

THV TH TK



TESTING AND FILLING CONNECTORS FOR REFRIGERATION COILS

Pressure to 625 PSI (43 BAR)



THV Filling Connectors for Rifled Refrigeration Tubing

- For testing/filling 3/8" (0.360" I.D.) rifled tube or coil assemblies
- Pressure to 625 PSI (43 BAR)
- Vacuum to 75 microns
- Vented stem for prolonged seal life



TH Filling Connectors and TK Test Plugs

- For testing/filling 5/16" (0.299" I.D.) and 3/8" (0.360" I.D.) smooth-bore tube or coil assemblies
- Pressure to 625 PSI (43 BAR)
- Vacuum to 75 microns



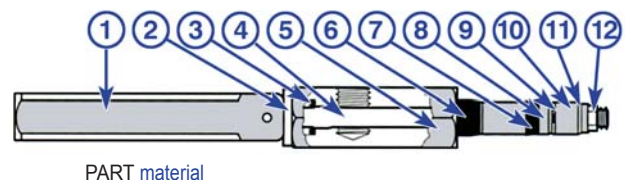
THV, TH, and TK Quick Connectors are designed for testing and filling copper tubing, such as that used in refrigeration coils. They are particularly useful in applications where the length of tube extending out of the header plate is not long enough to permit the use of a standard O.D. retaining tube connector. Construction materials include stainless steel, hardened and plated carbon steel and neoprene seals.

To connect, insert the connector stem into the tube and bottom the upper seal against the tube end; then, rotate the handle 90° to the locked position. Rotating the handle causes the retaining ring and the primary seal to expand; thus, locking the connector in place and effecting a leak-free seal.

To disconnect, relieve pressure, rotate the handle to the unlocked position and pull out the connector.

Part Number*	Tube Size	Inlet
TH0299-57	5/16"	1/8" NPT
TH0360-57	3/8"	1/8" NPT
THV0360-57	3/8"	1/8" NPT
TK0299-57	5/16"	N/A
TK0360-57	3/8"	N/A

* When ordering, please specify part number, tube I.D., test pressure, media and media temperature. Tolerance of tube I.D. must be +.002/- .002.



- PART material
- | | |
|------------------------------|----------------------------------|
| ① HANDLE steel | ⑦ PRIMARY SEAL neoprene |
| ② CAM WASHER stainless steel | ⑧ ACTUATING RING stainless steel |
| ③ O-RING neoprene | ⑨ RETAINING RING stainless steel |
| ④ STEM stainless steel | ⑩ SPACER stainless steel |
| ⑤ BODY stainless steel | ⑪ LOCKWASHER stainless steel |
| ⑥ UPPER SEAL neoprene | ⑫ STOPNUT stainless steel |