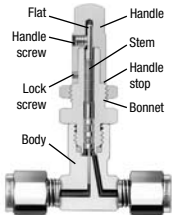


Swagelok

S Series Metering Valves



S series metering valves are designed for fine flow control; **they are not designed for shutoff service.** The handle stop is factory set at a minimum flow of 4 to 10 std cm³/min at 15 psig (1.0 bar) to prevent damage to the stem and body.

Note: Adjusting stop to lower flow than the factory setting can damage valve and stem tip.

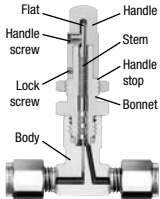
Handle stop position can be adjusted as follows.

Adjusting the Handle Stop Position

1. Loosen **handle screw** with a 1/16 inch hex key wrench, and remove **handle** from valve.
2. Adjust **stem** to the desired handle stop position. **Do not overtighten** stem in body.
3. Reposition **handle** on **stem** by aligning **handle screw** with "flat" on stem. Slide **handle** down on **stem** until **handle** rests on top of the **bonnet**.
4. Tighten **handle screw** to maintain the new handle stop position.
5. Test valve for proper operation.



S Series Metering Valves



Locking In Flow Setting

To lock in flow setting, if desired, tighten **lock screw** at base of handle using a 0.050 inch hex key wrench.

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