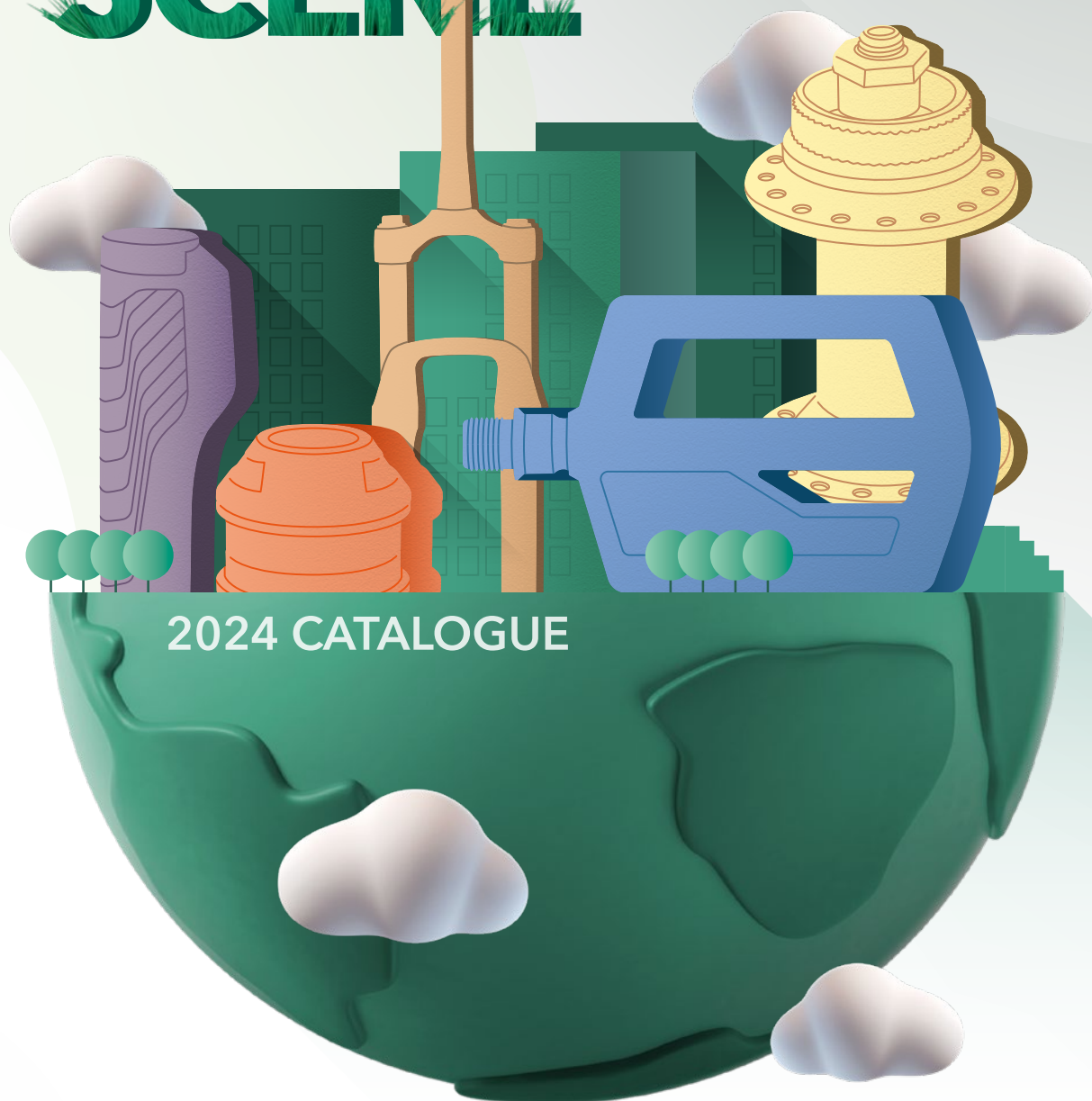


We've already become a part of

THE GREEN SCENE



2024 CATALOGUE



MODUS

DON'T WISH FOR IT.
GO GREENER.

VP offers high-quality recycled aluminum, plastic, glass/carbon fiber, TPR, and package material to make your next generation products greener, yet have the same performance. We continuously purchase green energy and reduce the carbon foot print of our manufacturing. Join us and be part of our environmental friendly program.

2011

Manufacturing energy conservation and carbon reduction group

Institute for industrial safety and hygiene

Carbon footprint check and verify

2013

Applied ISO 14001 45001

2021

Applied ISO 14064

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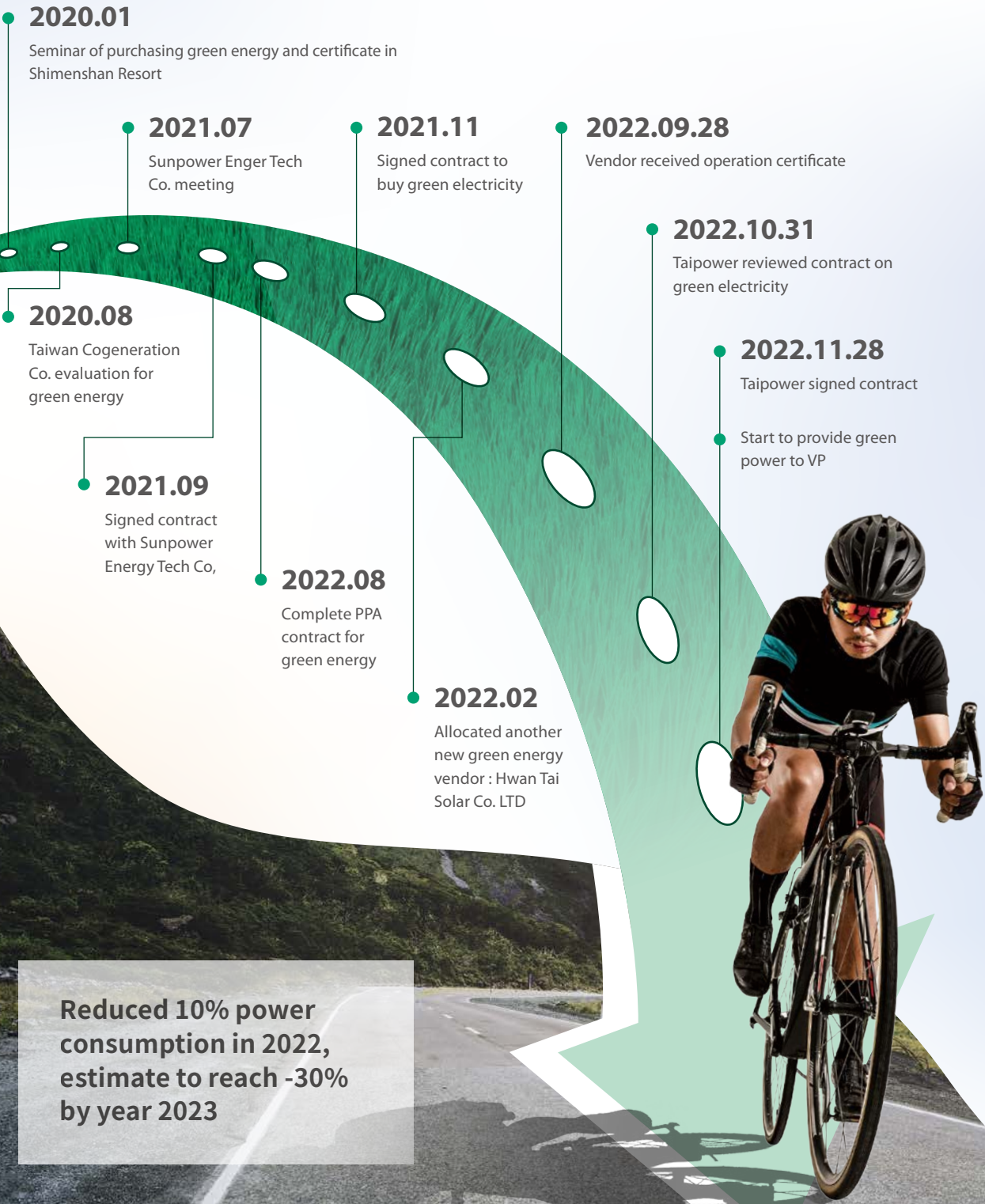
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VP'S EFFORTS ON ESG

PURCHASE OF GREEN ENERGY



CO₂ REDUCTION PLAN

Category	Carbon Qtn generate (tCO ₂ e)	Percentage (%)	Factory	Raw material	Content	CO ₂ generated (kgCO ₂ e)
Metal, Alloy product	77,363.78	92.87%	Taichang	Wire	Carbonated Steel	15,401,781.72
Plastic and rubber	5,168.24	6.20%	Jiaxing	Aluminum	Alloy	10,147,819.35
Paper and printing	768.70	0.92%	Waipu	Wire	Carbonated Steel	8,150,234.04
			Waipu	Aluminum	AD10	6,638,081.55
Total	83,300.72	100.00%	Taichang	SPHC_P	Steel Roll	5,918,393.84

Metal and Metal processing products have the highest carbon footprint, especially the metal wire and Aluminum. As a result, we use those highest carbon generated processes to set up our goal and planning. (SBTI target)

ACTION PLAN

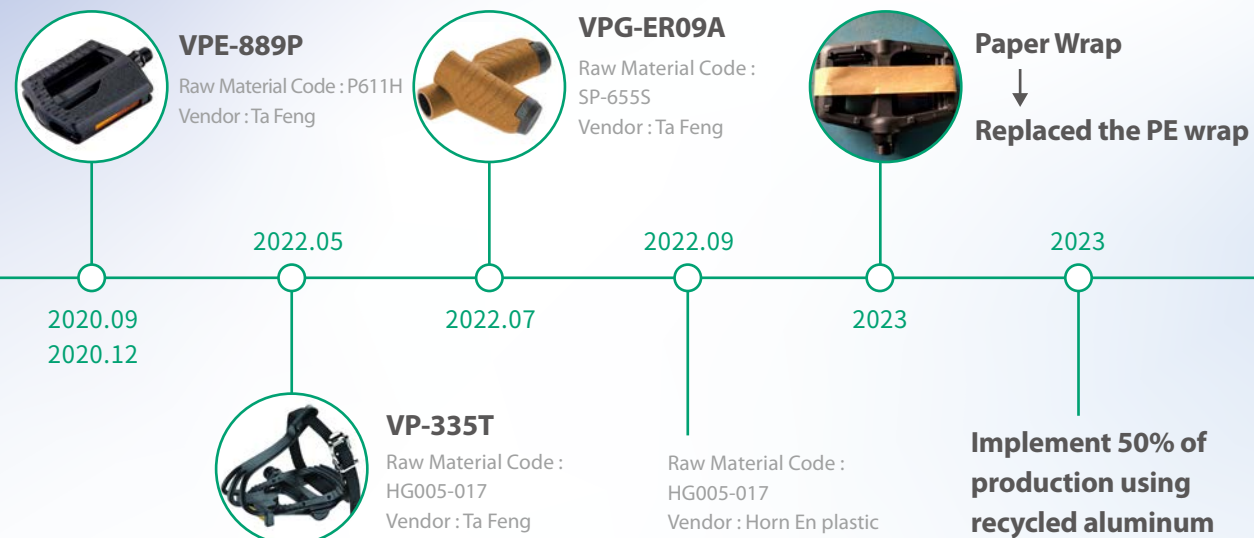
Reduce the use of material in design stage
reduce weight design (Wire size re-design to reduce weight)

Use of Recycled material
Increase percentage the use of recycled raw material for products (ex. recycled aluminum, Plastic, paper wrap)

SBTI TARGET

VP commit to reduce 25% of paper and packaging use by year 2030 compare to 2020.

IMPLEMENT RECYCLED RAW MATERIAL



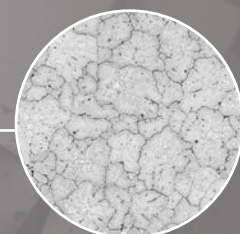
RECYCLED ALUMINUM



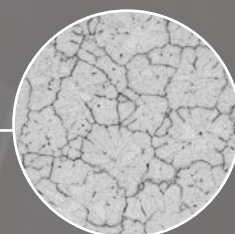
Metallographic Analysis

80% recycled Aluminum compare to 30% recycled

Result : The metallographic analysis proof that ratio 2/8 aluminum has identical metal structure, crystallized, element concentration and hardness after T6 heat treatment.



Ratio 2/8



Ratio 7/3

VP's exclusive 80% recycled raw aluminum, save energy resource without sacrifice product performance.

Aluminum can be recycled indefinitely

- Industry recycle rate 59.7%
- 75% of all aluminum ever produced to date is still in use today.
- 9% of plastic

COMPANY MANAGEMENT AND PUBLIC RELATIONSHIP

Water conservation education for Taiwan Mutual Benefit plan

● Health Activity

VP sponsored Gallery

SD 3 YEARS BLUE PRINT PLANNING

2023

**Reduce carbon emission,
build up long term
driving force**

- Implement Factory energy saving by E monitoring
- Use recycled material and packaging
- Implement ISO 14067 carbon foot print
- Implement ISO 50001 system
- Re-organized company structure, work force evaluation and labor salary
- Purchase 30% of green energy

2024

**Increase company
competivity by evaluating
labor potential**

- Implement CDP carbon Disclosure Project
- Continue practice of reduce energy and carbon emission
- Use recycled material and packaging
- Purchase 50% of green energy

2025

Management dedication for future growth

- Receive ESG sustainability report
- Continue practice of reduce energy and carbon emission
- Use recycled material and packaging
- Purchase 70% of green energy

**Continue checking, company
reduce 4.2% of carbon emission.**

MANUFACTURING PROCESS

1 EXTRUSION

In-house extrusion allows VP to save time, increase quality and expand the kinds of products we can produce.

2 DIE CASTING

Die casting is an essential part of high volume pedal production where durable products can be consistently and cost-effectively produced.

3 COLD FORGING SPINDLES

High capacity cold forging at VP is automated, quick, and precise to produce strong pedal axles.

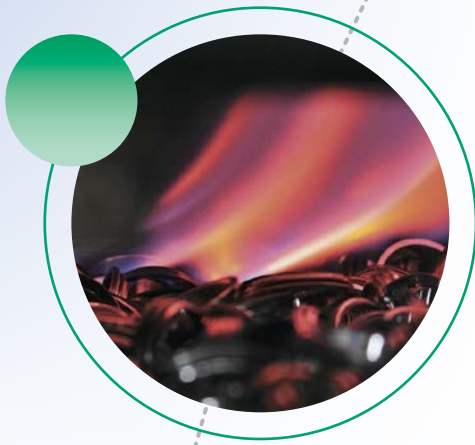
4 WARM FORGING FOR PEDAL BODY CARABINER

Warm forging creates the highest strength aluminum parts for top level mtb pedals and the mountaineering and safety equipment industry.

5 CNC MACHINING

VP uses cnc machining extensively in the production of parts for the bicycle industry.





6 HEAT TREATMENT

In house heat treatment allows us to control a critical process in the overall strength and safety of products produced in our factory.



7 SURFACE TREATMENT

In house electroplating lets us control an important step in improving the chemical, mechanical, and physical properties of key components.



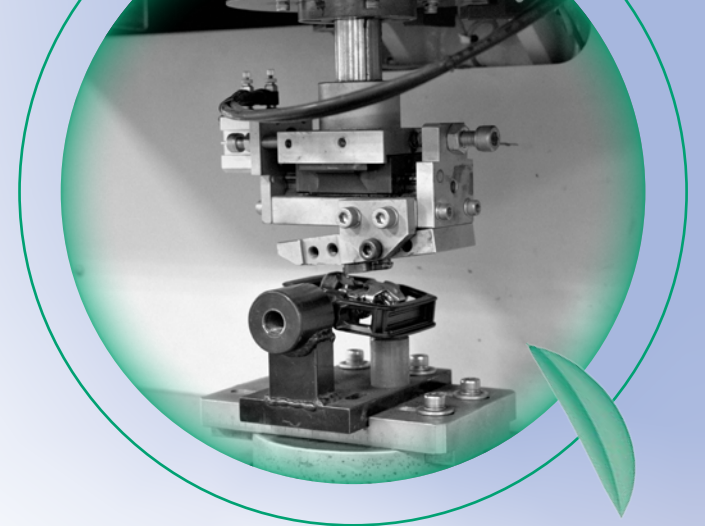
8 LASER ETCHING

Crisp, clean, and modern graphics on high value parts are easy to achieve using lasers.



9 PLASTIC INJECTION

VP has a long standing expertise in plastic injection molding in a variety of materials, from simple plastics to advanced silicones and carbon fiber.



CUSTOM MANUFACTURING

VP can optimize the production line for our customers. We have excellent design and development departments. In addition to that, VP has a professional marketing team which can provide tailor-made services for customers. In order to produce the best products, a dedicated laboratory has been set up to strictly control the yield of products, and provide professional expertise and technical support.



MTB

VPF-VEX-2751

WHEEL SIZE	27.5"
STEERER TUBE DIAMETER	1-1/8"
TRAVEL	100mm
PITCH	110mm
LEFT SIDE	Spring
CROWN	A6061 Forged
LOWER LEG	Alloy
STANCHION TUBE FINISH	Black
AXLE	ø15-110

VPF-VEX-2901

WHEEL SIZE	29"
STEERER TUBE DIAMETER	1-1/8"
TRAVEL	100mm
PITCH	110mm
LEFT SIDE	Spring
CROWN	A6061 Forged
LOWER LEG	Alloy
STANCHION TUBE FINISH	Black
AXLE	ø15-110



VP's FORK PRODUCTION LINE

VP's fork production line is highly automated and controlled. Our robotic die casting line is highly efficient. There is very little waste as laser sensors check for overflow and flash is trimmed for recycling back into the die casting process. The diecast fork lowers contain approximately 40% recycled material.

The diecast lowers are finished with grinding and sanding which is done 80% by automated machines

with minimal hand labor up to this point. Drilling and tapping of brake mounts and fender mounts are done in one process on a rotary table. Automated bonderizing and spray painting complete the lower leg processing.

The crown is forged for strength and holes are machined to tight tolerances to accept the stanchions and steerer tube. During assembly of the CSU(crown-steerer unit), the critical press-in-force of the steerer tube and stanchions are measured precisely and recorded on a barcode. Once fully assembled, the forks functions are checked and spring rate measured and also recorded on the barcode.

CITY



NEW!

VPF-20001

WHEEL SIZE	20", 24" Cargo fork
STEERER TUBE DIAMETER	1 1/8, 1.5" tapered
TRAVEL	50mm
PITCH	130mm
LEFT SIDE	Spring
CROWN	A6061 forged
STANCHION TUBE FINISH	Black
AXLE	15mm

CARGO



NEW!

VPF-70001

WHEEL SIZE	700C, 29" Urban
STEERER TUBE DIAMETER	1 1/8, 1.5" tapered
TRAVEL	110mm/80mm
PITCH	140mm
LEFT SIDE	Spring (Air option
CROWN	A6061 forged
STANCHION TUBE FINISH	Black
AXLE	QR

FORK

ERGO SYSTEM



NEW!

VPG-ER08A

MATERIAL PP / TPR
CLAMP Aluminum
SIZE ID 22.2mm x OD 33mm x L 135.5mm



NEW!

VPG-ER08AT

MATERIAL PP / TPR
CLAMP Nylon
SIZE ID 22.2mm x OD 33mm x L 145mm



NEW!

VPG-ER09A

MATERIAL PP / TPR + recycled cork
CLAMP Aluminum
SIZE ID 22.2mm x OD 33mm x L 133.2mm



NEW!

VPG-ER09AS

MATERIAL PP / TPR + recycled cork
CLAMP Aluminum
SIZE ID 22.2mm x OD 33mm x 144/93mm (short)

VPG-ER05AS

MATERIAL PP / TPR
CLAMP Aluminum
SIZE ID 22.2mm x OD 31mm x L 133mm / R 93mm



VPG-ER05A

MATERIAL PP / TPR
CLAMP Aluminum
SIZE ID 22.2mm x OD 31mm x L 133mm



MTB



VPG-ER07

MATERIAL Nylon / TPR
CLAMP Nylon
SIZE ID 22.2mm x OD 30mm x L 138mm



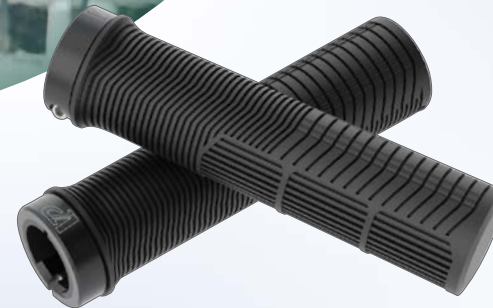
VPG-ER07S

MATERIAL Nylon / TPR
CLAMP Nylon
SIZE ID 22.2mm x OD 30mm x L 138mm / R 98mm



VPG-ER06

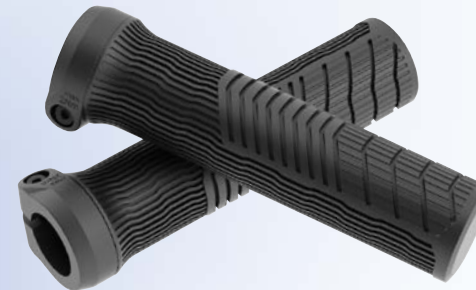
MATERIAL TPR
CLAMP ID 22.2mm x OD 30.5mm x L 130.5mm



NEW!

VPG-127A

MATERIAL PP / TPR
CLAMP Aluminum
SIZE ID 22.2mm x OD 30mm x L 136mm



NEW!

VPG-106

MATERIAL PP / TPR
CLAMP PP
SIZE ID 22.2 mm x OD 32 mm x L 138mm



VPG-103

MATERIAL PP / TPR
CLAMP PP
SIZE ID 22.2mm x OD 32.6mm x L 130mm



VPG-105

MATERIAL PP / TPR
CLAMP PP
SIZE ID 22.2 mm x OD 32 mm x L 138mm



• VPG-126A

MATERIAL	PP / TPR
CLAMP	Aluminum
SIZE	ID 22.2 mm x OD 32 mm X L 136mm



• VPG-122A

MATERIAL	PP / TPR
CLAMP	Aluminum
SIZE	ID 22.2mm x OD 32mm x L 136mm



• VPG-125A

MATERIAL	PP / TPR
CLAMP	Aluminum
SIZE	ID 22.2mm x OD 30mm x L 136mm



• VPG-115A

MATERIAL	PP / TPR
CLAMP	Aluminum
SIZE	ID 22.2mm x OD 29.2mm x L 136mm

BMX



• VPG-301A

MATERIAL	PP / TPR
CLAMP	Aluminum
SIZE	ID 22.2mm x OD 31mm x L 152mm

SIMO

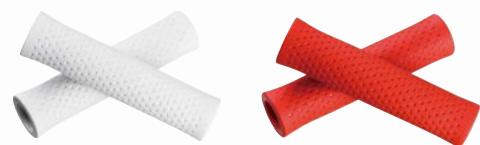
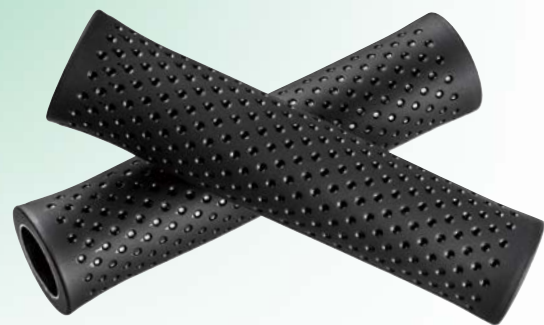
SIMO Grips made of premium quality materials meet European bio-safety standards.

- Non-toxic, hypoallergenic
- UV stable-never fades or gets sticky
- Higher traction than TPR
- Superior tactile experience
- Exact Pantone matching possible



• VPG-BS06P 105L

OPEN-END	
MATERIAL	100% Silicone
SIZE	ID 22.2mm x OD 30mm x L 108mm



• VPG-BS06 / VPG-BS06P

OPEN-END

MATERIAL 100% Silicone
SIZE ID 22.2mm x OD 30mm x L 128.7mm



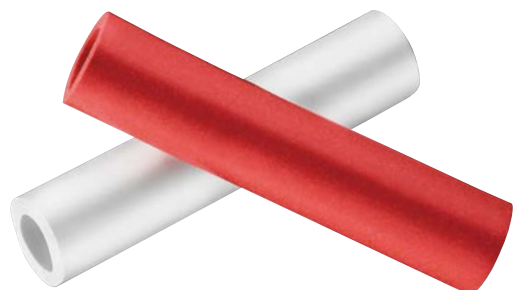
• VPG-BS52A

MATERIAL PC / Silicone
CLAMP Aluminum
SIZE ID 22.2mm x OD 32.5mm x L 133mm



• VPG-BS01

MATERIAL 100% Silicone
SIZE L 130mm x OD 33mm



• VPG-BS05

MATERIAL 100% Silicone
SIZE L 130mm x OD 33mm

ZEDLER ADV+XXL COMPLIANT



• VPE-625



BODY ED black aluminum body inlaid black TPE tread.
AXLE 7mm boron steel.
BEARING EPB system.
SIZE 105.5 x 95.4 mm.
REFLECTOR Fineline included. TW

• Passed Zedler EPAC Advanced plus XXL test



• VPE-527



BODY ED black aluminum body.
AXLE 7mm boron steel.
BEARING EPB system.
SIZE 115.8 x 103.4 mm.
REFLECTOR Fineline optional. TW

• Passed Zedler EPAC Advanced plus XXL test



• VP-532



BODY One-piece nylon body, steel pins.
AXLE CNC machined Cr-Mo.
BEARING LSL & Double sealed ball bearings.
SIZE 112 x 106.9 mm.

• Passed Zedler EPAC Advanced plus XXL test

CITY

100% Recycled PP Material

Passed REACH / ROHS

European Certification Of Plastics Recyclers

VPE-899P



BODY One-piece PP body inlaid Grip tread.
AXLE 7mm boron steel.
BEARING EPB system.
SIZE 112 x 83.3 mm.
REFLECTOR Fineline included. TW

Passed Zedler Advanced plus test



NEW!

REV-001



BODY One-piece recycled PP body.
AXLE 7mm boron steel.
BEARING EPB system.
SIZE 111mm x 111mm.
REFLECTOR Fineline included. TW



NEW!

VPE-541P

CARGO



BODY Nylon Body inlaid grip tread.
AXLE 7mm boron steel.
BEARING EPB system.
SIZE 112.5mm x 115.5mm.
REFLECTOR Fineline included. TW

Passed Zedler EPAC Advanced plus XXL test



NEW!

VPE-547P

CARGO



BODY ED black aluminum body.
AXLE CNC Machined CR-Mo.
BEARING LSL & Dual seal bearing.
SIZE 112.5mm x 115.5mm.
REFLECTOR Fineline optional. TW



Modern, commuting and riding with style Clean and simple design with best function and durability for urban, trekking and E-bikes.



VPE-017P



BODY Extruded / CNC machined aluminum body inlaid Grip tread.
AXLE 7mm boron steel.
BEARING EPB system.
SIZE 109.6 x 83 mm.
REFLECTOR Fineline optional. TW



VPE-891



BODY One-piece PP body.
AXLE 7mm boron steel.
BEARING EPB system.
SIZE 105 x 81 mm.
REFLECTOR Fineline included. TW



VPE-857



BODY PP body inlaid TPE tread.
AXLE 7mm boron steel.
BEARING EPB system.
SIZE 105.5 x 81 mm.
REFLECTOR Fineline included. TW

VPE-623



BODY Barrel polished aluminum w/PP cage & inlaid TPE tread.
AXLE 7mm boron steel.
BEARING EPB system.
SIZE 106 x 82.3 mm.
REFLECTOR Fineline included. TW



PEDAL



VP-821



BODY PP body inlaid TPE tread.
AXLE 7mm boron steel.
BEARING EPB system.
SIZE 110 X 79.5 mm.
REFLECTOR Finline included. TW



VP-831P



BODY Nylon body inlaid Grip tread.
AXLE CNC machined Cr-Mo.
BEARING LSL & Double sealed ball bearings.
SIZE 111 x 87 mm.
REFLECTOR Finline included. TW



VP-183N



BODY Barrel polished aluminum, w/PP cage & inlaid TPE tread.
AXLE CNC machined Cr-Mo.
BEARING LSL & Double sealed ball bearings.
SIZE 101 X 79.5 mm.
REFLECTOR Included. TW
OPTION VP-613 ball bearings
 VP-183NQ(Q50) Quick release system



VP-836



BODY PP body inlaid Grip tread.
AXLE 7mm boron steel.
BEARING Ball bearings, extended cup.
SIZE 112 x 86.5 mm.
REFLECTOR Included. TW



VP-617



BODY Barrel polished aluminum w/PP cage & inlaid TPE tread.
AXLE 7mm boron steel.
BEARING Ball bearings.
SIZE 111 x 80 mm.
REFLECTOR Finline included. TW



VP-658



BODY Barrel polished aluminum, inlaid TPE tread.
AXLE 9mm boron steel.
BEARING Ball bearings.
SIZE 111 x 76.1 mm.
REFLECTOR Finline included. TW



VP-608



BODY Barrel polished aluminum, inlaid TPE tread.
AXLE Boron steel.
BEARING Ball bearings.
SIZE 108 x 69 mm.
REFLECTOR Finline included. TW



VP-573



BODY PP body inlaid TPE tread.
AXLE 7mm Boron steel.
BEARING Ball bearings, extended cup.
SIZE 105 x 100 mm.
REFLECTOR Finline included. TW
OPTION VP-571 One-piece PP body. TW



MTB



VP-810



BODY	Black or gray PP body ,inlaid TPE tread.
AXLE	Boron steel.
BEARING	Ball bearings.
SIZE	111.3 x 70 mm.
REFLECTOR	Included. TW / CN



NEW!

VPE-507



BODY	ED black aluminum body.
AXLE	7mm boron steel.
BEARING	EPB system.
SIZE	112.5 x 115.5 mm.
REFLECTOR	Optional. TW



blade
TITANIUM

BLADE



BODY	Titanium 6AL/4V.
AXLE	CNC machined Titanium 6AL/4V.
BEARING	LSL & Double sealed ball bearings.
SIZE	100 x 105 mm. TW



NEW!

VPE-533



BODY	Engineered Composite.
AXLE	7mm boron steel.
BEARING	EPB system.
SIZE	112.5 x 115.5 mm.
REFLECTOR	Fineline included. TW



NEW!

VPE-509



BODY	ED black aluminum body.
AXLE	7mm boron steel.
BEARING	EPB system.
SIZE	114 x 112.3 mm.
REFLECTOR	Fineline optional. TW



VPE-461



BODY	One-piece PP body.
AXLE	7mm boron steel.
BEARING	EPB system.
SIZE	112.5 x 84 mm.
REFLECTOR	Fineline optional. TW



VPE-899



BODY	One-piece PP body.
AXLE	7mm boron steel.
BEARING	EPB system.
SIZE	112.5 x 84 mm.
REFLECTOR	Optional. TW



VPE-506



BODY ED black aluminum body.
AXLE 7mm boron steel.
BEARING EPB system.
SIZE 112x 100.5 mm.
REFLECTOR Optional. TW



VPE-993



BODY Black PP.
CAGE ED black aluminum.
AXLE 7mm boron steel.
BEARING EPB system.
SIZE 106.6 x 73mm.
REFLECTOR Fineline optional. TW



VP-196N



BODY Barrel polished aluminum.
CAGE ED black aluminum, cage flip.
AXLE 7mm CNC machined Cr-Mo.
BEARING LSL & Double sealed ball bearings.
SIZE 101 X 79.5 mm.
TOE CLIP Attachable.
REFLECTOR Optional. TW/CN

VP-197N



BODY Cold-forged one-piece aluminum, bead blasted, black or silver.
AXLE CNC-machined Cr-Mo.
BEARING LSL & Double sealed ball bearings.
SIZE 98 x 73 mm.
TOE CLIP Attachable.
REFLECTOR Optional. TW



VP-195E



BODY Barrel polished aluminum.
CAGE Ano. Silver or ED black aluminum.
AXLE CNC machined Cr-Mo.
BEARING Ball bearings.
SIZE 105 X 63.5 mm.
TOE CLIP Attachable.
REFLECTOR Fineline optional. TW



VP-872



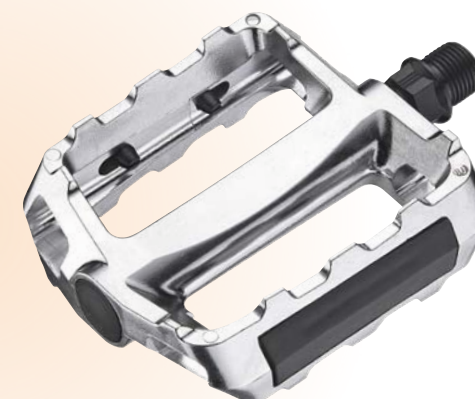
BODY One-piece PP body.
AXLE Boron steel.
BEARING Ball bearings.
SIZE 110x 75mm.
REFLECTOR Included. TW/CN
OPTION **VP-872N** toe-clip not attachable. 322 g/pr. CN
VP-872B w/o bearings; steel axle. 282 g/pr. CN



VP-895



BODY One-piece PP body.
AXLE 7 mm boron steel.
BEARING Ball bearings, extended cup.
SIZE 105.4 x 80.6 mm.
REFLECTOR Included. TW



VP-469



BODY Barrel polished aluminum.
AXLE 7mm boron steel.
BEARING Ball bearings.
SIZE 101.8 x 77.1 mm.
REFLECTOR Optional. TW

BMX



VPE-537



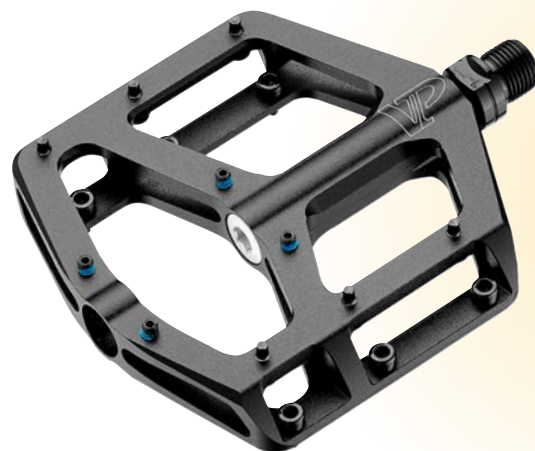
BODY One-piece PP body.
AXLE 7mm boron steel.
BEARING EPB system.
SIZE 110.5 x 102 mm.
REFLECTOR Fineline included. TW



VPE-536



BODY One-piece nylon body.
AXLE 7mm boron steel.
BEARING EPB system.
SIZE 113 X 105 mm.
REFLECTOR Fineline Included. TW



VP-018



BODY Extruded /CNC machined aluminum platform, replaceable grip pins.
AXLE CNC machined Cr-Mo.
BEARING LSL & Double sealed ball bearings.
SIZE 120 X 108 mm. TW



VP-001



BODY Extruded / CNC machined aluminum platform, replaceable grip pins.
AXLE CNC machined Cr-Mo.
BEARING LSL & Double sealed ball bearings.
SIZE 109 x 96 mm. TW



VP-015



BODY Extruded / CNC machined aluminum platform, replaceable grip pins.
AXLE CNC machined Cr-Mo.
BEARING LSL & Double sealed ball bearings.
SIZE 105 x 96 mm. TW



VP-503



BODY Barrel polished aluminum.
AXLE CNC machined Cr-Mo.
BEARING LSL & Double sealed ball bearings.
SIZE 113.7 x 103.7 mm. TW



VP-531



BODY Barrel polished aluminum.
AXLE CNC machined Cr-Mo.
BEARING LSL & Double sealed ball bearings.
SIZE 105 x 102 mm
REFLECTOR Fineline optional. TW
OPTION VP-531E ball bearings.

MTB CLIPLESS



VP-535



BODY	One-piece nylon body.
AXLE	7mm boron steel.
BEARING	Ball bearings, extended cup.
SIZE	111 x 105 mm.
REFLECTOR	Fineline included. TW
OPTION	VP-536 one-piece PP body. TW/CN



VP-538



BODY	One-piece nylon body.
AXLE	CNC machined Cr-Mo.
BEARING	LSL & Double sealed ball bearings.
SIZE	104.5 x 105 mm.
REFLECTOR	Fineline included. TW



VP-539



BODY	Long fiber glass reinforced nylon.
AXLE	CNC machined Cr-Mo.
BEARING	LSL & double sealed ball bearings.
SIZE	113.4 x 100 mm.
REFLECTOR	Fineline included. TW



TEN-10 RACE



BODY	Carbon fiber reinforced nylon.
AXLE	CNC machined Cr-Mo.
BEARING	Roller & double sealed ball bearings.
BINDING	Dual-sided, adjustable tension(80~160 kgf.com).
CLEAT	VP-C51.
SIZE	85.5 X 67mm. TW



TEN-10 ADVENTURE



BODY	Carbon fiber reinforced nylon.
AXLE	CNC machined Cr-Mo.
BEARING	Roller & double sealed ball bearings.
BINDING	Dual-sided, adjustable tension(80~160 kgf.com).
CLEAT	VP-C51.
SIZE	85.3 X 88.5mm. TW

ROAD

The VP-R77 is our sleek new road pedal with a wide platform for power transfer and the most stable inter- face available anywhere. Thanks to our patented split cleat which allows you to change the front and rear pieces separately.

- Engineered composite body
- Stable power transfer
- Smooth bearings

VP-R77



BODY	Engineered composite.
AXLE	CNC machined Cr-Mo.
BEARING	LSL & Double sealed ball bearings.
BINDING	Adjustable tension (80~140kgf-cm).
CLEAT	VP-ARC5 & VP-ARC6 4.5 & 9 degree float (Optional: VP-BLK5 & VP-BLK6 fixed).
SIZE	85.5x 86.4 mm.
REFLECTOR	Optional. (VP-R2 black.) TW



VP-R75

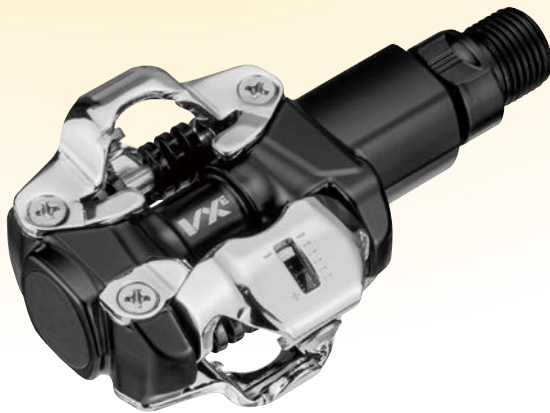


BODY	Coated aluminum.
AXLE	CNC machined Cr-Mo.
BEARING	LSL & Double sealed ball bearings.
BINDING	Adjustable tension (80~140kgf-cm).
CLEAT	VP-ARC5 & VP-ARC6 4.5 & 9 degree float (Optional: VP-BLK5 & VP-BLK6 fixed).
SIZE	85.5x 86.4 mm.
REFLECTOR	Optional. (VP-R2 black.) TW

VP-813



BODY	CP steel, black PVC rubber blocks.
AXLE	Boron steel.
BEARING	Ball bearings.
SIZE	118.6 x 80 mm.
REFLECTOR	Included. TW/CN



VX-1001



BODY	Coated aluminum.
AXLE	CNC machined Cr-Mo.
BEARING	Ball bearings.
BINDING	Dual-sided, adjustable tension (80~160kgf.cm).
CLEAT	VP-C51.
SIZE	81 x 63.6mm. TW



VX-2001



BODY	Coated aluminum.
AXLE	CNC machined Cr-Mo.
BEARING	LSL & Double sealed ball bearings.
BINDING	Dual-sided, adjustable tension (80~160kgf.cm).
CLEAT	VP-C51.
SIZE	83.5 x 59 mm. TW



VX-2501



BODY	Coated aluminum.
AXLE	CNC machined Cr-Mo.
BEARING	Roller & Double sealed Ball bearings.
BINDING	Dual-sided, adjustable tension (80~160kgf.cm).
CLEAT	VP-C51.
SIZE	83.5 x 75.9 mm. TW



VX-6001



BODY	Cold-forged one-piece aluminum.
AXLE	CNC machined Cr-Mo.
BEARING	Roller & Double sealed ball bearings.
BINDING	Dual-sided , adjustable tension (80~160 kgf.com).
CLEAT	VP-C51.
SIZE	85.5 X 86 mm.



DUAL FUNCTION



VP-335T



BODY	One-piece PP body.
AXLE	7mm boron steel.
BEARING	Ball bearings, extended cup.
SIZE	91.5x 140 mm.
TOE CLIP	Nylon toe clip VP-792 & strap VP-701NLT.
REFLECTOR	Fineline included. TW
OPTION	VP-335 Without Top clip & Strap.



VP-365



BODY	Barrel polished aluminum.
CAGE	Barrel polished aluminum.
AXLE	Boron steel.
BEARING	Ball bearings.
SIZE	111x60.2mm.
REFLECTOR	Optional. TW
OPTION	VP-365T assembled with toe-clips VP-712 & leather strap VP-715. TW



VP-378



BODY	UCP Steel.
CAGE	Boron steel.
BEARING	Ball bearings.
SIZE	119 x 66 mm.
REFLECTOR	Optional. TW

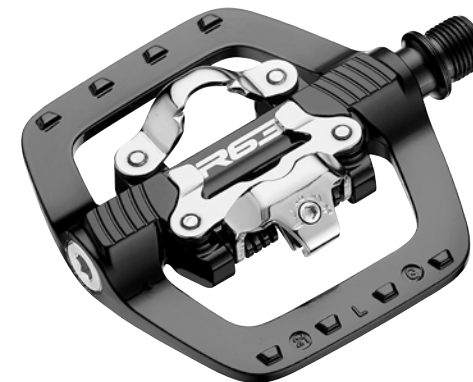


NEW!

VP-R90



BODY	Cold Forged aluminum.
CAGE	Anodize black.
AXLE	Clean metal bearings & double sealed ball bearings.
BINDING	Single side, adjustable tension (80-140kgf/cm).
CLEAT	VP-C51.
SIZE	92 x 92 mm.



VP-R63



BODY	Coated aluminum.
AXLE	CNC machined Cr-Mo.
BEARING	Roller & double sealed ball bearings.
BINDING	VP-C51 compatible single -sided adjustable tension.
SIZE	100 X 101 mm. TW



VP-X92



BODY	Barrel polished aluminum.
CAGE	ED black aluminum.
AXLE	CNC machined Cr-Mo.
BEARING	Ball bearings.
BINDING	Single-sided, adjustable tension (80~140kgf.cm).
CLEAT	VP-C51.
SIZE	103 x 68.7 mm.
REFLECTOR	Optional. TW



VP-X82N



BODY	Barrel polished aluminum.
CAGE	ED black aluminum, cage flip.
AXLE	CNC machined Cr-Mo.
BEARING	LSL & double sealed ball bearings.
BINDING	Single-sided, adjustable tension (80~140kgf.cm).
CLEAT	VP-C51.
SIZE	99 X 69 mm.
REFLECTOR	Optional. TW

JUNIOR



VPE-227P



BODY One-piece PP body inlaid Grip tread.
AXLE 7mm boron steel.
BEARING EPB system.
SIZE 97 x 86 mm.
REFLECTOR Fineline included. TW



VPE-229



BODY One-piece PP body.
AXLE 7mm boron steel.
BEARING EPB system.
SIZE 95.6 x 89.8 mm.
REFLECTOR Fineline included. TW



VP-227



BODY Long fiberglass reinforced nylon.
AXLE CNC machined Cr-Mo.
BEARING LSL & Double sealed Ball bearings.
SIZE 93.3 x 86 mm.
REFLECTOR Fineline included. TW



VP-225



BODY One-piece PP body.
AXLE Boron steel.
BEARING Ball bearings.
SIZE 93.5 x 87 mm.
REFLECTOR Fineline included. TW

FOLDING

VP-F55



BODY Fiberglass-reinforced Nylon body and cage.
AXLE Boron steel.
BEARING Ball bearings.
SIZE 108.5x 71.5 mm (56.6 x 71.5mm folded).
REFLECTOR Included. TW/CN



EXERCISE



VP-S5E



BODY Coated aluminum.
AXLE Boron steel.
BEARING Ball bearings.
BINDING VP-C51 compatible single -sided adjustable tension.
TOE CLIP Nylon toe clip VP-792 & strap VP-701NLT.
SIZE 105.5 X 99 mm. TW



VP-S5



BODY Coated aluminum body.
AXLE CNC machined Cr-Mo.
BEARING DU & Roller Sealed ball bearings.
BINDING VP-C51 compatible Single-sided adjustable tension.
TOE CLIP Nylon toe Clip VP-792 & strap VP-701NLT.
SIZE 104.6 x 99.7mm.



VP-S2



BODY Barrel Polished aluminum.
AXLE Cage ED black aluminum.
BEARING Oversize CNC Machined Cr-Mo.
BEARING Oversize 5/32" ball bearings.
BEARING Bearing FRP & Single sided adjustable tension.
SIZE 103.6 x 80mm.
TOE CLIP Toe Clip attachable.
REFLECTOR Attachable.



VP-518ST



BODY Barrel polished aluminum.
AXLE Cage barrel polished aluminum.
AXLE ED black steel.
BEARING Ball bearings.
SIZE 102 x 63 mm.
TOE CLIP Toe Clip VP-792 & strap VP-701NLT.
REFLECTOR Optional. TW



VP-R83



BODY Coated aluminum.
AXLE CNC machined Cr-Mo.
BEARING DU & Roller Sealed ball bearings.
BINDING VP-C51 compatible Single -sided adjustable tension.
BINDING Delta compatible single -sided adjustable tension.
SIZE 91.5 X 91 mm. TW



VP-S6



BODY Coated aluminum.
AXLE CNC machined Cr-Mo.
BEARING DU & Roller Sealed ball bearings.
BINDING Delta compatible single -sided adjustable tension.
TOE CLIP Nylon toe clip VP-792 & strap VP-701NLT.
SIZE 102.5 X 100.5 mm. TW

CLEAT

SPLIT CLEAT

This innovative new cleat delivers top level power transfer and can be easily replaced in EXACTLY the same position on your shoe every time. Thanks to our patented split cleat you can maintain proper cleat placement and maintain the fit that delivers your best power and performance.

SPD-SL® Compatible VP-BLK-SL (0°) / VP-ARC-SL (6°)



VP split cleats have soft traction surfaces for walking, and Teflon inserts for smooth float.

VP-CVR SL

89.4g

ANTI-SLIP DESIGN.
EASY TO PUT ON AND TAKE OFF.
COMPATIBLE WITH SHIMANO SL CLEAT.

VP-ARC SL 6°

53.6g

6° FLOAT
Shimano SPD SL Compatible.

VP-BLK SL 0°

53.6g

FIXED FLOAT
Shimano SPD SL Compatible.

VP SPLIT CLEATS SIMPLY GENIUS

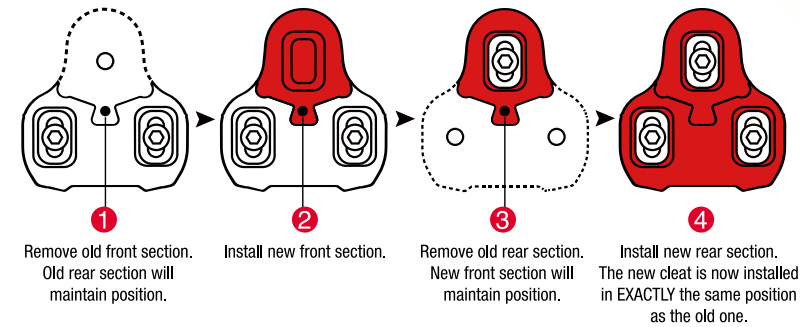
Quick and exact replacement
KEO® and SPD-SL® versions

Kéo® Compatible

VP-BLK6 (0°) / VP-ARC6 (4.5°) / VP-ARC6 (9°)
Compatible with VP-R series.

○ Old Cleat

● New Cleat



VP-BLK6 0°

47.8g

SPLIT CLEAT REPLACEMENT SYSTEM.
FIXED FLOAT.



VP-ARC6 4.5°

47.6g

SPLIT CLEAT REPLACEMENT SYSTEM.
4.5 DEGREE FLOAT.



VP-ARC6 9°

47.2g

SPLIT CLEAT REPLACEMENT SYSTEM.
9 DEGREE FLOAT.



VP-BLK5 0°

45.2g

FIXED FLOAT.



VP-ARC5 4.5°

45g

4.5 DEGREE FLOAT.



VP-ARC5 9°

44.5g

9 DEGREE FLOAT.



VP-C51

SINGLE RELEASE.
COMPATIBLE.
M Series / S Series / VX Series.



VP-C56

MULTIPLE RELEASE.
COMPATIBLE.
M Series / S Series / VX Series.



VP-CVR SPD

ANTI-SLIP DESIGN.
EASY TO PUT ON AND TAKE OFF.
COMPATIBLE WITH SHIMANO SPD CLEAT
Weight: 29.4 g/pr.



VP-ARC1 / VP-BLK1

9 DEGREE FLOAT/ FIXED FLOAT.
COMPATIBLE WITH DELTA PEDAL.



VP-ARC2

9 DEGREE FLOAT / FIXED FLOAT.
COMPATIBLE WITH DELTA PEDAL.
SOFT SURFACE FOR INDOOR USE



VP-R5

REFLECTOR
for VX Series.

VP-798

COMPATIBLE WITH DELTA PEDAL.
ADJUSTABLE TO FIT M-L SHOES



REFLECTOR



Bolt on-reflector



Snap-in reflector



Built-in reflector



Fineline snap-in reflector



Fineline built-in reflector



VP-730

for use with
VP-001 / VP-015 / VP-531 / VP-531E / VP-535 / VPE-536 / VP-538



VP-701

STAINLESS BUCKLE MTB/ROAD TOE STRAP

LEATHER	13 mm
SIZE	430 mm
WEIGHT	100 g/pr. TW



VP-715

STAINLESS BUCKLE MTB/ROAD TOE STRAP

LEATHER	13 mm
SIZE	400 mm
WEIGHT	44 g/pr. TW



VP-712

RETRO STYLE CP STEEL ROAD/URBAN TOE CLIP

LGE	94 g/pr.
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VP-700F

BUILT-IN REFLECTOR MTB/URBAN TOE CLIP
/STRAPLESS DESIGN, PLATFORM TREAD,
WITH DURABLE NYLON MATERIAL.
64 g/pr. TW



VP-732

LARGE PLATFORM MTB TOE CLIP WITH
DURABLE NYLON MATERIAL.
MED 64 g/pr.
LGE 76 g/pr. TW



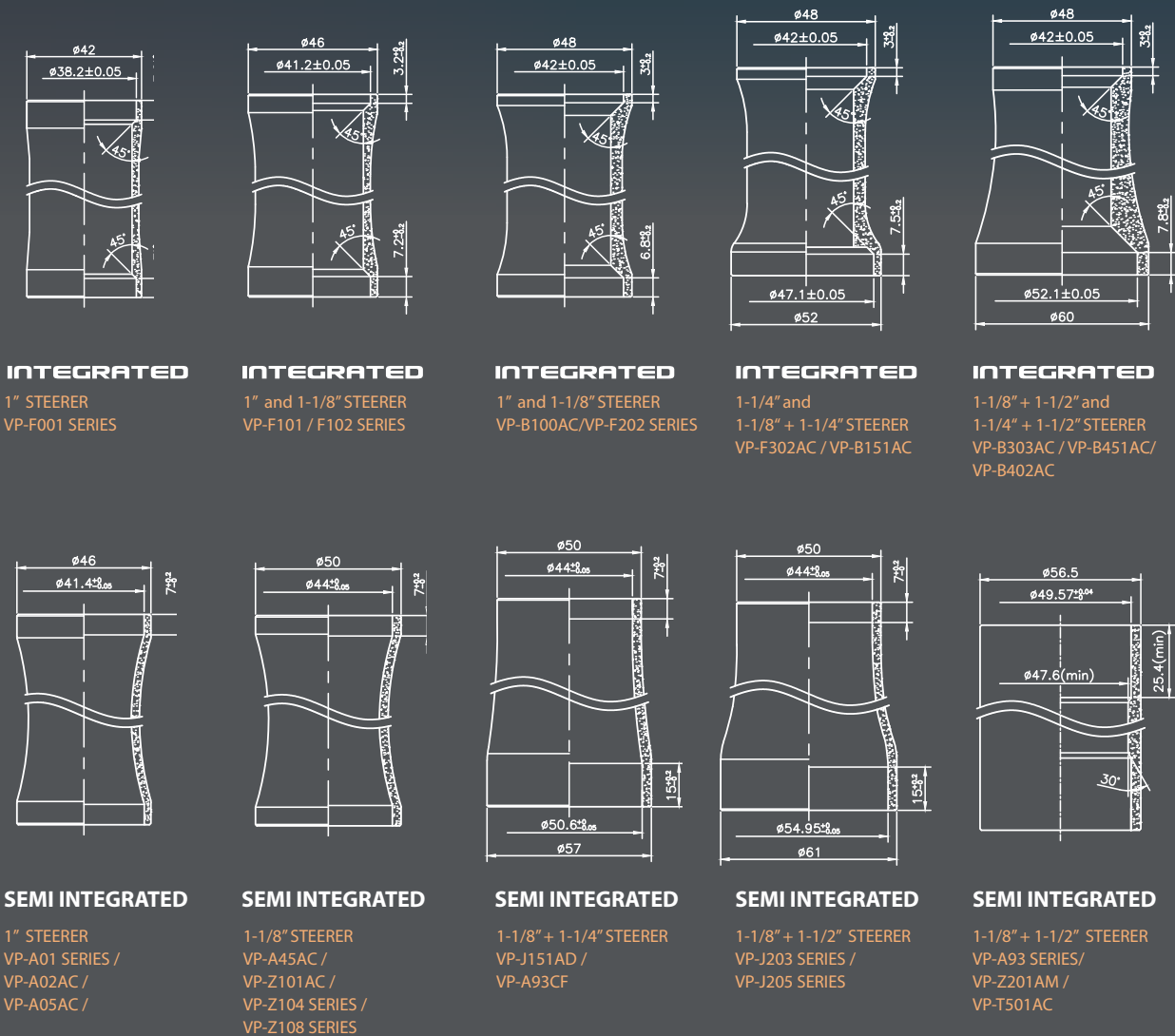
VP-796

BUILT-IN REFLECTOR MTB TOE CLIP WITH
DURABLE NYLON MATERIAL.
MED 62 g/pr.
LGE 64 g/pr. TW

HEAD TUBE COMPATIBILITY

Types covered are :

The drawings show general specifications and are a guide only. The drawings should not be used for detailed frame specifications.



CABLE INTERGRATION



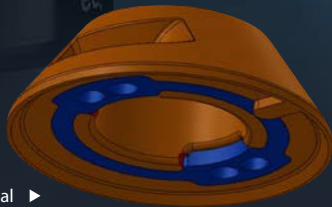
CR-Z81PDS

SIZE	1-1/8"
MATERIAL	Plastic cover.
FINISH	ED black.
DIAMETER	Ø28.6 / Ø 56 / Ø 30.
STACK HEIGHT	21+3=24.
BEARING	Semi-cartridge (MH-P37).
SET	5 pcs.



CRLA-Z01PC

SIZE	1-1/8" upper +1-1/2" lower.
MATERIAL	Plastic cover, aluminum cup.
FINISH	ED black.
DIAMETER	Ø28.6 / Ø 56 / Ø 39.7.
STACK HEIGHT	22.5+4.85=27.35.
BEARING	Sealed bearing (MH-P16).
SET	7 pcs.



Optional Water Resistance Seal ▶

ANGLE-LIMITED

CRLA-Z30AM

116.5g

SIZE	1-1/8" upper + 1-1/2" lower.
MATERIAL	Aluminum.
FINISH	Anodized black or silver.
DIAMETER	Ø28.6 / Ø44 - Ø56 / Ø39.8.
STACK HEIGHT	17.9+4.85=22.75
BEARING	Semi-cartridge bearing (MH-P03M / P16M).
SET	7 pc.



LA-Z01AC

98g

COMPACT SIZE DOUBLE SIDED 2 WAY

SIZE	1-1/8".
MATERIAL	Aluminum.
FINISH	Anodized black or silver.
DIAMETER	Ø28.6 / Ø44 / Ø30.
STACK HEIGHT	17.9+4.85=22.75
BEARING	Sealed bearing(MH-P03).
SET	7 pc.
OPTION	LA-Z01AM Semi-cartridge bearing(MH-P03M). TW



SEMI-INTEGRATED THREADLESS



VP-Z101AC

82.5g

SIZE	1-1/8".
MATERIAL	Aluminum.
FINISH	Anodized black or silver.
DIAMETER	Ø28.6 / Ø44 / Ø30.
STACK HEIGHT	18.4+3.4=21.8
BEARING	Sealed bearing (MH-P03).
SET	6 pc.
OPTION	VP-Z101AM Semi cartridge (MH-P03M). TW



VP-Z104PE

112g

SIZE	1-1/8".
MATERIAL	Plastic cover, steel cups.
FINISH	ED black.
DIAMETER	Ø28.6 / Ø44 / Ø30.
STACK HEIGHT	20.8+3.7=24.5
COVER OPTIONS	10/15/20 mm.
BEARING	Caged (5/32" x 22A).
SET	10 pc
OPTION	VP-Z104PD Semi-cartridge (MH-P12). TW



VP-Z108PC

117g

SIZE	1-1/8".
MATERIAL	Plastic cover, steel cups.
FINISH	ED black.
DIAMETER	Ø28.6 / Ø44 / Ø30.
STACK HEIGHT	20.3+2=22.3
COVER OPTIONS	10/15/20 mm.
BEARING	Sealed bearing (MH-P03).
SET	7 pc. TW



VP-A05AC

73g

SIZE	1-1/8".
MATERIAL	Aluminum cover, steel cup.
FINISH	Anodized black or silver.
DIAMETER	Ø28.6 / Ø41.4 / Ø30.
STACK HEIGHT	18.2+4.9=23.1
BEARING	Sealed bearing (MH-P04).
SET	7 pc.
OPTION	VP-A01E (Caged bearing). TW

ULTRA LIGHT



VP-J213AE

162g

SIZE 1-1/8" upper + 1-1/2" lower.
MATERIAL Aluminum cover, steel cups.
FINISH Anodized black or silver.
DIAMETER Ø28.6 / Ø44 - Ø55 / Ø39.8.
STACK HEIGHT 20.8+2.5=23.3
BEARING Caged (5/32" x 22A / 3/16" x 23A).
SET 9 pc.
OPTION VP-J203PE Plastic cover.
 Ø28.6 / Ø44 - Ø55 / Ø39.8 TW



VP-J305AC

117g

SIZE 1-1/8" upper + 1-1/2" lower.
MATERIAL Aluminum.
FINISH Anodized black or silver.
DIAMETER Ø28.6 / Ø44 - Ø56 / Ø39.8
STACK HEIGHT 18.2+3=21.2
SPACER 10/15/20 mm.
BEARING Sealed bearing (MHP03 / P16).
SET 7 pc.
OPTION VP-J305AM Semi-cartridge
 (MH-P03M / P16M). TW/CN

VP-J308AC

120g

SIZE 1-1/4" upper + 1-1/2" lower.
MATERIAL Aluminum.
FINISH Anodized black or silver.
DIAMETER Ø31.8 / Ø44 - Ø56 / Ø39.8
STACK HEIGHT 10.3+3.2=13.5
BEARING Sealed bearing (MH-P27 / P16).
SET 7 pc.
OPTION VP-J308AM Sealed bearing / Semi-cartridge
 (MH-P27 / P16M). TW



VP-J151AC

120g

SIZE 1-1/8" upper + 1-1/4" lower.
MATERIAL Aluminum cover.
FINISH Anodized black or silver.
DIAMETER Ø28.6 / Ø44 - Ø50.6 / Ø33
STACK HEIGHT 7.3+3.5=10.8
BEARING Sealed bearing (MH-P03 / P22).
SET 5 pc. TW



VP-Z201AC

113.8g

SIZE 1-1/8"
MATERIAL Aluminum cover.
FINISH Anodized black or silver.
DIAMETER Ø28.6 / Ø49.7 / Ø30
STACK HEIGHT 8.3+3.4=11.7.
BEARING Sealed bearing (MH-P03).
SET 6 pc.
OPTION VP-Z201AM Semi-cartridge (MH-P03M). TW



VP-B100AC

43g

SIZE 1-1/8" or 1" upper 1-1/4" lower.
MATERIAL Aluminum.
FINISH Anodized black or silver.
DIAMETER Ø28.6 / Ø41.8 / Ø30.
STACK HEIGHT 2.9
BEARING Sealed bearing.
SET 5 pc. TW



VP-B300AC

46g

SIZE 1-1/8" or 1-1/8" upper 1-1/2" lower.
MATERIAL Aluminum.
FINISH Anodized black or silver.
DIAMETER Ø28.6 / Ø41.8 - Ø49 / Ø39.8.
STACK HEIGHT 3.0
BEARING Sealed bearing (MH-P27 / P61).
SET 5 pc. TW



INTEGRATED THREADLESS



VP-F101AC

66.5g

SIZE 1-1/8".
MATERIAL Aluminum.
FINISH Anodized black or silver.
DIAMETER Ø28.6 / Ø41 / Ø30.
STACK HEIGHT 9.3+0.7=10
BEARING Sealed bearing (MH-P03).
SET 4 pc.
OPTION **VP-F101AM**
Semi-cartridge (MH-P03M). TW



VP-F202AC

66g

SIZE 1-1/8".
MATERIAL Aluminum.
FINISH Anodized black or silver.
DIAMETER Ø28.6 / Ø41.8 / Ø30.
STACK HEIGHT 10.7+0.4=11.1
BEARING Sealed bearing (MH-P08).
SET 6 pc.
OPTION **VP-F202AM**
Semi-cartridge (MH-P08M). TW



VP-F302AC

82.1g

SIZE 1-1/4".
MATERIAL Aluminum.
FINISH Anodized black or silver.
DIAMETER Ø31.8 / Ø41.8 - Ø46.9 / Ø33.
STACK HEIGHT 15.7+0.7=16.4
BEARING Sealed bearing (MH-P27 / P22).
SET 5 pc. TW



VP-F001AC

66g

SIZE 1".
MATERIAL Aluminum.
FINISH Anodized black or silver.
DIAMETER Ø25.4 / Ø41.8 / Ø27 or Ø26.4 .
STACK HEIGHT 9.3+0.9=10.2
BEARING Sealed bearing (MH-P09K).
SET 4 pc. TW



VP-B101AC

79.5g

SIZE 1-1/8" upper + 1-1/4" lower.
MATERIAL Aluminum.
FINISH Anodized black or silver.
DIAMETER Ø28.6 / Ø41 - Ø46.9 / Ø33.
STACK HEIGHT 9.3+0.7=10
BEARING Sealed bearing (MH-P03 / P22)
SET 4 pc.
OPTION **VP-B101AM**
Semi-cartridge (MH-P03M / P22M). TW



VP-B303AC

83g

SIZE 1-1/8" upper + 1-1/2" lower.
MATERIAL Aluminum.
FINISH Anodized black or silver.
DIAMETER Ø28.6 / Ø41.8 - Ø52 / Ø39.8.
STACK HEIGHT 10.7+0.7=11.4
BEARING Sealed bearing (MH-P08 / P16).
SET 5 pc.
OPTION **VP-B303AMS**
Ø28.6 / Ø41.8 - Ø52 / Ø30. TW/CN



VP-B151AC

80g

SIZE 1-1/8" upper + 1-1/4" lower.
MATERIAL Aluminum.
FINISH Anodized black or silver.
DIAMETER Ø28.6 / Ø41.8 - Ø46.9 / Ø33
STACK HEIGHT 10.7+0.8=11.5
BEARING Sealed bearing (MH-P08 / P22)
SET 5 pc.
OPTION **VP-B151AM**
Semi-cartridge (MH-P22 / P08). TW



VP-B451AC

79g

SIZE 1-1/4" upper + 1-1/2" lower.
MATERIAL Aluminum.
FINISH Anodized black or silver.
DIAMETER Ø31.8 / Ø41.8 - Ø52 / Ø39.8
STACK HEIGHT 15.7+0.7=16.4
BEARING Sealed bearing (MH-P27 / P25)
SET 5 pc. TW



VP-B402AC

77.8g

SIZE 1-1/8" upper + 1-1/2" lower.
MATERIAL Aluminum.
FINISH Anodized black or silver.
DIAMETER Ø28.6 / Ø41.8 - 51.8 / Ø39.8
STACK HEIGHT 10.7+0.6=11.3
BEARING Sealed bearing (MH-P08 / P28K)
SET 6 pc. TW

EXTERNAL THREADLESS

VP-A88P

119g

SIZE	1-1/8".
MATERIAL	Plastic cover, steel cups.
FINISH	ED black or CP.
DIAMETER	Ø28.6 / Ø34 / Ø30.
STACK HEIGHT	21.8+10.9=32.7
BEARING	Caged (5/32" x 20A).
SET	10 pc.
OPTION	VP-A88 SH 22.7. TW/CN



VP-A77CK

110g

SIZE	1-1/8".
MATERIAL	Aluminum Cover, steel cup.
FINISH	ED black or CP.
DIAMETER	Ø28.6 / Ø34 / Ø30.
STACK HEIGHT	25.8+10.2=36.3
BEARING	Semi-cartridge (1/8" x 25B)
SET	5 pc.
OPTION	VP-A77C Standard cover, SH 23.4 VP-A79 Standard cover, SH 21.4. caged bearing (1/8" x 25B). TW/CN



VP-A71

112g

SIZE	1-1/8".
MATERIAL	Steel.
FINISH	ED black or CP.
DIAMETER	Ø28.6 / Ø34 / Ø30.
STACK HEIGHT	12+11=23
BEARING	Caged (5/32" x 20A)
SET	9 pc.
OPTION	VP-A76CG Semi-cartridge (5/32" x 22A) SH 25.7. TW/CN



VP-T201AC

92.5g

SIZE	1-1/8".
MATERIAL	Aluminum.
FINISH	Anodized black or silver.
DIAMETER	Ø28.6 / Ø34 / Ø30.
STACK HEIGHT	26.7+11.9=38.6
BEARING	Sealed bearing (MH-P03).
SET	6 pc.
OPTION	VP-T201AM Semi-cartridge (MH-P03M). TW



VP-T501AC

155g

SIZE	1-1/2".
MATERIAL	Aluminum.
FINISH	Anodized black or silver.
DIAMETER	Ø38.1 / Ø49.7 / Ø39.8.
STACK HEIGHT	16.6+11.9=28.5.
BEARING	Sealed bearing (MH-P25).
SET	6 pc.
OPTION	VP-T501AM Semi-cartridge (MH-P25KM). TW/CN



VP-A74F

130g

SIZE	1-1/8".
MATERIAL	Steel.
FINISH	ED black, CP or satin.
DIAMETER	Ø28.6 / Ø34 / Ø30.
STACK HEIGHT	16.5+11.5=28
BEARING	Caged (5/32" x 22A).
SET	9 pc. TW



MONSTA VP-A75F

200g

SIZE	1-1/8".
MATERIAL	Aluminum cover, Cr-Mo cups.
FINISH	ED black or CP.
DIAMETER	Ø28.6 / Ø34 / Ø30.
STACK HEIGHT	17+13.5=30.5.
BEARING	Caged, (5/32" x 22A / 1/4" x 15B)
SET	10 pc. TW





M-53D

23.8g

Forged alloy top cap, w/bolts and star nut.



M-50D

20.5g

Ultra light style CNC alloy top cap, w/flat head bolts and star nut.



M-52D

26.5g

Flat style forged CNC alloy top cap, w/flat head bolts and star nut.



M-6RXL

27g

Carbon top cap, w/spring and expansion nut.

Model	Steerer	Steerer ID	Fixing Device	Cap	Weight
M-52D	1-1/8" aluminum	25.4	double star-nut	cold-forged Al	26.5g
M-53D	1-1/8" steel	25.4	double star-nut	cold-forged Al	23.8g
M-3D	1" steel	22.2	double star-nut	Al CNC machined	22.2g
M-7	1" steel	22.2	spring/expansion nut	Al CNC machined	38g
M-8D[BMX]	1-1/8" steel	25.4	double star-nut	Al CNC machined	44g
M-7XL	1" carbon	20	spring/grooved expansion nut	Al CNC machined	32g
M-6R	1-1/8" Cr-Mo	25.4	spring/expansion nut	carbon	39g
M-6RL	1-1/8" carbon	23.6	spring/grooved expansion nut	carbon	27g
M-7R	1" Cr-Mo	22.2	spring/grooved expansion nut	carbon	31g
M-7RL	1" carbon	20	spring/grooved expansion nut	carbon	21g
M-10	1.5"	34	spring/grooved expansion nut	Al CNC machined	64g
M-15	1.5"	34.8-35.6	double star-nut	Al CNC machined	50g

MD=die cast M=CNC machined D (after number) = double star nut

MH-S104A



MH-S100P



CONICAL TOP COVER

Conical top covers that function as spacers and completely replace the top cover to give a clean functional look are available in heights 15 / 20 / 25 / 30 mm.

- **MH-S73A** for VP-A01E / A41AC Series 1-1/8" aluminum.
- **MH-S100P** for VP-J203PE / Z104 Series 1-1/8" nylon.
- **MH-S104A** for VP-A88 / A71 Series.

Model	Specifications	Material	Height	Headset Model
MH-S73A	1-1/8"	ALUMINUM	10mm 15mm 30mm	VP-A01E / A41AC Series
MH-S73SA	1-1/8"	ALUMINUM	8mm 10mm 12mm 15mm 20mm	VP-A41AC / A68
MH-S74A	1-1/8"	ALUMINUM	10mm 15mm 20mm 25mm 30mm	VP-A01ACG

STRAIGHT WALL SPACERS

Straight wall spacers are available in heights: 5 mm / 10 mm / 20 mm.

- **MH-S61AC** 1-1/8" alloy (OD 34mm) TW/CN.
- **MH-S65PC** 1-1/8" polycarbonate (OD 35mm) TW.
- **MH-S65AC** 1-1/8" alloy (OD 35mm) TW/CN.



MH-306AC

145g

SIZE 1-1/8" x 26 TPI.
MATERIAL Aluminum.
FINISH Anodized black or silver.
DIAMETER Ø25.4 / Ø44 / Ø30.
STACK HEIGHT 32+3=35.
BEARING Semi-cartridge (MH-P12).
SET 6 pc. TW/CN



MH-310AC

88g

SIZE 1-1/8" x 26 TPI.
MATERIAL Aluminum.
FINISH Anodized black or silver.
DIAMETER Ø25.4 / Ø41.8 / Ø30.
STACK HEIGHT 21.9+0.5=22.4
BEARING Sealed bearing (MH-P08F).
SET 6 pc. TW



MH-308E

153g

SIZE BC1-1/8" x 26 TPI.
MATERIAL Steel.
FINISH ED black or CP.
DIAMETER Ø25.4 / Ø44 / Ø30.
STACK HEIGHT 15.2+3=18.2
BEARING Caged (5/32" x 22A).
SET 9 pc.
OPTION **MH-305C**
 Semi-cartridge bearings (5/32" x 22A).
 SH 20.5. TW/CN



MH-501

160g

SIZE BC1-1/8" x 26 TPI.
MATERIAL Steel.
FINISH ED black or CP.
DIAMETER Ø25.4 / Ø34 / Ø30.
STACK HEIGHT 23.5+11.3=34.8.
BEARING Caged (5/32" x 20A).
SET 9 pc.
OPTION **MH-503C**
 Semi-cartridge (5/32" x 22A). TW/CN



VP-H692W

136g

SIZE BC1" x 24 TPI.
MATERIAL Steel.
FINISH ED black or CP.
DIAMETER Ø22.2 / Ø30 / Ø27.
STACK HEIGHT 23.5+10.5=34.
BEARING Caged (5/32" x 16).
SET 9 pc.
OPTION **VP-H692**
 SH 36.5. TW/CN



VP-H732

126g

SIZE BC1" x 24 TPI.
MATERIAL Steel.
FINISH ED black or CP.
DIAMETER Ø22.2 / Ø30 / Ø27.
STACK HEIGHT 24.5+10.5=35.
BEARING Caged (5/32" x 16).
SET 8 pc.
OPTION **VP-H733**
 Key washer. TW/CN

BOTTOM BRACKET

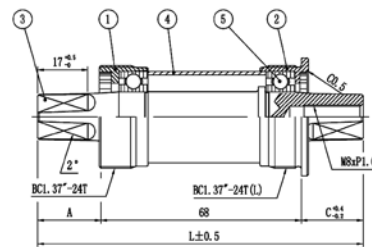
VP-BC79

SEALED BEARING WITH ALUMINUM SHEATH/
COLD-FORGED STEEL CUPS.

THREAD BC1.37" x 24T.
AXLE Boron steel.
FINISH Phosphated cups, anodized sheath. TW/CN

Bracket Width	68	68	68	73
A	24.4	26.5	27	22
C	27.5	28	32.5	23
Axle Length	120	122.5	127.5	118

EN 14766
Approved

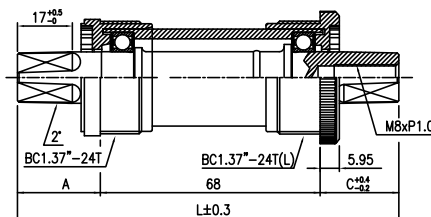


VP-BC77P

SEALED BEARING WITH POLYCARBONATE SHEATH/
GLASS FIBER REINFORCED NYLON CUPS.

THREAD BC1.37" x 24T.
AXLE Boron steel.
FINISH Black cups & sheath.

Bracket Width	68	68	68	68	68	68	68
A	25.5	26.5	28.5	29	28.5	29	34
C	25.5	25.5	26	27.5	29.5	30.5	35
Axle Length	118	120	122.5	124.5	126	127.5	137

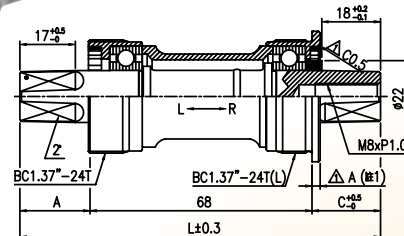


VP-BC75T

ALUMINUM SHEATH DESIGNED FOR INTERNALLY WIRED
FRAMES. SEALED BEARING WITH ALUMINUM SHEATH/
COLD-FORGED STEEL CUPS.

THREAD BC1.37" x 24T.
AXLE Boron steel.
FINISH Barrel polished sheath, phosphated cups. TW/CN

Bracket Width	68	68	68	68	68	68	68	68	68
A	18.5	22	22	23.5	25	25	26.5	27	27.5
C	20.5	20.5	23	23.5	25	27	28	29.5	31
Axle Length	107	110.5	113	115	118	120	122.5	124.5	126

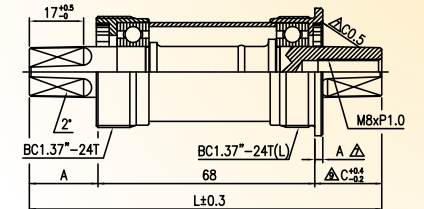


VP-BC73

SEALED BEARING WITH ALUMINUM SHEATH/
COLD-FORGED STEEL CUPS.

THREAD BC1.37" x 24T.
AXLE Boron steel.
FINISH Phosphated cups, anodized sheath.
OPTION VP-BC73C for chain guard stay mount plate.
VP-BC73A Cold forged aluminum cups.
VP-BC73E for front derailleur BB mount plate.
VP-BC73T Axle with chainline stopper ring.

Bracket Width	68	68	68	68	68	68	68	68	68	68	68
A	18	21.5	21.5	23	22.5	23.5	24.5	26.5	27	26.5	32
C	21	21	23.5	24	25.5	26.5	27.5	28	29.5	31.5	37
Axle Length	107	110.5	113	115	116	118	120	122.5	124.5	126	137

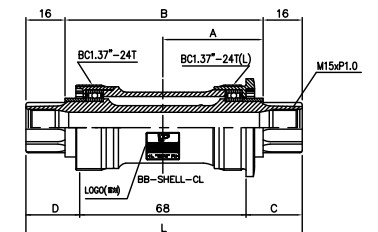


MB-602

ISIS DRIVE SPLINED BB/ SEALED BEARING WITH
ALUMINUM SHEATH/ COLD-FORGED ALLOY CUPS.

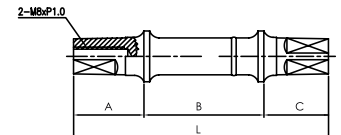
THREAD BC1.37" x 24T.
AXLE SCM 440 hollow Cr-Mo.
FINISH Anodized chromica aluminum sheath and cups.
OPTION MB-604 4 sealed bearings for downhill. TW

Bracket Width	68	68	68	68
A	38.5	41	43.5	46
B	76	81	86	91
C	20.5	23	25.5	28
D	19.5	22	24.5	27
Axle Length	108	113	118	123



BOLT TYPE

Model	3LB	3AB	3PB	3PLB	3SB	5SB	5TB
Bracket Width	68	68	68	68	68	70	70
A	32	32	32	35	35	35	35
B	52	52	52	52	52	54	54
C	32	33.5	35	35	37.5	37.5	39
Axle Length	116	117.5	119	122	124.5	126.5	128



VP-B32

THREAD BC1.37" x 24TPI.
BEARINGS Caged (1/4"x9). TW/CN



VP-B35

FOR BMX ONE-PIECE CRANK.

THREAD UNF24T.
BEARINGS Caged (5/16"x9).
FINISH Black coating/UCP.
WEIGHT 283g. TW/CN



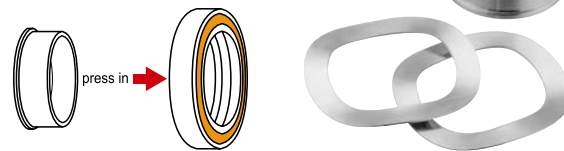
RR SERIES

RAPID REFRESH SYSTEM

Rapid Refresh is a patented VP system that makes bottom brackets easily serviceable and user friendly. Thanks to the RRS Series the user can quickly replace the conical bottom bracket bearings without removing cups or pressing in bearings. Retailers can also service more customers with less inventory than with traditional BB systems.

RR-BA01

This is the way to reduce inner diameter from 24 mm to 22 mm.



RR-BSAR-24

75g

THREAD BC1.37 x 24T
AXLE 24mm through.
SHELL For Road to fit 68mm.
FINISH Anodised aluminum cups.
WEIGHT 75g (w/o spacer)



RR-BSAM-24

75g

THREAD BC1.37 x 24T
AXLE 24mm through.
SHELL One size for MTB fit both 68mm and 73mm.
FINISH Anodised aluminum cups.
WEIGHT 75g (w/o spacer)



RR-BBR-PF-24

78g

AXLE 24mm through.
SHELL 68mm.
CUPS 46mm(OD), Anodised aluminum cups.
WEIGHT 78g



RR-PF30-24

75g

AXLE 24mm through.
SHELL 68mm
CUPS 46mm (OD), Anodised aluminum cups.
WEIGHT 75g



RR-BB386-24

82g

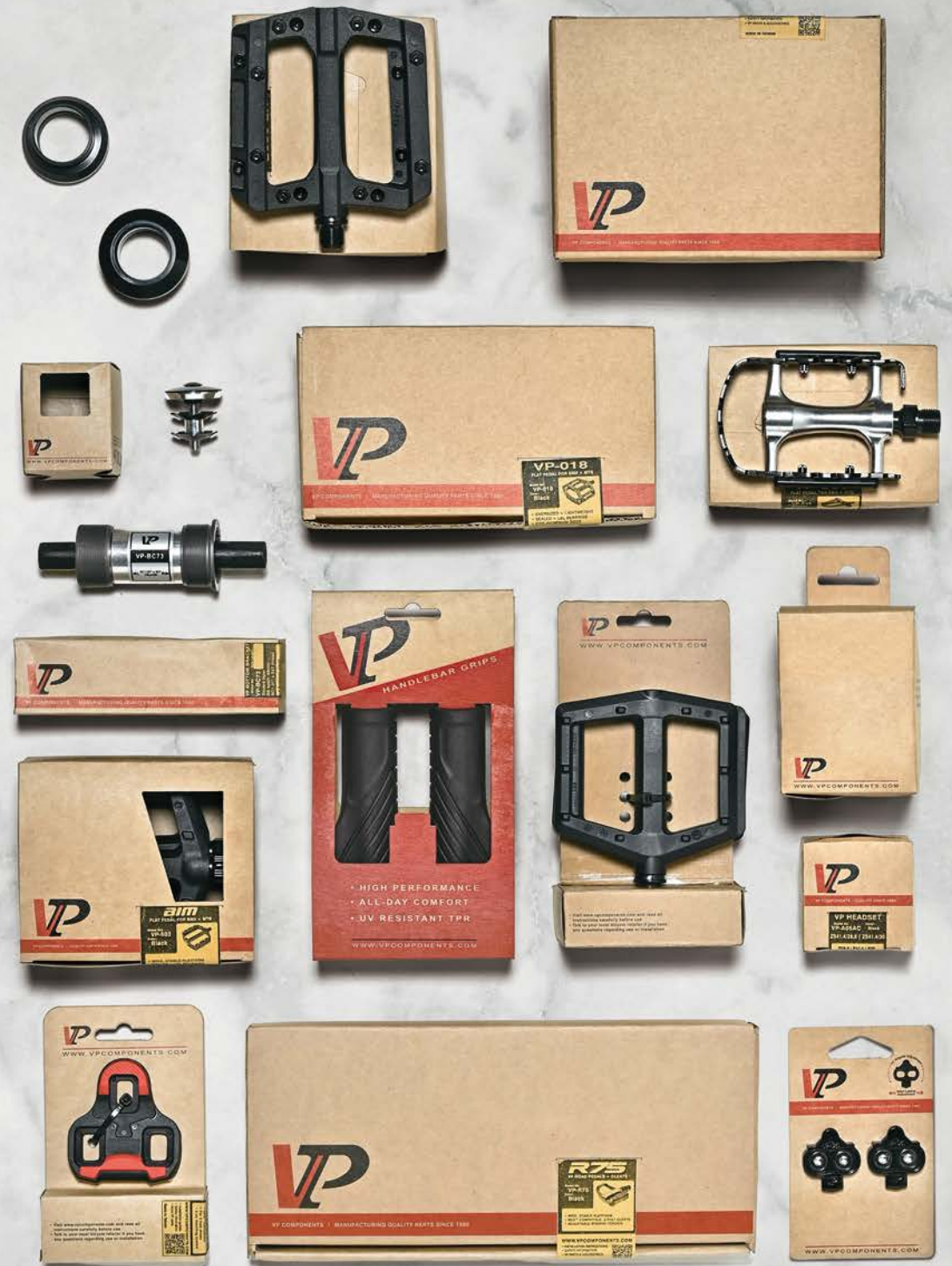
AXLE 24mm through.
SHELL 86.5mm
CUPS 46mm (OD), Anodised aluminum cups.
WEIGHT 82g



RR-BB86-24

62g

AXLE 24mm through.
SHELL 86.5mm
CUPS 41mm (OD), Anodised aluminum cups.
WEIGHT 62g



Eco-friendly package . These new design package was made of recycled paper, plastic free and soy bean ink. Its 100% recyclable. No compromise to sustainable products.

MTB

NEW!

SPC111FX12-100

141.5g

2 SEALED

BODY	Aluminium.
AXLE	Aluminium.
SPOKE HOLES	28H.
P.C.D	43mm.
FLANGE TO FLANGE	57/48.
O.L.D	100mm.
COO	TW.
OPTION	12/15mm axle.



NEW!

SPC211RX12-142

306.5g

4 SEALED

BODY	Aluminium.
AXLE	Cr-Mo.
SPOKE HOLES	28H.
P.C.D	47mm.
FLANGE TO FLANGE	49/39.
O.L.D	142mm.
COO	TW.



CLK-120F

194g

Loose ball

BODY	Aluminium.
AXLE	Cr-Mo, M9.
SPOKE HOLES	28H 32H 36H.
P.C.D	45mm.
FLANGE TO FLANGE	62mm.
O.L.D	100.
COO	CN.



CLK-220R

390g

Loose ball 3 PAWLS

BODY	Aluminium.
AXLE	Cr-Mo, M10.
SPOKE HOLES	28H 32H 36H.
P.C.D	45mm.
FLANGE TO FLANGE	57mm.
O.L.D	135mm, 10S.
COO	CN.

CLK-120F-SBT

188g

2 SEALED

BODY	Aluminium.
AXLE	Cr-Mo, M9.
SPOKE HOLES	32H 36H.
P.C.D	45mm.
FLANGE TO FLANGE	62mm.
O.L.D	100mm.
COO	CN/TW



CLK-220R SBT

378g

2 SEALED

3 PAWLS

BODY	Aluminium.
AXLE	Cr-Mo, M10.
SPOKE HOLES	32H 36H.
P.C.D	45mm.
FLANGE TO FLANGE	57mm.
O.L.D	135mm, 10S.
COO	CN/TW



CLK-256R

347g

4 SEALED

4 PAWLS

BODY	Aluminium.
AXLE	AL7075, Ø10
SPOKE HOLES	28H 32H 36H.
P.C.D	58mm.
FLANGE TO FLANGE	70 mm.
O.L.D	135mm.





CLK170F-SBT	
2 SEALED	
BODY	Aluminium.
AXLE	AL7075, Ø9
SPOKE HOLES	32H 36H.
P.C.D	45mm.
FLANGE TO FLANGE	62mm.
O.L.D	100mmx12/100QR.
COO	CN/TW.
OPTION	12/15mm axle.



CLK270R-SBT	
4 SEALED 4 PAWLS	
BODY	Aluminium.
AXLE	AL7075, Ø10
SPOKE HOLES	32H 36H.
P.C.D	49mm.
FLANGE TO FLANGE	57mm.
O.L.D	135/142X12mm, 11S.
COO	CN/TW.



JA173F-SBT	
2 SEALED	
BODY	Aluminium.
AXLE	AL7075, Ø9.
SPOKE HOLES	32H 36H.
P.C.D	58mm.
FLANGE TO FLANGE	58mm.
O.L.D	100mm.
COO	TW.
OPTION	12/15mm axle.



MD-JA273R	
4 SEALED 4 PAWLS	
BODY	Aluminium.
AXLE	AL7075, Ø10.
SPOKE HOLES	32H 36H.
P.C.D	58mm.
FLANGE TO FLANGE	57mm.
O.L.D	135/142mm, 11S.
COO	TW.



MD-JA161F-SBT-QR	
2 SEALED	
BODY	Aluminum.
AXLE	Cr-Mo, M9.
SPOKE HOLES	24H 28H 32H 36H.
P.C.D	58mm.
FLANGE TO FLANGE	62mm.
O.L.D	100mm.
OPTION	Loose ball JA161F-DSE-QR
COO	CN/TW.



MD-JA261R-SBT-QR	
2 SEALED 3 PAWLS	
BODY	Aluminum.
AXLE	Cr-Mo, M10.
SPOKE HOLES	24H 28H 32H 36H.
P.C.D	58mm.
FLANGE TO FLANGE	57mm.
O.L.D	135mm, 10S.
OPTION	Loose ball JA261R-DSE-QR Cassette Body Shimano 8 / 9 / 10 speed compatible
COO	CN/TW.



MD-JA162F-SBT-QR	
2 SEALED	
BODY	Aluminum.
AXLE	Cr-Mo, M9.
SPOKE HOLES	28H 32H 36H.
P.C.D	58mm.
FLANGE TO FLANGE	62mm.
O.L.D	100mm.
OPTION	Loose ball JA162F-DSE-QR
COO	TW/CN



MD-JA262R-SBT-QR	
2 SEALED 3 PAWLS	
BODY	Aluminium.
AXLE	Cr-Mo, M10.
SPOKE HOLES	28H 32H 36H.
P.C.D	58mm.
FLANGE TO FLANGE	57mm.
O.L.D	135mm, 10S.
OPTION	Loose ball JA262R-DSE-QR Cassette Body Shimano 8/9/10S compatible
COO	TW/CN



MD-JA150F-DSE-QR

256g

Loose ball

BODY	Aluminum.
AXLE	Cr-Mo, M9.
SPOKE HOLES	24H 28H 32H.
P.C.D	45/58mm.
FLANGE TO FLANGE	62mm.
O.L.D	100mm.
OPTION	2 sealed JA150F-SBT-QR
COO	CN.



MD-JA150R-DSE-QR

318g

Loose ball

BODY	Aluminum.
AXLE	Cr-Mo, M10.
SPOKE HOLES	28H 32H 36H.
P.C.D	45mm / 58mm.
FLANGE TO FLANGE	57mm.
O.L.D	135mm.
COO	CN.



MD-JA250R-DSE-QR

455g

Loose ball 3 PAWLS

BODY	Aluminum.
AXLE	Cr-Mo, M10.
SPOKE HOLES	28H 32H 36H.
P.C.D	45mm / 58mm.
FLANGE TO FLANGE	57mm.
O.L.D	135mm.
OPTION	2 sealed JA250R-SBT-QR
COO	CN.



MD-JA159F-DSE-QR

330g

Loose ball

BODY	Aluminium.
AXLE	Cr-Mo, M9.
SPOKE HOLES	24H 28H 32H.
P.C.D	58mm.
FLANGE TO FLANGE	62mm.
O.L.D	100mm.
OPTION	2 sealed JA159F-SBT-QR
COO	CN.



MD-JA259R-DSE-QR

546g

Loose ball 3 PAWLS

BODY	Aluminum.
AXLE	Cr-Mo, M10.
SPOKE HOLES	28H 32H 36H.
P.C.D	58mm.
FLANGE TO FLANGE	57mm.
O.L.D	135mm, 10S.
OPTION	2 sealed JA259R-SBT-QR
COO	CN.



MD-JA151F-DSE-QR

283g

Loose ball

BODY	Aluminum.
AXLE	Cr-Mo, M9.
SPOKE HOLES	24H 28H 32H.
P.C.D	58mm.
FLANGE TO FLANGE	62mm.
O.L.D	100mm.
OPTION	2 sealed JA151F-SBT-QR
COO	CN.



MD-JA151R-DSE-QR

346g

Loose ball

BODY	Aluminum.
AXLE	Cr-Mo, M10.
SPOKE HOLES	28H 32H 36H.
P.C.D	58mm.
FLANGE TO FLANGE	57mm.
O.L.D	135mm.
COO	CN.



MD-JA251R-DSE-QR

478g

Loose ball 3 PAWLS

BODY	Aluminium.
AXLE	Cr-Mo, M10.
SPOKE HOLES	28H 32H 36H.
P.C.D	58mm.
FLANGE TO FLANGE	57mm.
O.L.D	135mm.
OPTION	2 sealed JA251R-SBT-QR
COO	CN.



MD-JA152F-DSE-QR

270g

Loose ball

BODY	Aluminum.
AXLE	Cr-Mo, M9.
SPOKE HOLES	24H 28H 32H.
P.C.D	58mm.
FLANGE TO FLANGE	62mm.
O.L.D	100mm.
OPTION	2 sealed JA152F-SBT-QR
COO	CN.



MD-JA257R-DSE-QR

393g

Loose ball 3 PAWLS

BODY	Aluminum.
AXLE	Cr-Mo, M10.
SPOKE HOLES	24H 28H 32H 36H.
P.C.D	45mm.
FLANGE TO FLANGE	57mm.
O.L.D	135mm.
OPTION	2 sealed JA257R-SBT-QR
COO	CN.



MD-JA252R-DSE-QR

468g

Loose ball 3 PAWLS

BODY	Aluminum.
AXLE	Cr-Mo, M10.
SPOKE HOLES	24H 28H 32H.
P.C.D	58mm.
FLANGE TO FLANGE	57mm.
O.L.D	135mm.
OPTION	2 sealed JA252R-SBT-QR
COO	CN.



MD-JA153F-DSE-QR

263g

Loose ball

BODY	Aluminum.
AXLE	Cr-Mo, M9.
SPOKE HOLES	28H 32H 36H.
P.C.D	45mm / 58mm.
FLANGE TO FLANGE	62mm.
O.L.D	100mm.
OPTION	2 sealed JA153F-SBT-QR
COO	CN.



MD-JA253R-DSE-QR

449g

Loose ball 3 PAWLS

BODY	Aluminium.
AXLE	Cr-Mo, M10.
SPOKE HOLES	28H 32H 36H.
P.C.D	45mm / 58mm.
FLANGE TO FLANGE	57mm.
O.L.D	135mm.
OPTION	2 sealed JA253R-SBT-QR
COO	CN.



MD-JA183F

205g

Loose ball

BODY	Aluminum.
AXLE	S45C, 3/8.
SPOKE HOLES	24H 28H 32H 36H.
P.C.D	38mm.
FLANGE TO FLANGE	72mm.
O.L.D	100mm.
OPTION	W/Quick Release JA183F-QR
COO	CN.



MD-JA183R

321g

Loose ball

BODY	Aluminum.
AXLE	S45C, 3/8.
SPOKE HOLES	24H 28H 32H 36H.
P.C.D	45mm.
FLANGE TO FLANGE	57mm.
O.L.D	135mm.
OPTION	W/Quick Release JA183R-QR
COO	CN.



MD-JA258R-DSE-QR

395g

Loose ball 3 PAWLS

BODY	Aluminium.
AXLE	Cr-Mo, M10.
SPOKE HOLES	24H 28H 32H 36H.
P.C.D	45mm.
FLANGE TO FLANGE	57mm.
O.L.D	135mm.
OPTION	2 sealed JA258R-SBT-QR
COO	CN.



MD-JA185F

208g

Loose ball

BODY	Aluminum.
AXLE	S45C, 3/8.
SPOKE HOLES	24H 28H 32H 36H.
P.C.D	38mm.
FLANGE TO FLANGE	72mm.
O.L.D	100mm.
OPTION	W/Quick Release JA185F-QR
COO	CN.



MD-JA185R

322g

Loose ball 3 PAWLS

BODY	Aluminum.
AXLE	S45C, 3/8.
SPOKE HOLES	24H 28H 32H 36H.
P.C.D	45mm.
FLANGE TO FLANGE	57mm.
O.L.D	135mm.
OPTION	W/Quick Release JA185R-QR
COO	CN.



MD-JA186F

243g

Loose ball

BODY	Aluminum.
AXLE	S45C, 3/8.
SPOKE HOLES	24H 28H 32H 36H.
P.C.D	38mm.
FLANGE TO FLANGE	72mm.
O.L.D	100mm.
OPTION	W/Quick Release JA186F-QR
COO	CN.



MD-JA186R

319g

Loose ball 3 PAWLS

BODY	Aluminium.
AXLE	S45C, 3/8.
SPOKE HOLES	24H 28H 32H 36H.
P.C.D	45mm.
FLANGE TO FLANGE	57mm.
O.L.D	135mm.
OPTION	W/Quick Release JA186R-QR
COO	CN.

DH/FR

MD-JA252R-X12

425g

2 SEALED 3 PAWLS

BODY	Aluminum.
AXLE	AL7075, Ø12.
SPOKE HOLES	32H 36H.
P.C.D	58mm.
FLANGE TO FLANGE	57mm.
O.L.D	135/142mm.
COO	TW.



MD-JA176F

212g

2 SEALED

BODY	Aluminum.
AXLE	AL7075, Ø15.
SPOKE HOLES	28H 32H 36H.
P.C.D	58mm.
FLANGE TO FLANGE	70mm.
O.L.D	110mm.
COO	TW/CN.



MD-JA276R

326g

4 SEALED 4 PAWLS

BODY	Aluminium.
AXLE	AL7075, Ø12.
SPOKE HOLES	28H 32H 36H.
P.C.D	58mm.
FLANGE TO FLANGE	70mm.
O.L.D	148mm.
COO	TW/CN.



ROAD DISC

NEW!

SPC101FX12-100

138g

2 SEALED

BODY	Aluminum.
AXLE	Aluminum.
SPOKE HOLES	24H.
P.C.D	45/36mm.
FLANGE TO FLANGE	58/56.
O.L.D	100mm.
COO	TW.
OPTION	12/15mm axle.



NEW!

SPC102FX12-100

133g

2 SEALED

BODY	Aluminum.
AXLE	Aluminum.
SPOKE HOLES	24H.
P.C.D	39mm.
FLANGE TO FLANGE	58/48.
O.L.D	100mm.
COO	TW.
OPTION	12/15mm axle.



NEW!

SPC121FX12-100

140g

4 SEALED

BODY	Aluminium.
AXLE	Aluminium.
SPOKE HOLES	28H.
P.C.D	38mm.
FLANGE TO FLANGE	58/48.
O.L.D	100mm.
COO	TW.
OPTION	12/15mm axle.



NEW!

SPC201RX12-142

300.5g

4 SEALED

BODY	Aluminum.
AXLE	Cr-Mo.
SPOKE HOLES	24H.
P.C.D	48/46mm.
FLANGE TO FLANGE	46/48.
O.L.D	142mm.
COO	TW.



NEW!

SPC202RX12-142

288g

4 SEALED

BODY	Aluminum.
AXLE	Cr-Mo.
SPOKE HOLES	24H.
P.C.D	43mm.
FLANGE TO FLANGE	53/43.
O.L.D	142mm.
COO	TW.



NEW!

SPC221RX12-142

301.5g

4 SEALED

BODY	Aluminium.
AXLE	Cr-Mo.
SPOKE HOLES	28H.
P.C.D	42mm.
FLANGE TO FLANGE	53/43.
O.L.D	142mm.
COO	TW.



HUB

ROAD



JA-763F-X12

155g

2 SEALED

BODY Aluminium.
AXLE AL7075, Ø9.
SPOKE HOLES 20H 24H.
P.C.D 58/45mm.
FLANGE TO FLANGE 62mm.
O.L.D 100.
COO TW.



JA-763R-X12

276g

4 SEALED 4 PAWLS

BODY Aluminium.
AXLE AL7075, Ø10.
SPOKE HOLES 20H 24H.
P.C.D 58/48mm.
FLANGE TO FLANGE 51mm.
O.L.D 135mm, 115.
COO TW.



SP-711F

80g

2 SEALED

BODY Aluminium.
AXLE AL7075, Ø9.
SPOKE HOLES 20H 24H.
P.C.D 25mm.
FLANGE TO FLANGE 71mm.
O.L.D 100.
COO TW.



SP-711R

222g

4 SEALED 4 PAWLS

BODY Aluminium.
AXLE AL7075, Ø10.
SPOKE HOLES 24H 28H.
P.C.D 28/47mm.
FLANGE TO FLANGE 51.5/55.5mm.
O.L.D 135mm, 115.
COO TW.

SP-761F

127g

2 SEALED

BODY Aluminium.
AXLE AL7075, Ø9.
SPOKE HOLES 20H 24H.
P.C.D 38mm.
FLANGE TO FLANGE 49/40mm.
O.L.D 100mm.
COO TW.



SP-761R

252g

4 SEALED 4 PAWLS

BODY Aluminium.
AXLE AL7075, Ø10.
SPOKE HOLES 24H 28H.
P.C.D 38/47mm.
FLANGE TO FLANGE 54/44mm.
O.L.D 130mm.
COO TW.



MD-JA701F

97g

2 SEALED

BODY Aluminium.
AXLE AL7075, Ø9.
SPOKE HOLES 20H 24H.
P.C.D 38mm.
FLANGE TO FLANGE 68mm.
O.L.D 100mm.
COO TW.



MD-JA701R

279g

4 SEALED 6 PAWLS

BODY Aluminium.
AXLE AL7075, Ø10.
SPOKE HOLES 24H 28H.
P.C.D 38 mm / 42 mm.
FLANGE TO FLANGE 57mm.
O.L.D 130mm, 105.
COO TW.





MD-JA705F

77g

2 SEALED

BODY	Aluminum.
AXLE	Al 7075, Ø9.
SPOKE HOLES	20H 24H.
P.C.D	31mm.
FLANGE TO FLANGE	72mm.
O.L.D	100mm.
COO	TW.



MD-JA705R-11S

265g

4 SEALED 4 PAWLS

BODY	Aluminum.
AXLE	AL7075, Ø10.
SPOKE HOLES	24H 28H.
P.C.D	49mm.
FLANGE TO FLANGE	57mm.
O.L.D	130mm, 11S.
COO	TW.



MD-JA781F-SBT-QR

143g

2 SEALED

BODY	Aluminium.
AXLE	Cr-Mo, M9.
SPOKE HOLES	20H 24H 28H.
P.C.D	38mm.
FLANGE TO FLANGE	68mm.
O.L.D	100mm.
OPTION	W/Quick Release JA781F-QR Loose ball JA781F-DSE CN.
COO	CN.



MD-JA781R

286g

Loose ball 4 PAWLS

BODY	Aluminium.
AXLE	S45C, 3/8.
SPOKE HOLES	24H 28H 32H.
P.C.D	45mm.
FLANGE TO FLANGE	57mm.
O.L.D	135mm.
OPTION	W/Quick Release JA781R-QR 2 sealed JA781R-SBT CN.
COO	CN.



MD-JA755R-SBT-QR

394g

2 SEALED 3 PAWLS

BODY	Aluminum.
AXLE	Cr-Mo, M10.
SPOKE HOLES	24H 28H 32H.
P.C.D	45mm.
FLANGE TO FLANGE	57mm.
O.L.D	135mm.
OPTION	Loose ball JA755R-DSE-QR CN.
COO	CN.



MD-JA782F

199g

Loose ball

BODY	Aluminum.
AXLE	S45C, 3/8.
SPOKE HOLES	20H 24H 28H.
P.C.D	38mm.
FLANGE TO FLANGE	68mm.
O.L.D	100mm.
OPTION	W/Quick Release JA782F-QR 2 sealed JA782F-SBT CN.
COO	CN.



MD-JA782R

285g

Loose ball

BODY	Aluminum.
AXLE	S45C, 3/8.
SPOKE HOLES	24H 28H 32H 36H.
P.C.D	45mm.
FLANGE TO FLANGE	57mm.
O.L.D	135mm.
OPTION	W/Quick Release JA782R-QR 2 sealed JA782R-SBT CN.
COO	CN.



MD-JA756R-DSE-QR

397g

Loose ball 3 PAWLS

BODY	Aluminium.
AXLE	Cr-Mo, M10.
SPOKE HOLES	24H 28H 32H 36H.
P.C.D	45mm.
FLANGE TO FLANGE	57mm.
O.L.D	135mm.
OPTION	2 sealed JA756R-SBT-QR CN.
COO	CN.

CITY/URBAN



MD-JA501F-SBT-QR

130g

2 SEALED

BODY	Aluminum.
AXLE	Cr-Mo, M9.
SPOKE HOLES	20H 24H 28H 32H.
P.C.D	38mm.
FLANGE TO FLANGE	48mm.
O.L.D	74mm.
OPTION	Loose ball JA501F-DSE-QR
COO	CN.

FAT BIKE



MD-JA165F

351g

Loose ball

BODY	Aluminium.
AXLE	S45C, 3/8.
SPOKE HOLES	32H 36H.
P.C.D	45mm.
FLANGE TO FLANGE	92mm.
O.L.D	130/135mm.
OPTION	W/O CNC CUT JA-166F / 366g W/Quick Release JA-165F-QR
COO	CN.



MD-JA165R

388g

Loose ball

BODY	Aluminium.
AXLE	S45C, 3/8.
SPOKE HOLES	32H 36H.
P.C.D	45mm.
FLANGE TO FLANGE	91mm.
O.L.D	170mm.
OPTION	W/O CNC CUT JA-166R W/Quick Release JA-166R-QR
COO	CN



MD-JA265R

547g

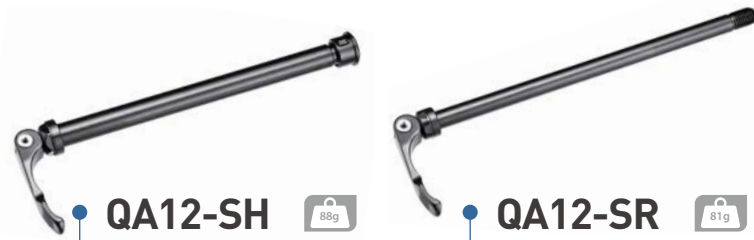
Loose ball 3 PAWLS

BODY	Aluminium.
AXLE	S45C, 3/8.
SPOKE HOLES	32H 36H.
P.C.D	45mm.
FLANGE TO FLANGE	91mm.
O.L.D	170/190mm.
OPTION	W/O CNC CUT JA-266R / 563g W/Quick Release JA-265R-QR
COO	CN



HUB

QUICK RELEASE



QA12-SH

FRONT QR Alloy.
AXLE Alloy.
OPTION Shimano System Compatible.
COO CN.

QA12-SR

FRONT QR Alloy.
AXLE Alloy.
OPTION Shimano System Compatible.
COO CN.



MD-QA03

FRONT QR Steel nut w/plastic Cover.
AXLE Cr-Mo.
SIZE 109mm, 112mm, 148mm, 152mm.



MD-QA01

FRONT QR Steel nut w/plastic Cover.
AXLE Cr-Mo.
SIZE 109mm, 112mm, 148mm, 152mm.
COO CN.



MD-QA02

FRONT QR Steel nut w/plastic Cover.
AXLE Cr-Mo.
SIZE 109mm, 112mm, 148mm, 152mm.
COO CN.



MD-QA04

FRONT QR Steel nut w/alloy Cover.
AXLE Cr-Mo.
SIZE 109mm, 112mm, 148mm, 152mm.



MD-QA06

FRONT QR Steel nut w/plastic Cover.
AXLE Cr-Mo.
SIZE 109mm, 112mm, 148mm, 152mm.



MD-QA05

FRONT QR Steel nut w/plastic Cover.
AXLE Cr-Mo.
SIZE 109mm, 112mm, 148mm, 152mm.
COO CN.



MD-QS01

FRONT QR Steel nut w/plastic Cover.
AXLE Cr-Mo.
SIZE 109mm, 112mm, 148mm, 152mm.
COO CN.

CASSETTE BODY



NEW!

FH-6 (RATCHET)

18 PAWLS

MATERIAL 7075 Shimano 8/9/10/11s TW.
COO



FH-4-A9

4 PAWLS

MATERIAL 7075 Shimano 8/9/10S Compatible SRAM 11S Compatible Shimano 11S Compatible TW.
OPTION
COO



FH-4-S9

4 PAWLS

MATERIAL SCM415 Shimano 8/9/10S Compatible TW.
COO



FH-5-S9

3 PAWLS

MATERIAL SCM415 TW/CN.
COO



FH-1-S9

3 PAWLS

MATERIAL SCM415 CN.
COO

AXLE FOR DH R FREEHUB



TA

AXLE A7075 solid with alloy nut.
COO CN.

GRAVEL

NEW!

FRONT

VW-25230-CLK170Fx12

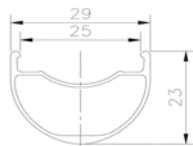
RIM	Alloy Double Wall Welded Rim. Tubeless ready.
HUB	CLK170F.
OLD	100 mm 2 Sealed Bearings and AL7075T6 12 mm Axle.
SPOKE	BLK Stainless Steel Butted.
NIPPLE	Alloy Anodized Nipple.

NEW!

REAR

VW-25230-CLK270R X12

RIM	Alloy Double Wall Welded Rim, Tubeless Ready.
HUB	CLK270R X12.
OLD	142 mm 4 Sealed Bearings.
SPOKE	BLK Stainless Steel Butted.
NIPPLE	Brass Nipple.



ROAD

NEW!

FRONT

VW-20301 LIGHT-SPC102Fx12

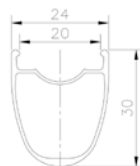
RIM	Alloy Double Wall Welded Rim. Tubeless ready.
HUB	SPC102F.
OLD	100 mm 2 Sealed Bearings and AL7075T6 12 mm Axle.
SPOKE	BLK Stainless Steel Butted.
NIPPLE	Alloy Anodized Nipple.

NEW!

REAR

VW-20301 LIGHT-SPC202R X12

RIM	Alloy Double Wall Welded Rim, Tubeless Ready.
HUB	SPC202R X12.
OLD	142 mm 4 Sealed Bearings.
SPOKE	BLK Stainless Steel Butted.
NIPPLE	Brass Nipple.



NEW!

FRONT

VW-20301-CLK171Fx12

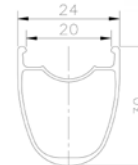
RIM	Alloy Double Wall Welded Rim. Tubeless ready.
HUB	CLK171F.
OLD	100 mm 2 Sealed Bearings and AL7075T6 12 mm Axle.
SPOKE	BLK Stainless Steel Butted.
NIPPLE	Alloy Anodized Nipple.

NEW!

REAR

VW-20301-CLK271R X12

RIM	Alloy Double Wall Welded Rim, Tubeless Ready.
HUB	CLK271R X12.
OLD	142 mm 4 Sealed Bearings.
SPOKE	BLK Stainless Steel Butted.
NIPPLE	Brass Nipple.



NEW!

FRONT

VW-20301 LIGHT-SPC101Fx12

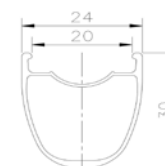
RIM	Alloy Double Wall Welded Rim. Tubeless ready.
HUB	SPC101F.
OLD	100 mm 2 Sealed Bearings and AL7075T6 12 mm Axle.
SPOKE	BLK Stainless Steel Butted.
NIPPLE	Alloy Anodized Nipple.

NEW!

REAR

VW-20301 LIGHT-SPC201R X12

RIM	Alloy Double Wall Welded Rim, Tubeless Ready.
HUB	SPC201R X12.
OLD	142 mm 4 Sealed Bearings.
SPOKE	BLK Stainless Steel Butted.
NIPPLE	Brass Nipple.



MTB



NEW!

FRONT

VW-30220-SPC121Fx12

RIM Alloy Double Wall Welded Rim. Tubeless ready.
HUB SPC121F.
OLD 100 mm 2 Sealed Bearings and AL7075T6 12 mm Axle.
SPOKE BLK Stainless Steel Butted.
NIPPLE Alloy Anodized Nipple.

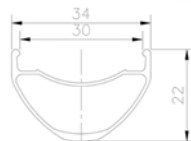


NEW!

REAR

VW-30220-SPC221R X12

RIM Alloy Double Wall Welded Rim, Tubeless Ready.
HUB SPC221R X12.
OLD 142 mm 4 Sealed Bearings.
SPOKE BLK Stainless Steel Butted.
NIPPLE Brass Nipple.



NEW!

FRONT

VW-30180-JA173Fx12

RIM Alloy Double Wall Welded Rim. Tubeless ready.
HUB JA173F.
OLD 100 mm 2 Sealed Bearings and AL7075T6 12 mm Axle.
SPOKE BLK Stainless Steel Butted.
NIPPLE Alloy Anodized Nipple.

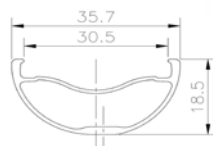


NEW!

REAR

VW-30180-JA273R X12

RIM Alloy Double Wall Welded Rim, Tubeless Ready.
HUB JA273R X12.
OLD 142 mm 4 Sealed Bearings.
SPOKE BLK Stainless Steel Butted.
NIPPLE Brass Nipple.



NEW!

FRONT

VW-30200-SPC111Fx12

RIM Alloy Double Wall Welded Rim. Tubeless ready.
HUB SPC111F.
OLD 100 mm 2 Sealed Bearings and AL7075T6 12 mm Axle.
SPOKE BLK Stainless Steel Butted.
NIPPLE Alloy Anodized Nipple.

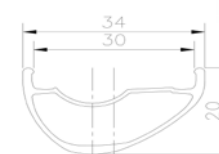


NEW!

REAR

VW-30200-SPC211R X12

RIM Alloy Double Wall Welded Rim, Tubeless Ready.
HUB SPC211R X12.
OLD 142 mm 4 Sealed Bearings.
SPOKE BLK Stainless Steel Butted.
NIPPLE Brass Nipple.



NEW!

FRONT

VW-30200-JA158Fx12

RIM Alloy Double Wall Welded Rim (20/80 recycled aluminum). Tubeless ready.
HUB JA158F.
OLD 100 mm 2 Sealed Bearings and AL7075T6 12 mm Axle.
SPOKE BLK Stainless Steel Butted.
NIPPLE Alloy Anodized Nipple.

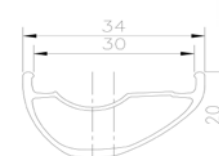


NEW!

REAR

VW-30200-JA258R X12

RIM Alloy Double Wall Welded Rim, Tubeless Ready.
HUB JA258R X12.
OLD 142 mm 4 Sealed Bearings.
SPOKE BLK Stainless Steel Butted.
NIPPLE Brass Nipple.



WHEELSETS

