Camel Schrader No. Quantity No

Used for .453" diameter rim holes. Do not use on tires that exceed 65 PSI or on rims that exceed .156" thickness.

TR 413. 1-1/4" Effective length.

4 pack*	30-130	
50 pack	30-136-50	413SC-50
500 pack	30-136-500	413SC-500

TR 418. 2" Effective length.

2 pack*	30-186
50 pack	30-186-50

418SC-50 500 pack 418SC-500

### TR 412 Snap-In Valve

Fits smaller wheel sizes like hand trucks, wheelbarrows, golf carts, and other specialty vehicles with .453" diameter rim hole. Effective length 7/8". Maximum inflation pressure 60 PSI.

2 pack 50 pack 500 pack

412-500 TR 413. 1-1/4" Effective length.

2 pack\* 10 pack

50 pack 413-50 413-500 500 pack

TR 414. 1-1/2" Effective length.

2 pack\* 30-414-2 10 pack

50 pack 30-414-50 414-50 500 pack 414-500

TR 418. 2" Effective length. 2 pack\* 30-418-2

10 pack 50 pack 30-418-50

418-50 500 pack 418-500

TR 423. 2-1/2" Effective length.

4 pack\* 10 pack 30-423-10

50 pack 423-50 30-423-500 500 pack 423-500

Do not use snan-in valves on tires that exceed a cold inflation pressure of 60 PSI. Do not use on rims that exceed .156 thickness.



## Snap-In Valves for .625" Rim Holes

TR 415. 1-1/4" Effective length.

2 nack\* 30-415-2 10 pack 30-415-10

50 pack 30-415-50 415-50 500 pack

415-500 TR 425. 2" Effective length.

4 pack\* 30-425-4 10 pack

50 pack 30-425-50 425-50 500 pack 425-500

TR 600 "HP" Tubeless High Pressure Snap-In Valve. Rated to 100 PSI, includes core and cap. .453", 1.27" effective length. Not for rims over 205" thick.

2 pack\* 30-600-2 10 pack 30-600-10

30-600-50 50 pack 600HP-50 500 pack 30-600-500 600HP-500

TR 801.

412-50

.625" rim hole and 1.31 effective length. 500 pack 30-801-500 801HP-500

Used to dress-up rubber snap-in valves. Includes 4 sleeves and 4 chrome nuts. Display packed.

4 pack\* 30-316-4 (Fits TR413) 4 pack\* 30-318-4 (Fits TR418)

**TUBELESS SNAP-IN TIRE VALVES** WARNING: The conventional tubeless tire snap-in valves on this page should not be used with tubeless tires where cold inflation exceeds (or may exceed) 65 PSI. Do not use these valves in rims exceeding .156" in thickness. For thicker applications use a high pressure snap-in or a clamp-in valve. To protect you and your tires, all tire valves should be replaced when cracks first appear. New tire valves are recommended each time











Camel	Schrader	TR		В				
No.	No.	No.	A	REF.	Yo	Cap	Core	0-Ring
Truck Tu	halace Values	- 540 C	arine					



Designed for use with 9.7 cm (.328") rim hole. Rubber O-Ring forms a seal when valve is clamped to rim by tightening hex nut. Designed specifically for use in aluminum wheels

32-541-10	543	543	2.31		0	7572	5405	543-3
32-543-10	543D	543D	2.31	1.38	60	7572	5405	543-3
32-545-10	543E	543E	2.31	1.38	75	7572	5405	543-3
32-544-10	544D	544D	2.86	1.94	60	7572	5405	543-3
32-547-10	545D	545D	3.50	2.60	60	7572	5405	543-3

	Schrader	Fits Valve	For Use	Standard
	No.	Hole Dia.	On	Pack
0-Rings	543-3	.328"	TR 540 Series	100



Camel No.	Schrader No.	TR No.	Fits Valve Hole Dia.	For Use On	Standard Pack
Grommets					
0-469-100	9939-3	RG-39	.625"	TR 416	10 per env., 10 env./box
	5976-5	RG-54	.453"	TR 416	10 per env., 10 env./box
2-985-100	595-3	RG-15	.625"	TR 570 Series	10 per env., 10 env./box
2-946-100	509-3	RG-46	.625"	TR 509, TR 510	10 per env., 10 env./box

Camel	Schrader	TR	Effective
No.	No.	No.	Length

Use on one piece drop center rims with 13/16" rim holes. First bend is 90°, the second is 25°,

32-304-10	504A	3-3/8"
32-305-10	505A	3-3/4"

For one piece drop center aluminum disc wheels with 5/8" rim holes. Has 90° bend.

32-309-10	509-10	509	4-3/4
32-309-100		509	4-3/4
32-309-250		509	4-3/4
32-310-2*		510	5-1/2
32-310-10	510-10	510	5-1/2
32-310-100		510	5-1/2
32-310-250		510	5-1/2









Camel Schrader TR Quantity No. No. No

TR 430 Tubeless Clamp-in Motorcycle Valve

Fully threaded stem for use on many rim thicknesses, "O" ring seal.

Effective length 1-3/16", fits .327" valve hole.

430 10 pack 6205

Use on Cadillac El Dorado and Oldsmobile Toronado through 1978.

5 nack 5976A 417

5976-5

Camel No. Schrader No. Packaging

Chrome plated clamp-in valves are easily installed in all types of passenger car wheels with .453" or .625" valve holes.

5991B-50 5991B-500 4 per 1 card 50 per box 500 per box

Camel Amflo Schrader TR Effective No. No No.

No.

Lenath

Packaging

AMFLO #703

Nickel plated metal valves can be installed in all passenger cars, light trucks and industrial rims with .453" or .625" valve holes. Rubber grommet forms a seal when valve is clamped to rim by tightening hex nut. Maximum inflation pressure is 130 PSI. Includes 2 rubber grommets.

30-463 702D\* 416 1-1/4" 1 per box 702 416 1-1/4" 10 per box 30-463-50 702-50 3640-50 416 1-1/4" 50 per box 30-463-500 3640-500 416 1-1/4" 500 per box 3641-50 416 2" 50 per box

Hex Nut. TR No. HN-4. Fits tread .406"-28. For use on TR 416, 500 pack.

777-2

Replacement grommet for .453" hole

5976-5

Replacement grommet for .625" hole

9939-3

### CAUTION:

Due to production techniques, the rim valve hole should be checked for burrs and cleaned if necessary.





These products, as well as all tire tools should only be used by trained individuals according to O.S.H.A. Regulation #29CFR 1910.177 entitled "Servicing Single Piece and Multi-Piece Wheels.'



\*Display Packs









Camel No.	Schrader No.	TR No.	Effective Length	Hex Nut
Straight Clar	np-in Valve			
For use in one mount valve h	piece drop center oles.	rims with	5/8" diamete	er side
32-200-2*		500	2"	595-4
32-200-10	595-10	500	2"	595-4
32-200-100	595-100	500	2"	595-4
32-200-250		500	2"	595-4
32-201-10	570-10	570	3-1/8"	595-4
32-201-100	570-100	570	3-1/8"	595-4
32-201-250		570	3-1/8"	595-4
32-202-2*		571	3-3/8"	595-4
32-202-10	571-10	571	3-3/8"	595-4
32-202-100	571-100	571	3-3/8"	595-4
32-202-250		571	3-3/8"	595-4
32-203-10	572-10	572	3-3/4"	595-4
32-203-100	572-100	572	3-3/4"	595-4
32-203-250		572	3-3/4"	595-4
32-204-2*		573	4-3/8"	595-4
32-204-10	573-10	573	4-3/8"	595-4
32-204-100	573-100	573	4-3/8"	595-4
32-204-250		573	4-3/8'	595-4
32-205-10	501-10	501	1-1/2"	595-4
32-205-100	501-100	501	1-1/2"	595-4
32-205-250		501	1-1/2"	595-4
32-207-10	5538-10	575	1-1/8"	595-4
32-207-100	5538-100	575	1-1/8"	595-4
32-207-250		575	1-1/8"	595-4
32-208-50	574-10	574	5"	595-4
32-208-100	574-100	574	5"	595-4

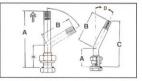
These valves may be bent to the desired configuration in accordance with tubeless valve dimension chart in section eight (8) of Tire and Rim Book, made to order.

574

595-4

### \*Display pack

Used on Volvo, Mack and Iveco imported trucks. Fits .382 dia. (9.7mm) rim hole. Includes O ring, nut, core and cap. 10 pack. (See chart on right.)



Camel No.	Michelin No.	Schrader No.	Etro No.	DIN NO.	A*	B*	C*	D
		1080		65MS9.7	.98/25	.98/25		27°
32-600-10	964	1083	V3-20-1	41MS9.7	.98/25		1.42/36	0°
32-604-10	1500	1129	V3-20-7	65MS9.7	.98/25	1.97/50		27°
32-608-10	1485	1130	V3-20-4	87MS9.7	.98/25	2.36/60		27°
		1131		95MS59.7	.98/25	2.76/70		27°
32-612-10	1437	1132	V3-20-6		.98/25	3.35/85		27°

32-208-250





Schrader No. Effective Lenath Packaging

### **Chrome Truck Valves**

Chrome Plated Clamp-In Type Truck and Bus Tubeless Tire Valves.

For .625" side hole valve mountings.

501CR-100 1-1/2" 100 per box 572CR-100 3-3/4" 100 per box 573CR-100 4-3/8" 100 per box

Camel No. TR No. Lenath

### Tube/Screw on Valves

33-150-5 TR 150 Hand Bendable Valve. Used in light truck tubes. May be applied with vulcanizer or cement. Effective length 3-1/2" shank diameter .615". Available in packs of 5 and 100.

Standard Tube Convertible Valves. Valves can be bent as needed. May be applied with heat vulcanization or Universal Cement.

33-304-5 77A 4-29/32 33-306-5 78A 5-25/32 33-306-10 78A 5-25/32 175A 5-9/32" 33-310-100 175A 5-9/32" 33-314-5 6-11/32"

Replacement Hex Nut. For use with standard convertible valves for truck tires 33-075 (25 pk.) Schrader No. 595-4 (1000 pk.)

Screw-On Repair Valves. Convertible from single bend to double bend. Includes bridge washer. These repair valves permit replacing damaged curedin or cured-on valves without cutting out old valve base. Schrader 7799 VALVE HOLDING TOOL is recommended for gauging cut-off length of damaged valve to proper length for attaching these valves. Dimensions are the same as original valves. Repair valves are supplied in single-bend form with bridge washers.

1075A 3" 33-004-10 1077A 4-1/8" 33-006-10 1078A 5" 33-006-50 1078A 5" 1175A 4-1/2" 33-010-10 1175A 4-1/2" 33-012-10 1177A 3-3/4" 1179A 5-9/16"

Camel No. Michelin No. Bend Length

### Michelin Type Truck Tube Repair Valves

Includes standard valve core which fits housings manufactured to I.S.O. specifications. 33-118-5

Single 33-399 Special flat washers must be used with repair valves. (above). 5 pack.

5-1/4"

Camel No. Schrader No.

### **Specialty Truck Valves**

Oval Slot Valve. Designed for Firestone 16 x 6 KS and 16 x 6-1/2 LS wheels. Completely assembled with grommets, washers, hex nut, valve core and valve cap. 10 pack. (See caution below)

32-400-10 1161

CAUTION: Due to production techniques, the rim valve hole should be checked for burrs and cleaned if necessary.











# Special Valves











WARNING: Product is designed for use with compressed air tanks. Be certain the tank valve is securely threaded into the vessel or tank wall. Read air tank manufacturer's caution statement regarding maximum air pressure. Do not attempt to over fill tank. Failure to follow these specifications and directions exactly may result in personal injury and/or property damage.

For air tanks, steel barrels, compressors, and other pneumatic containers where dependable automatic air valves are needed. Valves are equipped with standard valve core and sealing caps for operating pressures to 200 PSI. These valves have NPT male threads and allow for external length variations by use of short core only or internal protrusion of core housing into container.

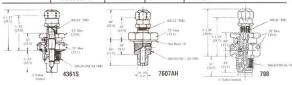
Schrader No.	Descr.	Standard Pack	Stem	Core	Сар	NPT	Stem Material
645L-6	Tank Valve	25	645-1	8500T	6300C	1/8"	Brass/NP
9166L-8	Short Tank Valve	25	9166-1	8500T	7572	1/8"	Brass/NP
1468L-6	Tank Valve	25	1468-1	8500T	6300C	1/8"	Brass/NP
1498L-6	Tank Valve	25	1498-1	8500T	6300C	1/4"	Brass

Camel No.	Amflo No.	NPT	Effective Length	Pack
38-900-10	700	1/8"	29/32"	1 pack
38-906-10	701-2	1/8"	17/32*	10 pack
	701-42	1/4"	3/4"	10 pack
		1/4"	harhed	10 pack

<sup>\*</sup>Display Package +Amflo No. 700 is available in 10 pk.

These valves are constructed of special stainless steel bodies and are intended for use in high pressure air-charged units such as shock absorber struts, hydraulic pressure accumulators, surge cylinders, and pneumatic systems. These valves have a special feature which warns of unreleased air pressure when the valve is being separated from the outlet. Contact our customer service department for further information on military and commercial adaptions. 1/2"-20 U.N.F.-3A threads for connection to container.

Schrader No.	AN/MS No.	Cap	Core	Working Pressure
7607AH	AN-812-1	2525	2300T	2,000
4361S	AN-6287	2525	2300T	3,000
798	MS28889-2	2525		5.000



These high-pressure inflating connections attach securely by hand or wrench to the valve cap threads of highpressure valves. Can be fitted to gauging and inflating devices by a variety of methods. Various angles permit easy attachment to hard to reach valves.

Schrader No.	Fits Thread Size	Air Line Connection	Max. Pressure Rating (PSIG)	Configuration	Recommended Max. Torque To Valve Mouth*	Remarks
556	.305-32	1/8" NPT Male	3,000	Air line connection 90° to axis of valve	50 inlb.	Has core depressor pin copper sealing washer
2755	.305-32	3/8"-24 thread for 3/16" flare tube fitting, meets MS 33656E3	3,000	Air line connection 90° to axis of valve	50 inlb.	Has core depressor pin, copper sealing washer
5007	.305-32	7/16"-20 thread for 1/4" flare tube fitting, meets MS 33656E4	15,000	Straight	75 inlb. for steel valves	Copper sealing washer
6116	.305-32	1/8" NPT Female	3,000	Air line connection 70° to axis of valve	30 inlb.	Hard fiber sealing washe
5784	.305-32	7/16"-20 thread for 1/4" flare tube fitting, meets MS 33656E4	5,000	Air line connection 70° to axis of valve	30 inlb.	Hard fiber sealing washe

It may be necessary to replace sealing washers after a number of uses to insure sealing on valve mouth.







Camel Schrader Standard No Pack No.

### Hi-Performance Valve

For 1987-88 model year Corvette. Black chrome finish. 1-1/4" Effective length.

30-400-10 10 pack

### Rubber Washer Repair Kit

Ten assorted rubber washers for 30-463. 1 kit/bag, 10 bags/box.

30-468 9939-3 5976-5

Special compound cushion gum base allows bonding of valve to the tube using hot or cold (chemical bond). 5 per pack.

Camel No.	Shank Diameter	Effective Length	TR No.	
31-013-5	.406	1-3/8"	13	
31-015-5	.651	1-3/8"	15	
31-251-5	.651	1-15/16	25	

Camel

No.

Rubber base tube valves are for replacement on implement, scooters, and trailer tubes. May be applied with either "hot" or "cold" vulcanizing.

31-194-10

Camel No.

Used to reduce the size of large rim holes so TR-13 valve fits more snugly. 100 per pack.

31-336-100

Schrader No.	Fits Valve Hole Dia.	For Use On	Standard Pack
0-Rings			
543-3	.328"	TR 540 Series	100

\*Display Package.



















# Standard Bore Air-Liquid/Agricultural Valves

Camel

No.



Schrader No.

TR No.

Effective Length

Pack

Clamp-in valves feature a removable 5789 core housing to permit fast filling of tires with liquid ballast solution. Fits .625" valve hole.

5880

618A

1 5/16"

5 per box



Tractor Front Wheel Valve. Low profile tubeless valve offers minimum protrusion above rim hole. Brass finish. Fits .625" valve hole.

> 9/16" 6008BS (same as 6008B except it fits .453" rim hole.)

10 per box 10 per box



Core Housing. Screws into air-liquid valves and extensions shown here. Features O-ring seal. 34-963 5789 (TR-CH-3) 10 per box

Core Housing. Screws onto base of old TR218 and TR220 tube valves. 9252 (TR-CH-1)

34-952 Nylon Rim Nut.

34-282

10 per box



5370A

5370A 100 per box

### Fluid Adapter

Fits standard bore air-water valves (tube & tubeless), after core housing is moved to extension mouth.

Fluid Adapter Set. Permits fast filling of tires for ballast. Fits tube and tubeless valves and extensions shown here (core housing removed). Includes extra bushings listed for standard bore valves and old 9251-type valves. Button valve on side releases air displaced by fluid. Hose connection is 3/4" standard garden hose.

34-955

5791C

1 per box













Schrader valve extensions provide a seal against contaminants while extending the valve mouth for convenient access. Fits standard .305-32" valve cap threads.

Camel Amflo Schrader Packaging No. No No

Double Sealing Extensions. Valves have two O-rings for high pressure applications.

50 pack 38-313-50 38-313-100 100 pack 1046-250 250 pack 38-313-500 500 pack

1046-1000 1.000 pack

# Chrome Plated Brass 3/4" Extensions. Long lasting chrome finish.

4 pack\* 38-314-4 38-314-50 3680C-10 50 pack 38-314-500 500 pack

## Chrome Plated Brass 1-1/4" Extensions. Long lasting chrome finish.

4 nack\* 38-315-4 944D 50 pack 38-315-50 3680G-10 38-315-500 500 pack

## Black Nylon 3/4" Extensions.

38-324-4 4 pack\* 10 pack 38-324-10 50 pack 38-324-50 5066C-50 38-324-500 500 pack Black Nylon 1-1/4" Extensions.

4 pack\* 38-325-4 10 pack 38-325-10 38-325-50 50 pack

5066G-50 38-325-500 500 pack

# Black Plastic 1-1/2" Extensions.

4 pack\* 38-326-4 10 pack 38-326-10 38-326-50 50 pack 38-326-500 500 pack

\* Display package

















Operating Operating Openina Sealing Camel Amflo Schrader Pressure Temp. Pressure Material No. No No Range (PSI) Range (°F) (PSIG) Plua / Plunaer



Pack

Size

### Standard Valve Cores

These valve cores all have .206"-36 threads and are compatible with existing USA, ETRTO and ISO standards.

Recommer	ided for all	truck, bus	and commercial a	pplications. Meet	s spec	ification ZZ	-V-25 and	TR C-1.
		5405V	0-200 psia peaks of 300	-65 to +300 peaks of +400	90	Red Teflon	White Silicone	100
General pu	rpose valve	e use. Mee	ts specifications Z	Z-V-25 and TR-C-	1.			-
38-790-4	945D**		0-200 psia peaks of 300	-40 to +225	60	Green Teflon	Black Nitrile	4*
38-790-100	945-100	8500TV	0-200 psia peaks of 300	-40 to +225	60	Green Teflon	Black Nitrile	100

Aircraft shock st	rut and hydraulic	accumulator use.	Meets specific	ations AN	I-809-1 and	d MIL-C-54	499.
	2300TV	0-2000 psig (ailed) 70-2000 psig (dry)		100+	Molded Nitrile	Black Nitrile	100
lydraulic accum	1			1	laca i I	D1 1	1
	9914A	0-2000 psig (oiled)		70	Natural	Black	100



	General purpose high	n-pressure,	heat-resisting appli	cations. Meets sp	pecifica	tion MIL-V-	27317 and	TRC-4
- 1		6035	0-400 psig peaks of 500	-65 to +350 peaks of +500	70	Natural Teflon	White Silicone	100

This valve core has .305"-32 threads and is compatible with existing USA standards for large bore valve housings. General purpose. Meets specification TR-C-2.

37-828-10 6231 0-200 psia

-65 to +300 55 Natural White 100 Teflon Silicone



CAUTION: These products should not be used in applications which do not fully comply with recommended operating specifications. For use other than specified, or with media other than air or inert gases when not specified, consult for manufacturer approval.







37-828/6231







# Valve Caps

Sealing Operating Operating Camel Amflo Pack Schrader TR Washer Pressure Temperature No. No. No. Number Material Range (PSIA) Range (°F) Size



# Fit .305"-32 Threads on Standard Type Valves

38-772-4*			VC3	Nitrile	0-200	-40 to +165	4*	Same as No. 7572V	N/P
38-772-100	941-100	7572V	VC3	Nitrile	0-200	-40 to +165	100	Dome-shaped top and guide on skirt for easy application to valve threads.	N/P
		7572B	VC3	Nitrile	0-200	-40 to +165	100	Same as No. 7572V	Black
		75728		Nitrile	0-200	-40 to +165	100	Same as No. 7572V, but has shorter skirt.	N/P
38-600-4*			VC2	Nitrile	0-200	-40 to +165	4*	Same as No. 2316C	N/P
38-600-100	940-100		VC2	Nitrile	0-200	-40 to +165	100	All purpose cap with screw-	N/P
		2316C	VC2	Nitrile	0-200	-40 to +165	100	driver top for removing and inserting valve cores. Has	Black



Heavy Du	w and Has	t Racieti	nn Cone						
neavy ou	y and nea	440V	ny Gaps	Nitrile	0-250	-40 to +200	100	Heavy-duty cap with special heat resistant rubber washer. Has guide on skirt for easy application to valve threads.	N/P
		2525	VC 5	Neoprene	0-5000	-65 to +160	100	Made from hexagon rod for wrench application. Maximum torque 10 inch-pounds. Has special sealing washer for high pressure use. Conforms to Military Spec. MIL-C-5000 and MS-20813.	Yellov
38-712-4*		Ĩ		Nitrile	0-250	-40 to +200	4*	Same as No. 5998	Chron
38-712-100	949-100	5998		Nitrile	0-250	-40 to +200	100	For use on chrome sleeve and high performance valves.	Chron

Plastic Ca								
38-505*	943D**		VC 8	0-100	0 to +100	4*	Same as No. 660V	Black
38-505-100	943-100	660V	VC 8	0-100	0 to +100	100	Black flexible plastic cap has	Black
		1155		0-200	-40 to 165	100 <sup>+</sup>	no sealing unit.	Black
38-505-500	0		VC 8	0-100	0 to +100	500	Same as No. 660V	Black

<sup>\*</sup> Display pack. \*\*5 pack. †Has sealing unit. For use on cars, trucks and commercial applications.

**CAUTION:** These products should not be used in applications which do not fully comply with recommended operating specifications. For use other than specified, or with media other than air or inert gases when not specified, consult for manufacturer approval.







Description

guide on skirt for easy application to valve threads. Finish





