

Automation
Simplified...



Solenoid Valve

Angle Seat Valve

Rotary Coupling

Pneumatic Directional Control Valve

Actuator

Cylinder

One Touch Fitting

Ball Valve

Butterfly Valve

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

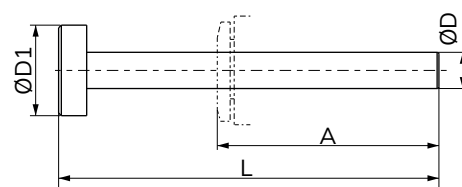
One-touch fitting can be effectively used in all compressed air applications
Some of the pneumatic application include

- ☑ 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)

Plug



Dimension Drawing (All dimensions in mm)



Technical Data

Model No.	Applicable Fitting size ØD	ØD1	L	A
VO5004	4	10	42	14.5
VO5006	6	12	44	15.5
VO5004	8	14	46	17
VO5006	10	16	48	20
VO5006	12	18	52	20.5

Global Presence...



Made In India



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