



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

16 ROTARY JOINTS



HP COUPLER 27

18 STOP FITTINGS



MOLD COUPLER 28

19 CHECK VALVES



TWO-TOUCH FITTINGS 29

20 BALL VALVES



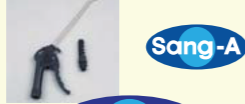
MAIN BLOCKS 30

22 HAND VALVES



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

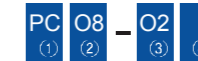
FEATURES

- 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

Compatible Fluid type	Air(No other gases or liquids)	
Operating Pressure Range	0~150PSI	0~9Kgf/cm ² (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 Outer Dia(∅D)

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

③ Thread Size(T)

*Metric Thread & R(PT) Thread

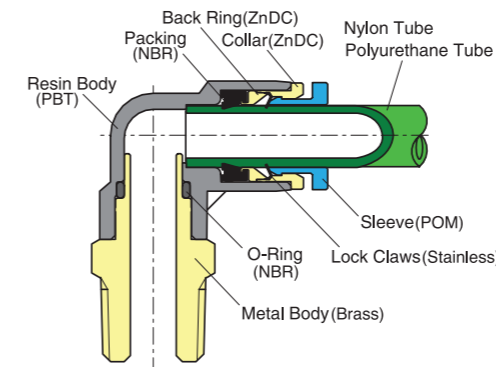
Code	Metric Size		Taper Pipe Thread			
	M5	M6	01	02	03	04
Size	M5×0.8	M6×1.0	R1/8	R1/4	R3/8	R1/2

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

STRUCTURAL DIAGRAM



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

*Hexagonal wrench may be used for a proper tightening.

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

*Rotating body construction after a proper installation.

PL45 Male 45° Elbow	MODEL (∅D-T)							
	Tube(Metric)-Thread(R)			Tube(Inch)-Thread(R)		Tube(Inch)-Thread(NPT)		
∅D	PL45 04-M5	PL45 08-01	PL45 12-04	PL45 5/32-01	PL45 5/16-02	PL45 5/32-U10U	PL45 1/4-N03U	PL45 1/2-N02U
	PL45 04-M6	PL45 08-02		PL45 5/32-02	PL45 5/16-03	PL45 5/32-N01U	PL45 1/4-N04U	PL45 1/2-N03U
	PL45 04-01	PL45 08-03		PL45 5/32-03	PL45 5/16-04	PL45 5/32-N02U	PL45 5/16-N01U	PL45 1/2-N04U
	PL45 04-02	PL45 08-04		PL45 3/16-01	PL45 3/8-01	PL45 5/32-N03U	PL45 5/16-N02U	
	PL45 04-03	PL45 10-01		PL45 3/16-02	PL45 3/8-02	PL45 3/16-U10U	PL45 5/16-N03U	
	PL45 06-M5	PL45 10-02		PL45 3/16-03	PL45 3/8-03	PL45 3/16-N01U	PL45 5/16-N04U	
	PL45 06-M6	PL45 10-03		PL45 1/4-01	PL45 3/8-04	PL45 3/16-N02U	PL45 3/8-N01U	
	PL45 06-01	PL45 10-04		PL45 1/4-02	PL45 1/2-01	PL45 3/16-N03U	PL45 3/8-N02U	
	PL45 06-02	PL45 12-01		PL45 1/4-03	PL45 1/2-02	PL45 1/4-U10U	PL45 3/8-N03U	
	PL45 06-03	PL45 12-02		PL45 1/4-04	PL45 1/2-03	PL45 1/4-N01U	PL45 3/8-N04U	
	PL45 06-04	PL45 12-03		PL45 5/16-01	PL45 1/2-04	PL45 1/4-N02U	PL45 1/2-N01U	

*Rotating body construction after a proper installation.