

# PREMIER<sup>®</sup>

TIRE VALVE  
VALVE CORE  
TPMS SOLUTION



江阴博尔汽配工业有限公司

JIANGYIN PREMIER AUTOPARTS INDUSTRY CO.,LTD.



|                                                    |           |
|----------------------------------------------------|-----------|
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博尔大楼  
OFFICE BUILDING



车间一角  
PART OF WORKSHOPS







## 企业简介 / BRIEF INTRODUCTION

高品质气门嘴、芯，TPMS胎压监测系统专业生产企业——江阴博尔汽配工业有限公司，是江苏省民营科技企业、中国气门嘴、芯行业副主任委员单位和负责气门嘴、芯国家标准的主要起草单位。公司地处中国工业、经济发达地区江苏江阴，沿江高速公路直达上海约100公里。

公司占地面积72000平方米，建筑面积45000平方米，年产销各类气门嘴2亿套，气门芯6亿支，TPMS传感器100万套（工厂设计年生产能力为500万套），气门嘴安装、轮胎检测、修理等工具类产品8000万件。产能量大，品种齐全，并能按照客户要求开发、设计和制造特种规格的产品。

公司一贯注重技术创新和科学管理，批量产品形成了自动化流水作业生产和全过程质量监控，并建立了ERP信息化管理平台，内容涵盖销售、采购、生产、生产、库存、财务、人力资源和考勤考核。

公司通过了英国劳氏公司IATF16949质量管理体系认证，并每年通过复审维护，“PREMIER”品牌轮胎气门芯被评为中国石油和化学工业知名品牌产品、江苏省名牌产品，“PREMIER”品牌荣获江苏省著名商标。





Jiangyin Premier Autoparts Industry Co., Ltd. ( "Premier" ) is a manufacturer of high quality tire valves, valve cores and TPMS products. It is a private science and technology enterprise in Jiangsu province. It is the vice chairman unit of the China Tire Valves & Cores Industry Association, and the major member unit to draft the Chinese National Standards for tire valves and valve cores. The company is located in Jiangyin, the industrially and economically developed area of China, which is about 100 km away from Shanghai through the Yanjiang Expressway.

Premier covers an area of 72,000 sq. meters, with a construction area of 45,000 sq. meters. It produces and sells 200 million tire valves, 600 million valve cores, 1 million TPMS sensors (designed capacity is 5 million pieces per year), and 80 million pieces of other accessories and tools annually. It produces a complete range of products, and can design, develop and produce customized products.

Premier emphasizes technological innovation and scientific management. The production of the valve cores and tire valves has realized automatic operation with monitoring in all processes, and the ERP information management platform established since 2010 covers sales, purchasing, production, quality, inventory, human resources, attendances and assessment.

Premier has obtained the certificate of IATF 16949 management system through LRQA since 2006, and has passed the management system reviews annually. Premier's tire valve core products were received the titles of "Famous Brand Products" by China Petrol & Chemical Industry Association, "Jiangsu Famous Products" , and "Jiangsu Famous Trademark" ,etc.





## 专注一个行业 智造一流产品

CONCENTRATING ON ONE INDUSTRY,  
INTELLIGENTLY MANUFACTURING FIRST CLASS PRODUCTS.







### PREMIER UNIVERSAL SENSOR 博尔通用传感器

- 通用型可编程传感器
- 双频：315MHz和433MHz
- OE原厂品质
- 传感器重量更轻寿命更长

- Universal programmable sensor
- Combine 315MHz and 433MHz
- Premium OE quality
- Longer battery life, lighter weight



S1-1



S1-2



S2

| PREMIER NO. | 类型<br>Description            | 工作频段<br>Frequency | 特征<br>Features           |
|-------------|------------------------------|-------------------|--------------------------|
| S1-1        | TPMS 传感器<br>Universal Sensor | 315/433MHz        | 固定角度<br>Fixed angle      |
| S1-2        | TPMS 传感器<br>Universal Sensor | 315/433MHz        | 固定角度<br>Fixed angle      |
| S2          | TPMS 传感器<br>Universal Sensor | 315/433MHz        | 可变角度<br>Adjustable angle |

### PREMIER VALVES FOR UNIVERSAL SENSORS 博尔传感器专用气门嘴



TPMS 413



TPMS-AL-1



TPMS-AL-2





| PREMIER NO. | 气门嘴<br>Valve type       | 适配性<br>Compatibility |
|-------------|-------------------------|----------------------|
| TPMS 413    | Brass snap-in valve     | S1-2                 |
| TPMS-AL-1   | Alumimum clamp-in valve | S1-1                 |
| TPMS-AL-2   | Alumimum clamp-in valve | S2                   |

### TPMS 加装胎压监测系统系列产品

#### 乘用车胎压加装方案 太阳能胎压监测系统 R1

- 自学习：无需区分轮胎位置
- 实时监测胎压胎温
- 太阳能供电
- 彩色屏幕
- 支持Bar、Psi单位



R1 fits for passenger vehicles which are not equipped with TPMS from the manufacturers

- Auto-learn and auto-locate
- Real-time monitoring
- Solar energy power supply
- Colorful display screen
- Pressure units: psi or bar



#### 商用车胎压加装方案 商用车胎压监测系统 R2

- 超大显示屏
- 独特的绑带式胎压传感器
- 集远程胎压胎温监测，车队管理，导航，通讯为一体的多功能云端管理系统
- 通配各种轮毂
- 安卓4G系统，可定制数据或平台接口



S3

R2 fits for commercial vehicles which are not equipped with TPMS from the manufacturers

- Large display screen
- Valveless TPMS sensor
- Multi-functioned cloud management system integrating tire pressure and temperature monitoring, vehicle fleet management, map navigator and communication
- Suitable for all kinds of wheels
- Android 4G system, or customized data / platform interface





**PREMIER** 博尔高水平的技术与智慧集中体现在小产品上,一支气门芯,紧紧的安装在气门嘴上,它的作用是让空气平稳地注入轮胎后自动关闭,不让空气向外泄漏。这支小小的气门芯与它精密的密封系统直接影响到轮胎的质量,事关车辆的行驶安全。

**PREMIER's** high level technology and intelligence are concentrated on its small parts. A valve core installed tightly to a tire valve, shuts automatically after a smooth injection of air, and works not to leak out air from tire and wheel. The precise airtight system of this small valve core can protect the safety of a tire or wheel firmly.



9001



9002



9003



9004

## NO.9000

■ 内弹簧式短型气门芯,适用于1号芯腔(5V1)气门嘴;  
Short valve core with inside spring, applied to tire valves with No.1 core chamber(5V1).

| 使用压力范围<br>Working Pressure Range (MPa) | 使用温度范围<br>Working Temperature Range (°C) | 安装扭矩<br>Suggested Installing Torque (N·m) |
|----------------------------------------|------------------------------------------|-------------------------------------------|
| 0~1.5                                  | -40~+100                                 | 0.23~0.56                                 |
| 0~1.5                                  | -40~+150                                 | 0.23~0.56                                 |



8001



8002



8003



8004

## NO.8000

■ 外弹簧式长型气门芯,适用于1A号芯腔(5V1)气门嘴;  
Long valve core with outside spring, applied to tire valves with No.1A core chamber(5V1).

■ 特点:进排气速度快。  
Feature: Fast air flow rate.

| 使用压力范围<br>Working Pressure Range (MPa) | 使用温度范围<br>Working Temperature Range (°C) | 安装扭矩<br>Suggested Installing Torque (N·m) |
|----------------------------------------|------------------------------------------|-------------------------------------------|
| 0~1.5                                  | -40~+100                                 | 0.23~0.56                                 |



7001



7002



7003



7004

## NO.7000

■ 大芯腔短型气门芯,适用于2号芯腔(8V1)气门嘴;  
Large bore short valve core, applied to tire valves with No.2 core chamber(8V1).

| 使用压力范围<br>Working Pressure Range (MPa) | 使用温度范围<br>Working Temperature Range (°C) | 安装扭矩<br>Suggested Installing Torque (N·m) |
|----------------------------------------|------------------------------------------|-------------------------------------------|
| 0~1.5                                  | -40~+100                                 | 0.34~0.56                                 |





## NO.6000



6001

6002

6003

6004

■ 大芯腔长型气门芯，适用于2号芯腔（8V1）气门嘴；  
Large bore long valve core, applied to tire valves with No.2 core chamber(8V1).

■ 特点：进排气速度快。  
Feature: Fast air flow rate.

使用压力范围  
Working Pressure  
Range (MPa)

0 ~ 1.5

使用温度范围  
Working Temperature  
Range (°C)

-40 ~ +100

安装扭矩  
Suggested installing  
Torque (N·m)

0.34 ~ 0.56

## NO.9000 FOR SPECIAL APPLICATION

## AIR-CONDITIONING VALVE CORES



9005

9006

9007

9008

9000 HP



PRVC01



PRVC02



PRVC03

| PREMIER NO. | 特 性<br>Feature                          | 密封圈颜色<br>Barrel washer    | 使用压力范围<br>Working Pressure<br>Range (MPa) | 使用温度范围<br>Working Temperature<br>Range (°C) | 安装扭矩<br>Suggested installing<br>Torque (N·m) |
|-------------|-----------------------------------------|---------------------------|-------------------------------------------|---------------------------------------------|----------------------------------------------|
| 9005        | 耐 R-12, R-22<br>R-12, R-22 Resistant    | 白色透明<br>White Transparent | 0 ~ 3.5                                   | -20 ~ +100                                  | 0.23~0.56                                    |
| 9006        | 耐 R-134a<br>R-134a Resistant            | 蓝色<br>Blue                | 0 ~ 3.5                                   | -20 ~ +100                                  | 0.23~0.56                                    |
| 9007        | 低开启压力 (0-3 psi)<br>Low Opening Pressure | 白色<br>White               | 0 ~ 1.5                                   | -20 ~ +100                                  | 0.23~0.56                                    |
| 9008        | 无铅环保<br>Lead free                       | 绿色<br>Green               | 0 ~ 1.5                                   | -40 ~ +100                                  | 0.23~0.56                                    |
| 9000 HP     | 耐高压<br>High pressure application        | 白色<br>White               | 0 ~ 10                                    | -20 ~ +120                                  | 0.23~0.56                                    |
| PRVC01      | 耐 R-134a<br>R-134a Resistant            | 黑色<br>Black               | 0 ~ 3.5                                   | -20 ~ +120                                  | 0.34~0.56                                    |
| PRVC02      | 耐 R-12, R-22<br>R-12, R-22 Resistant    | 黑色<br>Black               | 0 ~ 3.5                                   | -20 ~ +120                                  | 0.34~0.56                                    |
| PRVC03      | 耐 R-134a<br>R-134a Resistant            | 黑色<br>Black               | 0 ~ 3.5                                   | -20 ~ +120                                  | 0.34~0.56                                    |
| PRVC04      | 耐 R-134a<br>R-134a Resistant            | 黑色<br>Black               | 0 ~ 3.5                                   | -20 ~ +120                                  | 0.34~0.56                                    |
| PRVC05      | 耐 R-134a<br>R-134a Resistant            | 黑色<br>Black               | 0 ~ 3.5                                   | -20 ~ +120                                  | 0.34~0.56                                    |



PRVC04



PRVC05



**VAR**



| PREMIER NO. | D  | L  |
|-------------|----|----|
| VAR-25      | 25 | 35 |
| VAR-28      | 28 | 35 |
| VAR-32      | 32 | 35 |

**VAR-L**



| PREMIER NO. | D  | L  |
|-------------|----|----|
| VAR-40L-25  | 25 | 40 |
| VAR-40L-28  | 28 | 40 |
| VAR-40L-32  | 32 | 40 |
| VAR-48L-25  | 25 | 48 |
| VAR-48L-28  | 28 | 48 |
| VAR-48L-32  | 32 | 48 |

**TAR**



| PREMIER NO. | D  | L  |
|-------------|----|----|
| TAR-25      | 25 | 35 |
| TAR-28      | 28 | 35 |
| TAR-32      | 32 | 35 |





**TAR-L**



| PREMIER NO. | D  | L  |
|-------------|----|----|
| TAR-40L-25  | 25 | 40 |
| TAR-40L-28  | 28 | 40 |
| TAR-40L-32  | 32 | 40 |
| TAR-48L-25  | 25 | 48 |
| TAR-48L-28  | 28 | 48 |
| TAR-48L-32  | 32 | 48 |

**TVAR**



| PREMIER NO. | D  | L  |
|-------------|----|----|
| TVAR-25     | 25 | 35 |
| TVAR-28     | 28 | 35 |
| TVAR-32     | 32 | 35 |

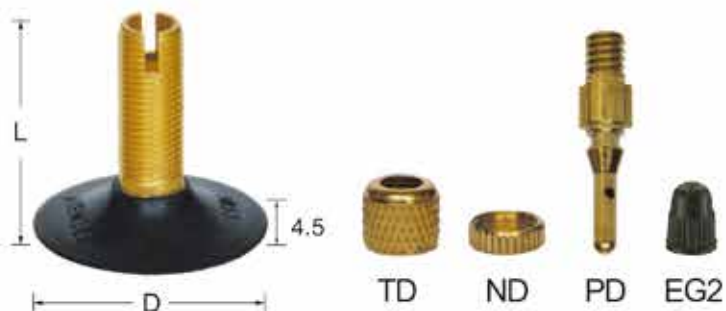
**TVAR-L**



| PREMIER NO. | D  | L  |
|-------------|----|----|
| TVAR-L-25   | 25 | 40 |
| TVAR-L-28   | 28 | 40 |
| TVAR-L-32   | 32 | 40 |
| TVAR-L-25   | 25 | 48 |
| TVAR-L-28   | 28 | 48 |
| TVAR-L-32   | 32 | 48 |

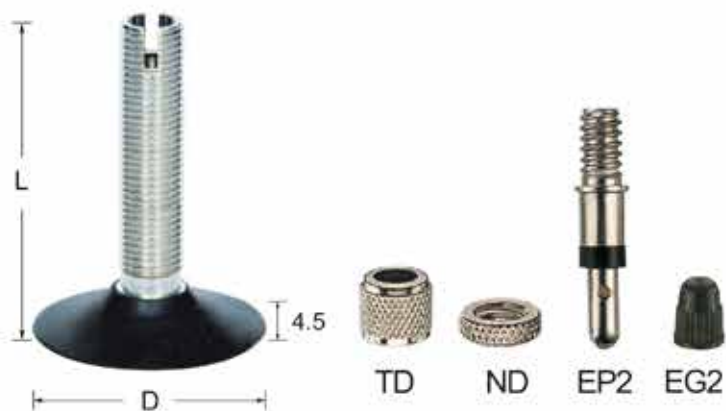


**TR1**



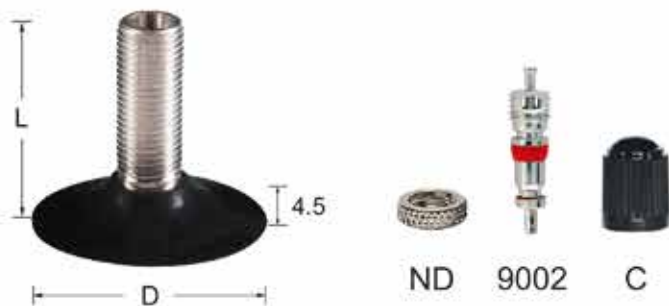
| PREMIER NO. | D  | L    |
|-------------|----|------|
| TR1-28      | 28 | 26.5 |
| TR1-32      | 32 | 26.5 |

**TR1-L**



| PREMIER NO. | D  | L  |
|-------------|----|----|
| TR1-30L-28  | 28 | 30 |
| TR1-35L-28  | 28 | 35 |
| TR1-40L-28  | 28 | 40 |
| TR1-30L-32  | 32 | 30 |
| TR1-35L-32  | 32 | 35 |
| TR1-40L-32  | 32 | 40 |

**TR4AS**



| PREMIER NO. | D  | L  |
|-------------|----|----|
| TR4AS-28    | 28 | 25 |
| TR4AS-32    | 32 | 25 |





**TR4A**



| PREMIER NO. | D  | L      |
|-------------|----|--------|
| TR4A-28     | 28 | 33, 40 |
| TR4A-32     | 32 | 33, 40 |

**VFR**



| PREMIER NO. | D     | L                        |
|-------------|-------|--------------------------|
| VFR-25      | 25    | 26.5, 33, 36, 40, 48, 60 |
| VFR-28      | 28    | 26.5, 33, 36, 40, 48, 60 |
| VFR-32      | 32    | 26.5, 33, 36, 40, 48, 60 |
| VFR-18×30   | 18×30 | 26.5, 33, 36, 40, 48, 60 |

**GVFR**



| PREMIER NO. | D     | L                        |
|-------------|-------|--------------------------|
| GVFR-25     | 25    | 26.5, 33, 36, 40, 48, 60 |
| GVFR-28     | 28    | 26.5, 33, 36, 40, 48, 60 |
| GVFR-32     | 32    | 26.5, 33, 36, 40, 48, 60 |
| GVFR-18×30  | 18×30 | 26.5, 33, 36, 40, 48, 60 |



## TVFR-01



| PREMIER NO. | L  |
|-------------|----|
| TVFR01-32   | 32 |
| TVFR01-34   | 34 |
| TVFR01-40   | 40 |
| TVFR01-44   | 44 |
| TVFR01-46   | 46 |
| TVFR01-48   | 48 |
| TVFR01-50   | 50 |
| TVFR01-55   | 55 |
| TVFR01-60   | 60 |

Material: Brass  
Surface treatment: Nickel plated

## A-shape tool (A形工具)

used for removing & installing the core  
用于拆装气门芯



## TVFR-02



| PREMIER NO. | L   |
|-------------|-----|
| TVFR02-32   | 32  |
| TVFR02-34   | 34  |
| TVFR02-40   | 40  |
| TVFR02-44   | 44  |
| TVFR02-46   | 46  |
| TVFR02-48   | 48  |
| TVFR02-50   | 50  |
| TVFR02-55   | 55  |
| TVFR02-60   | 60  |
| TVFR02-70   | 70  |
| TVFR02-80   | 80  |
| TVFR02-90   | 90  |
| TVFR02-100  | 100 |
| TVFR02-120  | 120 |

Material: Aluminum  
Surface treatment: Oxidation.



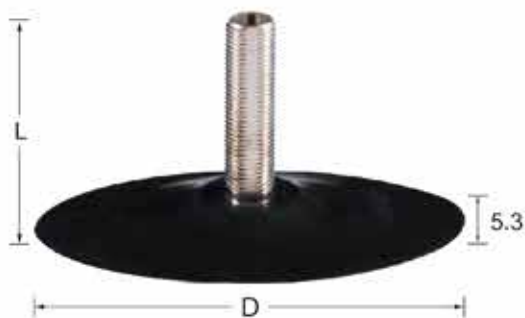


TR4



| PREMIER NO. | D  | L    |
|-------------|----|------|
| TR4         | 45 | 34.5 |
| TR4S        | 38 | 34.5 |
| TR4-41L     | 45 | 41   |

TR6



| PREMIER NO. | D     | L    |
|-------------|-------|------|
| TR6         | 42X68 | 34.5 |

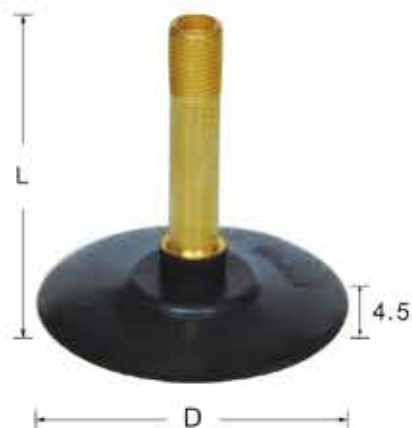
V6.02.1



| PREMIER NO. | D  | L    |
|-------------|----|------|
| V6.02.1     | 45 | 67.5 |



TR87(S)



| PREMIER NO. | D  | L    |
|-------------|----|------|
| TR87(S)     | 45 | 48   |
| JS87(S)     | 45 | 45   |
| JS87C(S)    | 45 | 52.5 |
| JS87CL(S)   | 45 | 56   |

TR87



| PREMIER NO. | D  | L <sub>1</sub> | L <sub>2</sub> | $\alpha$ |
|-------------|----|----------------|----------------|----------|
| TR 87       | 45 | 19             | 33             | 70°,90°  |
| JS87        | 45 | 19             | 30             | 70°,90°  |
| JS87C       | 45 | 23.5           | 33             | 70°,90°  |
| JS87CL      | 45 | 30             | 30             | 70°,90°  |

DIN 7777



| PREMIER NO. | D  | L <sub>1</sub> | L <sub>2</sub> | $\alpha$ |
|-------------|----|----------------|----------------|----------|
| DIN7777-38  | 38 | 17             | 28             | 90°      |
| DIN7777-45  | 45 | 17             | 28             | 90°      |





CR202(S)



| PREMIER NO.  | D     | L  |
|--------------|-------|----|
| CR202(S)-42L | 28,32 | 42 |
| CR202(S)-45L | 28,32 | 45 |
| CR202(S)-50L | 28,32 | 50 |

CR202



| PREMIER NO. | D     | L <sub>1</sub> | L <sub>2</sub> | $\alpha$ |
|-------------|-------|----------------|----------------|----------|
| CR202-42L   | 28,32 | 17.5           | 28             | 70°, 90° |
| CR202-45L   | 28,32 | 20             | 30             | 70°, 90° |
| CR202-50L   | 28,32 | 20             | 35             | 70°, 90° |

CR202T



| PREMIER NO. | D  | L  |
|-------------|----|----|
| CR202T      | 38 | 45 |



**CR202B(S)**



| PREMIER NO.   | D     | L  |
|---------------|-------|----|
| CR202B(S)-42L | 28,32 | 42 |
| CR202B(S)-45L | 28,32 | 45 |
| CR202B(S)-50L | 28,32 | 50 |

**CR202B**



| PREMIER NO. | D     | L <sub>1</sub> | L <sub>2</sub> | $\alpha$ |
|-------------|-------|----------------|----------------|----------|
| CR202B-42L  | 28,32 | 17,5           | 28             | 70°,90°  |
| CR202B-45L  | 28,32 | 20             | 30             | 70°,90°  |
| CR202B-50L  | 28,32 | 20             | 35             | 70°,90°  |

**PVR70**



**TR438**



| PREMIER NO. | L <sub>1</sub> | L <sub>2</sub> | $\alpha$ | RIM HOLE |
|-------------|----------------|----------------|----------|----------|
| PVR70       | 32.5           | 30             | 90°      | 11.3     |
| PVR71       | 32.5           | 45             | 90°      | 11.3     |
| PVR70S      | 35             | 30             | 90°      | 10.3     |
| PVR70SS     | 29             | 28             | 90°      | 8.8      |
| TR438       | -              | -              | -        | 8.8      |



**PVR30**



**SP4**



**V517**



**TR430A**



**VIM140**



**PR25MS8.3**



**PR25MS11.3**







**TR13**



**TR15**



9002

C

**TR150**



| PREMIER NO. | D  | L  | RIM HOLE |
|-------------|----|----|----------|
| TR13        | 56 | 38 | 11.3     |
| TR13S       | 32 | 38 | 11.3     |
| TR13L       | 56 | 60 | 11.3     |
| TR15        | 56 | 38 | 15.7     |



9002

C

| PREMIER NO. | D  | L    | RIM HOLE |
|-------------|----|------|----------|
| TR150       | 56 | 93.5 | 15.7     |
| TR135       | 56 | 67   | 15.7     |

**TR300**



9002

C

| PREMIER NO. | D  | L    | RIM HOLE |
|-------------|----|------|----------|
| TR300       | 70 | 57.5 | 15.7     |



**JS244A**



| PREMIER NO. | D  | L <sub>1</sub> | L <sub>2</sub> | $\alpha$ |
|-------------|----|----------------|----------------|----------|
| JS244A      | 56 | 26.5           | 33             | 90°      |
| JS89        | 56 | 17             | 51             | 90°      |
| JS185       | 56 | 17             | 60.5           | 90°      |

**JS2**



| PREMIER NO. | D  | L <sub>1</sub> | L <sub>2</sub> | $\alpha$ |
|-------------|----|----------------|----------------|----------|
| JS2         | 56 | 30.5           | 33             | 70°      |
| TR244       | 56 | 30.5           | 33             | 90°      |

**TR-11**



| PREMIER NO. | D  | L  |
|-------------|----|----|
| TR-11       | 56 | 43 |



## TUBELESS SNAP-IN VALVES



| PREMIER NO. | L  | L <sub>1</sub> | RIM HOLE |
|-------------|----|----------------|----------|
| TR412       | 33 | 22             | 11.3     |
| TR413       | 43 | 32             | 11.3     |
| TR414       | 49 | 38             | 11.3     |
| TR414L      | 57 | 46             | 11.3     |
| TR418       | 62 | 51             | 11.3     |
| TR423       | 75 | 64             | 11.3     |
| TR415       | 43 | 32             | 15.7     |
| TR425       | 62 | 51             | 15.7     |

For use up to 65psi/4.5 bar cold inflation pressure maximum







## HIGH PRESSURE SNAP-IN VALVES



TR600HP



TR801HP

| PREMIER NO. | L  | L <sub>1</sub> | D         | RIM HOLE |
|-------------|----|----------------|-----------|----------|
| TR600HP     | 44 | 32             | 17.4/18.4 | 11.3     |
| TR602HP     | 63 | 51             | 17.4/18.4 | 11.3     |
| TR801HP     | 49 | 33             | 24.5      | 15.7     |
| TR802HP     | 66 | 51             | 24.5      | 15.7     |

For use up to 100psi/6.9 bar cold inflation pressure maximum

## CLAMP-IN TUBELESS METAL VALVES



TR416



TR416S



TR416-2



TR416L



TR416L-2



TR416B

| PREMIER NO. | L    | RIM HOLE    | GROMMET     | WASHER | NUT |
|-------------|------|-------------|-------------|--------|-----|
| TR416       | 39.5 | 15.7        | RG39        | RW8    | BN2 |
| TR416S      | 39.5 | 11.3        | RG54        | RW8    | BN2 |
| TR416-2     | 39.5 | 11.3 & 15.7 | RG39 + RG54 | RW8    | BN2 |
| TR416L      | 58.5 | 15.7        | RG39        | RW8    | BN2 |
| TR416L-2    | 58.5 | 11.3 & 15.7 | RG39 + RG54 | RW8    | BN2 |
| TR416B      | 33.5 | 11.3 & 15.7 | RG39 + RG54 | RW8    | BN2 |

Maximum air pressure 200 psi/13.8 bar. Recommended torque at installation: 25-45 inch-pound/3-5N·m.



TR43E



TR48E



TR67E

| PREMIER NO. | L  | RIM HOLE |
|-------------|----|----------|
| TR33E       | 33 | 11.3     |
| TR43E       | 43 | 11.3     |
| TR48E       | 48 | 11.3     |
| TR53E       | 53 | 11.3     |
| TR63E       | 63 | 11.3     |
| TR67E       | -  | 11.3     |

Maximum air pressure 200 psi/13.8 bar.  
Recommended torque at installation:  
25-45 inch-pound/3-5N·m.



## CLAMP-IN TUBELESS METAL VALVES



| PREMIER NO. | L <sub>1</sub> | L <sub>2</sub> | $\alpha$ | RIM HOLE |
|-------------|----------------|----------------|----------|----------|
| VS-8        | -              | -              | -        | 11.3     |
| VS-8-30     | 27             | 27             | 30°      | 11.3     |
| VS-8-45     | 27             | 27             | 45°      | 11.3     |
| VS-8-60     | 27             | 27             | 60°      | 11.3     |
| VS-8-90     | 38             | 29             | 90°      | 11.3     |



| PREMIER NO. | L  | GROMMET | RIM HOLE |
|-------------|----|---------|----------|
| EV42-N1     | 42 | RG9     | 11.3     |
| EV42-N2     | 42 | RG9     | 11.3     |
| 39MS8.3     | 39 | RG11    | 8.3      |
| 39MS8.3-A   | 39 | RG34    | 8.3      |

## INVISIBLE VALVES: V007



Used for rim hole  $\Phi 11.3\text{mm}$ . One set includes 4 invisible valves, 1 adapter and 2 spare caps.





SP5



SP6



SP7



SP8



| PREMIER NO. | D    | L    |
|-------------|------|------|
| SP5         | 23   | 42.5 |
| SP6         | 31,5 | 54   |
| SP7         | 31   | 28   |
| SP8         | 31   | 38   |

Metal clamp-in air-liquid tube valves



TRCH3



VG-12

## TANK VALVES



TV01-22



TV02-23



TV02-33

| PREMIER NO. | BASE THREAD | L    |
|-------------|-------------|------|
| TV01-22     | 1/16NPT     | 22.5 |
| TV02-23     | 1/8NPT      | 23   |
| TV02-33     | 1/8NPT      | 33   |
| TV03-26     | 1/4NPT      | 26   |
| TV03-33     | 1/4NPT      | 33   |



TV03-26



TV03-33





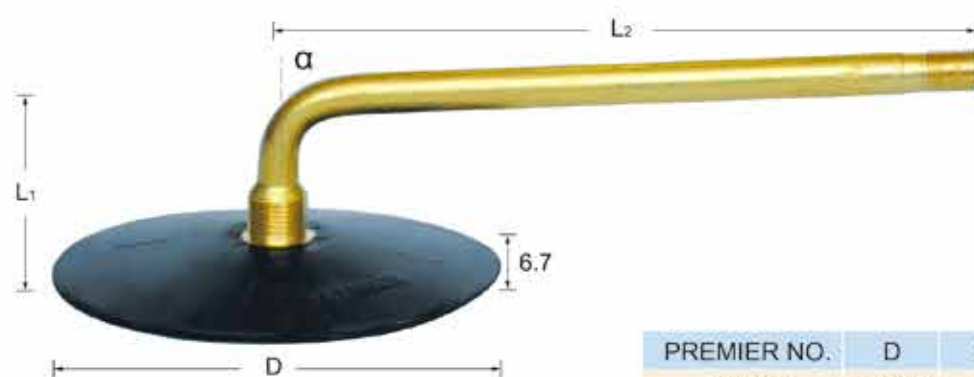
TR75A(S)



| PREMIER NO. | D     | L   |
|-------------|-------|-----|
| TR75A(S)    | 82/95 | 103 |
| TR76A(S)    | 82/95 | 113 |
| TR177A(S)   | 82/95 | 122 |
| TR77A(S)    | 82/95 | 132 |
| TR175A(S)   | 82/95 | 142 |
| TR78A(S)    | 82/95 | 154 |
| TR179A(S)   | 82/95 | 168 |



TR75A

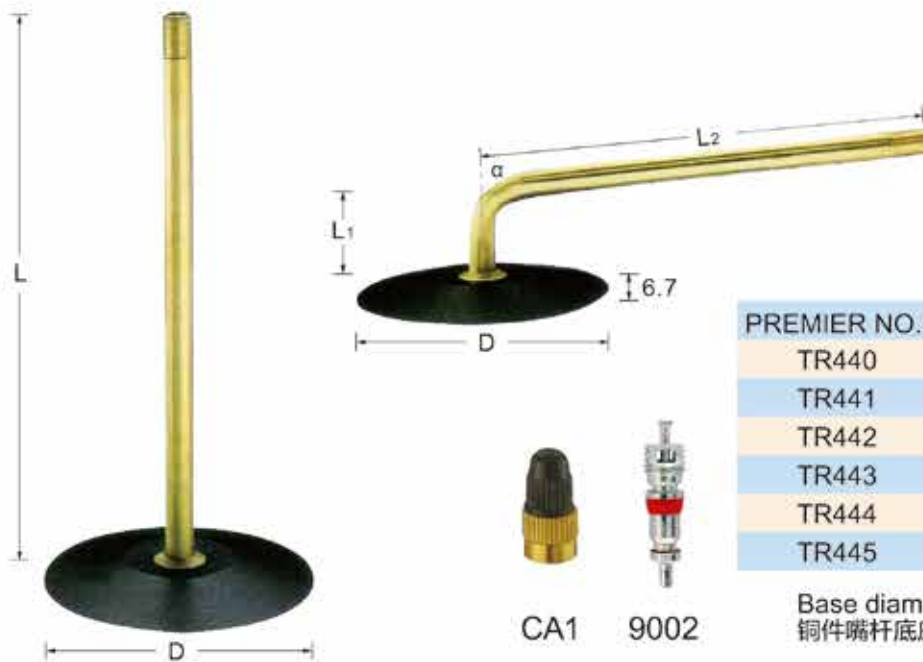


| PREMIER NO. | D     | L <sub>1</sub> | L <sub>2</sub> | $\alpha$ |
|-------------|-------|----------------|----------------|----------|
| TR75A       | 82/95 | 32             | 76             | 86°      |
| TR76A       | 82/95 | 32             | 86             | 86°      |
| TR177A      | 82/95 | 32             | 95             | 86°      |
| TR77A       | 82/95 | 32             | 105            | 86°      |
| TR175A      | 82/95 | 32             | 115            | 86°      |
| TR78A       | 82/95 | 32             | 127            | 86°      |
| TR179A      | 82/95 | 32             | 141            | 86°      |





TR440



| PREMIER NO. | L   | L <sub>1</sub> | L <sub>2</sub> | D        | $\alpha$ |
|-------------|-----|----------------|----------------|----------|----------|
| TR440       | 85  | 15             | 75             | 70/82/95 | 85°      |
| TR441       | 105 | 15             | 95             | 70/82/95 | 85°      |
| TR442       | 115 | 15             | 105            | 70/82/95 | 85°      |
| TR443       | 125 | 15             | 115            | 70/82/95 | 85°      |
| TR444       | 140 | 15             | 130            | 70/82/95 | 85°      |
| TR445       | 155 | 15             | 145            | 70/82/95 | 85°      |

Base diameter of brass stem 22mm  
铜件嘴杆底座直径为22mm

TR460

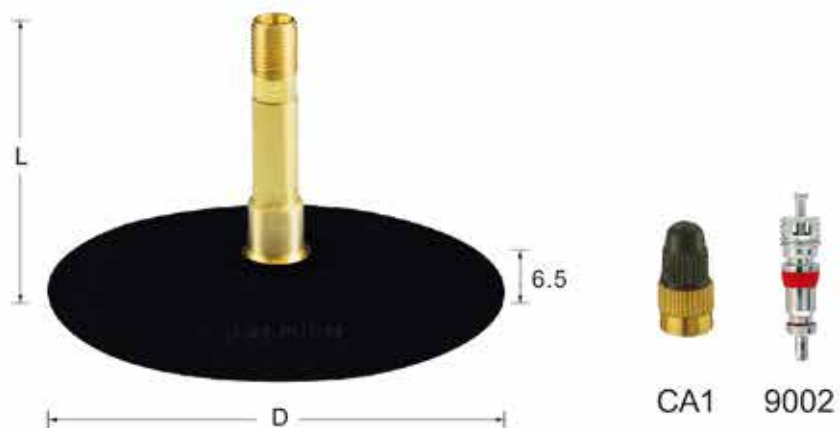


| PREMIER NO. | L   | L <sub>1</sub> | L <sub>2</sub> | D        | $\alpha$ |
|-------------|-----|----------------|----------------|----------|----------|
| TR460       | 85  | 15             | 75             | 70/82/95 | 85°      |
| TR461       | 105 | 15             | 95             | 70/82/95 | 85°      |
| TR462       | 115 | 15             | 105            | 70/82/95 | 85°      |
| TR463       | 125 | 15             | 115            | 70/82/95 | 85°      |
| TR464       | 140 | 15             | 130            | 70/82/95 | 85°      |
| TR465       | 155 | 15             | 145            | 70/82/95 | 85°      |

Base diameter of brass stem 27mm  
铜件嘴杆底座直径为27mm



VS3-21-1



| PREMIER NO. | L    | D  |
|-------------|------|----|
| VS3-21-1    | 47.5 | 77 |

PK-5A-145



| PREMIER NO. | L     | D  |
|-------------|-------|----|
| PK-5A-145   | 146.5 | 77 |





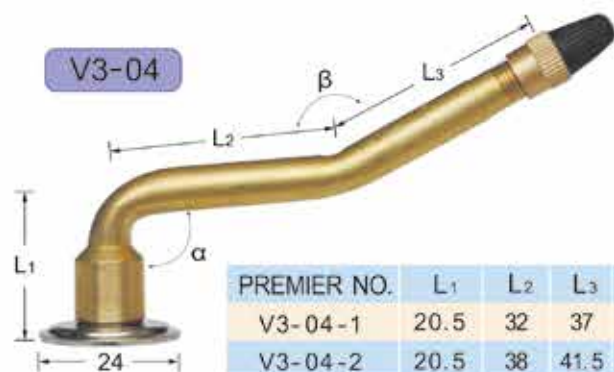
V3-02



| PREMIER NO. | L <sub>1</sub> | L <sub>2</sub> | $\alpha$ |
|-------------|----------------|----------------|----------|
| V3-02-1     | 25.5           | 41.5           | 120°     |
| V3-02-2     | 22.5           | 43             | 120°     |
| V3-02-3     | 33             | 44.5           | 95°      |
| V3-02-4     | 39.5           | 44.5           | 110°     |
| V3-02-5     | 20.5           | 47.5           | 90°      |
| V3-02-6     | 23.5           | 60.5           | 110°     |
| V3-02-7     | 22.5           | 71.5           | 100°     |
| V3-02-8     | 20.5           | 89.5           | 94°      |
| V3-02-9     | 20.5           | 99.5           | 94°      |
| V3-02-10    | 20.5           | 115            | 94°      |
| V3-02-11    | 20             | 126            | 98°      |
| V3-02-12    | 20.5           | 132            | 94°      |
| V3-02-13    | 20.5           | 133.5          | 90°      |
| V3-02-14    | 20.5           | 138.5          | 94°      |

| PREMIER NO. | L <sub>1</sub> | L <sub>2</sub> | $\alpha$ |
|-------------|----------------|----------------|----------|
| V3-02-15    | 20.5           | 145.5          | 94°      |
| V3-02-16    | 20.5           | 149.5          | 90°      |
| V3-02-17    | 20.5           | 156.5          | 90°      |
| V3-02-18    | 22.5           | 74.5           | 90°      |
| V3-02-19    | 20.5           | 60             | 94°      |
| V3-02-20    | 22.5           | 56.5           | 95°      |
| V3-02-21    | 20.5           | 172            | 90°      |
| V3-02-22    | 32.5           | 117.5          | 94°      |
| V3-02-23    | 29.5           | 66.5           | 90°      |
| V3-02-24    | 20.5           | 117            | 90°      |
| V3-02-25    | 27             | 160            | 88°      |
| V3-02-26    | 20.5           | 105            | 94°      |
| V3-02-27    | 20             | 75             | 94°      |
| V3-02-29    | 20             | 127            | 94°      |

V3-04

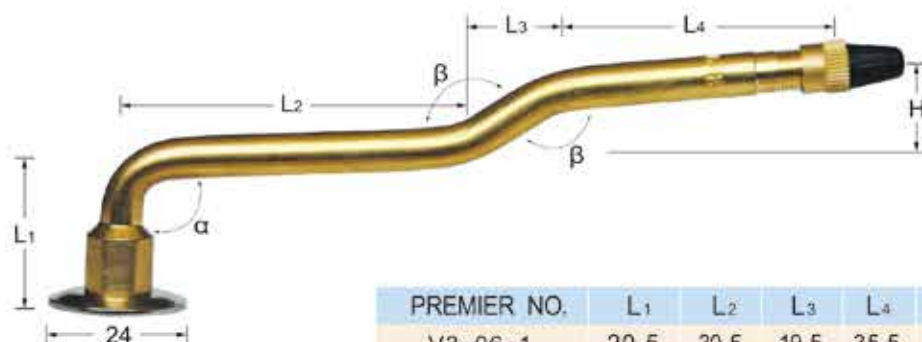


| PREMIER NO. | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | $\alpha$ | $\beta$ |
|-------------|----------------|----------------|----------------|----------|---------|
| V3-04-1     | 20.5           | 32             | 37             | 90°      | 138°    |
| V3-04-2     | 20.5           | 38             | 41.5           | 90°      | 153°    |
| V3-04-3     | 20             | 59             | 38.5           | 94°      | 163°    |
| V3-04-4     | 20             | 74             | 40             | 94°      | 144°    |
| V3-04-5     | 20             | 76             | 47.5           | 90°      | 153°    |
| V3-04-6     | 20             | 86             | 47.5           | 90°      | 153°    |
| V3-04-7     | 20.5           | 30.5           | 38             | 90°      | 154°    |
| V3-04-8     | 20.5           | 38.5           | 43             | 90°      | 167°    |
| V3-04-9     | 20.5           | 45             | 47             | 90°      | 149°    |
| V3-04-10    | 20.5           | 47             | 53             | 90°      | 154°    |
| V3-04-11    | 20.5           | 47             | 63.5           | 90°      | 154°    |
| V3-04-12    | 20.5           | 60.5           | 60.5           | 90°      | 159°    |
| V3-04-13    | 20.5           | 66.5           | 67             | 90°      | 159°    |

| PREMIER NO. | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | $\alpha$ | $\beta$ |
|-------------|----------------|----------------|----------------|----------|---------|
| V3-04-14    | 20.5           | 83.5           | 65             | 90°      | 159°    |
| V3-04-15    | 20.5           | 42             | 38.5           | 90°      | 120°    |
| V3-04-16    | 20             | 38             | 50             | 90°      | 160°    |
| V3-04-17    | 20             | 65             | 45             | 90°      | 160°    |
| V3-04-18    | 20             | 72             | 45             | 90°      | 160°    |
| V3-04-19    | 20             | 80             | 45             | 90°      | 160°    |
| V3-04-20    | 20             | 68             | 47             | 94°      | 164°    |
| V3-04-21    | 20             | 83             | 57             | 94°      | 154°    |
| V3-04-22    | 20             | 28             | 47             | 94°      | 164°    |
| V3-04-23    | 20             | 48             | 57             | 94°      | 164°    |
| V3-04-24    | 20             | 58             | 47             | 94°      | 164°    |
| V3-04-25    | 20             | 80             | 47             | 94°      | 164°    |
| V3-04-26    | 20             | 99             | 42             | 99°      | 189°    |

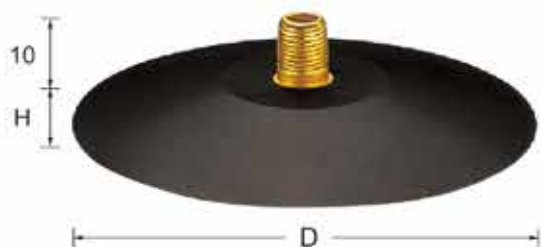


V3-06



| PREMIER NO. | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | H    | α   | β    |
|-------------|----------------|----------------|----------------|----------------|------|-----|------|
| V3-06-1     | 20.5           | 30.5           | 19.5           | 35.5           | 17   | 90° | 139° |
| V3-06-2     | 20.5           | 44.5           | 12             | 37.5           | 17   | 90° | 125° |
| V3-06-3     | 20.5           | 46             | 20.5           | 47.5           | 17   | 90° | 140° |
| V3-06-5     | 20.5           | 62.5           | 19.5           | 49             | 17   | 90° | 139° |
| V3-06-6     | 20             | 79.5           | 19.5           | 37.5           | 17   | 90° | 139° |
| V3-06-7     | 20.5           | 45.5           | 18.5           | 42.5           | 17   | 90° | 137° |
| V3-06-8     | 24.5           | 61.5           | 14.5           | 50.5           | 7.5  | 94° | 153° |
| V3-06-9     | 20.5           | 67.5           | 19.5           | 54.5           | 17   | 90° | 139° |
| V3-06-10    | 23.5           | 91.5           | 29.5           | 45.5           | 13.5 | 90° | 155° |
| V3-06-12    | 23.5           | 71.5           | 19.5           | 25.5           | 11.5 | 90° | 149° |
| V3-06-13    | 20             | 40             | 13             | 40             | 7    | 94° | 153° |
| V3-06-14    | 20             | 50             | 13             | 40             | 7    | 94° | 153° |
| V3-06-15    | 20             | 60             | 13             | 40             | 7    | 94° | 153° |
| V3-06-16    | 20             | 62             | 13             | 50             | 7    | 94° | 153° |
| V3-06-17    | 20             | 75             | 13             | 50             | 7    | 94° | 153° |

V3-08



V9-05-1

| PREMIER NO. | D  | H |
|-------------|----|---|
| V3-08-2     | 70 | 7 |
| V3-08-3     | 80 | 8 |
| V3-08-4     | 57 | 5 |



TR570



RG15 RW8 HN13

| PREMIER NO. | L    | RIM HOLE |
|-------------|------|----------|
| TR500       | 55   | 15.7     |
| TR501       | 42   | 15.7     |
| TR570       | 83.5 | 15.7     |
| TR571       | 90   | 15.7     |
| TR572       | 99   | 15.7     |
| TR573       | 115  | 15.7     |
| TR574       | 131  | 15.7     |
| TR575       | 33   | 15.7     |

TR570C



RG15 RW8 HN13

| PREMIER NO. | L <sub>1</sub> | L <sub>2</sub> | α   | RIM HOLE |
|-------------|----------------|----------------|-----|----------|
| TR570C      | 37             | 51             | 90° | 15.7     |
| TR571C      | 37             | 58             | 90° | 15.7     |
| TR572C      | 37             | 67             | 90° | 15.7     |
| TR573C      | 37             | 83             | 90° | 15.7     |

PR570P



Rim hole plug to seal 0.625"/15.7mm rim hole when relocating the valve.

TR501-OV



Oval Rim Hole Valve  
Rim hole 0.625"x0.875"oval.  
Converts 16x6KS 750-16GM rims to Tubeless. This valve can be used only with a 16" tubeless tire.





V3-20



| PREMIER NO. | L  |
|-------------|----|
| V3-20-1     | 41 |
| V3-20-3     | 87 |
| 90MS9.7     | 90 |



Round flat bottom  
with slot



Round and hex  
combination



V3-20-11

| PREMIER NO. | L1 | L2 | $\alpha$ |
|-------------|----|----|----------|
| V3-20-2     | 35 | 60 | 17.5°    |
| V3-20-4     | 30 | 60 | 27°      |
| V3-20-5     | 30 | 40 | 27°      |
| V3-20-6     | 30 | 85 | 27°      |
| V3-20-7     | 30 | 50 | 27°      |
| V3-20-8     | 34 | 85 | 12°      |
| V3-20-9     | 50 | 52 | 12°      |
| V3-20-10    | 55 | 25 | 27°      |
| V3-20-11    | 30 | 45 | 27°      |
| V3-20-12    | 30 | 70 | 27°      |
| 90MS9.7-35  | 30 | 60 | 35°      |
| 110MS9.7-27 | 30 | 80 | 27°      |



TR545

TR545D



| PREMIER NO. | L   | RIM HOLE |
|-------------|-----|----------|
| TR542       | 37  | 9.7      |
| TR543       | 64  | 9.7      |
| TR544       | 78  | 9.7      |
| TR545       | 94  | 9.7      |
| TR546       | 113 | 9.7      |
| TR547       | 124 | 9.7      |

| PREMIER NO. | L <sub>1</sub> | L <sub>2</sub> | α   | RIM HOLE |
|-------------|----------------|----------------|-----|----------|
| TR543C      | 29             | 35             | 45° | 9.7      |
| TR543D      | 30             | 35             | 60° | 9.7      |
| TR543E      | 30             | 35             | 75° | 9.7      |
| TR544D      | 30             | 49             | 60° | 9.7      |
| TR544E      | 30             | 49             | 75° | 9.7      |
| TR545D      | 30             | 66             | 60° | 9.7      |
| TR545E      | 30             | 66             | 75° | 9.7      |
| TR546-36    | 30             | 85             | 36° | 9.7      |
| TR546D      | 30             | 85             | 60° | 9.7      |
| TR546E      | 30             | 85             | 75° | 9.7      |
| TR547D      | 30             | 96             | 60° | 9.7      |

TR555

TR555D



| PREMIER NO. | L   | RIM HOLE |
|-------------|-----|----------|
| TR552       | 37  | 9.7      |
| TR553       | 64  | 9.7      |
| TR554       | 78  | 9.7      |
| TR555       | 94  | 9.7      |
| TR556       | 113 | 9.7      |
| TR557       | 124 | 9.7      |

| PREMIER NO. | L <sub>1</sub> | L <sub>2</sub> | α   | RIM HOLE |
|-------------|----------------|----------------|-----|----------|
| TR553C      | 29             | 35             | 45° | 9.7      |
| TR553D      | 30             | 35             | 60° | 9.7      |
| TR553E      | 30             | 35             | 75° | 9.7      |
| TR554C      | 30             | 49             | 45° | 9.7      |
| TR554D      | 30             | 49             | 60° | 9.7      |
| TR555D      | 30             | 66             | 60° | 9.7      |
| TR555E      | 30             | 66             | 75° | 9.7      |
| TR556-36    | 30             | 85             | 36° | 9.7      |
| TR556D      | 30             | 85             | 60° | 9.7      |
| TR556E      | 30             | 85             | 75° | 9.7      |
| TR557D      | 30             | 96             | 60° | 9.7      |



## TR509



RG46



HN17

| PREMIER NO. | L <sub>1</sub> | L <sub>2</sub> | α   | RIM HOLE |
|-------------|----------------|----------------|-----|----------|
| TR509       | 26             | 120.5          | 90° | 15.7     |
| TR510       | 26             | 140            | 90° | 15.7     |
| TR511       | 26             | 108            | 90° | 15.7     |

## 54MS

## 70MS-7

## 70MS-27

## 70MS-7N



| PREMIER NO. | L  | L <sub>1</sub> | L <sub>2</sub> | α   |
|-------------|----|----------------|----------------|-----|
| 54MS        | 54 | —              | —              | —   |
| 70MS-7      | —  | 40.5           | 29.5           | 7°  |
| 70MS-27     | —  | 40.5           | 29.5           | 27° |
| 70MS-60     | —  | 40.5           | 29.5           | 60° |
| 70MS-7N     | —  | 40.5           | 29.5           | 7°  |
| 70MS-27N    | —  | 40.5           | 29.5           | 27° |

Used for rim hole Φ9.7mm.

## 83MS

## V3-22-1



V9-07-4



RG60



Flat bottom with slot



Sphere shape

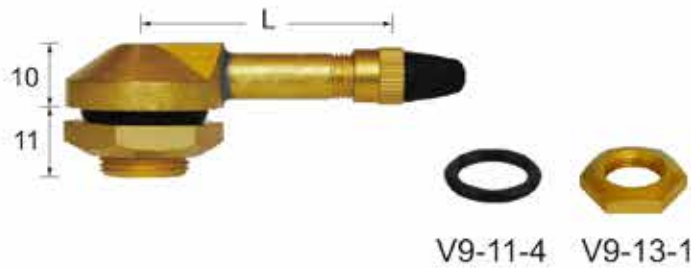
| PREMIER NO. | L  | L <sub>1</sub> | L <sub>2</sub> | α   |
|-------------|----|----------------|----------------|-----|
| V3-22-1     | —  | 30             | 28             | 45° |
| 83MS        | 83 | —              | —              | —   |

Used for rim hole Φ9.7mm.



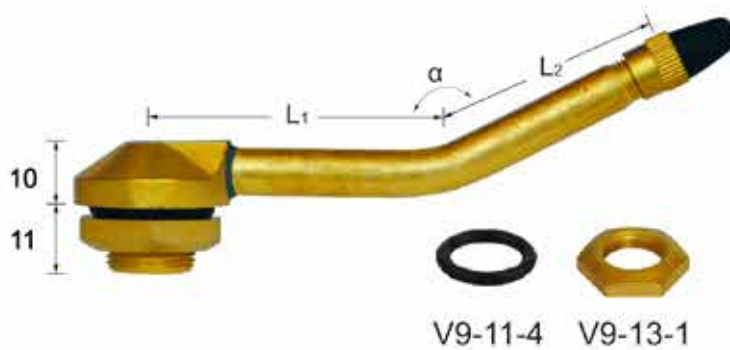


V3-12



| PREMIER NO. | L  | RIM HOLE |
|-------------|----|----------|
| V3-12-1     | 40 | 15.7     |
| V3-12-2     | 95 | 15.7     |

V3-13



| PREMIER NO. | L <sub>1</sub> | L <sub>2</sub> | $\alpha$ | RIM HOLE |
|-------------|----------------|----------------|----------|----------|
| V3-13-1     | 46.5           | 42.5           | 153°     | 15.7     |
| V3-13-2     | 30             | 79             | 126°     | 15.7     |

V3-14



| PREMIER NO. | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | $\alpha$ | RIM HOLE |
|-------------|----------------|----------------|----------------|----------|----------|
| V3-14-1     | 25             | 21.5           | 24.5           | 147°     | 15.7     |
| V3-14-2     | 45             | 21.5           | 24.5           | 147°     | 15.7     |
| V3-14-3     | 37             | 21.5           | 24.5           | 147°     | 15.7     |



V3-15



| PREMIER NO. | H  | L <sub>1</sub> | L <sub>2</sub> | $\alpha$ | RIM HOLE |
|-------------|----|----------------|----------------|----------|----------|
| V3-15-1     | 14 | 22.5           | 44.5           | 110°     | 20.5     |
| V3-15-2     | 11 | 15.5           | 44.5           | 95°      | 20.5     |

V3-17



| PREMIER NO. | L <sub>1</sub> | L <sub>2</sub> | $\alpha$ | RIM HOLE |
|-------------|----------------|----------------|----------|----------|
| V3-17-1     | 99             | 31.5           | 172°     | 20.5     |
| V3-17-2     | 116            | 31.5           | 172°     | 20.5     |

V3-18



| PREMIER NO. | L <sub>1</sub> | L <sub>2</sub> | H    | $\alpha$ | RIM HOLE |
|-------------|----------------|----------------|------|----------|----------|
| V3-18-1     | 64             | 24.5           | 14.5 | 146°     | 20.5     |
| V3-18-2     | 81             | 24.5           | 14.5 | 146°     | 20.5     |
| V3-18-4     | 51             | 37.5           | 19.5 | 138°     | 20.5     |
| V3-18-5     | 68             | 37.5           | 19.5 | 138°     | 20.5     |



V3-16-1



TR175



V3-30



V3-31



TRJ690

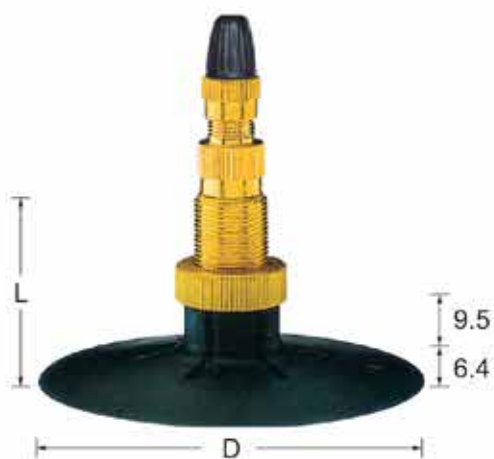


| PREMIER NO. | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | H  | α    | RIM HOLE |
|-------------|----------------|----------------|----------------|----|------|----------|
| TRJ690      | 32             | 59             | 119            | 14 | 152° | 20.5     |
| TRJ691      | 16             | -              | 84             | -  | -    | 20.5     |
| TRJ692      | 32             | 59             | 119            | 14 | 162° | 20.5     |
| TRJ693      | 22             | 43             | 127            | 25 | 135° | 20.5     |
| TRJ694      | 20             | -              | 89             | -  | -    | 20.5     |
| TRJ695      | 21             | 56             | 105            | 25 | 130° | 20.5     |
| TRJ696      | 27             | 52             | 108            | 23 | 138° | 20.5     |





TR218A



| PREMIER NO. | D       | L  | RIM HOLE |
|-------------|---------|----|----------|
| TR218A      | 63.5,82 | 27 | 15.7     |
| TR220A      | 63.5,82 | 36 | 15.7     |



LN10

TR621A



RG7



RW11



BN3



TRCH3



TR618A

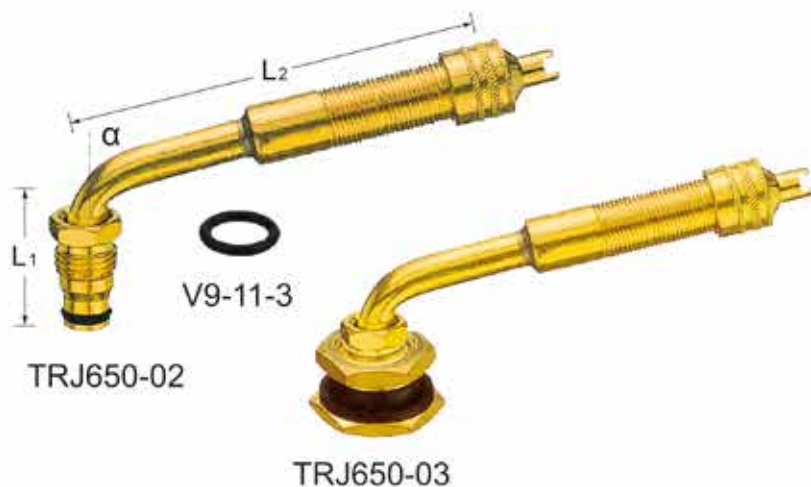


PR718A

| PREMIER NO. | L <sub>1</sub> | L <sub>2</sub> | $\alpha$ | RIM HOLE |
|-------------|----------------|----------------|----------|----------|
| TR618A      | -              | -              | -        | 15.7     |
| PR718A      | -              | -              | -        | 15.7     |
| TR621A      | 42.5           | 55             | 65°      | 15.7     |
| TR622A      | 47.5           | 94             | 90°      | 15.7     |
| TR623A      | 42.5           | 36             | 65°      | 15.7     |



TRJ650-02/03

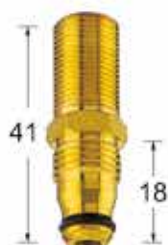


| PREMIER NO.  | L <sub>1</sub> | L <sub>2</sub> | α   |
|--------------|----------------|----------------|-----|
| TRJ650-02/03 | 27             | 79             | 80° |
| TRJ651-02/03 | 32             | 119            | 90° |
| TRJ652-02/03 | 27             | 140            | 86° |
| TRJ653-02/03 | 27             | 64             | 80° |
| TRJ654-02/03 | 27             | 79             | 60° |
| TRJ655-02/03 | 27             | 79             | 74° |
| TRJ656-02/03 | 67             | 94             | 90° |
| TRJ657-02/03 | 27             | 102            | 80° |
| TRJ658-02/03 | 27             | 140            | 80° |
| TRJ659-02/03 | 48             | 89             | 90° |
| TRJ660-02/03 | 48             | 222            | 90° |
| TRJ669-02/03 | 27             | 64             | 90° |

TRJ4000



TRJ670



TRJ670-02



TRSP2



TRJ670-03

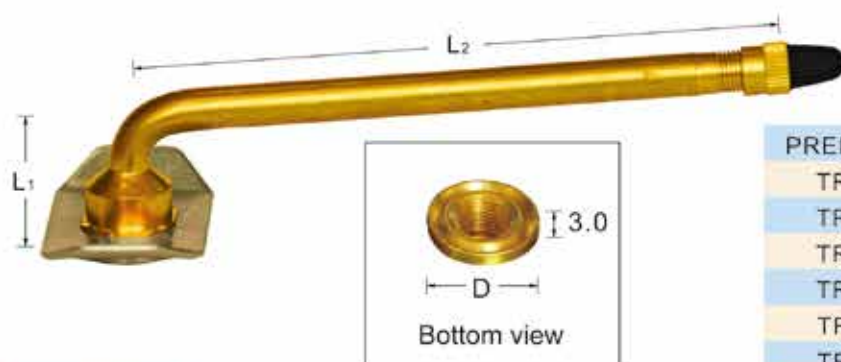


| PREMIER NO.  | L (Inch) | L (mm) |
|--------------|----------|--------|
| TRJ4000-2.5  | 2 1/2"   | 64     |
| TRJ4000-3    | 3"       | 76     |
| TRJ4000-4    | 4"       | 102    |
| TRJ4000-4.5  | 4 1/2"   | 114    |
| TRJ4000-6    | 6"       | 152    |
| TRJ4000-7.5  | 7 1/2"   | 191    |
| TRJ4000-8    | 8"       | 203    |
| TRJ4000-8.5  | 8 1/2"   | 216    |
| TRJ4000-9    | 9"       | 229    |
| TRJ4000-10   | 10"      | 254    |
| TRJ4000-10.5 | 10 1/2"  | 267    |
| TRJ4000-12   | 12"      | 305    |
| TRJ4000-16   | 16"      | 406    |
| TRJ4000-20   | 20"      | 508    |
| TRJ4000-24   | 24"      | 610    |
| TRJ4000-25.5 | 25 1/2"  | 648    |
| TRJ4000-28   | 28"      | 711    |
| TRJ4000-29.5 | 29 1/2"  | 749    |
| TRJ4000-30   | 30"      | 762    |

This valve can be used with TRSP2 tubeless spud or TRSP4000 tube spud.



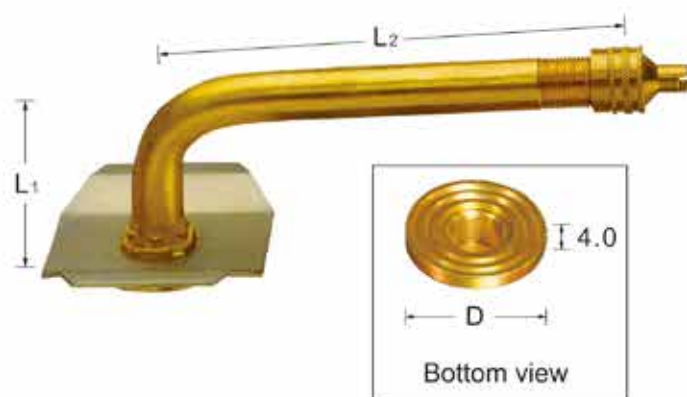
TR1075A



| PREMIER NO. | D    | L <sub>1</sub> | L <sub>2</sub> | $\alpha$ |
|-------------|------|----------------|----------------|----------|
| TR1075A     | 22.5 | 24             | 76             | 86°      |
| TR1076A     | 22.5 | 24             | 86             | 86°      |
| TR1077A     | 22.5 | 24             | 105            | 86°      |
| TR1078A     | 22.5 | 24             | 127            | 86°      |
| TR1175A     | 22.5 | 24             | 115            | 86°      |
| TR1177A     | 22.5 | 24             | 95             | 86°      |
| TR1179A     | 22.5 | 24             | 141            | 86°      |

Rubber spud type: TRSP1000

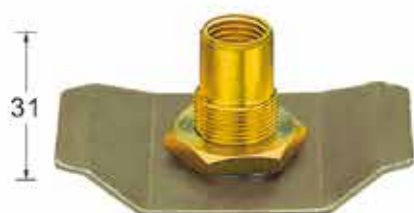
TRJ1175C



| PREMIER NO. | D  | L <sub>1</sub> | L <sub>2</sub> | $\alpha$ |
|-------------|----|----------------|----------------|----------|
| TRJ1076D    | 32 | 56             | 59             | 90°      |
| TRJ1076E    | 32 | 39             | 76             | 88°      |
| TRJ1175C    | 32 | 39             | 105            | 88°      |
| TRJ1078B    | 32 | 39             | 117            | 82°      |
| TRJ1179B    | 32 | 39             | 133            | 88°      |

Rubber spud type: TRSP1000

TRAD4



Rubber spud type: TR-SP1000

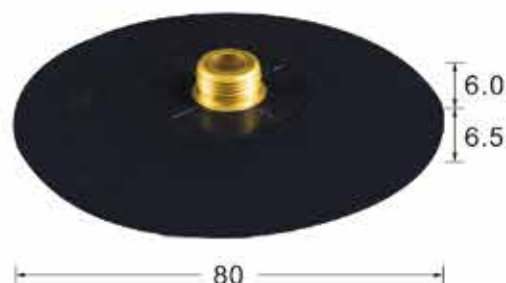
TRSP1000



TRSP4000



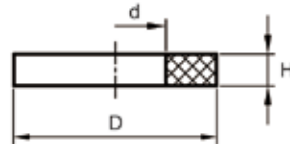
VG-12



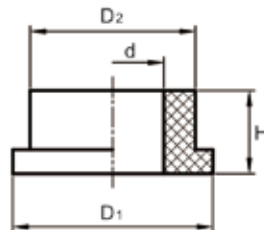




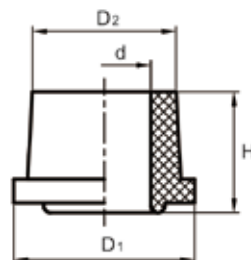
**GROMMETS & O-RINGS**



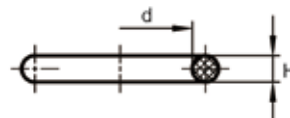
| PREMIER NO. | D    | d   | H   |
|-------------|------|-----|-----|
| RG2         | 16   | 7.3 | 3.5 |
| RG5         | 11.3 | 5.6 | 3   |
| RG12        | 17   | 10  | 4   |
| V9-05-1     | 24   | 7.3 | 2.5 |



| PREMIER NO. | D <sub>1</sub> | D <sub>2</sub> | d    | H   |
|-------------|----------------|----------------|------|-----|
| RG1         | 16             | 11.3           | 7.3  | 6.4 |
| RG3         | 14             | 11.3           | 7.3  | 6   |
| RG4         | 14.5           | 11.3           | 7.3  | 5.5 |
| RG7         | 22             | 15.7           | 12   | 8.6 |
| RG9         | 15.2           | 11.3           | 8    | 9   |
| RG11        | 12             | 8.3            | 6.2  | 5   |
| RG13        | 17             | 12.3           | 10   | 5.8 |
| RG16        | 25.4           | 20.5           | 17.5 | 4.8 |
| RG22        | 25.4           | 20.5           | 17.5 | 6.5 |
| RG39        | 18             | 15.7           | 10   | 7.9 |
| RG46        | 23             | 15.7           | 10   | 8   |
| RG54        | 16.5           | 11.3           | 10   | 6.4 |
| RG59        | 13.7           | 10             | 7.3  | 5   |
| RG70        | 14             | 9.7            | 8    | 8   |
| RG175       | 26             | 20.5           | 12   | 7   |



| PREMIER NO. | D <sub>1</sub> | D <sub>2</sub> | d   | H   |
|-------------|----------------|----------------|-----|-----|
| RG15        | 19             | 16             | 9.8 | 13  |
| RG24        | 15             | 11.3           | 9   | 5.5 |
| RG34        | 14             | 9              | 7.3 | 8.5 |



| PREMIER NO.   | d    | H   |
|---------------|------|-----|
| V9-11-2       | 20.7 | 2.6 |
| V9-11-3       | 6    | 1.8 |
| V9-11-4       | 15.7 | 2.6 |
| V9-11-5(RG60) | 8.9  | 1.9 |
| V9-11-6(RG67) | 4.5  | 1.8 |
| V9-11-7       | 11   | 2   |
| V9-11-8       | 8    | 1.9 |



HEX NUTS



BN1



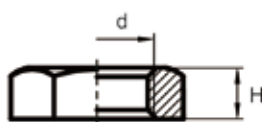
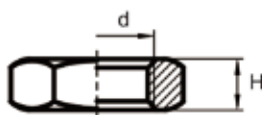
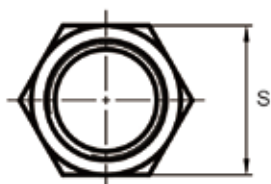
HN13



BN3



V9-13-1



| PREMIER NO. | S    | d    | H   |
|-------------|------|------|-----|
| HN1(BN3)    | 16   | 12V1 | 4.8 |
| HN2         | 12.7 | 8V1  | 3.2 |
| HN4(BN2)    | 14   | 10V2 | 4.8 |
| HN13        | 14   | 10V2 | 7.9 |
| BN1         | 12   | 8V1  | 4   |
| V9-02-1     | 9    | 6V1  | 2.5 |
| V9-13-1     | 23   | 15V1 | 5.5 |



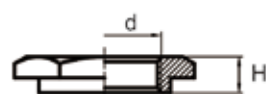
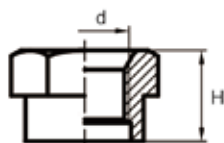
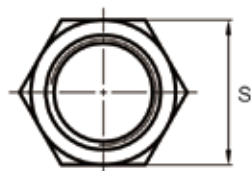
HN21



V9-07-2



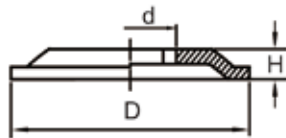
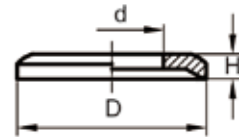
HN15

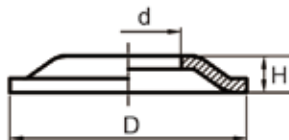


| PREMIER NO. | S  | d    | H  |
|-------------|----|------|----|
| HN21        | 16 | 9V1  | 8  |
| HN22        | 16 | 9V1  | 10 |
| V9-07-2     | 14 | 10V1 | 10 |
| V9-07-4     | 14 | 10V1 | 14 |

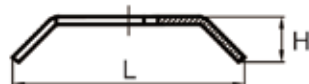
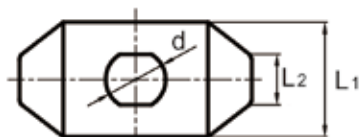
| PREMIER NO. | S  | d    | H   |
|-------------|----|------|-----|
| HN11        | 24 | 17V3 | 6.4 |
| HN15        | 24 | 17V3 | 6.5 |
| HN16        | 22 | 16V1 | 3.2 |
| HN17        | 19 | 10V2 | 4.8 |

**WASHERS**

**RW4**

**RW8**

**R11**

**R31**


| PREMIER NO. | D  | d    | H   |
|-------------|----|------|-----|
| RW4         | 32 | 12.4 | 2.8 |
| RW8         | 19 | 10.4 | 2.5 |
| R11         | 16 | 8.1  | 2.9 |
| R21         | 18 | 8.1  | 2.9 |
| R31         | 21 | 10.4 | 2.9 |
| R24         | 24 | 11   | 2.9 |
| R27         | 27 | 12.4 | 3.2 |
| RW11        | 23 | 12.4 | 3.2 |


**BW2**


| PREMIER NO. | L  | L <sub>1</sub> | L <sub>2</sub> | d    | H   |
|-------------|----|----------------|----------------|------|-----|
| B5          | 48 | 24             | 9.5            | 12.4 | 9.5 |
| B6          | 54 | 28.5           | 14.5           | 12.4 | 9.5 |
| B7          | 57 | 33             | 25             | 12.4 | 9.5 |
| B8          | 70 | 51             | 32             | 18   | 6.5 |
| BW1         | 48 | 24             | 9.5            | 12.4 | 7.1 |
| BW2         | 54 | 28.5           | 14.5           | 12.4 | 7.1 |
| BW3         | 57 | 33             | 25             | 12.4 | 7.1 |





## BRASS VALVE CAPS & ADAPTERS



## COLORFUL ALUMINUM VALVE CAPS



All the above aluminum caps can be oxidated into various colors.



PLASTIC VALVE CAPS



CHROME SLEEVES FOR SNAP-IN VALVES



COLORFUL ALUMINUM SLEEVES FOR SNAP-IN VALVES





## EXTENSION CAPS



VC12 Double seal metal cap



Metal Extension Caps



Plastic Extension Caps

| PREMIER NO. | EFF. LENGTH | TOTAL LENGTH |
|-------------|-------------|--------------|
| E13M/E13P   | 13          | 21           |
| E19M/E19P   | 19          | 27           |
| E32M/E32P   | 32          | 40           |
| E38M/E38P   | 38          | 46           |

## VALVE EXTENSIONS



Plastic Valve Extensions

| PREMIER NO. | EFF. LENGTH | TOTAL LENGTH |
|-------------|-------------|--------------|
| EXT51P      | 34          | 51           |
| EXT71P      | 54          | 71           |
| EXT95P      | 78          | 95           |
| EXT115P     | 98          | 115          |
| EXT125P     | 108         | 125          |
| EXT150P     | 133         | 150          |
| EXT170P     | 153         | 170          |
| EXT180P     | 163         | 180          |



Brass Valve Extensions

| PREMIER NO. | EFF. LENGTH | TOTAL LENGTH |
|-------------|-------------|--------------|
| EXT34M      | 27          | 34           |
| EXT40M      | 33          | 40           |
| EXT60M      | 53          | 60           |
| EXT84M      | 77          | 84           |
| EXT100M     | 93          | 100          |
| EXT115M     | 100         | 115          |
| EXT125M     | 110         | 125          |
| EXT140M     | 125         | 140          |
| EXT142M     | 127         | 142          |
| EXT152M     | 129         | 152          |
| EXT156M     | 133         | 156          |
| EXT160M     | 137         | 160          |
| EXT177M     | 154         | 177          |



PRE34M



PRE45M

| PREMIER NO. | L  | α   |
|-------------|----|-----|
| PRE34M-45   | 34 | 45° |
| PRE34M-90   | 34 | 90° |
| PRE45M-45   | 45 | 45° |
| PRE45M-90   | 45 | 90° |





## VALVE EXTENSIONS



Rubber Valve Extensions

| PREMIER NO. | EFF. LENGTH | TOTAL LENGTH |
|-------------|-------------|--------------|
| EXT75R      | 69          | 75           |
| EXT105R     | 99          | 105          |
| EXT125R     | 119         | 125          |
| EXT140R     | 134         | 140          |
| EXT160R     | 154         | 160          |
| EXT180R     | 174         | 180          |
| EXT210R     | 204         | 210          |
| EXT250R     | 264         | 250          |
| EXT430R     | 424         | 430          |



Stainless Steel Braided Rubber Extensions

| PREMIER NO. | EFF. LENGTH | TOTAL LENGTH |
|-------------|-------------|--------------|
| EXT75S      | 69          | 75           |
| EXT125S     | 119         | 125          |
| EXT140S     | 134         | 140          |
| EXT180S     | 174         | 180          |
| EXT210S     | 204         | 210          |
| EXT250S     | 244         | 250          |
| EXT270S     | 264         | 270          |
| EXT370S     | 364         | 370          |
| EXT430S     | 424         | 430          |



Flexible Extension with Red Protective Hose

| PREMIER NO. | EFF. LENGTH | TOTAL LENGTH |
|-------------|-------------|--------------|
| EXT125S-RC  | 119         | 125          |
| EXT175S-RC  | 169         | 175          |
| EXT250S-RC  | 244         | 250          |

## HOLDERS FOR VALVE EXTENSIONS



PRHD01-15  
Single Holder



PRHD01-25  
Single Holder



PRHD02-15  
Double Holder



PRHD03  
Double Holder



PRHD04-AL  
Aluminum Material



PRHD05  
Bracket-Single bend



PRHD06  
Bracket-Double bend



PRHD07



## CLIP-ON AIR CHUCK



AC106(Open)  
AC106C(Closed)  
(Hose barb 6mm)



AC107-B(Open)  
AC107C-B(Closed)  
(Hose barb 7mm)



AC108(Open)  
AC108C(Closed)  
(Hose barb 8mm)



AC110-B(Open)  
AC110C-B(Closed)  
(Hose barb 10mm)

Both nickel plated and brass brightened are available to the above chucks



AC201(Open)  
AC201C(Closed)



AC202(Open)  
AC202C(Closed)



AC203(Open)  
AC203C(Closed)



AC204(Open)  
AC204C(Closed)



AC205(Open)  
AC205C(Closed)



AC112 (Hose barb 6mm)  
AC113 (Hose barb 8mm)



PRTD01



PRTD02

## DUAL FOOT AIR CHUCKS



AC401, with 1/4" FPT  
AC402, with 1/8" FPT



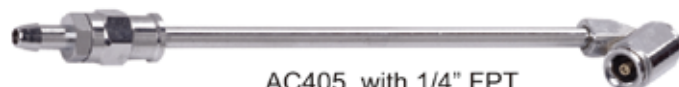
AC403, with 1/4" FPT



AC404, with 1/4" FPT



AC406, with 1/4" FPT



AC405, with 1/4" FPT



AC208(Open)  
AC208C(Closed)  
(Hose barb 8mm)



AC210 (Open)  
AC210C (Closed)  
(With 1/4" FPT)



AC206(Open)  
AC206C(Close)  
(Lock on air chuck, with 1/4" FPT)



## VALVE CORE INSTALLATION TOOLS



CT01-100L  
CT01-170L



CT02-100L  
CT02-170L



CT03-100L  
CT03-170L



CT04  
Valve core driver with  
preset torque 0.45 N.m



CT05  
Aluminum Handle  
Used for standard core



CT06  
Steel Handle  
Used for standard core



CT07  
For large bore valve core



CT08  
Double-end screwdriver for standard  
bore and large bore valve cores



CT09  
Double-end screwdriver for standard  
core and screwdriver cap



CT10  
Double - end screwdriver for  
standard core and screwdriver  
cap, with magnet that can  
attract the core



CT11  
Double-end screwdriver for special valve cores



CT12



CT16  
Recessed valve core tool



CT17  
Used for turning out broken cores



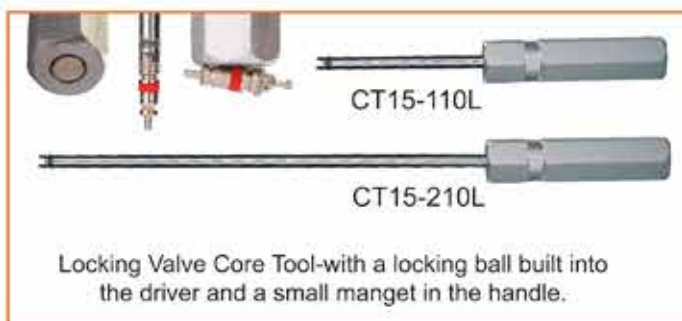
CT18  
TPMS tool



CT13



CT14  
Two-way valve core tool with clip, used for  
standard core and small screw with straight slot.



Locking Valve Core Tool-with a locking ball built into  
the driver and a small magnet in the handle.





**VALVE REPAIR TOOLS**



**VT01**  
Four-way valve tool,  
zinc plated



**VT02**  
Four-way valve tool,  
black hardened



**VT03**  
Four-way valve tool,  
black hardened



**VT15**  
Two-way valve tool, with  
5V1 core screwdriver  
and tire deflator



**VT04**  
Four-way valve tool, for large  
bore application, zinc plated



**VT05**  
Four-way valve tool, for large  
bore application, black hardened



**VT16**  
Four-way valve tool,  
chrome plated

**MOUNTING TOOLS FOR SNAP-IN VALVES**



**VT06**



**VT07**



**VT08**



**VT09**



**VT10**



**VT11**



**VT18**  
Valve remover with rubber pad



**VT19**  
Pull-A-Stem Valve Installation Tool



**VT20**  
Valve Installation Tool, Clamp-on Type



**VALVE FISHING TOOLS**



VT12 L200mm  
VT12L L600mm



VT12S L100mm  
VT12SS L75mm



VT13 L200mm



VT14 L200mm

**TIRE TREAD DEPTH GAUGES**



**TDG01**

With convenient pocket clip, and calibrated in 1/32 inches and from 0 to 25 mm.



**TDG02**

Tread depth gauge designed for truck tires, with calibration 0 to 50 mm.



**TDG03**

A quality accurate tread depth gauge designed for truck tires. Calibration in 1/32 inches and 0 to 25 mm.



**TDG04**

High quality metal gauge with clip. Calibration in 1/32 inches or 0 to 25 mm.



**TDG05**

Tread depth gauge for OTR tires. Calibration in 1/32 inches and 0 to 152mm.



**TDG06**

High quality tread depth gauge designed for OTR tires, with an amplifier in the middle to read the scale clearly. Calibration in 1/32 inches and 0 to 152 mm.



**TDG07**

Digital tread depth gauge  
Range: 0-25mm



**TDG08**

Dial tread depth gauge  
Range: 0-11mm



## HEAVY DUTY INSERT/PROBE TOOLS



TRT07

Heavy-duty split eye insert tool with Zinc-alloy T-handle



TRT08

Heavy-duty spiral probe tool with Zinc-alloy T-handle



TRT22

Hoe style innerliner scraper



TRT23

Blade innerliner scraper

## STITCHERS



TRT24



TRT24P

| PREMIER NO. | ROLLER SIZE | HANDLE  |
|-------------|-------------|---------|
| TRT24-382   | 38mm×2mm    | Wooden  |
| TRT24-383   | 38mm×3mm    | Wooden  |
| TRT24-386   | 38mm×6mm    | Wooden  |
| TRT24-502   | 50mm×2mm    | Wooden  |
| TRT24-506   | 50mm×6mm    | Wooden  |
| TRT24P-382  | 38mm×2mm    | Plastic |
| TRT24P-383  | 38mm×3mm    | Plastic |
| TRT24P-502  | 50mm×2mm    | Plastic |
| TRT24P-506  | 50mm×6mm    | Plastic |

## ADHESIVE WEIGHT REMOVER



WT11



PHG001



PHG002



PHG003

## WHEEL WEIGHT PLIERS





## DIGITAL TIRE PRESSURE GAUGE



DTG-001



DTG-002

For measuring the pressure of both passenger and truck tires, with pressure range 3~100psi(0.2~7.0 bar). Clear screen easy to read figure, long-life battery with low power warning light, scale with psi, bar, kpa, and kgf.

## TIRE MARKING CRAYONS



TMC-W (White)



TMC-Y (Yellow)

Used to make marks on tires, tubes, rubber and plastic products. Packed 12 pieces per box.



Holder for Rubber Marking Crayon

Steel holder prevents waste from breakage of Crayon.

## TIRE REPAIR STRINGS



Φ6X100mm Brown/Black  
Φ4.5X100mm Brown/Black



Φ6X200mm Brown/Black  
Φ 4.5X200mm Brown/Black



Φ3X200mm Black (8")  
Φ3X305mm Black (12")

## SKIVING KNIFE



SK 01



SK 02



SK 03

Blade size 4"

## TIRE MOUNTING PROTECTOR



TMP01

Protects the rim from damage of tire lever when mounting the tire.



**TIRE LEVER**



| PREMIER NO. | DESCRIPTION                                     |
|-------------|-------------------------------------------------|
| TL001       | 12"(300mm) Tire Lever                           |
| TL002       | 16"(400mm) Tire Lever                           |
| TL003       | 20"(500mm) Tire Lever                           |
| TL004       | 22"(550mm) Tire Lever                           |
| TL005       | 24"(600mm) Tire Lever                           |
| TL006       | 30"(750mm) Tire Lever                           |
| TL003WP     | 20"(500mm) Tire Lever<br>with plastic protector |
| TL007       | 2 in 1 Tire Dismounting Tool                    |

**BEAD BOOSTERS**



PG18



PG36

| PREMIER NO. | CAPACITY  | WEIGHT |
|-------------|-----------|--------|
| PG18        | 5 Gallon  | 12 kgs |
| PG36        | 10 Gallon | 17 kgs |



**INSERT/PROBE TOOLS**



**4-IN-1-HANDLE COMBINATION TOOL**



Premier Part Numbers of tools with fixed needles/reamers:

|          |          |          |          |          |
|----------|----------|----------|----------|----------|
| TRT-N1-A | TRT-N2-A | TRT-N3-A | TRT-N4-A | TRT-N5-A |
| TRT-N1-B | TRT-N2-B | TRT-N3-B | TRT-N4-B | TRT-N5-B |
| TRT-N1-C | TRT-N2-C | TRT-N3-C | TRT-N4-C | TRT-N5-C |
| TRT-N1-D | TRT-N2-D | TRT-N3-D | TRT-N4-D | TRT-N5-D |
| TRT-N1-E | TRT-N2-E | TRT-N3-E | TRT-N4-E | TRT-N5-E |

Premier Part Numbers of tools with replaceable needles/reamers:

|           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|
| TRT-N1-AR | TRT-N2-AR | TRT-N3-AR | TRT-N4-AR | TRT-N5-AR |
| TRT-N1-BR | TRT-N2-BR | TRT-N3-BR | TRT-N4-BR | TRT-N5-BR |
| TRT-N1-MS | TRT-N2-MS | TRT-N3-MS | TRT-N4-MS | TRT-N5-MS |
| TRT-N1-MB | TRT-N2-MB | TRT-N3-MB | TRT-N4-MB | TRT-N5-MB |





**ADHESIVE FE WEIGHTS**



5g×12



5/10g×4



1/2oz×8



1/4oz×12

**CLIP-ON FE WEIGHTS FOR ALLOY RIM**



**CLIP-ON FE WEIGHTS FOR STEEL RIM**





**ADHESIVE ZINC WEIGHTS**



**CLIP-ON ZINC WEIGHTS FOR ALLOY RIM**



**CLIP-ON ZINC WEIGHTS FOR STEEL RIM**

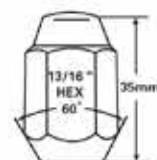




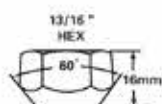
LM001



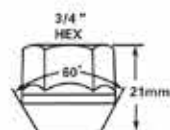
LM003



LM011



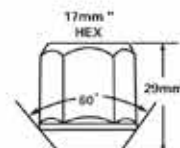
LM013



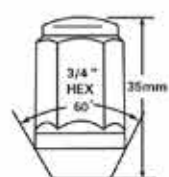
LM019



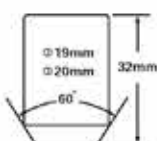
LM021



LM023

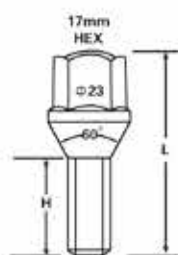


LM067



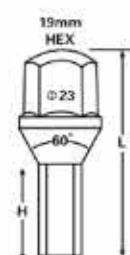
WT001

|   |    |    |      |    |    |
|---|----|----|------|----|----|
| H | 26 | 28 | 30.5 | 32 | 40 |
| L | 54 | 56 | 57   | 60 | 68 |



WT002

|   |    |    |    |    |    |
|---|----|----|----|----|----|
| H | 26 | 28 | 30 | 32 | 40 |
| L | 54 | 56 | 58 | 60 | 68 |







WL001



WL003



WL008



WL009



WL017



WL067



WB001

|   |    |    |    |    |    |    |    |
|---|----|----|----|----|----|----|----|
| H | 26 | 27 | 29 | 31 | 33 | 38 | 40 |
| L | 51 | 52 | 54 | 56 | 58 | 63 | 65 |



WB002

|   |    |      |      |      |    |      |
|---|----|------|------|------|----|------|
| H | 27 | 27   | 32   | 33   | 40 | 40.5 |
| L | 44 | 47.5 | 52.5 | 53.5 | 68 | 61   |



WB003

|   |    |    |    |    |    |
|---|----|----|----|----|----|
| H | 25 | 27 | 28 | 28 | 33 |
| L | 47 | 49 | 50 | 51 | 55 |



WB004

|   |    |    |
|---|----|----|
| H | 28 | 31 |
| L | 41 | 44 |

