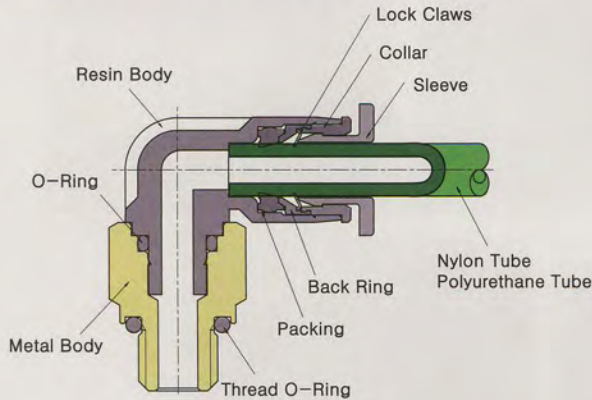


COMPACT ONE-TOUCH FITTINGS

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 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

PC O6 - O1 C
 (1) (2) (3) (4)

① Model Type

② Tube Dia (∅D)

	Metric Size			Inch Size		
Code	03	04	06	1/8	5/32	1/4
Dia	∅3	∅4	∅6	∅1/8	∅5/32	∅1/4

③ Thread Size(T)


* Metric Thread & R(PT) Thread


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


* Inch Thread (UNF & NPT)


	Unified Fine Thread	American Standard Taper Pipe Thread	
Code	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)
	PC 03-M3C	PC 1/8-M3C	PC 1/8-U10UC
	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)
	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)
	PL 03-M3C	PL 1/8-M3C	PL 1/8-U10UC
	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)
	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)
	PT 03-M3C	PT 1/8-M3C	PT 1/8-U10UC
	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)
	PUT 03C	PUT 1/8C
	PUT 04C	PUT 5/32C
	PUT 06C	PUT 1/4C


POC-C Round Male Straight	MODEL [\varnothing D-T]		
	Tube(Metric)-Thread(R)	Tube(Inch)-Thread(R)	Tube(Inch)-Thread(NPT)
	POC 03-M3C	POC 1/8-M3C	POC 1/8-U10UC
	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	

PCF-C Female Straight	MODEL [\varnothing D-T]		
	Tube(Metric)-Thread(Rc)	Tube(Inch)-Thread(Rc)	Tube(Inch)-Thread(NPT)
	PCF 03-M3C	PCF 1/8-M3C	PCF 1/8-U10UC
	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

*Hexagonal wrench may be used for a proper tightening.

PST-C Male Run Tee	MODEL [\varnothing D-T]		
	Tube(Metric)-Thread(R)	Tube(Inch)-Thread(R)	Tube(Inch)-Thread(NPT)
	PST 03-M3C	PST 1/8-M3C	PST 1/8-U10UC
	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 [\varnothing D1- \varnothing D2]	
	Tube(Metric)	Tube(Inch)
	PGJ 04-03C	PGJ 06C-1/8C
	PGJ 06-04C	PGJ 1/4C-5/32C

PLL-C Extended Male Elbow	MODEL [\varnothing D-T]		
	Tube(Metric)-Thread(R)	Tube(Inch)-Thread(R)	Tube(Inch)-Thread(NPT)
	PLL 03-M3C	PLL 1/8-M3C	PLL 1/8-U10UC
	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	



PW-C
Reducer Y


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



∅D₂
∅D₁

PWJ-C
Plug-In Reducer Y


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



∅D₁
∅D₂

PC-C(G)
Male Straight


MODEL (∅D-T)
Tube(Metric)-Thread(G)
PC 04G-01C
PC 06G-01C



∅D

PLJ-C
Plug-In Elbow


MODEL (∅D)	
Tube(Metric)	Tube(Inch)
PLJ 03C	PLJ 1/8C
PLJ 04C	PLJ 5/32C
PLJ 06C	PLJ 1/4C



∅D
∅D

PMM-C
Bulkhead Union

MODEL (∅D)	
Tube(Metric)	Tube(Inch)
PMM 03C	PMM 1/8C
PMM 04C	
PMM 06C	



∅D

PL-C(G)
Male Elbow

MODEL (∅D-T)
Tube(Metric)-Thread(G)
PL 04G-01C
PL 06G-01C




∅D

PCC-C

MODEL (∅D-T)	
Tube(Metric)-Thread(R)	Tube(Inch)-Thread(R)
PCC 03-M6C	PCC 1/8-M6C
PCC 04-M6C	
PCC 04-M8C	
PCC 06-M8C	


M6 : M6 +0.75
M8 : M8 +0.75



∅D

PPF-C
Cap


MODEL (∅D)	
Tube(Metric)	Tube(Inch)
PPF 03C	PPF 1/8C
PPF 04C	PPF 5/32C
PPF 06C	PPF 1/4C



∅D

PT-C(G)
Male Branch Tee


MODEL (∅D-T)
Tube(Metric)-Thread(G)
PT 04G-01C
PT 06G-01C



∅D

PZA-C
Union Cross


MODEL (∅D)	
Tube(Metric)	Tube(Inch)
PZA 03C	PZA 1/8C
PZA 04C	PZA 5/32C
PZA 06C	PZA 1/4C



∅D

PYJ-C
Plug-In Y

MODEL (∅D)	
Tube(Metric)	Tube(Inch)
PYJ 03C	PYJ 1/8C
PYJ 04C	PYJ 5/32C
PYJ 06C	PYJ 1/4C



∅D

PST-C(G)
Male Run Tee


MODEL (∅D-T)
Tube(Metric)-Thread(G)
PST 04G-01C
PST 06G-01C



∅D

PG-C
Reducer


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



∅D₁
∅D₂

PY-C
Union Y

MODEL (∅D)	
Tube(Metric)	Tube(Inch)
PY 03C	PY 1/8C
PY 04C	PY 5/32C
PY 06C	PY 1/4C



∅D

PLL-C(G)
Extended Male Elbow


MODEL (∅D-T)
Tube(Metric)-Thread(G)
PLL 04G-01C
PLL 06G-01C



∅D

PP-C
Plug

MODEL (∅D)	
Tube(Metric)	Tube(Inch)
PP 03C	PP 1/8C
	PP 5/32C
	PP 1/4C



∅D

PLM-C NEW
Bulkhead Union P


MODEL (∅D)	
Tube(Metric)	
PLM 03C	
PLM 04C	
PLM 06C	



∅D

POC-C(G)
Round Male Straight

MODEL (∅D-T)
Tube(Metric)-Thread(G)
POC 04G-01C
POC 06G-01C



∅D