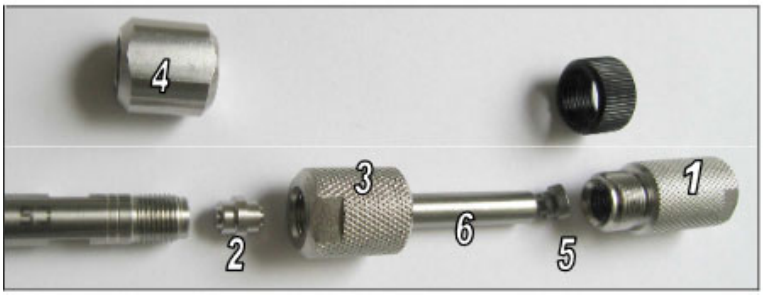
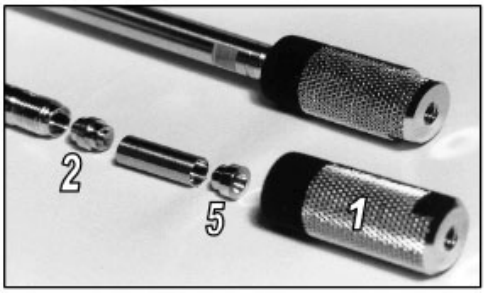
Product Information

Operating Manual for Guard Column Holder for 1 cm and 2 cm Guard Columns



2 cm-Version



1 cm-Version

Parts needed for assembly of a guard column within a guard column holder:

(1) guard column holder with thread protector
(2) connector
(3) extension
(4) column head
(5) fitting adapter
(6) guard column

For usage of the guard column holder the column head (4) and the fitting adapter (5) which is placed at the column entrance are being removed (if needed with a gripper).
Within the column the micronic sieves with overlying PTFE seal are now visible. The stainless steel connector (2) needs to be placed right upon that seal.

Insertion of the 1 cm guard column:
Remove the protecting caps from the 1 cm guard column and put the guard column upon the connector (2). Place the afore removed fitting adapter (5) on the other side of the guard column. Put the guard column holder (1) over the guard column incl. fittig adapter and tighten by hand (if needed with a wrench). The solvent capillary can now be screwed into the inner thread (thread UNF 10/32 for 1/16" screwed ports) of the guard column holder e.g. with a fitting screw and ferrule or with a one-piece PEEK fingertight fitting (P/N 590505).

Insertion of the 2 cm guard column:
Remove the black thread protector from the guard column holder (1) and screw the extension (3) on the head of the column. Remove the protecting caps from the 2 cm guard column and put the guard column upon the connector (2). Place the afore removed fitting adapter (5) on the other side of the guard column. Put the guard column holder (1) over the guard column incl. fitting adapter and screw it into the afore mounted extension (3) (if needed with a wrench). The solvent capillary can now be screwed into the inner thread (thread UNF 10/32 for 1/16" screwed ports) of the guard column holder e.g. with a fitting screw and ferrule or with a one-piece PEEK fingertight fitting (P/N 590505).

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