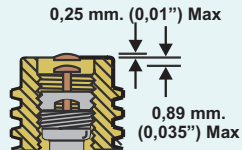


SCHRADER VALVE - SPECIFICATIONS



SCHRADER VALVE PIN LOCATION
After Valve body installation, replace Schrader Valve with VCR-1a 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 : **55 Bar** (800 Psig);
- Valve body : **Brass**;
- Valve Core : **Stainless Steel / Brass** for use with all Refrigerants CFC, HCFC, HFC such as R-134a, R-416a, R-1234yf... Resistant to Alkalies, dilute 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

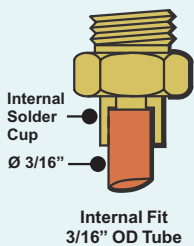
- Valves are machined according with Specification ARI American Rating Institute Standard 720-02;
- Large counterbore permits removal of Schrader Valve if flare becomes damaged;
- All Access Valves are equipped with Standard Brass Seal Cap NPT5-4 or NPT5-2 (optional Seal Cap with Plastic Retainer Strap or Brass Retainer Bead Chain);
- All TEE are flared to receive an Schrader Valve in all 1/4" (7/16" 20UNF) Male SAE and 1/2" Male ACME-16 ends.

ODS and ODF FIT DESCRIPTIONS

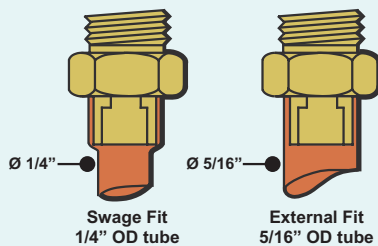
Descriptions for Solder/Braze Access Valves specify the connecting tube O.D. Outside Diameter size and type of fit. (Es. AV4-3 4)

Model	Description
AV4-3 5	<div style="text-align: center;"> Type of Fit 3/16" ODS x 5/16" ODF </div>

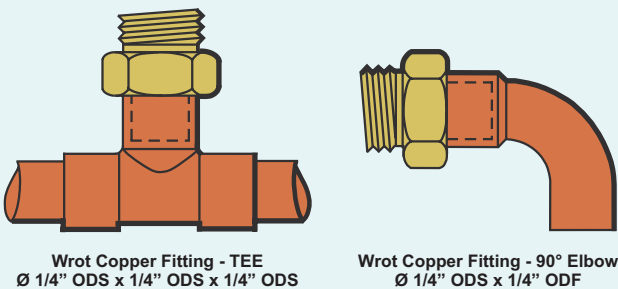
3/16" ODS FIT



1/4" ODF FIT



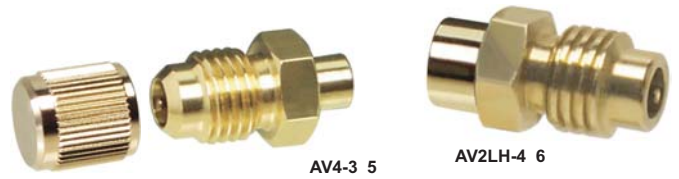
1/4" ODF FIT



NOTE

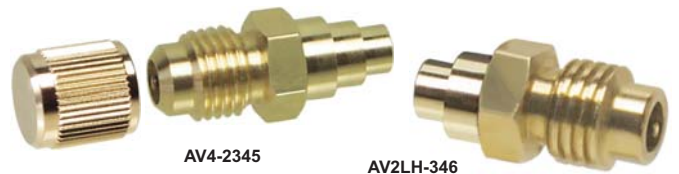
OD = Outside Diameter
ODS = Outside Diameter Solder
ODF = Outside Diameter Female

STRAIGHT ACCESS VALVES - 1/4" Male SAE / 1/2" Male ACME-16 with Valve Core & Standard Cap x ODS / ODF Solder



Model	Description
AV4-2 4	Access Valve 1/4" (7/16" 20UNF) Male SAE with Valve Core & Cap x Ø 1/8" ODS - 1/4" ODF.
AV4-3 5	1/4" (7/16" 20UNF) M. SAE x Ø 3/16" ODS - 5/16" ODF
AV4-4 6	1/4" (7/16" 20UNF) M. SAE x Ø 1/4" ODS - 3/8" ODF.
AV4-5 8	1/4" (7/16" 20UNF) M. SAE x Ø 5/16" ODS - 1/2" ODF.
AV4-6 8	1/4" (7/16" 20UNF) M. SAE x Ø 3/8" ODS - 1/2" ODF.
AV4-810	1/4" (7/16" 20UNF) M. SAE x Ø 1/2" ODS - 5/8" ODF.
AV4- 610MM	Access Valve 1/4" (7/16" 20UNF) Male SAE with Valve Core and Cap x Ø 6 mm. ODS - 10 mm. ODF.
AV4- 812MM	1/4" M. SAE x Ø 8 mm. ODS - Ø 12 mm. ODF.
AV4-1014MM	1/4" M. SAE x Ø 10 mm. ODS - Ø 14 mm. ODF.
AV4-1216MM	1/4" M. SAE x Ø 12 mm. ODS - Ø 16 mm. ODF.
AV2-2 4	R134a 1/2" Male ACME-16 with Valve Core & Cap x Ø 1/8" ODS - 1/4" ODF.
AV2-3 5	R134a 1/2" M. ACME-16 x Ø 3/16" ODS - 5/16" ODF.
AV2-4 6	R134a 1/2" M. ACME-16 x Ø 1/4" ODS - 3/8" ODF.
AV2-5 8	R134a 1/2" M. ACME-16 x Ø 5/16" ODS - 1/2" ODF.
AV2-6 8	R134a 1/2" M. ACME-16 x Ø 3/8" ODS - 1/2" ODF.
AV2-810	R134a 1/2" M. ACME-16 x Ø 1/2" ODS - 5/8" ODF.
AV2LH-2 4	R1234yf 1/2" Male ACME-16 LH with Valve Core & Cap x Ø 1/8" ODS - 1/4" ODF.
AV2LH-3 5	R1234yf 1/2" M. ACME LH x Ø 3/16" ODS - 5/16" ODF
AV2LH-4 6	R1234yf 1/2" M. ACME LH x Ø 1/4" ODS - 3/8" ODF
AV2LH-5 8	R1234yf 1/2" M. ACME LH x Ø 5/16" ODS - 1/2" ODF
AV2LH-6 8	R1234yf 1/2" M. ACME LH x Ø 3/8" ODS - 1/2" ODF
AV2LH-810	R1234yf 1/2" M. ACME LH x Ø 1/2" ODS - 5/8" ODF

MULTI-STEP ACCESS VALVES - 1/4" Male SAE / 1/2" Male ACME-16 w/Valve Core & Cap x ODS / ODF Solder



Model	Description
AV4-346	Multi-Step Access Valve 1/4" (7/16" 20UNF) Male SAE with Valve Core and Cap x Ø 3/16" ODS x 1/4" - 3/8" ODF.
AV4-34568	1/4" M. SAE x Ø 3/16" - 1/4" - 5/16" - 3/8" - 1/2" ODF
AV4-2456	1/4" M. SAE x Ø 1/8" ODS x 3/16" - 1/4" - 5/16" ODF.

AV4-6810MM	1/4" (7/16" 20UNF) Male SAE with Valve Core and Cap x Ø 6, 8 and 10 mm. ODF.
AV2-346	R134a 1/2" Male ACME-16 with Valve Core & Cap x Ø 3/16" ODS x 1/4" - 3/8" ODF.
AV5-34568	R134a 1/2" M. ACME-16 x Ø 3/16" - 1/4" - 5/16" - 3/8" - 1/2" ODF.
AV5-2456	R134a 1/2" M. ACME-16 x Ø 1/8" ODS x 3/16" - 1/4" - 5/16" ODF.
AV2LH-346	R1234yf 1/2" Male ACME-16 LH with Valve Core & Cap x Ø 3/16" ODS x 1/4" - 3/8" ODF.
AV2LH-34568	R1234yf 1/2" M. ACME-16 LH x Ø 3/16" - 1/4" - 5/16" - 3/8" - 1/2" ODF.
AV5-2456	R1234yf 1/2" M. ACME-16 LH x Ø 1/8" ODS x 3/16" - 1/4" - 5/16" ODF.

COPPER TUBE - FITTING GUIDE		OD		ODS		ODF	
Ø	Internal Tube Fit	External Tube Fit	Swage Fit	Internal Tube Fit		External Tube Fit	
				1/8" est.	3/16" est.	1/4" est.	5/16" est.
1/8"	-	3/16"	-	-	-	-	-
3/16"	1/8"	1/4"	3/16"	1/4"	3/8"	1/2"	5/8"
1/4"	3/16"	5/16"	1/4"	1/2"	5/8"	3/4"	7/8"
5/16"	1/4"	3/8"	5/16"	3/4"	7/8"	1"	1 1/8"
3/8"	5/16"	-	3/8"	7/8"	1"	1 1/8"	1 1/4"

Automotive Access Valves R-1234yf, R1234yf, HFO1234yf, HFO-1234yf Schrader Valve, Service Valve A/C, Access Valve Schrader Valve Schrader Automotive Air Conditioning, 7/16" 20UNF R416a 1/2" Male ACME-16 Left Hand thread, Anti-Clockwise R-1234yf, R1234yf, HFO1234yf, HFO-1234yf Brass Caps, Plastic Retainer Strap Blue Low Side system compressor Suction, Red High side system supply compressor automotive AC Cylinder adapters ports with caps for new refrigerant R-1234yf, R1234yf, HFO1234yf, HFO-1234yf

Schraderventil R-1234yf, R1234yf, HFO1234yf, HFO-1234yf mit 3-Weg Einlötlutzen für Rohre, Lötlutzen, Ventileinsatz, Ventilkappe Komponenten für die Kältetechnik, Übergangsstück mit Ventildrucker Kälte-Klima