.53	"	"	58.4	"	25.0	"
RUA-M12-TH3	12X10	9.53X6.35	24	29	61.3	33	21	10
RUA-M12-TH6	''	19.05X15.8	''	''	71.3	''	31	''
RUA-M12-TH8	''	25.4X22.2	''	''	78.3	''	38	''
RUA-M19-TH3	19X15.8	9.53X6.35	32	38	68.8	40.5	21	16
RUA-M19-TH4	''	12.7X9.53	''	''	72.8	''	25	''
RUA-M19-TH8	''	25.4X22.2	''	''	85.8	''	38	''
RUA-M25-TH6	25X22	19.05X15.8	41	49	85.8	47.5	31	22



S type

INCH TYPE

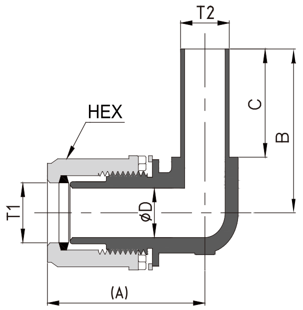
	T1	T2	HEX1	HEX2	HEX3	(A)	(B)	(C)	ØD
RUA-H2-TH3S	6.35x3.95	M8,H3	16	20	19	60.4	23.2	31.2	4
RUA-H2-TH4S	''	M12,H4	''	''	24	68.2	''	39	''
RUA-H2-TH6S	''	M19,H6	''	''	32	76.2	''	47	''
RUA-H3-TH2S	9.53X6.35	M6,H2	19	23	16	61.8	27.4	28.4	6.3
RUA-H3-TH4S	''	M12,H4	''	''	24	72.4	''	39	''
RUA-H3-TH6S	''	M19,H6	''	''	32	80.4	''	47	''
RUA-H4-TH3S	12.7X9.53	M8,H3	24	29	19	71.5	33	31.2	10
RUA-H4-TH6S	''	M19,H6	''	''	32	87.3	''	47	''
RUA-H4-TH8S	''	M25,H8	''	''	41	101	''	60.7	''
RUA-H6-TH3S	19.05X15.8	M8,H3	32	38	19	79	40.5	31.2	16
RUA-H6-TH4S	''	M12,H4	''	''	24	86.8	''	39	''
RUA-H6-TH8S	''	M25,H8	''	''	41	108.5	''	60.7	''
RUA-H8-TH6S	25.4X22.2	M19,H6	41	49	32	101.8	47.5	47	22

MM TYPE

	T1	T2	HEX1	HEX2	HEX3	(A)	(B)	(C)	ØD
RUA-M6-TH3S	6X4	M8,H3	16	20	19	60.4	23.2	31.2	4
RUA-M6-TH4S	''	M12,H4	''	''	24	68.2	''	39	''
RUA-M6-TH6S	''	M19,H6	''	''	32	76.2	''	47	''
RUA-M8-TH2S	8X6	M6,H2	19	23	16	61.8	27.4	28.4	6.3
RUA-M8-TH4S	''	M12,H4	''	''	24	72.4	''	39	''
RUA-M8-TH6S	''	M19,H6	''	''	32	80.4	''	47	''
RUA-M10-TH2S	10x8	M6,H2	"	"	16	61.8	"	28.4	8
RUA-M10-TH4S	"	M12,H4	"	"	24	72.4	"	39	"
RUA-M12-TH3S	12X10	M8,H3	24	29	19	71.5	33	31.2	10
RUA-M12-TH6S	''	M19,H6	''	''	32	87.3	''	47	''
RUA-M12-TH8S	''	M25,H8	''	''	41	101	''	60.7	''
RUA-M19-TH3S	19X15.8	M8,H3	32	38	19	79	40.5	31.2	16
RUA-M19-TH4S	''	M12,H4	''	''	24	86.8	''	39	''
RUA-M19-TH8S	''	M25,H8	''	''	41	108.5	''	60.7	''
RUA-M25-TH6S	25X22	M19,H6	41	49	32	101.8	47.5	47	22

所有尺寸謹供參考
"T1" "T2"為適用之管的管外徑及管內徑

UEA 90度彎頭轉直管



T type

尺寸單位：公厘

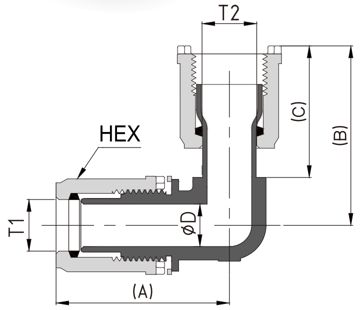
INCH TYPE

	T1	T2	HEX	(A)	B	C	ØD	W
UEA-H2-TH2	6.35X3.95	6.35X3.95	16	33.7	26	17	4	10
UEA-H3-TH3	9.53X6.35	9.53X6.35	19	39.9	32	21	6.3	14
UEA-H4-TH4	12.7X9.53	12.7X9.53	24	48.5	38.5	25	10	18
UEA-H6-TH6	19.05X15.8	19.05X15.8	32	61	49	31	16	27
UEA-H8-TH8	25.4X22.2	25.4X22.2	41	73	61	38	22	34

MM TYPE

	T1	T2	HEX	(A)	B	C	ØD	W
UEA-M6-TH2	6X4	6.35X3.95	16	33.7	26	17	4	10
UEA-M8-TH3	8X6	9.53X6.35	19	39.9	32	21	6.3	14
UEA-M10-TH3	10X8	"	"	"	"	"	8	"
UEA-M12-TH4	12X10	12.7X9.5	24	48.5	38.5	25	10	18
UEA-M19-TH6	19X15.8	19X15.8	32	61	49	31	16	27
UEA-M25-TH8	25X22	25.4X22.2	41	73	61	38	22	34

所有尺寸謹供參考
"T1" 為適用之管的管外徑及管內徑
"W"為接頭本體兩面之寬度
特殊品接受訂製



S type

INCH TYPE

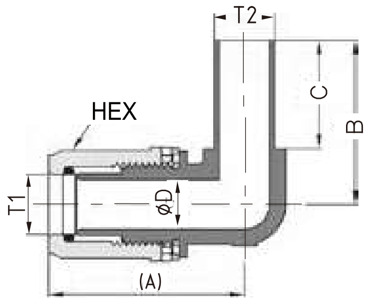
	T1	T2	HEX	(A)	(B)	(C)	ØD	W
UEA-H2-TH2S	6.35X3.95	M6 · H2	16	33.7	37.4	28.4	4	10
UEA-H3-TH3S	9.53X6.35	M8 · H3	19	39.9	42.2	31.2	6.3	14
UEA-H4-TH4S	12.7X9.53	M12 · H4	24	48.5	52.5	39	10	18
UEA-H6-TH6S	19.05X15.8	M19 · H6	32	61	65	47	16	27
UEA-H8-TH8S	25.4X22.2	M25 · H8	41	73	83.7	60.7	22	34

MM TYPE

	T1	T2	HEX	(A)	(B)	(C)	ØD	W
UEA-M6-TH2S	6X4	M6 · H2	16	33.7	37.4	28.4	4	10
UEA-M8-TH3S	8X6	M8 · H3	19	39.9	42.2	31.2	6.3	14
UEA-M10-TH3S	10X8	"	"	"	"	"	8	"
UEA-M12-TH4S	12X10	M12 · H4	24	48.5	52.5	39	10	18
UEA-M19-TH6S	19X15.8	M19 · H6	32	61	65	47	16	27
UEA-M25-TH8S	25X22	M25 · H8	41	73	83.7	60.7	22	34

所有尺寸謹供參考
"T1" 為適用之管的管外徑及管內徑，"T2"為適用本體接頭之規格
"W"為接頭本體兩面之寬度，特殊品接受訂製
"B"和"C"尺寸因擴孔關係，所以僅能提供大約尺寸

RUEA異徑90度彎頭轉直管



T type

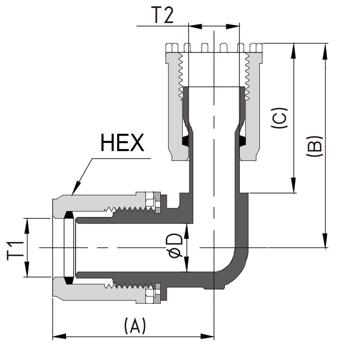
尺寸單位：公厘

INCH TYPE

	T1	T2	HEX	(A)	B	C	ØD	W
RUEA-H2-TH4	6.35X3.95	12.7X9.53	16	38.2	38.5	25	4	18
RUEA-H3-TH2	9.53X6.35	6.35X3.95	19	39.9	28	17	6.3	14
RUEA-H3-TH4	"	12.7X9.53	"	42.4	38.5	25	"	18
RUEA-H4-TH6	12.7X9.53	19.05X15.8	24	53.0	49	31	10	27
RUEA-H4-TH8	"	25.4X22.2	"	58.0	61	38	"	34
RUEA-H6-TH4	19.05X15.8	12.7X9.53	32	61.0	43	25	16	27
RUEA-H6-TH8	"	25.4X22.2	"	66	61	38	"	34
RUEA-H8-TH6	25.4X22.2	19.05X15.8	41	73	54	31	22	"

MM TYPE

	T1	T2	HEX	(A)	B	C	ØD	W
RUEA-M6-TH4	6X4	12.7X9.53	16	38.2	38.5	25	4	18
RUEA-M8-TH2	8x6	6.35X3.95	19	39.9	28	17	6.3	14
RUEA-M8-TH4	"	12.7X9.53	"	42.4	38.5	25	"	18
RUEA-M12-TH6	12x10	19.05X15.8	24	53.0	49	31	10	27
RUEA-M12-TH8	"	25.4X22.2	"	58.0	61	38	"	34
RUEA-M19-TH4	19X15.8	12.7X9.53	32	61.0	43	25	16	27
RUEA-M19-TH8	"	25.4X22.2	"	66	61	38	"	34
RUEA-M25-TH6	25X22	19.05X15.8	41	73	54	31	22	"



S type

INCH TYPE

	T1	T2	HEX	(A)	(B)	(C)	ØD	W
RUEA-H2-TH4S	6.35X3.95	M12 · H4	16	38.2	52.5	39	4	18
RUEA-H3-TH2S	9.53X6.35	M6 · H2	19	39.9	39.4	28.4	6.3	14
RUEA-H3-TH4S	"	M12 · H4	"	42.4	52.5	39	"	18
RUEA-H4-TH6S	12.7X9.53	M19 · H6	24	53.0	65	47	10	27
RUEA-H4-TH8S	"	M25 · H8	"	58.0	83.7	60.7	"	34
RUEA-H6-TH4S	19.05X15.8	M12 · H4	32	61.0	57	39	16	27
RUEA-H6-TH8S	"	M25 · H8	"	66	83.7	60.7	"	34
RUEA-H8-TH6S	25.4X22.2	M19 · H6	41	73	70	47	22	"

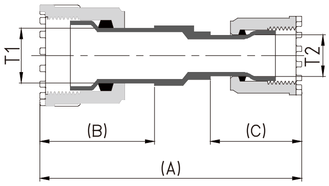
MM TYPE

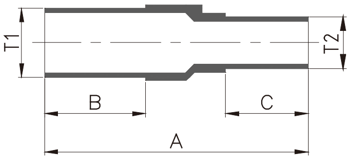
	T1	T2	HEX	(A)	(B)	(C)	ØD	W
RUEA-M6-TH4S	6X4	M12 · H4	16	38.2	52.5	39	4	18
RUEA-M8-TH2S	8x6	M6 · H2	19	39.9	39.4	28.4	6.3	14
RUEA-M8-TH4S	"	M12 · H4	"	42.4	52.5	39	"	18
RUEA-M12-TH6S	12x10	M19 · H6	24	53.0	65	47	10	27
RUEA-M12-TH8S	"	M25 · H8	"	58.0	83.7	60.7	"	34
RUEA-M19-TH4S	19X15.8	M12 · H4	32	61.0	57	39	16	27
RUEA-M19-TH8S	"	M25 · H8	"	66	83.7	60.7	"	34
RUEA-M25-TH6S	25X22	M19 · H6	41	73	70	47	22	"

所有尺寸謹供參考

"T1" "T2"為適用之管的管外徑及管內徑

RA異徑直通焊接式直管





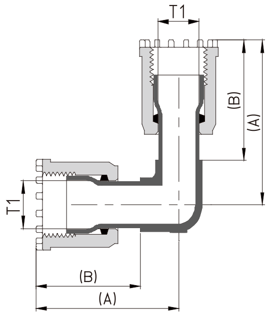
尺寸單位：公厘

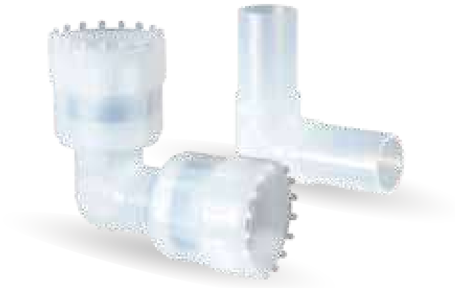
INCH TYPE (Flare type)	T1	T2	(A)	(B)	(C)
RA-TH10S-TH6S	H10	M19,H6	152.5	75.4	47
RA-TH10S-TH8S	"	M25,H8	166.2	"	60.7
RA-TH12S-TH6S	H12	M19,H6	164.5	87.4	47
RA-TH12S-TH8S	"	M25,H8	178.2	"	60.7
RA-TH12S-TH10S	"	H10	192.9	"	75.4

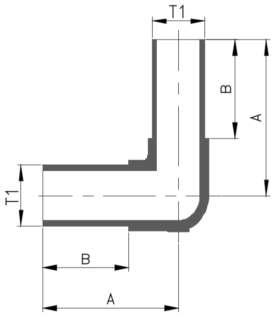
INCH TYPE (Weld type)	T1	T2	A	B	C
RA-TH10-TH6	31.8X28	19.05X15.8	111.1	50	31
RA-TH10-TH8	"	25.4X22.2	118.1	"	38
RA-TH12-TH6	38.1X33.7	19.05X15.8	119.1	58	31
RA-TH12-TH8	"	25.4X22.2	126.1	"	38
RA-TH12-TH10	"	31.8X28	138.1	"	50

所有尺寸謹供參考．"T1" "T2"為適用之管的管外徑及管內徑

EA 90度焊接式直管







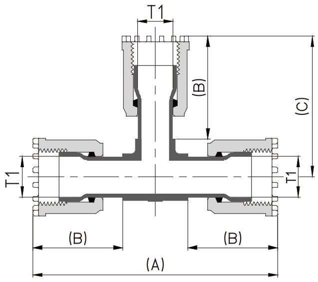
INCH TYPE (Flare type)	T1	(A)	(B)	W
EA-TH2S	M6,H2	37.4	28.4	10
EA-TH3S	M8,H3	42.2	31.2	13
EA-TH4S	M12,H4	52.5	39	16.5
EA-TH6S	M19,H6	65	47	23
EA-TH8S	M25,H8	83.7	60.7	29
EA-TH10S	H10	104.4	75.4	36.6
EA-TH12S	H12	121.3	87.5	42.6

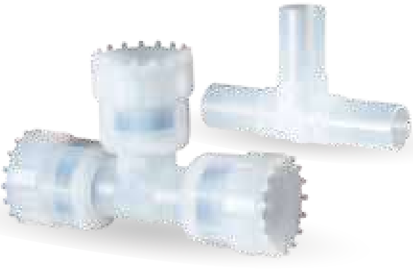
INCH TYPE (Weld type)	T1	A	B	W
EA-TH2	6.35x3.95	26	17	10
EA-TH3	9.53x6.35	32	21	13
EA-TH4	12.7x9.53	38.5	25	16.5
EA-TH6	19.05X15.8	49	31	23
EA-TH8	25.4X22.2	61	38	29
EA-TH10	31.8X28	79	50	36.6
EA-TH12	38.1X33.7	91.9	58	42.6

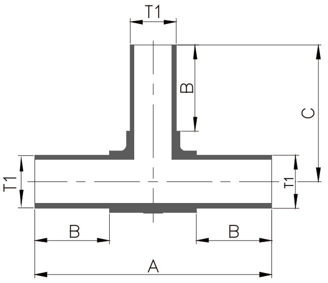
所有尺寸僅供參考

"T1" 為適用之管的管外徑及管內，W為接頭本體兩面之寬度

TA 同徑三通焊接式直管





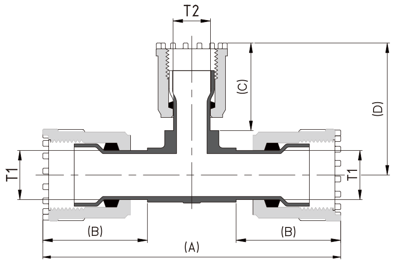


INCH TYPE (Flare type)	T1	(A)	(B)	(C)	W
TA-TH2S	M6,H2	73.8	28.4	28.4	17
TA-TH3S	M8,H3	84.4	31.2	42.2	13
TA-TH4S	M12,H4	10.5	39	52.5	16.5
TA-TH6S	M19,H6	130	47	65	23
TA-TH8S	M25,H8	167.4	60.7	83.7	29
TA-TH10S	H10	208.8	75.4	104.4	36.6
TA-TH12S	H12	242.6	87.5	121.3	42.6

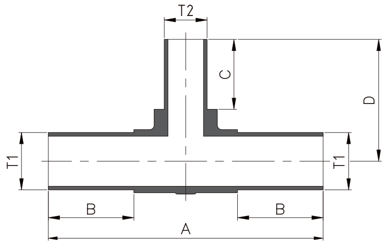
INCH TYPE (Weld type)	T1	A	B	C	W
TA-TH2	6.35x3.95	51	17	24.5	17
TA-TH3	9.53x6.35	64	21	32	13
TA-TH4	12.7x9.53	77	25	38.5	16.5
TA-TH6	19.05X15.8	98	31	49	23
TA-TH8	25.4X22.2	122	38	61	29
TA-TH10	31.8X28	158	50	79	36.6
TA-TH12	38.1X33.7	183.7	58	91.9	42.6

所有尺寸僅供參考．"T1" 為適用之管的管外徑及管內徑．W為接頭本體兩面之寬度

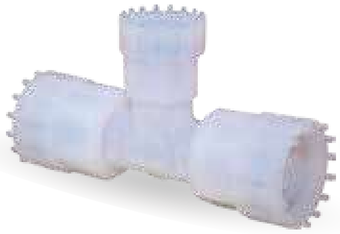
RTA異徑三通焊接式直管

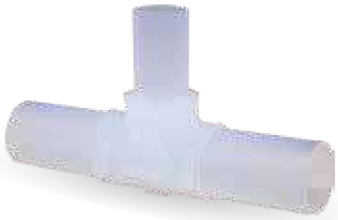


Flare type



Weld type





尺寸單位：公厘

INCH TYPE (Flare type)

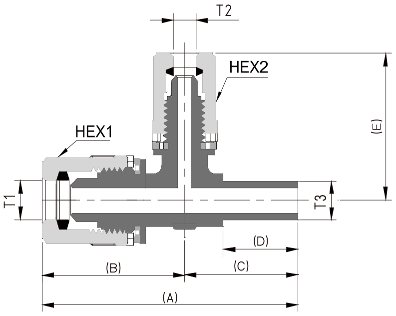
	T1	T2	(A)	(B)	(C)	(D)	W
RTA-TH8S-TH6S-TH8S	M25,H8	M19,H6	167.4	60.7	47	70	29
RTA-TH10S-TH8S-TH10S	H10	M25,H8	208.8	75.4	60.7	89.7	36.6
RTA-TH12S-TH8S-TH12S	H12	"	242.6	87.5	"	94.6	42.6

INCH TYPE (Weld type)

	T1	T2	A	B	C	D	W
RTA-TH8-TH6-TH8	25.4x22.2	19.05x15.8	122	38	31	54	29
RTA-TH10-TH8-TH10	31.8x28	25.4x22.2	158	50	38	67	36.6
RTA-TH12-TH8-TH12	38.1x33.7	"	183.7	58	"	71.9	42.6

所有尺寸謹供參考
"T1" 為適用之管的管外徑及管內徑，"T2"為適用本體接頭之規格
"W"為接頭本體兩面之寬度，特殊品接受訂製

RUTA異徑三通接頭轉直管



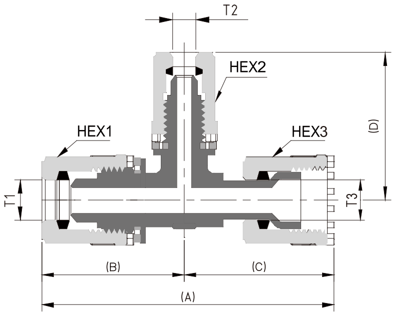
T type

INCH TYPE (T type)

	T1	T2	T3	HEX1	HEX2	(A)	(B)	(C)	(D)	(E)
RUTA-H3-H4-TH4	9.53X6.35	12.7X9.53	12.7X9.53	19	24	80.9	42.4	38.5	25	48.5
RUTA-H3-H2-TH3	9.53X6.35	6.35X3.95	9.53X6.35	19	16	71.9	39.9	32	21	35.7

MM TYPE (T type)

	T1	T2	T3	HEX1	HEX2	(A)	(B)	(C)	(D)	(E)
RUTA-M8-M12-TH4	8x6	12x10	12.7X9.53	19	24	80.9	42.4	38.5	25	48.5
RUTA-M8-M6-TH3	8x6	6x4	9.53X6.35	19	16	71.9	39.9	32	21	35.7



S type

INCH TYPE (S type)

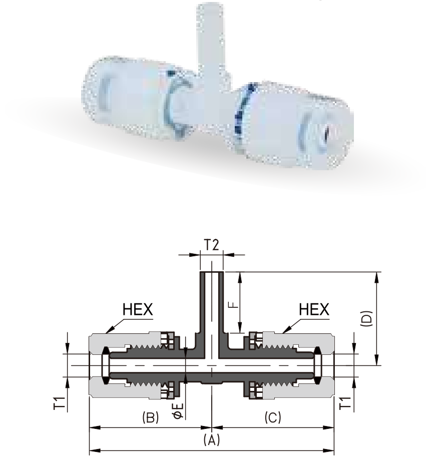
	T1	T2	T3	HEX1	HEX2	HEX3	(A)	(B)	(C)	(D)
RUTA-H3-H4-TH4S	9.53X6.35	12.7X9.53	M12,H4	19	24	24	94.9	42.4	52.5	48.5
RUTA-H3-H2-TH3S	9.53X6.35	6.35X3.95	M8,H3	19	16	19	82.1	39.9	42.2	35.7

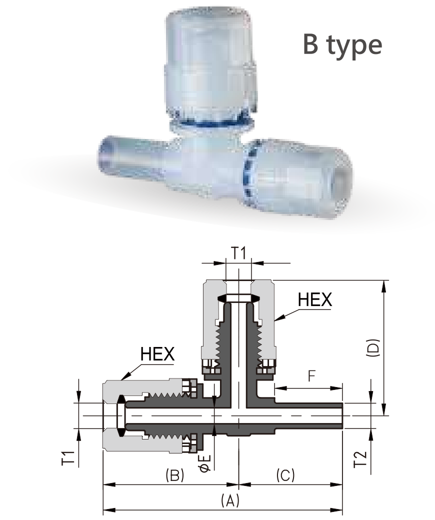
MM TYPE (S type)

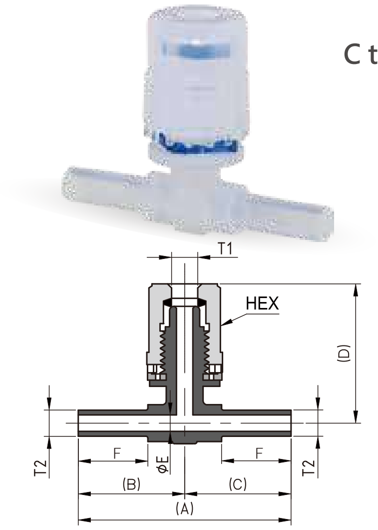
	T1	T2	T3	HEX1	HEX2	HEX3	(A)	(B)	(C)	(D)
RUTA-M8-M12-TH4S	8x6	12x10	M12,H4	19	24	24	94.9	42.4	52.5	48.5
RUTA-M8-M6-TH3S	8x6	6x4	M8,H3	19	16	19	82.1	39.9	42.2	35.7

所有尺寸謹供參考
"T1" "T2"為適用之管的管外徑及管內徑，特殊品接受訂製

UTA (T type) 同徑三通接頭轉直管


A type


B type


C type

尺寸單位：公厘

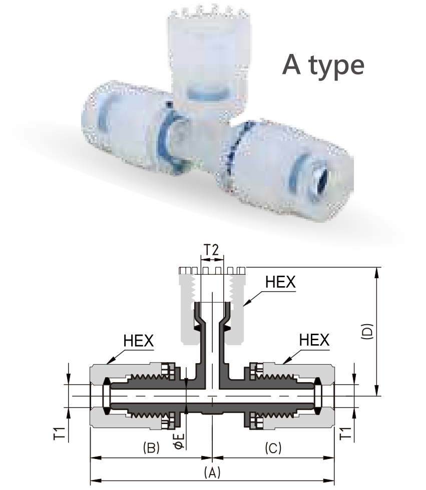
INCH TYPE

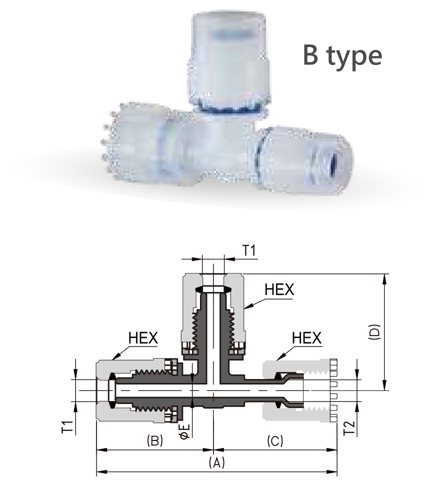
	Type	T1	T2	HEX	(A)	(B)	(C)	(D)	ØE	F	w
UTA-H2-TH2-H2	A	6.35X3.95	6.35X3.95	16	67.4	33.7	33.7	26	4	17	10
UTA-TH2-H2-TH2	C	"	"	"	52	26	26	33.7	"	"	"
UTA-H3-TH3-H3	A	9.53X6.35	9.53X6.35	19	79.7	39.9	39.9	32	6.3	21	14
UTA-H4-TH4-H4	A	12.7x9.53	12.7x9.53	24	97.0	48.5	48.5	39	10	25	18
UTA-H6-TH6-H6	A	19.05X15.8	19.05X15.8	32	122	61	61	49	16	31	27
UTA-H6-H6-TH6	B	"	"	"	110	"	49	61	"	"	"

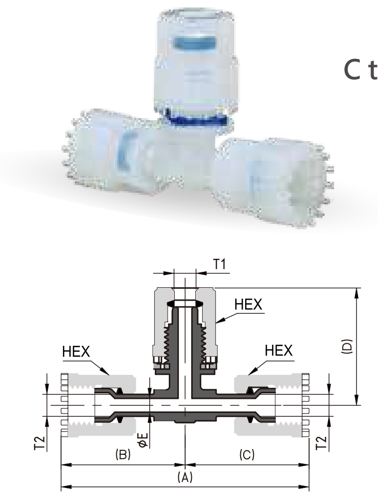
MM TYPE

	Type	T1	T2	HEX	(A)	(B)	(C)	(D)	ØE	F	w
UTA-M6-TH2-M6	A	6X4	6.35X3.95	16	67.4	33.7	33.7	26	4	17	10
UTA-TH2-M6-TH2	C	"	"	"	52	26	26	33.7	"	"	"
UTA-M8-TH3-M8	A	8X6	9.53X6.35	19	79.7	39.9	39.9	32	6.3	21	14
UTA-M12-TH4-M12	A	12x10	12.7x9.53	24	97.0	48.5	48.5	38.5	10	25	18
UTA-M19-TH6-M19	A	19X15.8	19.05X15.8	32	122	61	61	49	16	31	27
UTA-M19-M19-TH6	B	"	"	"	110	"	49	61	"	"	"

UTA (S type) 同徑三通接頭轉直管


A type


B type


C type

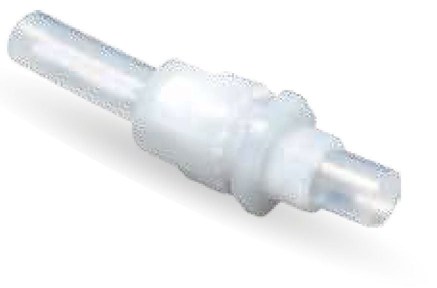
INCH TYPE

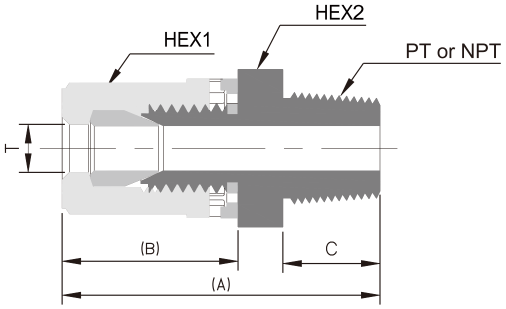
	Type	T1	T2	HEX	(A)	(B)	(C)	(D)	ØE	w
UTA-H2-TH2S-H2	A	6.35X3.95	M6,H2	16	67.4	33.7	33.7	37.4	4	10
UTA-TH2S-H2-TH2S	C	"	"	"	74.8	37.4	37.4	33.7	"	"
UTA-H3-TH3S-H3	A	9.53X6.35	M8,H3	19	79.7	39.9	39.9	42.2	6.3	14
UTA-H4-TH4S-H4	A	12.7x9.53	M12,H4	24	97.0	48.5	48.5	52.5	10	18
UTA-H6-TH6S-H6	A	19.05X15.8	M19,H6	32	122	61	61	65	16	27
UTA-H6-H6-TH6S	B	"	"	"	126	"	65	61	"	"

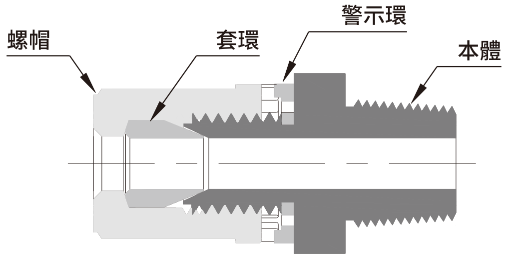
MM TYPE

	Type	T1	T2	HEX	(A)	(B)	(C)	(D)	ØE	w
UTA-M6-TH2-M6	A	6X4	M6,H2	16	67.4	33.7	33.7	37.4	4	10
UTA-TH2-M6-TH2	C	"	"	"	74.8	26	37.4	33.7	"	"
UTA-M8-TH3-M8	A	8X6	M8,H3	19	79.7	39.9	39.9	42.2	6.3	14
UTA-M12-TH4-M12	A	12x10	M12,H4	24	97.0	48.5	48.5	52.5	10	18
UTA-M19-TH6-M19	A	19X15.8	M19,H6	32	122	61	61	65	16	27
UTA-M19-M19-TH6	B	"	"	"	126	"	65	61	"	"

MCT管節套接頭







尺寸單位：公厘

INCH+NPT TYPE

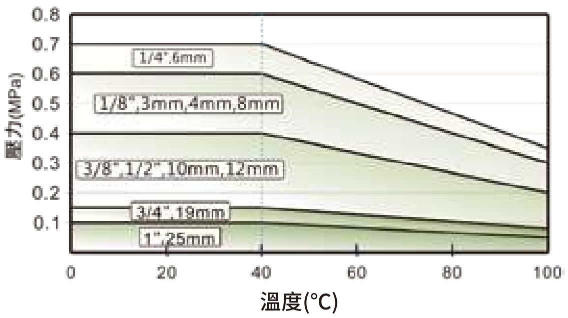
	T	NPT	HEX1	HEX2	(A)	(B)	C
MCT-H1-N1	3.18X2.18	1/8"	11	13	32.3	17.3	9
MCT-H2-N1	6.35X3.95	"	16	20	38.2	23.2	"
MCT-H2-N2	"	1/4"	"	"	42.2	"	13
MCT-H2-N3	"	3/8"	"	"	"	"	"
MCT-H3-N3	9.53X6.35	"	19	23	46.4	27.4	"
MCT-H3-N4	"	1/2"	"	"	50.2	"	16.8
MCT-H4-N4	12.7X9.53	"	24	29	57.1	33.0	"
MCT-H4-N6		3/4"	"	"	57.4	"	17.1
MCT-H6-N6	19.05X15.8	"	32	38	64.9	40.5	"
MCT-H6-N8	"	1"	"	"	69.2	40.5	21.4
MCT-H8-N8	25.4X22.2	"	41	49	76.2	47.5	"

INCH+PT TYPE

	T	PT	HEX1	HEX2	(A)	(B)	C
MCT-H1-R1	3.18X2.18	1/8"	11	13	32.3	17.3	9
MCT-H2-R1	6.35X3.95	"	16	20	38.2	23.2	"
MCT-H2-R2	"	1/4"	"	"	42.2	"	13
MCT-H2-R3	"	3/8"	"	"	"	"	"
MCT-H3-R3	9.53X6.35	"	19	23	46.4	27.4	"
MCT-H3-R4	"	1/2"	"	"	50.2	"	16.8
MCT-H4-R4	12.7X9.53	"	24	29	57.1	33.0	"
MCT-H4-R6	"	3/4"	"	"	57.4	"	17.1
MCT-H6-R6	19.05X15.8	"	32	38	64.9	40.5	"
MCT-H6-R8	"	1"	"	"	69.2	"	21.4
MCT-H8-R8	25.4X22.2	"	41	49	76.2	47.5	"

MM+PT TYPE

	T	PT	HEX1	HEX2	(A)	(B)	C
MCT-M3-R1	3X2	1/8"	11	13	32.3	17.3	9
MCT-M4-R1	4X3	"	"	"	"	"	"
MCT-M4-R2	"	1/4"	"	"	36.3	"	13
MCT-M6-R1	6X4	1/8"	16	20	38.2	23.2	9
MCT-M6-R2	"	1/4"	"	"	42.2	"	13
MCT-M6-R3	"	3/8"	"	"	"	"	"
MCT-M8-R2	8X6	1/4"	19	23	46.4	27.4	13
MCT-M8-R3	"	3/8"	"	"	"	"	"
MCT-M8-R4	"	1/2"	"	"	50.2	"	16.8
MCT-M10-R3	10x8	3/8"	"	"	46.4	"	13
MCT-M10-R4	"	1/2"	"	"	50.2	"	16.8
MCT-M12-R4	12x10	"	24	29	57.1	33.0	"
MCT-M12-R6	"	3/4"	"	"	57.4	"	17.1
MCT-M19-R6	19X15.8	"	32	38	64.9	40.5	"
MCT-M19-R8	"	1"	"	"	69.2	"	21.4
MCT-M25-R8	25X22	"	41	49	76.2	47.5	"



使用方法：

1.請將管依照螺帽、套圈、本體的順序貫穿

2.鎖緊到螺帽突起部和click gauge接觸並發出聲音即完成

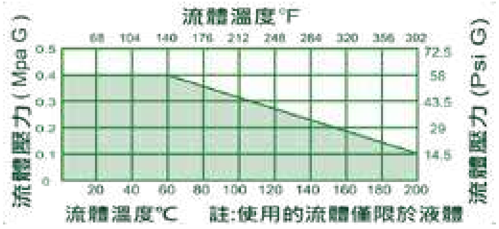
所有尺寸謹供參考
"T"為適用之管的管外徑及管內徑
特殊品接受訂製

尺寸單位：公厘

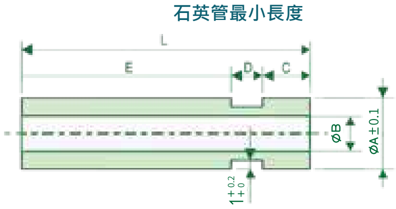
石英管專用接頭

性能表

使用溫度	°C	0~60	61~100	100~200
使用壓力	MpaG	0.4	0.2	0.1



適用石英管

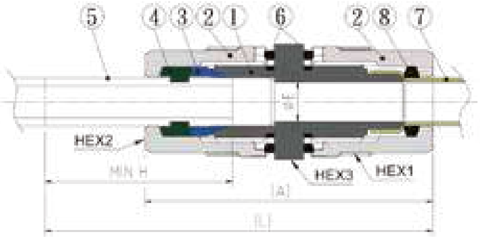


石英管規格	ΦA	ΦB	C	D	E	L
Φ8×Φ4	8	4	6	4	31	41
Φ10xΦ6	10	6	9	4.5	26.5	40
Φ12×Φ8	12	8	11	5	32.6	48.6
Φ16xΦ12	16	12	13	6	42.4	61.4
Φ19xΦ15	19	15	13.5	6.5	41.6	61.6
Φ20xΦ16	20	16	13.5	6.5	42.5	62.5
Φ25xΦ20	25	20	23	8	43.75	74.75

剖面結構圖

部位代號	品名		Material
	英文	中文	
1	Body	本體	PFA
2	Nut	螺帽	PFA
3	Ferrule	套環	PTFE
4	Stopper	擋板	PFA
5	Quartz Glass Tube	石英管	Quartz
6	Click Gauge	鎖緊標準環	ETFE
7	PFA Tube	PFA管	PFA
8	Compression Ring	迫緊環	PVDF/PPS

RU-Q



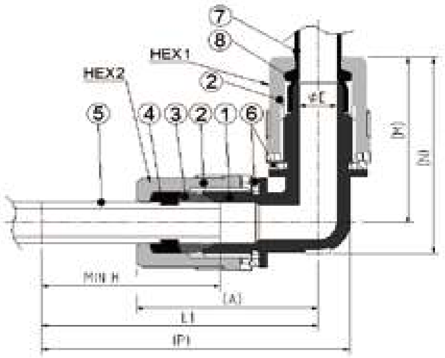
INCH TYPE

	石英管		PFA管		HEX1	HEX2	HEX3	(L)	(A)	H	ØE
	外徑	內徑	外徑	內徑							
RU-QM8-H3	8	4	9.53	6.35	19	19	23	83	60.7	41	6.3
RU-QM12-H4	12	8	12.7	9.53	24	24	29	99.9	73.3	48.6	10
RU-QM16-H6	16	12	19.05	15.8	32	32	38	122.7	88.3	61.4	16
RU-QM19-H6	19	15	19.05	15.8	"	"	"	122.9	"	61.6	"
RU-QM20-H6	20	16	19.05	15.8	"	"	"	122.8	"	62.5	"
RU-QM25-H8	25	20	25.4	22.2	41	41	49	142.3	102.3	74.8	22

MM TYPE

	石英管		PFA管		HEX1	HEX2	HEX3	(L)	(A)	H	ØE
	外徑	內徑	外徑	內徑							
RU-QM8-M8	8	4	8	6	19	19	23	83	60.7	41	6.3
RU-QM10-M10	10	6	10	8	"	"	"	82.5	"	40	8
RU-QM12-M12	12	8	12	10	24	24	29	99.9	73.3	48.6	10
RU-QM16-M19	16	12	19	15.8	32	32	38	122.7	88.3	61.4	16
RU-QM19-M19	19	15	19	15.8	"	"	"	122.9	"	61.6	"
RU-QM20-M19	20	16	19	15.8	"	"	"	122.8	"	62.5	"
RU-QM25-M25	25	20	25	22	41	41	49	142.3	102.3	74.8	22

RUE-Q



INCH TYPE

	石英管		PFA管		HEX1	HEX2	(P)	(A)	H	L1	(M)	(N)	ØE
	外徑	內徑	外徑	內徑									
RUE-QM8-H3	8	4	9.53	6.35	19	19	68.9	39.9	41	61.9	39.9	46.9	6.3
RUE-QM12-H4	12	8	12.7	9.53	24	24	84.1	48.5	48.6	75.1	48.5	57.5	10
RUE-QM16-H6	16	12	19.05	15.8	32	32	107.4	61	61.4	94.4	61	74.5	16
RUE-QM19-H6	19	15	19.05	15.8	"	"	107.6	"	61.6	94.6	"	"	"
RUE-QM20-H6	20	16	19.05	15.8	"	"	108.5	"	62.5	95	"	"	"
RUE-QM25-H8	25	20	25.4	22.2	41	41	129.5	73	74.8	112.5	73	90	22

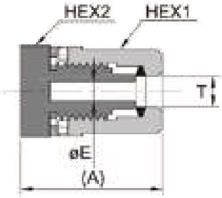
MM TYPE

	石英管		PFA管		HEX1	HEX2	(P)	(A)	H	L1	(M)	(N)	ØE
	外徑	內徑	外徑	內徑									
RUE-QM8-M8	8	4	8	6	19	19	68.9	39.9	41	61.9	39.9	46.9	6.3
RUE-QM10-M10	10	6	10	8	"	"	"	"	40	"	"	"	8
RUE-QM12-M12	12	8	12	10	24	24	84.1	48.5	48.6	75.1	48.5	57.5	10
RUE-QM16-M19	16	12	19	15.8	32	32	107.4	61	61.4	94.4	61	74.5	16
RUE-QM19-M19	19	15	19	15.8	"	"	107.6	"	61.6	94.6	"	"	"
RUE-QM20-M19	20	16	19	15.8	"	"	108.52	"	62.5	95	"	"	"
RUE-QM25-M25	25	20	25	22	41	41	129.5	73	74.8	112.5	73	90	22

所有尺寸僅供參考，特殊品接受訂製

CP蓋

尺寸單位：公厘



INCH TYPE

	T	HEX1	HEX2	(A)	ØE
CP-H2	6.35X3.95	16	20	29.2	4
CP-H3	9.53X6.35	19	23	33.4	6.3
CP-H4	12.7X9.53	24	29	40.3	10
CP-H6	19.05X15.8	32	38	47.8	16
CP-H8	25.4X22.2	41	49	54.8	22
CP-H10	31.8X28	50	60	75.7	28
CP-H12	38.1X33.7	60	70	83	33.7

MM TYPE

	T	HEX1	HEX2	(A)	ØE
CP-M6	6X4	16	20	29.2	4
CP-M8	8X6	19	23	33.4	6.3
CP-M10	10X8	"	"	"	8
CP-M12	12X10	24	29	40.3	10
CP-M19	19X15.8	32	38	47.8	16
CP-M25	25X22	41	49	54.8	22

E接頭終端蓋

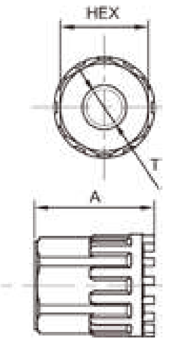
INCH TYPE

	T	C
E-H1X10	3.18X2.18	7
E-H2X10	6.35X3.95	9.4
E-H3X10	9.53X6.35	13.7
E-H4X10	12.7X9.53	15.8
E-H6X10	19.05X15.8	17.6
E-H8X10	25.4X22.2	22.5
E-H10X10	31.8X28	30.5
E-H12X10	38.1X33.7	34

MM TYPE

	T	C
E-M3X10	3X2	7
E-M4X10	4X3	"
E-M6X10	6X4	9.4
E-M8X10	8X6	13.7
E-M10X10	10X8	12
E-M12X10	12X10	15.8
E-M19X10	19X15.8	17.6
E-M25X10	25X22	22.5

UN螺帽



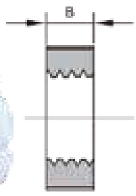
INCH TYPE

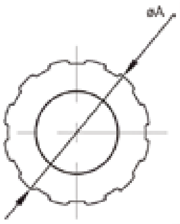
	T	A	HEX
UN-H1X10	3.18X2.18	16.3	11
UN-H2X10	6.35X3.95	21.7	16
UN-H3X10	9.53X6.35	25.9	19
UN-H4X10	12.7X9.53	31	24
UN-H6X10	19.05X15.8	38.5	32
UN-H8X5	25.4X22.2	45.5	41
UN-H10	31.8X28	60.7	50
UN-H12	38.1X33.7	68	60

MM TYPE

	T	A	HEX
UN-M3X10	3X2	16.3	11
UN-M4X10	4X3	"	"
UN-M6X10	6X4	21.7	16
UN-M8X10	8X6	25.9	19
UN-M10X10	10X8	25.9	"
UN-M12X10	12X10	31	24
UN-M19X10	19X15.8	38.5	32
UN-M25X5	25X22	45.5	41

HN半螺帽





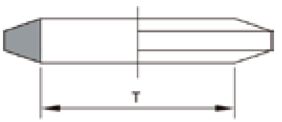
INCH TYPE

	T	ØA	B
HN-H1	3.18X2.18	12.5	5
HN-H2	6.35X3.95	18.5	6
HN-H3	9.53X6.35	22	"
HN-H4	12.7X9.53	27.7	7.3
HN-H6	19.05X15.8	37	"
HN-H8	25.4X22.27	50.1	"

MM TYPE

	T	ØA	B
HN-M3X10	3X2	12.5	5
HN-M4X10	4X3	"	"
HN-M6X10	6X4	18.5	6
HN-M8/M10X10	8X6/10X8	22	"
HN-M12X10	12X10	27.7	7.3
HN-M19X10	19X15.8	37	"
HN-M25X10	25X22	50.1	"

RI迫緊環



材質:PVDF

INCH TYPE

	T
RI-H1VX10	3.18X2.18
RI-H2VX10	6.35X3.95
RI-H3VX10	9.53X6.35
RI-H4VX10	12.7X9.53
RI-H6VX10	19.05X15.8
RI-H8VX10	25.4X22.2
RI-H10VX10	31.8X28
RI-H12VX10	38.1X33.7

MM TYPE

	T
RI-M3VX10	3x2
RI-M4VX10	4x3
RI-M6VX10	6X4
RI-M8VX10	8X6
RI-M10VX10	10X8
RI-M12VX10	12X10
RI-M19VX10	19X15.8
RI-M25VX10	25X22

材質:PVDF

INCH TYPE

	T
RI-H1SX10	3.18X2.18
RI-H2SX10	6.35X3.95
RI-H3SX10	9.53X6.35
RI-H4SX10	12.7X9.53
RI-H6SX10	19.05X15.8
RI-H8SX10	25.4X22.2
RI-H10SX10	31.8X28
RI-H12SX10	38.1X33.7

MM TYPE

	T
RI-M6SX10	6X4
RI-M8SX10	8X6
RI-M10SX10	10X8
RI-M12SX10	12X10
RI-M19SX10	19X15.8
RI-M25SX10	25X22

所有尺寸僅供參考，"T" 為適用之管的管外徑及管內徑

特殊擴孔治具

熱擴孔治具

務必請使用專用把手進行冷擴加工，熱擴孔雖為基本，但也有冷擴孔的可能。

(1 1/4”,1 1/2”僅做熱擴孔, 1/8”,3mm, 4mm僅做冷擴孔)

FITTING的接續方法請遵照操作說明指示

▲ JA

▲ BA

Tube 尺寸		應用的治具	
Inch 系列	mm 系列	治具	治具基底 NO.
1/4" (6.35x3.95)	6x4	JA-H2/M6	BA-1
3/8" (9.53x6.35)	8x6	JA-H3/M8	
--	10x8	JA-M10	
1/2" (12.7×9.53)	12x10	JA-H4/M12	BA-2
3/4" (19.05x15.8)	19x15.8	JA-H6/M19	
1" (25.4x22.2)	25x22	JA-H8/M25	
1 1/4" (31.8x28)	--	JA-H10	無需求
1 1/2" (38.1x33.7)	--	JA-H12	

冷擴孔治具

▲ JC

▲ JC-AP

Tube 尺寸		應用的治具	
Inch 系列	mm 系列	治具	附註
1/8" (3.18×2.18)	3x2	JC-H1/M3	JC-AP, 視被需求與否
--	4×3	JC-M4	
1/4" (6.35x3.95)	6x4	JC-H2/M6	
3/8" (9.53x6.35)	--	JC-H3	
--	8×6	JC-M8	
--	10x8	JC-M10	
1/2" (12.7×9.53)	12x10	JC-H4/M12	
3/4" (19.05x15.8)	19x15.8	JC-H6/M19	
1" (25.4x22.2)	25x22	JC-H8/M25	

備註：JC-AP被要求與否，視治具體的形式

如果有JC-AP的需求，歡迎聯繫我們

FIT-ONE 專用特殊板手

▲ SP

▲ SPA

Tube 尺寸		
Inch 系列	mm 系列	板手 no.
1/4" (6.35x3.95)	6x4	SP-H2/M6
3/8" (9.53x6.35)	8×6,10×8	SP-H3/M8/M10
1/2" (12.7×9.53)	12x10	SP-H4/M12
3/4" (19.05x15.8)	19x15.8	SP-H6/M19
1" (25.4x22.2)	25 x22	SP-H8/M25
1 1/4" (31.8x28)	-	SP-H10
1 1/2" (38.1x33.7)	-	SP-H12

Tube 尺寸		
Inch 系列	mm 系列	板手 no.
1/4" (6.35x3.95)	6x4	SPA-H2/M6
3/8" (9.53x6.35)	8×6,10×8	SPA-H3/M8/M10
1/2" (12.7×9.53)	12x10	SPA-H4/M12
3/4" (19.05x15.8)	19x15.8	SPA-H6/M19
1" (25.4x22.2)	25 x22	SPA-H8/M25
1 1/4" (31.8x28)	-	SPA-H10
1 1/2" (38.1x33.7)	-	SPA-H12

攜帶式擴孔加熱器

- 方便攜帶、適用於無塵室
- 安全防止過熱裝置
- 20秒內快速加熱、適用於各類管材控溫系統
- 可抽換治具、尺寸範圍1/4” ~1” （M6~M25）
- 產品規格：電壓110V、300W
  保險絲 4A-500V
  最高使用溫度350°C
  長寬高240×150×150mm、重量6kg

PFA接頭EASY CLEAN FLARE

迫緊環擴孔式接頭

改善擴孔式

- 改善擴孔式旋轉切削PFA管的問題
- 克服拉力不足的問題，安全性大幅提升，是業界最好的接頭

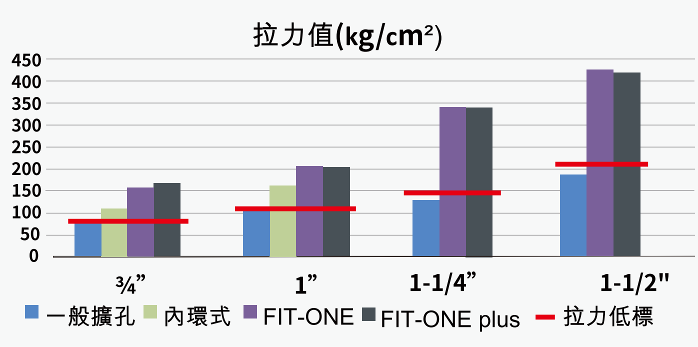
改善入珠式

- 改善入珠式液體殘留或微粒子的汙染
- 改善入珠式不能重複使用的問題

特性

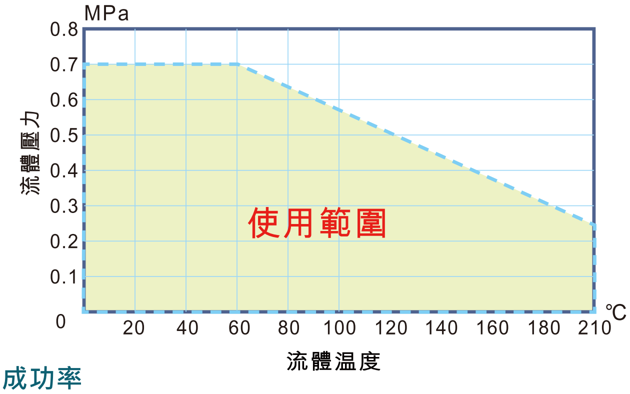
安全可靠 抗脈動壓力的拉力

是目前市面上最好的PFA接頭，不但拉力值超過標準值150%以上，拉力測試時還將管子拉長2倍以上。



耐高溫適用腐蝕藥液特性

FIT-ONE PLUS 環材質為PFA，可使用到210°C。

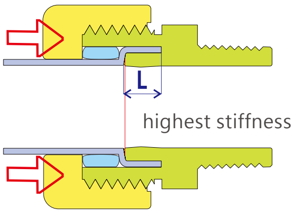


擴孔成功率

同心迫緊環在緊鎖過程，高真圓度密封面不需使用專用擴孔機，可達到90%以上成功率。

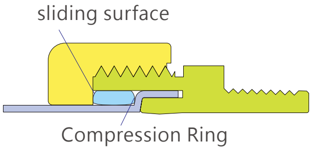
低污染

同心迫緊環，更高迫緊壓力，迫緊面高真圓度，無液體殘留。



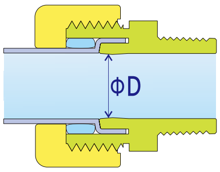
可重複使用

接頭本體支撐同心迫緊環，迫緊面不會有旋轉切削，適合長期重複使用。

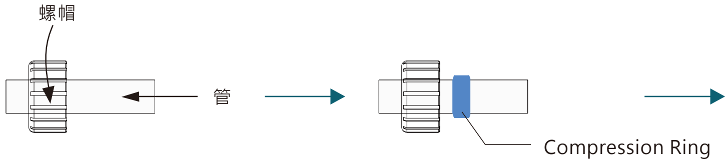


全流量

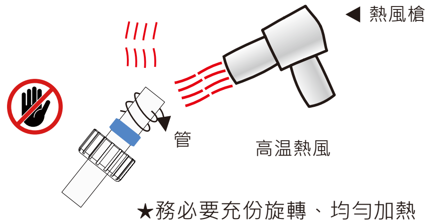
接頭本體支撐同心迫緊環，與迫緊面,內徑均勻微量收縮變形。



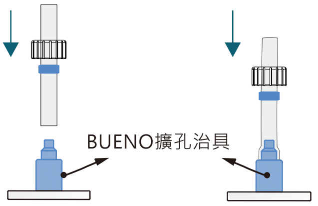
組合方式



先將管套進螺帽，再將 Compression RING 套進管中



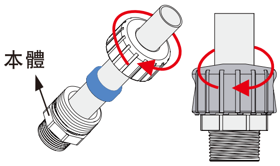
★務必要充份旋轉、均勻加熱



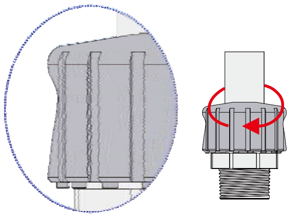
請盡快的將管插入擴孔治具並等到管冷却

（！擴孔治具需使用BUENO專用治具，否則易產生擴孔不良！）

BUENO專用治具擴孔端長度較一般擴孔接頭短



擴完孔後之PFA管套上接頭，並鎖緊螺帽至端部圓柱與法蘭平台重疊高度為止



螺帽膨脹變形即為有正確放置COMPRESSION RING的安全表現

產品編碼原則

P- □□□—□□□□□□

樣式碼　　規格碼

樣式編碼表示接頭的形狀 (例如，MC連接頭等)。
規格碼表示接頭的規格與螺牙型式。

樣式碼

代碼	系列分類	
MC	MALE CONNECTOR	公管牙直通接頭
ME	MALE ELBOW	公管牙90度彎頭
U	UNION	同徑直通接頭
UE	UNION ELBOW	同徑90度彎頭
UT	UNION TEE	同徑三通接頭
SUE	SWEEP ELBOW	流線型90度彎頭
UN	UNION NUT	螺帽
RI	RING	迫緊環

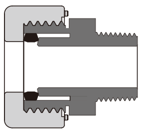
英制規格碼

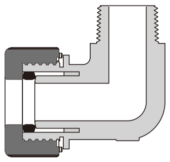
種類	規格	代號
Inch Size	3/8"	H3
	1/2"	H4
	3/4"	H6
	1"	H8
	1 1/4"	H10
	1 1/2"	H12
	2"	H16

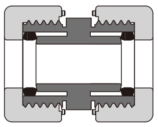
管牙規格碼

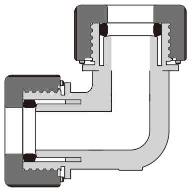
規格	適用管牙代號	
	NPT	PT
1/4"	N2	R2
3/8"	N3	R3
1/2"	N4	R4
3/4"	N6	R6
1"	N8	R8
1 1/4"	N10	R10
1 1/2'	N12	R12
2"	N16	R16

EASY CLEAN FLARE 目錄


MC


ME


U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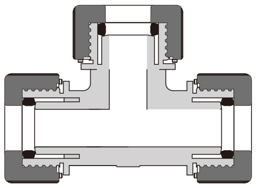
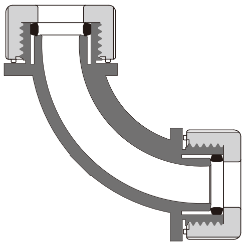
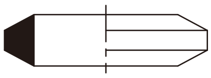
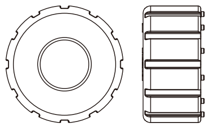
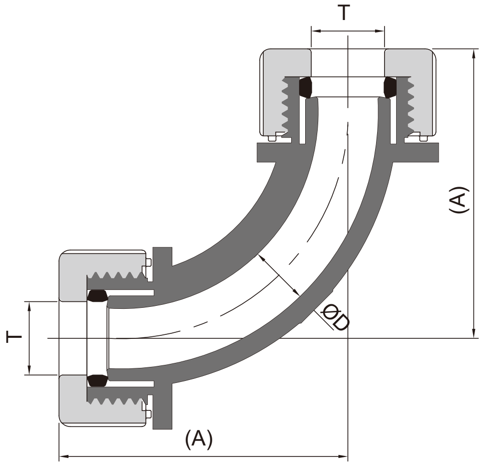

UT


SUE


RI


UN

SUE 流線型90度彎頭



- 減低壓力流量的損失
  →曲線R型流動路徑降低流動管道的阻力
- 節省空間配管
  →曲線設計縮短垂直距離的空間
- 比原90度L型設計，少了彎折，透過平滑曲線的流動，提高了流量，減少了微氣泡問題與殘留問題。

尺寸單位：公厘

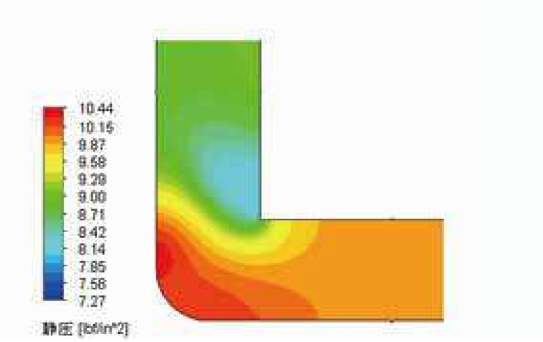
INCH TYPE

	T	ØD	(A)	W
SUE-H3	9.53X6.35	6.3	49.6	17
SUE-H4	12.7X9.53	10	54.6	22.7
SUE-H6	19.05X15.8	16	76.5	27.6
SUE-H8	25.4X22.2	22	98.9	40.6
SUE-H12	38.1X33.7	33.7	134.5	51

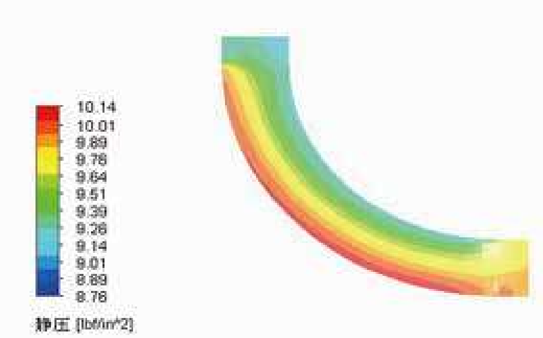
所有尺寸僅供參考
"T"為適用之管的管外徑及管內徑，"W"為接頭本體兩面之寬度

壓力分佈 Pressure Distribution

同徑90度彎頭Union elbow

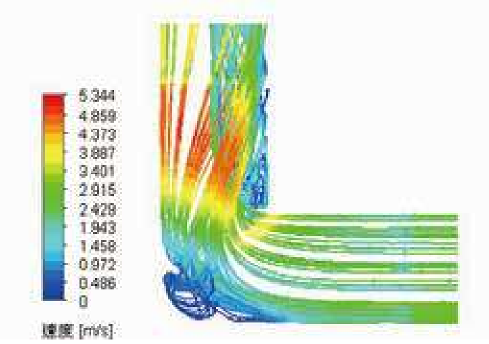


流線型90度彎頭Sweep elbow

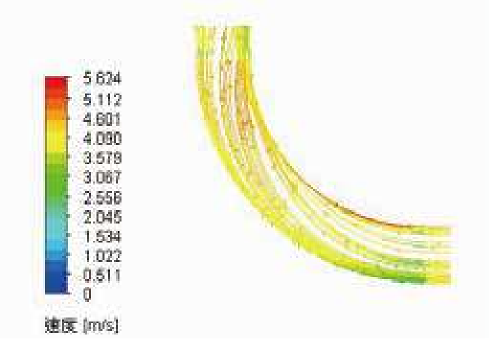


流速Flow Line

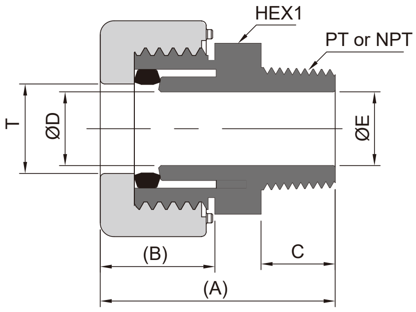
同徑90度彎頭Union elbow



流線型90度彎頭Sweep elbow



MC公管牙直通



尺寸單位：公厘

INCH+NPT TYPE

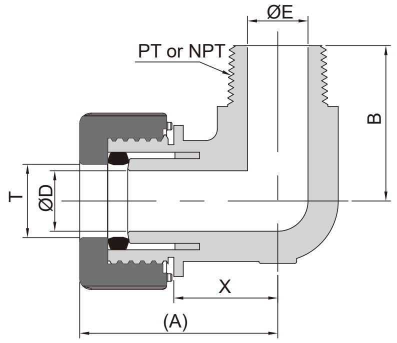
	T	NPT	HEX1	(A)	(B)	C	ØD	ØE
MC-H2-N1	6.35X3.95	1/8"	18	33.5	18.5	9	4	3
MC-H2-N2	"	1/4"	"	37.5	"	13	"	6
MC-H2-N3	"	3/8"	"	"	"	"	"	10
MC-H3-N2	9.53X6.35	1/4"	24	46	23.5	12.5	6.3	6.3
MC-H3-N3	"	3/8"	"	"	"	"	"	10
MC-H3-N4	"	1/2"	"	50.3	"	16.8	"	12
MC-H4-N2	12.7X9.53	1/4"	29	46	23.5	12.5	10	6.3
MC-H4-N3	"	3/8"	"	"	"	"	"	10
MC-H4-N4	"	1/2"	"	50.3	"	16.8	"	12
MC-H4-N6	"	3/4"	"	50.6	"	17.1	"	16
MC-H6-N4	19.05X15.8	1/2"	37	51.7	24.9	16.8	16	12
MC-H6-N6	"	3/4"	"	52	"	17.1	"	16
MC-H6-N8	"	1"	"	56.3	"	21.4	"	22
MC-H8-N6	25.4X22.2	3/4"	44	56.5	29.4	17.1	22	16
MC-H8-N8	"	1"	"	59.8	"	21.4	"	22
MC-H10-N10	31.8x28	1 1/4"	54	69.4	36.4	23	28	28
MC-H12-N12	38.1x33.7	1 1/2"	65	74.4	38.4	26	33.7	33.7

INCH+PT TYPE

	T	NPT	HEX1	(A)	(B)	C	ØD	ØE
MC-H2-N1	6.35X3.95	1/8"	18	33.5	18.5	9	4	3
MC-H2-N2	"	1/4"	"	37.5	"	13	"	6
MC-H2-N3	"	3/8"	"	"	"	"	"	10
MC-H3-R2	9.53X6.35	1/4"	24	46	23.5	12.5	6.3	6.3
MC-H3-R3	"	3/8"	"	"	"	"	"	10
MC-H3-R4	"	1/2"	"	50.3	"	16.8	"	12
MC-H4-R2	12.7X9.53	1/4"	29	46	23.5	12.5	10	6
MC-H4-R3	"	3/8"	"	"	"	"	"	10
MC-H4-R4	"	1/2"	"	50.3	"	16.8	"	12
MC-H4-R6	"	3/4"	"	50.6	"	17.1	"	16
MC-H6-R4	19.05X15.8	1/2"	37	51.7	24.9	16.8	16	12
MC-H6-R6	"	3/4"	"	52	"	17.1	"	16
MC-H6-R8	"	1"	"	56.3	"	21.4	"	22
MC-H8-R6	25.4X22.2	3/4"	44	56.5	29.4	17.1	22	16
MC-H8-R8	"	1"	"	60.8	"	21.4	"	22

所有尺寸謹供參考，"T"為適用之管的管外徑及管內徑

ME公管牙90度彎頭



尺寸單位：公厘

INCH+NPT TYPE

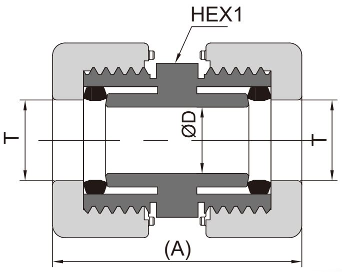
	T	NPT	(A)	(B)	ØD	ØE	W
ME-H2-N2	6.35X3.95	1/4"	32	24	3.95	6	14.5
ME-H2-N3	"	3/8"	"	25	"	10	"
ME-H2-N4	"	1/2"	"	30.8	"	12	"
ME-H3-N2	9.53X6.35	1/4"	44.5	31.5	6.3	6.3	23
ME-H3-N3	"	3/8"	"	"	"	10	"
ME-H3-N4	"	1/2"	"	35.8	"	12	"
ME-H4-N2	12.7X9.53	1/4"	47	34	10	6.3	27
ME-H4-N3	"	3/8"	"	"	"	10	"
ME-H4-N4	"	1/2"	"	38.3	"	12	"
ME-H4-N6	"	3/4"	"	38.6	"	16	"
ME-H6-N4	19.05X15.8	1/2"	52.4	41.8	16	12	33
ME-H6-N6	"	3/4"	"	42.1	"	16	"
ME-H8-N6	25.4X22.2	"	58.9	44.1	22	"	41
ME-H8-N8	"	1"	"	48.4	"	22	"

INCH+PT TYPE

	T	PT	(A)	(B)	ØD	ØE	W
ME-H2-R1	9.53X6.35	1/4"	32	24	3.95	6	14.5
ME-H2-R2	"	3/8"	"	25	"	10	"
ME-H2-R3	"	1/2"	"	30.8	"	12	"
ME-H3-R2	9.53X6.35	1/4"	44.5	31.5	6.3	6.3	23
ME-H3-R3	"	3/8"	"	"	"	10	"
ME-H3-R4	"	1/2"	"	35.8	"	12	"
ME-H4-R2	12.7X9.53	1/4"	47	34	10	6.3	27
ME-H4-R3	"	3/8"	"	"	"	10	"
ME-H4-R4	"	1/2"	"	38.3	"	12	"
ME-H4-R6	"	3/4"	"	38.6	"	16	"
ME-H6-R4	19.05X15.8	1/2"	52.4	41.8	16	12	33
ME-H6-R6	"	3/4"	"	42.1	"	16	"
ME-H8-R6	25.4X22.2	"	58.9	44.1	22	"	41
ME-H8-R8	"	1"	"	48.4	"	22	"

所有尺寸僅供參考，"T"為適用之管的管外徑及管內徑，"W"為接頭本體兩面之寬度

U同徑直通

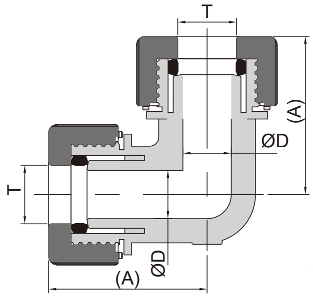


尺寸單位：公厘

INCH TYPE	T	HEX1	(A)	ØD
U-H2	6.35X3.95	18	43	4
U-H3	9.53X6.35	24	57	6.3
U-H4	12.7X9.53	29	57	10
U-H6	19.05X15.8	37	59.8	16
U-H8	25.4X22.2	44	68.8	22
U-H10	31.8X28	54	82.8	28
U-H12	38.1X33.7	65	86.8	33.7

所有尺寸謹供參考，"T"為適用之管的管外徑及管內徑

UE同徑90度彎頭

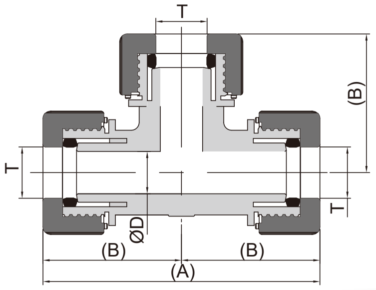


尺寸單位：公厘

INCH TYPE	T	(A)	ØD	W
UE-H2	6.35X3.95	32	3.95	14.5
UE-H3	9.53X6.35	44.5	6.35	23
UE-H4	12.7X9.53	47	10	27
UE-H6	19.05X15.8	52.4	16	33
UE-H8	25.4X22.2	58.9	22	41
UE-H10	31.8X28	75.4	28	49
UE-H12	38.1X33.7	82.4	33.7	57

所有尺寸僅供參考
"T"為適用之管的管外徑及管內徑
"W"為接頭本體兩面之寬度

UT同徑三通

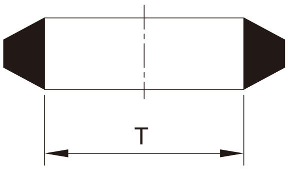


尺寸單位：公厘

INCH TYPE	T	ØD	(A)	(B)	W
UT-H2	6.35X3.95	4	64	32	14.5
UT-H3	9.53X6.35	6.3	89	44.5	23
UT-H4	12.7X9.53	10	94	47	27
UT-H6	19.05X15.8	16	104.8	52.4	33
UT-H8	25.4X22.2	22	117.8	58.9	41
UT-H10	31.8X28	28	150.8	75.4	49
UT-H12	38.1X33.7	33.7	164.8	82.4	57

所有尺寸僅供參考
"T"為適用之管的管外徑及管內徑
"W"為接頭本體兩面之寬度

RI 迫緊環

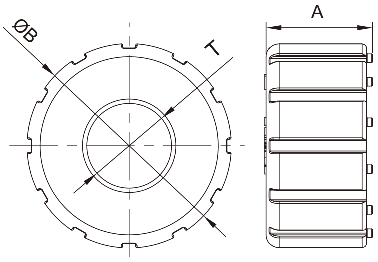


尺寸單位：公厘

MAT" L : PFA INCH TYPE	
	T
RI-H2VX10	6.35X3.95
RI-H3VX10	9.53X6.35
RI-H4VX10	12.7X9.53
RI-H6VX10	19.05X15.8
RI-H8VX10	25.4X22.2
RI-H10V	31.8X28
RI-H12V	38.1X33.7

所有尺寸謹供參考，"T"為適用之管的管外徑及管內徑

UN 螺帽



尺寸單位：公厘

INCH TYPE			
	T	A	ØB
UN-H2X10	6.35X3.95	18	22.8
UN-H3X10	9.53X6.35	22.9	32.8
UN-H4X10	12.7X9.53	22.9	38.3
UN-H6X10	19.05X15.8	24.4	46.8
UN-H8X5	25.4X22.2	28.9	54.6
UN-H10	31.8X28	35.9	64.4
UN-H12	38.1X33.7	37.9	74.7

所有尺寸謹供參考，"T"為適用之管的管外徑及管內徑

熱擴孔治具

Tube 尺寸	應用的治具	
INCH 系列	治具	治具基底 NO.
1/4''(6.35X3.95)	JA2-H2	BA-1
3/8''(9.53x6.35)	JA2-H3	
1/2''(12.7x9.53)	JA2-H4	BA-2
3/4''(19.05x15.8)	JA2-H6	
1''(25.4x22.2)	JA2-H8	
1 1/4''(31.8x28)	JA2-H10	無需求
1 1/2''(38.1x33.7)	JA2-H12	

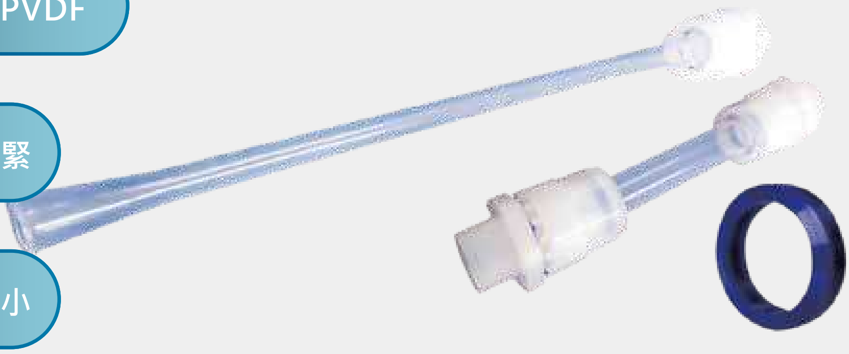
杜體增加溝槽為與FIT-ONE熱擴治具的區別

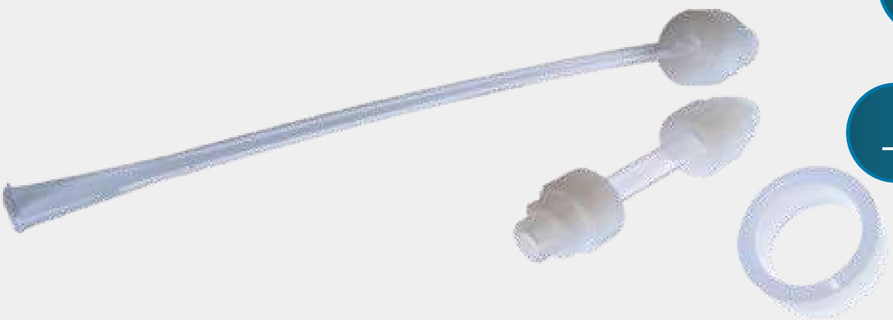
EASY CLEAN FLARE專用特殊板手

Tube 尺寸 INCH 系列	應用的治具
1/4''(6.35X3.95)	SP2-H2
3/8''(9.53x6.35)	SP2-H3
1/2''(12.7x9.53)	SP2-H4
3/4''(19.05x15.8)	SP2-H6
1''(25.4x22.2)	SP2-H8
1 1/4''(31.8x28)	SP2-H10
1 1/2''(38.1x33.7)	SP2-H12

FIT-ONE與EASY CLEAN FLARE的差異

- 耐溫150°C
- 迫緊環材質PVDF
- 升溫需再鎖緊
- 體積外徑較小
- 有鎖緊指示環





- 耐溫200°C
- 迫緊環材質PFA
- 上線後不需再鎖緊
- 體積長度較短
- 沒有鎖緊指示環

PFA開關閥

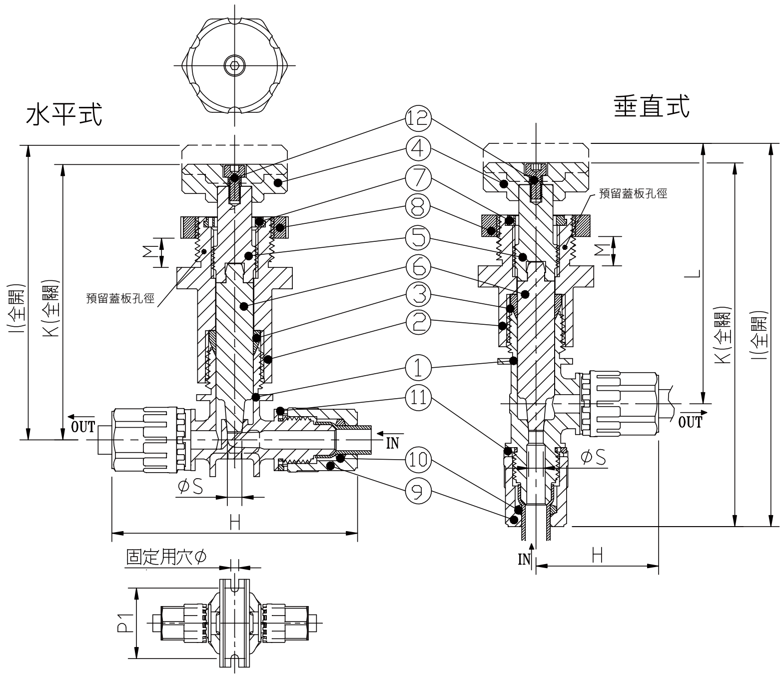
部品No.	品　名	材　質	數　量
01	本體	PFA	1
02	開關端螺帽	PP	1
03	逼緊環 (開關端)	PTFE	1
04	軸心把手部	PP	1
05	軸心中間部	PP	1
06	軸心針頭部	PFA	1
07	止推墊片	PP	1
08	鎖緊螺帽 (半螺帽)	PFA	1
09	螺帽 (Tube端)	PFA	2
10	逼緊環	PVDF	2
11	鎖緊標準環	ETFE	2
12	六角承窩螺栓	PPS	1

性能表

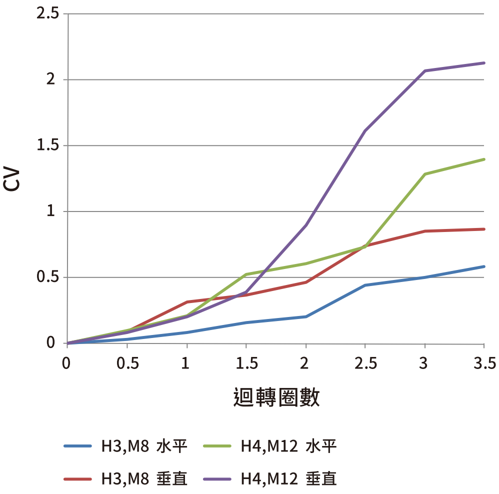
作動方式	手動
接續方式	FIT-ONE
最高使用壓力	0.7MPa
最高使用溫度	100℃
環境溫度	60℃

測試條件

流體	清水
入口壓力	0.12MPa
溫度	25℃
流道直徑	ØS



CV值性能曲線



※此性能曲線為參考值 非規格標準值

尺寸單位：公厘

NO.	SIZE	ØS	I (Ref.)	K (Ref.)	J	H	L	P1	固定用穴Ø	預留蓋板孔徑Ø	M	INLET/OUTLET	承窩螺栓
JHAW-M12	M12	8	114.5	107.3	/	106	/	48	7	38	Max. 10	12x10	M6xP1x10L
JHAW-H4	1/2"	8	114.5	107.3	/	106	/	48	7	38	Max. 10	12.7x9.53	M6xP1x10L
JHAW-M8	M8	5	100.8	94.3	/	84.7	/	40	4.5	29	Max. 10	8x6	M4xP0.7x8L
JHAW-H3	3/8"	5	100.8	94.3	/	84.7	/	40	4.5	29	Max. 10	9.53x6.35	M4xP0.7x8L
JHA-M12	M12	8	152.9	145.7	27	53	99.9	/	/	38	Max. 10	12x10	M6xP1x10L
JHA-H4	1/2"	8	152.9	145.7	27	53	99.9	/	/	38	Max. 10	12.7x9.53	M6xP1x10L
JHA-M8	M8	5	131.4	124.8	18	42.4	89.0	/	/	29	Max. 10	8x6	M4xP0.7x8L
JHA-H3	3/8"	5	131.4	124.8	18	42.4	89.0	/	/	29	Max. 10	9.53x6.35	M4xP0.7x8L

J為本體兩面寬度

PFA針閥

部品No.	品　名	材　質	數　量
01	本體	PFA	1
02	軸心	PFA	1
03	逼緊環 (開關端)	PTFE	1
04	螺帽 (開關端)	PP	1
05	止推墊片	PP	1
06	鎖緊螺帽	PFA	1
07	螺帽 (Tube端)	PFA	2
08	逼緊環	PVDF	2
09	鎖緊標準環	ETFE	2

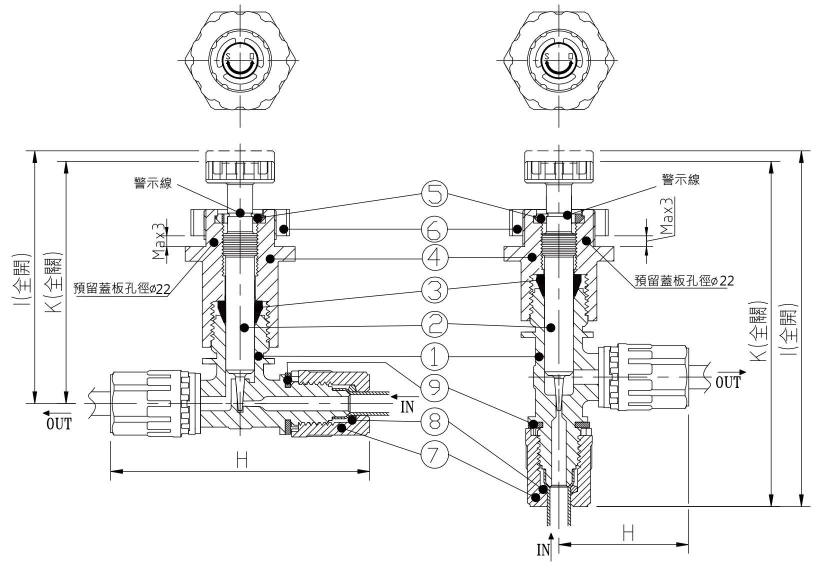
性能表

作動方式	手動
接續方式	FIT-ONE
最高使用壓力	0.7MPa
最高使用溫度	100℃
環境溫度	60℃

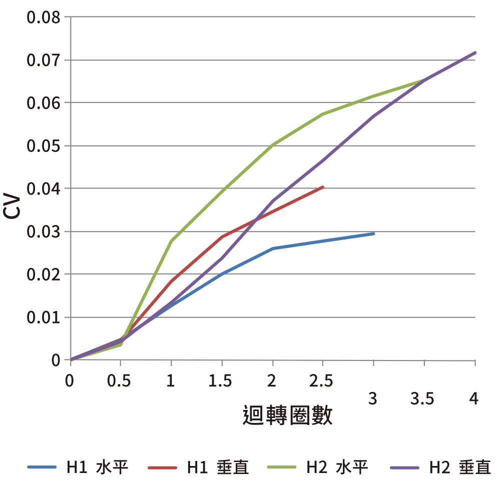
測試條件

流體	清水
入口壓力	0.12MPa
溫度	25℃
流道直徑	Ø1.6mm

水平式　　垂直式



CV值性能曲線



※此性能曲線為參考值 非規格標準值

尺寸單位：公厘

	NO.	SIZE	ØS	I (Ref.)	K (Ref.)	J	M	H	預留蓋板孔徑Ø	INLET/OUTLET
水平式	JHAW-M6	M6	1.6	70.1	67.2	14	Max. 3	71.4	22	6x4
	JHAW-H2	H2	1.6	70.1	67.2	14	Max. 3	71.4	22	6.35x3.95
	JHAW-M3	M3	1.6	70.1	67.2	14	Max. 3	58.6	22	3x2
	JHAW-H1	H1	1.6	70.1	67.2	14	Max. 3	58.6	22	3.18x2.18
垂直式	JHA-M6	M6	1.6	98.5	95.6	14	Max. 3	35.7	22	6x4
	JHA-H2	H2	1.6	98.5	95.6	14	Max. 3	35.7	22	6.35x3.95
	JHA-M3	M3	1.6	92.1	89.1	14	Max. 3	29.3	22	3x2
	JHA-H1	H1	1.6	92.1	89.1	14	Max. 3	29.3	22	3.18x2.18

J為本體兩面寬度

PFA針閥（軸心分段型）

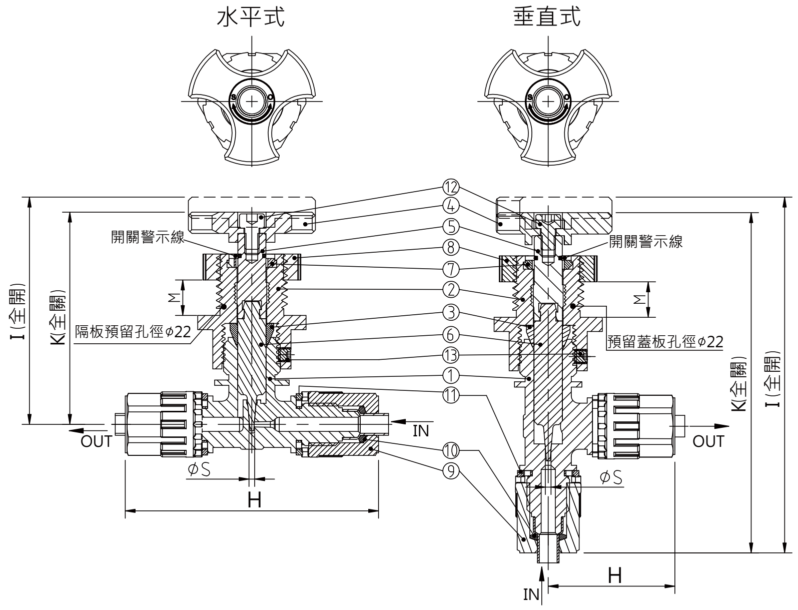
部品No.	品　名	材　質	數 量
01	本體	PFA	1
02	開端端螺帽	PP	1
03	逼緊還(開關端)	PTFE	1
04	軸心把手部	PP	1
05	軸心中間部	PP	1
06	軸心針頭部	PFA	1
07	止推墊片	PP	1
08	鎖緊螺帽(半螺帽)	PFA	1
09	螺帽(Tube端)	PFA	2
10	逼緊環	PVDF	2
11	鎖緊標準環	ETFE	2
12	六角承窩螺栓	PPS	1
13	止付螺絲	PPS	1

性能表

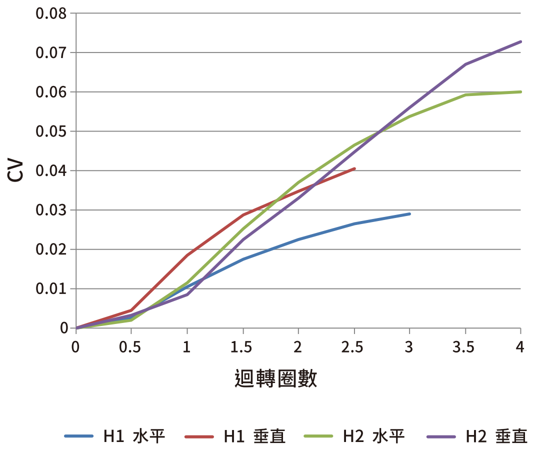
作動方式	手動
接續方式	FIT-ONE
最高使用壓力	0.7MPa
最高使用溫度	100℃
環境溫度	60℃

測試條件

流體	清水
入口壓力	0.12MPa
溫度	25℃
流道直徑	Ø1.6mm



CV值性能曲線



※此性能曲線為參考值 非規格標準值

尺寸單位：公厘

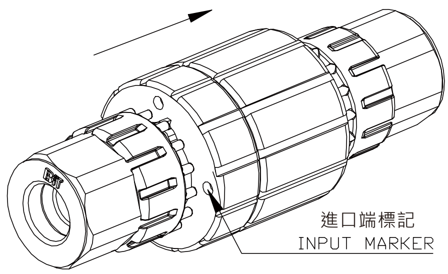
	NO.	SIZE	ØS	I (Ref.)	K (Ref.)	J	H	L	預留蓋板孔徑Ø	M	INLET/OUTLET	六角承窩螺栓
水平式	JHAWS-M6	M6	1.6	64	59.8	14	71.4	/	22	Max.10	6x4	M4xP0.7x6L
	JHAWS-H2	H2	1.6	64	59.8	14	71.4	/	22	Max.10	6.35x3.95	M4xP0.7x6L
	JHAWS-M3	M3	1.6	64	59.8	14	58.6	/	22	Max.10	3x2	M4xP0.7x6L
	JHAWS-H1	H1	1.6	64	59.8	14	58.6	/	22	Max.10	3.18x2.18	M4xP0.7x6L
垂直式	JHAS-M6	M6	1.6	98.5	91.7	14	35.7	62.8	22	Max.10	6x4	M4xP0.7x6L
	JHAS-H2	H2	1.6	98.5	91.7	14	35.7	62.8	22	Max.10	6.35x3.95	M4xP0.7x6L
	JHAS-M3	M3	1.6	93.7	85.4	14	29.3	58	22	Max.10	3x2	M4xP0.7x6L
	JHAS-H1	H1	1.6	93.7	85.4	14	29.3	58	22	Max.10	3.18x2.18	M4xP0.7x6L

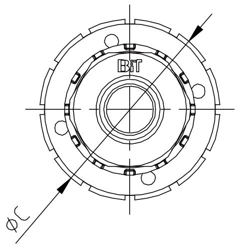
J為本體兩面寬度

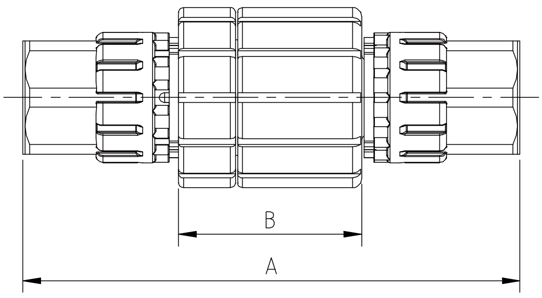
PTFE逆止閥

擴孔FIT-ONE型式

最小開啟壓力	0.002 Mpa
最小逆止壓力	0.05 Mpa
操作壓力	0.7 Mpa
最高流體工作溫度	120°C
流體	化學藥液、去離子水

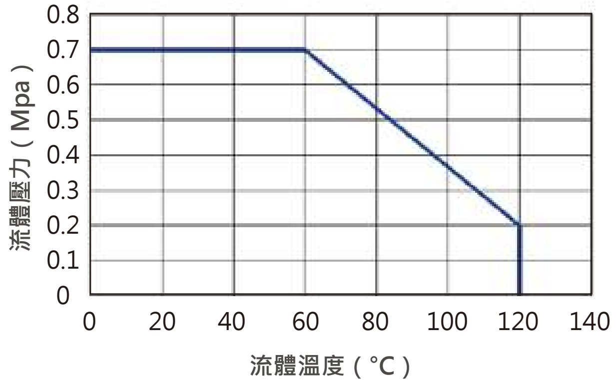






特性

- 連接端為高抗拉力FIT-ONE及FIT-ONE PLUS迫緊環擴孔接頭，具高密封性能。
- 無金屬及無O-RING 設計，降低汙染的風險。
- 減少液體殘留設計。
- 安裝簡易，無須特定垂直方向。
- 接液部皆為PFA與 PTFE材質。

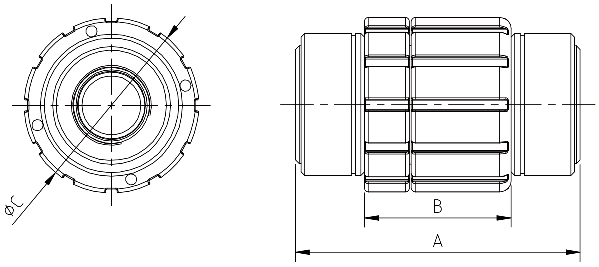


尺寸單位：公厘

	NO.	SIZE	(A)	B	C	INLET/ OUTLET	CV
INCH	CV-1H2-1H2	H2	85.7	38.8	38.3	6.35*3.95	0.33
	CV-1H3-1H3	H3	94	38.8	38.3	9.53*6.35	1.15
	CV-1H4-1H4	H4	105.3	38.8	38.3	12.7*9.53	2.2
	CV-1H6-1H6	H6	120.7	39.2	46.8	19.05*15.8	4.2
	CV-1H8-1H8	H8	151.5	55.5	64.4	25.4*22.2	13
MM	CV-1M6-1M6	M6	85.7	38.8	38.3	6*4	0.33
	CV-1M8-1M8	M8	94	38.8	38.3	8*6	1.15
	CV-1M12-1M12	M12	105.3	38.8	38.3	12*10	2.2
	CV-1M19-1M19	M19	120.7	39.2	46.8	19*16	4.2
	CV-1M25-1M25	M25	151.5	55.5	64.4	25*22	13

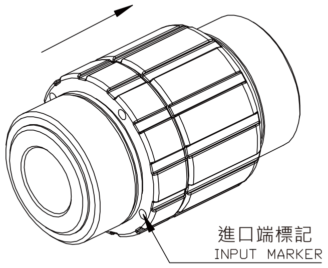
管牙式

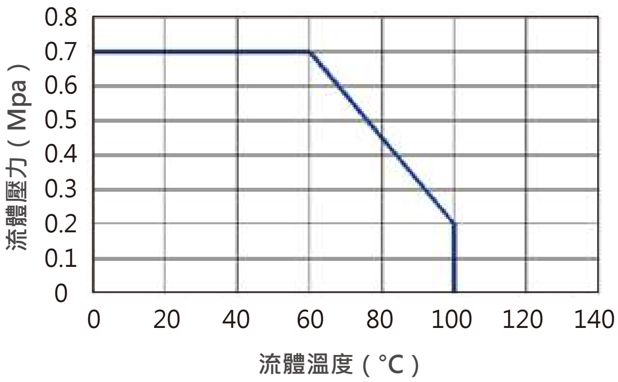
最小開啟壓力	0.002 Mpa
最小逆止壓力	0.05 Mpa
操作壓力	0.7 Mpa
最高流體工作溫度	100°C
流體	化學藥液、去離子水



特性

- 無金屬及無0-RING 設計，降低汙染的風險。
- 減少液體殘留設計。
- 安裝簡易，無須特定垂直方向。
- 接液部皆為PFA與 PTFE材質。





尺寸單位：公厘

NO.	SIZE	(A)	B	C	INLET/ OUTLET	CV
CV-FN4-FN4	1/2''	77.2	39.2	46.8	NPT ½	4.2
CV-FR4-FR4	1/2''	77.2	39.2	46.8	Rc ½	4.2

*特殊品可接受訂製

PFA膜片閥

KH 、 PW metal-free series

無金屬汙染風險的PFA高溫膜片閥

獨家技術　高溫熱源隔離

高穩定性

耐高溫

低金屬溶出風險

特性

BUENO繼FIT-ONE接頭後，再一次顛覆所有人對PFA膜片藥液閥的觀點創新的結構設計，可以讓BUENO的藥液閥穩定使用在高溫化學液體、提高耐用度，同時隔絕金屬汙染的風險及減少顆粒和洩漏的產生。

常閉型氣動膜片閥

強制散熱裝置（選配)

當流體溫度達到150°C以上
建議使用強制冷卻可以達到更好的效果

冷卻氣體經由空心軸桿的軸心孔，排出經由輸送高溫液體而傳達到膜片的熱量。

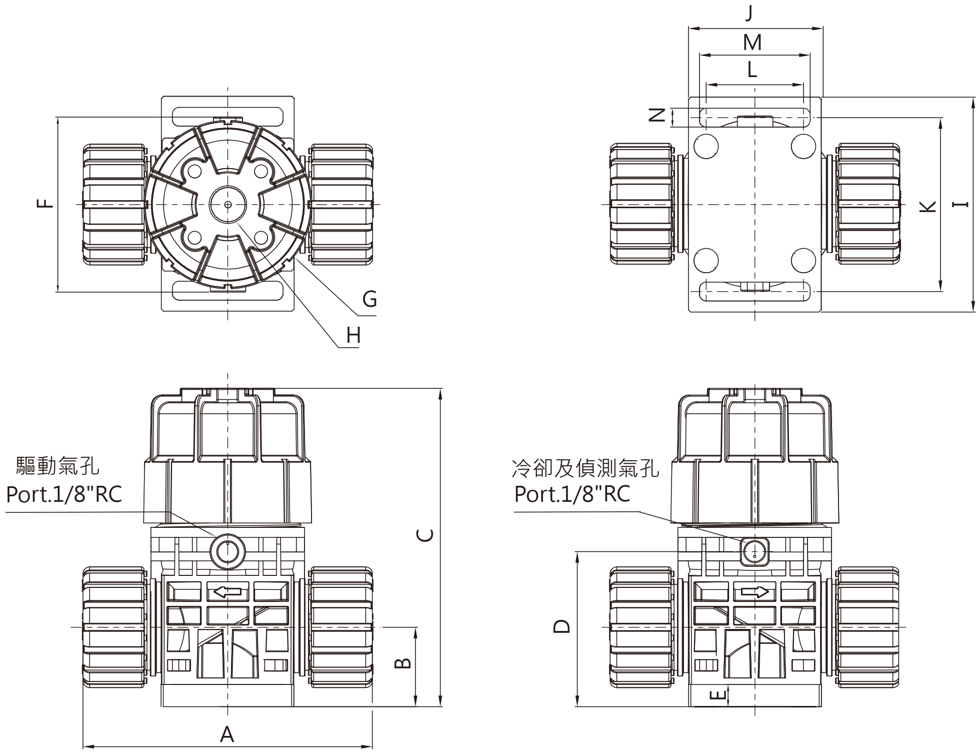
在本體之測漏孔（方型孔）加裝氣源強制散熱，間歇吹氣及持續吹氣或負壓抽氣皆可。

緩衝裝置（選配）

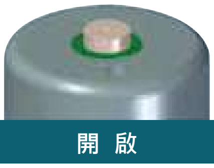
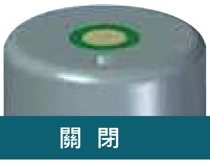
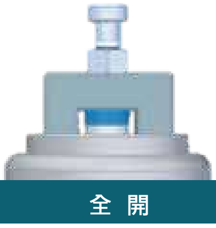
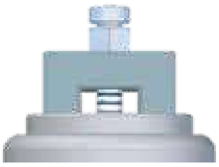
緩衝器安裝於膜片閥驅動氣孔（圓形孔），減緩閥門開關的速度，降低水錘現象瞬間產生的壓力衝擊而損壞閥門與管路，提高耐用度

緩衝器

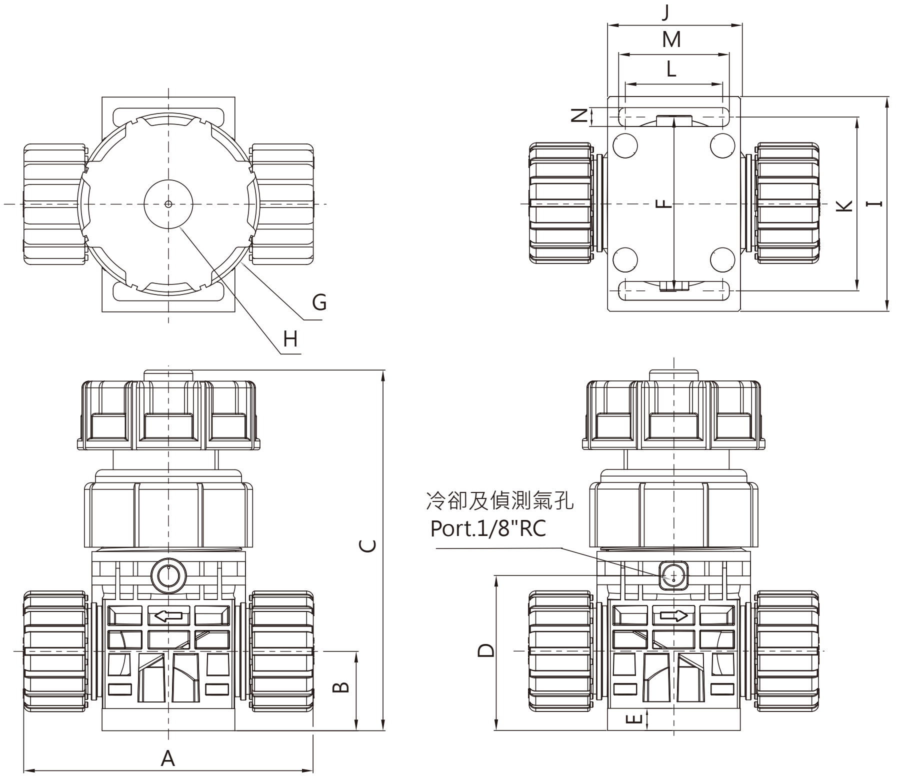
常閉型氣動膜片閥



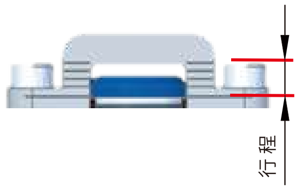
選配品指示圖

開關指示 （編碼選配品：O）	訊號器 （編碼選配品：L）	流量調節器 （編碼選配品：R）
		
開啟	開啟	1/2開度
		
關閉	關閉	全開
		
		全關

手動膜片閥



流量調整指示
（擋板為選配品）



1/2開度

全 開

全 關

產品編碼原則

PW100-□□P-□—□

尺寸

1/4''	6
3/8''	10
1/2''	12
3/4''	19
1''	25
1 1/2"	40

作動方式

M	手動

O形環材質

F	FKM

KH150-□□P-□-□□-□

[註3]

尺寸

1/4''	6
3/8''	10
1/2''	12
3/4''	19
1''	25
1 1/2"	40

作動方式

	C	氣動常關
[註1]	O	氣動常開
[註1]	D	雙動
	M	手動

選配品

O	指示器
L	訊號器
R	調節器

加壓氣孔 [註2]

	0	無氣孔
[註4]	1	加壓氣孔

O形環材質

F	FKM

[註1]：當選O 氣動常開型或D雙動時,後兩碼為必填O1。

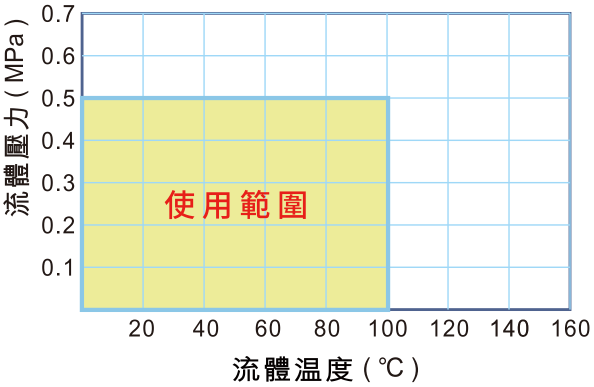
[註2]：當選配品為O 指示器時,則須填寫1有氣孔, 其它選配品與標準品皆為0無氣孔。

[註3]：KH150型號為氣動型式,另手動型也可以使用。

[註4]：註2部分若選擇1加壓氣孔, 則鑽孔位置為大螺帽上方鑽孔。

PW100規格

型號	PW100-6P	PW100-10P	PW100-12P	PW100-19P	PW100-25P	PW100-40P
配管接頭	FIT-ONE Plus	FIT-ONE Plus	FIT-ONE Plus	FIT-ONE Plus	FIT-ONE Plus	FIT-ONE Plus
	1/4''	3/8''	1/2''	3/4''	1''	1 1/2 ''
內孔徑	Ø4	Ø6.3	Ø10	Ø16	Ø22	Ø33.7
CV值	0.3	0.9	1.8	5.2	9.1	20.9
流體溫度	常溫~100℃					
閥耐壓力	1 MPa (10bar)					
使用壓力 (正壓/背壓)	0-0.5 MPa (0-5bar)					
操作壓力	0.3-0.5 MPa (3-5bar)			0.25-0.4 MPa (2.5-4bar)		
環境溫度	0~60℃					
氣孔口徑	Rc 1/8''					



材質表

零件名稱	材質
膜片	PTFE
軸心	PP
閥體	PFA
安裝板	PP
外螺帽	PP

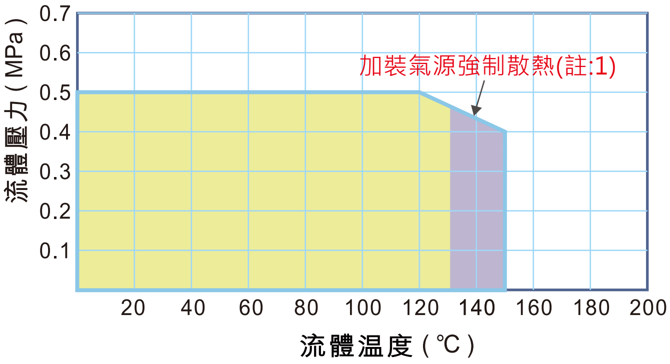
尺寸單位：公厘

手動型尺寸表

型號規格	(A)	(B)	(C)	(D)	E	F	(G)	(H)	I	J	K	L	M	N
PW100-6PM	82	22	95	39	10	46	Ø57	Ø16	65	36	50	22	29	7
PW100-10PM	100	26	100	44	10	46	Ø57	Ø16	65	36	50	22	29	7
PW100-12PM	100	26	100	44	10	46	Ø57	Ø16	65	36	50	22	29	7
PW100-19PM	112	32	145	61	10	69	Ø77	Ø22	87	50	68.5	34	40	8.5
PW100-25PM	131	36	163	70	10	79	Ø82.5	Ø22	97	60	79	44	50	8.5
PW100-40PM	176	53	199	98	15	102	Ø100	Ø24	120	82	100	56.5	65	8.5

KH150規格

型 號	KH150-6P	KH150-10P	KH150-12P	KH150-19P	KH150-25P	KH150-40P
配管接頭	FIT-ONE Plus	FIT-ONE Plus	FIT-ONE Plus	FIT-ONE Plus	FIT-ONE Plus	FIT-ONE Plus
	1/4''	3/8''	1/2''	3/4''	1''	1 1/2 ''
內孔徑	Ø4	Ø6.3	Ø10	Ø16	Ø22	Ø33.7
CV值	0.3	0.9	1.8	5.2	9.1	20.9
流體溫度	常溫~130℃ 130~150℃需於測漏孔(方型孔)加裝強制散熱器源 (註:1)					
閥耐壓力	1 MPa (10bar)					
使用壓力 (正壓/背壓)	0-0.5 MPa (0-5bar)					
操作壓力	0.3-0.5 MPa (3-5bar)			0.25-0.4 MPa (2.5-4bar)		
環境溫度	0~60℃					
氣孔口徑	Rc 1/8''					



材 質 表

零件名稱	材 質
膜片	PTFE
軸心	PVDF
閥體	PFA
安裝板	PP
外螺帽	PP

註1：如使用於130°C-150°C流體之範圍時，須在本體之測漏孔（方型孔）加裝氣源強制散熱，
間歇吹氣及持續吹氣或負壓抽氣皆可。

尺寸單位：公厘

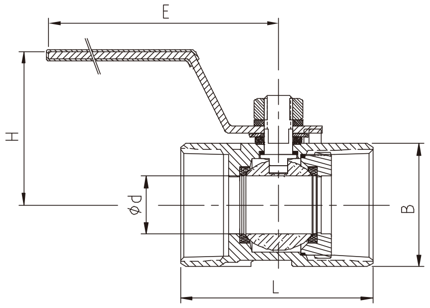
氣動型尺寸表

型號規格	(A)	(B)	(C)	(D)	E	F	(G)	H	I	J	K	L	M	N
KH150-6PC	82	22	85	39	10	46	Ø40	Ø10.5	65	36	50	22	29	7
KH150-10PC	100	26	90	44	10	46	Ø40	Ø10.5	65	36	50	22	29	7
KH150-12PC	100	26	90	44	10	46	Ø40	Ø10.5	65	36	50	22	29	7
KH150-19PC	112	32	128	61	10	69	Ø62	Ø16.7	87	50	68.5	34	40	8.5
KH150-25PC	131	36	144	70	10	79	Ø76	Ø16.7	97	60	79	44	50	8.5
KH150-40PC	176	53	175	98	15	102	Ø100	Ø23	120	82	100	56.5	65	8.5

手動型尺寸表

型號規格	(A)	(B)	(C)	(D)	E	F	(G)	H	I	J	K	L	M	N
KH150-6PM	82	22	95	39	10	46	Ø57	Ø16	65	36	50	22	29	7
KH150-10PM	100	26	100	44	10	46	Ø57	Ø16	65	36	50	22	29	7
KH150-12PM	100	26	100	44	10	46	Ø57	Ø16	65	36	50	22	29	7
KH150-19PM	112	32	145	61	10	69	Ø77	Ø22	87	50	68.5	34	40	8.5
KH150-25PM	131	36	163	70	10	79	Ø82.5	Ø22	97	60	79	44	50	8.5
KH150-40PM	176	53	199	98	15	102	Ø100	Ø24	120	82	100	56.5	65	8.5

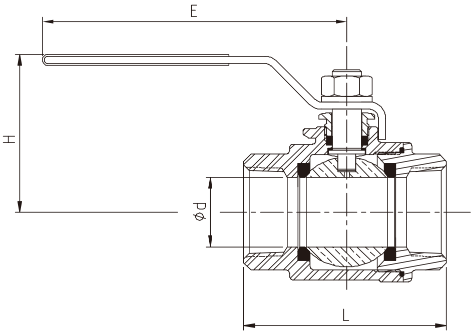
不鏽鋼球閥



單位: mm

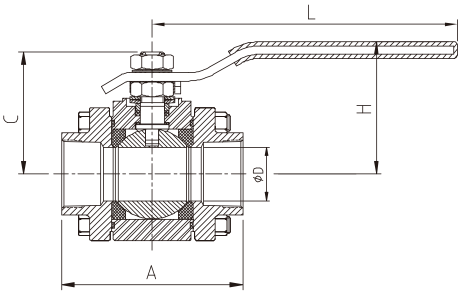
BB-101

尺寸		Ød	L	B	H	E
MM	INCH					
8A	1/4"	5	39.4	16.5	31	57.8
10A	3/8"	7	44.2	20.5	37	69
15A	1/2"	9.2	56.6	24.5	43	89
20A	3/4"	12.5	59	31.5	47	89
25A	1"	15	70.7	37.5	50	104
32A	1-1/4"	20	77	47	55	104
40A	1-1/2"	25	83	53	69	123
50A	2"	32	100	64.5	75	123



BB-201

尺寸		Ød	E	H	L
MM	INCH				
8A	1/4"	11.6	100	50	53.8
10A	3/8"	12.5	100	50	53.8
15A	1/2"	15	125	56	59.7
20A	3/4"	20	125	58	71
25A	1"	25	148	73	82.8
32A	1-1/4"	32	148	75	92.1
40A	1-1/2"	38	164	85	111
50A	2"	50	164	94	124.3
65A	2-1/2"	65	248	135	162
80A	3"	80	248	144	176



單位: mm

BB-301

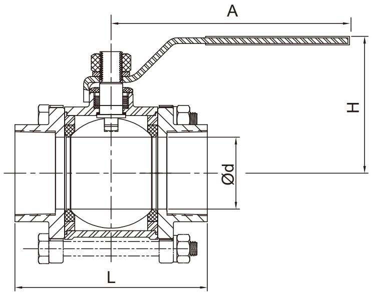
尺寸		A	C	ØD	H	L
MM	INCH					
8A	1/4"	66	38.1	11.2	45.2	119.4
10A	3/8"	66	38.1	11.2	45.2	119.4
15A	1/2"	66	38.1	11.2	45.2	119.4
20A	3/4"	71.1	40.4	14.2	47.5	119.4
25A	1"	94	55.9	20.6	62	147.1
32A	1-1/4"	108	60.7	25.4	65.5	147.1
40A	1-1/2"	116.1	73.2	31.8	78.7	182.1
50A	2"	128	78.2	38.1	83.6	182.1
65A	2-1/2"	151.4	88.4	50.8	93.2	267

型號		BB-101	BB-201	BB-301 重型牙口	
尺寸範圍		1/4"~2"	1/4"~3"	1/4"~2-1/2"	
工作條件	工作壓力	1000 psi CWP	1/4"~2" 1000 psi CWP 2-1/2"~3" 800 psi CWP	1000 psi CWP	
	工作溫度	-20~450 °F	-20~450 °F	-20~450 °F	
材質	本體	ASTM A351 GR.CF8M/CF8	ASTM A351 GR.CF8M/CF8	ASTM A351 GR.CF8M	ASTM A216 GR.WCB
	閥蓋		ASTM A351 GR.CF8M/CF8	ASTM A351 GR.CF3M	ASTM A216 GR.WCB
	閥球	ASTM A351 GR.CF8M/CF8	ASTM A351 GR.CF8M/CF8	ASTM A351 GR.CF8M	ASTM A351 GR.CF8M
		ASTM A276 TYPE 316/304	ASTM A276 TYPE 316/304	ASTM A276 TYPE 316	ASTM A276 TYPE 316
	中軸	ASTM A276 TYPE 316/304	ASTM A276 TYPE 316/304	ASTM A276 TYPE 316	ASTM A276 TYPE 316
	中口	PTFE			
	球墊	PTFE	PTFE	NEW PTFE	NEW PTFE
	把手	ASTM A276 TYPE 304	ASTM A276 TYPE 304	ASTM A276 TYPE 304	ASTM A276 TYPE 304
		▪ 適用化學及工業 ▪ 防爆中軸設計 ▪ 100%在80psi的氣體與水中，開與關的位置做測試	▪ 適用化學及工業 ▪ 防爆中軸設計 ▪ 可調式中軸迫緊 ▪ 掛鎖裝置可選擇 ▪ 易於安裝汽缸的設計 ▪ 100%在80psi的氣體與水中，開與關的位置做測試	▪ 適用化學/食品/油體/氣體等 ▪ 防爆中軸設計/減流量 ▪ 接續平台ISO 5211 ▪ 100%在80psi的氣體與水中，開與關的位置做測試	

1. 球墊可依需求提供PEEK / PCTFE / DELRIN / UHWWPE 等材質，歡迎洽詢。

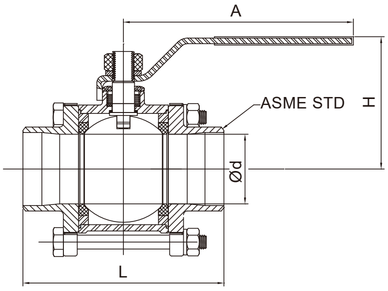
三片式球閥

單位: mm



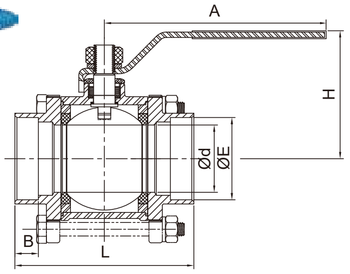
BB-311 牙口

尺寸		A	L	Ød	H
MM	INCH				
8A	1/4"	100	60	9.5	51
10A	3/8"	100	60	9.5	51
15A	1/2"	120	65.4	15	49.1
20A	3/4"	120	79	20	52.7
25A	1"	148	86	25	72.7
32A	1-1/4"	148	105	32	77.1
40A	1-1/2"	164	119.5	38	85.1
50A	2"	164	133.4	50	93.2
65A	2-1/2"	248	162.8	65	134
80A	3"	248	183	80	143.5
100A	4"	246	227.2	100	177



BB-311S 短對焊

尺寸		A	L	Ød	H
MM	INCH				
15A	1/2"	120	75	15	49.1
20A	3/4"	120	90	20	52.7
25A	1"	148	100	25	72.7
32A	1-1/4"	148	110	32	77.1
40A	1-1/2"	164	125	38	85.1
50A	2"	164	150	50	93.2
65A	2-1/2"	248	175	65	134
80A	3"	248	210	80	143.5
100A	4"	246	260	100	177



BB-311K 套焊

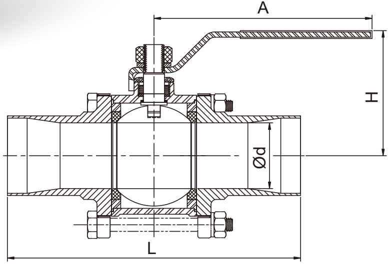
尺寸		L	B	Ød	ØE	H	A
MM	INCH						
15A	1/2"	65.4	16	15	22	49.1	120
20A	3/4"	79	18	20	27.4	52.7	120
25A	1"	86	19	25	34.1	72.7	148
32A	1-1/4"	105	22	32	42.9	77.1	148
40A	1-1/2"	119.5	22	38	49	85.1	164
50A	2"	133.4	25	50	61.5	93.2	164
65A	2-1/2"	162.8	28	65	74.2	134	248
80A	3"	183	30	80	90	143.5	248
100A	4"	227.2	35	100	115.5	177	246

型號		BB-311 牙口	BB-311S 短對焊	BB-311K 套焊
尺寸範圍		1/4"~4"	1/2"~4"	1/2"~4"
工作條件	工作壓力	1/4"~2" 1000 psi CWP	1/2"~2" 1000 psi CWP	1/2"~2" 1000 psi CWP
		2 1/2"~3" 800 psi CWP	2 1/2"~3" 800 psi CWP	2 1/2"~3" 800 psi CWP
		4" 600psi CWP	4" 600 psi CWP	4" 600 psi CWP
	工作溫度	-20~450 °F	-20~450 °F	-20~450 °F
材質	本體	ASTM A351 GR.CF8M	ASTM A351 GR.CF8M	ASTM A351 GR.CF8M
	側蓋	ASTM A351 GR.CF8M	ASTM A351 GR.CF8M	ASTM A351 GR.CF8M
	閥球	ASTM A351 GR.CF8M	ASTM A351 GR.CF8M	ASTM A351 GR.CF8M
		ASTM A276 TYPE 316	ASTM A276 TYPE 316	ASTM A276 TYPE 316
	中軸	ASTM A276 TYPE 316	ASTM A276 TYPE 316	ASTM A276 TYPE 316
	球墊	PTFE	PTFE	PTFE
	把手	ASTM A276 TYPE 304	ASTM A276 TYPE 304	ASTM A276 TYPE 304
		▪ 可調式中軸迫緊 ▪ 防爆中軸設計/全流量 ▪ 掛鎖裝置可選擇 ▪ 可在線維修 ▪ 100%在80psi的氣體與水中，開與關的位置做測試	▪ 可調式中軸迫緊 ▪ 防爆中軸設計/全流量 ▪ 掛鎖裝置可選擇 ▪ 可在線維修 ▪ 100%在80psi的氣體與水中，開與關的位置做測試 ▪ 對焊端可依需求提供ASME, JIS, EN規格	▪ 適用化學及工業 ▪ 防爆中軸設計/全流量 ▪ 可調式中軸迫緊 ▪ 掛鎖裝置可選擇 ▪ 可在線維修 ▪ 100%在80psi的氣體與水中，開與關的位置做測試

1. 球墊可依需求提供PEEK / PCTFE / DELRIN / UHWWPE 等材質，除一般不鏽鋼材質外，另可提供DUPLEX / HASTELLOY C / MONEL 等特殊材質，歡迎洽詢。

2. 可依需求作流道BA或EP拋光。

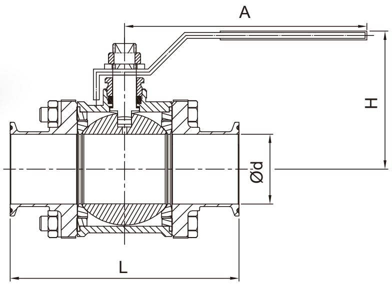
三片式球閥



單位: mm

BB-311L 對焊

尺寸		L	Ød	H	A
MM	INCH				
15A	1/2"	179.4	15	49.1	120
20A	3/4"	184	20	52.7	120
25A	1"	190	25	72.7	148
32A	1-1/4"	198.2	32	77.1	148
40A	1-1/2"	211.4	38	85.1	164
50A	2"	222.4	50	93.2	164
65A	2-1/2"	244.8	65	134	248
80A	3"	257	80	143.5	248
100A	4"	280.2	100	177	246



BB-311TC 對夾式

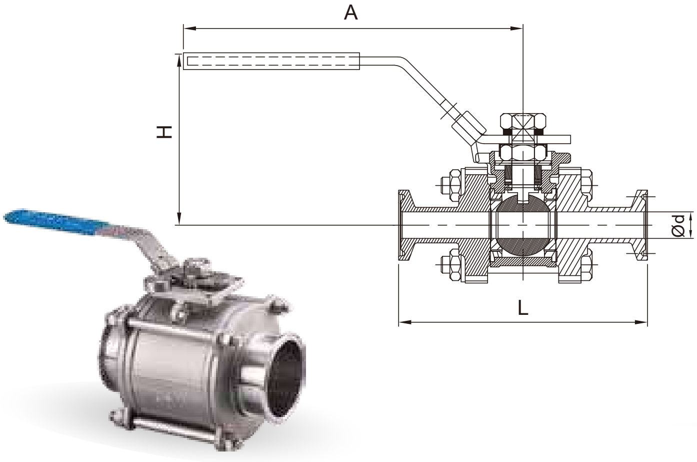
尺寸		L	Ød	H	A
MM	INCH				
15A	1/2"	89	9.5	51	120
20A	3/4"	101	15.75	58.7	120
25A	1"	114	22.1	72.7	148
40A	1-1/2"	140	34.8	85.1	164
50A	2"	156	47.5	93.2	164
65A	2-1/2"	197	60.2	134	248
80A	3"	229	72.9	143.5	248
100A	4"	243	97.6	177	246

型號		BB-311L 對焊	BB-311TC 對夾式
尺寸範圍		1/2"~4"	1/2"~4"
工作條件	工作壓力	1/2"~2" 1000 psi CWP	1/2"~2" 1000 psi CWP
		2 1/2"~3" 800 psi CWP	2 1/2"~3" 800 psi CWP
		4" 600 psi CWP	4" 600 psi CWP
	工作溫度	-20~450 °F	-20~450 °F
材質	本體	ASTM A351 GR.CF8M	ASTM A351 GR.CF8M
	側蓋	ASTM A351 GR.CF8M	ASTM A351 GR.CF8M
	閥球	ASTM A351 GR.CF8M	ASTM A351 GR.CF8M
		ASTM A276 TYPE 316	ASTM A276 TYPE 316. CW12MW/H.C
	中軸	ASTM A276 TYPE 316	ASTM A276 TYPE 316
	球墊	PTFE	PTFE
	把手	ASTM A276 TYPE 304	ASTM A276 TYPE 304
		▪ 可調式中軸迫緊 ▪ 防爆中軸設計/全流量 ▪ 掛鎖裝置可選擇 ▪ 可在線維修 ▪ 100%在80psi的氣體與水中，開與關的位置做測試 ▪ 對焊端可依需求提供ASME, JIS, EN規格	▪ 可調式中軸迫緊 ▪ 防爆中軸設計/減流量 ▪ 掛鎖裝置可選擇 ▪ 可在線維修 ▪ 100%在80psi的氣體與水中，開與關的位置做測試

1. 球墊可依需求提供PEEK / PCTFE / DELRIN / UHWWPE 等材質，除一般不鏽鋼材質外，另可提供DUPLEX / HASTELLOY C / MONEL 等特殊材質，歡迎洽詢。

2. 可依需求作流道BA或EP拋光。

三片式球閥



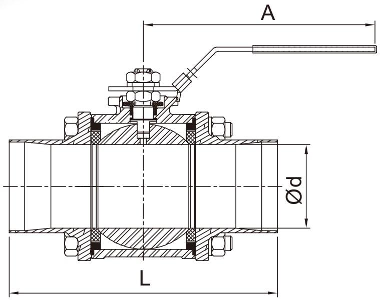
單位: mm

BB-312TC 對夾式

尺寸		A	Ød	L	H
MM	INCH				
15A	1/2"	120	9.5	89	59.6
20A	3/4"	120	15.75	101	68.4
25A	1"	147	22.1	114	77.4
40A	1-1/2"	164	34.8	140	94.4
50A	2"	164	47.5	156	103.4
65A	2-1/2"	222	60.2	197	125.7
80A	3"	222	72.9	229	133.4
100A	4"	298	97.6	243	163.3

DIMENSIONS(1/2"~4")

DIMENSIONS(5"~12")



BB-312L 清潔閥

尺寸		A	Ød	L
MM	INCH			
15	1/2"	120	15	179.4
20	3/4"	120	20	184
25	1"	147	25	190
32	1-1/4"	147	32	198.2
40	1-1/2"	164	38	211.4
50	2"	164	50	222.4
65	2-1/2"	222	65	244.8
80	3"	222	80	257
100	4"	298	100	280.2
125	5"	N/A	114	493
150	6"	N/A	150	515
200	8"	N/A	200	560
250	10"	N/A	250	620
300	12"	N/A	300	676

型號		BB-312TC 對夾式	BB-312L 清潔閥
尺寸範圍		1/2"~4"	1/2"~12"
工作條件	工作壓力	1000 psi CWP	1000 psi CWP
	工作溫度	-20~450 °F	-60~160 °C
材質	本體	ASTM A351 GR.CF8M	ASTM A351 GR.CF8M
	閥蓋	ASTM A351 GR.CF8M	ASTM A351 GR.CF3M
	中軸	ASTM A351 GR.CF8M	ASTM A276 TYPE 316
	閥球	ASTM A276 TYPE 316.	ASTM A351 GR.CF8M
		ASTM A276 TYPE 316	ASTM A276 TYPE 316
	球墊	PTFE	PTFE
	把手	ASTM A276 TYPE 304	ASTM A276 TYPE 304
		▪ 防爆中軸設計/減流量 ▪ 掛鎖裝置可選擇 ▪ 可調式中軸迫緊 ▪ 接續平台依照ISO 5211 ▪ 可在線維修 ▪ 100%在80psi的氣體與水中，開與關的位置做測試	▪ 拋光至180 Grit/10-16min(0.25到0.40min) ▪ 有氣動控制器和電動控制器可供選擇 ▪ 1000等級無塵室組裝及測試 ▪ 對焊端可依需求提供ASME, JIS, EN規格 ▪ 上下蒸氣清潔孔

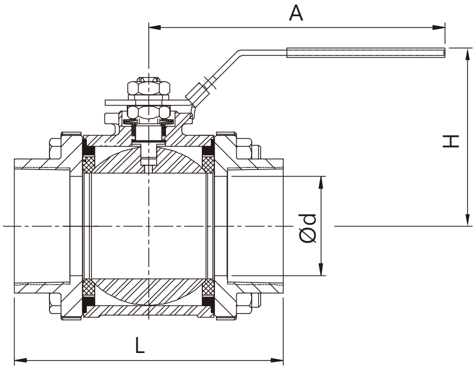
1. 球墊可依需求提供PEEK / PCTFE / DELRIN / UHWWPE 等材質，除一般不鏽鋼材質外，另可提供DUPLEX / HASTELLOY C / MONEL 等特殊材質，歡迎洽詢。

2. 可依需求作流道BA或EP拋光。

三片式球閥

型號		BB-312TH 牙口
尺寸範圍		1/2"~4"
工作條件	工作壓力	1/4"~2" 1000 psi CWP
		2 1/2"~3" 800 psi CWP
		4" 600psi CWP
材質	本體	ASTM A351 GR.CF8M
	閥蓋	ASTM A351 GR.CF8M
	中軸	ASTM A276 TYPE 316
	閥球	ASTM A351 GR.CF8M
		ASTM A276 TYPE 316
	球墊	PTFE
	把手	ASTM A276 TYPE 304

- 防爆中軸設計/全流量
- 掛鎖裝置可選擇
- 可調式中軸迫緊
- 可在線維修
- 接續平台依照ISO 5211



單位: mm

BB-312TH 牙口

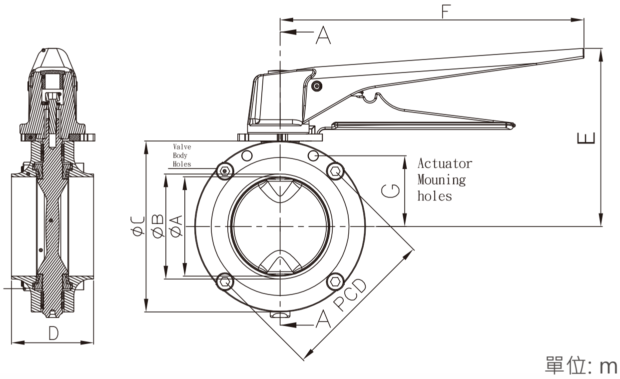
尺寸		A	Ød	L	H
MM	INCH				
15A	1/2"	120	15	65.4	65.2
20A	3/4"	120	20	79	68.4
25A	1"	147	25	86	77.4
32A	1-1/4"	147	32	105	82.4
40A	1-1/2"	164	38	119.4	94.4
50A	2"	164	50	133.4	103.4
65A	2-1/2"	222	65	162.8	125.7
80A	3"	222	80	183	133.4
100A	4"	298	100	227	163.3

1. 球墊可依需求提供PEEK / PCTFE / DELRIN / UHWWPE 等材質，除一般不鏽鋼材質外，另可提供DUPLEX / HASTELLOY C / MONEL 等特殊材質，歡迎洽詢。
2. 可依需求作流道BA或EP拋光。

衛生蝶閥

型號		SBU-71
尺寸範圍		1"~6"
工作條件	最大工作壓力	10 Bar (at 20°C)
	建議工作壓力	6 Bar (at 20°C)
	一般溫度範圍	-10℃~+95℃
材質	本體	ASTM A182-F316L
	閥板	ASTM A351 GR.CF8M
	閥座膠片	SILICON WHITE FDA
	把手	ASTM A351 GR.CF8M
	檔板	ASTM A351 GR.CF8M

- 接續方式 對焊(標準)，英制管(外徑管)

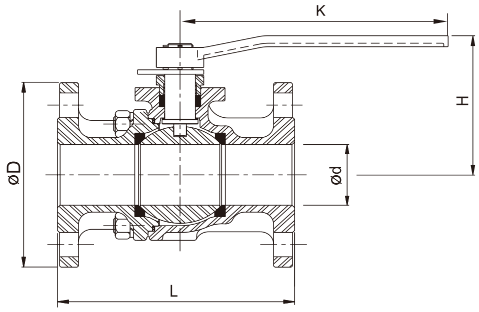


單位: mm

SBU-71

尺寸		ØA	ØB	ØC	D	E	F	G	PCD
MM	INCH								
25	1"	22.3	25.8	69	50	83.5	154.2	26.5	59
40	1-1/2"	35	38.5	79	50	88.5	154.2	31.5	69
50	2"	47.7	51.2	94	50	96	154.2	38	84
65	2-1/2"	60.4	63.9	104	50	101	154.2	43	95
80	3"	73.1	76.6	124	60	112	185	50	111
100	4"	98.5	102	151	70	125.5	185	63.5	139
150	6"	148.4	153	223	80	183.5	266	98.5	207

法蘭球閥



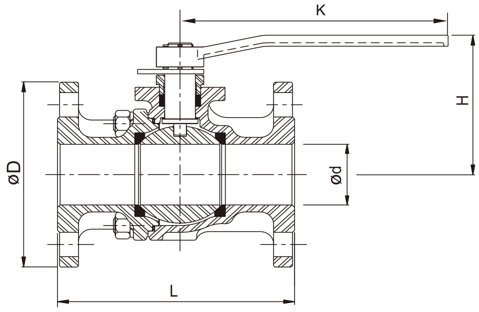
型號		F601
尺寸範圍		1/2"~10"
工作條件	工作溫度	-20~450 °F
	壓力等級	CLASS 150LB
規範	法蘭	ASME B16.5
	閥體設計	ASME B16.34
	面間距	ASME B16.10
材質	本體&側蓋	ASTM A351 GR.CF8/CF8M/CF3M
		ASTM A216 GR.WCB
	中軸	ASTM A276 TYPE 304/316/316L
	球	ASTM 351 GR.CF8/CF8M/CF3M
		ASTM A276 TYPE 304/316
	把手	ASTM A351 GR.CF8
		ASTM A216 GR.WCB
		WPB SCH40-1" PIPE
	球墊	NEW PTFE

- 接續平台依照ISO 5211
- 防靜電為標準設計
- 防爆中軸設計

單位: mm

F601

尺寸		Ød	K	H	L	ØD
MM	INCH					
15	1/2"	15	145	73	108	88.9
20	3/4"	20	145	79	117	98.6
25	1"	25	165	91	127	108
32	1-1/4"	32	165	94	140	117.3
40	1-1/2"	38	230	113	165	127
50	2"	50	230	122	178	152.4
65	2-1/2"	65	230	144	190	177.8
80	3"	80	320	151	203	190.5
100	4"	100	320	165	229	228.6
125	5"	125	514	207.5	356	254
150	6"	150	514	225	394	279.4
200	8"	200	1000	290.4	457	343
250	10"	250	1000	347	533	405



型號		F602
尺寸範圍		15A~250A
工作條件	壓力等級	JIS 10K
	工作溫度	-29 °C~232 °C
規範	法蘭	JIS B 2220
	閥體設計	ASME B16.34
	面間距	JIS B 2002 (1/2"~5") Bueno Std (6"以上)
材質	本體&側蓋	JIS G5121-SCS13A/SCS14A/SCS16A
		JIS G5102-SCW410
	中軸	ASTM A276 TYPE 304/316/316L
	球	ASTM 351 GR.CF8/CF8M/CF3M
		JIS G5121-SCS16A / ASTM A276 TYPE 304/316
	把手	ASTM A351 GR.CF8
		ASTM A216 GR.WCB
		WPB SCH40-1" PIPE
	球墊	NEW PTFE

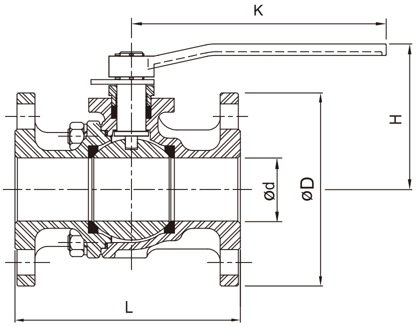
- 接續平台依照ISO 5211
- 防爆中軸設計/全流量
- 防靜電為標準設計

單位: mm

F602

尺寸		Ød	K	H	L	ØD
MM	INCH					
15	1/2"	15	145	73	108	95
20	3/4"	20	145	79	117	100
25	1"	25	165	91	127	125
32	1-1/4"	32	165	94	140	135
40	1-1/2"	38	230	113	165	140
50	2"	50	230	122	178	155
65	2-1/2"	65	230	144	190	175
80	3"	80	320	151	203	185
100	4"	100	320	165	229	210
125	5"	125	514	207.5	356	250
150	6"	150	514	225	340	280
200	8"	200	1000	290.4	450	330
250	10"	250	1000	347	533	400

法蘭球閥



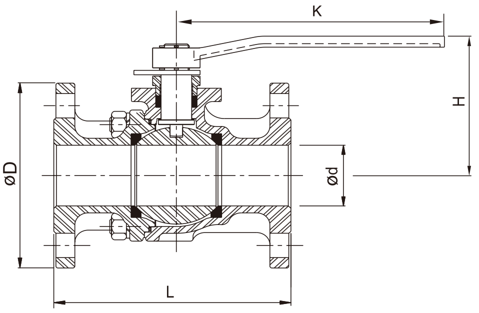
單位: mm

型號		F602D
尺寸範圍		15A~150A
工作條件	壓力等級	JIS 10K
	工作溫度	-29 °C~232 °C
規範	法蘭	JIS B 2239
	閥體設計	ASME B16.42
	面間距	JIS B 2002
材質	本體&側蓋	JIS G5502-FCD 450
	中軸	ASTM A276 TYPE 304
	球	ASTM 351 GR.CF8
		ASTM A276 TYPE 304
	把手	ASTM A216 GR.WCB
	球墊	NEW PTFE

- 接續平台依照ISO 5211
- 防靜電為標準設計
- 防爆中軸設計/全流量

F602D JIS 10K

尺寸		Ød	ØD	K	L	H
MM	INCH					
15	1/2"	15	95	145	108	73
20	3/4"	20	100	145	117	79
25	1"	25	125	165	127	91
32	1-1/4"	32	135	165	140	94
40	1-1/2"	38	140	230	165	113
50	2"	50	155	230	178	122
65	2-1/2"	65	175	230	190	144
80	3"	80	185	320	203	151
100	4"	100	210	320	229	165
125	5"	125	250	514	356	207.5
150	6"	150	280	514	394	225



單位: mm

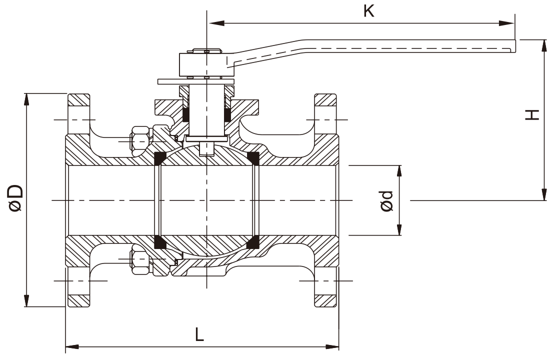
型號		F603 PN16
尺寸範圍		DN15-DN250
工作條件	壓力等級	PN16
	工作溫度	-29 °C~232 °C
	法蘭	EN 1092-1
規範	閥體設計	ASME B16.34
	面間距	EN 558
	本體&側蓋	EN10213 1.4308/1.4408/1.0619
材質	中軸	ASTM A276 TYPE 304/316/316L
	球	ASTM A351 GR.CF8/CF8M/CF3M
		ASTM A276 TYPE 304/316
	把手	1/2"~6" ASTM A351 GR.CF8
		1/2"~6" ASTM A216 GR.WCB
		8" WPB SCH40-1" PIPE
	球墊	NEW PTFE

- 接續平台依照ISO 5211
- 防靜電為標準設計
- 防爆中軸設計/全流量

F603 PN16

尺寸		Ød	ØD	H	L	K
MM	INCH					
15	1/2"	15	95	73	130	145
20	3/4"	20	105	79	150	145
25	1"	25	115	91	160	165
32	1-1/4"	32	140	94	180.3	165
40	1-1/2"	38	150	113	200	230
50	2"	50	165	122	230	230
65	2-1/2"	65	185	144	290	230
80	3"	80	200	151	310	320
100	4"	100	220	165	350	320
125	5"	125	250	207.5	400	514
150	6"	150	285	225	480	514
200	8"	200	340	290.4	600	1000
250	10"	250	405	347	730	1000

法蘭球閥



單位: mm

F604 JIS 20K

尺寸		Ød	ØD	H	L	K
MM	INCH					
15	1/2"	15	95	73	140	145
20	3/4"	20	100	79	152	145
25	1"	25	125	91	165	165
32	1-1/4"	32	135	94	178	165
40	1-1/2"	38	140	113	190	230
50	2"	50	155	122	216	230
65	2-1/2"	65	175	144	241	230
80	3"	80	200	156	282	320
100	4"	100	225	170	305	320

F606 CLASS 300LB

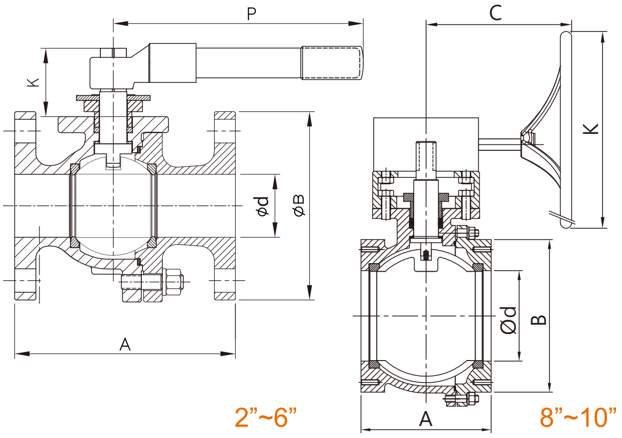
尺寸		Ød	ØD	H	L	K
MM	INCH					
15	1/2"	15	95	73	140	145
20	3/4"	20	115	79	152	145
25	1"	25	125	91	165	165
32	1-1/4"	32	135	94	178	165
40	1-1/2"	38	155	113	190	230
50	2"	50	165	122	216	230
65	2-1/2"	65	190	144	241	230
80	3"	80	210	156	282	320
100	4"	100	255	170	305	320

型號		F604 JIS-20K	F606 CLASS 300 LB
尺寸範圍		15A~100A	1/2"~4"
工作條件	壓力等級	JIS -20K	CLASS 300
	工作溫度	-29 °C~232 °C	-29 °C~232 °C
規範	閥體設計	ASME B16.34	ASME B16.34
	法蘭	JIS B2220-20K	ASME B16.5 CLASS 300 RF
	面間距	JIS B2002	ASME B16.10
材質	本體&側蓋	JIS G5121-SCS13A/SCS14A	ASTM A351 GR.CF8/CF8M
		JIS G5151-SCPH2	ASTM A216 GR.WCB
	中軸	ASTM A276 TYPE 304/316	ASTM A276 TYPE 304/316
	球	ASTM A351 GR.CF8/CF8M	ASTM A351 GR.CF8/CF8M
		ASTM A276 TYPE 304/316	ASTM A276 TYPE 304/316
	把手	ASTM A351 GR.CF8	ASTM A351 GR.CF8
		ASTM A216 GR. WCB	ASTM A216 GR.WCB
	球墊	NEW PTFE	NEW PTFE
		▪ 接續平台依照ISO 5211 ▪ 防爆中軸設計/全流量 ▪ 防靜電為標準設計	▪ 接續平台依照ISO 5211 ▪ 防爆中軸設計/全流量 ▪ 防靜電為標準設計

法蘭球閥

型號		F605D
尺寸範圍		2"~10"
工作條件	最大溫度	2"~6" 160 °C
		8"~10" 60 °C
	壓力等級	CLASS 125LB
	最大工作壓力	200 psi (14 bars) CWP
規範	面間距	鑄鐵法蘭標準依據 ANSI B16.10 Class 125
材質	本體	CAST IRON, ASTM A126 CLASS B
	蓋	CAST IRON, ASTM A126 CLASS B
	中軸	ASTM A276 TYPE 304
	球	ASTM A351 GR.CF8
	把手	SPB SCH40 PIPE
	手輪	DUCTILE IRON
	球墊	PTFE

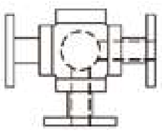
- 表面塗佈環氧樹脂
- 8"以上裝備手動齒輪



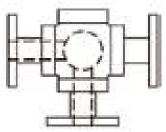
2"~6"　8"~10"

F605D CLASS 125LB

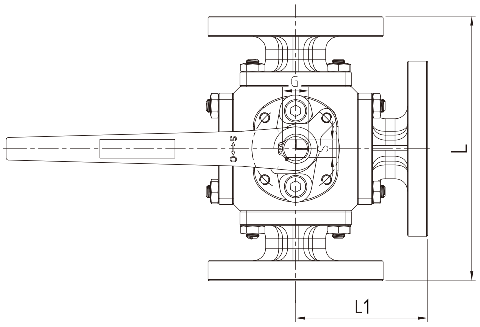
尺寸		A	ØB	Ød	P	K
MM	INCH					
50	2"	178	152	50.8	229	55
65	2-1/2"	191	178	63.5	406	53
80	3"	203	190	76.2	406	54.5
100	4"	229	229	101.6	500	57
150	6"	267	279	152.4	660	73
200	8"	292	343	203	337	508
250	10"	330	406	254	337	508

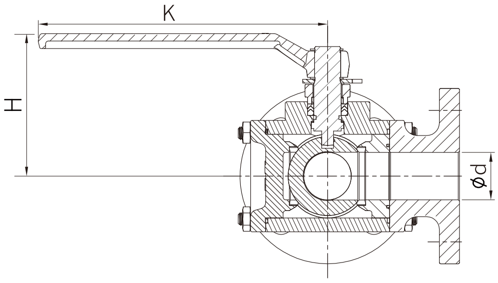


L PORT(1)



L PORT(2)





型號		BBW602 JIS 10K 三通法蘭球閥
尺寸範圍		1 1/2" & 2 1/2"
工作條件	工作溫度	-29 °C~232 °C
	壓力等級	JIS -10K
規範	法蘭	JIS 10K B 2239
	閥體設計	ASME B16.42
材質	本體&側蓋	JIS G5502-FCD450
	中軸	ASTM A276 TYPE 304
	球	ASTM A351 GR. CF8
		ASTM A 276 TYPE 304
	把手	ASTM A 216 GR.WCB
	盲側蓋	JIS G5502-FCD450
	球墊	PTFE

- 接續平台依照ISO 5211
- 球 L PORT
- 防爆中軸設計/全流量
- 防靜電為標準設計

單位: mm

BBW602 JIS 10K

尺寸		Ød	K	L	L1	H
MM	INCH					
40	1-1/2"	38	231.5	211	105.5	114
65	2-1/2"	63	325	320	160	146

閥門配件

鐵氟龍

PTFE聚四氟乙烯氟素樹脂，是含氟聚合物系列熱塑性塑料，具有低摩擦係數和高絕緣性能。PTFE對大多數物質具有化學惰性。可以承受高溫應用，且抗沾粘特性廣為人知。

選擇正確的閥座止漏密封材料，通常是選擇球閥中具相當關鍵要素。 超過50年經驗，我們可依客戶設計要求提供各式PTFE材料，加入不同比例的玻纖、碳、石墨、不鏽鋼等等材質。

材質表
純PTFE VIRGIN PTFE
變性PTFE材料TFM MODIFIED PTFE
PTFE玻纖材料 GLASS FILLED PTFE:15% Glass Filled PTFE, 25% Glass Filled PTFE
PTFE加軟碳 CARBON FILLED PTFE
PTFE加硬碳 PTFE WITH COAL
PTFE加高溫石墨 GRAPHITE FILLED PTFE
PTFE加不鏽鋼STAINLESS STEEL FILLED PTFE
PTFE加MOS2二硫化鉬 MOLYBDENU M DISULFIDE (MOS2) FILLED PTFE
PTFE加銅 BRONZE FILLED PTFE
PTFE 加尼龍 POLYIMIDE FILLED PTFE

- 另可提供塑膠射出及橡膠製品(如:法蘭護蓋、蝶閥射出球..等等)，可依客戶需求訂製產品，歡迎洽詢。

應用:

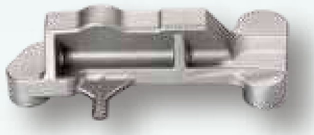
- PTFE工程配管專用法蘭墊片
- PTFE閥座閥門密封件
- PTFE 墊片
- PTFE 背托環
- PTFE O型環
- PTFE 管 / PTFE 波狀管
- PTFE 接頭
- PTFE螺栓 / PTFE螺母
- PTFE 針閥
- 零件 / 客製品
- 墊片 / 墊圈

金屬鑄件加工零件

CNC加工 | 閥件代工 | PED認證

- 球、閥體、閥蓋、閥門中軸等
- 可依客戶要求製作客製化產品
- 和正豐不只生產高品質的不鏽鋼鑄件，也生產其他高合金產品
- 越南鑄造廠獲ISO 9001認證
- 越南鑄造廠獲壓力設備指令 CE 2014/68/EU (Pressure Equipment Directive PED) DGR 97/23/EC及AD2000-W0/TRD 100

材質表	
CF8M / CF8	DUPLEX
CF3M	MONEL
CA15	CE3MN
ALLOY 20	CX2MW
HASTELLOY C	CD3MN
STELLITE 6	可依要求使用特殊材質
SUPER DUPLEX	



執行器

氣動執行器-操作條件

- **電源壓力範圍**

  2.5 bar (36 psi)到 8 bar (116 psi)
  雙動和單動汽缸壓力供應範圍

- **工作溫度**

  標準（丁腈橡膠） -40℃ (-40℉)到+80℃ (+176℉)
  低溫（氫化丁腈橡膠） -55℃ (-67℉)到 +80℃ (+176℉)
  高溫（氟橡膠） -15℃ (-5℉)到 +150℃ (+302℉)
  注意：對於低溫及高溫工況條件下，必須使用特殊潤滑油

- **寬大的汽缸範圍**

  共有17個不同的汽缸型號，扭力範圍以14.4 Nm到11,674 Nm于6bar氣源壓力。

- **工作介質**

  已過濾乾燥或潤滑空氣，腐蝕性氣體，輕質液油壓，最大容許顆粒大小不超過30µm。

- **行程調節範圍**

  0°及90° ±5°標準調節範圍。

- **潤滑**

  所有移動零件部位皆塗著潤滑油以增加汽缸操作壽命。

- **構造**

  兩只活塞齒排齒輪式設計，並適用於室內及室外使用。

- **連接**

  汽缸底部連接依照ISO 5211/DIN 3337標準，電磁閥接口及汽缸頂部連接依照VDI/VDE3845,NAMUR標準。

- **檢測**

  每一只汽缸出廠前皆壓力測試標示鑄造編號。

氣動執行器-特性

- **指示器**

  位置指示器及Namur標準於所有AIR TORQUE 氣動執行器便於安裝相關配件。

- **輸出軸**

  高精密，鍍鎳硬質合金(15µm以上）輸出軸提供低摩擦高耐磨的嚴苛，工況條件並符合ISO 5211及DIN 3337標準，可提供客戶訂製尺寸及不銹鋼及硬鋁合金材料。

- **鋼體**

  擠壓鋁合金鋼體採用硬質氧化處理（30µm以上），提供抗磨蝕並最小化活塞與鋼體摩擦，亦可提供鍍鎳處理，PTFE（聚四氟乙烯）塗磨及環氧樹脂噴塗不同處理。

- **端蓋**

  環氧樹脂噴塗處理（80µm以上）壓鑄鋁合金端蓋提供抗腐蝕性，可提供鍍鎳處理及PTFE（聚四氟乙烯）塗層不同處理。

- **活塞**

  高精密平衡及硬質氧化處理(30µm以上）壓鑄鋁合金活塞配套高質量，密封圈及導向板齒排齒輪式設計提供穩定性扭矩輸出。

- **行程調節**

  標準行程調節±5°度開及關位置可輕易經由兩只獨立外部行程螺栓完成。

- **高性能彈簧**

  高張力彈簧採用鍍鎳處理，提供抗腐蝕及較長使用壽命，預緊式彈簧提供安全及快速拆卸。

- **軸承及導向版**

  耐用復合材料提供低摩擦，高穩定性及使用壽命。

- **密封**

  在常溫工作條件使用丁腈橡膠(NBR),在高溫時使用氟橡膠(Viton),於低溫時使用氫化丁腈橡膠(HNBR)。

和正豐科技

您　實力相挺的好夥伴

MEMO

和正豐科技

FLOW CONTROL

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