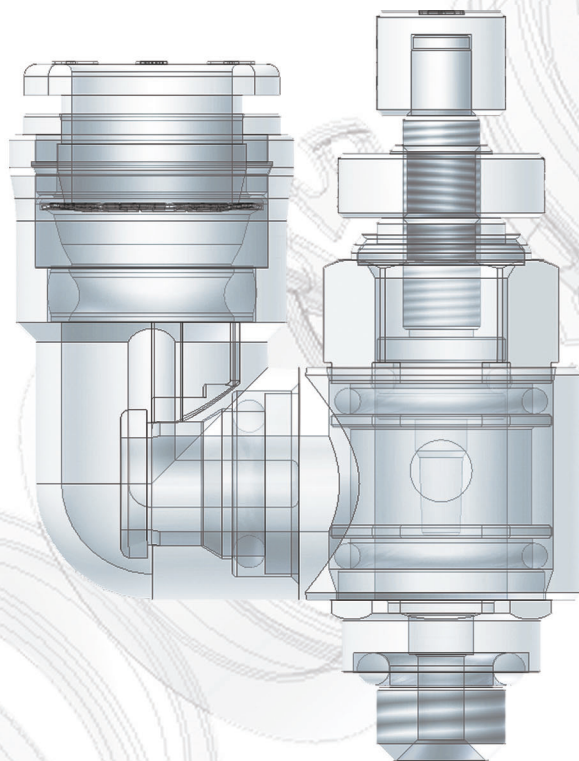


KGN *Pneumatic components* 空壓系統輔助組件



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迷你型快速接頭

MINI TYPE QUICK FITTINGS



P1

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	KTSM	直式內牙 Female Straight	P 4
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迷你型調速閥

MINI TYPE SPEED CONTROLLERS



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標準快速接頭(管徑Tube $\Phi 10 \sim \Phi 12$) STANDARD TYPE QUICK FITTINGS



P14

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	KUY	Y型三通 Union Y	P20
	KUSD	不同徑直式 Different Diameter Union	P20
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標準調速閥 STANDARD TYPE SPEED CONTROLLERS



P21

	KSC	L型 Elbow	P23
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螺帽接頭 CLAMP FITTINGS



P24

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3D 2D PDF



偏差連接器 CYLINDER JOINTS



P25

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3D 2D PDF



消音器 MUFFLERS



P28

	KM- □ -KGN	樹脂消音器 Plastic Mufflers	P28
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迷你型快速接頭 MINI TYPE QUICK FITTINGS



特點 Features

■ 專利設計 Patent Design

特殊專利機構，有效降低配管外徑損傷。

Special patent mechanism reduce the outer diameter of tube be damaged.



使用  KGN 專利接頭
Use  KGN patent fitting



使用市面上接頭
Use the general fitting

配管無傷痕優點：

1. 重覆插拔配管，不需剪管。
2. 密封確實，不漏氣、不爆管。
3. 輕鬆插拔配管。

Advantage of non-damage tube：

1. It can be insert and pull out the tube repeatedly.
2. Non-leakage and non-burst due to seal completely.
3. Easy to insert and pull out.

配管產生傷痕造成的影響：

1. 造成配管漏氣。
2. 配管易斷裂、爆管。
3. 配管無法順利插拔。

Disadvantage of damage tube：

1. Leakage may result.
2. Easy to break and burst.
3. Hardly to pull out the tube.

■ 符合RoHS規範 Conformance with requirements of RoHS

1. 鎘和鎘其化合物 Cadmium(Cd)/Cadmium Compounds (Less than 100 ppm)
2. 鉛和鉛其化合物 Lead(Pb)/Lead Compounds (Less than 1,000 ppm)
3. 汞和汞其化合物 Mercury(Hg)/Mercury Compounds (Less than 1,000 ppm)
4. 六價鉻化合物 Hexavalent-Chromium(Cr6+) Compounds (Less than 1,000 ppm)
5. 聚溴聯苯 PBB (Less than 1,000 ppm)
6. 聚溴聯苯醚 PBDE (Less than 1,000 ppm)

■ 防漏預塗膠 Pre-applied coatings for sealing

非坊間使用之白漆，本公司採用特殊水性氟素樹脂塗佈螺牙，抗溶劑性佳、不易脫落，節省組裝時間並符合RoHs的環保要求。

We use a unique water-based PTEF resin coating applied on threads of a fitting.

- Exceptional adjusting or sealing.
- Reusable.
- Conformance with requirements of RoHS and HF (bromine & chlorine).



■ 提供數位資訊 Digital information

本公司提供3D立體圖及2D平面圖，方便工程人員設計製圖，節省客戶寶貴時間。

We provide 3D stereogram and 2D floor plans.

 3D *.igs

 2D *.dxf AutoCAD 2004/LT2004 DXF later

 PDF *.pdf Acrobat 4(PDF 1.3) later

接頭使用方法 How to Use

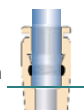
置入配管 - 置入尼龍管或 PU 配管。

Tube insertion - Insert the nylon tube or the PU tube.



將配管慢推至最底部後，輕拉配管確認安裝完成。

Insert a tubing to the tube end of fitting. Pull the tube lightly in order to make sure that install completely.

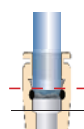


O

推送配管，至無法再進入為止。

Insert a tubing to the tube end of fitting.

X



置入配管未到達底部，有配管脫落及漏氣的危險。

If the tube is not the end of fitting, the tube may come off or leakage may result.

拔除配管 - 請於釋放空氣壓力後再進行拔除配管。

Pulling out tubing-

Before pulling out the tube, please make sure that release the pressure inside the tube.



請平行推送釋放壓環，同時反向施力拔除配管。

While pushing the release ring, pulling out the tube.

配管公差 Tube O.D. tolerance

使用配管前，請先確認配管外徑精度，避免鬆脫或漏氣...等狀況。

Before using the tubing, please confirmed the tube outer diameter avoid the tube may come off or leakage may result etc.

配管外徑 Tube O.D.	公差 Tube O.D. tolerance	
	尼龍配管 Nylon tube	PU配管 Polyurethane tube
Ø 4	± 0.1	± 0.15
Ø 6	± 0.1	± 0.15
Ø 8	± 0.1	± 0.15

單位 Unit : mm

鎖附接頭 Locking Fitting



1. 鎖附六角本體時，請使用適合的扳手固定。

When tightening the fitting, please use the appropriate spanner.

2. 鎖附本體時，請注意鎖附之扭力，適當的鎖附扭力如下：

(1) 鎖附 M3M 時：在徒手捏緊後，再行使用扳手 ↻ 順時針旋轉 1/4 圈。

(2) 鎖附 M5M 時：在徒手捏緊後，再行使用扳手 ↻ 順時針旋轉 1/6 圈。

(3) 其他牙徑，請參考下表：

When tightening the fitting body, please make sure that the torque is proper. Please refer to following :

(1) Locking M3M : After tightening the fitting body by hand, turn approximately 1/4 turn with a Hex key.

(2) Locking M5M : After tightening the fitting body by hand, turn approximately 1/6 turn with a Hex key.

(3) The others, please refer to following table.

記號 Mark	牙徑 Thread size	適當扭力 Appropriate torque N.m (kgf.cm)
01M	R 1/8	7~9 (70~90)
02M	R 1/4	12~14 (120~140)
03M	R 3/8	22~24 (220~240)



鎖附過緊 - 導致螺絲部位斷裂。
鎖附過鬆 - 本體鬆動，造成密封不良。



Too tight - may damage thread.
Too loose - may cause loose screw and leakage.

單位換算表 Conversion factors

1. 壓力 Pressure $\text{MPa} \rightarrow \text{kgf/cm}^2$ (1MPa=10.1972kgf/cm²)
 $\text{kgf/cm}^2 \rightarrow \text{MPa}$ (1kgf/cm²=0.0980665Mpa)

MPa	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
kgf/cm ²	1.02	2.04	3.06	4.08	5.10	6.12	7.14	8.16	9.18	10.2

2. 力 Power $\text{kgf} \rightarrow \text{N}$ (1kgf=9.80665N)
 $\text{N} \rightarrow \text{kgf}$ (1N=0.101972kgf)

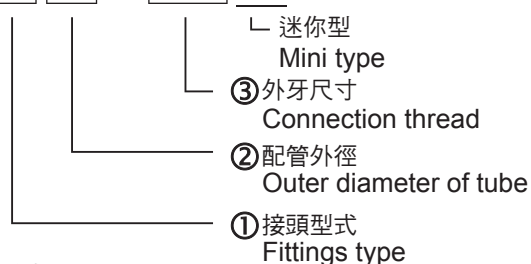
kgf	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
N	0.981	1.961	2.942	3.923	4.903	5.884	6.865	7.845	8.826	9.807

仕樣 Specifications

使用流體	Fluid	壓縮空氣、真空 Compressed Air, Vacuum
最高使用壓力	Pressure(Max.)	1.0 MPa {10.2 kgf/cm ² }
使用真空壓力	Negative pressure	-100 kPa {-750 mmHg}
使用溫度範圍	Temperature range	0~60°C
配管種類	Recommended tube	尼龍管、PU管 Nylon tube, Polyurethane tube

訂貨符號說明 Order Codes

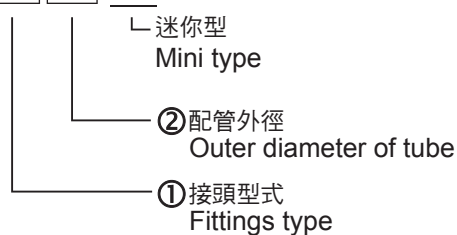
KTS 4-01 M



① 接頭型式 Fittings type

形狀 Shape	記號 Mark	接頭型式 Fittings type	頁碼 Page
	KTS	直式 Straight	P 4
	KTSH	直式內六角 Hexagon Socket Head Straight	P 4
	KTSM	直式內牙 Female Straight	P 4
	KUKM	內牙隔壁 Female Bulkhead Union	P 5
	CTL	L型 Elbow	P 5
	CTL	L型加長 Long Elbow	P 5
	KSL	L型搖擺 Swing Elbow	P 6
	KSLM	三通搖擺 Swing Union	P 6
	KT	T型 Tee	P 6
	KT	T支型 Branch Tee	P 7

KUL 4 M



① 接頭型式 Fittings type

形狀 Shape	記號 Mark	接頭型式 Fittings type	頁碼 Page
	KUL	L型連接 Union Elbow	P 7
	KUS	直式連接 Union Straight	P 7
	KUT	T型三通 Union Tee	P 8
	KUY	Y型三通 Union Y	P 8
	KUSD	不同徑直式 Different Diameter Union	P 8
	KUTD	不同徑T型三通 Different Diameter Union Tee	P 9
	KUYD	不同徑Y型三通 Different Diameter Union Y	P 9

② 配管外徑 Outer diameter of tube

記號 Mark	適用管徑 Outer diameter of tube	X	Y
4	Ø 4	8.0	9.8
6	Ø 6	9.9	11.7
8	Ø 8	13.5	13.5



單位 Unit : mm

③ 外牙尺寸 Connection thread

記號 Mark	牙徑 Thread size
M3M	M3X0.5
M5M	M5X0.8
01 M	R 1/8
02 M	R 1/4
03 M	R 3/8

直式接頭
Straight

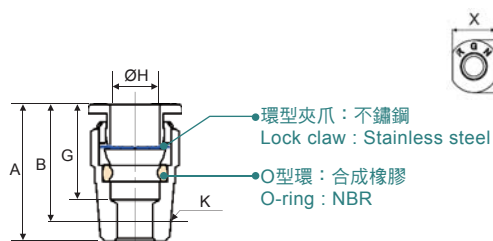
KTS



釋放壓環：工程塑膠
Release ring : POM

I (對邊 Spanner flats)
J (對角 Diagonal)

金屬本體：黃銅鍍鎳
Metal main body :
Brass (nickel plated)



型號 Model	管徑 Tube H	K (Rc)	A	B	G	I	J	X	Y	*Z	重量 Mass (g)
KTS4-M5M	4	M5x0.8	16.5	13.1	11.8	8.0	8.7	8.0	9.8	1.9	3.2
KTS4-01M	4	R1/8	15.5	11.8	11.8	10.0	11.0	8.0	9.8	5.3	5.4
KTS6-M5M	6	M5x0.8	17.7	14.3	12.4	10.0	11.0	9.9	11.7	1.9	4.1
KTS6-01M	6	R1/8	17.7	14.0	12.4	10.0	11.0	9.9	11.7	12.5	5.3
KTS6-02M	6	R1/4	19.3	14.3	12.4	14.0	15.0	9.9	11.7	12.5	12.4
KTS8-01M	8	R1/8	26.1	22.3	17.7	14.0	15.0	13.5	13.5	20.0	13.4
KTS8-02M	8	R1/4	24.6	19.6	17.7	14.0	15.0	13.5	13.5	20.0	13.8
KTS8-03M	8	R3/8	23.6	18.1	17.7	17.0	18.5	13.5	13.5	20.0	23.8

*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

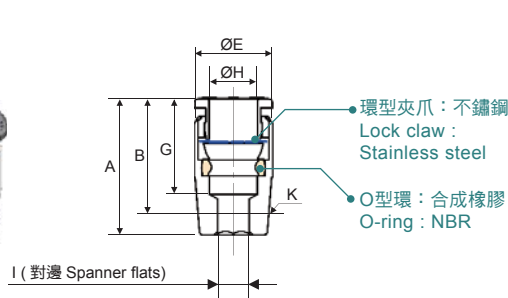
直式內六角接頭
Hexagon socket head
straight

KTSH



釋放壓環：工程塑膠
Release ring : POM

金屬本體：黃銅鍍鎳
Metal main body :
Brass (nickel plated)
*KTSH4-M3M
不鏽鋼 Stainless steel



型號 Model	管徑 Tube H	K (Rc)	A	B	E	G	I	X	Y	*Z	重量 Mass (g)
KTSH4-M3M	4	M3x0.5	16.1	13.1	8.0	11.8	1.5	8.0	9.8	1.8	2.2
KTSH4-M5M	4	M5x0.8	16.5	13.1	8.0	11.8	2.5	8.0	9.8	2.0	4.0
KTSH4-01M	4	R1/8	15.5	11.8	10.0	11.8	3.0	8.0	9.8	3.6	5.6
KTSH6-M5M	6	M5x0.8	17.7	14.3	10.0	12.4	2.5	9.9	11.7	3.2	4.0
KTSH6-01M	6	R1/8	17.7	14.0	10.0	12.4	4.0	9.9	11.7	11.0	5.2
KTSH6-02M	6	R1/4	21.3	16.3	13.5	12.4	4.0	9.9	11.7	11.0	15.1
KTSH8-01M	8	R1/8	26.1	22.3	14.0	17.7	5.0	13.5	13.5	17.0	12.4
KTSH8-02M	8	R1/4	24.6	19.6	14.0	17.7	6.0	13.5	13.5	20.0	12.8
KTSH8-03M	8	R3/8	23.6	18.1	17.0	17.7	6.0	13.5	13.5	20.0	23.0

*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

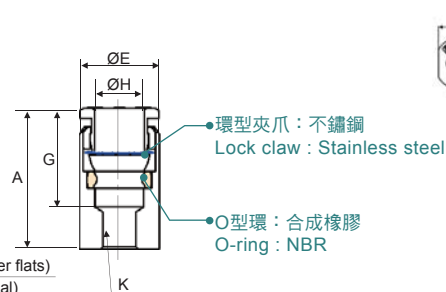
直式內牙接頭
Female straight

KTSM



釋放壓環：工程塑膠
Release ring : POM

金屬本體：黃銅鍍鎳
Metal main body :
Brass (nickel plated)



型號 Model	管徑 Tube H	K (Rc)	A	E	G	I	J	X	Y	*Z	重量 Mass (g)
KTSM4-M5M	4	M5x0.8	17.3	8.0	11.8	8.0	8.7	8.0	9.8	3.5	4.1
KTSM6-M5M	6	M5x0.8	17.7	10.0	12.4	10.0	11.0	9.9	11.7	15.9	6.2

*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

內牙隔壁接頭

Female bulkhead union

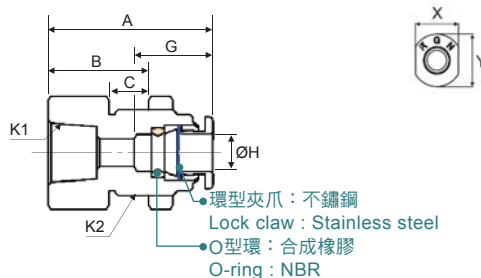
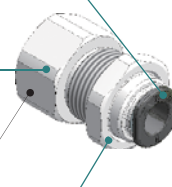
KUKM



釋放壓環：工程塑膠
Release ring : POM

金屬本體：黃銅鍍鎳
Metal main body :
Brass (nickel plated)
2-I (對邊 Spanner flats)
2-J (對角 Diagonal)

螺帽：黃銅鍍鎳
Nut : Brass (nickel plated)



環型夾爪：不銹鋼
Lock claw : Stainless steel
O型環：合成橡膠
O-ring : NBR

型號 Model	管徑 Tube H	K1 (Rc)	K2	A	B	C	G	I	J	X	Y	*Z	重量 Mass (g)
KUKM4-01M	4	R1/8	M12X1	24.5	15.9	5.9	11.8	14.0	15.0	8.0	9.8	5.8	18.0
KUKM6-01M	6	R1/8	M14X1	27.0	16.5	6.5	12.4	17.0	18.5	9.9	11.7	13.8	30.2
KUKM6-02M	6	R1/4	M14X1	30.0	20.5	7.5	12.4	17.0	18.5	9.9	11.7	12.7	30.6
KUKM8-01M	8	R1/8	M16X1	27.5	17.5	8.0	17.7	19.0	21.0	13.5	13.5	22.5	39.3
KUKM8-02M	8	R1/4	M16X1	30.5	20.5	8.0	17.7	19.0	21.0	13.5	13.5	23.4	40.1
KUKM8-03M	8	R3/8	M16X1	31.5	21.5	8.0	17.7	19.0	21.0	13.5	13.5	22.3	33.3

*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

L型接頭

Elbow

KTL

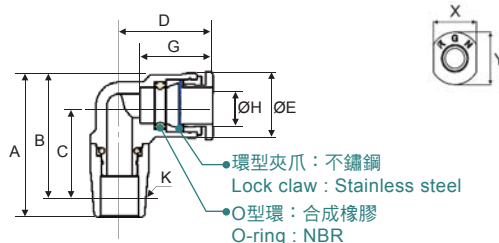


釋放壓環：工程塑膠
Release ring : POM

塑膠本體：工程塑膠
Plastic body : PBT

I (對邊 Spanner flats)
J (對角 Diagonal)

金屬本體：黃銅鍍鎳
Metal main body :
Brass (nickel plated)
*KTL4-M3M 不銹鋼 Stainless steel



環型夾爪：不銹鋼
Lock claw : Stainless steel
O型環：合成橡膠
O-ring : NBR

型號 Model	管徑 Tube H	K (Rc)	A	B	C	D	E	G	I	J	X	Y	*Z	重量 Mass (g)
KTL4-M3M	4	M3x0.5	18.8	15.8	11.6	14.5	8.5	11.8	8.0	8.7	8.0	9.8	1.3	5.1
KTL4-M5M	4	M5x0.8	19.1	15.8	11.5	14.5	8.5	11.8	8.0	8.7	8.0	9.8	1.5	4.8
KTL4-01M	4	R1/8	21.2	17.3	13.1	14.5	8.5	11.8	10.0	11.0	8.0	9.8	4.2	7.7
KTL6-M5M	6	M5x0.8	22.1	18.7	13.2	17.3	11.0	12.4	8.0	8.7	9.9	11.7	1.5	4.3
KTL6-01M	6	R1/8	24.5	20.8	15.3	16.0	11.0	12.4	10.0	11.0	9.9	11.7	10.0	6.5
KTL6-02M	6	R1/4	29.0	23.5	18.0	16.0	11.0	12.4	14.0	15.0	9.9	11.7	10.0	13.9
KTL8-01M	8	R1/8	28.5	24.5	17.0	22.3	15.0	17.7	12.0	13.0	13.5	13.5	16.5	10.7
KTL8-02M	8	R1/4	30.5	25.2	17.8	22.3	15.0	17.7	14.0	15.0	13.5	13.5	16.5	15.7
KTL8-03M	8	R3/8	32.5	26.8	19.3	22.3	15.0	17.7	17.0	18.5	13.5	13.5	16.5	22.8

*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

L型加長接頭

Long elbow

KTLL

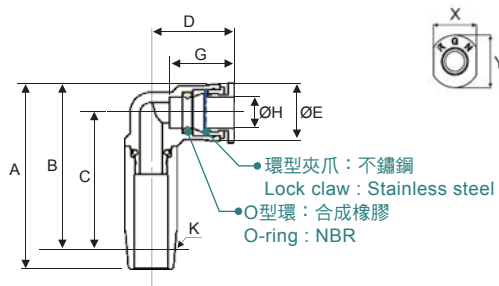
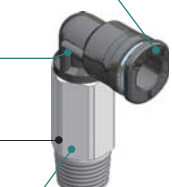


釋放壓環：工程塑膠
Release ring : POM

塑膠本體：工程塑膠
Plastic body : PBT

I (對邊 Spanner flats)
J (對角 Diagonal)

金屬本體：黃銅鍍鎳
Metal main body :
Brass (nickel plated)



環型夾爪：不銹鋼
Lock claw : Stainless steel
O型環：合成橡膠
O-ring : NBR

型號 Model	管徑 Tube H	K (Rc)	A	B	C	D	E	G	I	J	X	Y	*Z	重量 Mass (g)
KTLL4-M5M	4	M5x0.8	30.2	26.7	22.5	14.5	8.5	11.8	8.0	8.7	8.0	9.8	1.5	9.8
KTLL4-01M	4	R1/8	32.7	28.7	24.5	14.5	8.5	11.8	10.0	11.0	8.0	9.8	4.2	11.4
KTLL6-M5M	6	M5x0.8	33.9	30.5	25.0	17.3	11.0	12.4	8.0	8.7	9.9	11.7	1.5	9.3
KTLL6-01M	6	R1/8	36.0	32.3	26.8	16.0	11.0	12.4	10.0	11.0	9.9	11.7	10.0	11.6
KTLL6-02M	6	R1/4	41.1	35.6	30.1	16.0	11.0	12.4	14.0	15.0	9.9	11.7	10.0	25.8
KTLL8-01M	8	R1/8	44.0	40.3	32.8	22.3	15.0	17.7	12.0	13.0	13.5	13.5	16.5	19.9
KTLL8-02M	8	R1/4	46.0	40.8	33.3	22.3	15.0	17.7	14.0	15.0	13.5	13.5	16.5	23.2
KTLL8-03M	8	R3/8	48.0	42.7	35.3	22.3	15.0	17.7	17.0	18.5	13.5	13.5	17.8	27.9

*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

L型搖擺接頭 Swing elbow

KSL

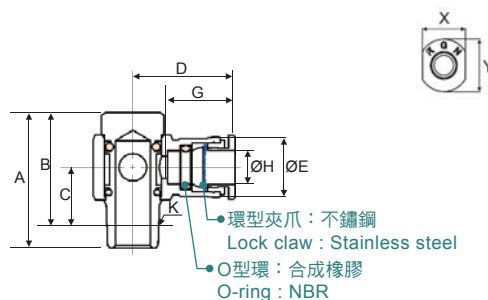
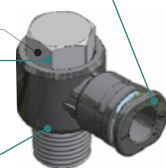
3D 2D PDF PAT.

釋放壓環：工程塑膠
Release ring : POM

I(對邊 Spanner flats)
J(對角 Diagonal)

金屬本體：黃銅鍍鎳
Metal main body :
Brass (nickel plated)

塑膠本體：工程塑膠
Plastic body : PBT



型號 Model	管徑 Tube H	K (Rc)	A	B	C	D	E	G	I	J	X	Y	*Z	重量 Mass (g)
KSL4-M5M	4	M5X0.8	18.4	15.0	7.8	17.5	11.0	12.2	8.0	9.1	8.0	9.8	2.0	8.3
KSL4-01M	4	R1/8	24.8	20.8	10.8	18.9	11.0	12.2	10.0	11.4	8.0	9.8	4.6	11.8
KSL6-M5M	6	M5X0.8	18.4	15.0	7.8	17.3	11.0	12.4	8.0	9.1	9.9	11.7	1.9	7.8
KSL6-01M	6	R1/8	24.8	20.8	10.8	18.7	11.0	12.4	10.0	11.4	9.9	11.7	10.9	11.3
KSL8-01M	8	R1/8	24.8	20.6	10.6	24.8	15.0	17.7	10.0	11.4	13.5	13.5	14.9	13.6
KSL8-02M	8	R1/4	29.4	24.2	14.1	27.0	15.0	17.7	14.0	15.5	13.5	13.5	19.7	25.2

*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

三通搖擺接頭 Swing union

KSLM

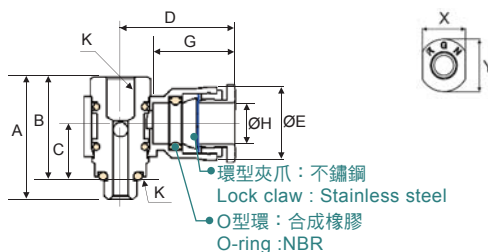
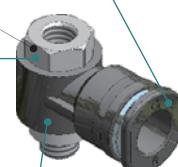
3D 2D PDF PAT.

釋放壓環：工程塑膠
Release ring : POM

I(對邊 Spanner flats)
J(對角 Diagonal)

金屬本體：黃銅鍍鎳
Metal main body :
Brass (nickel plated)

塑膠本體：工程塑膠
Plastic body : PBT



型號 Model	管徑 Tube H	K (Rc)	A	B	C	D	E	G	I	J	X	Y	*Z	重量 Mass (g)
KSLM4-M5M	4	M5X0.8	18.4	15.0	7.8	17.5	11.0	12.2	8.0	9.1	8.0	9.8	2.0	7.5
KSLM6-M5M	6	M5X0.8	18.4	15.0	7.8	17.2	11.0	12.4	8.0	9.1	9.9	11.7	1.9	7.0

*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

T型接頭 Tee

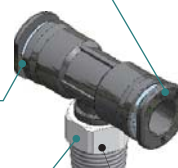
KTT

3D 2D PDF PAT.

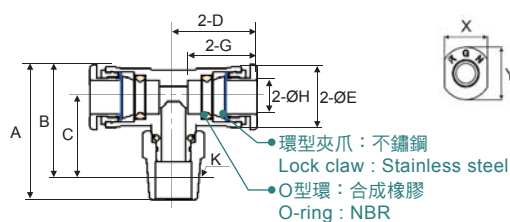
釋放壓環：工程塑膠
Release ring : POM

塑膠本體：工程塑膠
Plastic body : PBT

金屬本體：黃銅鍍鎳
Metal main body :
Brass (nickel plated)
*KTT4-M3M 不鏽鋼 Stainless steel



I(對邊 Spanner flats)
J(對角 Diagonal)



型號 Model	管徑 Tube H	K (Rc)	A	B	C	D	E	G	I	J	X	Y	*Z	重量 Mass (g)
KTT4-M3M	4	M3X0.5	19.3	16.3	12.1	14.1	8.5	11.8	8.0	8.7	8.0	9.8	1.5	4.2
KTT4-M5M	4	M5X0.8	19.7	16.3	12.1	14.1	8.5	11.8	8.0	8.7	8.0	9.8	1.5	7.1
KTT4-01M	4	R1/8	21.7	17.9	13.6	14.1	8.5	11.8	10.0	11.0	8.0	9.8	4.1	10.7
KTT6-M5M	6	M5X0.8	21.3	17.9	12.4	15.0	11.0	12.4	8.0	8.7	9.9	11.7	1.5	6.0
KTT6-01M	6	R1/8	24.2	20.2	14.7	15.0	11.0	12.4	10.0	11.0	9.9	11.7	10.0	8.2
KTT6-02M	6	R1/4	28.7	23.0	17.5	15.0	11.0	12.4	14.0	15.0	9.9	11.7	10.0	15.7
KTT8-01M	8	R1/8	30.7	26.8	19.3	22.1	15.0	17.7	12.0	13.0	13.5	13.5	16.5	15.1
KTT8-02M	8	R1/4	32.8	27.5	20.0	22.1	15.0	17.7	14.0	15.0	13.5	13.5	16.5	19.7
KTT8-03M	8	R3/8	34.7	29.0	21.5	22.1	15.0	17.7	17.0	18.5	13.5	13.5	16.5	26.7

*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

T支型接頭 Branch tee

KTB

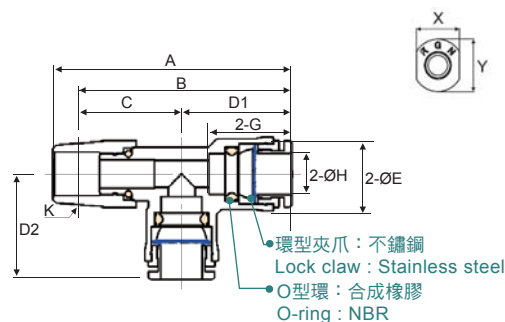
3D 2D PDF 專利 PAT.

釋放壓環：工程塑膠
Release ring : POM

I(對邊 Spanner flats)
J(對角 Diagonal)

塑膠本體：工程塑膠
Plastic body : PBT

金屬本體：黃銅鍍鎳
Metal main body :
Brass (nickel plated)
★ KTB4-M3M
不鏽鋼 Stainless steel



型號 Model	管徑 Tube H	K (Rc)	A	B	C	D1	D2	E	G	I	J	X	Y	*Z	重量 Mass (g)
KTB4-M3M	4	M3X0.5	29.1	26.1	12.1	14.1	14.1	8.5	11.8	8.0	8.7	8.0	9.8	1.9	4.2
KTB4-M5M	4	M5X0.8	29.5	26.1	12.0	14.1	14.1	8.5	11.8	8.0	8.7	8.0	9.8	1.9	7.1
KTB4-01M	4	R1/8	31.6	27.7	13.6	14.1	14.1	8.5	11.8	10.0	11.0	8.0	9.8	4.3	7.6
KTB6-M5M	6	M5X0.8	33.7	30.3	13.8	16.5	16.5	11.0	12.4	8.0	8.7	9.9	11.7	1.9	6.0
KTB6-01M	6	R1/8	35.9	32.2	15.7	16.5	16.5	11.0	12.4	10.0	11.0	9.9	11.7	12.5	8.2
KTB6-02M	6	R1/4	40.4	34.9	18.4	16.5	16.5	11.0	12.4	14.0	15.0	9.9	11.7	12.5	15.7
KTB8-01M	8	R1/8	46.3	42.4	19.8	22.6	21.7	15.0	17.7	12.0	13.0	13.5	13.5	20.0	14.6
KTB8-02M	8	R1/4	48.3	43.1	20.5	22.6	21.7	15.0	17.7	14.0	15.0	13.5	13.5	20.0	20.1
KTB8-03M	8	R3/8	50.3	44.6	22.0	22.6	21.7	15.0	17.7	17.0	18.5	13.5	13.5	20.0	27.1

★Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

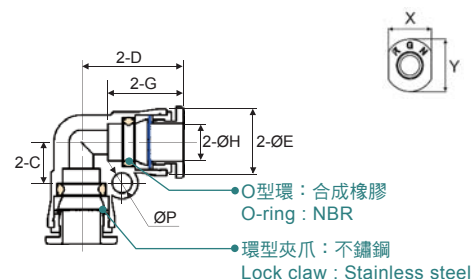
L型連接接頭 Union elbow

KUL

3D 2D PDF 專利 PAT.

釋放壓環：工程塑膠
Release ring : POM

塑膠本體：工程塑膠
Plastic body : PBT



型號 Model	管徑 Tube H	C	D	E	G	P	X	Y	*Z	重量 Mass (g)
KUL4M	4	5.6	14.1	8.5	11.8	3.2	8.0	9.8	4.2	5.4
KUL6M	6	6.7	16.8	11.0	12.4	3.25	9.9	11.7	10.0	4.3
KUL8M	8	10.0	22.8	15.0	17.7	4.2	13.5	13.5	16.5	10.1

★Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

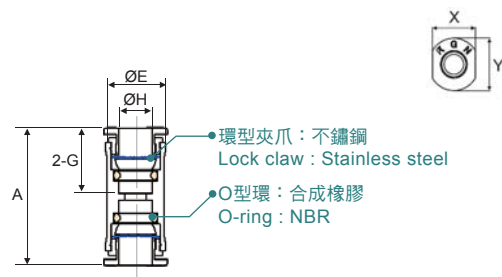
直式連接接頭 Union straight

KUS

3D 2D PDF 專利 PAT.

釋放壓環：工程塑膠
Release ring : POM

塑膠本體：工程塑膠
Plastic body : PBT



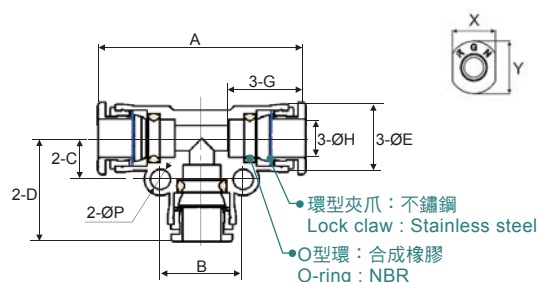
型號 Model	管徑 Tube H	A	E	G	X	Y	*Z	重量 Mass (g)
KUS4M	4	24.5	8.5	11.8	8.0	9.8	5.3	4.7
KUS6M	6	26.0	11.0	12.4	9.9	11.7	12.5	3.6
KUS8M	8	37.2	15.0	17.7	13.5	13.5	20.0	8.3

★Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

T型三通接頭 Union tee

KUT



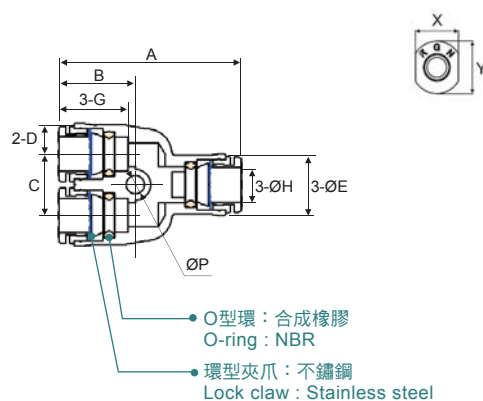
型號 Model	管徑 Tube H	A	B	C	D	E	G	P	X	Y	*Z	重量 Mass (g)
KUT4M	4	28.2	11.2	5.6	14.2	8.5	11.8	3.2	8.0	9.8	5.3	7.8
KUT6M	6	33.5	13.4	6.7	16.9	11.0	12.4	3.25	9.9	11.7	12.5	6.1
KUT8M	8	45.7	18.0	9.0	22.9	15.0	17.7	3.5	13.5	13.5	20.0	14.0

*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

Y型三通接頭 Union Y

KUY



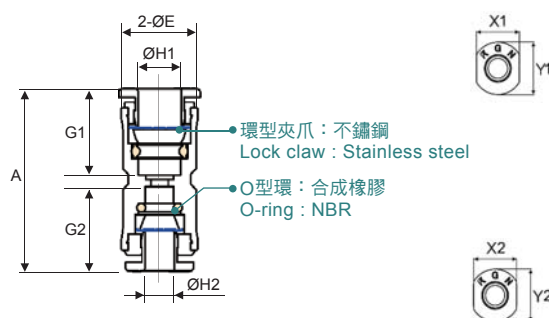
型號 Model	管徑 Tube H	A	B	C	D	E	G	P	X	Y	*Z	重量 Mass (g)
KUY4M	4	27.6	12.6	8.5	4.3	8.5	11.8	3.2	8.0	9.8	4.2	8.0
KUY6M	6	32.6	13.7	11.0	5.5	11.0	12.4	3.25	9.9	11.7	10.0	6.4
KUY8M	8	41.9	18.2	15.0	7.5	15.0	17.7	3.2	13.5	13.5	16.5	13.6

*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

不同徑直式接頭 Different diameter union

KUSD



型號 Model	管徑 Tube H1	管徑 Tube H2	A	E	G1	G2	X1	Y1	X2	Y2	*Z	重量 Mass (g)
KUSD6-4M	6	4	26.3	11.0	12.4	12.2	9.9	11.7	8.0	9.8	5.3	4.2
KUSD8-6M	8	6	35.6	15.0	17.7	12.4	13.5	13.5	9.9	11.7	12.5	7.6

*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

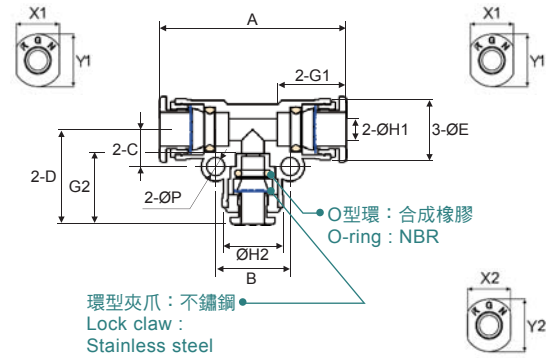
不同徑T型三通接頭
Different diameter union Tee

KUTD



釋放壓環：工程塑膠
Release ring : POM

塑膠本體：工程塑膠
Plastic body : PBT



型號 Model	管徑 Tube H1	管徑 Tube H2	A	B	C	D	E	G1	G2	P	X1	Y1	X2	Y2	*Z	重量 Mass (g)
KUTD4-6M	4	6	34.0	13.4	6.7	16.8	11.0	12.2	12.4	3.25	8.0	9.8	9.9	11.7	7.3	7.4
KUTD6-4M	6	4	33.5	13.4	6.7	17.0	11.0	12.4	12.2	3.25	9.9	11.7	8.0	9.8	7.3	6.7
KUTD8-6M	8	6	45.7	18.0	9.0	21.4	15.0	17.7	12.4	3.5	13.5	13.5	9.9	11.7	12.5	14.0

*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

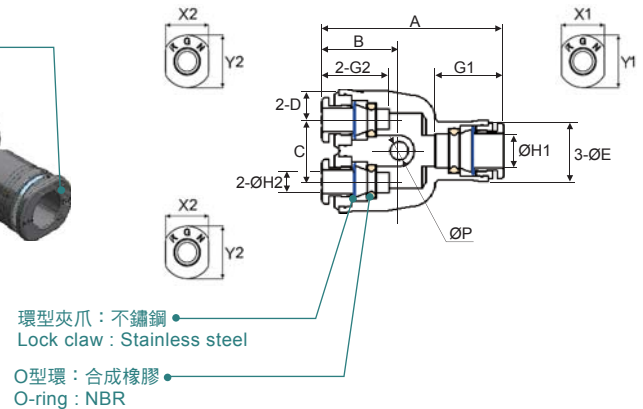
不同徑Y型三通接頭
Different diameter union Y

KUYD



釋放壓環：工程塑膠
Release ring : POM

塑膠本體：工程塑膠
Plastic body : PBT



型號 Model	管徑 Tube H1	管徑 Tube H2	A	B	C	D	E	G1	G2	P	X1	Y1	X2	Y2	*Z	重量 Mass (g)
KUYD6-4M	6	4	32.9	13.9	11.0	5.5	11.0	12.4	12.2	3.25	9.9	11.7	8.0	9.8	4.2	7.5
KUYD8-6M	8	6	40.3	16.6	15.0	7.5	15.0	17.7	12.4	3.2	13.5	13.5	9.9	11.7	10.0	13.6

*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

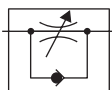


迷你型調速閥

MINI TYPE SPEED CONTROLLERS



特點 Features



表示記號
Symbol

■ 流量特性穩定 Flow characteristics is stable

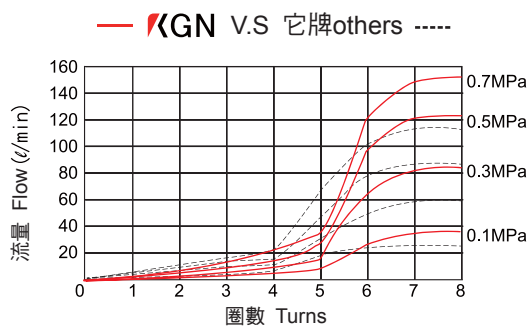
高流量時增大30%流量，氣缸速度控制更寬廣。

低流量穩定，氣缸慢速微調更準確。

The cylinder's speed-control range is wide, when the flow advancing 30% of flow.

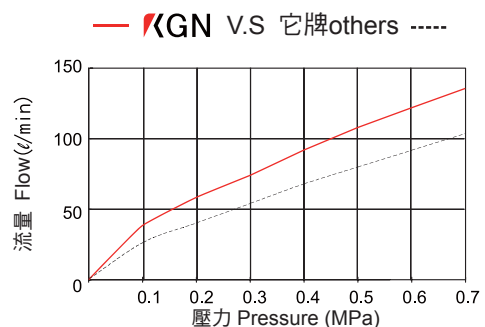
Low-flow is stable for precision adjustment.

控制流量 Controlled flow



★ KGN KSC □-M5M

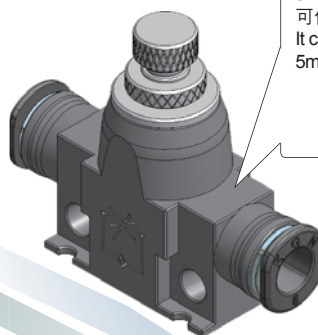
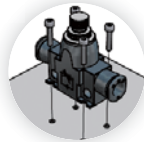
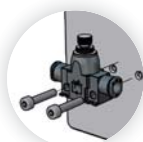
自由流量 Free flow



★ KGN KSC □-M5M

■ 運用更靈活 Various types for using

KSSU Series



5mmX10mm尺寸的平面，
可供貼標示使用。
It can be pasted up
5mmX10mm of label.



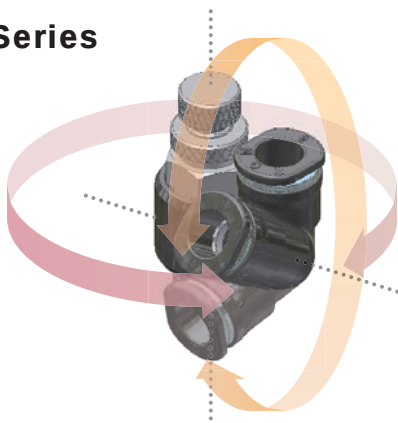
自由流量
Free flow

控制流量
Controlled flow

KSC Series



KSS Series



流量特性表 Flow characteristics table

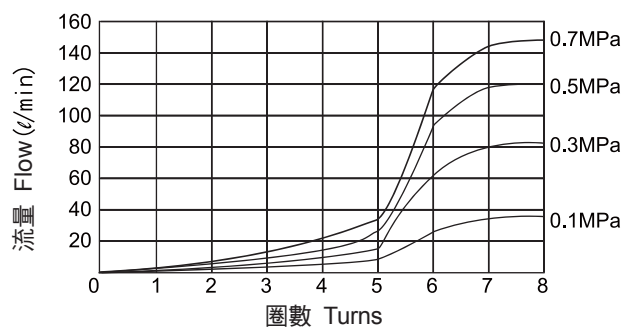
控制流量 Controlled flow

KSC4-M5M

KSS4-M5M

KSC6-M5M

KSS6-M5M

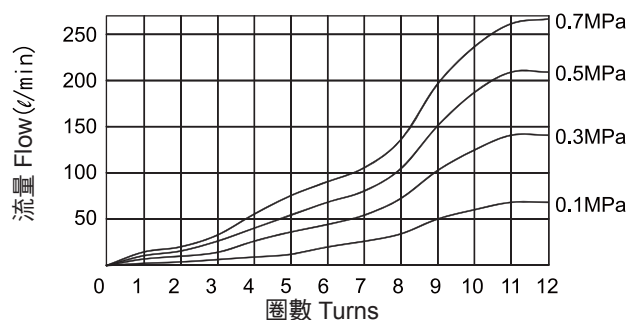


KSC4-01M

KSS4-01M

KSC6-01M

KSS6-01M



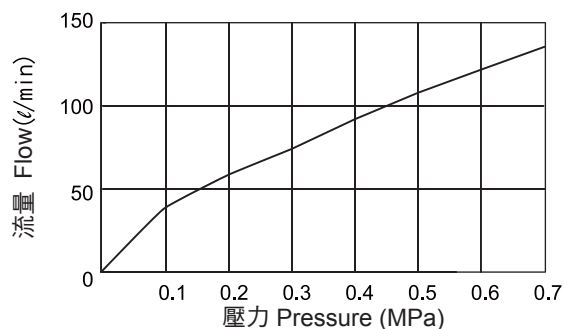
自由流量 Free flow

KSC4-M5M

KSS4-M5M

KSC6-M5M

KSS6-M5M

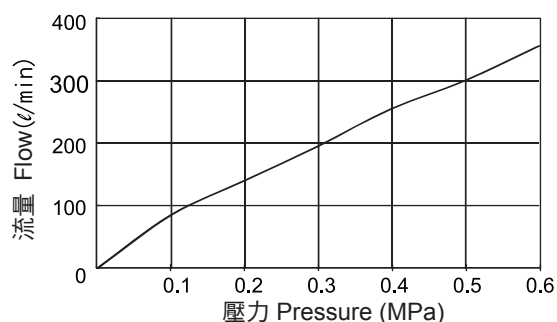


KSC4-01M

KSS4-01M

KSC6-01M

KSS6-01M



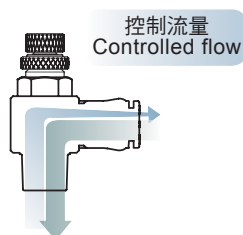
表示記號及控制方向 Mark and direction of control

OUT 排氣調節型 Meter out control

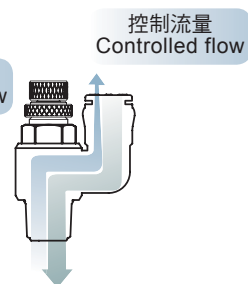
調整旋鈕：調整流量大小
Lock : Controlled flow
固定螺帽 Lock nut

A. 表示記號(Mark)
A. 固定螺帽-銀色
Mark silver lock nut

KSC



KSS



自由流量
Free flow

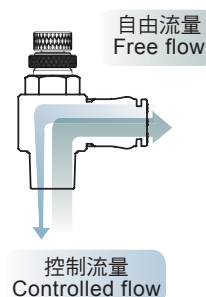
自由流量
Free flow

IN 進氣調節型 Meter in control

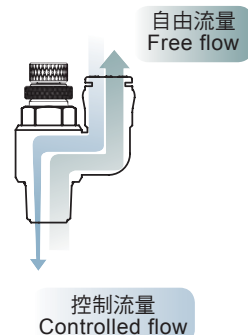
調整旋鈕：調整流量大小
Lock : Controlled flow
固定螺帽 Lock nut

B. 表示記號(Mark)
B. 固定螺帽-黑色
Mark black lock nut

KSC



KSS



控制流量
Controlled flow

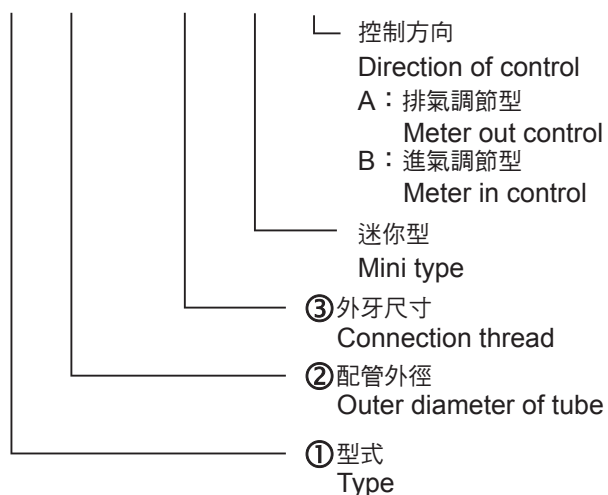
控制流量
Controlled flow

仕様 Specifications

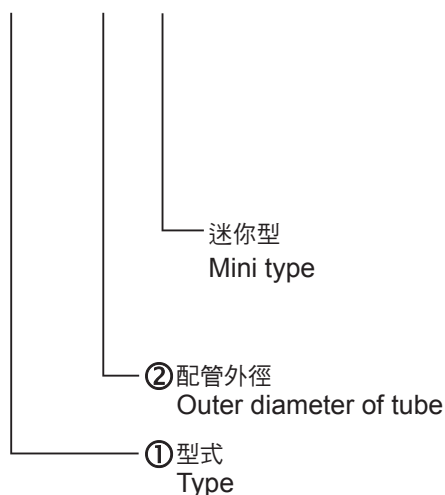
型式 Type		KSC KSS 標準型 Standard Type	KSSU 直接連結型式 Union Straight Type
取付方式 Mounting type		氣缸直接取付型 Cylinder direct mounting	_____
使用流體 Fluid		壓縮空氣 Air	
使用壓力範圍 Pressure range		0~0.9 MPa {0~9.2 kgf/cm ² }	
逆止閥作動壓力 Check valve diaphragm cracking poing		0.05 MPa {0.51 kgf/cm ² }	
使用溫度範圍 Temperature range		5~60°C	
配管種類 Recommended tube		尼龍管、PU管 Nylon tube, Polyurethane tube	

訂貨符號說明 Order Codes

KSC 4 - 01 M A



KSSU 4 M



①接頭型式 Fittings type

形狀 Shape	記號 Mark	接頭型式 Fittings type	頁碼 Page
	KSC	L型 Elbow	P13
	KSS	直式 Straight	P13

①接頭型式 Fittings type

形狀 Shape	記號 Mark	接頭型式 Fittings type	頁碼 Page
	KSSU	直連結型式 Union Straight Type	P13

②配管外徑 Outer diameter of tube



記號 Mark	適用管徑 Outer diameter of tube	X	Y
4	Ø 4	8.0	9.8
6	Ø 6	9.9	11.7
8	Ø 8	13.5	13.5

單位 Unit : mm

③外牙尺寸 Connection thread

記號 Mark	牙徑 Thread size
M5M	M5X0.8
01M	R 1/8
02M	R 1/4

L型調速閥
Elbow

KSC



調節軸心：黃銅鍍鎳
Needle :
Brass (nickel plated)

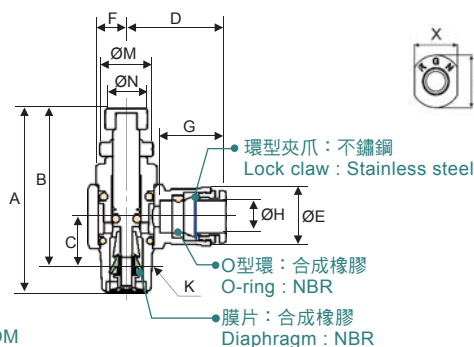
固定螺帽：鋁合金
Lock nut :
Aluminum

金屬本體：黃銅鍍鎳
Metal main body :
Brass
(nickel plated)

塑膠本體：工程塑膠
Plastic body :
Polyethylene tele-phthalate



釋放壓環：
工程塑膠
Release ring : POM



型號 Model	管徑 Tube H	K (Rc)	A		B		C	D	E	F	G	I	J	M	N	X	Y	重量 Mass (g)
			MAX	MIN	MAX	MIN												
KSC4-M5M□	4	M5X0.8	31.8	29.0	28.4	25.6	7.8	17.5	11.0	4.5	12.2	8.0	9.1	8.0	5.0	8.0	9.8	9.0
KSC4-01M□	4	R1/8	41.8	35.1	37.9	31.2	10.7	18.9	11.0	5.7	12.2	10.0	11.4	10.0	8.0	8.0	9.8	17.4
KSC6-M5M□	6	M5X0.8	31.8	29.0	28.4	25.6	7.8	17.3	11.0	4.5	12.4	8.0	9.1	8.0	5.0	9.9	11.7	8.5
KSC6-01M□	6	R1/8	41.8	35.1	37.9	31.2	10.7	18.7	11.0	5.7	12.4	10.0	11.4	10.0	8.0	9.9	11.7	17.1
KSC8-01M□	8	R1/8	41.8	35.1	37.9	31.2	10.3	24.8	15.0	5.7	17.7	10.0	11.4	10.0	8.0	13.5	13.5	19.4

單位 Unit:mm

直式調速閥
Straight

KSS

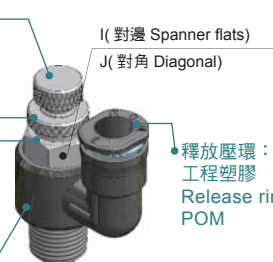


調節軸心：黃銅鍍鎳
Needle:
Brass (nickel plated)

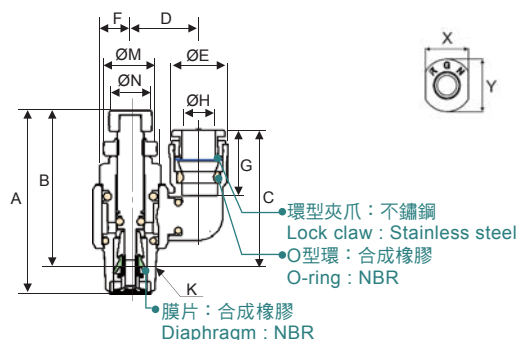
固定螺帽：鋁合金
Lock nut :
Aluminum

金屬本體：黃銅鍍鎳
Metal main body :
Brass
(nickel plated)

塑膠本體：工程塑膠
Plastic body :
Polyethylene tele-phthalate



釋放壓環：
工程塑膠
Release ring :
POM



型號 Model	管徑 Tube H	K (Rc)	A		B		C	D	E	F	G	I	J	M	N	X	Y	重量 Mass (g)
			MAX	MIN	MAX	MIN												
KSS4-M5M□	4	M5X0.8	31.8	29.0	28.4	25.6	23.8	11.2	11.0	4.5	12.2	8.0	9.1	8.0	5.0	8.0	9.8	9.7
KSS4-01M□	4	R1/8	41.8	35.1	37.9	31.2	27.2	12.7	11.0	5.7	12.2	10.0	11.4	10.0	8.0	8.0	9.8	17.8
KSS6-M5M□	6	M5X0.8	31.8	29.0	28.4	25.6	23.6	11.2	11.0	4.5	12.4	8.0	9.1	8.0	5.0	9.9	11.7	9.1
KSS6-01M□	6	R1/8	41.8	35.1	37.9	31.2	27.0	12.7	11.0	5.7	12.4	10.0	11.4	10.0	8.0	9.9	11.7	17.4

單位 Unit:mm

直連結型式調速閥
Union straight type

KSSU

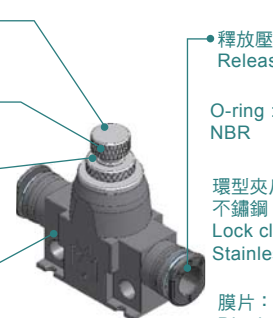


調節軸心：黃銅鍍鎳
Needle:
Brass (nickel plated)

固定螺帽：鋁合金
Lock nut :
Aluminum

金屬本體：黃銅鍍鎳
Metal main body :
Brass
(nickel plated)

塑膠本體：工程塑膠
Plastic body :
Polyethylene tele-phthalate

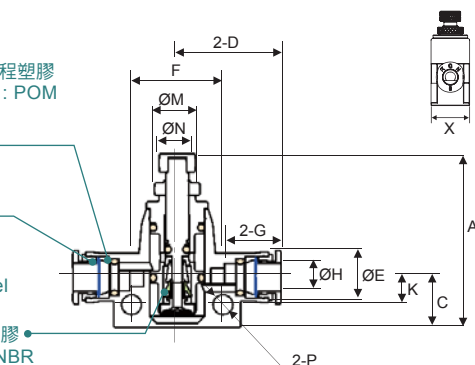


釋放壓環：工程塑膠
Release ring : POM

O-ring :
NBR

環型夾爪：
不銹鋼
Lock claw :
Stainless steel

膜片：合成橡膠
Diaphragm :NBR



型號 Model	管徑 Tube H	A		C	D	E	F	G	K	M	N	P	X	重量 Mass (g)
		MAX	MIN											
KSSU4M	4	28.6	25.8	6.2	19.4	8.5	14.0	11.8	4.7	8.0	5.0	3.2	10.7	9.5
KSSU6M	6	43.9	37.9	11.0	22.7	11.0	20.0	12.4	6.0	10.0	8.0	4.3	15.0	23.7

單位 Unit:mm



標準快速接頭 STANDARD TYPE QUICK FITTINGS

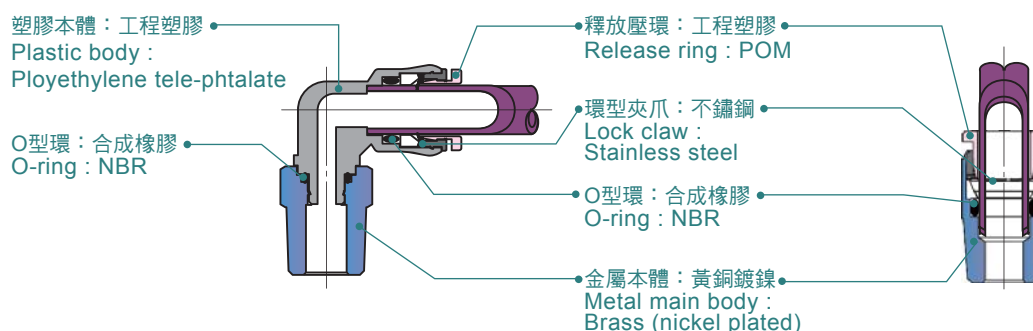


特點 Features

- 快速連接及快速解除機構。
One-touch, speedy connections.
- 尼龍管及PU管共用方式，螺紋部分密封劑塗佈標準化和多樣化的外觀尺寸，在使用上更為方便。
Common use of nylon tubes and Polyurethane tubes, sealed thread parts and other features are based on the concept easy ues.



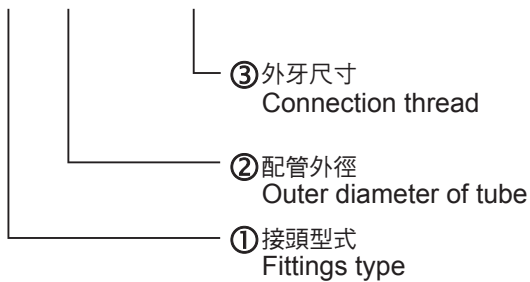
仕様 Specifications



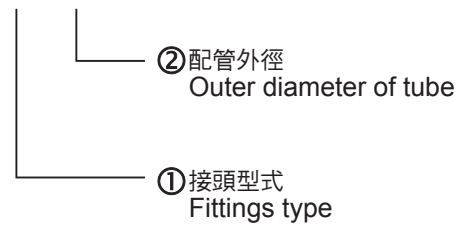
使用流體	Fluid	壓縮空氣、真空 Compressed Air, Vacuum
最高使用壓力	Pressure(Max.)	1.0 MPa {10.2 kgf/cm ² }
使用真空壓力	Negative pressure	-100 kPa {-750 mmHg}
使用溫度範圍	Temperature range	0~60°C
配管種類	Recommended tube	尼龍管、PU管 Nylon tube, Polyurethane tube

訂貨符號說明 Order Codes

KTS 10-01



KUL 10



① 接頭型式 Fittings type

形狀 Shape	記號 Mark	接頭型式 Fittings type	頁碼 Page
	KTS	直式 Straight	P16
	KTSH	直式內六角 Hexagon Socket Head Straight	P16
	KTSM	直式內牙 Female Straight	P16
	KUKM	內牙隔壁 Female Bulkhead Union	P17
	CTL	L型 Elbow	P17
	KTLL	L型加長 Long Elbow	P17
	KSL	L型搖擺 Swing Elbow	P18
	KT	T型 Tee	P18
	KT	T支型 Branch Tee	P18
	KTBY	Y型 Branch Y	P19

① 接頭型式 Fittings type

形狀 Shape	記號 Mark	接頭型式 Fittings type	頁碼 Page
	KUL	L型連接 Union Elbow	P19
	KUS	直式連接 Union Straight	P19
	KUT	T型三通 Union Tee	P19
	KUY	Y型三通 Union Y	P20
	KUSD	不同徑直式 Different Diameter Union	P20
	KUYD	不同徑Y型三通 Different Diameter Union Y	P20
	KUK	隔壁接頭 Union for Bulkhead	P20

② 配管外徑 Outer diameter of tube



記號 Mark	適用管徑 Outer diameter of tube	X	Y
4	Ø 4	9.7	9.7
6	Ø 6	11.5	11.5
8	Ø 8	13.6	13.6
10	Ø 10	16.8	16.8
12	Ø 12	19.5	19.5

單位 Unit:mm

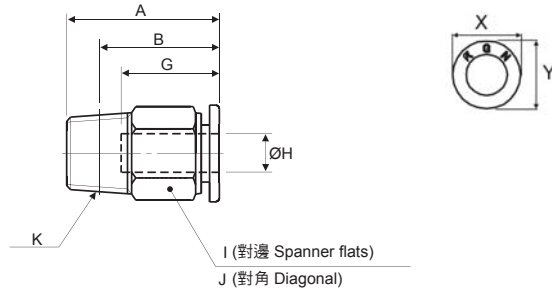
③ 外牙尺寸 Connection thread

記號 Mark	牙徑 Thread size
01	R 1/8
02	R 1/4
03	R 3/8
04	R 1/2

直式接頭

Straight

KTS



型號 Model	管徑 Tube H	K (Rc)	A	B	G	I	J	X	Y	*Z	重量 Mass (g)
KTS10-01	10	R 1/8	30.3	26.3	20.2	17.0	19.6	16.8	16.8	22.9	22.7
KTS10-02	10	R 1/4	30.0	24.0	20.2	17.0	19.6	16.8	16.8	35.0	20.0
KTS10-03	10	R 3/8	29.5	23.0	20.2	17.0	19.6	16.8	16.8	35.0	25.8
KTS10-04	10	R 1/2	30.5	22.5	20.2	21.0	24.3	16.8	16.8	35.0	49.2
KTS12-02	12	R 1/4	35.9	29.9	23.3	21.0	24.3	19.5	19.5	35.0	43.0
KTS12-03	12	R 3/8	31.9	25.4	23.3	21.0	24.3	19.5	19.5	59.0	35.5
KTS12-04	12	R 1/2	33.9	25.9	23.3	21.0	24.3	19.5	19.5	59.0	49.4

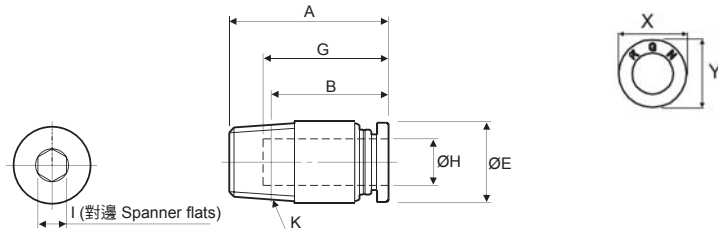
*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

直式內六角

Hexagon socket head straight

KTSH



型號 Model	管徑 Tube H	K (Rc)	A	B	E	G	I	X	Y	*Z	重量 Mass (g)
KTSH10-01	10	R 1/8	30.6	26.0	17.5	20.2	5.0	16.8	16.8	20.0	22.5
KTSH10-02	10	R 1/4	30.0	24.0	17.8	20.2	6.0	16.8	16.8	20.0	22.0
KTSH10-03	10	R 3/8	29.5	23.0	17.8	20.2	6.0	16.8	16.8	20.0	27.0
KTSH12-02	12	R 1/4	35.4	29.4	19.8	23.3	6.0	19.5	19.5	20.0	41.5
KTSH12-03	12	R 3/8	31.9	25.4	20.8	23.3	8.0	19.5	19.5	40.0	33.7
KTSH12-04	12	R 1/2	33.9	25.9	20.8	23.3	8.0	19.5	19.5	40.0	48.0

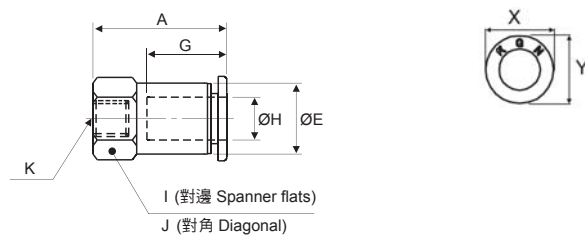
*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

直式內牙

Female straight

KTSM



型號 Model	管徑 Tube H	K (Rc)	A	E	G	I	J	X	Y	*Z	重量 Mass (g)
KTSM10-02	10	R 1/4	33.9	17.5	20.2	17.0	19.6	16.8	16.8	43.0	32.0
KTSM10-03	10	R 3/8	34.9	17.5	20.2	21.0	24.3	16.8	16.8	43.0	41.0
KTSM12-02	12	R 1/4	36.0	20.8	23.3	21.0	24.3	19.5	19.5	40.7	56.2
KTSM12-03	12	R 3/8	36.8	20.8	23.3	21.0	24.3	19.5	19.5	71.0	51.5
KTSM12-04	12	R 1/2	40.3	20.8	23.5	24.0	27.7	19.5	19.5	71.0	71.2

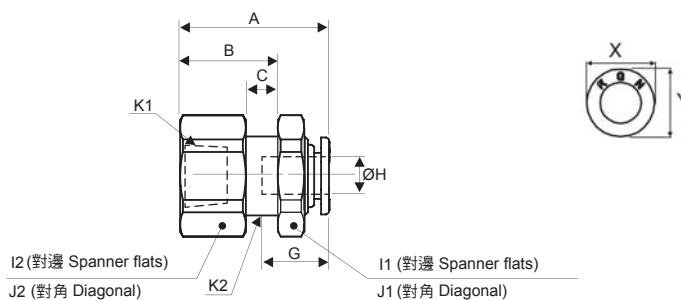
*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

內牙隔壁

Female bulkhead union

KUKM



型號 Model	管徑 Tube H	K ₁ (Rc)	K ₂	A	B	C	G	I1	I2	J1	J2	X	Y	*Z	重量 Mass (g)
KUKM10-02	10	R 1/4	M20X1	35.0	23.5	9.5	20.2	24.0	24.0	27.7	27.7	16.8	16.8	41.1	77.3
KUKM10-03	10	R 3/8	M20X1	36.0	24.5	9.5	20.2	24.0	24.0	27.7	27.7	16.8	16.8	40.0	73.0
KUKM12-03	12	R 3/8	M22X1	39.1	26.5	11.5	23.3	27.0	24.0	31.2	27.7	19.5	19.5	70.3	85.0
KUKM12-04	12	R 1/2	M22X1	42.1	29.5	11.5	23.3	27.0	24.0	31.2	27.7	19.5	19.5	70.1	80.0

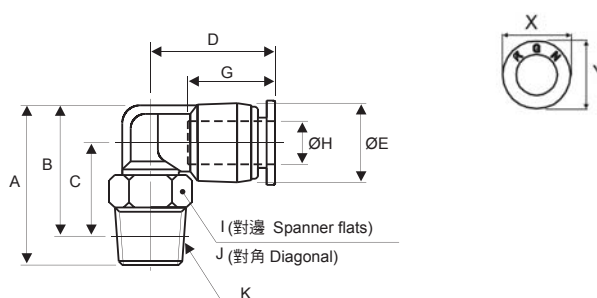
*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

L型接頭

Elbow

KTL



型號 Model	管徑 Tube H	K (Rc)	A	B	C	D	E	G	I	J	X	Y	*Z	重量 Mass (g)
KTL10-01	10	R 1/8	42.0	38.0	29.0	26.4	17.9	20.2	17.0	17.0	16.8	16.8	22.4	31.2
KTL10-02	10	R 1/4	45.0	39.0	30.0	26.4	17.9	20.2	17.0	17.0	16.8	16.8	30.0	34.2
KTL10-03	10	R 3/8	46.0	39.5	30.5	26.4	17.9	20.2	17.0	17.0	16.8	16.8	30.0	42.0
KTL10-04	10	R 1/2	50.0	42.0	33.0	26.4	17.9	20.2	21.0	24.3	16.8	16.8	30.0	63.8
KTL12-02	12	R 1/4	48.4	42.8	32.0	29.3	21.5	23.3	21.0	24.3	19.5	19.5	30.0	50.3
KTL12-03	12	R 3/8	49.6	43.3	32.5	29.3	21.5	23.3	21.0	24.3	19.5	19.5	47.0	51.5
KTL12-04	12	R 1/2	52.5	44.8	34.0	29.3	21.5	23.3	21.0	24.3	19.5	19.5	47.0	66.0

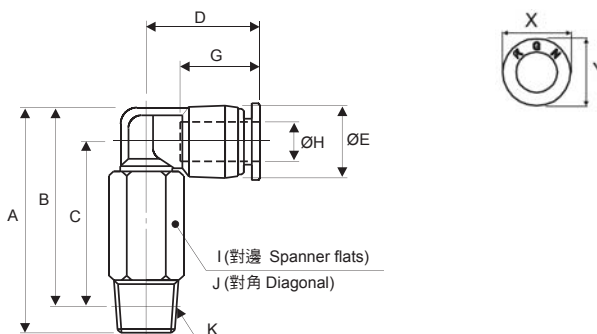
*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

L型加長

Long elbow

KTLL



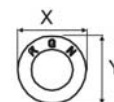
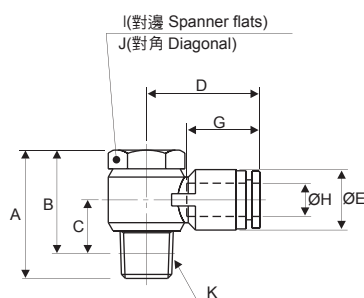
型號 Model	管徑 Tube H	K (Rc)	A	B	C	D	E	G	I	J	X	Y	*Z	重量 Mass (g)
KTLL10-02	10	R 1/4	63.4	57.4	48.5	26.2	17.8	20.2	17.0	19.6	16.8	16.8	30.0	65.0
KTLL10-03	10	R 3/8	64.4	57.9	49.0	26.2	17.8	20.2	17.0	19.6	16.8	16.8	30.0	73.2
KTLL12-02	12	R 1/4	70.8	64.8	54.0	29.4	21.5	23.3	21.0	24.3	19.5	19.5	39.1	112.0
KTLL12-03	12	R 3/8	71.8	65.3	54.5	29.4	21.5	23.3	21.0	24.3	19.5	19.5	44.0	107.0
KTLL12-04	12	R 1/2	74.8	66.8	56.0	29.4	21.5	23.3	21.0	24.3	19.5	19.5	54.2	122.0

*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

L型搖擺
Swing elbow

KSL



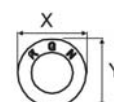
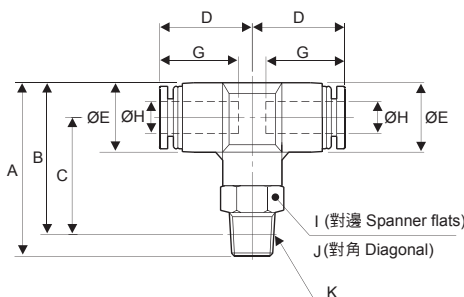
型號 Model	管徑 Tube H	K (Rc)	A	B	C	D	E	G	I	X	Y	*Z	重量 Mass (g)
KSL10-02	10	R 1/4	28.5	22.5	11.8	30.5	18.0	20.2	17.0	16.8	16.8	23.1	40.1
KSL10-03	10	R 3/8	33.9	27.4	14.0	33.1	18.5	20.2	21.0	16.8	16.8	31.5	62.5
KSL10-04	10	R 1/2	41.2	33.2	18.1	35.6	18.5	20.2	24.0	16.8	16.8	48.8	93.5
KSL12-02	12	R 1/4	28.5	22.5	11.8	33.0	21.5	23.3	17.0	19.5	19.5	23.5	40.5
KSL12-03	12	R 3/8	33.9	27.4	14.0	35.2	21.5	23.3	21.0	19.5	19.5	39.7	66.0
KSL12-04	12	R 1/2	41.2	33.2	18.1	38.1	21.5	23.3	24.0	19.5	19.5	49.8	97.5

*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

T型接頭
Tee

KTT



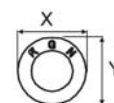
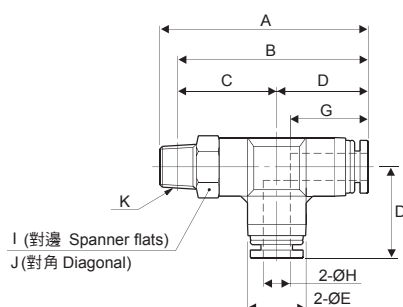
型號 Model	管徑 Tube H	K (Rc)	A	B	C	D	E	G	I	J	X	Y	*Z	重量 Mass (g)
KTT10-01	10	R 1/8	41.5	37.5	28.5	26.4	18.3	20.2	17.0	19.6	16.8	16.8	20.0	30.1
KTT10-02	10	R 1/4	44.7	38.7	29.5	26.4	18.3	20.2	17.0	19.6	16.8	16.8	30.0	41.4
KTT10-03	10	R 3/8	45.8	39.3	30.1	26.4	18.3	20.2	17.0	19.6	16.8	16.8	30.0	50.3
KTT10-04	10	R 1/2	48.9	40.9	31.7	26.4	18.3	20.2	21.0	24.3	16.8	16.8	30.0	72.4
KTT12-02	12	R 1/4	48.8	42.8	32.0	28.2	21.6	23.3	21.0	24.3	19.5	19.5	30.0	61.5
KTT12-03	12	R 3/8	49.8	43.8	33.0	28.2	21.6	23.3	21.0	24.3	19.5	19.5	47.0	61.5
KTT12-04	12	R 1/2	53.8	45.8	35.0	28.2	21.6	23.3	21.0	24.3	19.5	19.5	47.0	78.3

*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

T支型接頭
Branch tee

KTB



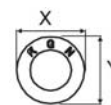
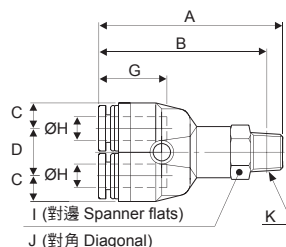
型號 Model	管徑 Tube H	K (Rc)	A	B	C	D	E	G	I	J	X	Y	*Z	重量 Mass (g)
KTB10-01	10	R 1/8	59.0	55.0	29.0	26.0	18.0	20.2	17.0	19.6	16.8	16.8	22.0	27.0
KTB10-02	10	R 1/4	62.0	56.0	30.0	26.0	18.0	20.2	17.0	19.6	16.8	16.8	35.0	41.4
KTB10-03	10	R 3/8	63.0	56.5	30.5	26.0	18.0	20.2	17.0	19.6	16.8	16.8	35.0	50.6
KTB10-04	10	R 1/2	66.0	58.0	32.0	26.0	18.0	20.2	21.0	24.3	16.8	16.8	35.0	72.0
KTB12-02	12	R 1/4	66.0	60.0	32.0	28.0	21.5	23.3	21.0	24.3	19.5	19.5	35.0	61.1
KTB12-03	12	R 3/8	67.0	60.5	32.5	28.0	21.5	23.3	21.0	24.3	19.5	19.5	59.0	62.4
KTB12-04	12	R 1/2	70.0	62.0	34.0	28.0	21.5	23.3	21.0	24.3	19.5	19.5	59.0	77.5

*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

T型三通
Union tee

KTBY



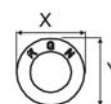
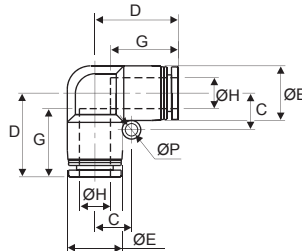
型號 Model	管徑 Tube H	K (Rc)	A	B	C	D	G	I	J	X	Y	*Z	重量 Mass (g)
KTBY4-M5	4	M5X0.8	37.9	34.5	5.0	11.0	14.9	10.0	11.5	9.7	9.7	1.5	12.0
KTBY4-01	4	R 1/8	41.0	37.0	5.0	11.0	14.9	10.0	11.5	9.7	9.7	4.2	15.0
KTBY4-02	4	R 1/4	44.0	38.0	5.0	11.0	14.9	14.0	16.2	9.7	9.7	4.2	23.0
KTBY6-M5	6	M5X0.8	41.5	38.0	6.3	12.0	17.0	12.0	13.9	11.5	11.5	1.5	15.8
KTBY6-01	6	R 1/8	44.5	40.5	6.3	12.0	17.0	12.0	13.9	11.5	11.5	10.0	18.0
KTBY6-02	6	R 1/4	47.5	41.5	6.3	12.0	17.0	14.0	16.2	11.5	11.5	10.0	25.0
KTBY6-03	6	R 3/8	49.5	43.0	6.3	12.0	17.0	17.0	19.6	11.5	11.5	10.0	30.0
KTBY8-01	8	R 1/8	48.9	44.9	7.3	14.0	18.1	14.0	16.2	13.6	13.6	16.5	23.3
KTBY8-02	8	R 1/4	52.0	46.0	7.3	14.0	18.1	14.0	16.2	13.6	13.6	16.5	29.3
KTBY8-03	8	R 3/8	53.7	47.2	7.3	14.0	18.1	17.0	19.6	13.6	13.6	16.5	42.4
KTBY10-01	10	R 1/8	55.6	51.6	8.8	18.0	20.5	17.0	19.6	16.8	16.8	22.0	28.5
KTBY10-02	10	R 1/4	58.6	52.6	8.8	18.0	20.5	17.0	19.6	16.8	16.8	30.0	43.0
KTBY10-03	10	R 3/8	59.6	53.1	8.8	18.0	20.5	17.0	19.6	16.8	16.8	30.0	51.5
KTBY10-04	10	R 1/2	62.6	54.6	8.8	18.0	20.5	21.0	24.3	16.8	16.8	30.0	73.0
KTBY12-02	12	R 1/4	63.7	57.7	10.5	20.0	23.6	21.0	24.3	19.5	19.5	30.0	63.4
KTBY12-03	12	R 3/8	64.7	58.2	10.5	20.0	23.6	21.0	24.3	19.5	19.5	37.0	64.5
KTBY12-04	12	R 1/2	67.7	59.7	10.5	20.0	23.6	21.0	24.3	19.5	19.5	37.0	79.7

*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

L型連接
Union elbow

KUL



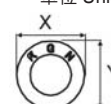
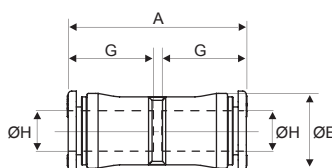
型號 Model	管徑 Tube H	C	D	E	G	P	X	Y	*Z	重量 Mass (g)
KUL10	10	12.0	25.8	18.2	20.2	4.2	16.8	16.8	30.0	17.2
KUL12	12	14.0	29.1	21.5	23.3	4.2	19.5	19.5	47.0	24.5

*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

直式連接
Union straight

KUS



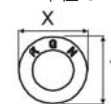
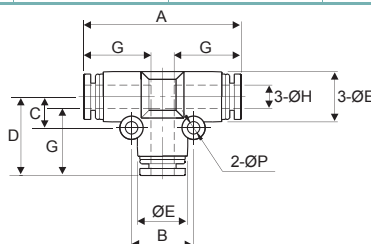
型號 Model	管徑 Tube H	A	E	G	X	Y	*Z	重量 Mass (g)
KUS10	10	44.2	17.8	20.2	16.8	16.8	35.0	15.8
KUS12	12	52.8	21.2	23.3	19.5	19.5	59.0	22.0

*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

T型三通
Union tee

KUT



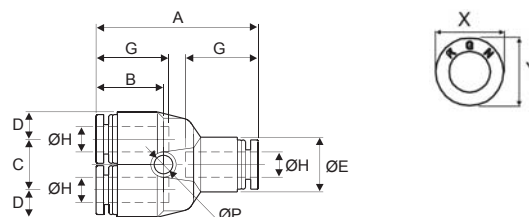
型號 Model	管徑 Tube H	A	B	C	D	E	G	P	X	Y	*Z	重量 Mass (g)
KUT10	10	51.0	24.0	12.0	25.5	17.5	20.5	4.2	16.8	16.8	35.0	24.7
KUT12	12	57.2	28.0	14.0	28.6	21.0	23.1	4.2	19.5	19.5	59.0	35.7

*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

Y型連接
Union Y

KUY



型號 Model	管徑 Tube H	A	B	C	D	E	G	P	X	Y	*Z	重量 Mass (g)
KUY10	10	49.0	19.8	18.0	8.8	18.0	20.5	4.5	16.8	16.8	27.0	19.0
KUY12	12	55.2	22.4	20.0	10.5	21.5	23.6	4.5	19.5	19.5	38.0	28.0

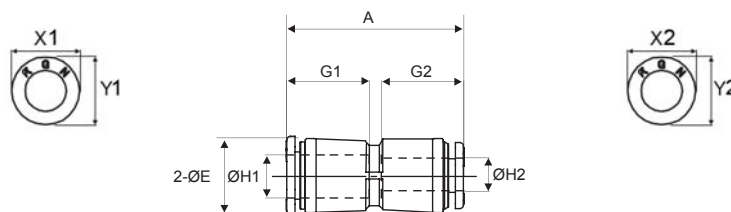
*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

不同徑直式

Different diameter union

KUSD



型號 Model	管徑 Tube H1	管徑 Tube H2	A	E	G1	G2	X1	Y1	X2	Y2	*Z	重量 Mass (g)
KUSD10-8	10	8	43.8	18.0	20.2	18.1	16.8	16.8	13.5	13.5	20.0	14.5
KUSD12-10	12	10	48.1	21.3	23.3	20.2	19.5	19.5	16.8	16.8	35.0	22.7

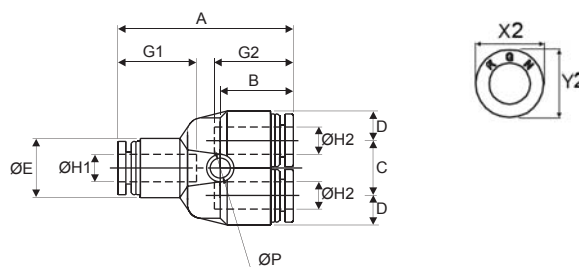
*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

不同徑Y型三通

Different diameter union Y

KUYD



型號 Model	管徑 Tube H1	管徑 Tube H2	A	B	C	D	E	G1	G2	P	X1	Y1	X2	Y2	*Z	重量 Mass (g)
KUYD10-8	10	8	48.6	19.4	18.0	8.8	18.0	20.5	18.3	4.5	16.8	16.8	13.5	13.5	16.5	23.0
KUYD12-10	12	10	55.1	22.3	20.0	10.5	21.5	23.6	20.5	4.5	19.5	19.5	16.8	16.8	27.0	35.6

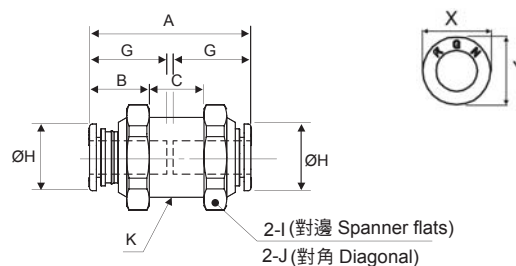
*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

隔壁接頭

Union for bulkhead

KUK



型號 Model	管徑 Tube H	K	A	B	C	G	I	J	X	Y	*Z	重量 Mass (g)
KUK4	4	M12X1	30.1	9.4	7.0	14.9	14.0	16.2	9.7	9.7	5.3	10.6
KUK6	6	M14X1	35.0	10.0	10.0	17.0	17.0	19.6	11.5	11.5	12.5	16.0
KUK8	8	M16X1	37.4	10.3	9.0	18.1	19.0	21.9	13.6	13.6	20.0	19.6
KUK10	10	M20X1	42.8	11.7	13.0	20.2	24.0	27.7	16.8	16.8	35.0	37.5
KUK12	12	M22X1	47.0	12.3	18.0	23.4	27.0	31.2	19.5	19.5	71.0	56.2

*Z= 有效斷面積 Effective sectional area mm²

單位 Unit:mm

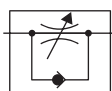


標準調速閥

STANDARD TYPE SPEED CONTROLLERS



特點 Features



表示記號
Symbol

- 氣壓缸及旋轉缸速度調整用接頭。
Fittings offer speed control of cylinders and other actuators.
- 流量特性穩定，低流量及微量調整容易。
Provides superior flow characteristics and fine adjustment at low flow ranges.
- 多種型式可供選擇，流線造型使用方便。
We have the standard type, mini type and union straight type.
- 快速連接、快速解除，可重複使用。
The double-passage structure facilitates connection and disconnection of the tube.

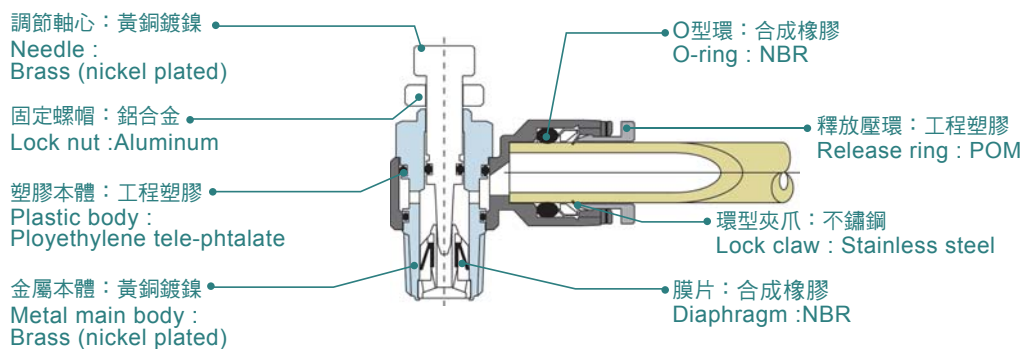


自由流量
Free flow



控制流量
Controlled flow

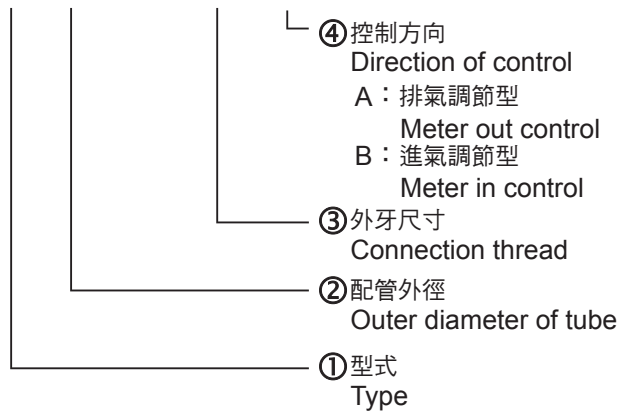
仕様 Specifications



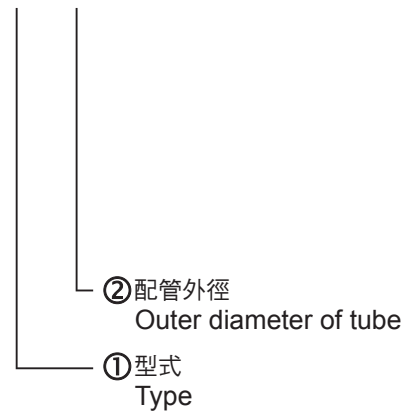
型式	Type	KSC KSS 標準型 Standard Type	KSSU 直接連結型式 Union Straight Type
取付方式	Mounting type	氣缸直接取付型 Cylinder direct mounting	-----
使用流體	Fluid	壓縮空氣 Air	
使用壓力範圍	Pressure range	0~0.9 MPa {0~9.2 kgf/cm ² }	
逆止閥作動壓力	Check valve diaphragm cracking poing	0.05 MPa {0.51 kgf/cm ² }	
使用溫度範圍	Temperature range	5~60°C	
配管種類	Recommended tube	尼龍管、PU管 Nylon tube, Polyurethane tube	

訂貨符號說明 Order Codes

KSC 10-02A



KSSU 10



① 接頭型式 Fittings type

形狀 Shape	記號 Mark	接頭型式 Fittings type	頁碼 Page
	KSC	L型 Elbow	P23
	KSS	直式 Straight	P23

① 接頭型式 Fittings type

形狀 Shape	記號 Mark	接頭型式 Fittings type	頁碼 Page
	KSSU	直連結型式 Union Straight Type	P23

② 配管外徑 Outer diameter of tube



記號 Mark	適用管徑 Outer diameter of tube	X	Y
6	Ø 6	11.5	11.5
8	Ø 8	13.6	13.6
10	Ø 10	16.8	16.8
12	Ø 12	19.5	19.5

單位 Unit : mm

③ 外牙尺寸 Connection thread

記號 Mark	牙徑 Thread size
01	R 1/8
02	R 1/4
03	R 3/8
04	R 1/2

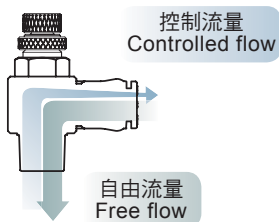
④ 控制方向 Direction of control

排氣調節型 Meter out control

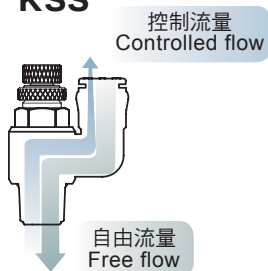
調整旋鈕：調整流量大小
Lock : Controlled flow
固定螺帽Lock nut

A.表示記號(Mark)
A.固定螺帽-銀色 Mark silver lock nut

KSC



KSS

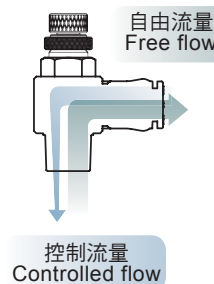


進氣調節型 Meter in control

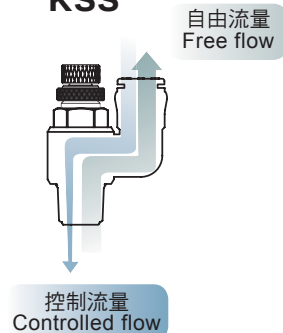
調整旋鈕：調整流量大小
Lock : Controlled flow
固定螺帽Lock nut

B.表示記號(Mark)
B.固定螺帽-黑色 Mark black lock nut

KSC



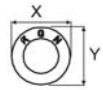
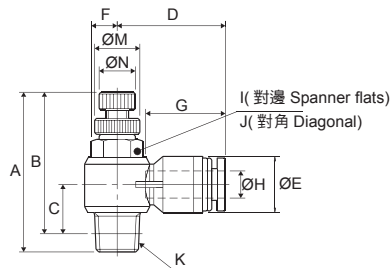
KSS



L型調速閥

Elbow

KSC



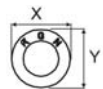
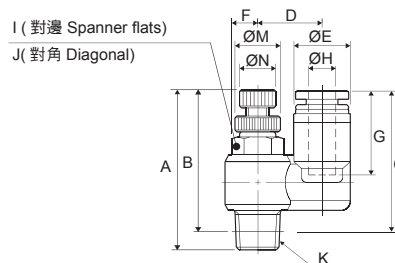
型號 Model	管徑 Tube H	K (Rc)	A		B		C	D	E	F	G	I	J	M	N	X	Y	重量 Mass (g)
			MAX	MIN	MAX	MIN												
KSC6-02□	6	R1/4	47.5	41.5	41.5	35.5	12.0	25.7	12.7	9.2	17.0	14.0	16.1	13.0	10.0	11.5	11.5	35.8
KSC8-02□	8	R1/4	47.5	41.5	41.5	35.5	13.0	28.6	14.6	9.2	18.1	14.0	16.1	13.0	10.0	13.6	13.6	37.2
KSC10-02□	10	R1/4	47.5	41.5	41.5	35.5	14.6	31.2	18.0	9.2	20.2	14.0	16.1	13.0	10.0	16.8	16.8	40.5
KSC10-03□	10	R3/8	53.5	46.5	47.0	40.0	16.3	31.5	18.0	11.0	20.2	19.0	21.9	16.0	13.0	16.8	16.8	69.2
KSC10-04□	10	R1/2	61.0	53.5	53.0	45.5	20.5	36.6	18.0	14.0	23.3	24.0	27.7	16.0	13.0	16.8	16.8	104.0
KSC12-02□	12	R1/4	47.5	41.5	41.5	35.5	14.6	34.1	21.3	9.2	23.3	14.0	16.1	13.0	10.0	19.5	19.5	69.5
KSC12-03□	12	R3/8	53.5	46.5	47.0	40.0	18.0	37.1	21.3	11.0	23.3	19.0	21.9	16.0	13.0	19.5	19.5	72.2
KSC12-04□	12	R1/2	61.0	53.5	53.0	45.5	20.5	36.6	21.3	14.0	23.3	24.0	27.7	16.0	13.0	19.5	19.5	104.0

單位 Unit:mm

直式調速閥

Straight

KSS



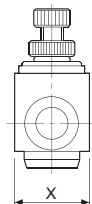
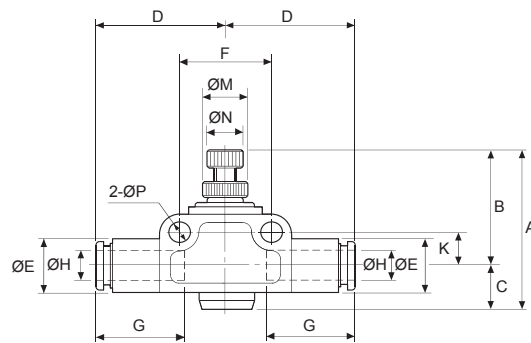
型號 Model	管徑 Tube H	K (Rc)	A		B		C	D	E	F	G	I	J	M	N	X	Y	重量 Mass (g)
			MAX	MIN	MAX	MIN												
KSS6-02□	6	R1/4	47.5	41.5	41.5	35.5	32.2	17.2	12.7	9.2	17.0	14.0	16.1	13.0	10.0	11.5	11.5	37.2
KSS8-01□	8	R1/8	40.0	34.0	36.0	30.0	32.4	15.2	14.6	7.2	18.1	10.0	11.5	10.0	8.0	13.6	13.6	21.4
KSS8-02□	8	R1/4	47.5	41.5	41.5	35.5	33.6	18.2	14.6	9.2	18.1	14.0	16.1	13.0	10.0	13.6	13.6	39.0
KSS10-02□	10	R1/4	47.5	41.5	41.5	35.5	36.0	19.8	18.0	9.2	20.2	14.0	16.1	13.0	10.0	16.8	16.8	42.5
KSS10-03□	10	R3/8	53.5	46.5	47.0	40.0	40.0	20.8	18.0	11.0	20.2	19.0	21.9	16.0	13.0	16.8	16.8	71.6
KSS10-04□	10	R1/2	61.0	53.5	53.0	45.5	42.5	23.8	18.0	14.0	20.2	24.0	27.7	16.0	13.0	16.8	16.8	104.0
KSS12-02□	12	R1/4	47.5	41.5	41.5	35.5	42.3	21.7	21.3	9.2	23.3	14.0	16.1	13.0	10.0	19.5	19.5	69.5
KSS12-03□	12	R3/8	53.5	46.5	47.0	40.0	42.6	22.5	21.3	11.0	23.3	19.0	21.9	16.0	13.0	19.5	19.5	75.2
KSS12-04□	12	R1/2	61.0	53.5	53.0	45.5	47.0	25.5	21.3	14.0	23.3	24.0	27.7	16.0	13.0	19.5	19.5	110.0

單位 Unit:mm

直連結型式調速閥

Union straight type

KSSU



型號 Model	管徑 Tube H	A		B		C	D	E	F	G	K	M	N	P	X	重量 Mass (g)
		MAX	MIN	MAX	MIN											
KSSU8	8	47.4	42.9	35.4	30.9	12.0	27.6	15.0	22.0	18.1	9.5	13.0	10.0	4.3	18.0	43.1
KSSU10	10	52.4	45.7	40.4	33.7	12.0	32.0	18.0	26.0	20.2	11.0	16.0	13.0	4.3	21.0	68.7
KSSU12	12	56.3	49.2	40.3	33.2	16.0	37.4	21.0	32.0	23.3	13.0	16.0	13.0	4.3	28.0	115.0

單位 Unit:mm



螺帽接頭 CLAMP FITTINGS



仕様 Specifications

型式	Model	KBF4U	KBF6U	KBF4U-01	KBF6U-01
外牙口徑	Connection thread	M5X0.8		R1/8	
管徑	Tube size	Ø4X2.5	Ø6X4	Ø4X2.5	Ø6X4
配管種類	Recommended tube	PU管 Polyurethane tube			
有效斷面積	Effective sectional area mm ²	2.0	3.2	2.1	3.6
材質	Material	黃銅鍍鎳 Brass(Nickel plated)			
重量 (g)	Mass(g)	4.3	4.2	7.4	7.3

訂貨符號說明 Order Codes

KBF 4 U - 01

②外牙口徑
Connection thread
配管種類-PU
Recommended tube-PU
①管徑
Tube size
螺帽接頭
Clamp fitting

①管徑 Tube size

記號 Mark	管徑 Tube
4	Ø4X2.5
6	Ø6X4

②外牙口徑 Connection thread

記號 Mark	牙徑 Thread size
無記入 Blank	M5X0.8
01	R1/8

螺帽接頭
Straight(Clamp fitting)

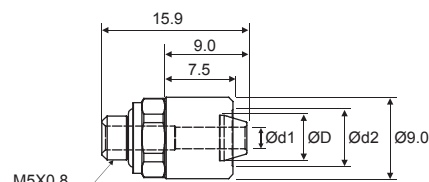


KBF□U

型號 Model	D	d1	d2
KBF4U	3.5	1.8	4.1
KBF6U	5.0	2.4	6.1



8.0 (對邊 Spanner flats)
8.7 (對角 Diagonal)



單位 Unit : mm

螺帽接頭
Straight(Clamp fitting)

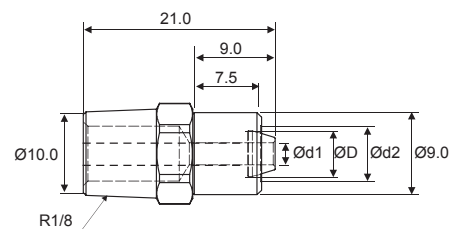


KBF□U-01

型號 Model	D	d1	d2
KBF4U-01	3.5	1.8	4.1
KBF6U-01	5.0	2.4	6.1



10.0 (對邊 Spanner flats)
11.0 (對角 Diagonal)

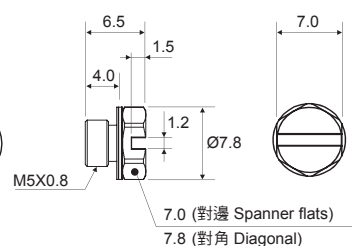


單位 Unit : mm

M5盲栓
M5 Plug



KPF



單位 Unit : mm



偏差連接器 CYLINDER JOINTS



特點 Features

- 軸與軸心之間平行度容易取得。
Axial centre alignment and parallelism alignment can be easily performed.
- 軸與軸心安裝時，不需要高精度加工，安裝作業亦可大幅縮短。
High precision work for axial centre alignment is not required. Mounting time can be drastically decreased.
- 附加防塵護套，防止灰塵、異物掉入。
Dust seal prevents failures by dust.

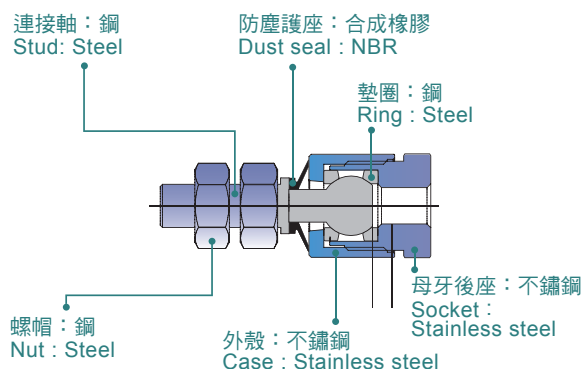


仕様 Specifications

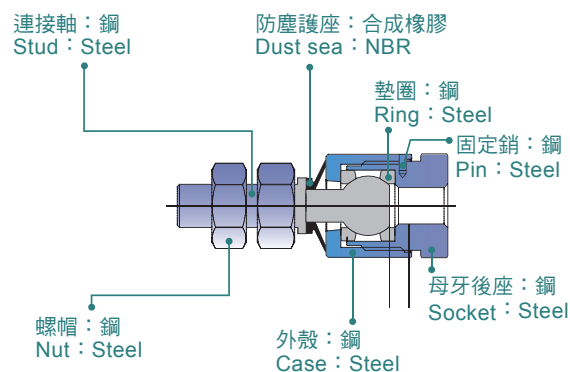
型號 Type	氣缸牙徑尺寸 Applicable thread size for cylinder rod	1MPa時的最大推力N{kgf} Maximum cylinder thrust applicable at 1MPa N{kgf}	最大引張破壞荷重N{kgf} Maximum tensile breaking load N{kgf}	容許偏差範圍 U Allowable eccentricity U mm	搖擺角度 Swing angle
KCJ-3X0.5	M3X0.5	19.6 { 2 }	3334.3 { 340 }	0.5	±5°
KCJ-4X0.7	M4X0.7	58.8 { 6 }	3334.3 { 340 }	0.5	
KCJ-5X0.8	M5X0.8	13.7 { 14 }	5884.0 { 600 }	0.5	
KCJ-6X1	M6X1	176.5 { 18 }	5884.0 { 600 }	0.5	
KCJ□-8X1	M8X1	305 { 31.1 } (475{48.5})	20594.0 { 2100 }	0.5	
KCJ□-8X1.25	M8X1.25	305 { 31.1 } (475{48.5})	20594.0 { 2100 }	0.5	
KCJ□-10X1.25	M10X1.25	780.6 { 79.6 }	31381.3 { 5000 }	0.75	

內部構造主要材質 Internal Structure and Principle Materials

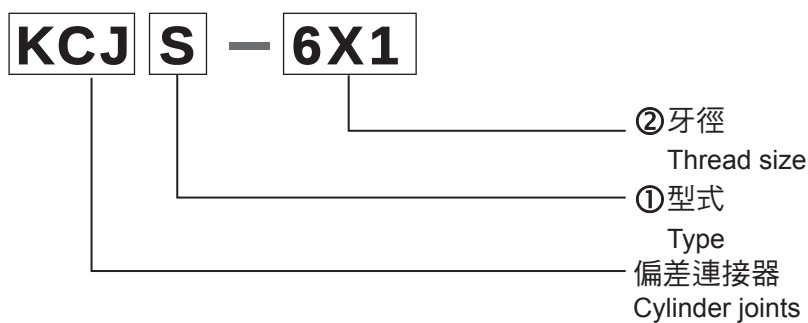
KCJ 系列 Series



KCJS/KCJL 系列 Series



訂貨符號說明 Order Codes



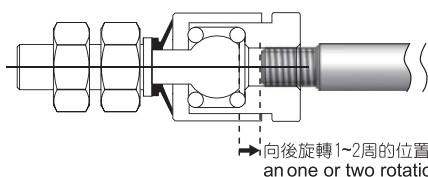
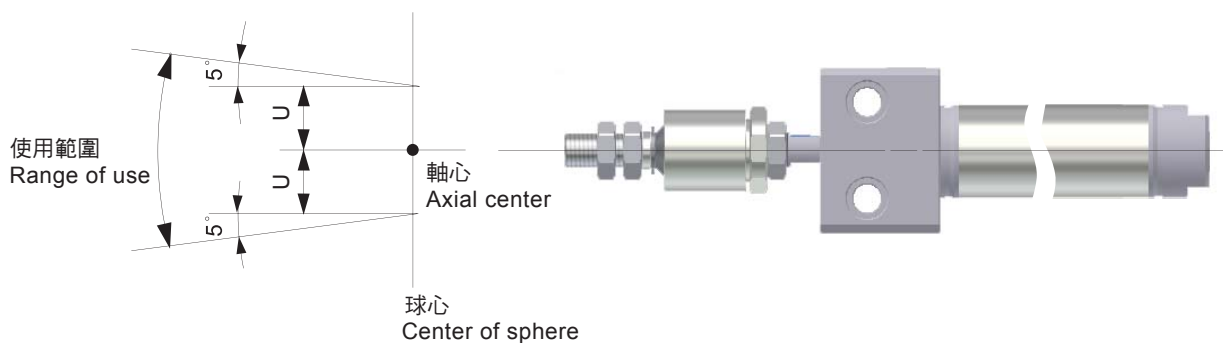
①型號
Type

記號 Mark	型 式 Type
無記入 Blank	3X0.5 4X0.7 5X0.8 6X1
S 標準型式 short nose type	8X1 8X1.25 10X1.25
L 連接軸加長型式 Long nose type	8X1 8X1.25 10X1.25

②牙徑
Thread size

記號 Mark	牙徑 Thread size	牙距 Pitch
3X0.5	M3	0.5
4X0.7	M4	0.7
5X0.8	M5	0.8
6X1	M6	1.0
8X1	M8	1.0
8X1.25	M8	1.25
10X1.25	M10	1.25

容許偏差範圍・搖動角度 Allowable Eccentricity And Swing Angle

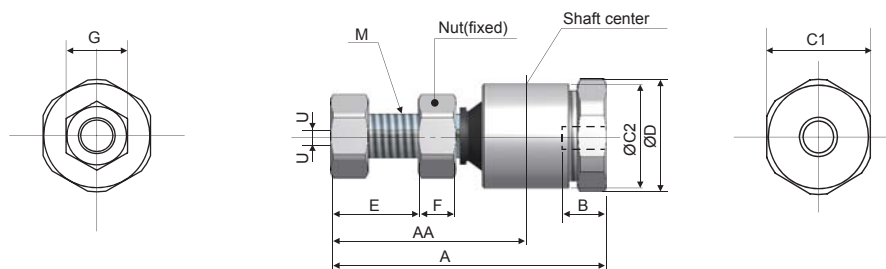


氣缸活塞桿螺牙的鎖入深度，約於氣缸活塞桿的前端鎖入至底部時，向後旋轉1~2周的位置。

The socket on the cylinder rod should not be inserted deeper than shown in this catalog. Proper socket location is an one or two rotations-back after the rod reaches the bottom.

偏差连接器
Cylinder joints
KCJ

3D 2D PDF

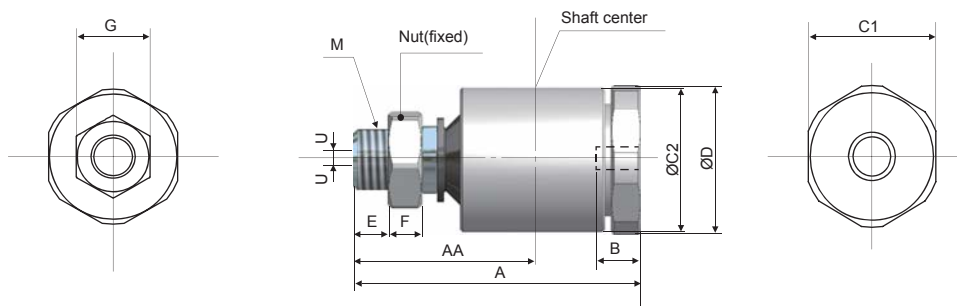


型號 Type	M		A	B	C1	C2	D	E	F	G	AA	容許偏差範圍 U Allowable eccentricity U (mm)	重量 Mass (g)
	牙徑 Thread size	牙距 Pitch											
KCJ-3X0.5	M3	0.5	23.3	5.0	12.0	11.9	13.0	7.0	2.4	5.5	15.7	0.5	9.8
KCJ-4X0.7	M4	0.7	25.7	5.0	12.0	11.9	13.0	8.8	3.1	7.0	18.2		11.0
KCJ-5X0.8	M5	0.8	33.5	7.5	14.0	13.8	15.0	9.0	4.0	8.0	22.4		20.2
KCJ-6X1	M6	1.0	36.5	7.5	14.0	13.8	15.0	12.0	5.0	10.0	25.4		23.6

單位 Unit:mm

偏差连接器
Cylinder joints
KCJS

3D 2D PDF

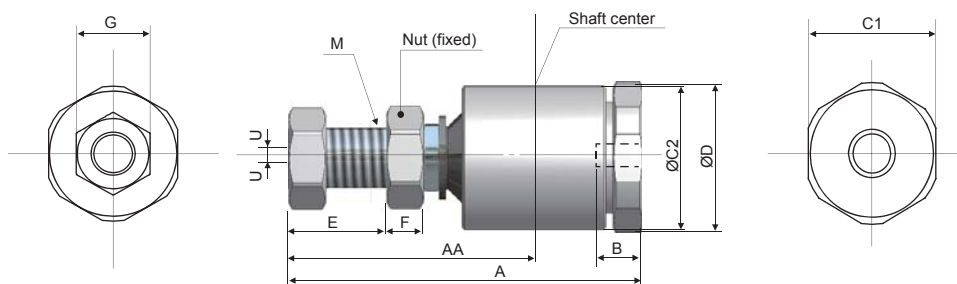


型號 Type	M		A	B	C1	C2	D	E	F	G	AA	容許偏差範圍 U Allowable eccentricity U (mm)	重量 Mass (g)
	牙徑 Thread size	牙距 Pitch											
KCJS- 8X1	M8	1.0	37.9	11.0	19.0	18.9	20.0	4.5	4.5	12.0	21.5	0.5	48.7
KCJS- 8X1.25	M8	1.25	37.8	11.0	19.0	18.9	20.0	4.0	5.0	12.0	21.5	0.5	49.0
KCJS-10X1.25	M10	1.25	48.0	13.0	22.0	22.9	23.0	7.0	6.0	14.0	28.6	0.75	89.1

單位 Unit:mm

偏差连接器
Cylinder joints
KCJL

3D 2D PDF



型號 Type	M		A	B	C1	C2	D	E	F	G	AA	容許偏差範圍 U Allowable eccentricity U (mm)	重量 Mass (g)
	牙徑 Thread size	牙距 Pitch											
KCJL- 8X1	M8	1.0	46.8	11.0	19.0	18.9	20.0	13.5	4.5	12.0	30.5	0.5	49.5
KCJL- 8X1.25	M8	1.25	46.9	11.0	19.0	18.9	20.0	13.0	5.0	12.0	30.5	0.5	49.9
KCJL-10X1.25	M10	1.25	57.1	13.0	22.0	22.9	23.0	16.0	6.0	14.0	37.5	0.75	98.1

單位 Unit:mm



消音器 MUFFLERS



特點 Features



表示記號
Symbol

- 消音效果卓越，排氣時阻力小，不影響機器動作。
Excellent noise reduction. Low air flow resistance, no hampering of operation of other devices.
- 外型尺寸小、質量輕，裝配容易。
Compact, light-weight, easy to install.
- 使用壽命長，濾芯耐腐蝕、耐水、耐油。
Long service life. Elements do not corrode and are highly resistant to water and oil.
- 油污阻塞時，亦可清洗再使用。
Easily cleaned with kerosene or similar products.



樹脂消音器 Plastic Mufflers

仕様 Specifications

項目 Item		型號 Type	KM-11-KGN	KM-22-KGN	KM-23-KGN	KM-31-KGN	KM-41-KGN
配管接繞口徑	Port aperture		Rc 1/8	Rc 1/4		Rc 3/8	Rc 1/2
使用流體	Fluid		空氣 Air				
使用壓力範圍	Pressure rang		0~0.9 Mpa { 0~9.2 kgf/cm ² }				
使用壓力	Proof pressure		1.1 Mpa { 11.5 kgf/cm ² }				
使用溫度範圍	Temperature range		5~60 ℃				
材質 Material	本體 Body		聚縮醛樹脂 Polyacetyl (Duracon)				
	濾芯 Element		聚乙烯醇樹脂 (海綿・過濾度 (5μm)) Polyvinyl alcohol (sponge-filtration 5μm)				
有效斷面積	Effective sectional area		15 mm ²	21 mm ²	43 mm ²	65 mm ²	74 mm ²
消音效果	Muffling effect		18 dB			27 dB	34 dB
質量	Mass		4 g	4.5 g	18 g	19.5 g	22 g

訂貨符號說明 Order Codes

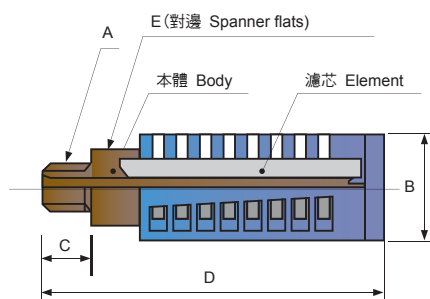
KM-11-KGN

①配管接續口徑
Port aperture
消音器
Mufflers series

①配管接續口徑 Port aperture

記號 Mark	配管接續口徑 Port aperture
11	Rc 1/8
22	Rc 1/4
23	
31	Rc 3/8
41	Rc 1/2

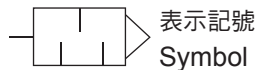
尺寸圖 Dimensional Drawings



記號 Code 型號 Model	A (Rc)	B	C	D	對邊尺寸 Spanner flats E
KM-11-KGN	R1/8	16	7	33	14
KM-22-KGN	R1/4	16	10	36	14
KM-23-KGN	R1/4	20	10	62.5	17
KM-31-KGN	R3/8	26	12	68	24
KM-41-KGN	R1/2	28	15	71	24

單位 Unit:mm

特點 Features



- 燒結黃銅材質、强度高。
Sintered brass offers excellent mechanical strength.
- 體積小、不佔空間。
Compact, can be installed anywhere.

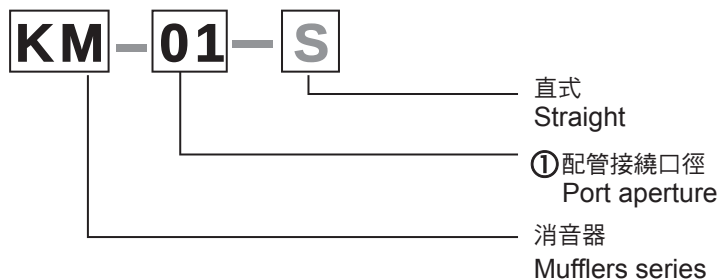


銅消音器 Brass Mufflers

仕様 Specifications

項目 Item	型號 Type	KM-M5 KM-M5-S	KM-01 KM-01-S	KM-02 KM-02-S	KM-03 KM-03-S	KM-04 KM-04-S	KM-06 KM-06-S	KM-08 KM-08-S
配管接繞口徑 Port aperture		M5X0.8	R1/8	R1/4	R3/8	R1/2	R3/4	R1
使用流體 Fluid		空氣 Air						
使用壓力範圍 Pressure rang		0~0.9 Mpa { 0~9.2 kgf/cm ² }						
使用壓力 Proof pressure		1.3 Mpa { 13.3 kgf/cm ² }						
使用溫度範圍 Temperature range		5~60 °C						
材質 Material	本體 Body	黃銅 Brass						
	濾芯 Element	燒結黃銅 Sintered brass (60μm)						

訂貨符號說明 Order Codes

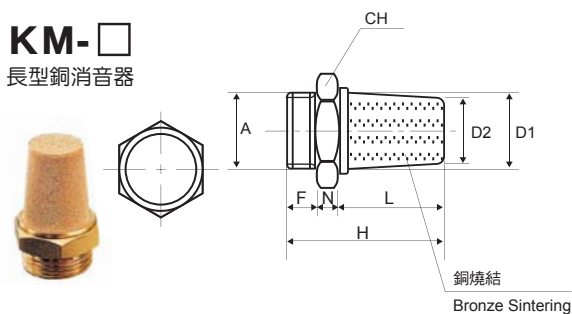


①配管接繞口徑 Port aperture

記號 Mark	配管接繞口徑 Port aperture
M5	M 5X0.8
01	R 1/8
02	R 1/4
03	R 3/8
04	R 1/2
06	R 3/4
08	R 1

尺寸圖 Dimensional Drawings

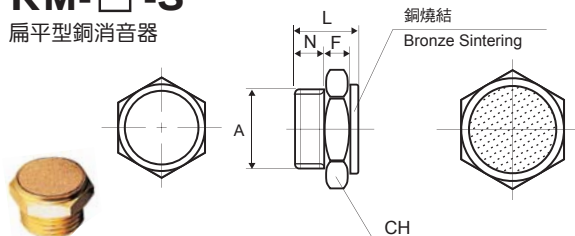
KM-□ 長型銅消音器



型號 Model	A (Rc)	D1	D2	N	F	L	H	CH
KM-M5	M5	5	4	3	5	12	20	8
KM-01	R1/8	8	7	4	6	14	24	12
KM-02	R1/4	12	10	4	8	18	30	17
KM-03	R3/8	14	11	5	9	21	35	19
KM-04	R1/2	19	15	6	10	28	44	24
KM-06	R3/4	25	20	8	10	32	50	30
KM-08	R1	30	25	8	12	43	63	36

單位 Unit:mm

KM-□-S 扁平型銅消音器



型號 Model	A (Rc)	N	F	L	CH
KM-M5-S	M5	3	5	9.5	8
KM-01-S	R1/8	4	6	12	12
KM-02-S	R1/4	4	8	15	17
KM-03-S	R3/8	5	9	17	19
KM-04-S	R1/2	6	10	18.5	24
KM-06-S	R3/4	8	10	21	30
KM-08-S	R1	8	12	23	36

單位 Unit:mm

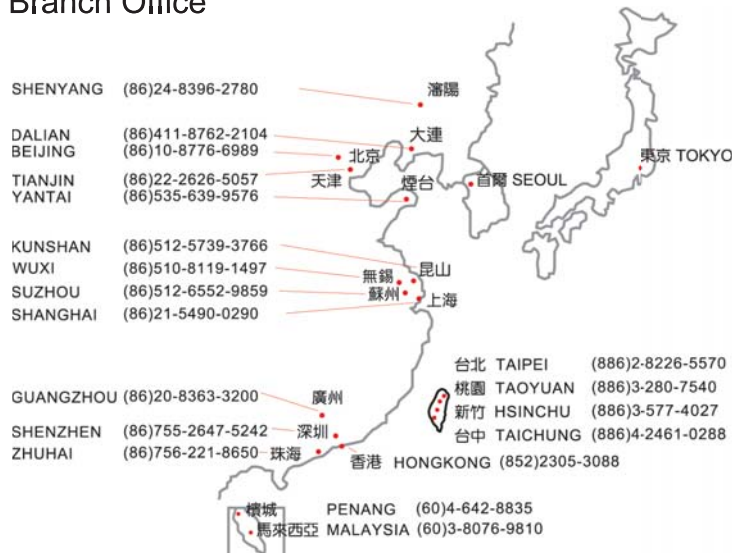




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