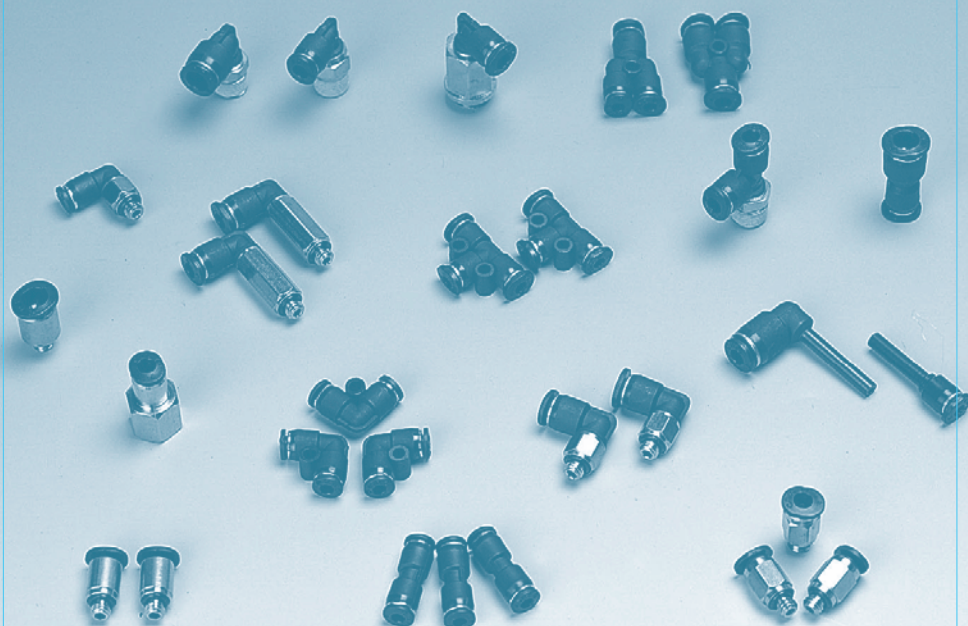


Compact One-Touch Fittings



Fitting Series

- One-Touch Fittings
- Compact One-Touch Fittings
- Speed Controllers
- Hand Valves
- Stop Fittings
- Check Valves
- Two-Touch Fittings
- Two-Touch Fittings BSBM

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Compact One-Touch Fittings

Applications

- Mini one-touch type pipe connection tool for air pressure piping in limited spaces.
- Various uses according to the user's environment.

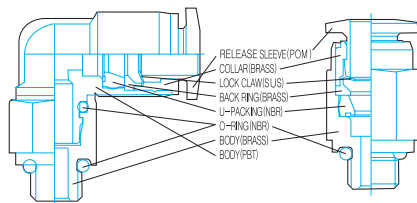
Features

- One action can insert the tube to easy connection and release.
- Volume and OD are smaller than the regular type, but same flux is obtained.
- Treated with electroless nickel coating on the surface for excellent tolerance to corrosion.
- Oval sleeve is designed to allow easy release in the limited space.
- The screw section has O-ring, or Teflon coated.
- Miniaturized fitting for small devices and piping in limited spaces.

Specifications

- Fluid type : Air (No other gases or liquids)
- Working pressure : 0~150PSI / 0~9.9kgf/cm² (0~990kPa)
- Negative pressure : -29.5 in Hg / -750mmHg (-750Torr)
- Working temperature : 32~140° F / 0~60° C
- Applicable Tube : Polyurethane and Nylon

Structural Diagram



Applied example

- All Compact Fitting products are treated with electroless nickel coating on the brass body for excellent tolerance to corrosion.
- The sleeve is oval so that connection and release are easy.

POC Models

- A hexagonal shape is processed at the interior for joining with a hexagonal wrench.
- The exterior of the POC is circular so that no other tools can be used for connection.

PL, PLL Models

- The plastic main body rotates to allow efficient piping.

CAUTION

- Be sure to refer to Caution on Safety, Classification of Warning Indications (P7), and Common Caution of Fitting Products (P8) before use.
- Assemble the fitting according to the proper connection torque value (P7).
- Proper torque refers to connection by hand and 2-3 rotations using a tool. Excessive pressure may damage the screw.
- To insert the tube into the fitting, cut the tube at a right angle, insert it fully to the end, and pull the tube gently to make sure it isn't released.

WARNING

- Be sure to prevent pressure buildup due to twisting, pulling, and bending of the fitting product. This may cause product damage or air leakage.
- When the applied fluid is water, do not use the product if it does not meet all specifications. Fitting damage, tube release, and compressed air leakage may occur.

Product Code System

METRIC - BSPT(R)

PC 06-01-C

Compact OneTouch Fitting	Tube Dia		Thread Size		Compact
	CODE	SIZE	METRIC THREAD		
	03	Ø3	CODE	SIZE	
	04	Ø4	M3	M3 × 0.5	Sleeve Color
	06	Ø6	M5	M5 × 0.8	Black
			M6	M6 × 1.0	
			R(P)T THREAD		
			CODE	SIZE	
			01	R1/8	

METRIC - BSPP(G)

PC 06-G01-C

Compact OneTouch Fitting	Tube Dia		Thread Size		Sleeve Color
	CODE	SIZE	G(FF) THREAD		
	04	Ø4	CODE	SIZE	
	06	Ø6	G01	G1/8	Black

METRIC - BSPT(R)

PC 1/4-01-C

Compact OneTouch Fitting	Tube Dia		Thread Size		Compact
	CODE	SIZE	METRIC THREAD		
	1/8	Ø1/8	CODE	SIZE	
	5/32	Ø5/32	M3	M3 × 0.5	Sleeve Color
	1/4	Ø1/4	M5	M5 × 0.8	Black
			M6	M6 × 1.0	
			R(P)T THREAD		
			CODE	SIZE	
			01	R1/8	

INCH - NPT

PC 1/4-N1-C

Compact OneTouch Fitting	Tube Dia		Thread Size		Sleeve Color
	CODE	SIZE	UNF THREAD		
	1/8	Ø1/8	CODE	SIZE	
	5/32	Ø5/32	U	10-32 UNF	Black
	1/4	Ø1/4	NPT THREAD		
			CODE	SIZE	
			N0	NPT 1/16	
			N1	NPT 1/8	