

ONE TOUCH FITTINGS

Series WP2

Cat No WP2 - 01 - D

ONE TOUCH FITTINGS - M5, 1/8, 1/4, 3/8, 1/2, 3/4, 1"

Features

- ☐ Attractive design
- ☐ Compact size
- ☐ Threaded nipples of L, T & Y fittings enable plastic portion to turn by 360°
- ☐ Full area of the inner bore of the tubing is available for flow of fluid
- ☐ Bubble tight sealing of tubes
- ☐ Suitable for both Nylon and PU tubing
- ☐ Easy and quick push-in connection of tube / easy removal of tube by simple pressing of collet cap
- ☐ "New design" - Stainless steel collet
- ☐ Teflon pre-coated male taper threads
- ☐ Maintenance free and long life
- ☐ The fitment and function of tubes are not affected by vibrations due to positive gripping of the tube by the collet

Application

One-touch fittings can be effectively used in all compressed air applications

Some of the pneumatic applications include

- ☐ Pneumatic cylinders (all types)
- ☐ Directional control valves, solenoid valves and other valves
- ☐ Air preparation units like filter, regulator and lubricators
- ☐ Pneumatic control panels
- ☐ All compressed air lines, machinery of all kinds wherever pneumatic systems are used
- ☐ Pneumatic circuits in any industry

Technical Specifications

Medium	Air #			
Max. operating pressure	10 bar			
Ambient temperature	-10° to +60° C			
Medium temperature	+5° to +50° C			
Threaded connection	Male: R - Taper thread, Female: G - Parallel thread			
Applicable tube material	Nylon, Polyurethane			
Applicable tube size (OD)	Ø4, 6, 8, 10, 12, 14 and 16 mm			
Recommended tolerance for tube OD	± 0.1 mm			
Recommended minimum wall thickness of tubes	Nylon		PU	
	Tube OD (mm)	Thickness (mm)	Tube OD (mm)	Thickness (mm)
	Ø4	1	Ø4	1
	Ø6		Ø6	1
	Ø8		Ø8	1.5
	Ø10		Ø10	1.5
	Ø12		Ø12	2
	Ø14		Ø14	2
			Ø16	2.5

- for other fluids, contact **JANATICS**

ONE TOUCH FITTINGS

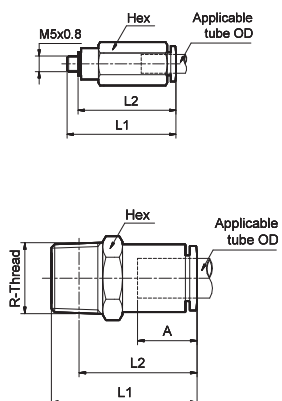
Series WP2

Cat No WP2 - 01 - D

Self Sealing Fittings



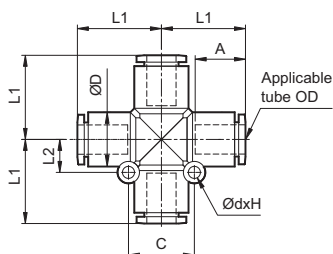
These one touch fittings (with built in self seal) seal automatically once the tubing has been removed



Applicable Tube OD	Thread	Hex	L1	L2	A	Ordering No	Tube Pushing Force in kg #
4	* M5 x 0.8	10	32.5	29	15.5	WE20110470	2.5
	R1/8	10	27	23.5	15.5	WE20110450	
	R1/4	14	27	21.5	15.5	WE20110451	
6	* M5 x 0.8	12	35	31.5	16.5	WE20110670	4
	R1/8	12	29	25.5	16.5	WE20110650	
	R1/4	14	29	23.5	16.5	WE20110651	
8	R1/8	14	35	31.5	18.5	WE20110850	6
	R1/4	14	35.5	30	18.5	WE20110851	
	R3/8	17	36	30	18.5	WE20110852	
10	R1/4	17	38	32.5	20.5	WE20111051	8.5
	R3/8	17	38.5	32.5	20.5	WE20111052	
	R1/2	22	39	31.5	20.5	WE20111053	
12	R3/8	19	44	38	22.5	WE20111252	11
	R1/2	22	44.5	37	22.5	WE20111253	

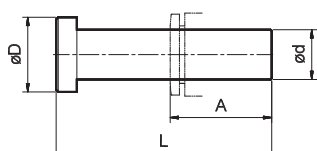
for air pressure of 7 bar

Cross Union



Applicable Tube OD	ØD	L1	L2	C	A	ØdxH	Ordering No
4	10.5	18.5	6.5	13	15.5	3.3 x 11	WP2700404
6	12.5	20	7.5	15	16.5	3.3 x 13	WP2700606
8	15	23	9	18	18	3.3 x 15.5	WP2700808
10	18.5	27	11	22	20	4.3 x 19	WP2701010
12	21	28.5	12	24	21.5	4.3 x 21.5	WP2701212

Plug



Applicable Fitting size Ød	ØD	L	A	Ordering No
4	10	42	14.5	WP2600400
6	12	44	15.5	WP2600600
8	14	46	17	WP2600800
10	16	48	20	WP2601000
12	18	52	20.5	WP2601200

* M5 threads are supplied with sealing washer
A, A1, A2 - Tube insertion length