

Design/selection

CAUTION

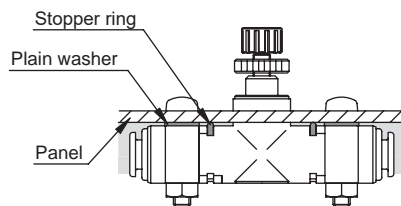
- Do not use this valve in circuits where ozone is generated intentionally. Ozone resistance is sufficient for naturally generated ambient ozone. Check packing deteriorates if ozone levels are high.

- This valve cannot be used as a stop valve that requires no leakage. Slight leakage is allowed for in this product's specifications.
- Note that not all of the resin parts of the needle valve are flame-resistant.
- The flow path in the needle valve is not completely free of dust generation. A final clean filter should be used in circuits where dust generation could be a problem.

Mounting, installation and adjustment

CAUTION

- Rotate the mounting hole section in a non-pressurized state.
- When mounting on a panel, the stopper ring will interfere with the panel, so insert a flat washer between the mounting hole and panel.



- Tighten bolts in mounting holes using the torques (or less) shown below.

Model No.	Tightening torque
SCL(D)2-04	0.5 N·m
SCL(D)2-06/08/10	0.8 N·m

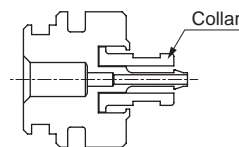
- As tubing may be dislocated due to product oscillation or torsion, fix the product with bolts or Insulok ties, etc., when piping.
- Do not turn the dial forcibly when fully closing or opening it (0.05 N·m or less). Do not use the lock nut to adjust the needle. Otherwise this could cause needle galling or damage.
- Tightening the lock nut excessively can cause problems. Do not use a torque higher than what is indicated in the following table.

Model No.	Tightening torque
SCL(D)2-04/06	0.2 N·m
SCL(D)2-08/10	0.3 N·m

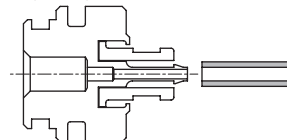
- The adjustment knob of the "P80 (oil-prohibited specifications)" option may be slightly hard to turn.

- There is no directionality for needle valve piping.
- Connect the fiber tube (ø1.8 fitting) in the following procedure ((1) to (5)).

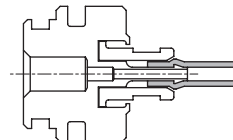
(1) Set the collar at the very back.



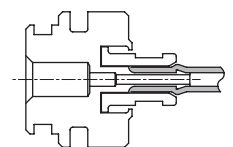
(2) Cut the end of fiber tube at a right angle.



(3) Pass the collar through and confirm that the fiber tube is correctly inserted while carrying out the work.



(4) Insert fiber tube to the last position.



(5) Pull the collar forward to lock it.

