



COMMERCIAL FLEET SOLUTIONS
NORTH AMERICA



THE
ORIGINAL
V2B™



TIRE
VALVES



WHEEL
BALANCE
PRODUCTS

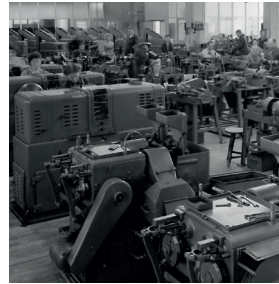


A century of success

Global valve leader since 1920

Richard Steiff was the inventive nephew of Margarete Steiff, the owner of the Steiff Toy Company that began in Germany in 1877. Richard was responsible for the founding of the ALLIGATOR Valve Factory in 1920, as a subsidiary of his aunt's company. During the great bicycle boom after World War 1, Steiff started establishing industrial mass production for bicycle tire valves. The "ALLIGARO Easy Pump" bicycle valve was the first major invention and was the predecessor of the later world famous ALLIGATOR Express Valve.

Since the very beginning, every ALLIGATOR valve is known for superb quality, superior air tightness, easy use, and backed by world-class customer support. These traditions will never change.



Source: Alligator Ventilfabrik GmbH

The Original V2B™ double seal cap

Imitations are not the same. Use the original!

Regularly checking tire air pressure is a way of life for heavy-duty haulers and their maintenance teams, all to increase tire tread life, lower fuel consumption, and keep drivers safe and comfortable while on the road. However, checking tire air pressure can be time consuming, uncomfortable and even dangerous if the correct tools and replacement products are not used each time.

The Original V2B™ from ALLIGATOR has been around for over 50 years and has successfully sealed air pressure in hundreds of millions of tires. Designed to be safe and reliable, just like the person who installs them. Use the trusted brand. Use ALLIGATOR.

Save Time & Money

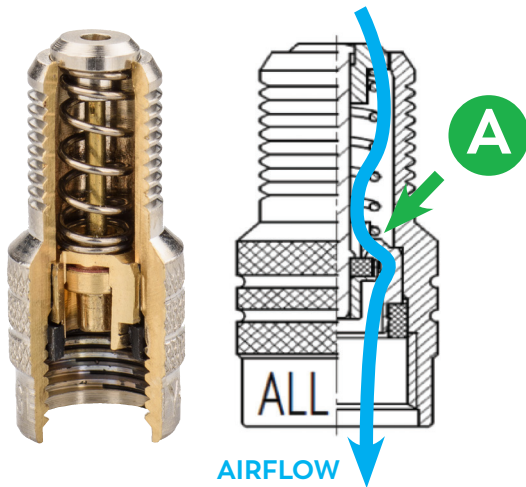
- The Original V2B™ doesn't need to be removed to check air pressure or to add air, saving you up to 65% of the time typically involved.
- Proper air pressure greatly impacts fuel consumption, which greatly impacts total costs

Trusted Experience

- The Original V2B™ was invented in the 1950's
- Hundreds of millions of V2B™ caps have been installed with superb results

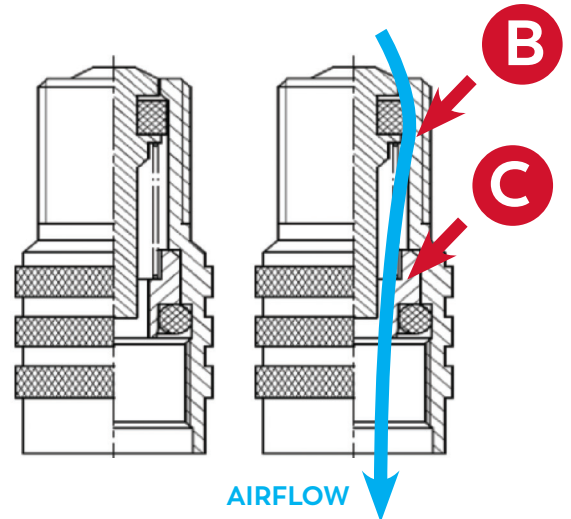


The Original V2B™



- A**
 - Seal is away from opening
 - NO direct path to the seal
 - Holds 100 psi pressure without core
 - Dirt directed away from airflow
 - TRUE heat-resistant, double seals
 - Grooves, no threads

The Competition



- B**
 - Seal is near the opening
 - Dirt has a short, direct path
 - Holds no air without core
- C**
 - Dirt is sucked into airflow

Real world advantages that matter!

- Gauging and inflating happen directly through valve cap
- Fits all standard valves
- No replacement necessary - it lasts as long as the valve itself
- Clip-on air chucks hold more reliably to the grooved surface
- The completely sealed end face is dirt and water repellent
- Double Seal Valve Cap has two built-in, heat resistant grommets - preventing air pressure loss even when the valve core is damaged or dirty

Quick & Easy Install

1. Remove old valve caps
2. Inspect the valve head for damage and replace if necessary
3. Install the V2B™ cap and hand tighten - READY TO ROLL

Part No.	Description	Box UPC	Boxes Per Case	Pieces Per Case
330709	V2B™ 50 pack	850374006678	42	2,100
330712	V2B™ 250 pack	850374006951	8	2,000

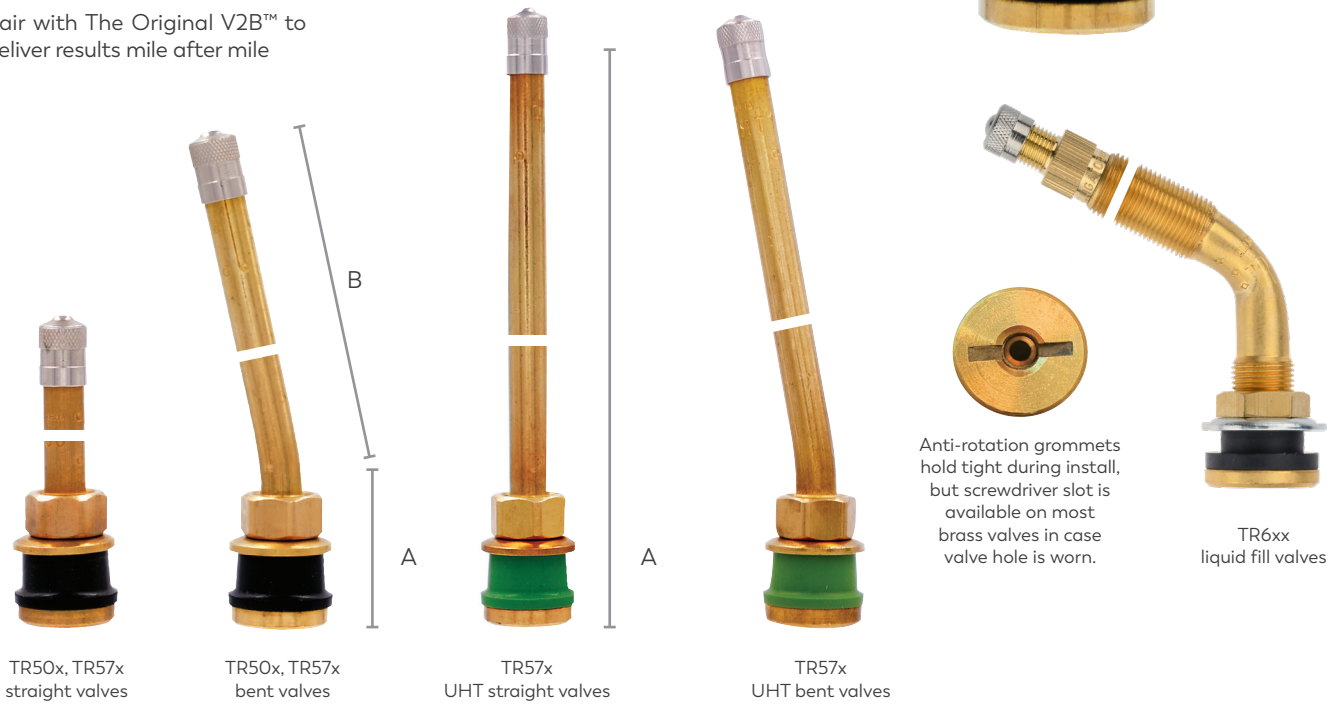
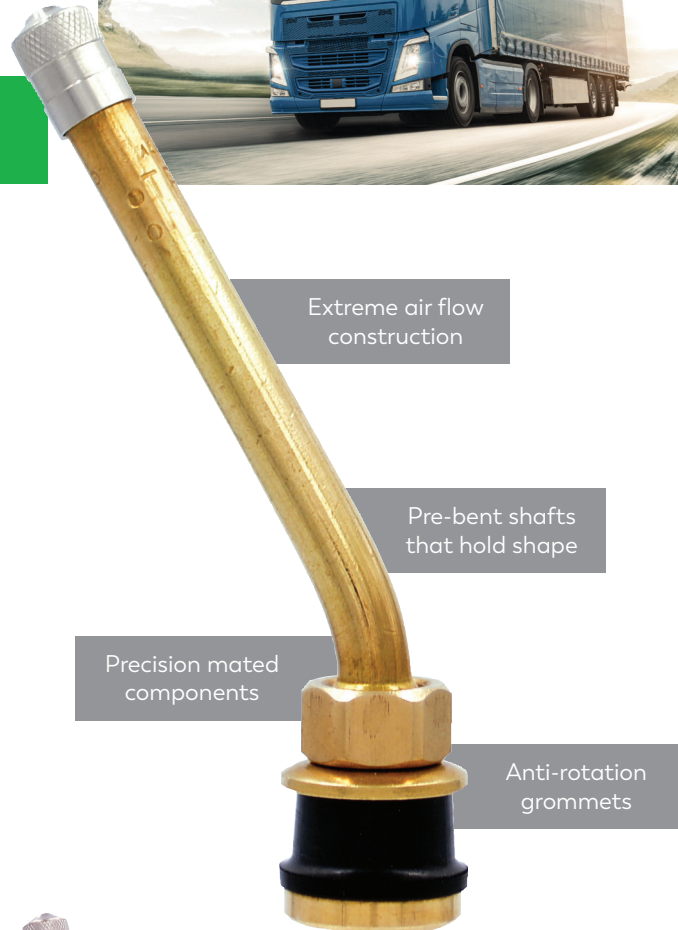


Quality comes standard

Be safe. Use ALLIGATOR.

ALLIGATOR commercial brass valves for haulers, buses and agricultural equipment are designed to deliver a premium experience and ensure safety while on the road or in the field. Our valves deliver features with clear advantages to maintenance teams and drivers:

- Consistent, high-malleability, brass is used for each component (stem, nut and washer) delivering increased corrosion resistance
- Precision matched threads (stem and nut) ensure max torque values can be achieved, upwards of 450 in-lbs of torque has been reached during testing without failure
- Air flow rates on all ALLIGATOR commercial valves set the standard within the industry, with upwards of 15% increased speed for inflating and deflating versus the competition
- Proprietary, anti-rotation grommets are manufactured from EPDM or FMK rubber to provide stellar surface conformance, maximum torque-load ability and superb heat-resistance
- Made in Europe with premium German designs
- Pair with The Original V2B™ to deliver results mile after mile



Anti-rotation grommets hold tight during install, but screwdriver slot is available on most brass valves in case valve hole is worn.

TR6xx liquid fill valves

TR50x, TR57x straight valves

TR50x, TR57x bent valves

TR57x UHT straight valves

TR57x UHT bent valves



090308 EPDM black grommet -40° to 350° F



090310 FMK green UHT grommet UHT = Ultra high temperature -40° to 440° F

Why choose ALLIGATOR valves?

EXPERTISE	QUALITY	SECURITY
100 years of success	OEM approved	premium performance

Brass Commercial Valves for 0.625" Valve Hole

Part No.	TR # / Description (ETRTO #)	A Length (inches/mm)	B Length (inches/mm)	Pieces Per Bag	Pieces Per Case
751602	TR500 straight (V3-21-3)	2.00" / 51	-	25	300
751622	TR500A w/ 23-degree bend	1.02" / 26	0.98" / 25	25	300
751999	TR500A w/ 23 degree bend w/o cap & core	1.02" / 26	0.98" / 25	25	300
751112	TR501 straight (V3-21-2)	1.50" / 38	-	25	300
752192	TR570 straight (V3-21-4) ◆	3.13" / 79.5	-	25	300
752692	TR571 straight (V3-21-5) ◆	3.38" / 86	-	25	300
752629	TR571 w/ 13-degree bend	1.50" / 38	1.88" / 48	25	300
753192	TR572 straight (V3-21-6) ◆	3.75" / 96	-	25	300
753197	TR572 straight (V3-21-6) unassembled*	3.75" / 96	-	25	250
097591	TR572 straight (V3-21-6) w/ UHT green grommet	3.75" / 96	-	25	300
753127	TR572 ASC straight w/ UHT green grommet	3.75" / 96	-	25	300
753922	TR572 w/ 13-degree bend ◆	1.50" / 38	2.25" / 57	25	300
753921	TR572 w/ 13-degree bend w/ UHT green grommet	1.50" / 38	2.25" / 57	25	300
753199	TR572F w/ 26-degree bend	1.50" / 38	2.25" / 57	25	300
753119	TR572 w/ 31-degree bend ◆	1.50" / 38	2.25" / 57	25	300
753692	TR573 straight (V3-21-7) ◆	4.38"	-	25	300
753697	TR573 straight (V3-21-7) unassembled*	4.38"	-	25	250
097596	TR573 straight (V3-21-7) w/ UHT green grommet	4.38"	-	25	300
753629	TR573 w/ 13-degree bend	1.50" / 38	2.88" / 73	25	300
753628	TR573 w/ 13-degree bend w/ UHT green grommet	1.50" / 38	2.88" / 73	25	300
754192	TR574 straight (V3-21-8) ◆	5.00"	-	25	300
754110	TR574 w/ 21-degree bend	1.50" / 38	3.50" / 89	25	300
097540	TR575 straight (V3-21-1)	1.125"	-	25	300
090308	Replacement grommet (black) -40° to 350° F	-	-	100	500
090310	Replacement UHT grommet (green) -40° to 400° F	-	-	100	500

Brass Air/Liquid Agricultural Valves for 0.625" Valve Hole

Part No.	Description	A Length (inches/mm)	B Length (inches/mm)	Pieces Per Bag	Pieces Per Case
324703	Valve core housing (install at 3 in-lbs torque)	-	-	25	300
544518	TR618A straight air/liquid valve ◆	1.81" / 30	-	25	300
545503	TR621A w/ 65-degree bend liquid fill valve	1.54" / 39	2.95" / 75	25	300
546503	TR622A w/ 90-degree bend liquid fill valve	1.77" / 45	4.53" / 115	25	300
547503	TR623A w/ 65-degree bend liquid fill valve	1.54" / 39	2.24" / 57	25	300

◆ = very popular SKU in the North American market

* = unassembled valves come with all individual components bagged separately in the case

Standard brass valves install at 35-60 in-lbs of torque, Agricultural brass valves install at 45-80 in-lbs of torque

Warning: Bending valves after installation may cause damage, air loss, and potential failure

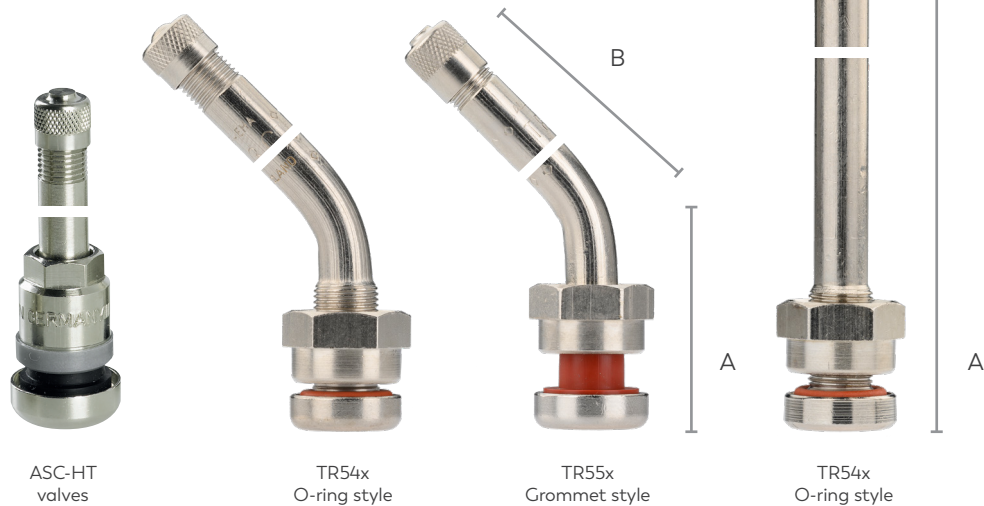
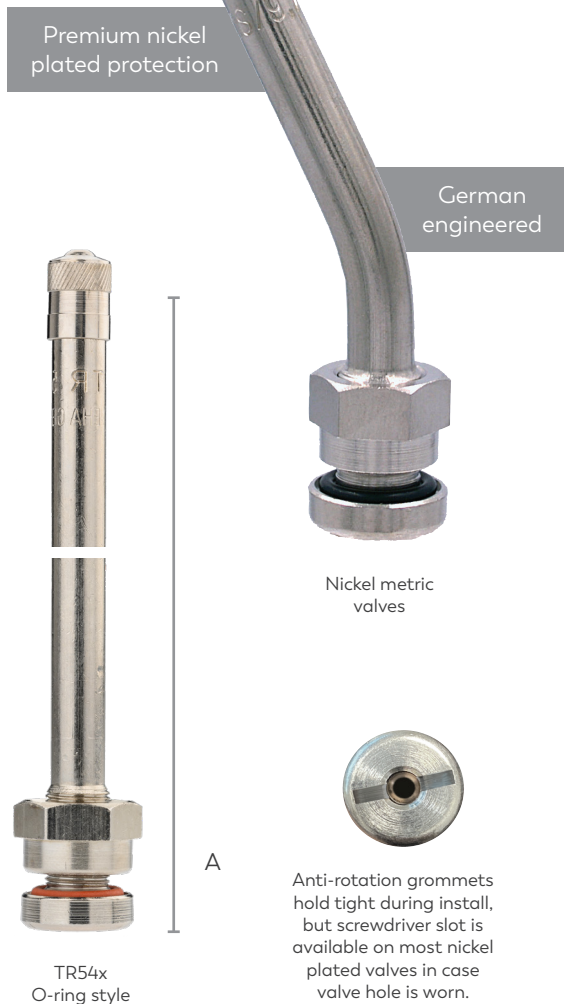


Designed to deliver

Specialty valves built to perform.

ALLIGATOR nickel-plated specialty valves are manufactured in Europe using time-tested German designs. Built to exact standards for a perfect fit in Alcoa, Accuride and other aluminum rims.

- Premium nickel-plated brass provides increased stem hardness and overall superb corrosion protection
- Advanced Sealing Concept (ASC) valves incorporate a specialty rubber grommet and uniquely designed, pocketed valve base, to deliver greater tolerance acceptance for bore hole variances and superior high temperature resistance
- VMQ red rubber grommets and O-rings (T540x & TR55x) support extreme heat ranges (-75° to 550° F) and superior chemical abrasion resistance for Alcoa and Accuride rims



Nickel-Plated ASC-HT Valves for 0.390" Valve Hole

Part No.	Description	Base Length (inches/mm)	Pieces Per Bag	Pieces Per Case
512512	31MS straight Advanced Seal High Temp (ASC-HT) ◆	1.22" / 31	25	300
512573	40MS straight Advanced Seal High Temp (ASC-HT)	1.57" / 40	25	300
512583	47MS straight Advanced Seal High Temp (ASC-HT) ◆	1.85" / 47	25	300
512593	60MS straight Advanced Seal High Temp (ASC-HT)	2.36" / 60	25	300

◆ = very popular SKU in the North American market
 Nickel ASC-HT valves install at 90-130 in-lbs of torque
 Warning: Bending valves after installation may cause damage, air loss, and potential failure

Nickel-Plated Alcoa/Accuride Valves for 0.390" Valve Hole

Part No.	TR# / Description	A Length (inches/mm)	B Length (inches/mm)	Pieces Per Bag	Pieces Per Case
TR54x series O-ring style valves (as seen on many Accuride wheel applications)					
097720	TR542 straight	1.25" / 32	-	25	300
097725	TR543 straight	2.31" / 59	-	25	300
097726	TR543C w/ 45-degree bend ◆	0.93" / 24	1.38" / 35	25	300
097727	TR543D w/ 60-degree bend ◆	0.98" / 25	1.38" / 35	25	300
097728	TR543E w/ 75-degree bend	0.98" / 25	1.38" / 35	25	300
097733	TR544 straight	2.85" / 72	-	25	300
097734	TR544D w/ 60-degree bend ◆	0.98" / 25	1.94" / 49	25	300
097738	TR545 straight	3.50" / 89	-	25	300
779677	TR545D w/ 60-degree bend ◆	0.98" / 25	2.60" / 66	25	300
097739	TR545E w/ 75-degree bend	0.98" / 25	2.60" / 66	25	300
097745	TR546 straight	4.27" / 108	2.60" / 66	25	300
097746	TR546G w/ 36-degree bend	0.98" / 25	3.35" / 85	25	300
097747	TR546D w/ 60-degree bend ◆	0.98" / 25	3.35" / 85	25	300
097748	TR546E w/ 75-degree bend	0.98" / 25	3.35" / 85	25	300
770085	TR546 w/ 115-degree bend ◆	0.98" / 25	3.35" / 85	25	300
097752	TR547D w/ 60-degree bend	0.98" / 25	3.78" / 96	25	300
TR55x series grommet style valves (as seen on many Alcoa wheel applications)					
771510	TR552 straight ◆	1.25" / 32	-	25	300
771515	TR553 straight	2.31" / 59	-	25	300
771520	TR553C w/ 45-degree bend	0.93" / 24	1.38" / 35	25	300
771525	TR553D w/ 60-degree bend	0.98" / 25	1.38" / 35	25	300
771530	TR553E w/ 75-degree bend ◆	0.98" / 25	1.38" / 35	25	300
771540	TR554D w/ 60-degree bend ◆	0.98" / 25	1.94" / 49	25	300
771550	TR555D w/ 60-degree bend ◆	0.98" / 25	2.60" / 66	25	300
771555	TR555E w/ 75-degree bend	0.98" / 25	2.60" / 66	25	300

Nickel-Plated Metric Valves for 9.7mm Valve Hole

Part No.	Description (ETRTO #)	A Length (inches/mm)	B Length (inches/mm)	Pieces Per Bag	Pieces Per Case
773005	41MS straight (V3-20-1)	1.38" / 35	-	25	300
779785	60MS w/ 27-degree bend	0.98" / 25	1.18" / 30	25	300
779786	70MS w/ 27-degree bend (V3-20-5) ◆	0.98" / 25	1.57" / 40	25	300
779117	80MS w/ 27-degree bend (V3-20-7)	0.98" / 25	1.97" / 50	25	300
779560	90MS w/ 27-degree bend (V3-20-4) ◆	0.98" / 25	2.36" / 60	25	300
774196	115MS w/ 27-degree bend (V3-20-6) ◆	0.98" / 25	3.35" / 85	25	300

◆ = very popular SKU in the North American market
 Standard nickel valves install at 80-130 in-lbs of torque, Nickel metric valves install at 100-135 in-lbs of torque
 Warning: Bending valves after installation may cause damage, air loss, and potential failure



Innovative solutions

Patented CVV_{EASY} snap-in valves

In daily operation, delivery vehicle and RV tire valves are exposed to high inflation pressures, high average speeds and high temperatures. Plus, operational efficiency demands quick and easy mounting and dismounting of the valves. The ingenious CVV_{EASY} combines the pressure capacity of a metal valve with the easy mounting of a rubber snap-in.

- Pressure rated up to 100 psi (burst pressure 215 psi) and a temperature range of -40° to 215°F (peak 265°F).
- Unique design and materials make for easy insertion by hand and quick disassembly without special tools.



The patented, green, Thrust Washer is the key to the CVV_{EASY} design. Installs by hand but holds up to 100 psi



Watch a video about CVV > [youtube.com](https://www.youtube.com)



Part No.	Description	Length (inches/mm)	Pieces Per Bag	Pieces Per Case
530020	CVV _{EASY} 40mm snap-in valve (similar length to TR414)	1.57" / 40	100	500
530030	CVV _{EASY} 47mm snap-in valve	1.85" / 47	100	500
530040	CVV _{EASY} 60mm snap-in valve ♦	2.36" / 60	100	500

Extra high-pressure (XHP) snap-in valves

High-pressure valves are necessary for some vehicle applications where mid-to-high speed, heavy loads and stop-and-go traffic are present. ALLIGATOR takes standard high-pressure valves, which typically stop at 85 psi max, to the next level with the 100 psi rated EXTRA high-pressure (XHP) valve.

- Extended brass insert provides superior structural integrity to the entire chamber of the valve delivering superb support for even the trickiest applications.
- Pressure rated up to 100 psi (burst pressure 215 psi) and a temperature range of -40° to 215°F (peak 265°F).



i

Differences are not always easy to see. Note the extended brass insert that adds structural strength on the XHP versus competitive HP.




TR600XHP TR600HP

Part No.	Description	Length (inches/mm)	Rim Hole Size (dia)	Pieces Per Bag	Pieces Per Case
095518	TR600XHP extra high-pressure snap-in valve ♦	1.25" / 32	0.453"	100	500
095545	TR602XHP extra high-pressure snap-in valve ♦	2.00" / 51	0.453"	100	500
521214	TR800XHP extra high-pressure snap-in valve	1.25" / 32	0.625"	100	500

♦ = very popular SKU in the North American market
 Note: Installation by a trained professional is important to ensure proper fitment

Light-duty tubeless snap-in valves

For light-duty fleets, whether it be ride-sharing, package and food delivery, or rental vehicles, today's tires experience higher inflation pressures and higher speed limits than ever before. ALLIGATOR rubber snap-in valves are an industry staple and have been successfully delivering satisfaction for decades.

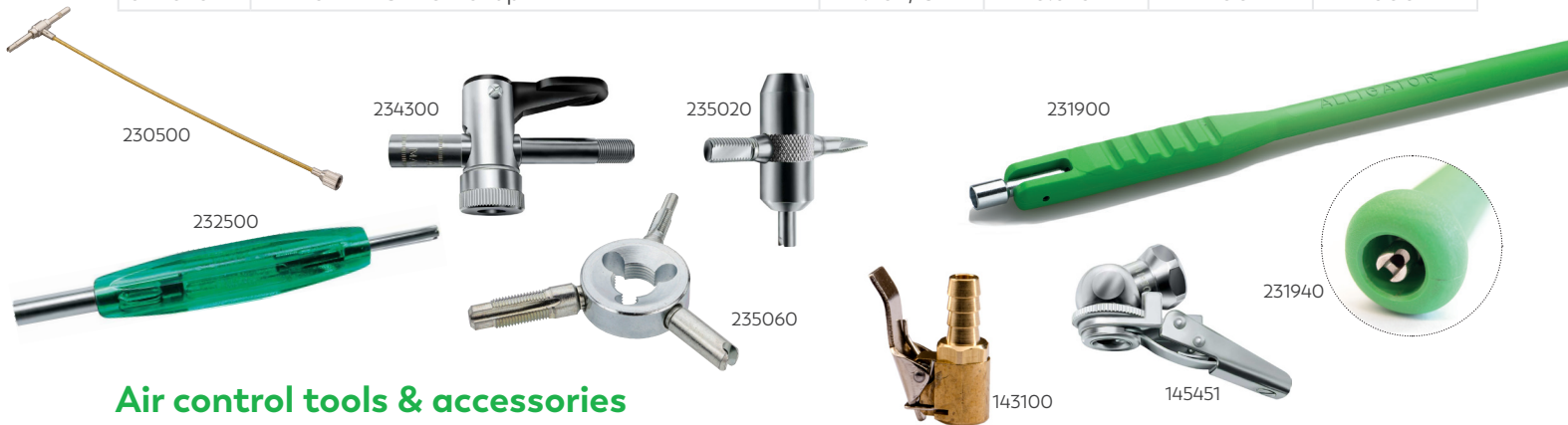
- German engineering and European manufacturing means easy access with fewer supply chain challenges than other valves available in the market
- EPDM rubber, an elongated chamber for faster air fill, and a unique, anti-rotation seat design, using a molded undercut edge, help to hold the valve in place during install and use.
- Pressure rated up to 65 psi (burst pressure 80 psi)
- Each SKU includes a premium high-temp core and ALLIGATOR branded and sealed cap. Always look for the name!



Look for the name!
If it doesn't say
ALLIGATOR, then is it
truly "high-quality"?

ALLIGATOR invented
anti-rotation seat design,
using a molded undercut
edge, delivers a tight seal

Part No.	TR# / Description	Valve Length (inches/mm)	Rim Hole Size (dia)	Pieces Per Bag	Pieces Per Case
529900	TR412 ALLIGATOR snap-in	0.88" / 22	0.453"	100	1,000
529910	TR413 ALLIGATOR snap-in ◆	1.25" / 32	0.453"	100	1,000
529920	TR414 ALLIGATOR snap-in ◆	1.50" / 38	0.453"	100	1,000
529950	TR418 ALLIGATOR snap-in ◆	2.00" / 51	0.453"	100	1,000
524025	TR415 ALLIGATOR snap-in	1.25" / 32	0.625"	100	500



Air control tools & accessories

Part No.	Tool Description	Order Multiple
143100	Air chuck w/ lever end - brass - connection for 7mm dia. hose ◆	10
145451	Air chuck w/ self closing clip - nickel-plated brass - connection for 1/4x18 fitting head	10
234300	Air chuck deflating tool - nickel-plated brass - used for large bore assemblies ◆	10
230500	Valve fishing tool - 8" length - "Never Kink" design - used for large bore assemblies ◆	10
231900	Valve puller - green plastic handle - screw top head ◆	10
231940	Valve puller w/ valve core remover in handle - green plastic handle - screw top head ◆	10
232500	Valve core removal tool (2-way) - standard and large bore (X2-111)	10
235020	Valve repair/rethread tool (4-way) - nickel-plated steel - used for HD truck brass valves ◆	10
235060	Valve repair/rethread tool (3-way) - nickel-plated steel - used for large bore valves	10



Everything for the wheel

HPW Type 505 balancing compound

For heavy-duty haulers, a smooth ride is important to prolong safety, fuel mileage and comfort. Internal balancing compound Type 505 from Hofmann Power Weight delivers all three.

The secret of the Hofmann Power Weight Type 505 balancing compound is Fusion Technology, or the blending of two different size materials to make a perfect product. The larger red kernels concentrate in the center of the tire and dampen the static imbalance. The smaller blue kernels shift more to the outer edges of the concentration and compensate for wobbling, which is caused by dynamic imbalance. The result is a smooth ride for the complete life of the tire.

- Quick and easy install - no balancer required, simply tear open the bag, remove the provided cap and core, and toss the rest into the assembly.
- A smoother ride and reduced rolling resistance mean longer tire life, better tread and contact to road, making every mile more efficient.



Learn more online at >
hofmann-powerweight.com



Part No.	Description	Bags Per Case
0401-5505-120	XS - 4 oz. / 120g bag - filtered valve core and cap included in each bag	16
0401-5505-180	S - 6 oz. / 180g bag - filtered valve core and cap included in each bag	16
0401-5505-230	M - 8 oz. / 230g bag - filtered valve core and cap included in each bag	12
0401-5505-290	L - 10 oz. / 290g bag - filtered valve core and cap included in each bag	8
0401-5505-350	XL - 12 oz. / 350g bag - filtered valve core and cap included in each bag	8

HPW HD zinc clip-on weights

In some areas of the United States, non-lead wheel balance solutions must be provided. HPW zinc HD weights provide a non-lead option that is made to OEM level quality. Made in the USA using premium materials and a 10-year powder-coating, these weights are available in the most popular flange fitments and sizes. Ask your salesman for a complete application listing.



I7Z-series
Standard HD steel rims
1 oz. to 6 oz.



LT1Z-series
Thin flange HD steel rims
0.50 oz. to 6 oz.



TALZ-series
Alcoa & Accuride
aluminum rims
1 oz. to 6 oz.



CTZ-series
Firestone, Budd, etc.
w/ straight flange
2 oz. to 6 oz.

Perfect HD steel adhesives



200624ST QuikStik[®]

Segment details

.25 oz. segments, 0.1875" height, 1" width

Product details - strips

3 oz. per strip, 52 strips per box

Product details - roll

20 lb. roll, 1,280 segments per roll



300360ST QuikStik[®]

Segment details

.50 oz. segments, 0.3125" height, 1" width

Product details - strips

6 oz. per strip, 30 strips per box

Product details - roll

20 lb. roll, 640 segments per roll

Perfect HD lead adhesives



300360 QuikStik[®]

Segment details

.50 oz. segments, 0.2813" height, 0.75" width

Product details

6 oz. per strip, 30 strips per box

Learn more online at >
perfectequipment.com



CL6 QuikStik[®]

Segment details

1.00 oz. segments, 0.2813" height, 0.75" width

Product details

6 oz. per strip, 30 strips per box

CL12 QuikStik[®]

Segment details

2.00 oz. segments, 0.3438" height, 1.25" width

Product details

12 oz. per strip, 8 strips per box

Perfect HD lead clip-on weights

Perfect Equipment branded wheel weights have been around for more than 80 years and are the professional technicians choice for ease-of-use and consistent quality. Perfect HD lead weights are made in the USA and feature domestic sourced lead and hardened steel clips. All major flange shapes and sizes available. Ask your salesman for a complete application listing.



I7-series

Standard HD steel rims
1 oz. to 16 oz.



LT1-series

Thin flange HD steel rims
0.50 oz. to 6 oz.



TAL-series

Alcoa & Accuride
aluminum rims
2 oz. to 8 oz.



CT-series

HD tubeless alloy rims
w/ straight flange
2 oz. to 16 oz.



RC-series

HD alloy rims
(radial commander)
2 oz. to 12 oz.



EVOLUTION OF AIR CONTROL



alligator-valves.com

ALLIGATOR is a brand of



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