

**ONE TOUCH FITTINGS
UNION ELBOW REDUCER**

Automation
Simplified...



Solenoid Valve

Angle Seat Valve

Rotary Coupling

Pneumatic Directional Control Valve

Actuator

Cylinder

One Touch Fitting

Ball Valve

Butterfly Valve

Country of Origin - INDIA



Specifications

Fluid :	Air																													
Max. operating pressure :	10 Bar																													
Ambient temperature :	-10°C to +60°C																													
Threaded connection :	Male : R - Taper thread, Female : G - Parallel thread																													
Media temperature :	+5°C to 50°C																													
Applicable tube material :	Nylon, Polyurethane																													
Applicable tube size (OD) :	Ø4, Ø6, Ø8, Ø10, Ø12, Ø14, Ø16																													
Recommended tolerance for tube OD :	±0.1 mm																													
Recommended minimum wall thickness of tubes :	<table border="1"> <thead> <tr> <th colspan="2">Nylon</th> <th colspan="2">PU</th> </tr> <tr> <th>Tube OD (mm)</th> <th>Thickness (mm)</th> <th>Tube OD (mm)</th> <th>Thickness (mm)</th> </tr> </thead> <tbody> <tr> <td>Ø4</td> <td rowspan="7">1</td> <td>Ø4</td> <td>1</td> </tr> <tr> <td>Ø6</td> <td>Ø6</td> <td>1</td> </tr> <tr> <td>Ø8</td> <td>Ø8</td> <td>1.5</td> </tr> <tr> <td>Ø10</td> <td>Ø10</td> <td>1.5</td> </tr> <tr> <td>Ø12</td> <td>Ø12</td> <td>2</td> </tr> <tr> <td rowspan="2">Ø14</td> <td>Ø14</td> <td>2</td> </tr> <tr> <td>Ø16</td> <td>2.5</td> </tr> </tbody> </table>	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
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Features

- ☑ Compact & Captivating Design
- ☑ All Threaded nipples has plastic portion that is capable of rotating 360°
- ☑ Full bore piping enables smooth flow of fluids.
- ☑ New Design SS collet
- ☑ Air tight sealing of tubes
- ☑ Compatible with both Nylon & PU pipes
- ☑ Male Taper threads with PTFE coating
- ☑ Durable & Maintenance free
- ☑ Robust collet design lets the fitment & function remains unaffected even due to vibration.
- ☑ Simple & fast connection of tube just by plugging-in manually and similarly smooth way of pulling-out just by the press of plastic collet cap.

Features

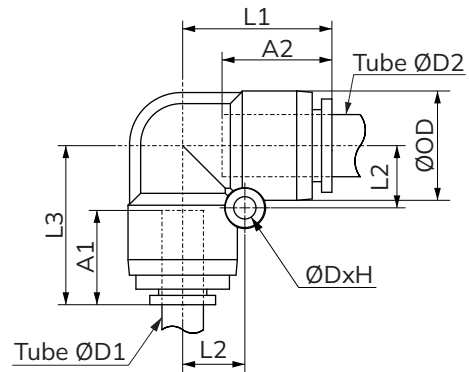
One-touch fitting can be effectively used in all compressed air applications
Some of the pneumatic application include

- ☑ Pneumatic cylinders (all types)
- ☑ All compressed air lines, machinery of all kinds wherever pneumatic systems are used
- ☑ Directional control valves(DCV), solenoid valves(SOV) and other valves
- ☑ Pneumatic control & circuit panels
- ☑ Air preparation units like filter, regulator and lubricators(FRL)

Union Elbow Reducer



Dimension Drawing (All dimensions in mm)



Technical Data

Model No.	Tube OD		ØD	L1	L2	L3	A1	A2	ØDXH
	ØD1	ØD2							
VO240812	8	12	21	31	12	29	18	21	Ø4.3X21.5

Global Presence...



Made In India



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