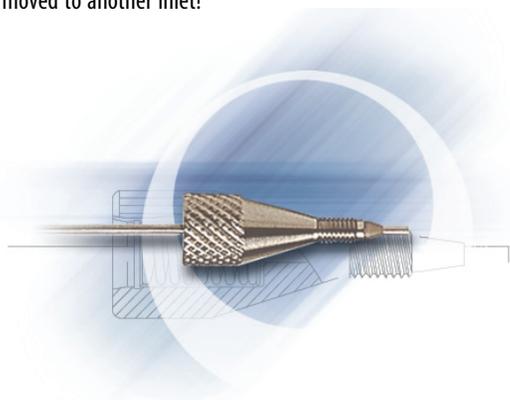




THE SECURE-FIT™ COLUMN CONNECTOR

INTRODUCTION

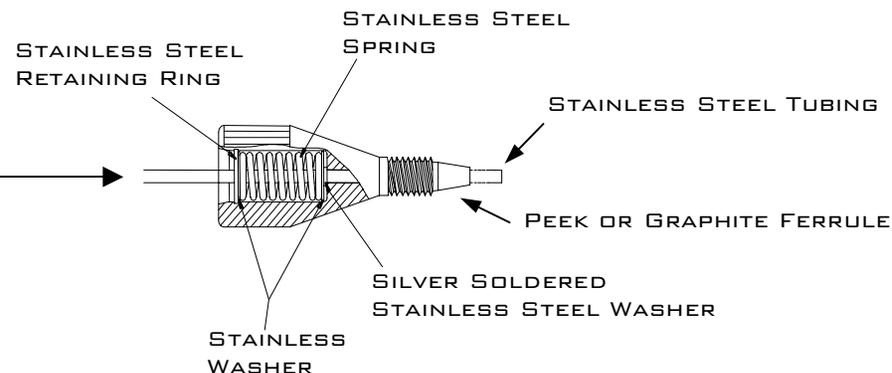
Dead volume in chromatography systems robs the chromatographer of resolution and efficiency. Reducing dead volume requires the use of narrow ID tubing, and properly installed zero dead volume fittings and connectors. Fittings contribute to dead volume if the end of the tubing is not completely seated in the fitting. The Secure-Fit™ column connector provides an automatic zero dead volume connection every time - even if the connector is moved to another inlet!



SPRING LOADED
FOR AUTO-DEPTH
ACTION

PRODUCT DESIGN

The Secure-Fit™ Connector uses highly sophisticated, patented* technology developed by the experts at Selerity Technologies. Within the Secure-Fit™ housing, a strong metal spring presses against a collar that is attached to the tubing. The high tension of the spring against the collar forces the tubing to its maximum extension from the housing. As the connector is tightened within the accepting fitting, this spring tension keeps the end of the tubing against the inside fitting face.



SELERITY SECURE-FIT™ CONNECTOR FEATURES:

- Self-adjusting within ANY STANDARD 10-32 HPLC Fitting
- Automatic ZERO DEAD-VOLUME connections
- Holds to over 6000 psi
- Finger-tight connections - no wrenches!
- Standard tubing sizes 0.005", 0.007", 0.010" and 0.020" ID
- Available in both stainless steel, and PEEK
- Compatible with essentially all injectors

Simply applying light finger-tight tension to the fitting housing, you are assured that the connection is made with minimum dead volume. A slightly different depth in another acceptor fitting is no problem. The Secure-Fit™ connector automatically self-adjusts to the next acceptor fitting. No matter what the depth of the acceptor port, you will have a worry free zero dead-volume connection. The fittings are available with PEEK ferrules, or graphite ferrules for high temperature applications.