

Pneumatics is changing air that is wherever and infinitely available in the world to power energy. You might seldom see its actual applications, but currently pneumatic equipment are used in production and conveyer lines in almost all industries.

VPC company, which was founded in 1985, as a leading manufacturer, is dedicated to serve the automation and labor saving requirements with our pneumatic product range.

Above, coupled with close connection with customers' requirements, enables us to manufacture and make good valve, high quality products and to operate successfully around the world. As natural result of such policy VPC has been recognized to be in compliance with the requirements as provided for the quality system standard ISO9001:2000, as well as the CE Certificate, which is the first pneumatic enterprise who get both certificates in Ningbo, China.

VPC built an excellent sales team is taking advantage of a widespread net of local and foreign distributor constant expansion in the main worldwide strategic areas. We believe the diversity of our product line, and the sincere work of our staff will make VPC to be world class performance leaders of pneumatic products.

**Sincere Service
Good Quality**



Pneumatic Cylinder

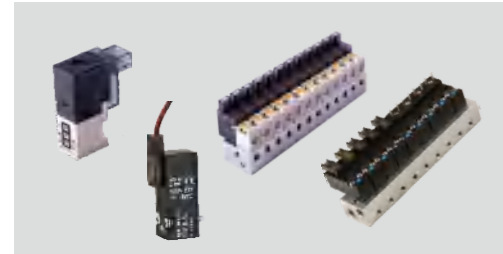


| | |
|--|-----|
| Technical Data 1..... | 002 |
| DNC Series ISO6431 Standard Cylinder..... | 003 |
| SI Series ISO6431 Standard Cylinder..... | 005 |
| DNC/SI ISO6431 Standard Cylinder Brackets..... | 007 |
| SC/SU Series Standard Cylinder..... | 010 |
| SC/SU Series Standard Cylinder Brackets..... | 012 |
| MB Series Standard Cylinder..... | 014 |
| Technical Data 2..... | 015 |
| MAL Series MINI Cylinder..... | 016 |
| MA Series MINI Cylinder..... | 020 |
| MAL/MA Series MINI Cylinder Brackets..... | 022 |
| MI Series MINI Cylinder..... | 024 |
| CJ2B Series MINI Cylinder..... | 026 |
| CDM2B Series MINI Cylinder..... | 026 |
| Technical Data 3..... | 027 |
| SDA Series Compact Cylinder..... | 028 |
| CQ2 Series Compact Cylinder..... | 035 |
| ADVU Series Compact Cylinder..... | 038 |
| CU Series Free Installation Cylinder..... | 040 |
| TN Series Double-shaft Cylinder..... | 042 |
| CXS Series Double-shaft Cylinder..... | 044 |
| STM Series Slide Cylinder..... | 046 |
| MXS Series Slide Cylinder..... | 049 |
| CY1 Series Rodless Cylinder..... | 049 |
| CXSW Series Dou-shaft Cylinder..... | 050 |
| CJP Series Needle Cylinder..... | 050 |
| MSQ Series Rotary Table,Rack&Pinion Cylinder..... | 051 |
| RSQ Series Stopper Cylinder..... | 051 |
| MGP Series Three-shaft Cylinder..... | 052 |
| MHZ Series Style Air Cylinder..... | 052 |
| MHL Series Style Wide Opening Air Cylinder..... | 053 |
| MHT Series Angle Style Air Cylinder Toggle Type..... | 053 |
| Special Cylinder..... | 054 |
| Cylinder Assembly Kits..... | 055 |
| Magnetic Switches..... | 056 |

Directional Valve



| | |
|--------------------------------|-----|
| Technical Data4..... | 058 |
| 2V1 Series Solenoid Valve..... | 059 |
| 3V1 Series Solenoid Valve..... | 060 |
| 3V Series Solenoid Valve..... | 061 |
| 4S Series Solenoid Valve..... | 064 |
| 4V Series Solenoid Valve..... | 068 |



| | |
|---|-----|
| V Series Manifold..... | 073 |
| VSV Series 10mm Micro Solenoid Valve..... | 075 |
| VSV Series 10mm Micro Solenoid Valve Combination..... | 076 |
| VSV Series 15mm Micro Solenoid Valve..... | 077 |
| VSV Series 15mm Micro Solenoid Valve Combination..... | 078 |



| | |
|-------------------------------|-----|
| SY Series Solenoid Valve..... | 079 |
| SY Series Manifold..... | 082 |
| VF Series Solenoid Valve..... | 083 |
| 3M Series Solenoid Valve..... | 085 |
| 4M Series Solenoid Valve..... | 087 |



| | |
|----------------------------------|-----|
| 3A Series Air Control Valve..... | 089 |
| 4A Series Air Control Valve..... | 092 |
| L Series Hand Pull Valve..... | 098 |
| H Series Hand Push Valve..... | 100 |
| M Series Mechanical Valve..... | 102 |



| | |
|--|-----|
| 4HV Series Rotary Valve..... | 104 |
| HV Series Rotary Valve..... | 105 |
| F Series Foot Pedal Valve..... | 107 |
| ASC Series One-Way Throttle Valve..... | 109 |
| AS Series Big Flow Control Valve..... | 110 |



| | |
|-----------------------------|-----|
| Flow Control Valve..... | 111 |
| Shuttle Valve..... | 112 |
| Slide Valve..... | 112 |
| One Way Valve..... | 113 |
| Quick Exhausting Valve..... | 114 |

Solenoid Valve



| | |
|---|-----|
| Technical Data 5 (Valve body seal material selection list)..... | 116 |
| Technical Data 6..... | 117 |
| Technical Data 7..... | 118 |



| | |
|--|-----|
| SLP Series Valve (Normal Close)..... | 119 |
| SLP Series Valve (Normal Open)..... | 122 |
| ZS Series Solenoid Valve (Normal Close)..... | 124 |
| ZS Series Valve (Normal Open)..... | 126 |



| | |
|---|-----|
| VPC Series Direct Acting Solenoid Valve..... | 128 |
| VPC Series Miniature Solenoid Valve (3/2Way)..... | 129 |
| VPC Series Pilot-Diaphragm Solenoid Valve (Normal Close)..... | 130 |
| VPCE Series High Pressure Solenoid Valve..... | 131 |
| VPCT Series High Temperature Solenoid Valve..... | 132 |
| VPC Series Step Direct Acting Diaphragm Solenoid Valve..... | 133 |
| VPCS Series Stainless Steel Pilot Diaphragm Solenoid Valve..... | 134 |



| | |
|----------------------------------|-----|
| PU220 Series Solenoid Valve..... | 135 |
| PU225 Series Solenoid Valve..... | 136 |
| 2W Series Solenoid Valve..... | 137 |
| 2L Series Solenoid Valve..... | 139 |



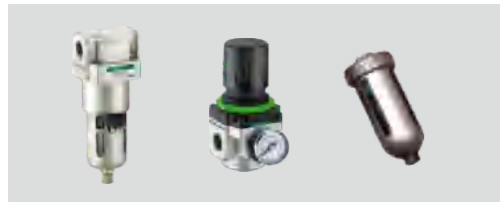
| | |
|---|-----|
| 2S Series Stainless Steel Solenoid Valve..... | 140 |
| 2P Series Solenoid Valve..... | 141 |
| 2V Series Solenoid Valve..... | 142 |
| 2Q Series Solenoid Valve..... | 143 |



| | |
|---|-----|
| VX Series Solenoid Valve..... | 144 |
| SLH Series High Temperature Stainless Steel Solenoid Valve..... | 145 |
| SLDF Series Special For Under-Water Solenoid Valve..... | 146 |
| VPC Series Angle Valve (Full Stainless Steel)..... | 147 |
| VPCP Series Angle Valve (Plastic Actuator)..... | 149 |

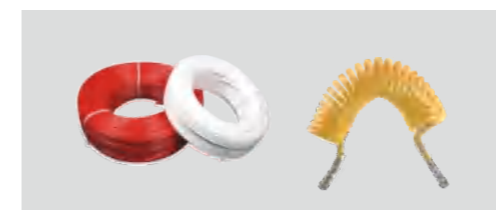
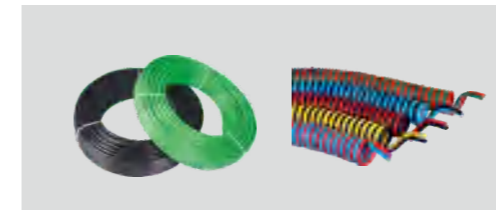
| | |
|--|-----|
| VPCF Series Electro-Magnetic Valve..... | 151 |
| VPCYF Series Electro-Magnetic Valve..... | 152 |
| Armature+Connector+Coil..... | 153 |
| Air Suspension Valve Block..... | 154 |
| VAT Series Pneumatic Actuators..... | 155 |

Air Treatment Units (FRL)



| | |
|---|-----|
| Air Treatment Unit Tips..... | 158 |
| OU Series Air Treatment Units..... | 159 |
| OFR Series Air Treatment Units..... | 161 |
| OF Series Air Treatment Units..... | 163 |
| OL Series Air Treatment Units..... | 165 |
| OR Series Air Treatment Units..... | 167 |
| ORB Series Pressure Regulator Combinations..... | 169 |
| O Series Accessories..... | 170 |
| AC Series F.R.L Combination..... | 171 |
| AC Series F.R.L Combination..... | 173 |
| AW Series F.R. Combination..... | 175 |
| AF Series Air Filter..... | 177 |
| AL Series Lubricator..... | 179 |
| AR Series Air Regulation..... | 181 |
| A Series F.R.L Accessories..... | 183 |
| V Series F.R.L With Embedded Air Gauge..... | 185 |
| A/B Series Air Treatment Unit..... | 186 |

Pneumatic Accessories



| | |
|---|-----|
| One Touch-In Fitting..... | 188 |
| One Touch-In Fitting With O-Ring..... | 194 |
| Hand Valve..... | 196 |
| MINI Type One Touch-In Fitting..... | 197 |
| Stop Fitting..... | 198 |
| Check Valve..... | 198 |
| KQ Series One Touch-In Fitting..... | 199 |
| Brass One Touch-in Fitting..... | 202 |
| Stainless Steel Fitting..... | 203 |
| VPC Series Pipe Fitting..... | 204 |
| Silencer..... | 205 |
| PU Tube(Polyester Polyurethane)..... | 206 |
| PUC Coiling Tube(Polyester Polyurethane)..... | 207 |
| PUCL Twin(Multi-row)Spiral Hose..... | 208 |
| PUS Twin(Multi-row)Hose,Bundle Hose..... | 209 |
| EU Tube(Ether-Based Polyurethane,Food Grade)..... | 210 |
| EUC Coiling Tube(Ether)..... | 211 |
| PBH Braided Tube(Ester)/Yarn Tube..... | 212 |
| PUH Anti-Spark Hose..... | 213 |
| PA Nylon Tube..... | 214 |
| PAC Coiling Tube..... | 215 |
| PE Tube..... | 216 |
| FEP Tube..... | 217 |
| Sectional Tube..... | 218 |
| Pressure Switch..... | 219 |

Measure Conversion Table

Linear Measure

| | | |
|--------|---------|----|
| 1 in | =25.4 | mm |
| 1 ft | =0.3048 | m |
| 1 mile | =1609.3 | m |

Weight Measure

| | | |
|----------|--------|----|
| 1 lb | =453.6 | g |
| 1 cwt | =50.8 | Kg |
| 1 UK ton | =1016 | Kg |
| 1 US ton | =907.2 | Kg |
| 1 ton | =1000 | Kg |

Torsion Measure

| | | |
|---------|--------|----|
| 1 in lb | =0.113 | Nm |
| 1 ft lb | =1.356 | Nm |
| 1 kgm | =9.807 | Nm |

Temperature Measure

| | | |
|--------------|---|----|
| (°F-32) X5/9 | = | °C |
| K-273.15 | = | °C |

Capacity Measure

| | | |
|----------|---------|-----------------|
| 1 Litre | =0.001 | m ³ |
| 1 cu ft | =0.0283 | m ³ |
| 1 cu in | =16.39 | cm ³ |
| 1 US gal | =4.546 | L |
| 1 UK gal | =3.79 | L |

Equivalent Exchange

| | | |
|---------------------|----------------------------------|--|
| 1 psi | =6.895Kpa=0.07Kg/cm ² | =0.06895bar=0.0703atm |
| 1 sta atm | =14.7psi=101.3Kpa | =1.01325bar |
| 1Kg/cm ² | =98.07Kpa=14.22psi | =28.96ins mercury |
| 1ft lb | =0.13826kgm | =1.356Nm |
| 1L | =1000cm ³ | =1.7598pint =10 ⁶ mm ³ |
| 1tonne | =1000kg | =0.984ton =2205lb |
| 1m ³ | =10 ⁶ cm ³ | |
| 1Pa | =1N/m ² | |
| 1cu ft/min. | =0.0283m ³ /min | =28.3l/min |

Area Measure

| | | |
|-------------------|---------|-----------------|
| 1 in ² | =6.45 | cm ² |
| 1 ft ² | =0.0929 | m ² |

Pressure Measure

| | | |
|----------------------|---------|----------|
| 1 psi | =6.89 | Kpa |
| 1 Kg/cm ² | =98.07 | Kpa |
| 1 bar | =100 | Kpa |
| 1 bar | =14.5 | psi |
| 1 atm | =101.3 | Kpa |
| 1 cm water | =97.89 | pa |
| 1 in water | =248.64 | pa |
| 1 mm mercury | =133.3 | pa |
| 1 in mercury | =3.39 | Kpa |
| 1 torr | =133.3 | pa |
| 1 ft water | =0.0298 | bar |
| 1 bar | =33.3 | ft water |

Energy&Heat Measure

| | | |
|----------|--------|----|
| 1 lb ft | =1.356 | J |
| 1 N m | =1 | J |
| 1 Kg f m | =9.807 | J |
| 1 Kw h | =3.6 | MJ |

Force Measure

| | | |
|-----------------|-------|----|
| 1 lbf | =4.45 | N |
| 1 Kg f | =9.81 | N |
| 1Kilopond (K P) | =9.81 | N |
| 1 ton force | =9.81 | KN |

Power Measure

| | | |
|---------------|--------|---|
| 1 lb ft/sec | =4.358 | W |
| 1 Kg f m/sec | =9.807 | W |
| 1 N m/sec | =1 | W |
| 1 Joule/sec | =1 | W |
| 1 H. P. (IMP) | =745.7 | W |

Cylinder

User Manual

1. Before screwing the correct fitting in, make sure the thread ports and fittings are clean. Be aware of dust or fitting tap falling into the cylinder;
2. It is suggested to use the medium lubricated by 40um filter element;
3. Under the high-temperature environment, use the high-temperature type cylinder. Under the low-temperature environment, take measure to avoid frozen;
4. In order to prevent damaging the cylinder, test the cylinder with loading first and adjust the cushion tightly.
5. In order for the cylinder to achieve long service life, do not side-load cylinder,
6. If the fittings were removed from the cylinder for a period of time, be sure to block the thread port with protecting cap to keep the dust away.

Caution

1. To remove the rust, external impurity and water, please install a filter near to the directional valve.
2. Please use galvanized pipe, nylon tube, rubber pipe etc corrosion resistant pipe materials.
3. For the piping between the cylinder and the directional control valve, please confirm section have effective cross-sectional area of the provisions of the velocity of the piston must be.
4. Piping before the removal of external impurity in the tube, chip etc. Please use compressed air to clean.
5. When connected with the component products, please do not mix with the sealing belt and other foreign bodies.
6. And in poor rod load please keep in axial state.

Maintenance

1. The most suitable temperature for the use of the cylinder is 5-60°C, when the temperature exceeds 60°C, please consider to change the material of the seal ;if the temperature is below 5°C, due to the freezing of water in the loop, there may become an accident, please consider to prevent freezing.
2. Please don't use cylinder corrosion environment , otherwise they will be damaged or dysfunctional if must be used in such an environment, please consult with VPC for solution.
3. Compressed air used must be clean and less water.
4. The purpose of the buffer is to use the energy of the air to absorb the kinetic energy of the moving parts, so that the piston and the end cover are not impacted at the end of the stroke.
5. Pneumatic buffer at the factory has been adjusted. Due to the variation of load to adjust the buffer can slowly rotate to the right needle, counterclockwise is weakened.
6. Please do not use the cylinder directly to the cutting fluid, cooling environment, please add the dust cover on the cylinder.

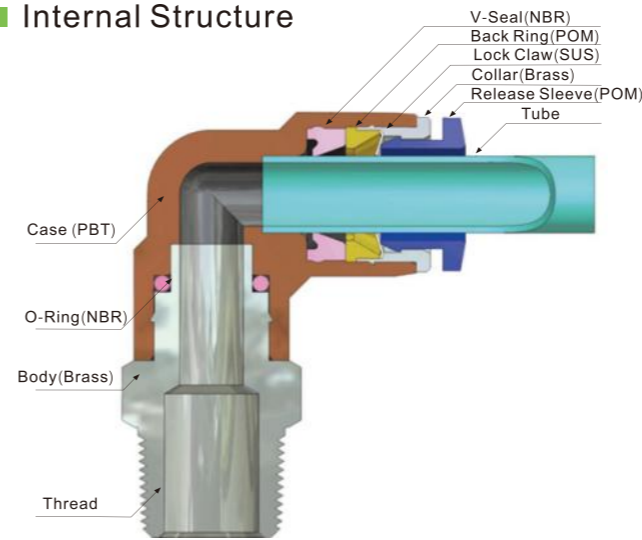
Tips

1. Cylinder can be caused by using the cylinder in the large inertia of the super-permitted range.
2. Please do not beat the cylinder, resulting in injuries, which well cause the cause of bad action.
3. Please install in the horizontal plane, if the installation surface is uneven, may cause the cylinder is damaged.
4. Attention to the inertia force due to external forces, and sometimes lead to negative pressure in the cylinder, so that the cylinder seal off, causing the external leakage.



One Touch-In Fitting

Internal Structure



- * Fast installation, simple and smart, space-saving.
- * In a variety of models, suitable for any tubes.
- * Even after installation, the direction of the tube can be changed freely.
- * Elliptical release ring design easy to dismantle.
- * Once be inserted, the tube would not easily loose.
- * All the taper pipe threads are pre-coated sealant, perfect sealing performance.
- * With Hex type, convenient to installation even the narrow place.

Specifications

| | |
|------------------------|-------------|
| Working Medium | Air, Vacuum |
| Working Pressure Range | 0~0.8Mpa |
| Max Pressure | 1.2Mpa |
| Working Temperature | 0~60°C |
| Applicable Tube | Nylon, PU |

Ordering Code One Touch-In Fitting

| | | | |
|-------------|--|--|--|
| VPC | 08 | - | 02 |
| Series Code | Tube Outside | | Thread |
| | 04:4mm 5/32":5/32" 06:6mm 3/16":3/16" 08:8mm 1/4":1/4" 10:10mm 5/16":5/16" 12:12mm 3/8":3/8" 14:14mm 1/2":1/2" 16:16mm | M5:M5x0.8 M6:M6x1.0 01:1/8"PT 02:1/4"PT 03:3/8"PT 04:1/2"PT | G01:1/8" BSP 1/8"N:1/8"NPT G02:1/4" BSP 1/4"N:1/4"NPT G03:3/8" BSP 3/8"N:3/8"NPT G04:1/2" BSP 1/2"N:1/2"NPT |

Tube Size

| | Tube(Metric) | | | | | | | Tube(Inch) | | | | | |
|--------------|--------------|----|----|-----|-----|-----|-----|------------|-------|-------|-------|------|------|
| Code | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 5/32 | 3/16 | 1/14 | 5/16 | 3/8 | 1/2 |
| Tube Outside | Φ4 | Φ6 | Φ8 | Φ10 | Φ12 | Φ14 | Φ16 | Φ5/32 | Φ3/16 | Φ1/14 | Φ5/16 | Φ3/8 | Φ1/2 |

Thread

| | Thread (Metric) | | | | | | | |
|--------|-----------------|--------|--------|---------|----------|---------|---------|---------|
| Code | M5 | M6 | M8 | M10 | M12 | M14 | M16 | M20 |
| Thread | M5x0.8 | M6x1.0 | M8x1.0 | M10x1.0 | M12x1.25 | M14x1.5 | M16x1.5 | M20x1.5 |

| | 55° Thread(R) | | | | |
|--------|---------------|------|------|------|------|
| Code | 01 | 02 | 03 | 04 | 06 |
| Thread | R1/8 | R1/4 | R3/8 | R1/2 | R3/4 |

| | 55° Thread(G) | | | | |
|--------|---------------|------|------|------|------|
| Code | G01 | G02 | G03 | G04 | G06 |
| Thread | G1/8 | G1/4 | G3/8 | G1/2 | G3/4 |

| | Thread(UNF) | | US Thread 60° | | | |
|--------|-------------|--------|---------------|--------|--------|--------|
| Code | U10 | 01N | 02N | 03N | 04N | 06N |
| Thread | 10-32UNF | NPT1/8 | NPT1/4 | NPT3/8 | NPT1/2 | NPT3/4 |

One Touch-In Fitting

VPC



| Model(ΦD-T) | | | | | | | |
|------------------------|----------|--------------------------|------------|----------------------------|---------------|---------------|--------------|
| Tube(Metric)-Thread(R) | | Tube (Inch) - Thread (R) | | Tube (Inch) - Thread (NPT) | | | |
| VPC04-M5 | VPC06-04 | VPC12-02 | VPC1/4-01 | VPC3/8-04 | VPC5/32-1/8"N | VPC1/4-1/4"N | VPC1/2-1/4"N |
| VPC04-M6 | VPC08-01 | VPC12-03 | VPC1/4-02 | VPC1/2-02 | VPC5/32-1/4"N | VPC1/4-3/8"N | VPC1/2-3/8"N |
| VPC04-01 | VPC08-02 | VPC12-04 | VPC1/4-03 | VPC1/2-03 | VPC3/16-1/8"N | VPC5/16-1/8"N | VPC1/2-1/2"N |
| VPC04-02 | VPC08-03 | VPC14-03 | VPC5/16-01 | VPC1/2-04 | VPC3/16-1/4"N | VPC5/16-1/4"N | |
| VPC06-M5 | VPC08-04 | VPC14-04 | VPC5/16-02 | | VPC3/16-3/8"N | VPC5/16-3/8"N | |
| VPC06-M6 | VPC10-01 | VPC16-03 | VPC5/16-03 | | VPC1/4-1/8"N | VPC3/8-1/8"N | |
| VPC06-01 | VPC10-02 | VPC16-04 | VPC3/8-01 | | | VPC3/8-1/4"N | |
| VPC06-02 | VPC10-03 | | VPC3/8-02 | | | VPC3/8-3/8"N | |
| VPC06-03 | VPC10-04 | | VPC3/8-03 | | | VPC3/8-1/2"N | |

VPCF



| Model(ΦD-T) | | | | |
|------------------------|-----------|--------------------------|----------------|----------------------------|
| Tube(Metric)-Thread(R) | | Tube (Inch) - Thread (R) | | Tube (Inch) - Thread (NPT) |
| VPCF04-01 | VPCF10-01 | VPCF1/4-01 | VPCF5/32-1/8"N | VPCF3/8-1/4"N |
| VPCF04-02 | VPCF10-02 | VPCF1/4-02 | VPCF5/32-1/4"N | VPCF3/8-3/8"N |
| VPCF06-01 | VPCF10-03 | VPCF5/16-01 | VPCF3/16-1/8"N | VPCF1/2-1/4"N |
| VPCF06-02 | VPCF10-04 | VPCF5/16-02 | VPCF3/16-1/4"N | VPCF1/2-3/8"N |
| VPCF06-03 | VPCF12-02 | VPCF3/8-02 | VPCF1/4-1/8"N | |
| VPCF08-01 | VPCF12-03 | VPCF3/8-03 | VPCF1/4-1/4"N | |
| VPCF08-02 | VPCF12-04 | | VPCF5/16-1/8"N | |
| VPCF08-03 | VPCF16-03 | | VPCF5/16-1/4"N | |
| VPCF08-04 | VPCF16-04 | | VPCF5/16-3/8"N | |

VPOC



| Model(ΦD-T) | | | | | |
|------------------------|-----------|--------------------------|-------------|----------------------------|---------------|
| Tube(Metric)-Thread(R) | | Tube (Inch) - Thread (R) | | Tube (Inch) - Thread (NPT) | |
| VPOC04-M5 | VPOC08-01 | VPOC12-03 | VPOC1/4-01 | VPOC5/32-1/8"N | VPOC3/8-1/4"N |
| VPOC04-M6 | VPOC08-02 | VPOC12-04 | VPOC1/4-02 | VPOC1/4-1/8"N | VPOC3/8-3/8"N |
| VPOC04-01 | VPOC08-03 | VPOC14-03 | VPOC5/16-01 | VPOC1/4-1/4"N | VPOC3/8-1/2"N |
| VPOC04-02 | VPOC08-04 | VPOC14-04 | VPOC5/16-02 | VPOC5/16-1/8"N | VPOC1/2-1/4"N |
| VPOC06-M5 | VPOC10-01 | VPOC16-03 | VPOC5/16-03 | VPOC5/16-1/4"N | VPOC1/2-3/8"N |
| VPOC06-M6 | VPOC10-02 | VPOC16-04 | VPOC3/8-02 | VPOC5/16-3/8"N | VPOC1/2-1/2"N |
| VPOC06-01 | VPOC10-03 | | VPOC3/8-03 | | |
| VPOC06-02 | VPOC10-04 | | VPOC3/8-04 | | |
| VPOC06-03 | VPOC12-02 | | | | |

VPM



| Model(ΦD) | |
|--------------|-------------|
| Tube(Metric) | Tube (Inch) |
| VPM04 | VPM5/32 |
| VPM06 | VPM3/16 |
| VPM08 | VPM1/4 |
| VPM10 | VPM5/16 |
| VPM12 | VPM3/8 |
| VPM14 | VPM1/2 |
| VPM16 | |

VPMF



| Model(ΦD-T) | | | |
|------------------------|-----------|----------------------------|---------------|
| Tube(Metric)-Thread(R) | | Tube (Inch) - Thread (NPT) | |
| VPMF04-01 | VPMF10-01 | VPMF5/32-1/8"N | VPMF3/8-3/8"N |
| VPMF04-02 | VPMF10-02 | VPMF3/16-1/8"N | VPMF1/2-3/8"N |
| VPMF06-01 | VPMF10-03 | VPMF3/16-1/4"N | VPMF1/2-1/2"N |
| VPMF06-02 | VPMF10-04 | VPMF1/4-1/8"N | |
| VPMF06-03 | VPMF12-02 | VPMF1/4-1/4"N | |
| VPMF08-01 | VPMF12-03 | VPMF5/16-1/8"N | |
| VPMF08-02 | VPMF12-04 | VPMF5/16-1/4"N | |
| VPMF08-03 | VPMF14-04 | VPMF5/16-3/8"N | |
| VPMF08-04 | VPMF16-04 | VPMF3/8-1/4"N | |

One Touch-In Fitting

VPL



| Model(ΦD-T) | | | | | | | |
|------------------------|----------|--------------------------|------------|----------------------------|---------------|---------------|--------------|
| Tube(Metric)-Thread(R) | | Tube (Inch) - Thread (R) | | Tube (Inch) - Thread (NPT) | | | |
| VPL04-M5 | VPL06-04 | VPL12-02 | VPL1/4-01 | VPL3/8-04 | VPL5/32-1/8"N | VPL1/4-1/4"N | VPL1/2-1/4"N |
| VPL04-M6 | VPL08-01 | VPL12-03 | VPL1/4-02 | VPL1/2-02 | VPL5/32-1/4"N | VPL1/4-3/8"N | VPL1/2-3/8"N |
| VPL04-01 | VPL08-02 | VPL12-04 | VPL1/4-03 | VPL1/2-03 | VPL3/16-1/8"N | VPL5/16-1/8"N | VPL1/2-1/2"N |
| VPL04-02 | VPL08-03 | VPL14-03 | VPL5/16-01 | VPL1/2-04 | VPL3/16-1/4"N | VPL5/16-1/4"N | |
| VPL06-M5 | VPL08-04 | VPL14-04 | VPL5/16-02 | | VPL3/16-3/8"N | VPL5/16-3/8"N | |
| VPL06-M6 | VPL10-01 | VPL16-03 | VPL5/16-03 | | VPL1/4-1/8"N | VPL3/8-1/8"N | |
| VPL06-01 | VPL10-02 | VPL16-04 | VPL3/8-01 | | | VPL3/8-1/4"N | |
| VPL06-02 | VPL10-03 | | VPL3/8-02 | | | VPL3/8-3/8"N | |
| VPL06-03 | VPL10-04 | | VPL3/8-03 | | | VPL3/8-1/2"N | |

VPLF



| Model(ΦD-T) | | | | |
|------------------------|-----------|----------------------------|----------------|---------------|
| Tube(Metric)-Thread(R) | | Tube (Inch) - Thread (NPT) | | |
| VPLF04-M5 | VPLF06-03 | VPLF10-04 | VPLF5/32-1/8"N | VPLF3/8-1/4"N |
| VPLF04-M6 | VPLF08-01 | VPLF12-02 | VPLF3/16-1/8"N | VPLF3/8-3/8"N |
| VPLF04-01 | VPLF08-02 | VPLF12-03 | VPLF3/16-1/4"N | VPLF1/2-3/8"N |
| VPLF04-02 | VPLF08-03 | VPLF12-04 | VPLF1/4-1/8"N | VPLF1/2-1/2"N |
| VPLF06-M5 | VPLF08-04 | VPLF14-03 | VPLF1/4-1/4"N | |
| VPLF06-M6 | VPLF10-01 | VPLF14-04 | VPLF5/16-1/8"N | |
| VPLF06-01 | VPLF10-02 | VPLF16-03 | VPLF5/16-1/4"N | |
| VPLF06-02 | VPLF10-03 | VPLF16-04 | VPLF5/16-3/8"N | |

VPLL



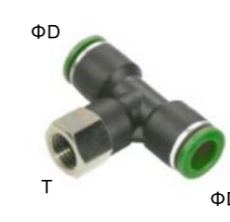
| Model(ΦD-T) | | | | | |
|------------------------|-----------|--------------------------|-------------|----------------------------|----------------|
| Tube(Metric)-Thread(R) | | Tube (Inch) - Thread (R) | | Tube (Inch) - Thread (NPT) | |
| VPLL04-M5 | VPLL06-04 | VPLL12-02 | VPLL1/4-01 | VPLL5/32-1/8"N | VPLL5/16-1/4"N |
| VPLL04-M6 | VPLL08-01 | VPLL12-03 | VPLL1/4-02 | VPLL3/16-1/8"N | VPLL5/16-3/8"N |
| VPLL04-01 | VPLL08-02 | VPLL12-04 | VPLL5/16-02 | VPLL3/16-1/4"N | VPLL3/8-1/4"N |
| VPLL04-02 | VPLL08-03 | VPLL14-03 | VPLL3/8-02 | VPLL3/16-3/8"N | VPLL3/8-3/8"N |
| VPLL06-M5 | VPLL08-04 | VPLL14-04 | VPLL3/8-03 | VPLL1/4-1/8"N | VPLL3/8-1/2"N |
| VPLL06-M6 | VPLL10-01 | VPLL16-03 | | VPLL1/4-1/4"N | VPLL1/2-1/4"N |
| VPLL06-01 | VPLL10-02 | VPLL16-04 | | VPLL1/4-3/8"N | VPLL1/2-3/8"N |
| VPLL06-02 | VPLL10-03 | | | VPLL5/16-1/8"N | VPLL1/2-1/2"N |
| VPLL06-03 | VPLL10-04 | | | | |

VPB



| Model(ΦD-T) | | | | | | | |
|------------------------|----------|--------------------------|------------|----------------------------|---------------|---------------|--------------|
| Tube(Metric)-Thread(R) | | Tube (Inch) - Thread (R) | | Tube (Inch) - Thread (NPT) | | | |
| VPB04-M5 | VPB06-04 | VPB12-02 | VPB1/4-01 | VPB3/8-04 | VPB5/32-1/8"N | VPB1/4-1/4"N | VPB1/2-1/4"N |
| VPB04-M6 | VPB08-01 | VPB12-03 | VPB1/4-02 | VPB1/2-02 | VPB5/32-1/4"N | VPB1/4-3/8"N | VPB1/2-3/8"N |
| VPB04-01 | VPB08-02 | VPB12-04 | VPB1/4-03 | VPB1/2-03 | VPB3/16-1/8"N | VPB5/16-1/8"N | VPB1/2-1/2"N |
| VPB04-02 | VPB08-03 | VPB14-03 | VPB5/16-01 | VPB1/2-04 | VPB3/16-1/4"N | VPB5/16-1/4"N | |
| VPB06-M5 | VPB08-04 | VPB14-04 | VPB5/16-02 | | VPB3/16-3/8"N | VPB5/16-3/8"N | |
| VPB06-M6 | VPB10-01 | VPB16-03 | VPB5/16-03 | | VPB1/4-1/8"N | VPB3/8-1/8"N | |
| VPB06-01 | VPB10-02 | VPB16-04 | VPB3/8-01 | | | VPB3/8-1/4"N | |
| VPB06-02 | VPB10-03 | | VPB3/8-02 | | | VPB3/8-3/8"N | |
| VPB06-03 | VPB10-04 | | VPB3/8-03 | | | VPB3/8-1/2"N | |

VPBF



| Model(ΦD-T) | | | | | | | |
|------------------------|-----------|--------------------------|-------------|----------------------------|----------------|----------------|---------------|
| Tube(Metric)-Thread(R) | | Tube (Inch) - Thread (R) | | Tube (Inch) - Thread (NPT) | | | |
| VPBF04-M5 | VPBF06-04 | VPBF12-02 | VPBF1/4-01 | VPBF3/8-04 | VPBF5/32-1/8"N | VPBF1/4-1/4"N | VPBF1/2-1/4"N |
| VPBF04-M6 | VPBF08-01 | VPBF12-03 | VPBF1/4-02 | VPBF1/2-02 | VPBF5/32-1/4"N | VPBF1/4-3/8"N | VPBF1/2-3/8"N |
| VPBF04-01 | VPBF08-02 | VPBF12-04 | VPBF1/4-03 | VPBF1/2-03 | VPBF3/16-1/8"N | VPBF5/16-1/8"N | VPBF1/2-1/2"N |
| VPBF04-02 | VPBF08-03 | VPBF14-03 | VPBF5/16-01 | VPBF1/2-04 | VPBF3/16-1/4"N | VPBF5/16-1/4"N | |
| VPBF06-M5 | VPBF08-04 | VPBF14-04 | VPBF5/16-02 | | VPBF3/16-3/8"N | VPBF5/16-3/8"N | |
| VPBF06-M6 | VPBF10-01 | VPBF16-03 | VPBF5/16-03 | | VPBF1/4-1/8"N | VPBF3/8-1/8"N | |
| VPBF06-01 | VPBF10-02 | VPBF16-04 | VPBF3/8-01 | | | VPBF3/8-1/4"N | |
| VPBF06-02 | VPBF10-03 | | VPBF3/8-02 | | | VPBF3/8-3/8"N | |
| VPBF06-03 | VPBF10-04 | | VPBF3/8-03 | | | VPBF3/8-1/2"N | |

One Touch-In Fitting

VPD



| Model(ΦD-T) | | | | | | |
|------------------------|----------|-------------------------|------------|----------------------------|---------------|---------------|
| Tube(Metric)-Thread(R) | | Tube (Inch) -Thread (R) | | Tube (Inch) - Thread (NPT) | | |
| VPD04-M5 | VPD06-04 | VPD12-02 | VPD1/4-01 | VPD3/8-04 | VPD5/32-1/8"N | VPD5/16-1/4"N |
| VPD04-M6 | VPD08-01 | VPD12-03 | VPD1/4-02 | VPD1/2-02 | VPD5/32-1/4"N | VPD5/16-3/8"N |
| VPD04-01 | VPD08-02 | VPD12-04 | VPD1/4-03 | VPD1/2-03 | VPD3/16-1/8"N | VPD3/8-1/8"N |
| VPD04-02 | VPD08-03 | VPD14-03 | VPD5/16-01 | VPD1/2-04 | VPD3/16-1/4"N | VPD3/8-1/4"N |
| VPD06-M5 | VPD08-04 | VPD14-04 | VPD5/16-02 | | VPD3/16-3/8"N | VPD3/8-3/8"N |
| VPD06-M6 | VPD10-01 | VPD16-03 | VPD5/16-03 | | VPD1/4-1/8"N | VPD3/8-1/2"N |
| VPD06-01 | VPD10-02 | VPD16-04 | VPD3/8-01 | | VPD1/4-1/4"N | VPD1/2-1/4"N |
| VPD06-02 | VPD10-03 | | VPD3/8-02 | | VPD1/4-3/8"N | VPD1/2-3/8"N |
| VPD06-03 | VPD10-04 | | VPD3/8-03 | | VPD5/16-1/8"N | VPD1/2-1/2"N |

VPWT



| Model(ΦD-T) | | | | | | |
|------------------------|-----------|-------------------------|-------------|----------------------------|----------------|----------------|
| Tube(Metric)-Thread(R) | | Tube (Inch) -Thread (R) | | Tube (Inch) - Thread (NPT) | | |
| VPWT04-M5 | VPWT06-04 | VPWT12-02 | VPWT1/4-01 | VPWT3/8-04 | VPWT5/32-1/8"N | VPWT5/16-1/4"N |
| VPWT04-M6 | VPWT08-01 | VPWT12-03 | VPWT1/4-02 | VPWT1/2-02 | VPWT5/32-1/4"N | VPWT5/16-3/8"N |
| VPWT04-01 | VPWT08-02 | VPWT12-04 | VPWT1/4-03 | VPWT1/2-03 | VPWT3/16-1/8"N | VPWT3/8-1/8"N |
| VPWT04-02 | VPWT08-03 | | VPWT5/16-01 | VPWT1/2-04 | VPWT3/16-1/4"N | VPWT3/8-1/4"N |
| VPWT06-M5 | VPWT08-04 | | VPWT5/16-02 | | VPWT3/16-3/8"N | VPWT3/8-3/8"N |
| VPWT06-M6 | VPWT10-01 | | VPWT5/16-03 | | VPWT1/4-1/8"N | VPWT3/8-1/2"N |
| VPWT06-01 | VPWT10-02 | | VPWT3/8-01 | | VPWT1/4-1/4"N | VPWT1/2-1/4"N |
| VPWT06-02 | VPWT10-03 | | VPWT3/8-02 | | VPWT1/4-3/8"N | VPWT1/2-3/8"N |
| VPWT06-03 | VPWT10-04 | | VPWT3/8-03 | | VPWT5/16-1/8"N | VPWT1/2-1/2"N |

VPH



| Model(ΦD-T) | | | | | |
|------------------------|----------|-------------------------|------------|----------------------------|--------------|
| Tube(Metric)-Thread(R) | | Tube (Inch) -Thread (R) | | Tube (Inch) - Thread (NPT) | |
| VPH04-M5 | VPH06-03 | VPH12-02 | VPH1/4-M5 | VPH5/32-1/8"N | VPH3/8-1/4"N |
| VPH04-M6 | VPH08-01 | VPH12-03 | VPH1/4-01 | VPH3/16-1/8"N | VPH3/8-3/8"N |
| VPH04-01 | VPH08-02 | VPH12-04 | VPH1/4-02 | VPH3/16-1/4"N | VPH1/2-3/8"N |
| VPH04-02 | VPH08-03 | | VPH5/16-01 | VPH1/4-1/8"N | VPH1/2-1/2"N |
| VPH06-M5 | VPH08-04 | | VPH5/16-02 | VPH1/4-1/4"N | |
| VPH06-M6 | VPH10-02 | | VPH5/16-03 | VPH5/16-1/8"N | |
| VPH06-01 | VPH10-03 | | VPH3/8-02 | VPH5/16-1/4"N | |
| VPH06-02 | VPH10-04 | | VPH3/8-03 | VPH5/16-3/8"N | |

VPHF



| Model(ΦD-T) | | | | | |
|------------------------|-----------|-------------------------|-------------|----------------------------|---------------|
| Tube(Metric)-Thread(R) | | Tube (Inch) -Thread (R) | | Tube (Inch) - Thread (NPT) | |
| VPHF04-M5 | VPHF06-03 | VPHF12-02 | VPHF1/4-M5 | VPHF5/32-1/8"N | VPHF3/8-1/4"N |
| VPHF04-M6 | VPHF08-01 | VPHF12-03 | VPHF1/4-01 | VPHF3/16-1/8"N | VPHF3/8-3/8"N |
| VPHF04-01 | VPHF08-02 | VPHF12-04 | VPHF1/4-02 | VPHF3/16-1/4"N | VPHF1/2-3/8"N |
| VPHF04-02 | VPHF08-03 | | VPHF5/16-01 | VPHF1/4-1/8"N | VPHF1/2-1/2"N |
| VPHF06-M5 | VPHF08-04 | | VPHF5/16-02 | VPHF1/4-1/4"N | |
| VPHF06-M6 | VPHF10-02 | | VPHF5/16-03 | VPHF5/16-1/8"N | |
| VPHF06-01 | VPHF10-03 | | VPHF3/8-02 | VPHF5/16-1/4"N | |
| VPHF06-02 | VPHF10-04 | | VPHF3/8-03 | VPHF5/16-3/8"N | |

VPGJ



| Model (ΦD1-ΦD2) | | |
|---------------------------|-------------------------|--------------------------|
| Tube(Metric)-Tube(Metric) | Tube(Metric)-Tube(Inch) | Tube (Inch) -Tube (Inch) |
| VPGJ06-04 | VPGJ08-1/4 | VPGJ1/4-5/32 |
| VPGJ08-04 | VPGJ10-1/4 | VPGJ5/16-5/32 |
| VPGJ08-06 | VPGJ10-5/16 | VPGJ5/16-1/4 |
| VPGJ10-06 | VPGJ12-1/4 | VPGJ3/8-1/4 |
| VPGJ10-08 | VPGJ12-5/16 | VPGJ3/8-5/16 |
| VPGJ12-06 | | VPGJ1/2-1/4 |
| VPGJ12-08 | | VPGJ1/2-5/16 |
| VPGJ12-10 | | VPGJ1/2-3/8 |

One Touch-In Fitting

VPU



| Model (ΦD) | |
|--------------|------------|
| Tube(Metric) | Tube(Inch) |
| VPU04 | VPU5/32 |
| VPU06 | VPU3/16 |
| VPU08 | VPU1/4 |
| VPU10 | VPU5/16 |
| VPU12 | VPU3/8 |
| VPU14 | VPU1/2 |
| VPU16 | |

VPE



| Model (ΦD) | |
|--------------|------------|
| Tube(Metric) | Tube(Inch) |
| VPE04 | VPE5/32 |
| VPE06 | VPE3/16 |
| VPE08 | VPE1/4 |
| VPE10 | VPE5/16 |
| VPE12 | VPE3/8 |
| VPE14 | VPE1/2 |
| VPE16 | |

VPW



| Model (ΦD1-ΦD2) | |
|-----------------|--------------|
| Tube(Metric) | Tube(Inch) |
| VPW06-04 | VPW3/16-5/32 |
| VPW08-04 | VPW1/4-5/32 |
| VPW08-06 | VPW1/4-3/16 |
| VPW10-06 | VPW5/16-1/4 |
| VPW10-08 | VPW3/8-5/16 |
| VPW12-08 | VPW1/2-3/8 |
| VPW12-10 | |

VPEG



| Model (ΦD1-ΦD2) | |
|-----------------|--------------|
| Tube(Metric) | Tube(Inch) |
| VPEG06-04 | VPEG1/4-5/32 |
| VPEG08-04 | VPEG5/16-1/4 |
| VPEG08-06 | VPEG3/8-5/16 |
| VPEG10-06 | VPEG1/2-3/8 |
| VPEG10-08 | |
| VPEG12-08 | |
| VPEG12-10 | |
| VPEG16-12 | |

VPWJ



| Model (ΦD1-ΦD2) | |
|-----------------|--------------|
| Tube(Metric) | Tube(Inch) |
| VPWJ06-04 | VPWJ1/4-5/32 |
| VPWJ08-06 | VPWJ5/16-1/4 |
| VPWJ10-08 | VPWJ3/8-5/16 |
| VPWJ12-10 | VPWJ1/2-3/8 |

VPV



| Model (ΦD) | |
|--------------|------------|
| Tube(Metric) | Tube(Inch) |
| VPV04 | VPV5/32 |
| VPV06 | VPV3/16 |
| VPV08 | VPV1/4 |
| VPV10 | VPV5/16 |
| VPV12 | VPV3/8 |
| VPV14 | VPV1/2 |
| VPV16 | |

VPY



| Model (ΦD) | |
|--------------|------------|
| Tube(Metric) | Tube(Inch) |
| VPY04 | VPY5/32 |
| VPY06 | VPY3/16 |
| VPY08 | VPY1/4 |
| VPY10 | VPY5/16 |
| VPY12 | VPY3/8 |
| | VPY1/2 |

VPG



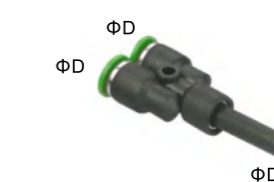
| Model (ΦD1-ΦD2) | | |
|-----------------|------------|--------------|
| Tube(Metric) | Tube(Inch) | |
| VPG06-04 | VPG16-12 | VPG3/16-5/32 |
| VPG08-04 | VPG16-14 | VPG1/4-5/32 |
| VPG08-06 | | VPG1/4-3/16 |
| VPG10-06 | | VPG5/16-1/4 |
| VPG10-08 | | VPG3/8-5/16 |
| VPG12-10 | | VPG1/2-3/8 |

VPLJ




| Model (ΦD) | |
|--------------|------------|
| Tube(Metric) | Tube(Inch) |
| VPLJ04 | VPLJ5/32 |
| VPLJ06 | VPLJ3/16 |
| VPLJ08 | VPLJ1/4 |
| VPLJ10 | VPLJ5/16 |
| VPLJ12 | VPLJ3/8 |
| | VPLJ1/2 |


VPYJ





| Model (ΦD) | |
|--------------|------------|
| Tube(Metric) | Tube(Inch) |
| VPYJ04 | VPYJ5/32 |
| VPYJ06 | VPYJ3/16 |
| VPYJ08 | VPYJ1/4 |
| VPYJ10 | VPYJ5/16 |
| VPYJ12 | VPYJ3/8 |
| | VPYJ1/2 |


One Touch-In Fitting


| VPSJ | Model (ΦD) | |
|---|--------------|--------------|
| | Tube(Metric) | Tube(Inch) |
|  | VPSJ06-04 | VPSJ1/4-5/32 |
| | VPSJ08-06 | VPSJ5/16-1/4 |
| | VPSJ10-08 | VPSJ3/8-5/16 |
| | VPSJ12-10 | VPSJ1/2-3/8 |


| VPTJ | Model (ΦD) | |
|--|--------------|--------------|
| | Tube(Metric) | Tube(Inch) |
|  | VPTJ06-04 | VPTJ1/4-5/32 |
| | VPTJ08-06 | VPTJ5/16-1/4 |
| | VPTJ10-08 | VPTJ3/8-5/16 |
| | VPTJ12-10 | VPTJ1/2-3/8 |


| VPIJ | Model (ΦD) | |
|---|--------------|------------|
| | Tube(Metric) | Tube(Inch) |
|  | VPIJ04 | VPIJ5/32 |
| | VPIJ06 | VPIJ3/16 |
| | VPIJ08 | VPIJ1/4 |
| | VPIJ10 | VPIJ5/16 |
| | VPIJ12 | VPIJ3/8 |
| | VPIJ16 | VPIJ1/2 |


| VPP | Model (ΦD) | |
|--|--------------|------------|
| | Tube(Metric) | Tube(Inch) |
|  | VPP04 | VPP5/32 |
| | VPP06 | VPP3/16 |
| | VPP08 | VPP1/4 |
| | VPP10 | VPP5/16 |
| | VPP12 | VPP3/8 |
| | VPP16 | VPP1/2 |


| VPKG | Model (ΦD1-ΦD2) | |
|---|-----------------|---------------|
| | Tube(Metric) | Tube(Inch) |
|  | VPKG06-04 | VPKG3/16-5/32 |
| | VPKG08-04 | VPKG1/4-5/32 |
| | VPKG08-06 | VPKG5/16-5/32 |
| | VPKG10-06 | VPKG5/16-3/16 |
| | VPKG10-08 | VPKG5/16-1/4 |
| | | VPKG3/8-1/4 |
| | | VPKG3/8-5/16 |

| VPIG | Model (ΦD1-ΦD2) | |
|--|-----------------|---------------|
| | Tube(Metric) | Tube(Inch) |
|  | VPIG06-04 | VPIG3/16-5/32 |
| | VPIG08-06 | VPIG1/4-5/32 |
| | VPIG10-08 | VPIG1/4-3/16 |
| | VPIG12-10 | VPIG5/16-1/4 |
| | VPIG16-12 | VPIG3/8-5/16 |
| | | VPIG1/2-3/8 |


| VPKD | Model(ΦD1-ΦD2-T) | |
|---|------------------|-----------|
| | Tube(Metric) | Thread(R) |
|  | VPKD06-04-01 | |
| | VPKD08-04-02 | |
| | VPKD08-06-02 | |
| | VPKD10-08-03 | |


| VPZA | Model (ΦD) | |
|---|--------------|------------|
| | Tube(Metric) | Tube(Inch) |
|  | VPZA 04 | VPZA 5/32 |
| | VPZA 06 | VPZA3/16 |
| | VPZA 08 | VPZA1/4 |
| | VPZA 10 | VPZA5/16 |
| | VPZA 12 | VPZA3/8 |
| | | VPZA1/2 |


| VPKB | Model (ΦD-T) | |
|---|--------------|-----------|
| | Tube(Metric) | Thread(R) |
|  | VPKB04-01 | |
| | VPKB04-02 | |
| | VPKB06-01 | |
| | VPKB06-02 | |
| | VPKB06-03 | |


| VPK | Model (ΦD) | |
|---|--------------|------------|
| | Tube(Metric) | Tube(Inch) |
|  | VPK 04 | VPK5/32 |
| | VPK 06 | VPK3/16 |
| | VPK 08 | VPK1/4 |
| | | VPK5/16 |


One Touch-In Fitting With O-Ring


| VPC-G | Model (ΦD-T) | | |
|---|--------------|-----------|-----------|
| | Tube(Metric) | Thread(G) | |
|  | VPC04-G01 | VPC08-G02 | VPC12-G02 |
| | VPC04-G02 | VPC08-G03 | VPC12-G03 |
| | VPC06-G01 | VPC08-G04 | VPC12-G04 |
| | VPC06-G02 | VPC10-G01 | VPC14-G03 |
| | VPC06-G03 | VPC10-G02 | VPC14-G04 |
| | VPC06-G04 | VPC10-G03 | VPC16-G03 |
| | VPC08-G01 | VPC10-G04 | VPC16-G04 |


| VPL-G | Model (ΦD-T) | | |
|---|--------------|-----------|-----------|
| | Tube(Metric) | Thread(G) | |
|  | VPL04-G01 | VPL08-G02 | VPL12-G02 |
| | VPL04-G02 | VPL08-G03 | VPL12-G03 |
| | VPL06-G01 | VPL08-G04 | VPL12-G04 |
| | VPL06-G02 | VPL10-G01 | VPL14-G03 |
| | VPL06-G03 | VPL10-G02 | VPL14-G04 |
| | VPL06-G04 | VPL10-G03 | VPL16-G03 |
| | VPL08-G01 | VPL10-G04 | VPL16-G04 |


| VPCF-G | Model (ΦD-T) | | |
|---|--------------|------------|------------|
| | Tube(Metric) | Thread(G) | |
|  | VPCF04-G01 | VPCF08-G03 | VPCF12-G03 |
| | VPCF04-G02 | VPCF08-G04 | VPCF12-G04 |
| | VPCF06-G01 | VPCF10-G01 | VPCF14-G03 |
| | VPCF06-G02 | VPCF10-G02 | VPCF14-G04 |
| | VPCF06-G03 | VPCF10-G03 | VPCF16-G03 |
| | VPCF08-G01 | VPCF10-G04 | VPCF16-G04 |
| | VPCF08-G02 | VPCF12-G02 | |


| VPLF-G | Model (ΦD-T) | | |
|---|--------------|------------|------------|
| | Tube(Metric) | Thread(G) | |
|  | VPLF04-G01 | VPLF08-G03 | VPLF12-G03 |
| | VPLF04-G02 | VPLF08-G04 | VPLF12-G04 |
| | VPLF06-G01 | VPLF10-G01 | VPLF14-G03 |
| | VPLF06-G02 | VPLF10-G02 | VPLF14-G04 |
| | VPLF06-G03 | VPLF10-G03 | VPLF16-G03 |
| | VPLF08-G01 | VPLF10-G04 | VPLF16-G04 |
| | VPLF08-G02 | VPLF12-G02 | |


| VPOC-G | Model (ΦD-T) | | |
|---|--------------|------------|------------|
| | Tube(Metric) | Thread(G) | |
|  | VPOC04-G01 | VPOC08-G02 | VPOC12-G02 |
| | VPOC04-G02 | VPOC08-G03 | VPOC12-G03 |
| | VPOC06-G01 | VPOC08-G04 | VPOC12-G04 |
| | VPOC06-G02 | VPOC10-G01 | VPOC14-G04 |
| | VPOC06-G03 | VPOC10-G02 | VPOC16-G03 |
| | VPOC06-G04 | VPOC10-G03 | VPOC16-G04 |
| | VPOC08-G01 | VPOC10-G04 | |

| VPLL-G | Model (ΦD-T) | | |
|---|--------------|------------|------------|
| | Tube(Metric) | Thread(G) | |
|  | VPLL04-G01 | VPLL08-G02 | VPLL12-G02 |
| | VPLL04-G02 | VPLL08-G03 | VPLL12-G03 |
| | VPLL06-G01 | VPLL08-G04 | VPLL12-G04 |
| | VPLL06-G02 | VPLL10-G01 | VPLL14-G04 |
| | VPLL06-G03 | VPLL10-G02 | VPLL16-G03 |
| | VPLL06-G04 | VPLL10-G03 | VPLL16-G04 |
| | VPLL08-G01 | VPLL10-G04 | |

| VPMF-G | Model (ΦD-T) | | |
|---|--------------|------------|------------|
| | Tube(Metric) | Thread(G) | |
|  | VPMF04-G01 | VPMF08-G02 | VPMF12-G02 |
| | VPMF04-G02 | VPMF08-G03 | VPMF12-G03 |
| | VPMF06-G01 | VPMF08-G04 | VPMF12-G04 |
| | VPMF06-G02 | VPMF10-G01 | VPMF14-G03 |
| | VPMF06-G03 | VPMF10-G02 | VPMF14-G04 |
| | VPMF06-G04 | VPMF10-G03 | VPMF16-G03 |
| | VPMF08-G01 | VPMF10-G04 | VPMF16-G04 |

| VPBF-G | Model (ΦD-T) | | |
|---|--------------|------------|------------|
| | Tube(Metric) | Thread(G) | |
|  | VPBF 04-G01 | VPBF08-G02 | VPBF12-G02 |
| | VPBF 04-G02 | VPBF08-G03 | VPBF12-G03 |
| | VPBF 06-G01 | VPBF08-G04 | VPBF12-G04 |
| | VPBF 06-G02 | VPBF10-G01 | VPBF14-G03 |
| | VPBF 06-G03 | VPBF10-G02 | VPBF14-G04 |
| | VPBF 06-G04 | VPBF10-G03 | VPBF16-G03 |
| | VPBF 08-G01 | VPBF10-G04 | VPBF16-G04 |

| VPD-G | Model (ΦD-T) | | |
|---|--------------|------------|------------|
| | Tube(Metric) | Thread(G) | |
|  | VPD 04-G01 | VPD 08-G02 | VPD 12-G02 |
| | VPD 04-G02 | VPD 08-G03 | VPD 12-G03 |
| | VPD 06-G01 | VPD 08-G04 | VPD 12-G04 |
| | VPD 06-G02 | VPD 10-G01 | VPD 14-G03 |
| | VPD 06-G03 | VPD 10-G02 | VPD 14-G04 |
| | VPD 06-G04 | VPD 10-G03 | VPD 16-G03 |
| | VPD 08-G01 | VPD 10-G04 | VPD 16-G04 |

| VPB-G | Model (ΦD-T) | | |
|---|--------------|------------|------------|
| | Tube(Metric) | Thread(G) | |
|  | VPB 04-G01 | VPB 08-G02 | VPB 12-G02 |
| | VPB 04-G02 | VPB 08-G03 | VPB 12-G03 |
| | VPB 06-G01 | VPB 08-G04 | VPB 12-G04 |
| | VPB 06-G02 | VPB 10-G01 | VPB 14-G03 |
| | VPB 06-G03 | VPB 10-G02 | VPB 14-G04 |
| | VPB 06-G04 | VPB 10-G03 | VPB 16-G03 |
| | VPB 08-G01 | VPB 10-G04 | VPB 16-G04 |

One Touch-In Fitting With O-Ring

VPWT-G



| Model (ΦD-T) | |
|------------------------|-------------|
| Tube(Metric)-Thread(G) | |
| VPWT 04-G01 | VPWT 10-G01 |
| VPWT 04-G02 | VPWT 10-G02 |
| VPWT 06-G01 | VPWT 10-G03 |
| VPWT 06-G02 | VPWT 10-G04 |
| VPWT 06-G03 | VPWT 12-G02 |
| VPWT 06-G04 | VPWT 12-G03 |
| VPWT 08-G01 | VPWT 12-G04 |
| VPWT 08-G02 | |
| VPWT 08-G03 | |
| VPWT 08-G04 | |

VPHF-G



| Model (ΦD-T) | |
|------------------------|-------------|
| Tube(Metric)-Thread(G) | |
| VPHF 04-G01 | VPHF 08-G03 |
| VPHF 06-G01 | VPHF 10-G02 |
| VPHF 06-G02 | VPHF 10-G03 |
| VPHF 08-G01 | VPHF 12-G03 |
| VPHF 08-G02 | VPHF 12-G04 |

VPH-G



| Model(ΦD-T) | |
|------------------------|------------|
| Tube(Metric)-Thread(G) | |
| VPH 04-G01 | VPH 08-G03 |
| VPH 06-G01 | VPH 10-G02 |
| VPH 06-G02 | VPH 10-G03 |
| VPH 08-G01 | VPH 12-G03 |
| VPH 08-G02 | VPH 12-G04 |

VPKB-G



| Model (ΦD-T) | |
|------------------------|--|
| Tube(Metric)-Thread(G) | |
| VPKB 06-G01 | |
| VPKB 06-G02 | |
| VPKB 06-G03 | |
| VPKB 08-G01 | |
| VPKB 08-G02 | |
| VPKB 08-G03 | |

VPKD-G



| Model (ΦD1-ΦD2-T) | |
|------------------------|--|
| Tube(Metric)-Thread(G) | |
| VPKD 06-04-G01 | |
| VPKD 08-04-G02 | |
| VPKD 08-06-G02 | |
| VPKD 10-08-G03 | |

Speed Control Valve

VSC



| Model (ΦD-T) | | | | |
|------------------------|----------|--------------------------|----------------------------|---------------|
| Tube(Metric)-Thread(R) | | Tube (Inch) - Thread (R) | Tube (Inch) - Thread (NPT) | |
| VSC04-M5 | VSC08-03 | VSC1/4-M5 | VSC5/32-5/32"N | VSC5/16-1/8"N |
| VSC04-01 | VSC08-04 | VSC1/4-01 | VSC5/32-1/8"N | VSC5/16-1/4"N |
| VSC04-02 | VSC10-01 | VSC1/4-02 | VSC3/16-3/16"N | VSC5/16-3/8"N |
| VSC06-M5 | VSC10-02 | VSC5/16-01 | VSC3/16-1/8"N | VSC5/16-1/2"N |
| VSC06-01 | VSC10-03 | VSC5/16-02 | VSC3/16-1/4"N | VSC3/8-1/4"N |
| VSC06-02 | VSC10-04 | VSC5/16-03 | VSC3/16-3/8"N | VSC3/8-3/8"N |
| VSC06-03 | VSC12-02 | VSC3/8-02 | VSC1/4-1/8"N | VSC3/8-1/2"N |
| VSC06-04 | VSC12-03 | VSC3/8-03 | VSC1/4-1/4"N | VSC1/2-3/8"N |
| VSC08-01 | VSC12-04 | | VSC1/4-3/8"N | VSC1/2-1/2"N |
| VSC08-02 | | | VSC1/4-1/2"N | |

VSC-G



| Model (ΦD-T) | |
|------------------------|------------|
| Tube(Metric)-Thread(R) | |
| VSC 04-G01 | VSC 08-G04 |
| VSC 04-G02 | VSC 10-G01 |
| VSC 06-G01 | VSC 10-G02 |
| VSC 06-G02 | VSC 10-G03 |
| VSC 06-G03 | VSC 10-G04 |
| VSC 06-G04 | VSC 12-G02 |
| VSC 08-G01 | VSC 12-G03 |
| VSC 08-G02 | VSC 12-G04 |
| VSC 08-G03 | |

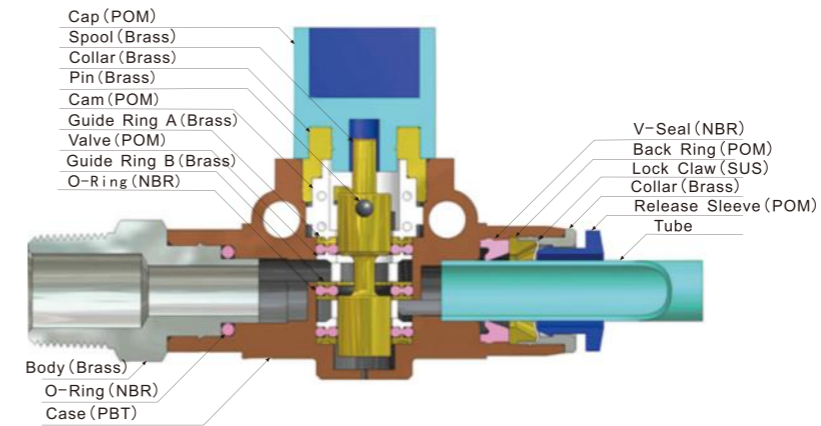
VPA



| Model (ΦD) | |
|--------------|------------|
| Tube(Metric) | Tube(Inch) |
| VPA 04 | VPA 5/32 |
| VPA 06 | VPA 3/16 |
| VPA 08 | VPA 1/4 |
| VPA 10 | VPA 5/16 |
| VPA 12 | VPA 3/8 |
| | VPA 1/2 |

Hand Valve

Internal Structure



- * The source of pressure can be completely shut off by simply turning the knob.
- * Three-way directional control configuration releases the residual internal pressure on the output side when manually closed.
- * Ideal for inspecting or repairing any devices without compromising the safety.

Specifications

| | |
|---------------------|----------|
| Working Medium | Air |
| Working Pressure | 0~1.0Mpa |
| Max Pressure | 1.2Mpa |
| Working Temperature | 0~60°C |
| Material | Nylon,PU |

Ordering Code Hand Valve

V H V S F 0 6 - 0 2

Series Code Entrance Exit

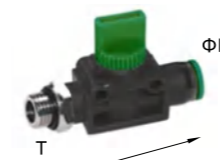
VHVSF: Air Goes From Thread and Exits Through Tube-Tapered
 VHVFS: Air Goes From Tube and Exits Through Thread-Tapered
 VHVFF: Air Goes From Tube and Exits Through Tube
 VHVSS: Air Goes From Thread and Exits Through Thread-Tapered

VHVSS-G



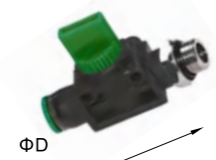
| Model (T1-T2) | |
|---------------------|---------------|
| Thread(G)-Thread(G) | |
| VHVSS G01-G01 | VHVSS G04-G03 |
| VHVSS G02-G01 | VHVSS G04-G04 |
| VHVSS G02-G02 | |
| VHVSS G03-G02 | |
| VHVSS G03-G03 | |

VHVSF-G



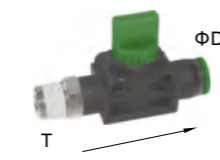
| Model (ΦD-T) | |
|-------------------------|-------------|
| Tube(Metric)- Thread(G) | |
| VHVSF06-G01 | VHVSF10-G02 |
| VHVSF06-G02 | VHVSF10-G03 |
| VHVSF06-G03 | VHVSF10-G04 |
| VHVSF08-G01 | VHVSF12-G02 |
| VHVSF08-G02 | VHVSF12-G03 |
| VHVSF08-G03 | VHVSF12-G04 |

VHVFS-G



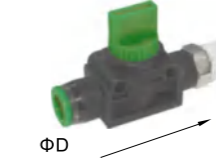
| Model (T-ΦD) | |
|-------------------------|-------------|
| Thread(G)- Tube(Metric) | |
| VHVFSG01-06 | VHVFSG02-10 |
| VHVFSG02-06 | VHVFSG03-10 |
| VHVFSG03-06 | VHVFSG04-10 |
| VHVFSG01-08 | VHVFSG02-12 |
| VHVFSG02-08 | VHVFSG03-12 |
| VHVFSG03-08 | VHVFSG04-12 |

VHVSF



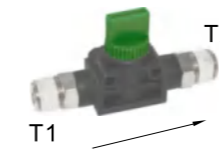
| Model (ΦD-T) | |
|-------------------------|------------|
| Tube(Metric)- Thread(R) | |
| VHVSF06-01 | VHVSF10-02 |
| VHVSF06-02 | VHVSF10-03 |
| VHVSF06-03 | VHVSF10-04 |
| VHVSF08-01 | VHVSF12-02 |
| VHVSF08-02 | VHVSF12-03 |
| VHVSF08-03 | VHVSF12-04 |

VHVFS



| Model (T-ΦD) | |
|-------------------------|------------|
| Thread(R)- Tube(Metric) | |
| VHVFS01-06 | VHVFS02-10 |
| VHVFS02-06 | VHVFS03-10 |
| VHVFS03-06 | VHVFS04-10 |
| VHVFS01-08 | VHVFS02-12 |
| VHVFS02-08 | VHVFS03-12 |
| VHVFS03-08 | VHVFS04-12 |

VHVSS



| Model (T1-T2) | |
|---------------------|-------------|
| Thread(R)-Thread(R) | |
| VHVSS 01-01 | VHVSS 04-03 |
| VHVSS 02-01 | VHVSS 04-04 |
| VHVSS 02-02 | |
| VHVSS 03-02 | |
| VHVSS 03-03 | |

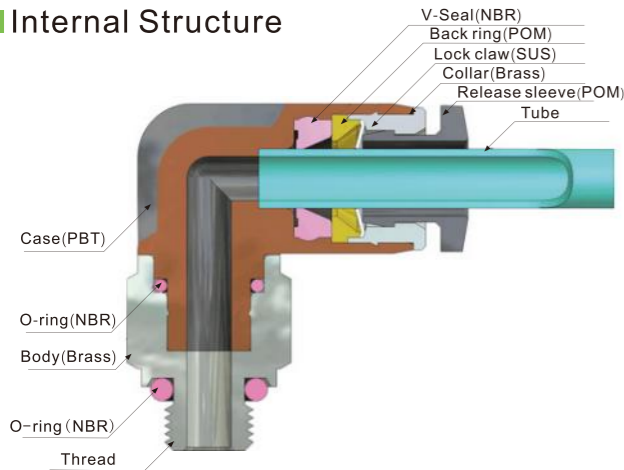
VHVFF



| Model (ΦD1-ΦD2) | |
|---------------------------|-------------|
| Tube(Metric)-Tube(Metric) | |
| VHVFF 06-06 | VHVFF 12-10 |
| VHVFF 08-06 | VHVFF 12-12 |
| VHVFF 08-08 | |
| VHVFF 10-08 | |
| VHVFF 10-10 | |

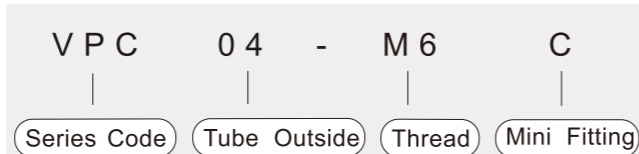
Mini Type One Touch-In Fitting

Internal Structure



* Ideal for pneumatic connections specifically for small and compact equipments.
 * Nickel-plated metallic standardized feature for all applicable compact fittings.

Ordering Code



Tube Outside

| | Tube(Metric) | | |
|------------------|--------------|----|----|
| Code | 03 | 04 | 06 |
| Tube Outside(mm) | Φ3 | Φ4 | Φ6 |

Thread

| | Thread(Metric) | | | Thread(R) |
|--------|----------------|--------|--------|-----------|
| Code | M3 | M5 | M6 | 01 |
| Thread | M3x0.5 | M5x0.8 | M6x1.0 | R1/8 |

| VPC-C | Model(ΦD-T) | | |
|-------|--------------|-----------|-----------|
| ΦD | Tube(Metric) | | |
| | VPC03-M3C | VPC04-M3C | VPC06-M5C |
| | VPC03-M5C | VPC04-M5C | VPC06-M6C |
| | VPC03-M6C | VPC04-M6C | VPC06-01C |
| | VPC03-01C | VPC04-01C | |

| VPL-C | Model(ΦD-T) | | |
|-------|--------------|-----------|-----------|
| | Tube(Metric) | | |
| | VPL03-M3C | VPL04-M3C | VPL06-M5C |
| | VPL03-M5C | VPL04-M5C | VPL06-M6C |
| | VPL03-M6C | VPL04-M6C | VPL06-01C |
| | | VPL04-01C | |

| VPB-C | Model(ΦD-T) | | |
|-------|--------------|-----------|-----------|
| | Tube(Metric) | | |
| | VPB03-M3C | VPB04-M3C | VPB06-M5C |
| | VPB03-M5C | VPB04-M5C | VPB06-M6C |
| | VPB03-M6C | VPB04-M6C | VPB06-01C |
| | | VPB04-01C | |

| VPD-C | Model(ΦD-T) | | |
|-------|--------------|-----------|-----------|
| | Tube(Metric) | | |
| | VPD03-M3C | VPD04-M3C | VPD06-M5C |
| | VPD03-M5C | VPD04-M5C | VPD06-M6C |
| | VPD03-M6C | VPD04-M6C | VPD06-01C |
| | | VPD04-01C | |

| VPCF-C | Model(ΦD-T) | | |
|--------|--------------|------------|------------|
| | Tube(Metric) | | |
| | VPCF03-M3C | VPCF04-M3C | VPCF06-M5C |
| | VPCF03-M5C | VPCF04-M5C | VPCF06-M6C |
| | VPCF03-M6C | VPCF04-M6C | VPCF06-01C |
| | | VPCF04-01C | |

| VPOC-C | Model(ΦD-T) | | |
|--------|--------------|------------|------------|
| | Tube(Metric) | | |
| | VPOC03-M3C | VPOC04-M3C | VPOC06-M5C |
| | VPOC03-M5C | VPOC04-M5C | VPOC06-M6C |
| | VPOC03-M6C | VPOC04-M6C | VPOC06-01C |
| | | VPOC04-01C | |

| VPU-C | Model(ΦD) |
|-------|--------------|
| | Tube(Metric) |
| | VPU03C |
| | VPU04C |
| | VPU06C |

| VPV-C | Model(ΦD) |
|-------|--------------|
| | Tube(Metric) |
| | VPV03C |
| | VPV04C |
| | VPV06C |

| VPE-C | Model(ΦD) |
|-------|--------------|
| | Tube(Metric) |
| | VPE03C |
| | VPE04C |
| | VPE06C |

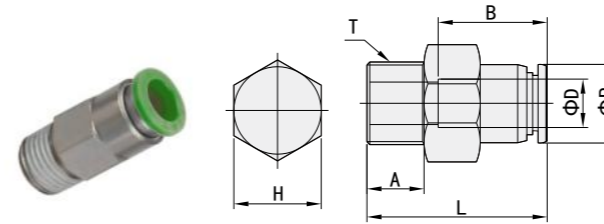
| VPG-C | ΦD1-ΦD2 |
|-------|--------------|
| | Tube(Metric) |
| | VPG04-03C |
| | VPG06-03C |
| | VPG06-04C |

| VPY-C | Model(ΦD) |
|-------|--------------|
| | Tube(Metric) |
| | VPY03C |
| | VPY04C |
| | VPY06C |

| VPW-C | ΦD1-ΦD2 |
|-------|--------------|
| | Tube(Metric) |
| | VPW04-03C |
| | VPW06-03C |
| | VPW06-04C |

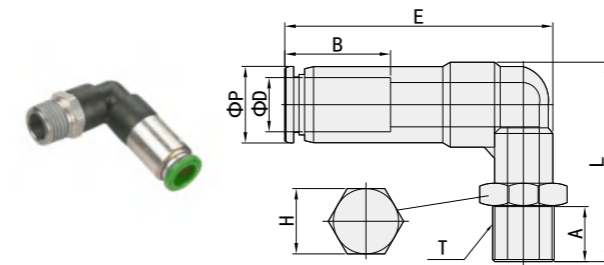
Stop Fitting

VSPC



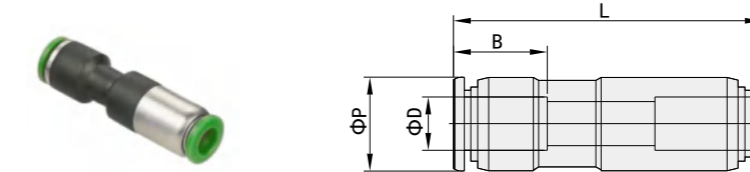
| Model | ΦD | ΦP | T | L | A | B | H |
|-----------|----|------|------|------|----|------|----|
| VSPC4-01 | 4 | 10 | R1/8 | 26.1 | 8 | 15.3 | 10 |
| VSPC6-01 | 6 | 12 | R1/8 | 23.3 | 8 | 17.0 | 12 |
| VSPC6-02 | 6 | 12 | R1/4 | 23.3 | 10 | 17.0 | 14 |
| VSPC8-02 | 8 | 14 | R1/4 | 33.3 | 10 | 18.6 | 14 |
| VSPC8-03 | 8 | 14 | R3/8 | 33.3 | 11 | 18.6 | 17 |
| VSPC10-02 | 10 | 17 | R1/4 | 35.6 | 10 | 20.3 | 17 |
| VSPC10-03 | 10 | 17 | R3/8 | 35.6 | 11 | 20.3 | 17 |
| VSPC10-04 | 10 | 17 | R1/2 | 35.6 | 14 | 20.3 | 21 |
| VSPC12-02 | 12 | 18.8 | R1/4 | 41.9 | 10 | 22.7 | 19 |
| VSPC12-03 | 12 | 18.8 | R3/8 | 41.9 | 11 | 22.7 | 19 |
| VSPC12-04 | 12 | 18.8 | R1/2 | 41.9 | 14 | 22.7 | 21 |

VSPL



| Model | ΦD | ΦP | T | L | A | B | H |
|-----------|----|------|---------|------|------|------|----|
| VSPL4-M5 | 4 | 10 | M5x0.8P | 34.5 | 4.6 | 15.3 | 10 |
| VSPL4-M6 | 4 | 10 | M6x1.0P | 34.5 | 4.1 | 15.3 | 10 |
| VSPL4-01 | 4 | 10 | R1/8 | 34.5 | 8.0 | 15.3 | 10 |
| VSPL6-M5 | 6 | 12 | M5x0.8P | 38.9 | 4.6 | 17.0 | 12 |
| VSPL6-01 | 6 | 12 | R1/8 | 38.9 | 8.0 | 17.0 | 12 |
| VSPL6-02 | 6 | 12 | R1/4 | 38.9 | 10.0 | 17.0 | 14 |
| VSPL8-01 | 8 | 14 | R1/8 | 48.6 | 8.0 | 18.6 | 14 |
| VSPL8-02 | 8 | 14 | R1/4 | 48.6 | 10.0 | 18.6 | 14 |
| VSPL10-02 | 10 | 17 | R1/4 | 55.0 | 10.0 | 20.3 | 17 |
| VSPL10-03 | 10 | 17 | R3/8 | 55.0 | 11.0 | 20.3 | 17 |
| VSPL10-04 | 10 | 17 | R1/2 | 55.0 | 14.0 | 20.3 | 21 |
| VSPL12-03 | 12 | 18.8 | R3/8 | 63.7 | 11.0 | 22.7 | 19 |
| VSPL12-04 | 12 | 18.8 | R1/2 | 63.7 | 14.0 | 22.7 | 21 |

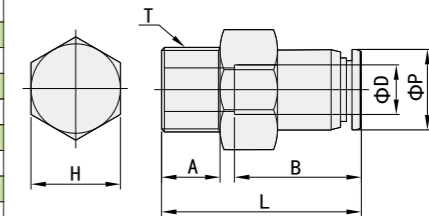
VSPU



| Model | ΦD | ΦP | L | B |
|--------|----|------|------|------|
| VSPU04 | 4 | 10.5 | 42.5 | 15.7 |
| VSPU06 | 6 | 12.5 | 46.0 | 17.0 |
| VSPU08 | 8 | 14.8 | 53.7 | 19.1 |
| VSPU10 | 10 | 17.5 | 58.2 | 20.2 |
| VSPU12 | 12 | 20.5 | 67.1 | 22.7 |

Check Valve

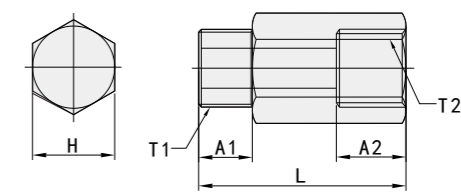
| Model | ΦD | ΦP | T | L | A | B | H |
|------------|----|------|---------|------|------|------|----|
| VCVPC4-M5 | 4 | 10 | M5x0.8P | 31.4 | 3.6 | 15.3 | 10 |
| VCVPC4-M6 | 4 | 10 | M6x1.0P | 30.4 | 4.6 | 15.3 | 10 |
| VCVPC4-01 | 4 | 10 | R1/8 | 27.3 | 8.0 | 15.3 | 10 |
| VCVPC6-01 | 6 | 11.9 | R1/8 | 32.6 | 8.0 | 16.3 | 12 |
| VCVPC6-02 | 6 | 11.9 | R1/4 | 32.6 | 10.0 | 16.3 | 12 |
| VCVPC8-01 | 8 | 14 | R1/8 | 34.9 | 8.0 | 18.3 | 14 |
| VCVPC8-02 | 8 | 14 | R1/4 | 37.2 | 10.0 | 18.3 | 14 |
| VCVPC10-03 | 10 | 23 | R3/8 | 56.3 | 11.0 | 20.3 | 22 |
| VCVPC10-04 | 10 | 23 | R1/2 | 58.3 | 14.0 | 20.3 | 22 |
| VCVPC12-03 | 12 | 25 | R3/8 | 62.3 | 12.0 | 20.3 | 24 |
| VCVPC12-04 | 12 | 25 | R1/2 | 65.3 | 14.0 | 20.3 | 24 |



VCVPC



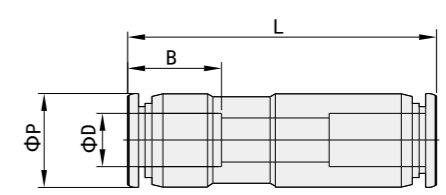
| Model | T1 | T2 | L | A1 | A2 | H |
|------------|------|------|------|----|----|----|
| VCVPF01-01 | R1/8 | R1/8 | 28.1 | 8 | 8 | 12 |
| VCVPF02-02 | R1/4 | R1/4 | 34.1 | 11 | 11 | 17 |
| VCVPF03-03 | R3/8 | R3/8 | 53.8 | 12 | 12 | 22 |
| VCVPF04-04 | R1/2 | R1/2 | 60.0 | 14 | 14 | 24 |



VCVPF



| Model | ΦD | ΦP | L | B |
|---------|----|------|------|------|
| VCVPU04 | 4 | 10.5 | 42.3 | 15.7 |
| VCVPU06 | 6 | 12.5 | 47.5 | 17.0 |
| VCVPU08 | 8 | 14.8 | 56.4 | 19.1 |
| VCVPU10 | 10 | 23.0 | 65.2 | 20.5 |
| VCVPU12 | 12 | 25.0 | 73.0 | 23.3 |

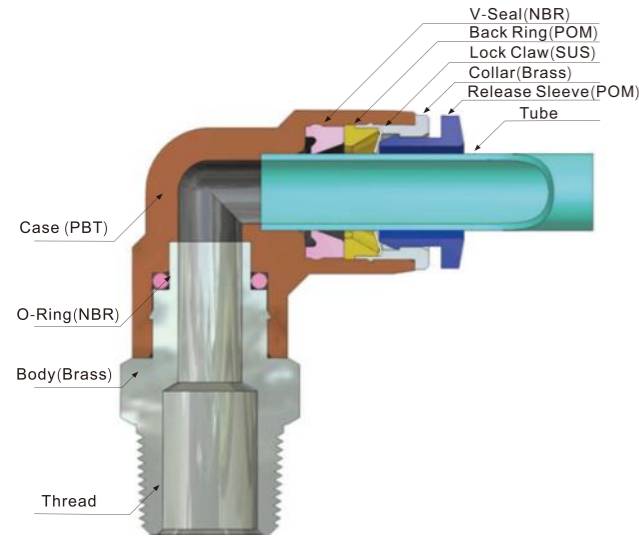


VCVPU



KQ Series One Touch-in Fitting

Internal Structure



Specifications

| | |
|------------------------|---------------------------|
| Working Medium | Air, Vacuum, Water |
| Working Pressure Range | 0~1.0Mpa |
| Guaranteed Pressure | 3Mpa |
| Vacuum Pressure | -100kPa |
| Working Temperature | Air:0~60°C Water:0~40°C |
| Tube Material | Nylon, PU Tube |
| OD of Tube | Φ4, Φ6, Φ8, Φ10, Φ12, Φ16 |

Ordering Code KQ Series Fitting

Ordering Code: **KQ** - **2** - **H** - **06** - **01** - **S**

- KQ**: Series Code (KQ Series Fitting)
- 2**: Color
- H**: Model
- 06**: Tube Outside (04:4mm, 06:6mm, 08:8mm, 10:10mm, 12:12mm, 16:16mm)
- 01**: Thread (M5:M5, M6:M6, 01:R1/8, 02:R1/4, 03:R3/8, 04:R1/2, 00:Equal OD, 04:4mm Reducer OD, 06:6mm Reducer OD, 08:8mm Reducer OD, 10:10mm Reducer OD, 12:12mm Reducer OD, 16:16mm Reducer OD, 99:Equal OD)
- S**: Blank: Without thread glue, S: With thread glue

| KQ2H | Model (ΦD-T) | |
|------|------------------------|-------------|
| | Tube(Metric)-Thread(R) | |
| | KQ2H 04-M5 | KQ2H 08-02S |
| | KQ2H 04-M6 | KQ2H 08-03S |
| | KQ2H 04-01S | KQ2H 08-04S |
| | KQ2H 04-02S | KQ2H 10-01S |
| | KQ2H 06-M5 | KQ2H 10-02S |
| | KQ2H 06-M6 | KQ2H 10-03S |
| | KQ2H 06-01S | KQ2H 10-04S |
| | KQ2H 06-02S | KQ2H 12-02S |
| | KQ2H 06-03S | KQ2H 12-03S |
| | KQ2H 06-04S | KQ2H 12-04S |
| | KQ2H 08-01S | |

| KQ2L | Model (ΦD-T) | |
|------|------------------------|-------------|
| | Tube(Metric)-Thread(R) | |
| | KQ2L 04-M5 | KQ2L 08-02S |
| | KQ2L 04-M6 | KQ2L 08-03S |
| | KQ2L 04-01S | KQ2L 08-04S |
| | KQ2L 04-02S | KQ2L 10-01S |
| | KQ2L 06-M5 | KQ2L 10-02S |
| | KQ2L 06-M6 | KQ2L 10-03S |
| | KQ2L 06-01S | KQ2L 10-04S |
| | KQ2L 06-02S | KQ2L 12-02S |
| | KQ2L 06-03S | KQ2L 12-03S |
| | KQ2L 06-04S | KQ2L 12-04S |
| | KQ2L 08-01S | |

KQ Series One Touch-in Fitting

| KQ2S | Model (ΦD-T) | |
|------|------------------------|-------------|
| | Tube(Metric)-Thread(R) | |
| | KQ2S 04-M5 | KQ2S 08-02S |
| | KQ2S 04-M6 | KQ2S 08-03S |
| | KQ2S 04-01S | KQ2S 08-04S |
| | KQ2S 04-02S | KQ2S 10-01S |
| | KQ2S 06-M5 | KQ2S 10-02S |
| | KQ2S 06-M6 | KQ2S 10-03S |
| | KQ2S 06-01S | KQ2S 10-04S |
| | KQ2S 06-02S | KQ2S 12-02S |
| | KQ2S 06-03S | KQ2S 12-03S |
| | KQ2S 06-04S | KQ2S 12-04S |
| | KQ2S 08-01S | |

| KQ2U | Model (ΦD-T) | |
|------|------------------------|-------------|
| | Tube(Metric)-Thread(R) | |
| | KQ2S 04-M5 | KQ2S 08-02S |
| | KQ2S 04-01S | KQ2S 08-03S |
| | KQ2S 04-02S | KQ2S 08-04S |
| | KQ2S 04-03S | KQ2S 10-01S |
| | KQ2S 06-M5 | KQ2S 10-02S |
| | KQ2S 06-01S | KQ2S 10-03S |
| | KQ2S 06-02S | KQ2S 10-04S |
| | KQ2S 06-03S | KQ2S 12-02S |
| | KQ2S 06-04S | KQ2S 12-03S |
| | KQ2S 08-01S | KQ2S 12-04S |

| KQ2W | Model (ΦD-T) | |
|------|------------------------|-------------|
| | Tube(Metric)-Thread(R) | |
| | KQ2W 04-M5 | KQ2W 08-03S |
| | KQ2W 04-01S | KQ2W 10-01S |
| | KQ2W 04-02S | KQ2W 10-02S |
| | KQ2W 06-01S | KQ2W 10-03S |
| | KQ2W 06-02S | KQ2W 10-04S |
| | KQ2W 06-03S | KQ2W 12-01S |
| | KQ2W 08-01S | KQ2W 12-02S |
| | KQ2W 08-02S | KQ2W 12-03S |

| KQ2E | Model (ΦD-T) | |
|------|------------------------|-------------|
| | Tube(Metric)-Thread(R) | |
| | KQ2E 04-01S | KQ2E 10-01S |
| | KQ2E 04-02S | KQ2E 10-02S |
| | KQ2E 06-01S | KQ2E 10-03S |
| | KQ2E 06-02S | KQ2E 10-04S |
| | KQ2E 06-03S | KQ2E 12-02S |
| | KQ2E 08-01S | KQ2E 12-03S |
| | KQ2E 08-02S | KQ2E 12-04S |
| | KQ2E 08-03S | |

| KQ2V | Model (ΦD-T) | |
|------|------------------------|-------------|
| | Tube(Metric)-Thread(R) | |
| | KQ2V 04-M5 | KQ2V 08-01S |
| | KQ2V 04-01S | KQ2V 08-02S |
| | KQ2V 04-02S | KQ2V 08-03S |
| | KQ2V 06-M5 | KQ2V 10-02S |
| | KQ2V 06-01S | KQ2V 10-03S |
| | KQ2V 06-02S | KQ2V 12-03S |
| | | KQ2V 12-04S |

| KQ2T | Model (ΦD-T) | |
|------|------------------------|-------------|
| | Tube(Metric)-Thread(R) | |
| | KQ2T 04-M5 | KQ2T 08-02S |
| | KQ2T 04-M6 | KQ2T 08-03S |
| | KQ2T 04-01S | KQ2T 08-04S |
| | KQ2T 04-02S | KQ2T 10-01S |
| | KQ2T 06-M5 | KQ2T 10-02S |
| | KQ2T 06-M6 | KQ2T 10-03S |
| | KQ2T 06-01S | KQ2T 10-04S |
| | KQ2T 06-02S | KQ2T 12-02S |
| | KQ2T 06-03S | KQ2T 12-03S |
| | KQ2T 06-04S | KQ2T 12-04S |
| | KQ2T 08-01S | |


| KQ2Y | Model (ΦD-T) | |
|------|------------------------|-------------|
| | Tube(Metric)-Thread(R) | |
| | KQ2Y 04-M5 | KQ2Y 08-02S |
| | KQ2Y 04-01S | KQ2Y 08-03S |
| | KQ2Y 04-02S | KQ2Y 08-04S |
| | KQ2Y 04-03S | KQ2Y 10-01S |
| | KQ2Y 06-M5 | KQ2Y 10-02S |
| | KQ2Y 06-01S | KQ2Y 10-03S |
| | KQ2Y 06-02S | KQ2Y 10-04S |
| | KQ2Y 06-03S | KQ2Y 12-02S |
| | KQ2Y 06-04S | KQ2Y 12-03S |
| | KQ2Y 08-01S | KQ2Y 12-04S |


| KQ2LF | Model (ΦD-T) | |
|-------|------------------------|--------------|
| | Tube(Metric)-Thread(R) | |
| | KQ2LF 04-M5 | KQ2LF 08-03S |
| | KQ2LF 04-01S | KQ2LF 10-01S |
| | KQ2LF 04-02S | KQ2LF 10-02S |
| | KQ2LF 06-01S | KQ2LF 10-03S |
| | KQ2LF 06-02S | KQ2LF 10-04S |
| | KQ2LF 06-03S | KQ2LF 12-01S |
| | KQ2LF 08-01S | KQ2LF 12-02S |
| | KQ2LF 08-02S | KQ2LF 12-03S |


| KQ2F | Model (ΦD-T) | |
|------|------------------------|-------------|
| | Tube(Metric)-Thread(R) | |
| | KQ2F 04-01S | KQ2F 10-01S |
| | KQ2F 04-02S | KQ2F 10-02S |
| | KQ2F 06-01S | KQ2F 10-03S |
| | KQ2F 06-02S | KQ2F 10-04S |
| | KQ2F 06-03S | KQ2F 12-02S |
| | KQ2F 08-01S | KQ2F 12-03S |
| | KQ2F 08-02S | KQ2F 12-04S |
| | KQ2F 08-03S | |


| KQ2VS | Model (ΦD-T) | |
|-------|------------------------|--------------|
| | Tube(Metric)-Thread(R) | |
| | KQ2VS 04-M5 | KQ2VS 08-01S |
| | KQ2VS 04-01S | KQ2VS 08-02S |
| | KQ2VS 04-02S | KQ2VS 08-03S |
| | KQ2VS 06-M5 | KQ2VS 10-02S |
| | KQ2VS 06-01S | KQ2VS 10-03S |
| | KQ2VS 06-02S | KQ2VS 12-03S |
| | | KQ2VS 12-04S |


KQ Series One Touch-in Fitting


|  | Model (ΦD) | |
|---|---------------------------|------------|
| | Tube(Metric)-Tube(Metric) | |
| | KQ2E 04-00 | KQ2E 10-00 |
| | KQ2E 06-00 | KQ2E 12-00 |
| | KQ2E 08-00 | |


|  | Model (ΦD) | |
|---|---------------------------|-------------|
| | Tube(Metric)-Tube(Metric) | |
| | KQ2LE 04-00 | KQ2LE 10-00 |
| | KQ2LE 06-00 | KQ2LE 12-00 |
| | KQ2LE 08-00 | |


|  | Model (ΦD-T) | |
|---|------------------------|------------|
| | Tube(Metric)-Thread(R) | |
| | KQ2T 04-00 | KQ2T 08-10 |
| | KQ2T 06-00 | KQ2T 10-12 |
| | KQ2T 08-00 | KQ2T 06-04 |
| | KQ2T 10-00 | KQ2T 08-06 |
| | KQ2T 12-00 | KQ2T 10-08 |
| | KQ2T 04-06 | KQ2T 12-10 |
| | KQ2T 06-08 | |


|  | Model (ΦD) | |
|--|------------------------|------------|
| | Tube(Metric)-Thread(R) | |
| | KQ2U 04-00 | KQ2U 08-10 |
| | KQ2U 06-00 | KQ2U 10-12 |
| | KQ2U 08-00 | KQ2U 06-04 |
| | KQ2U 10-00 | KQ2U 08-06 |
| | KQ2U 12-00 | KQ2U 10-08 |
| | KQ2U 04-06 | KQ2U 12-10 |
| | KQ2U 06-08 | |


|  | Model (ΦD) | |
|---|------------------------|------------|
| | Tube(Metric)-Thread(R) | |
| | KQ2H 04-00 | KQ2H 04-06 |
| | KQ2H 06-00 | KQ2H 06-08 |
| | KQ2H 08-00 | KQ2H 08-10 |
| | KQ2H 10-00 | KQ2H 10-12 |
| | KQ2H 12-00 | |


|  | Model (ΦD) | |
|---|------------------------|------------|
| | Tube(Metric)-Thread(R) | |
| | KQ2L 04-00 | KQ2L 04-06 |
| | KQ2L 06-00 | KQ2L 06-08 |
| | KQ2L 08-00 | KQ2L 08-10 |
| | KQ2L 10-00 | KQ2L 10-12 |
| | KQ2L 12-00 | |


|  | Model (ΦD-T) | |
|---|------------------------|--------------|
| | Tube(Metric)-Thread(R) | |
| | KQ2VF 04-M5 | KQ2VF 10-01S |
| | KQ2VF 04-01S | KQ2VF 10-02S |
| | KQ2VF 06-01S | KQ2VF 12-02S |
| | KQ2VF 06-02S | KQ2VF 12-03S |
| | KQ2VF 08-01S | KQ2VF 12-04S |
| | KQ2VF 08-02S | |
| | | |
| | | |


|  | Model (ΦD) | |
|---|------------------------|------------|
| | Tube(Metric)-Thread(R) | |
| | KQ2L 04-06 | KQ2L 08-10 |
| | KQ2L 04-08 | KQ2L 08-12 |
| | KQ2L 06-08 | KQ2L 10-12 |
| | KQ2L 06-10 | |

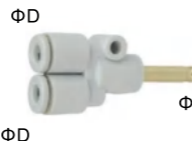
|  | Model (ΦD) | |
|---|--------------|--|
| | Tube(Metric) | |
| | QK2X 04-06 | |
| | QK2X 06-08 | |
| | QK2X 08-10 | |
| | QK2X 10-12 | |


|  | Model (ΦD) | |
|---|--------------|--|
| | Tube(Metric) | |
| | QK2UD 04-01S | |
| | QK2UD 04-02S | |
| | QK2UD 06-01S | |
| | QK2UD 06-02S | |


|  | Model (ΦD) | |
|---|--------------|--|
| | Tube(Metric) | |
| | QK2UD 04-06 | |
| | QK2UD 06-08 | |


|  | Model (ΦD) | |
|---|--------------|--|
| | Tube(Metric) | |
| | QK2L 04-66 | |
| | QK2L 06-99 | |
| | QK2L 08-99 | |
| | QK2L 10-99 | |
| | QK2L 12-99 | |

|  | Model (ΦD) | |
|---|--------------|--|
| | Tube(Metric) | |
| | QK2W 04-66 | |
| | QK2W 06-99 | |
| | QK2W 08-99 | |
| | QK2W 10-99 | |
| | QK2W 12-99 | |


|  | Model (ΦD) | |
|---|--------------|--|
| | Tube(Metric) | |
| | QK2U 04-99 | |
| | QK2U 06-99 | |
| | QK2U 08-99 | |
| | QK2U 10-99 | |
| | QK2U 12-99 | |


|  | ΦD1-ΦD2 | |
|---|--------------|--|
| | Tube(Metric) | |
| | KQ2P-04 | |
| | KQ2P-06 | |
| | KQ2P-08 | |
| | KQ2P-10 | |
| | KQ2P-12 | |


|  | Model (ΦD) | |
|---|--------------|--|
| | Tube(Metric) | |
| | KQ2C 04-00 | |
| | KQ2C 06-00 | |
| | KQ2C 08-00 | |
| | KQ2C 10-00 | |
| | KQ2C 12-00 | |


|  | ΦD1-ΦD2 | |
|---|--------------|-------------|
| | Tube(Metric) | |
| | KQ2TW 04-00 | |
| | KQ2TW 06-00 | |
| | KQ2TW 08-00 | |
| | | KQ2TW 10-00 |
| | KQ2TW 12-00 | |


Brass One Touch-in Fitting


|  | Model(ΦD-T) | | |
|---|------------------------|-------------|-------------|
| | Tube(Metric)-Thread(G) | | |
| | VMPC 04-M5 | VMPC 06-G02 | VMPC 10-G01 |
| | VMPC 04-M6 | VMPC 06-G03 | VMPC 10-G02 |
| | VMPC 04-G01 | VMPC 06-G04 | VMPC 10-G03 |
| | VMPC 04-G02 | VMPC 08-G01 | VMPC 10-G04 |
| | VMPC 06-M5 | VMPC 08-G02 | VMPC 12-G02 |
| | VMPC 06-M6 | VMPC 08-G03 | VMPC 12-G03 |
| | VMPC 06-G01 | VMPC 08-G04 | VMPC 12-G04 |


|  | Model (ΦD) | |
|---|--------------|---------|
| | Tube(Metric) | |
| | VMPU 04 | VMPU 10 |
| | VMPU 06 | VMPU 12 |
| | VMPU 08 | |


|  | Model(ΦD-T) | | |
|---|------------------------|-------------|-------------|
| | Tube(Metric)-Thread(G) | | |
| | VMPL 04-M5 | VMPL 06-G02 | VMPL 10-G02 |
| | VMPL 04-M6 | VMPL 06-G03 | VMPL 10-G03 |
| | VMPL 04-G01 | VMPL 08-G01 | VMPL 10-G04 |
| | VMPL 04-G02 | VMPL 08-G02 | VMPL 12-G02 |
| | VMPL 06-M5 | VMPL 08-G03 | VMPL 12-G03 |
| | VMPL 06-M6 | VMPL 08-G04 | VMPL 12-G04 |
| | VMPL 06-G01 | VMPL 10-G01 | |


|  | Model (ΦD) | |
|---|--------------|---------|
| | Tube(Metric) | |
| | VMPY 04 | VMPY 10 |
| | VMPY 06 | VMPY 12 |
| | VMPY 08 | |


|  | Model(ΦD-T) | | |
|---|------------------------|-------------|-------------|
| | Tube(Metric)-Thread(G) | | |
| | VMPB 04-M5 | VMPB 06-G02 | VMPB 10-G02 |
| | VMPB 04-M6 | VMPB 06-G03 | VMPB 10-G03 |
| | VMPB 04-G01 | VMPB 08-G01 | VMPB 10-G04 |
| | VMPB 04-G02 | VMPB 08-G02 | VMPB 12-G02 |
| | VMPB 06-M5 | VMPB 08-G03 | VMPB 12-G03 |
| | VMPB 06-M6 | VMPB 08-G04 | VMPB 12-G04 |
| | VMPB 06-G01 | VMPB 10-G01 | |


|  | Model (ΦD) | |
|--|--------------|---------|
| | Tube(Metric) | |
| | VMPE 04 | VMPE 10 |
| | VMPE 06 | VMPE 12 |
| | VMPE 08 | |

|  | Model(ΦD-T) | | |
|---|------------------------|--------------|--------------|
| | Tube(Metric)-Thread(G) | | |
| | VMPCF 04-G01 | VMPCF 08-G02 | VMPCF 12-G02 |
| | VMPCF 04-G02 | VMPCF 08-G03 | VMPCF 12-G03 |
| | VMPCF 06-G01 | VMPCF 10-G01 | VMPCF 12-G04 |
| | VMPCF 06-G02 | VMPCF 10-G02 | |
| | VMPCF 06-G03 | VMPCF 10-G03 | |
| | VMPCF 08-G01 | VMPCF 10-G04 | |

|  | Model (ΦD) | |
|---|--------------|---------|
| | Tube(Metric) | |
| | VMPV 04 | VMPV 10 |
| | VMPV 06 | VMPV 12 |
| | VMPV08 | |

|  | Model(ΦD-T) | |
|---|------------------------|--|
| | Tube(Metric)-Thread(G) | |
| | VMPS 04-G01 | |
| | VMPS 04-G02 | |
| | VMPS 06-G01 | |
| | VMPS 08-G01 | |
| | VMPS 08-G02 | |


|  | Model (ΦD1-ΦD2) | |
|---|-----------------|-------------|
| | Tube(Metric) | |
| | VMPGJ 06-04 | VMPGJ 10-08 |
| | VMPGJ 08-04 | VMPGJ 12-08 |
| | VMPGJ 08-06 | VMPGJ 12-10 |
| | VMPGJ 10-06 | |

|  | Model (ΦD) | |
|---|--------------|---------|
| | Tube(Metric) | |
| | VMPM 04 | VMPM 10 |
| | VMPM 06 | VMPM 12 |
| | VMPM 08 | |

Stainless Steel Fitting


SSPC

| Model (ΦD-T) | | |
|-------------------------|------------|------------|
| Tube(Metric)-Thread(PT) | | |
| SSPC 04-M5 | SSPC 06-02 | SSPC 10-01 |
| SSPC 04-M6 | SSPC 06-03 | SSPC 10-02 |
| SSPC 04-01 | SSPC 06-04 | SSPC 10-03 |
| SSPC 04-02 | SSPC 08-01 | SSPC 10-04 |
| SSPC 06-M5 | SSPC 08-02 | SSPC 12-02 |
| SSPC 06-M6 | SSPC 08-03 | SSPC 12-03 |
| SSPC 06-01 | SSPC 08-04 | SSPC 12-04 |




SSPL

| Model (ΦD-T) | | |
|-------------------------|------------|------------|
| Tube(Metric)-Thread(PT) | | |
| SSPL 04-M5 | SSPL 06-02 | SSPL 10-02 |
| SSPL 04-M6 | SSPL 06-03 | SSPL 10-03 |
| SSPL 04-01 | SSPL 08-01 | SSPL 10-04 |
| SSPL 04-02 | SSPL 08-02 | SSPL 12-02 |
| SSPL 06-M5 | SSPL 08-03 | SSPL 12-03 |
| SSPL 06-M6 | SSPL 08-04 | SSPL 12-04 |
| SSPL 06-01 | SSPL 10-01 | |




SSPD

| Model (ΦD-T) | | |
|-------------------------|------------|------------|
| Tube(Metric)-Thread(PT) | | |
| SSPD 04-M5 | SSPD 06-02 | SSPD 10-02 |
| SSPD 04-M6 | SSPD 06-03 | SSPD 10-03 |
| SSPD 04-01 | SSPD 08-01 | SSPD 10-04 |
| SSPD 04-02 | SSPD 08-02 | SSPD 12-02 |
| SSPD 06-M5 | SSPD 08-03 | SSPD 12-03 |
| SSPD 06-M6 | SSPD 08-04 | SSPD 12-04 |
| SSPD 06-01 | SSPD 10-01 | |




SSPCF

| Model (ΦD-T) | | |
|-------------------------|------------|------------|
| Tube(Metric)-Thread(PT) | | |
| SSPCF04-01 | SSPCF08-02 | SSPCF12-02 |
| SSPCF04-02 | SSPCF08-03 | SSPCF12-03 |
| SSPCF06-01 | SSPCF10-01 | SSPCF12-04 |
| SSPCF06-02 | SSPCF10-02 | |
| SSPCF06-03 | SSPCF10-03 | |
| SSPCF08-01 | SSPCF10-04 | |




SSPSC

| Model (ΦD-T) | |
|-------------------------|--|
| Tube(Metric)-Thread(PT) | |
| SSPSC 04-01 | |
| SSPSC 04-02 | |
| SSPSC 06-01 | |
| SSPSC 06-02 | |
| SSPSC 08-01 | |
| SSPSC 08-02 | |



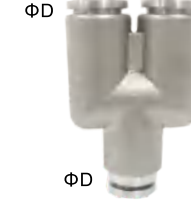
SSPU

| Model (ΦD) | |
|--------------|---------|
| Tube(Metric) | |
| SSPU 04 | SSPU 10 |
| SSPU 06 | SSPU 12 |
| SSPU 08 | |




SSPY

| Model (ΦD) | |
|--------------|---------|
| Tube(Metric) | |
| SSPY 04 | SSPY 10 |
| SSPY 06 | SSPY 12 |
| SSPY 08 | |




SSPE

| Model (ΦD) | |
|--------------|---------|
| Tube(Metric) | |
| SSPE 04 | SSPE 10 |
| SSPE 06 | SSPE 12 |
| SSPE 08 | |




SSPV

| Model (ΦD) | |
|--------------|---------|
| Tube(Metric) | |
| SSPV 04 | SSPV 10 |
| SSPV 06 | SSPV 12 |
| SSPV08 | |




SSPK

| Model (ΦD) | |
|--------------|--|
| Tube(Metric) | |
| SSPK 04 | |
| SSPK 06 | |
| SSPK 08 | |
| SSPK 10 | |



SSPM

| Model (ΦD) | |
|--------------|---------|
| Tube(Metric) | |
| SSPM 04 | SSPM 10 |
| SSPM 06 | SSPM 12 |
| SSPM 08 | |



VPC Series Pipe Fitting


VBLN

| Model | Size |
|-----------|--------------|
| VBLN-0101 | 1/8 " X1/8 " |
| VBLN-0201 | 1/4 " X1/8 " |
| VBLN-0202 | 1/4 " X1/4 " |
| VBLN-0301 | 3/8 " X1/8 " |
| VBLN-0302 | 3/8 " X1/4 " |
| VBLN-0303 | 3/8 " X3/8 " |
| VBLN-0402 | 1/2 " X1/4 " |
| VBLN-0403 | 1/2 " X3/8 " |
| VBLN-0404 | 1/2 " X1/2 " |
| VBLN-0604 | 3/4 " X1/2 " |
| VBLN-0606 | 3/4 " X3/4 " |




VBLFM

| Model | Size |
|------------|--------------|
| VBLFM-0101 | 1/8 " X1/8 " |
| VBLFM-0102 | 1/8 " X1/4 " |
| VBLFM-0201 | 1/4 " X1/8 " |
| VBLFM-0202 | 1/4 " X1/4 " |
| VBLFM-0203 | 1/4 " X3/8 " |
| VBLFM-0301 | 3/8 " X1/8 " |
| VBLFM-0302 | 3/8 " X1/4 " |
| VBLFM-0303 | 3/8 " X3/8 " |
| VBLFM-0304 | 3/8 " X1/2 " |
| VBLFM-0403 | 1/2 " X3/8 " |
| VBLFM-0404 | 1/2 " X1/2 " |




VBTM

| Model | Size |
|----------|-------|
| VBTM-001 | 1/8 " |
| VBTM-002 | 1/4 " |
| VBTM-003 | 3/8 " |
| VBTM-004 | 1/2 " |



VBTF2

| Model | Size |
|-----------|-------|
| VBTF2-001 | 1/8 " |
| VBTF2-002 | 1/4 " |
| VBTF2-003 | 3/8 " |



VBFM

| Model | Size |
|-----------|--------------|
| VBFM-0101 | 1/8 " X1/8 " |
| VBFM-0102 | 1/8 " X1/4 " |
| VBFM-0103 | 1/8 " X3/8 " |
| VBFM-0201 | 1/4 " X1/8 " |
| VBFM-0202 | 1/4 " X1/4 " |
| VBFM-0203 | 1/4 " X3/8 " |
| VBFM-0204 | 1/4 " X1/2 " |
| VBFM-0301 | 3/8 " X1/8 " |
| VBFM-0302 | 3/8 " X1/4 " |
| VBFM-0303 | 3/8 " X3/8 " |
| VBFM-0304 | 3/8 " X1/2 " |
| VBFM-0402 | 1/2 " X1/4 " |
| VBFM-0403 | 1/2 " X3/8 " |
| VBFM-0404 | 1/2 " X1/2 " |
| VBFM-0505 | 3/4 " X3/4 " |




VBCN

| Model | Size |
|-----------|--------------|
| VBCN-0101 | 1/8 " X1/8 " |
| VBCN-0201 | 1/4 " X1/8 " |
| VBCN-0202 | 1/4 " X1/4 " |
| VBCN-0301 | 3/8 " X1/8 " |
| VBCN-0302 | 3/8 " X1/4 " |
| VBCN-0303 | 3/8 " X3/8 " |
| VBCN-0401 | 1/2 " X1/8 " |
| VBCN-0402 | 1/2 " X1/4 " |
| VBCN-0403 | 1/2 " X3/8 " |
| VBCN-0404 | 1/2 " X1/2 " |
| VBCN-0602 | 3/4 " X1/4 " |
| VBCN-0603 | 3/4 " X3/8 " |
| VBCN-0604 | 3/4 " X1/2 " |
| VBCN-0606 | 3/4 " X3/4 " |
| VBCN-0804 | 1 " X1/2 " |
| VBCN-0806 | 1 " X3/4 " |
| VBCN-0808 | 1 " X1 " |




VBLF

| Model | Size |
|----------|-------|
| VBLF-001 | 1/8 " |
| VBLF-002 | 1/4 " |
| VBLF-003 | 3/8 " |
| VBLF-004 | 1/2 " |



VBP1

| Model | Size |
|----------|-------|
| VBP1-001 | 1/8 " |
| VBP1-002 | 1/4 " |
| VBP1-003 | 3/8 " |
| VBP1-004 | 1/2 " |
| VBP1-006 | 3/4 " |
| VBP1-008 | 1 " |



VBBU

| Model | Size |
|-----------|--------------|
| VBBU-0201 | 1/4 " X1/8 " |
| VBBU-0301 | 3/8 " X1/8 " |
| VBBU-0302 | 3/8 " X1/4 " |
| VBBU-0401 | 1/2 " X1/8 " |
| VBBU-0402 | 1/2 " X1/4 " |
| VBBU-0403 | 1/2 " X3/8 " |
| VBBU-0602 | 3/4 " X1/4 " |
| VBBU-0603 | 3/4 " X3/8 " |
| VBBU-0604 | 3/4 " X1/2 " |
| VBBU-0802 | 1 " X1/4 " |
| VBBU-0803 | 1 " X3/8 " |
| VBBU-0804 | 1 " X1/2 " |
| VBBU-0806 | 1 " X3/4 " |




VBCF

| Model | Size |
|-----------|--------------|
| VBCF-0101 | 1/8 " X1/8 " |
| VBCF-0201 | 1/4 " X1/8 " |
| VBCF-0202 | 1/4 " X1/4 " |
| VBCF-0301 | 3/8 " X1/8 " |
| VBCF-0302 | 3/8 " X1/4 " |
| VBCF-0303 | 3/8 " X3/8 " |
| VBCF-0401 | 1/2 " X1/8 " |
| VBCF-0402 | 1/2 " X2/8 " |
| VBCF-0403 | 1/2 " X3/8 " |
| VBCF-0404 | 1/2 " X1/2 " |
| VBCF-0603 | 3/4 " X3/8 " |
| VBCF-0604 | 3/4 " X1/2 " |
| VBCF-0606 | 3/4 " X3/4 " |




VTIP

| Model | Size |
|----------|-------|
| VTIP-001 | 1/8 " |
| VTIP-002 | 1/4 " |
| VTIP-003 | 3/8 " |
| VTIP-004 | 1/2 " |
| VTIP-006 | 3/4 " |




VBCF

| Model | Size |
|------------|--------------|
| VBCF-0101A | 1/8 " X1/8 " |
| VBCF-0202A | 1/4 " X1/4 " |
| VBCF-0303A | 3/8 " X3/8 " |
| VBCF-0404A | 1/2 " X1/2 " |
| VBCF-0505A | 3/4 " X3/4 " |



VBLFM1


| Model | Size |
|-------------|--------------|
| VBLFM1-0101 | 1/8 " X1/8 " |
| VBLFM1-0102 | 1/8 " X1/4 " |
| VBLFM1-0201 | 1/4 " X1/8 " |
| VBLFM1-0202 | 1/4 " X1/4 " |
| VBLFM1-0301 | 3/8 " X1/8 " |
| VBLFM1-0302 | 3/8 " X1/4 " |
| VBLFM1-0303 | 3/8 " X3/8 " |
| VBLFM1-0404 | 1/2 " X1/2 " |



Note:
1. BSPT and PT are the conventional screw thread
2. Other threads can also be produced

VBTFM

| Model | Size |
|-------------|-------|
| VBTFM2-0101 | 1/8 " |
| VBTFM2-0202 | 1/4 " |
| VBTFM2-0303 | 3/8 " |



VBTF

| Model | Size |
|----------|-------|
| VBTF-001 | 1/8 " |
| VBTF-002 | 1/4 " |
| VBTF-003 | 3/8 " |
| VBTF-004 | 1/2 " |

