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**Durability
Precision
Reliability
Simplicity
Cost - effectiveness**



Metric System Brand

Sang-A is a registered trade name for Sang-A Pneumatic Co., Ltd. in Europe and Asia. The Sang-A brand logo represents products that are specified in the Metric system.

3 ONE-TOUCH FITTINGS



TUBE SERIES 24

12 COMPACT ONE-TOUCH FITTINGS



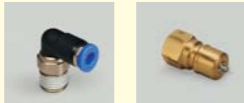
ACE COUPLER 25

15 SPEED CONTROLLERS



MINOR COUPLER 26

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HP COUPLER 27

18 STOP FITTINGS



MOLD COUPLER 28

19 CHECK VALVES



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SILENCERS 31

23 AIR GUN



Inch System Brand

SPC is a registered trade name for Sang-A Pneumatic Co., Ltd. in north America. The SPC brand logo represents products that are specified in the inch system. Both Sang-A and SPC logos are the registered trade marks of Sang-A Pneumatic Co., Ltd.

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ONE-TOUCH FITTINGS

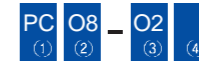
FEATURES

- Functional One-Touch design facilitates an instant tubing connection.
Elliptical sleeve configuration is ideal for Pneumatic installations in a confined space.
Simple manual pressure on the elliptical sleeve results in an instant tubing disconnection.
Nickel-plated metallic body provides resistance against corrosion and contamination over time.(optional)
Teflon-coated thread requires no additional sealing.
Various models are available in both inch and metric sizes.

SPECIFICATIONS

Table with 2 columns: Specification and Value. Includes Compatible Fluid type, Operating Pressure Range, Negative pressure, Operating Temperature Range, and Recommended Tube Material.

PRODUCTS CODE SYSTEM



- 1 Model Type
2 Tube Outer Dia (ØD)

Table mapping Code and Dia to Metric Size and Inch Size.

- 3 Thread Size(T)

Table mapping Code and Size to Metric Thread and Taper Pipe Thread.

Table mapping Code and Size to Unified Fine Thread and American Standard Taper Pipe Thread.

- 4 U: Hexagon flat-to-flat inch specification.(NPT)

STRUCTURAL DIAGRAM

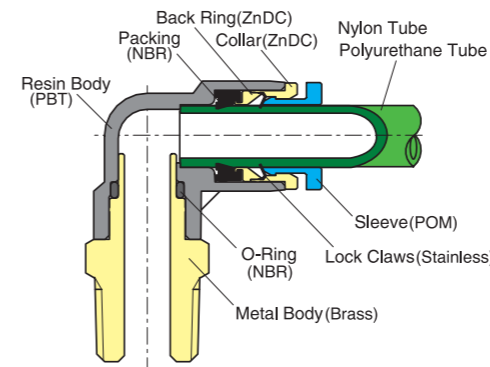


Table for PC Male Straight fittings, listing models and specifications for Metric, Inch, and NPT threads.

*Hexagonal wrench may be used for a proper tightening.

Table for PL Male Elbow fittings, listing models and specifications for Metric, Inch, and NPT threads.

*Rotating body construction after a proper installation.

Table for PL45 Male 45° Elbow fittings, listing models and specifications for Metric, Inch, and NPT threads.

*Rotating body construction after a proper installation.

PT Male Branch Tee	MODEL [øD-T]																						
	Tube(Metric)-Thread(R)			Tube(Inch)-Thread(R)			Tube(Inch)-Thread(NPT)																
	PT 04-M5	PT 08-01	PT 12-04	PT 5/32-01	PT 5/16-02	PT 5/32-U10U	PT 1/4-N03U	PT 1/2-N02U	PT 04-M6	PT 08-02	PT 16-03	PT 5/32-02	PT 5/16-03	PT 5/32-N01U	PT 1/4-N04U	PT 1/2-N03U	PT 04-01	PT 08-03	PT 16-04	PT 5/32-03	PT 3/8-01	PT 5/32-N02U	PT 5/16-N01U

*Rotating body construction after a proper installation.

PST Male Run Tee	MODEL [øD-T]																							
	Tube(Metric)-Thread(R)			Tube(Inch)-Thread(R)			Tube(Inch)-Thread(NPT)																	
	PST 04-M5	PST 08-01	PST 12-04	PST 5/32-01	PST 3/8-02	PST 5/32-U10U	PST 5/16-N01U	PST 04-M6	PST 08-02	PST 5/32-02	PST 3/8-03	PST 5/32-N01U	PST 5/16-N02U	PST 04-01	PST 08-03	PST 5/32-03	PST 3/8-04	PST 5/32-N02U	PST 5/16-N03U	PST 04-02	PST 08-04	PST 1/4-01	PST 1/2-02	PST 3/16-U10U

*Rotating body construction after a proper installation.

POC Round Male Straight	MODEL [øD-T]													
	Tube(Metric)-Thread(R)		Tube(Inch)-Thread(R)		Tube(Inch)-Thread(NPT)									
	POC 04-M5	POC 08-02	POC 1/4-01	POC 5/32-U10U	POC 5/16-N02U	POC 04-M6	POC 08-03	POC 1/4-02	POC 5/32-N01U	POC 5/16-N03U	POC 04-01	POC 08-04	POC 5/16-01	POC 5/32-N02U

*Hexagonal wrench may be used for a proper tightening.

PCF Female Straight	MODEL [øD-T]										
	Tube(Metric)-Thread(Rc)		Tube(Inch)-Thread(Rc)		Tube(Inch)-Thread(NPT)						
	PCF 04-01	PCF 10-02	PCF 5/32-01	PCF 5/16-04	PCF 5/32-N01U	PCF 3/8-N01U	PCF 04-02	PCF 10-03	PCF 5/32-02	PCF 3/8-01	PCF 5/32-N02U

PH Male Banjo	MODEL [øD-T]										
	Tube(Metric)-Thread(R)		Tube(Inch)-Thread(R)		Tube(Inch)-Thread(NPT)						
	PH 04-M5	PH 08-03	PH 5/32-M5	PH 1/2-03	PH 5/32-U10U	PH 5/16-N03U	PH 04-M6	PH 08-04	PH 5/32-01	PH 1/2-04	PH 5/32-N01U

*Rotating body construction after a proper installation.

PHF Female Banjo	MODEL [øD-T]									
	Tube(Metric)-Thread(R)		Tube(Inch)-Thread(R)		Tube(Inch)-Thread(NPT)					
	PHF 04-M5	PHF 08-03	PHF 5/32-M5	PHF 1/2-04	PHF 5/32-U10U	PHF 3/8-N02U	PHF 04-M6	PHF 08-04	PHF 5/32-01	PHF 5/32-N01U

*Rotating body construction after a proper installation.

PWT Male Y	MODEL [øD-T]																					
	Tube(Metric)-Thread(R)			Tube(Inch)-Thread(R)			Tube(Inch)-Thread(NPT)															
	PWT 04-M5	PWT 08-02	PWT 5/32-01	PWT 5/16-04	PWT 5/32-U10U	PWT 5/16-N01U	PWT 04-M6	PWT 08-03	PWT 5/32-02	PWT 3/8-01	PWT 5/32-N01U	PWT 04-01	PWT 08-04	PWT 3/16-01	PWT 3/8-02	PWT 5/32-N02U	PWT 5/16-N03U	PWT 04-02	PWT 10-01	PWT 3/16-02	PWT 3/8-03	PWT 3/16-U10U

*Rotating body construction after a proper installation.

PHT(D2) Double Universal Elbow	MODEL [øD-T]														
	Tube(Metric)-Thread(R)														
	PHT 04-01(2)	PHT 10-03(2)	PHT 04-02(2)	PHT 10-04(2)	PHT 04-03(2)	PHT 12-02(2)	PHT 06-01(2)	PHT 12-03(2)	PHT 06-02(2)	PHT 12-04(2)	PHT 06-03(2)	PHT 08-01(2)	PHT 08-02(2)	PHT 08-03(2)	PHT 08-04(2)

*Rotating body construction after a proper installation.

PAT(D2) Double Branch A	MODEL [øD-T]														
	Tube(Metric)-Thread(R)														
	PAT 04-01(2)	PAT 10-03(2)	PAT 04-02(2)	PAT 10-04(2)	PAT 04-03(2)	PAT 12-02(2)	PAT 06-01(2)	PAT 12-03(2)	PAT 06-02(2)	PAT 12-04(2)	PAT 06-03(2)	PAT 08-01(2)	PAT 08-02(2)	PAT 08-03(2)	PAT 08-04(2)

*Rotating body construction after a proper installation.


PMF Bulkhead Female Straight	MODEL [øD-T]						
	Tube(Metric)-Thread(R)		Tube(Inch)-Thread(NPT)				
	PMF 04-01	PMF 10-01	PMF 5/32-N01U	PMF 3/8-N02U	PMF 04-02	PMF 10-02	PMF 3/16-N01U

PCJ Plug-In Male	MODEL [øD-T]						
	Tube(Metric)-Thread(R)		Tube(Inch)-Thread(NPT)				
	PCJ 04-M5	PCJ 10-03	PCJ 5/32-U10U	PCJ 3/16-N03U	PCJ 04-01	PCJ 10-04	PCJ 5/32-N01U

PLF Female Elbow	MODEL [øD-T]						
	Tube(Metric)-Thread(Rc)		Tube(Inch)-Thread(NPT)				
	PLF 04-M5	PLF 08-03	PLF 5/32-U10U	PLF 3/8-N02U	PLF 04-M6	PLF 10-02	PLF 5/32-N01U


*Rotating body construction after a proper installation.

PLJ45 NEW!
Plug-In Elbow




MODEL [ØD]
 Tube(Metric) Tube(Inch)
 PLJ45 04 PLJ45 5/32
 PLJ45 06 PLJ45 3/16
 PLJ45 08 PLJ45 1/4
 PLJ45 10 PLJ45 5/16
 PLJ45 12 PLJ45 3/8
 PLJ45 1/2

PLLJ
Plug-In Extended Elbow




MODEL [ØD]
 Tube(Metric) Tube(Inch)
 PLLJ 04 PLLJ 5/32
 PLLJ 06 PLLJ 3/16
 PLLJ 08 PLLJ 1/4
 PLLJ 10 PLLJ 5/16
 PLLJ 12 PLLJ 3/8
 PLLJ 16 PLLJ 1/2

PLLJ45 NEW!
Plug-In Extended Elbow




MODEL [ØD]
 Tube(Metric) Tube(Inch)
 PLLJ45 04 PLLJ45 5/32
 PLLJ45 06 PLLJ45 3/16
 PLLJ45 08 PLLJ45 1/4
 PLLJ45 10 PLLJ45 5/16
 PLLJ45 12 PLLJ45 3/8
 PLLJ45 1/2

PLGJ
Plug-In Reducer Elbow




MODEL [ØD1-ØD2]
 Tube(Metric) Tube(Inch)
 PLGJ 06-04 PLGJ 3/16-5/32
 PLGJ 08-06 PLGJ 1/4-5/32
 PLGJ 10-08 PLGJ 1/4-3/16
 PLGJ 12-10 PLGJ 5/16-1/4
 PLGJ 3/8-5/16
 PLGJ 1/2-3/8

PLGJ45 NEW!
Plug-In Reducer Elbow




MODEL [ØD1-ØD2]
 Tube(Metric) Tube(Inch)
 PLGJ45 06-04 PLGJ45 3/16-5/32
 PLGJ45 08-06 PLGJ45 1/4-5/32
 PLGJ45 10-08 PLGJ45 1/4-3/16
 PLGJ45 12-10 PLGJ45 5/16-1/4
 PLGJ45 3/8-5/16
 PLGJ45 1/2-3/8

PIJ
Tube Splicer




MODEL [ØD]
 Tube(Metric) Tube(Inch)
 PIJ 04 PIJ 5/32
 PIJ 06 PIJ 3/16
 PIJ 08 PIJ 1/4
 PIJ 10 PIJ 5/16
 PIJ 12 PIJ 3/8
 PIJ 16 PIJ 1/2

PJH NEW!
Plug-In Extended Elbow




MODEL [ØD1-ØD2]
 Tube(Metric) Tube(Inch)
 PJH 04-04 PJH 04-1/8
 PJH 04-05 PJH 08-1/4
 PJH 06-05 PJH 10-1/4
 PJH 06-06 PJH 12-1/2
 PJH 08-06 PJH 14-1/2
 PJH 08-08
 PJH 10-08
 PJH 12-08
 PJH 12-10
 PJH 12-13
 PJH 14-14

PIG
Reducer Tube Splicer




MODEL [ØD1-ØD2]
 Tube(Metric) Tube(Inch)
 PIG 06-04 PIG 3/16-5/32
 PIG 08-04 PIG 1/4-3/16
 PIG 08-06 PIG 1/4-5/32
 PIG 10-06 PIG 5/16-5/32
 PIG 10-08 PIG 5/16-1/4
 PIG 12-08 PIG 3/8-1/4
 PIG 12-10 PIG 3/8-5/16
 PIG 16-12 PIG 1/2-5/16
 PIG 1/2-3/8

PP
Plug




MODEL [ØD]
 Tube(Metric) Tube(Inch)
 PP 04 PP 5/32
 PP 06 PP 3/16
 PP 08 PP 1/4
 PP 10 PP 5/16
 PP 12 PP 3/8
 PP 16 PP 1/2

PYJ
Plug-In Y




MODEL [ØD]
 Tube(Metric) Tube(Inch)
 PYJ 04 PYJ 5/32
 PYJ 06 PYJ 3/16
 PYJ 08 PYJ 1/4
 PYJ 10 PYJ 5/16
 PYJ 12 PYJ 3/8
 PYJ 1/2

PWJ
Plug-In Reducer Y




MODEL [ØD1-ØD2]
 Tube(Metric) Tube(Inch)
 PWJ 06-04 PWJ 1/4-5/32
 PWJ 08-06 PWJ 5/16-1/4
 PWJ 10-08 PWJ 3/8-5/16
 PWJ 12-10 PWJ 1/2-3/8

PPF
Cap




MODEL [ØD]
 Tube(Metric) Tube(Inch)
 PPF 04 PPF 5/32
 PPF 06 PPF 3/16
 PPF 08 PPF 1/4
 PPF 10 PPF 5/16
 PPF 12 PPF 3/8
 PPF 1/2

PXG
Reducer Double Y Union




MODEL [ØD1-ØD2]
 Tube(Metric) Tube(Inch)
 PXG 06-04 PXG 1/4-5/32
 PXG 08-06 PXG 5/16-1/4

PXJ
Reducer Double Y




MODEL [ØD1-ØD2]
 Tube(Metric) Tube(Inch)
 PXJ 06-04 PXJ 1/4-5/32
 PXJ 08-06 PXJ 5/16-1/4

PXT
Male Double Y




MODEL [ØD-T]
 Tube(Metric)-Thread(R) Tube(Inch)-Thread(NPT)
 PXT 04-01 PXT 5/32-N01
 PXT 04-02 PXT 5/32-N02
 PXT 06-01 PXT 1/4-N01
 PXT 06-02 PXT 1/4-N02
 Tube(Inch)-Thread(R)
 PXT 1/4-R01
 PXT 1/4-R02

PKG
Reducer Triple Branch Union




MODEL [ØD1-ØD2]
 Tube(Metric) Tube(Inch)
 PKG 06-04 PKG 3/16-5/32
 PKG 08-04 PKG 5/16-5/32
 PKG 08-06 PKG 5/16-3/16
 PKG 10-06 PKG 5/16-1/4
 PKG 10-08 PKG 3/8-1/4
 PKG 3/8-5/16

PKJ
Plug-In Reducer Triple Branch




MODEL [ØD1-ØD2]
 Tube(Metric) Tube(Inch)
 PKJ 06-04 PKJ 3/16-5/32
 PKJ 08-04 PKJ 1/4-5/32
 PKJ 08-06 PKJ 5/16-5/32
 PKJ 10-06 PKJ 5/16-3/16
 PKJ 10-08 PKJ 5/16-1/4
 PKJ 3/8-5/16

PKD
Male Reducer Triple Branch




MODEL [ØD1-ØD2-T]
 Tube(Metric)-Thread(R) Tube(Inch)-Thread(NPT)
 PKD 06-04-01 PKD 3/16-5/32-N01U
 PKD 08-04-02 PKD 1/4-5/32-N01U
 PKD 08-06-02 PKD 1/4-5/32-N02U
 PKD 10-08-03 PKD 5/16-3/16-N02U
 PKD 5/16-3/16-N02U
 PKD 5/16-1/4-N02U
 PKD 5/16-1/4-N03U
 PKD 3/8-5/16-N03U

CAS NEW!
Insert Tube

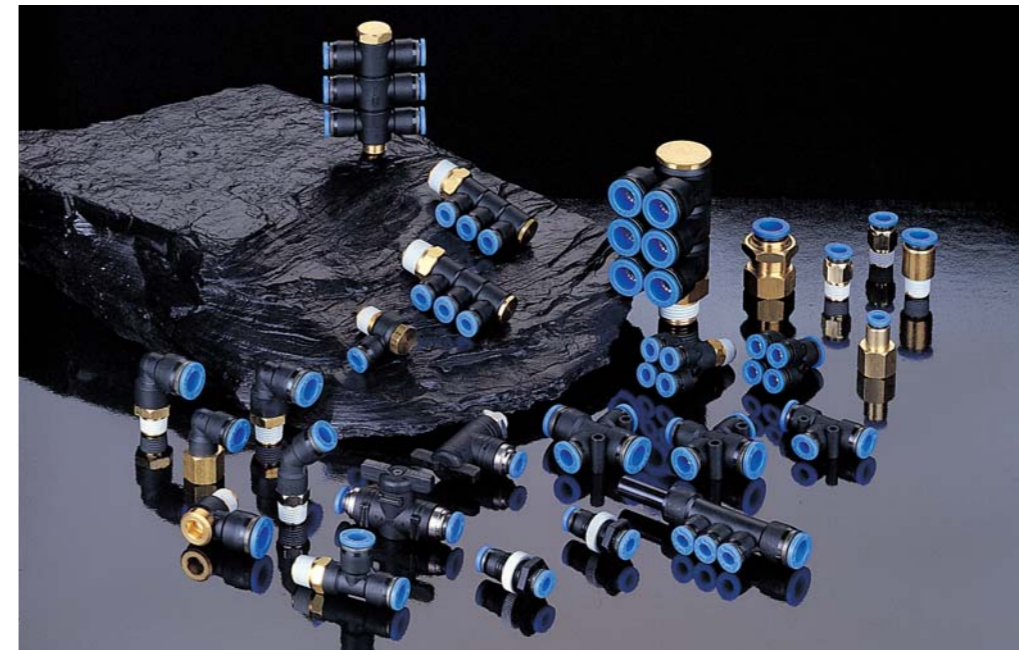


MODEL [ØD]
 Tube(Metric) Tube(Inch)
 CAS 04 CAS 5/32
 CAS 06 CAS 3/16
 CAS 08 CAS 1/4
 CAS 10 CAS 5/16
 CAS 12 CAS 3/8
 CAS 1/2

CASI NEW!
Insert Tube



MODEL [ØD]
 Tube(Metric) Tube(Inch)
 CASI 04 CASI 5/32
 CASI 06 CASI 3/16
 CASI 08 CASI 1/4
 CASI 10 CASI 5/16
 CASI 12 CASI 3/8
 CASI 1/2

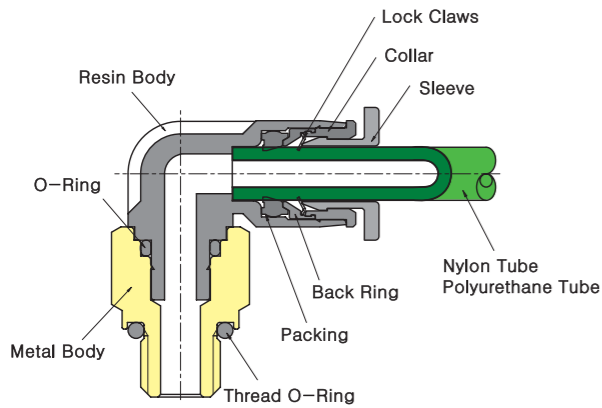


COMPACT ONE-TOUCH FITTINGS

FEATURES

- The smallest pneumatic fittings in the world. In fact, the volume is 40% less and the outside diameter is 20% less in comparison to those of the standard type.
- Compact One-Touch Fittings are specially designed for pneumatic installations in equipment that are small and compact in size.

STRUCTURAL DIAGRAM



SPECIFICATIONS

Compatible Fluid type	Air(No other gases or liquids)	
Operating Pressure Range	0~150PSI	0~9Kgf/cm(0~900kPa)
Negative pressure	-29.5 in Hg	-750mmHg(10Torr)
Operating Temperature Range	32~140° F	0~60°C
Recommended Tube Material	Polyurethane and Nylon	

PRODUCTS CODE SYSTEM



① Model Type

② Tube Dia(∅D)

Code	03	04	06	1/8	5/32	1/4
Metric Size	M3	M4	M6	M5	M6	M8
Inch Size	1/8	1/4	3/8	1/8	5/32	1/4

③ Thread Size(T)

Code	Metric Size			
	M3	M5	M6	O1
Size	M3×0.5	M5×0.8	M6×1.0	R1/8

Code	Inch Thread (UNF & NPT)	
	Unified Fine Thread	American Standard Taper Pipe Thread
Size	U10U	N00U, N01U
Size	10-32UNF	NPT1/16, NPT1/8

④ C=COMPACT

PC-C Male Straight	MODEL (∅D-T)		
	Tube(Metric)-Thread(R)	Tube(Inch)-Thread(R)	Tube(Inch)-Thread(NPT)
T	PC 03-M3C	PC 1/8-M3C	PC 1/8-U10UC
∅D	PC 03-M5C	PC 1/8-M5C	PC 1/8-N00UC
	PC 03-M6C	PC 1/8-M6C	PC 1/8-N01UC
	PC 04-M3C	PC 5/32-M3C	PC 5/32-U10UC
	PC 04-M5C	PC 5/32-M5C	PC 5/32-N00UC
	PC 04-M6C	PC 5/32-M6C	PC 5/32-N01UC
	PC 04-01C	PC 5/32-01C	PC 1/4-U10UC
	PC 06-M5C	PC 1/4-M5C	PC 1/4-N00UC
	PC 06-M6C	PC 1/4-M6C	PC 1/4-N01UC
	PC 06-01C	PC 1/4-01C	

PUC-C Union Straight	MODEL (∅D)	
	Tube(Metric)	Tube(Inch)
∅D	PUC 03C	PUC 1/8C
	PUC 04C	PUC 5/32C
	PUC 06C	PUC 1/4C

PL-C Male Elbow	MODEL (∅D-T)		
	Tube(Metric)-Thread(R)	Tube(Inch)-Thread(R)	Tube(Inch)-Thread(NPT)
T	PL 03-M3C	PL 1/8-M3C	PL 1/8-U10UC
∅D	PL 03-M5C	PL 1/8-M5C	PL 1/8-N00UC
	PL 03-M6C	PL 1/8-M6C	PL 1/8-N01UC
	PL 04-M3C	PL 5/32-M3C	PL 5/32-U10UC
	PL 04-M5C	PL 5/32-M5C	PL 5/32-N00UC
	PL 04-M6C	PL 5/32-M6C	PL 5/32-N01UC
	PL 04-01C	PL 5/32-01C	PL 1/4-U10UC
	PL 06-M5C	PL 1/4-M5C	PL 1/4-N00UC
	PL 06-M6C	PL 1/4-M6C	PL 1/4-N01UC
	PL 06-01C	PL 1/4-01C	

PUL-C Union Elbow	MODEL (∅D)	
	Tube(Metric)	Tube(Inch)
∅D	PUL 03C	PUL 1/8C
	PUL 04C	PUL 5/32C
	PUL 06C	PUL 1/4C

PT-C Male Branch Tee	MODEL (∅D-T)		
	Tube(Metric)-Thread(R)	Tube(Inch)-Thread(R)	Tube(Inch)-Thread(NPT)
∅D	PT 03-M3C	PT 1/8-M3C	PT 1/8-U10UC
T	PT 03-M5C	PT 1/8-M5C	PT 1/8-N00UC
	PT 03-M6C	PT 1/8-M6C	PT 1/8-N01UC
	PT 04-M3C	PT 5/32-M3C	PT 5/32-U10UC
	PT 04-M5C	PT 5/32-M5C	PT 5/32-N00UC
	PT 04-M6C	PT 5/32-M6C	PT 5/32-N01UC
	PT 04-01C	PT 5/32-01C	PT 1/4-U10UC
	PT 06-M5C	PT 1/4-M5C	PT 1/4-N00UC
	PT 06-M6C	PT 1/4-M6C	PT 1/4-N01UC
	PT 06-01C	PT 1/4-01C	

PUT-C Union Tee	MODEL (∅D)	
	Tube(Metric)	Tube(Inch)
∅D	PUT 03C	PUT 1/8C
	PUT 04C	PUT 5/32C
	PUT 06C	PUT 1/4C

POC-C Round Male Straight	MODEL (∅D-T)		
	Tube(Metric)-Thread(R)	Tube(Inch)-Thread(R)	Tube(Inch)-Thread(NPT)
∅D	POC 03-M3C	POC 1/8-M3C	POC 1/8-U10UC
T	POC 03-M5C	POC 1/8-M5C	POC 1/8-N00UC
	POC 03-M6C	POC 1/8-M6C	POC 1/8-N01UC
	POC 04-M3C	POC 5/32-M3C	POC 5/32-U10UC
	POC 04-M5C	POC 5/32-M5C	POC 5/32-N00UC
	POC 04-M6C	POC 5/32-M6C	POC 5/32-N01UC
	POC 04-01C	POC 5/32-01C	POC 1/4-U10UC
	POC 06-M5C	POC 1/4-M5C	POC 1/4-N00UC
	POC 06-M6C	POC 1/4-M6C	POC 1/4-N01UC
	POC 06-01C	POC 1/4-01C	

*Hexagonal wrench may be used for a proper tightening.

PCF-C Female Straight	MODEL (∅D-T)		
	Tube(Metric)-Thread(Rc)	Tube(Inch)-Thread(Rc)	Tube(Inch)-Thread(NPT)
∅D	PCF 03-M3C	PCF 1/8-M3C	PCF 1/8-U10UC
T	PCF 03-M5C	PCF 1/8-M5C	PCF 1/8-N00UC
	PCF 04-M3C	PCF 5/32-M3C	PCF 5/32-U10UC
	PCF 04-M5C	PCF 5/32-M5C	PCF 5/32-N00UC

PST-C Male Run Tee	MODEL (∅D-T)		
	Tube(Metric)-Thread(R)	Tube(Inch)-Thread(R)	Tube(Inch)-Thread(NPT)
∅D	PST 03-M3C	PST 1/8-M3C	PST 1/8-U10UC
T	PST 03-M5C	PST 1/8-M5C	PST 1/8-N00UC
	PST 03-M6C	PST 1/8-M6C	PST 1/8-N01UC
	PST 04-M3C	PST 5/32-M3C	PST 5/32-U10UC
	PST 04-M5C	PST 5/32-M5C	PST 5/32-N00UC
	PST 04-M6C	PST 5/32-M6C	PST 5/32-N01UC
	PST 04-01C	PST 5/32-01C	PST 1/4-U10UC
	PST 06-M5C	PST 1/4-M5C	PST 1/4-N00UC
	PST 06-M6C	PST 1/4-M6C	PST 1/4-N01UC
	PST 06-01C	PST 1/4-01C	

PGJ-C Reducer	MODEL (∅D1-∅D2)	
	Tube(Metric)	Tube(Inch)
∅D1	PGJ 04-03C	PGJ 06C-1/8C
∅D2	PGJ 06-04C	PGJ 1/4C-5/32C

PLL-C Extended Male Elbow	MODEL (∅D-T)		
	Tube(Metric)-Thread(R)	Tube(Inch)-Thread(R)	Tube(Inch)-Thread(NPT)
∅D	PLL 03-M3C	PLL 1/8-M3C	PLL 1/8-U10UC
T	PLL 03-M5C	PLL 1/8-M5C	PLL 1/8-N00UC
	PLL 03-M6C	PLL 1/8-M6C	PLL 1/8-N01UC
	PLL 04-M3C	PLL 5/32-M3C	PLL 5/32-U10UC
	PLL 04-M5C	PLL 5/32-M5C	PLL 5/32-N00UC
	PLL 04-M6C	PLL 5/32-M6C	PLL 5/32-N01UC
	PLL 04-01C	PLL 5/32-01C	PLL 1/4-U10UC
	PLL 06-M5C	PLL 1/4-M5C	PLL 1/4-N00UC
	PLL 06-M6C	PLL 1/4-M6C	PLL 1/4-N01UC
	PLL 06-01C	PLL 1/4-01C	

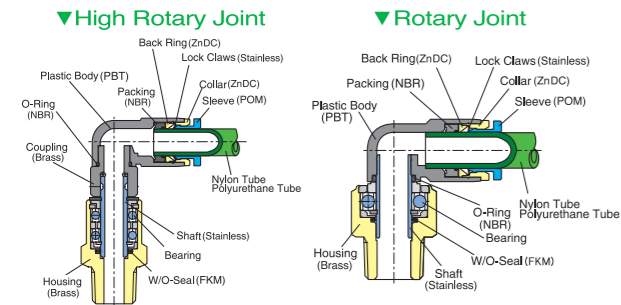


ROTARY JOINTS

FEATURES

- Two embedded bearings better accommodate high speed rotation and swinging of pneumatic connections.
- Built in bearing accommodates the rotation and swinging of pneumatic connections.
- Rotary joints are constructed to fairly withstand the vibration or tubing movements.

STRUCTURAL DIAGRAM



NUMBER OF ROTATION

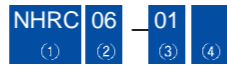
Model	NHRC, NHRL, NHRS, NHRF				
Tube Dia	Ø4	Ø6	Ø8	Ø10	Ø12
r. p. m	1500	1200	1200	1000	1000

Model	NRC, NRL				
Tube Dia	Ø4	Ø6	Ø8	Ø10	Ø12
r. p. m	500	500	400	300	250

SPECIFICATIONS

Compatible Fluid Type	Air(No other gases or liquids)	
Pressure Range	0~150PSI	0~9kgf/cm ² (0~900kPa)
Negative Pressure	-29.5mmHg	-750mmHg(10 Torr)
Temperature Range	32~140°F	0~60°C
Recommended Tube Material	Polyurethane and Nylon	

PRODUCT CODE SYSTEM



① Model Type

② Tube Outer Dia(ØD)

Code	Metric Size					Inch Size					
	Ø4	Ø6	Ø8	Ø10	Ø12	5/32	3/16	1/4	5/16	3/8	1/2
Dia	Ø4	Ø6	Ø8	Ø10	Ø12	Ø5/32	Ø3/16	Ø1/4	Ø5/16	Ø3/8	Ø1/2

③ Thread Size(T)

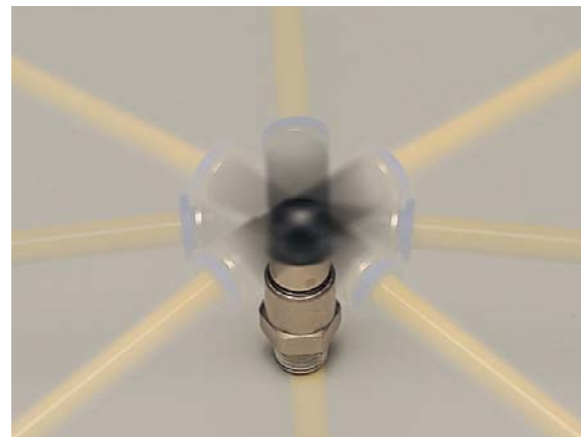
* Metric Thread & R(PT) Thread

Code	Metric Size			Taper Pipe Thread		
	M5	M6	Ø1	Ø2	Ø3	Ø4
Size	M5×0.8	M6×1.0	R1/8	R1/4	R3/8	R1/2

*Inch Thread (UNF & NPT)

Code	Unified Fine Thread		American Standard Taper pipe Thread		
	U10U	N01U	N02U	N03U	N04U
Size	10-32UNF	NPT1/8	NPT1/4	NPT3/8	NPT1/2

④ U : Hexagon flat-to-flat inch specification.(NPT)



MODEL [ØD-T]	Tube(Metric)-Thread(R)		Tube(Inch)-Thread(NPT)	
	Tube(Metric)-Thread(R)	Tube(Inch)-Thread(R)	Tube(Inch)-Thread(NPT)	Tube(Inch)-Thread(NPT)
NHRC Straight	NHRC 04-M5	NHRC 1/4-01	NHRC 5/32-U10U	NHRC 1/2-N03U
	NHRC 04-M6	NHRC 1/4-02	NHRC 5/32-N01U	NHRC 1/2-N04U
	NHRC 04-01	NHRC 5/16-01	NHRC 3/16-U10U	
	NHRC 06-01	NHRC 5/16-02	NHRC 3/16-N01U	
	NHRC 06-02	NHRC 3/8-03	NHRC 3/16-N02U	
	NHRC 08-01	NHRC 3/8-04	NHRC 1/4-N01U	
	NHRC 08-02		NHRC 1/4-N02U	
	NHRC 10-03		NHRC 5/16-N01U	
	NHRC 10-04		NHRC 5/16-N02U	
	NHRC 12-03		NHRC 3/8-N03U	
	NHRC 12-04		NHRC 3/8-N04U	

MODEL [ØD-T]	Tube(Metric)-Thread(R)		Tube(Inch)-Thread(NPT)	
	Tube(Metric)-Thread(R)	Tube(Inch)-Thread(R)	Tube(Inch)-Thread(NPT)	Tube(Inch)-Thread(NPT)
NHRL Elbow	NHRL 04-M5	NHRL 1/4-01	NHRL 5/32-U10U	NHRL 1/2-N03U
	NHRL 04-M6	NHRL 1/4-02	NHRL 5/32-N01U	NHRL 1/2-N04U
	NHRL 04-01	NHRL 5/16-01	NHRL 3/16-U10U	
	NHRL 06-01	NHRL 5/16-02	NHRL 3/16-N01U	
	NHRL 06-02	NHRL 3/8-03	NHRL 3/16-N02U	
	NHRL 08-01	NHRL 3/8-04	NHRL 1/4-N01U	
	NHRL 08-02		NHRL 1/4-N02U	
	NHRL 10-03		NHRL 5/16-N01U	
	NHRL 10-04		NHRL 5/16-N02U	
	NHRL 12-03		NHRL 3/8-N03U	
	NHRL 12-04		NHRL 3/8-N04U	

MODEL [T1-T2]	Thread(R)-Thread(R)		Thread(NPT)-Thread(NPT)	
	Thread(R)-Thread(R)	Thread(NPT)-Thread(NPT)	Thread(NPT)-Thread(NPT)	Thread(NPT)-Thread(NPT)
NHRS Nipple	NHRS 01-01		NHRS N01-N01U	
	NHRS 01-02		NHRS N01-N02U	
	NHRS 02-01		NHRS N02-N01U	
	NHRS 02-02		NHRS N02-N02U	
	NHRS 03-03		NHRS N03-N03U	
	NHRS 03-04		NHRS N03-N04U	
	NHRS 04-03		NHRS N04-N03U	
	NHRS 04-04		NHRS N04-N04U	

MODEL [T1-T2]	Thread(R)-Thread(Rc)		Thread(NPT)-Thread(NPT)	
	Thread(R)-Thread(Rc)	Thread(NPT)-Thread(NPT)	Thread(NPT)-Thread(NPT)	Thread(NPT)-Thread(NPT)
NHFR Bush	NHFR 01-01		NHFR N01-N01U	
	NHFR 01-02		NHFR N01-N02U	
	NHFR 02-01		NHFR N02-N01U	
	NHFR 02-02		NHFR N02-N02U	
	NHFR 03-03		NHFR N03-N03U	
	NHFR 03-04		NHFR N03-N04U	
	NHFR 04-03		NHFR N04-N03U	
	NHFR 04-04		NHFR N04-N04U	

Fittings with G Thread(O-Ring)

MODEL [ØD-T]	Tube(Metric)-Thread(G)	
	Tube(Metric)-Thread(G)	Tube(Metric)-Thread(G)
NHRC-G Straight	NHRC 04-G01	
	NHRC 06-G01	
	NHRC 06-G02	
	NHRC 08-G01	
	NHRC 08-G02	
	NHRC 08-G03	
	NHRC 10-G03	
	NHRC 10-G04	
	NHRC 12-G03	
	NHRC 12-G04	

MODEL [ØD-T]	Male Thread(R) - Male Thread(G)	
	Male Thread(R) - Male Thread(G)	Male Thread(R) - Male Thread(G)
NHRS-G Nipple	NHRS G01-G01	
	NHRS G01-G02	
	NHRS G02-G01	
	NHRS G02-G02	
	NHRS G03-G03	
	NHRS G03-G04	
	NHRS G04-G03	
	NHRS G04-G04	

MODEL [ØD-T]	Tube(Metric)-Thread(G)	
	Tube(Metric)-Thread(G)	Tube(Metric)-Thread(G)
NRC-G Straight	NRC 04-G01	
	NRC 06-G01	
	NRC 06-G02	
	NRC 08-G01	
	NRC 08-G02	
	NRC 08-G03	
	NRC 10-G03	
	NRC 10-G04	
	NRC 12-G03	
	NRC 12-G04	

MODEL [ØD-T]	Tube(Metric)-Thread(G)	
	Tube(Metric)-Thread(G)	Tube(Metric)-Thread(G)
NHRL-G Elbow	NHRL 04-G01	
	NHRL 06-G01	
	NHRL 06-G02	
	NHRL 08-G01	
	NHRL 08-G02	
	NHRL 10-G03	
	NHRL 10-G04	
	NHRL 12-G03	
	NHRL 12-G04	

MODEL [T1-T2]	Male Thread(G) - Female Thread(G)	
	Male Thread(G) - Female Thread(G)	Male Thread(G) - Female Thread(G)
NHFR-G Bush	NHFR G01-G01	
	NHFR G01-G02	
	NHFR G02-G01	
	NHFR G02-G02	
	NHFR G03-G03	
	NHFR G03-G04	
	NHFR G04-G03	
	NHFR G04-G04	

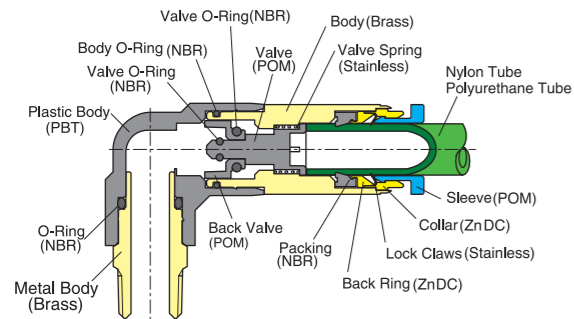
MODEL [ØD-T]	Tube(Metric)-Thread(G)	
	Tube(Metric)-Thread(G)	Tube(Metric)-Thread(G)
NRL-G Elbow	NRL 04-G01	
	NRL 06-G01	
	NRL 06-G02	
	NRL 08-G01	
	NRL 08-G02	
	NRL 10-G03	
	NRL 10-G04	
	NRL 12-G03	
	NRL 12-G04	

STOP FITTINGS

FEATURES

- The double-passage mechanism of stop Fittings completely prevent the airflow upon the tubing disconnection and reinitiates the airflow upon the tubing reconnection.
- The complete prevention of airflow upon the tubing disconnection provides safety when repairing the pneumatic equipment.
- Stop Fittings are ideal for the demonstration or the testing of pneumatic connections.

STRUCTURAL DIAGRAM



SPECIFICATIONS

Compatible Fluid type	Air(No other gases or liquids)	
Operating Pressure Range	0~150PSI	0~9kgf/cm ² (0~900kPa)
Operating Temperature Range	32~140°F	0~60°C
Recommended Tube Material	Polyurethane and Nylon	

PRODUCT CODE SYSTEM

SPC	06	01	
(1)	(2)	(3)	(4)

① Model Type

② Tube Outer Dia(∅D)

Code	Metric Size					Inch Size					
	04	06	08	10	12	5/32	3/16	1/4	5/16	3/8	1/2
Dia	∅4	∅6	∅8	∅10	∅12	∅5/32	∅3/16	∅1/4	∅5/16	∅3/8	∅1/2

③ Thread Size(T)

* Metric Thread & R(PT) Thread

Code	Metric Size		Taper Pipe Size			
	M5	M6	01	02	03	04
Size	M5×0.8	M6×1.0	R1/8	R1/4	R3/8	R1/2

*Inch Thread (UNF & NPT)

Code	Unified Fine Thread		American Standard Taper Pipe Thread		
	U10U	N01U	N02U	N03U	N04U
Size	10-32UNF	NPT1/8	NPT1/4	NPT3/8	NPT1/2

④U : Hexagon flat-to-flat inch specification.(NPT)

MODEL [∅D-T]	Tube(Metric)-Thread(R)		Tube(Inch)-Thread(NPT)	
	Tube(Metric)	Thread(R)	Tube(Inch)	Thread(NPT)
SPL Elbow	SPL 04-M5	SPL 10-04	SPL 5/32-U10U	SPL 3/8-N02U
	SPL 04-M6	SPL 12-03	SPL 5/32-N01U	SPL 3/8-N03U
	SPL 04-01	SPL 12-04	SPL 3/16-U10U	SPL 3/8-N04U
	SPL 06-M5		SPL 3/16-N01U	SPL 1/2-N03U
	SPL 06-01		SPL 3/16-N02U	SPL 1/2-N04U
	SPL 06-02		SPL 1/4-U10U	
	SPL 08-01		SPL 1/4-N01U	
	SPL 08-02		SPL 1/4-N02U	
	SPL 08-03		SPL 5/16-N01U	
	SPL 10-02		SPL 5/16-N02U	
	SPL 10-03		SPL 5/16-N03U	

MODEL [∅D-T]	Tube(Metric)-Thread(G)	
	Tube(Metric)	Thread(G)
SPL-G Elbow	SPL 04-G01	
	SPL 06-G01	
	SPL 06-G02	
	SPL 08-G01	
	SPL 08-G02	
	SPL 08-G03	
	SPL 10-G02	
	SPL 10-G03	
	SPL 10-G04	
	SPL 12-G03	
	SPL 12-G04	

MODEL [∅D-T]	Tube(Metric)-Thread(NPT)	
	Tube(Metric)	Thread(NPT)
SPC Straight	SPC 04-01	SPC 5/32-U01U
	SPC 06-01	SPC 5/32-N01U
	SPC 06-02	SPC 3/16-N01U
	SPC 08-01	SPC 3/16-N02U
	SPC 08-02	SPC 1/4-N01U
	SPC 08-03	SPC 1/4-N02U
	SPC 10-02	SPC 5/16-N02U
	SPC 10-03	SPC 5/16-N03U
	SPC 10-04	SPC 3/8-N03U
	SPC 12-03	SPC 3/8-N04U
	SPC 12-04	SPC 1/2-N03U
	SPC 04-M5	SPC 1/2-N04U

MODEL [∅D-T]	Tube(Metric)-Thread(G)	
	Tube(Metric)	Thread(G)
SPC-G Straight	SPC 04-G01	
	SPC 06-G01	
	SPC 06-G02	
	SPC 08-G01	
	SPC 08-G02	
	SPC 08-G03	
	SPC 10-G02	
	SPC 10-G03	
	SPC 10-G04	
	SPC 12-G03	
	SPC 12-G04	

MODEL [∅D]	Tube(Inch)	
	Tube(Metric)	Tube(Inch)
SPU Union Straight	SPU 04	SPU 5/32
	SPU 06	SPU 3/16
	SPU 08	SPU 1/4
	SPU 10	SPU 5/16
	SPU 12	SPU 3/8

MODEL [∅D]	Tube(Inch)	
	Tube(Metric)	Tube(Inch)
SPUM Union Straight	SPUM 04	SPUM 5/32
	SPUM 06	SPUM 3/16
	SPUM 08	SPUM 1/4
	SPUM 10	SPUM 5/16
	SPUM 12	SPUM 3/8
		SPUM 1/2



MODEL [∅D-T-A/B]	Tube(Metric)-Thread(NPT)	
	Tube(Metric)	Thread(NPT)
PCVC Straight	PCVC 04-M5	PCVC 5/32-U10U
	PCVC 04-M6	PCVC 5/32-N01U
	PCVC 04-01	PCVC 3/16-U10U
	PCVC 06-01	PCVC 3/16-N01U
	PCVC 06-02	PCVC 3/16-N02U
	PCVC 08-01	PCVC 1/4-N01U
	PCVC 08-02	PCVC 1/4-N02U
	PCVC 10-03	PCVC 5/16-N01U
	PCVC 10-04	PCVC 5/16-N02U
	PCVC 12-03	PCVC 3/8-N03U
	PCVC 12-04	PCVC 3/8-N04U

MODEL [∅D-T]	Tube(Metric)-Thread(G)	
	Tube(Metric)	Thread(G)
PCVC-G Straight	PCVC 04-G01	
	PCVC 06-G01	
	PCVC 06-G02	
	PCVC 08-G01	
	PCVC 08-G02	
	PCVC 10-G03	
	PCVC 10-G04	
	PCVC 12-G03	
	PCVC 12-G04	

MODEL [T1-T2-A/B]	Thread(NPT)-Thread(NPT)	
	Thread(R)-Thread(Rc)	Thread(NPT)-Thread(NPT)
PCVF Bush	PCVF 01-01	PCVF N01-N01U
	PCVF 02-02	PCVF N02-N02U
	PCVF 03-03	PCVF N03-N03U
	PCVF 04-04	PCVF N04-N04U

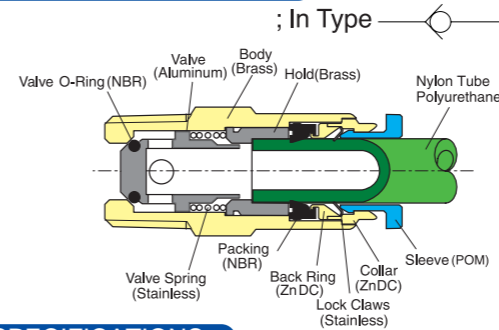
MODEL [T1-T2]	Thread(G)-Thread(G)	
	Thread(G)	Thread(G)
PCVF-G Bush	PCVF G01-G01	
	PCVF G02-G02	
	PCVF G03-G03	
	PCVF G04-G04	

CHECK VALVES

FEATURES

- Check Valves only permit the uni-directional airflow at a constant pressure and prevent the airflow in the opposite direction.
- Check Valves allow the pneumatic connections under low operating pressure conditions.

STRUCTURAL DIAGRAM



SPECIFICATIONS

Compatible Fluid type	Air(No other gases or liquids)	
Operating Pressure Range	0~150PSI	0~9kgf/cm ² (0~900kPa)
Negative Pressure	-29.5inHg	-750mmHg(10Torr)
Operating Temperature Range	32~140°F	0~60°C
Recommended Tube Material	Polyurethane and Nylon	

PRODUCT CODE SYSTEM

PCVC	06	01	A
(1)	(2)	(3)	(4)

① Type

② Tube Dia(∅D)

Code	Metric Size					Inch Size					
	04	06	08	10	12	5/32	3/16	1/4	5/16	3/8	1/2
Dia	∅4	∅6	∅8	∅10	∅12	∅5/32	∅3/16	∅1/4	∅5/16	∅3/8	∅1/2

③ Thread Size(T)

* Metric Thread & R(PT) Thread

Code	Metric Size		Taper Pipe Size			
	M5	M6	01	02	03	04
Size	M5×0.8	M6×1.0	R1/8	R1/4	R3/8	R1/2

*Inch Thread (UNF & NPT)

Code	Unified Fine Thread		American Standard Taper pipe Thread		
	U10U	N01U	N02U	N03U	N04U
Size	10-32UNF	NPT1/8	NPT1/4	NPT3/8	NPT1/2

④ Control Method

Type	Air Flow	
	Meter IN	Meter OUT
PCVC	Thread to Tube	Tube to Thread
PCVF	Thread to Tube	Tube to Thread
PCVU	Thread to Tube	Tube to Thread

In case of PCVU model, you should pipe according to signal of the body.

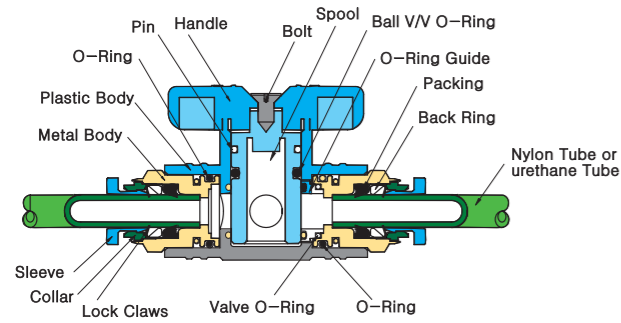
⑤U : Hexagon flat-to-flat inch specification.(NPT)

BALL VALVES

FEATURES

- Ball Valves are suitable for pneumatic applications in the completely open or closed positions.
- Depending on application conditions, the highly inert PPS resin body construction allows air or water services.
- The sectional dimension of the compact body is proportional to the tube size optimizes flow and efficiency.
- Specially designed handle enables increased turning leverage for easy opening and closing.

STRUCTURAL DIAGRAM



SPECIFICATIONS

Compatible Fluid type	Air & Water	
Operating Pressure Range	0~150PSI	0~9Kgf/cm ² (0~900kPa)
Negative pressure	-29.5in Hg	-750mmHg(10Torr)
Operating Temperature Range	32~140° F	0~60°C
Recommended Tube Material	Polyurethane and Nylon	

PRODUCTS CODE SYSTEM

BC 20 - 08 02

- Type
- Effective Sectional area

Metric Size		
Code	20	60
Size	20mm	60mm

- Tube Dia(∅D)

Metric Size				
Code	06	08	10	12
Size	∅6	∅8	∅10	∅12

- Thread Size(T)

*R (PT)Thread			
Taper Pipe Thread			
Code	01	02	03
Size	R1/8	R1/4	R3/8

*Inch Thread (NPT)			
American Standard Taper pipe Thread			
Code	N01U	N02U	N03U
Size	NPT1/8	NPT1/4	NPT3/8

- U : Hexagon flat-to-flat inch specification.(NPT)



20 Series

	MODEL [∅D1-∅D2]	
	Tube(Metric)	Tube(Inch)
BUC Union	BUC 20-0606	BUC 20 1/4-1/4
BUG Reducing Union	BUC 20-0808	BUC 20 5/16-5/16
	BUG 20-0806	BUG 20 5/16-1/4

	MODEL [∅D1-∅D2]	
	Tube(Metric)	Tube(Inch)
BM Bulkhead Union	BM 20-0606	BM 20 1/4-1/4
	BM 20-0806	BM 20 5/16-1/4
	BM 20-0808	BM 20 5/16-5/16

	MODEL [∅D-T]	
	Tube(Metric)-Thread(R)	Tube(Inch)-Thread(NPT)
BL Elbow	BL 20-0601	BL 20 1/4-N1/8
	BL 20-0602	BL 20 1/4-N1/4
	BL 20-0603	BL 20 1/4-N3/8
	BL 20-0801	BL 20 5/16-N1/8
	BL 20-0802	BL 20 5/16-N1/4
	BL 20-0803	BL 20 5/16-N3/8

	MODEL [∅D-T]	
	Tube(Metric)-Thread(R)	Tube(Inch)-Thread(NPT)
BC Straight	BC 20-0601	BC 20 1/4-N1/8
	BC 20-0602	BC 20 1/4-N1/4
	BC 20-0603	BC 20 1/4-N3/8
	BC 20-0801	BC 20 5/16-N1/8
	BC 20-0802	BC 20 5/16-N1/4
	BC 20-0803	BC 20 5/16-N3/8

60 Series

	MODEL [∅D1-∅D2]	
	Tube(Metric)	Tube(Inch)
BUL Union Elbow	BUL 20-0606	BUL 20 1/4-1/4
BLG Reducing Union Elbow	BUL 20-0808	BUL 20 5/16-5/16
	BLG 20-0608	BLG 20 1/4-5/16
	BLG 20-0806	BLG 20 5/16-1/4

	MODEL [∅D1-∅D2]	
	Tube(Metric)	Tube(Inch)
BLM Bulkhead Union Elbow	BLM 20-0606	BLM 20 1/4-1/4
	BLM 20-0806	BLM 20 5/16-1/4
	BLM 20-0808	BLM 20 5/16-5/16

	MODEL [∅D1-∅D2]	
	Tube(Metric)	Tube(Inch)
BUC Union	BUC 60-1010	BUC 60 3/8-3/8
BUG Reducing Union	BUC 60-1212	BUC 60 1/2-1/2
	BUG 60-1210	BUG 60 1/2-3/8

	MODEL [∅D1-∅D2]	
	Tube(Metric)	Tube(Inch)
BM Bulkhead Union	BM 60-1010	BM 60 3/8-3/8
	BM 60-1210	BM 60 1/2-3/8
	BM 60-1212	BM 60 1/2-1/2

	MODEL [∅D-T]	
	Tube(Metric)-Thread(R)	Tube(Inch)-Thread(NPT)
BL Elbow	BL 60-1002	BL 60 3/8-N1/4
	BL 60-1003	BL 60 3/8-N3/8
	BL 60-1004	BL 60 3/8-N1/2
	BL 60-1202	BL 60 1/2-N1/4
	BL 60-1203	BL 60 1/2-N3/8
	BL 60-1204	BL 60 1/2-N1/2

	MODEL [∅D-T]	
	Tube(Metric)-Thread(R)	Tube(Inch)-Thread(NPT)
BC Straight	BC 60-1002	BC 60 3/8-N1/8
	BC 60-1003	BC 60 3/8-N1/4
	BC 60-1004	BC 60 3/8-N1/2
	BC 60-1202	BC 60 1/2-N1/8
	BC 60-1203	BC 60 1/2-N1/4
	BC 60-1204	BC 60 1/2-N1/2

	MODEL [∅D1-∅D2]	
	Tube(Metric)	Tube(Inch)
BUL Union Elbow	BUL 60-1010	BUL 60 3/8-3/8
BLG Reducing Union Elbow	BUL 60-1212	BUL 60 1/2-1/2
	BLG 60-1012	BLG 60 3/8-1/2
	BLG 60-1210	BLG 60 1/2-3/8

	MODEL [∅D1-∅D2]	
	Tube(Metric)	Tube(Inch)
BLM Bulkhead Union Elbow	BLM 60-1010	BLM 60 3/8-3/8
	BLM 60-1210	BLM 60 1/2-3/8
	BLM 60-1212	BLM 60 1/2-1/2

Fittings with G Thread(O-Ring)

20 Series

	MODEL [∅D-T]	
	Tube(Metric)-Thread(G)	
BL-G Elbow	BL 20-06G01	
	BL 20-06G02	
	BL 20-06G03	
	BL 20-08G01	
	BL 20-08G02	
	BL 20-08G03	

	MODEL [∅D-T]	
	Tube(Metric)-Thread(G)	
BC-G Straight	BC 20-06G01	
	BC 20-06G02	
	BC 20-06G03	
	BC 20-08G01	
	BC 20-08G02	
	BC 20-08G03	

60 Series

	MODEL [∅D-T]	
	Tube(Metric)-Thread(G)	
BL-G Elbow	BL 60-10G02	
	BL 60-10G03	
	BL 60-10G04	
	BL 60-12G02	
	BL 60-12G03	
	BL 60-12G04	

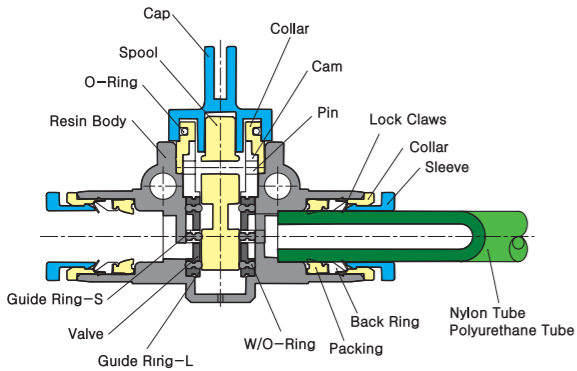
	MODEL [∅D-T]	
	Tube(Metric)-Thread(G)	
BC-G Straight	BC 60-10G02	
	BC 60-10G03	
	BC 60-10G04	
	BC 60-12G02	
	BC 60-12G03	
	BC 60-12G04	

HAND VALVES

FEATURES

- The Hand Valves are designed to regulate air flow manually.
- When closed, the three-way control valve prevents incoming air and discharges the residual air on the output side.
- Hand Valves are useful in checking or repairing the devices in a safe manner.

STRUCTURAL DIAGRAM



SPECIFICATIONS

Compatible Fluid type	Air(No other gases or liquids)	
Operating Pressure Range	0~150PSI	0~9kgf/cm ² (0~900kPa)
Negative pressure	-29.5in Hg	-750mmHg(10Torr)
Operating Temperature Range	32~140° F	0~60° C
Recommended Tube Material	Polyurethane and Nylon	

PRODUCTS CODE SYSTEM

HVFS (1) O6 (2) O1 (3) ① Model Type
② Tube Dia (∅D)

		Metric Size		
Code	06	08	10	12
Dia	∅6	∅8	∅10	∅12

③ Thread Size(R)

		Thread Size			
Code	01	02	03	04	
Size	R1/8	R1/4	R3/8	R1/2	



	MODEL (T1-T2)	Thread(R)
	HVSS 01-01	
	HVSS 02-01	
	HVSS 02-02	
	HVSS 03-02	
	MODEL (T-T)	Male Thread(G) - Male Thread(G)
	HVSS G01-G01	
	HVSS G02-G01	
	HVSS G02-G02	
	HVSS G03-G02	

	MODEL (∅D-T)	Tube(Metric)-Thread(R)
	HVFS 06-01	HVFS 12-04
	HVFS 06-02	
	HVFS 06-03	
	HVFS 08-01	
	HVFS 08-02	
	HVFS 08-03	
	HVFS 10-02	
	HVFS 10-03	
	HVFS 10-04	
	HVFS 12-02	
	HVFS 12-03	

	MODEL (∅D-T)	Tube(Metric)-Thread(G)
	HVFS 06-G01	HVFS 12-G04
	HVFS 06-G02	
	HVFS 06-G03	
	HVFS 08-G01	
	HVFS 08-G02	
	HVFS 08-G03	
	HVFS 10-G02	
	HVFS 10-G03	
	HVFS 10-G04	
	HVFS 12-G02	
	HVFS 12-G03	

	MODEL (T)	Thread(R)
	HSV-M-M5	
	HSV-M-1/8	
	HSV-M-1/4	
	HSV-M-3/8	
	HSV-M-1/2	
HSV-M-3/4		

	MODEL (∅D-T)	Tube(Metric)-Thread(R)
	HVSF 06-01	HVSF 12-04
	HVSF 06-02	
	HVSF 06-03	
	HVSF 08-01	
	HVSF 08-02	
	HVSF 08-03	
	HVSF 10-02	
	HVSF 10-03	
	HVSF 10-04	
	HVSF 12-02	
	HVSF 12-03	

	MODEL (∅D-T)	Tube(Metric)-Thread(G)
	HVSF 06-G01	HVSF G12-04
	HVSF 06-G02	
	HVSF 06-G03	
	HVSF 08-G01	
	HVSF 08-G02	
	HVSF 08-G03	
	HVSF 10-G02	
	HVSF 10-G03	
	HVSF 10-G04	
	HVSF 12-G02	
	HVSF 12-G03	

	MODEL (∅D1-∅D2)	Tube(Metric)
	HVFF 06-06	
	HVFF 08-06	
	HVFF 08-08	
	HVFF 10-10	
	HVFF 12-10	
	HVFF 12-12	

AIR GUN

FEATURES

- Available in 3 different nozzle lengths
- Easy to consistently regulate the variable air flow
- Ergonomically designed and lightweight
- Impact resistant plastic body

SPECIFICATIONS

Compatible Fluid type	Air (No other gases or liquids)	
Operating Pressure Range	15~150PSI	0~9kgf/cm ² (0~900kPa)
Operating Temperature Range	32~140° F	0~60° C

PRODUCT CODE SYSTEM

AG (1) - 08 (2) - 02 (3) - S (4) - B (5)

① Model Type

② Tube Dia (∅D)

		Metric Size	
Code	08	10	
Dia	∅8	∅10	

③ Thread Size(RC)

		Metric Size	
Code	02	03	
Dia	Rc1/4	Rc3/8	

④ Type

		Metric Size					
		Nozzle			Nozzle-Coupler		
Type	S	M	L	SP	MP	LP	
Size	Short	Medium	Long	Short	Medium	Long	

⑤ Color

B	R	BU
Black	Red	Blue

	MODEL (T)	Tube(Metric)-Thread(Rc)-Nozzle
	AG 0802S	
	AG 1002S	
	AG 1003S	

	MODEL (T)	Tube(Metric)-Thread(Rc)-Nozzle
	AG 0802M	
	AG 1002M	
	AG 1003M	

	MODEL (T)	Tube(Metric)-Thread(Rc)-Nozzle
	AG 0802L	
	AG 1002L	
	AG 1003L	

	MODEL (T)	Thread(Rc)-Nozzle-Coupler(Plug)
	AG 02SP	

	MODEL (T)	Thread(Rc)-Nozzle-Coupler(Plug)
	AG 02MP	

	MODEL (T)	Thread(Rc)-Nozzle-Coupler(Plug)
	AG 02LP	

TUBE CUTTER

FEATURES

- A Safe, efficient, accurate tool for cutting tubing squarely

SPECIFICATIONS

Available Tubing	Polyurethane and Nylon
Cutting Outer Dia	∅3.0 ~ ∅12.0
Material	Polyacetal, Stainless steel
Standard Color	Blue

PRODUCT CODE SYSTEM

Tube Cutter

① Model Type

	TC
	Tube Cutter

NYLON 11 TUBE

FEATURES

- Nylon 11 tubing is made from a semi-rigid high strength material without plasticizers, to provide better resistance against chemicals, high ambient temperature, and moist absorption.
- High tensile strength of Nylon 11 material provides optimal usage under conditions of high pressure, temperature, and vibration.

APPLICATIONS

- Lubricating Systems
- Marine Controls Systems
- Chemical and Oil Process Lines.
- Medical and Laboratory Industry
- Food Processing Industry

SPECIFICATIONS

Compatible Fluid type	Air (No other gases or liquids)	
Operating Pressure Range	0~150PSI	0~9Kgf/cm ² (0~900kPa)
Negative Pressure Range	-29.5inHg	-750mmHg(1.0Torr)
Operating Temperature Range	5~140°F	-15~60°C

PRODUCT CODE SYSTEM

N - 08 - 60 - O

(1) (2) (3) (4)

① Model Type

②③ Tube Dia (∅D)

Code	Metric Size							
	0320	0420	0425	0640	0860	1080	1290	1613
Outer Dia	∅3	∅4	∅4	∅6	∅8	∅10	∅12	∅16
Inner Dia	∅2	∅2	∅2.5	∅4	∅6	∅8	∅9	∅13

Code	Inch Size							
	1/8	5/32	3/16	1/4	5/16	3/8	1/2	5/8
Outer Dia	∅1/8	∅5/32	∅3/16	∅1/4	∅5/16	∅3/8	∅1/2	∅5/8

④ Color of Tubing

Clear Black Red Blue Yellow Green

MODEL (Out-In)	Tube (Metric)		Tube (Inch)	
	N	N-03020	N 1/8-1.6	N-04020
	N-04025	N 5/32-2.0	N-06040	N 5/32-2.5
	N-08060	N 3/16-3.5	N-10080	N 1/4-4.6
	N-12090	N 5/16-6.0		N 3/8-6.9
				N 1/2-9.5

MODEL (Out-In)	Tube (Metric)		Tube (Inch)	
	U	U-03020	U-12090	U 1/8-1.6
	U-04020	U-16110	U 1/8-2.0	
	U-04025	U-16120	U 5/32-2.0	
	U-06040		U 5/32-2.5	
	U-08050		U 3/16-3.2	
	U-08055		U 1/4-4.2	
	U-08060		U 5/16-5.0	
	U-10065		U 3/8-6.4	
	U-10070		U 1/2-8.5	
	U-10075			
	U-12080			

MODEL (Out-Length)	Tube (Metric)		Tube (Inch)	
	UC	UC-0402-15	UC-1065-50	UC 1/8-2.0-1
	UC-0402-30	UC-1065-75	UC 1/8-2.0-2	UC 3/16-3.2-20
	UC-0402-45	UC-1065-100	UC 1/8-2.0-5	UC 3/8-6.4-15
	UC-0604-15	UC-1208-35	UC 5/32-2.5-2	UC 3/8-6.4-20
	UC-0604-30	UC-1208-50	UC 5/32-2.5-5	UC 1/2-8.5-5
	UC-0604-45	UC-1208-75	UC 5/32-2.5-10	UC 1/2-8.5-10
	UC-0805-35	UC-1208-100	UC 5/32-2.5-15	UC 1/2-8.5-15
	UC-0805-50		UC 5/32-2.5-20	UC 1/2-8.5-20
	UC-0805-75		UC 3/16-3.2-2	UC 5/16-5.0-10
	UC-0805-100		UC 3/16-3.2-5	UC 5/16-5.0-15
	UC-1065-35		UC 3/16-3.2-10	UC 5/16-5.0-20

POLYURETHANE TUBE

FEATURES

- Polyurethane tubing is made from a high quality polymer that exhibits the characteristics of elasticity and chemical resistance.
- Polyurethane material has the exceptional physical properties of durability and anti-abrasion, yet flexible and ideal for various critical pneumatic applications.

APPLICATIONS

- Air Tools
- Industrial Robotics
- Pneumatic Systems
- Lubricating Systems

SPECIFICATIONS

Compatible Fluid type	Air (No other gases or liquids)	
Operating Pressure Range	0~150PSI	0~9Kgf/cm ² (0~900kPa)
Operating Negative Pressure	-29.5inHg	-750mmHg(1.0Torr)
Operating Temperature Range	5~140°F	-15~60°C

PRODUCT CODE SYSTEM

U - 08 - 50 - B UC - 08 - 50 - 05 - Y

(1) (2) (3) (4) (1) (2) (3) (5) (4)

① Model Type

②③ Tube Dia (∅D)

Code	Metric Size									
	0320	0420	0425	0640	0850	0855	1065	1280	1290	1611
Outer Dia	∅3	∅4	∅4	∅6	∅8	∅8	∅10	∅12	∅12	∅16
Inner Dia	∅2	∅2	∅2.5	∅4	∅5	∅5.5	∅6.5	∅8	∅9	∅11

Code	Inch Size							
	1/8	5/32	3/16	1/4	5/16	3/8	1/2	5/8
Outer Dia	∅1/8	∅5/32	∅3/16	∅1/4	∅5/16	∅3/8	∅1/2	∅5/8

④ Color of Tubing

Clear Black Red Blue Yellow Green

⑤ Length(m)

ACE COUPLER

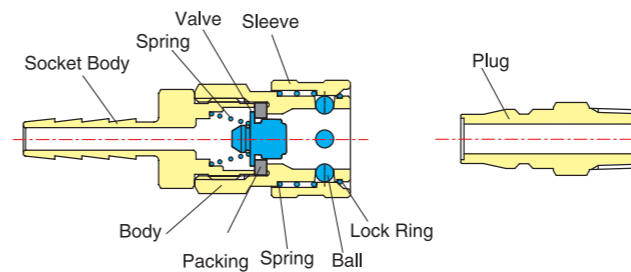
Valve Symbols Working Pressure Applicable fluids

One-way shut-off 15kgf/cm² Air Water Oil

FEATURES

- Uni-directional shut-off coupler with an automatic shut-off valve built in the socket.
- Recommended for piping of compressed air connections.

STRUCTURAL DIAGRAM



SPECIFICATIONS

Compatible Fluid type	Air, Water, Oil		
Material	Brass(chrome-plated)	Steel(chrome-plated)	Stainless steel
Working Pressure Range	10kgf/cm ² (1000kPa)	10kgf/cm ² (1000kPa)	15kgf/cm ² (1500kPa)
Maximum Pressure	15kgf/cm ² (1500kPa)	20kgf/cm ² (2000kPa)	20kgf/cm ² (2000kPa)

PRODUCT CODE SYSTEM

C H - 22

(1) (2) (3)

① Model

C	Plug
H	Socket

② Type

H	Hose Stem
M	Male Thread
F	Female Thread
N	Hose Nut Type

③ Thread Size(R)

Size	22	23	24	44	46	48
H	9.0	11.0	15.0	15.0	21.0	27.0
M	R1/4	R3/8	R1/2	R1/2	R3/4	R1
F	Rc1/4	Rc3/8	Rc1/2	Rc1/2	Rc3/4	Rc1

Size	21	22	23	24	25	26
N	8×5	9×6	10×6.5	12×8	12.5×8.5	16×11

CH Plug Nipple

MODEL [T]
Hose Stem
CH 22
CH 23
CH 24
CH 44
CH 46
CH 48

CM Plug Male

MODEL [T]
Male Thread(R)
CM 21
CM 22
CM 23
CM 24
CM 44
CM 46
CM 48

CF Plug Female

MODEL [T]
Female Thread(Rc)
CF 22
CF 23
CF 24
CF 44
CF 46
CF 48

CN Plug Nut

MODEL [∅D]
Hose Nut(∅D)
CN 21(8×5)
CN 22(9×6)
CN 23(10×6.5)
CN 24(12×8)
CN 25(12.5×8.5)
CN 26(16×11)

HH Socket Nipple

MODEL [T]
Hose Stem
HH 22
HH 23
HH 24
HH 44
HH 46
HH 48

HM Socket Male

MODEL [T]
Male Thread(R)
HM 22
HM 23
HM 24
HM 44
HM 46
HM 48

HF Socket Female

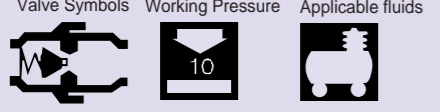
MODEL [T]
Female Thread(Rc)
HF 22
HF 23
HF 24
HF 44
HF 46
HF 48

HN Socket Nut

MODEL [∅D]
Hose Nut(∅D)
HN 21(8×5)
HN 22(9×6)
HN 23(10×6.5)
HN 24(12×8)
HN 25(12.5×8.5)
HN 26(16×11)

MINOR COUPLER

Valve Symbols Working Pressure Applicable fluids

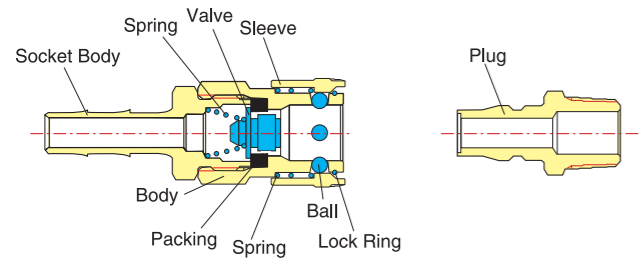


One-way shut-off 10kgf/cm² Air

FEATURES

- Light and easy to use it because it's made by zinc.
- Various kind of use is available like as connecting & piping.

STRUCTURAL DIAGRAM



SPECIFICATIONS

Applicable Fluid	Air
Material	ZnDc(chrome-plated)
Working Pressure Range	10kgf/cm ² (1000kPa)
Maximum Pressure	15kgf/cm ² (1500kPa)

PRODUCT CODE SYSTEM

MC H - 22
 (1) (2) (3)

① Model














MC	Plug
MH	Socket

② Type

H	Hose Stem
M	Male Thread
F	Female Thread
N	Hose Nut Type

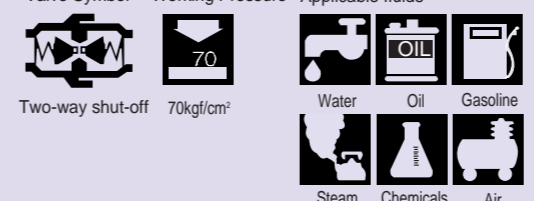
③ Connection Size(R)

Size	22	23	24
H	9.0	11.0	15.0
M	R1/4	R3/8	R1/2
F	Rc1/4	Rc3/8	Rc1/2
Size	21	23	24
N	8 x 5	10 x 6.5	12 x 8

<p>MCH Plug Nipple</p>  <p>MODEL (T) Hose Stem MCH 22 MCH 23 MCH 24</p>	<p>MCM Plug Male</p>  <p>MODEL (T) Male Thread(Rc) MCM 22 MCM 23 MCM 24</p>	<p>MCF Plug Female</p>  <p>MODEL (T) Female Thread(R) MCF 22 MCF 23 MCF 24</p>	<p>MCN Plug Nut</p>  <p>MODEL (∅D) Hose Nut(∅D) MCN 21(8 x 5) MCN 23(10 x 6.5) MCN 24(12 x 8)</p> <p>MCN-S Plug Nut Spring</p>  <p>MCN S21(8 x 5) MCN S23(10 x 6.5) MCN S24(12 x 8)</p>
<p>MHH Socket Nipple</p>  <p>MODEL Male Thread(R) MHH 22 MHH 23 MHH 24</p>	<p>MHM Socket Male</p>  <p>MODEL (T) Hoes Stem MHM 22 MHM 23 MHM 24</p>	<p>MHF Socket Female</p>  <p>MODEL (T) Female Thread(Rc) MHF 22 MHF 23 MHF 24</p>	<p>MHN Socket Nut</p>  <p>MODEL (∅D) Hose Nut(∅D) MHN 21(8 x 5) MHN 23(10 x 6.5) MHN 24(12 x 8)</p> <p>MHN-S Socket Nut Spring</p>  <p>MHN S21(8 x 5) MHN S23(10 x 6.5) MHN S24(12 x 8)</p>
<p>MLY Branch Y</p>  <p>MODEL (T) Female Thread(Rc) MLY 22</p>	<p>MLW Branch Triple</p>  <p>MODEL (T) Female Thread(Rc) MLW 22</p>	<p>MLR Branch R</p>  <p>MODEL (T) Female Thread(Rc) MLR 22 MLR 23</p>	

HP COUPLER

Valve Symbol Working Pressure Applicable fluids

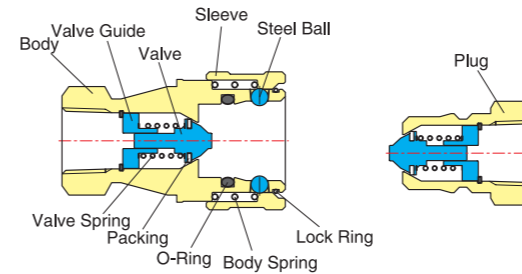


Two-way shut-off 70kgf/cm² Water Oil Gasoline Steam Chemicals Air

FEATURES

- Bi-directional shut off coupler with an automatic shut off valve built in the socket and plug.
- Recommended for piping of chemicals, steam and oil.

STRUCTURAL DIAGRAM



SPECIFICATIONS

Compatible Fluid type	Air, Water, Oil, Steam, Medicines, Gasolin (Another way air for Special Order)
Material	Brass
Temperature Range	-20~80 °C

PRODUCT CODE SYSTEM

8 H
 (1) (2)



① Thread Size(Rc)

	Thread Size										
Code	1	2	3	4	6	8	10	12	16		
Size	Rc1/8	Rc1/4	Rc3/8	Rc1/2	Rc3/4	Rc1	Rc1 1/4	Rc1 1/2	Rc2		

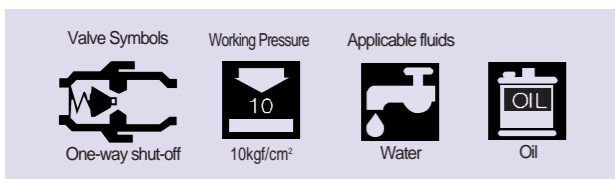
② Model

C	Plug
H	Socket



<p>C Plug Female</p>  <p>MODEL (T) Female Thread(Rc) HP 1C HP 2C HP 3C HP 4C HP 6C HP 8C HP 10C HP 12C HP 16C</p>	<p>H Socket Female</p>  <p>MODEL (T) Female Thread(Rc) HP 1H HP 2H HP 3H HP 4H HP 6H HP 8H HP 10H HP 12H HP 16H</p>
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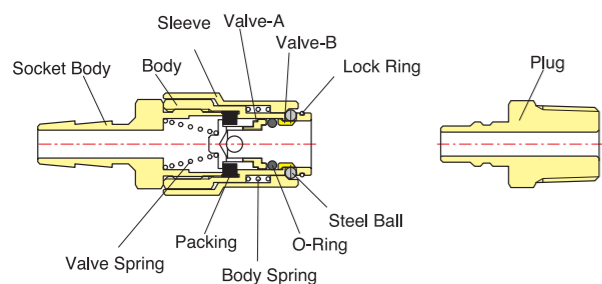
MOLD COUPLER



FEATURES

- Quick assembly by one touch system.
- Uni-directional shut-off coupler with an automatic shut-off valve built in the socket.
- Useful in a narrow space with O.D.(18.5mm).
- Easy to connect or disconnect between cork and hole with long sleeve construction.

STRUCTURAL DIAGRAM



SPECIFICATIONS

Applicable Fluid	Water, Oil
Material	Brass
Working Pressure Range	10kgf/cm ² (1000kPa)
Maximum Pressure	15kgf/cm ² (1500kPa)

PRODUCT CODE SYSTEM

KC H - 22
 (1) (2) (3)

① Model

KC	Plug
KH	Socket

② Type


H	Hose Stem
M	Male Thread
F	Female Thread

③ Connection Size(R)

Size	21	22	23
H	1/8"	1/4"	3/8"
M	R1/8	R1/4	R3/8
F	Rc1/8	Rc1/4	Rc3/8


KCH
Plug Nipple

MODEL (T)
Hose Stem
KCH 21
KCH 22
KCH 23




KCM
Plug Male

MODEL (T)
Male Thread(R)
KCM 21
KCM 22
KCM 23




KCF
Plug Female

MODEL (T)
Female Thread(Rc)
KCF 21
KCF 22
KCF 23




KHH
Socket Nipple

MODEL (T)
Hose Stem
KHH 21
KHH 22
KHH 23
KHH 24




KHM
Socket Male

MODEL (T)
Male Thread(R)
KHM 21
KHM 22
KHM 23



KHF
Socket Female

MODEL (T)
Male Thread(R)
KHF 21
KHF 22

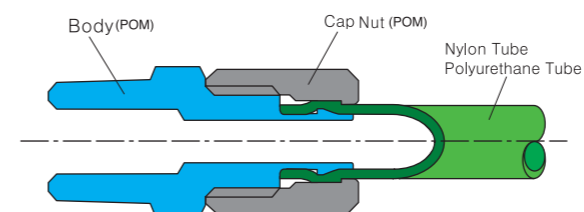


TWO-TOUCH FITTINGS

FEATURES

- The lock-nut mechanism provides exceptional resistance to vibration and piping movements.
- Proper tightening with the lock-nut ensures pneumatic connections with no air leakage.
- Excellent anti-corrosion and anti-contamination properties against foreign substances.
- The plastic composition has non-magnetic properties with longer product life.

STRUCTURAL DIAGRAM



SPECIFICATIONS

Compatible Fluid type	Air (No other gases or liquids)	
Operating Pressure Range	0~150PSI	0~9.9kgf/cm ² (0~990kPa)
Negative pressure	-29.5in Hg	-750mm Hg(10Tor)
Operating Temperature Range	32~140F 0~60°C	
Recommended Tube Material	Polyurethane	

PRODUCT CODE SYSTEM

TC 04 - 01
 (1) (2) (3)

① Model Type

Code	Metric Size				
	TC	TL	TUT	THT	THL
Type	STRAIGHT	ELBOW	UNION	TEE	ELBOW ROTATION

② Tube Dia (∅D)


Code	Metric Size				
	04	06	08	10	12
Dia	∅4 × ∅2.5	∅6 × ∅4	∅8 × ∅5.5	∅10 × ∅6.5	∅12 × ∅8

③ Thread Size(R)

Code	Thread Size			
	01	02	03	04
Size	R1/8	R1/4	R3/8	R1/2


TC
Straight

MODEL (∅D-T)
Tube(Metric)-Thread(R)
TC 04-01
TC 04-02
TC 06-01
TC 06-02
TC 08-01
TC 08-02
TC 08-03
TC 10-02
TC 10-03
TC 12-03
TC 12-04




THT(D1)
Single Universal Tee

MODEL (∅D-T)
Tube(Metric)-Thread(R)
THT 0401-D1
THT 0402-D1
THT 0601-D1
THT 0602-D1
THT 0801-D1
THT 0802-D1
THT 0803-D1
THT 1002-D1
THT 1003-D1
THT 1004-D1
THT 1202-D1




THL(D1)
Single Universal Elbow

MODEL (∅D-T)
Tube(Metric)-Thread(R)
THL 0401-D1
THL 0402-D1
THL 0601-D1
THL 0602-D1
THL 0801-D1
THL 0802-D1
THL 0803-D1
THL 1002-D1
THL 1003-D1
THL 1004-D1
THL 1202-D1




TL
Elbow

MODEL (∅D-T)
Tube(Metric)-Thread(R)
TL 04-01
TL 04-02
TL 06-01
TL 06-02
TL 08-01
TL 08-02
TL 08-03
TL 10-02
TL 10-03
TL 12-03
TL 12-04




THT(D2)
Double Universal Tee

MODEL (∅D-T)
Tube(Metric)-Thread(R)
THT 0401-D2
THT 0402-D2
THT 0601-D2
THT 0602-D2
THT 0801-D2
THT 0802-D2
THT 0803-D2
THT 1002-D2
THT 1003-D2
THT 1004-D2
THT 1202-D2




THL(D2)
Double Universal Elbow

MODEL (∅D-T)
Tube(Metric)-Thread(R)
THL 0401-D2
THL 0402-D2
THL 0601-D2
THL 0602-D2
THL 0801-D2
THL 0802-D2
THL 0803-D2
THL 1002-D2
THL 1003-D2
THL 1004-D2
THL 1202-D2




TUT
Union Tee

MODEL (∅D)
Tube(Metric)
TUT 04
TUT 06
TUT 08
TUT 10
TUT 12




THT(D3)
Triple Universal Tee

MODEL (∅D-T)
Tube(Metric)-Thread(R)
THT 0401-D3
THT 0402-D3
THT 0601-D3
THT 0602-D3
THT 0801-D3
THT 0802-D3
THT 0803-D3
THT 1002-D3
THT 1003-D3
THT 1004-D3
THT 1202-D3



THL(D3)
Triple Universal Elbow

MODEL (∅D-T)
Tube(Metric)-Thread(R)
THL 0401-D3
THL 0402-D3
THL 0601-D3
THL 0602-D3
THL 0801-D3
THL 0802-D3
THL 0803-D3
THL 1002-D3
THL 1003-D3
THL 1004-D3
THL 1202-D3

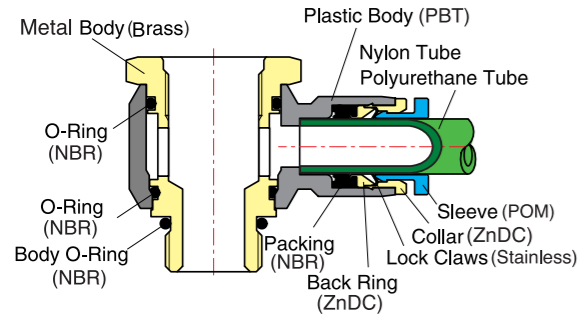


MAIN BLOCKS

FEATURES

- Various combinations of manifold blocks may be constructed for concentrated branching.
- Main Blocks provide comparable flow rates to steel piping.

STRUCTURAL DIAGRAM



SPECIFICATIONS

Compatible Fluid type	Air(No other gases or liquids)	
Operating Pressure Range	0 ~150PSI	0~9.9kgf/cm ² (0~990kPa)
Negative Pressure	-29.5inHg	-750mmHg(10Torr)
Operating Temperature Range	32~140°F	0~60℃
Recommended Tube Material	Polyurethane and Nylon	

PRODUCT CODE SYSTEM

BHF 14 - 08
 (1) (2) (3)

①Type

②Connecting Thread Size(R)

Metric Size					
Code	08	12	14	18	
Size	M8 ×1.0	M12 ×1.0	M14 ×1.0	M18 ×1.0	

Thread Size						
Code	M5	M6	01	02	03	04
Size	M5 ×0.8	M6 ×0.1	R1/8	R1/4	R3/8	R1/2

③Tube Outer Dia(∅D)

Metric Size					
Code	04	06	08	10	12
Dia	∅04	∅06	∅08	∅10	∅12



BUMR Socket	MODEL (T1-T2)
	Thread(M)-Thread(Rc)
	BUMR 0801
	BUMR 1202
	BUMR 1403
BUMR 1804	

BL Elbow	MODEL (T1-T2)
	Thread(M)-Thread(R)
	BL 0801
	BL 1201
	BL 1202
	BL 1402
	BL 1403
	BL 1404
	BL 1803
	BL 1804

BPM Plug	MODEL (T)
	Thread(M)
	BPM 08
	BPM 12
	BPM 14
	BPM 18

BUMM Nipple	MODEL (T)
	Thread(M)
	BUMM 0808
	BUMM 1212
	BUMM 1414
	BUMM 1818

SILENCERS

FEATURES

- Silencers are effective in reducing noise generated by the release of pressurized air through the exhaust port.
- The plastic material provides corrosion resistance, light weight, longer product life, low replacement cost, and easy cleaning with soap or solvents.
- A unique design minimizes the interference in relation to the surrounding pneumatic installations.

SPECIFICATIONS

Model	ST-01	ST-02	ST-03	ST-04	STM-02	STM-03
Application	R1/8	R1/4	R3/8	R1/2	R1/4	R3/8
Port	R1/8	R1/4	R3/8	R1/2	R1/4	R3/8
Max Working Pressure	7Kgf/cm ² (700kPa)		9Kgf/cm ² (900kPa)		7Kgf/cm ² (700kPa)	

PRODUCT CODE SYSTEM

ST - 01
 (1) (2) (3)

①Type(∅D)

MODEL		
Code	ST	STM
Dia	STANDARD	MANIFOLD

②Thread Size(R)

Thread Size				
Code	01	02	03	04
Size	R1/8	R1/4	R3/8	R1/2

③Color

B
Black

ST(M) Silencers Black	MODEL (T)
	Thread(R)
	ST 01
	ST 02
	ST 03
	ST 04
	ST M02
	ST M03

BHF Universal Quick	MODEL (T-∅D)
	Thread(M)-Tube(Metric)
	BHF 0408
	BHF 0608
	BHF 0612
	BHF 0812
	BHF 0814
	BHF 1014
	BHF 1214
	BHF 1218

BHMR Universal Rc Thread	MODEL (T1-T2)
	Thread(M)-Thread(Rc)
	BHMR 08M5
	BHMR 08M6
	BHMR 0801
	BHMR 12M6
	BHMR 1201
	BHMR 1401
	BHMR 1402
	BHMR 1802
BHMR 1803	

BCM Cap	MODEL (T)
	Thread(M)
	BCM 08
	BCM 12
	BCM 14
BCM 18	

BHWF Universal Branch	MODEL (T-∅D)
	Thread(M)-Tube(Metric)
	BHWF 1014
BHWF 1218	

BRM Bush	MODEL (T1-T2)
	Thread(M)-Thread(Rc)
	BRM 08M5
	BRM 12M6
	BRM 1401
BRM 1802	

BMF Bulkhead Reducer	MODEL (T-∅D)
	Thread(M)-Tube(Metric)
	BMF 04M8
	BMF 06M8
	BMF 06M12
	BMF 08M12
	BMF 08M14
	BMF 10M12
	BMF 10M14
	BMF 12M14
BMF 12M18	

BHM Universal M Thread	MODEL (T1-T2)
	Thread(M)-Thread(M)
	BHM 1212
	BHM 1412
	BHM 1414
	BHM 1814
BHM 1818	

BMM Bush	MODEL (T1-T2)
	Thread(M)-Thread(M)
	BMM 1208
	BMM 1412
BMM 1814	

BMR Bush	MODEL (T1-T2)
	Thread(M)-Thread(R)
	BMR 0801
	BMR 1201
	BMR 1202
	BMR 1203
	BMR 1402
	BMR 1403
	BMR 1404
	BMR 1803
BMR 1804	