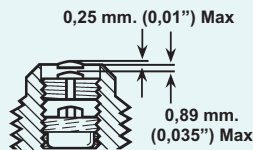
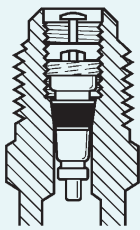


### SCHRADER VALVE - SPECIFICATIONS



**SCHRADER VALVE PIN LOCATION**  
After Valve body installation, replace Schrader Valve with VCR-1 tool. Torque 0,34 ± 0,57 Nm (3,0 ± 5,0 in/Lbs.).

### SPECIFICATIONS - ARI Standard 720-2002

- Temperature Range : **-40° C ± 105° C.** (-40°F ± 220°F);
- Pressure : **35 Bar** (500 Psig);
- Valve body : **Brass**;
- Valve Core : **Stainless Steel / Brass** for use with all Refrigerants CFC, HCFC, HFC such as R-12, R-22, R-134a, R-404a, R-407c, **R-410a**, AZ-20, Puron®, R-507... Resistant to Alkalies, diluite Mineral Acids, MO Mineral Oil, AB AlkylBenzene, POE PolyOilEster, PAG PolyAlkylene Glycol Oil...;
- Recommended Torque : **0,34 ± 0,57 Nm.** (3,0 ± 5,0 in/Lbs).

### FEATURES

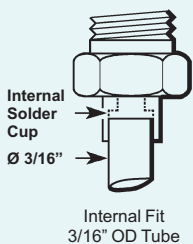
- Valves are machined according with Specification ARI American Rating Institute Standard 720-02;
- Large counterbore permits removal of Schrader Valve if flare becomes damaged;
- All Access Valves are equipped with Standard Brass Seal Cap NFT5-4 or NFT5-5 (optional Hex Seal Cap with long tan copper gasket N5-4 or N5-5 for R410a);
- All TEE are flared to receive an Schrader Valve in all 1/4" (7/16" 20UNF) and 5/16" (1/2" 20UNF) Male SAE Flare ends.

### ODS and ODF FIT DESCRIPTIONS

Descriptions for Solder/Braze Access Valves specify the connecting tube O.D. Outside Diameter size and type of fit. (Es. AV4-3 4)

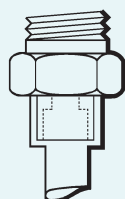
Model	Description
AV4-3 4	<div style="border: 1px solid black; padding: 2px; display: inline-block;">Type of Fit</div> <b>3/16" ODS x 1/4" ODF</b>

#### 3/16" ODS FIT

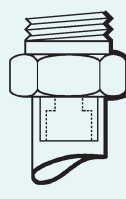


Internal Fit  
3/16" OD Tube

#### 1/4" ODF FIT

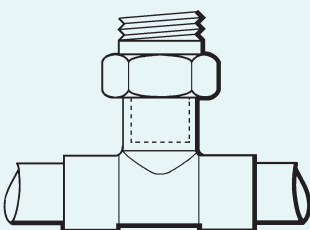


Swage Fit  
1/4" OD tube

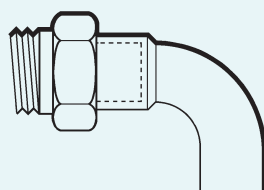


External Fit  
5/16" OD tube

#### 1/4" ODF FIT



Wrot Copper Fitting - TEE  
Ø 1/4" ODS x 1/4" ODS x 1/4" ODS



Wrot Copper Fitting - 90° Elbow  
Ø 1/4" ODS x 1/4" ODF

### NOTE

- OD** = Outside Diameter
- ODS** = Outside Diameter Solder
- ODF** = Outside Diameter Female

### STRAIGHT ACCESS VALVES - 1/4" / 5/16" Male SAE with Valve Core and Cap x ODS / ODF Solder



AV4-3 4



AV5-5 8

Model	Description
AV4-2 4	Access Valve 1/4" (7/16" 20UNF) <b>Male SAE</b> with Valve Core and Cap x Ø 1/8" ODS - 1/4" ODF.
AV4-3 4	1/4" (7/16" 20UNF) <b>Male SAE</b> with Valve Core and Cap x Ø 3/16" ODS - 1/4" ODF.
AV4-4 6	1/4" (7/16" 20UNF) <b>Male SAE</b> with Valve Core and Cap x Ø 1/4" ODS - 3/8" ODF.
AV4-5 8	1/4" (7/16" 20UNF) <b>Male SAE</b> with Valve Core and Cap x Ø 5/16" ODS - 1/2" ODF.
AV4-6 8	1/4" (7/16" 20UNF) <b>Male SAE</b> with Valve Core and Cap x Ø 3/8" ODS - 1/2" ODF.
AV4-810	1/4" (7/16" 20UNF) <b>Male SAE</b> with Valve Core and Cap x Ø 1/2" ODS - 5/8" ODF.
AV4-6MM	1/4" (7/16" 20UNF) <b>Male SAE</b> with Valve Core and Cap x Ø 6 mm. ODS.
AV5-2 4	R410a 5/16" (1/2" 20UNF) <b>Male SAE</b> with Valve Core and Cap x Ø 1/8" ODS - 1/4" ODF.
AV5-3 4	R410a 5/16" (1/2" 20UNF) <b>Male SAE</b> with Valve Core and Cap x Ø 3/16" ODS - 1/4" ODF.
AV5-4 6	R410a 5/16" (1/2" 20UNF) <b>Male SAE</b> with Valve Core and Cap x Ø 1/4" ODS - 3/8" ODF.
AV5-5 8	R410a 5/16" (1/2" 20UNF) <b>Male SAE</b> with Valve Core and Cap x Ø 5/16" ODS - 1/2" ODF.
AV5-6 8	R410a 5/16" (1/2" 20UNF) <b>Male SAE</b> with Valve Core and Cap x Ø 3/8" ODS - 1/2" ODF.
AV5-810	R410a 5/16" (1/2" 20UNF) <b>Male SAE</b> with Valve Core and Cap x Ø 1/2" ODS - 5/8" ODF.

### MULTI-STEP ACCESS VALVES - 1/4" / 5/16" Male SAE with Valve Core and Cap x ODS / ODF Solder



AV4-2345



AV5-346

Model	Description
AV4-346	Multi-Step Access Valve 1/4" (7/16" 20UNF) <b>Male SAE</b> with Valve Core and Cap x Ø 3/16" ODS x 1/4" - 3/8" ODF.
AV4-34568	1/4" (7/16" 20UNF) <b>Male SAE</b> with Valve Core and Cap x Ø 3/16" - 1/4" - 5/16" - 3/8" - 1/2" ODF.
AV4-2456	1/4" (7/16" 20UNF) <b>Male SAE</b> with Valve Core and Cap x Ø 1/8" ODS x 3/16" - 1/4" - 5/16" ODF.
AV4-6810MM	1/4" (7/16" 20UNF) <b>Male SAE</b> with Valve Core and Cap x Ø 6 mm. ODS x 8 mm. - 10 mm. ODF.
AV5-346	R410a 5/16" (1/2" 20UNF) <b>Male SAE</b> with Valve Core and Cap x Ø 3/16" ODS x 1/4" - 3/8" ODF.
AV5-34568	R410a 5/16" (1/2" 20UNF) <b>Male SAE</b> with Valve Core and Cap x Ø 3/16" - 1/4" - 5/16" - 3/8" - 1/2" ODF.
AV5-2456	R410a 5/16" (1/2" 20UNF) <b>Male SAE</b> with Valve Core and Cap x Ø 1/8" ODS x 3/16" - 1/4" - 5/16" ODF.