

2/3 Port Valves for General Purpose Fluid Control

High Pressure Coolant Valve **VNH**



- For controlling coolants (cutting fluid) used in machine tools.
- Maximum operating pressure: 508 psi (3.5 MPa), 1015 psi (7 MPa)
- Air operated, external pilot solenoid

Series	Actuation	Port size	Orifice diameter (mmø)
VNH	N.C.	3/8 to 1	3.9 to 15.7

Steam Valve/2 Port Valve for Steam **VND**



- For steam control
- Adopting PTFE seals
- With indicator light (option)
- Air operated type

Series	Actuation	Port size	Orifice diameter (mmø)
VND	N.C./N.O.	1/8 to 2 1 1/4B to 2B	7 to 50

Valve for Water and Chemical Base Fluids (2/3 Port Air Operated Valve) **VCC**



- Applicable for 2 liquid paint (VCC12D)
PTFE diaphragm structure = Sliding part eliminated
Less paint adhesion
- Mountable on a robot arm (Space-saving, lightweight)
2 valves per station (30 mm pitch)
2/3 port valves mixed
Resin manifold block

Series	Orifice diameter	Fluid
VCC	ø3.8	Water/chemical base paint, Ink, Cleaning fluid (Water, butyl acetate), Air

SUS316L Stainless Steel Fitting **VCK**



- Since sealing tape is not required, there is no concern of insulation.
(Applicable for painting with high voltage)
- Easy attachment/removal of piping in narrow spaces

Series	Material/Description	Port size
VCK	Stainless steel fitting (316L SS)	G1/4

2-Layer Soft Fluoropolymer Tubing **TQ**



- Carries fluid such as solvent with a soft and abrasion resistant tube.
- 2-layer structure
Outer layer: Special nylon resin
Inner layer: Special fluoropolymer
- Internal smoothness: Equivalent to Ra 0.02 μm

Series	Tubing O.D. Metric size	Color	Fluid
TQ	ø4, ø6, ø8, ø10, ø12	Translucent (Material color)	Air, Water, Inert gas, Solvent