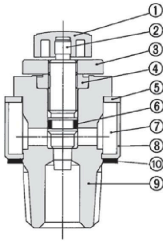


Construction



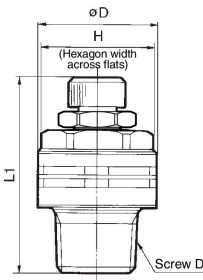
Component Parts

| No. | Description | Material | Note |
|-----|----------------|----------------------|-------------------------------|
| 1 | Handle | PBT | |
| 2 | Needle | Brass | Electroless nickel plated |
| 3 | Lock nut | Steel ⁽²⁾ | Zinc chromated ⁽¹⁾ |
| 4 | Needle guide | Brass | Electroless nickel plated |
| 5 | Washer | Carbon steel | Nickel plated |
| 6 | O-ring | NBR | |
| 7 | Silencer | PVA sponge | |
| 8 | Silencer cover | Soft polyethylene | |
| 9 | Body B | Brass | Electroless nickel plated |
| 10 | Gasket | NBR/Stainless steel | M5, U10/32 only |

Note 1) The round lock nut is electroless nickel plated.

Note 2) The round lock nut is made of brass. However, note that only the ASN2-□01 and □02 use steel.

Dimensions



Dimensions

| Model | Screw D | øD | L1 ⁽²⁾ | | H |
|-------------|-----------|----|-------------------|------|-----------|
| | | | Min. | Max. | |
| ASN2-M5 | M5 x 0.8 | 10 | 20.5 | 23.3 | 8 |
| ASN2-U10/32 | 10-32 UNF | 10 | 20.5 | 23.3 | 8 |
| ASN2-01 | 1/8 | 15 | 29.1 | 34.1 | 12 (12.7) |
| ASN2-02 | 1/4 | 20 | 33.7 | 38.7 | 17 (17.5) |
| ASN2-03 | 3/8 | 25 | 35.9 | 40.9 | 19 |
| ASN2-04 | 1/2 | 30 | 48.1 | 53.1 | 24 (23.8) |

Note 1) (in parentheses) are the dimensions of "NPT" screw specifications.

Note 2) L1: Reference dimensions

⚠ Specific Product Precautions

Be sure to read this before handling the products.

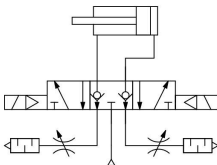
Refer to back page 50 for Safety Instructions and pages 543 to 546 for Flow Control Equipment Precautions.

Selection

⚠ Warning

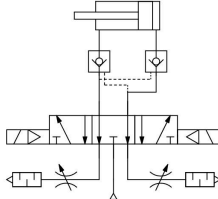
1. Example of inapplicable circuits

(a) Perfect Valve (VF66□□, VS7-6-FPG, VS7-8-FPG)



Residual pressure behind the exhaust needle may cause check valve malfunction in the Perfect Valve.

(b) Pilot check valve between Actuator and Valve



Residual pressure behind the exhaust needle may cause pilot check valve malfunction.

Installation

⚠ Warning

1. If installing flow controls to valve ports, interference may occur with the fittings. Please consult the catalog before installing.

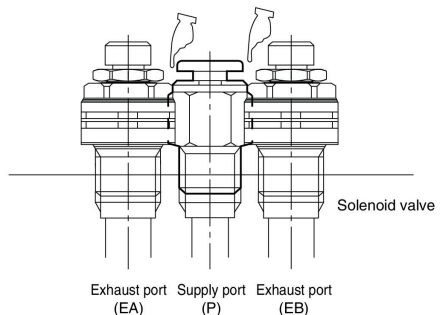


Fig. Example of the interference with fittings