

# ADAPTOR KIT

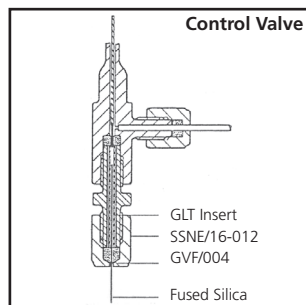
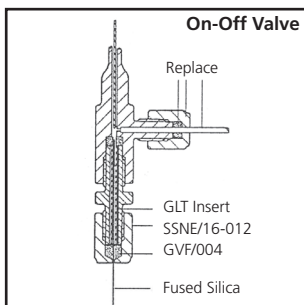
## Connecting fused silica capillaries to SGE micro needle valves with 1/16" ports

Order code VAK - Part no. 1034606

This adaptor kit is suitable for the following SGE micro needle valves: MOV-1, MOV1-1, MCV-1, MCV1-1, MOVPT, MOVPT, SMOV-1, BMCV-1.

### Parts List:

- 3 x 1/16" O.D. x 0.53mm I.D. GLT inserts (2 short inserts for side ports and 1 longer GLT insert for base connection).
- 3 x SSNE/16 nuts
- 5 x GVF/004 graphitized Vespel® ferrules- 1/16" x 0.4mm I.D. (drill out if necessary).



### Instructions:

1. Remove 1/16" nut/s, line/s and ferrule/s.
2. Fit GLT insert into side arm/s or base connection.
3. Place nut, then graphitized Vespel® ferrule onto the fused silica connecting line and thread the fused silica line into the insert.
4. As the tubing is inserted into the connection a resistance will be encountered. When this occurs withdraw the tubing slightly then finger tighten the nut. Then, using a spanner, fully tighten in 1/4 turn adjustments until silica tubing is retained.

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