



SPARK
INDUSTRIES

2022 / 2023



CONTENTS

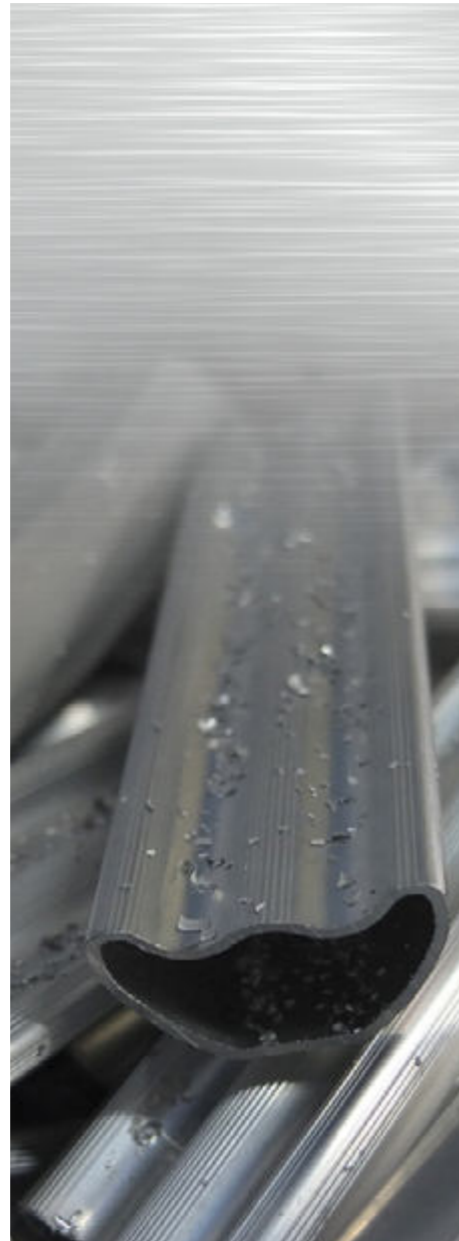
ABOUT SPANK	03
ENVIRONMENTAL RESPONSIBILITY	09
OUR CRAFT	09
GRAVEL	19
PEDALS	33
SADDLES	43
GRIPS	51
HANDLEBARS	59
STEMS	77
RIMS & WHEELS	91
HUBS	115
SERVICE & SPARES	127

INVESTING IN SUSTAINABLE
TECHNOLOGIES

OUR FUTURE

RESPONSIBLE ALTERNATIVES WALK THE TALK

SPANK INDUSTRIES has a long history and a rowdy reputation for making noise about environmentally sustainable practices in the bicycle industry. If you're interested in understanding how we at SPANK Industries walk our talk, read on! And SHARE THE MESSAGE!



WE SAY NO TO CARBON FIBER

At SPANK INDUSTRIES we say no to carbon fiber and yes to aluminum. It can be 100% recycled and contributes in an almost endless life cycle of cottage industries for local communities.



DUST-FREE HAMMERING

SPANK INDUSTRIES shotpeen finishes all our products. This 'hammering' not only improves fatigue life, it also completely negates the harmful microscopic waste particles associated with sandblast and polish.



TOXIN-FREE & BIODEGRADABLE

The closed cell, complex foam core in our Vibrocore™ handlebars is toxin free and injected mechanically, which reduces the emission of greenhouse gases. It is also biodegradable.



WATER WISE

The fluid used for cooling in SPANK INDUSTRIES pedal CNC process is recycled almost infinitely during the production cycle. Our state-of-the-art Japanese CNC machines are also the most energy efficient models available anywhere globally.



100% BIODEGRADABLE

Our packaging is minimal, because we figured you would enjoy one more tree on the trails and a bit less landfill in the dumps! It is made from unbleached, recycled pulp and is 100% biodegradable. Minimal printing on the packaging reduces water and energy consumption during processing.



**FOUNDING MEMBER
EARTHBALL RIDERS
FOUNDATION**

You are riding the earthball at 1,600kmph right now! As you read this, stop to think what impact the manufacture of your bicycle has on the planet.

Earthball Riders Foundation was initiated in 2016 to encourage responsible production and to challenge manufacturing practices in the bicycle industry.

The Earthball Riders Foundation facilitates dialogue and the sharing of information towards educating consumers and industry on responsible manufacturing and production practice.

Be part of the movement.
Join the discussion.

 www.earthballriders.org 

WHY WE CHOOSE
ALLOY
OVER CARBON FIBER

**ALLOY TECHNOLOGY THAT
BESTS CARBON FIBER**

SAFETY FOR YOU

As a norm, under certain high impact, carbon fiber breaks and leads to catastrophic failure. Aluminum will give warning by bending or buckling.

**PRECISION ENGINEERING &
CONSISTENCY**

The control over material integrity and manufacturing process exceeds the QC pitfalls of carbon fiber.

WASTE REDUCTION

We say NO to the waste created by high carbon fiber production scrap, as well as the landfill problem created by non-recyclable carbon fiber waste. We say YES to the infinite recycling life of aluminum.

ENERGY-WISE

We say NO to the insane power consumption required to produce carbon fiber and we say NO to the toxic emissions that workers and local communities are exposed to around carbon fiber



THE RESPONSIBLE ALTERNATIVE.

All SPANK INDUSTRIES rims are crafted from our proprietary dynamically hardened alloy - DYNAMAL.

- / We choose alloy for a safer product that is recyclable and it's production is less harmful to the environment.



The award winning foam core in our alloy bars and rims offers enhanced performance, superior technical properties, and is the responsible choice environmentally.

- / In bars, it promotes longer sustained comfort riding
- / In rims, it promotes lateral stiffness, torsional strength and offers the feeling of a rigid carbon fiber rim, but with a smoother, 'chatter' free ride.



This manufacturing technology tapers our DUAL XGT bars from the thickest area at the bar clamping zone, slowly and gradually through the bend zones, to the thinnest areas at the control zones and back to the thicker impact ends.

- / Eliminates stress zones, where breaks can occur
- / Designed to bend, not break, on high impact



Precision CNC bending of our bars offers consistency and better symmetry.

- / Limits material structural damage during the bending process
- / Eliminates the need for heavy grinding process
- / Results in lighter, stronger, and safer bars



Our OOHBAH patented REVERSE WELL DESIGN, is an engineering design unique to SPANK INDUSTRIES.

- / OOHBAH is one of the main reasons so many describe our rims as 'bombproof'
- / Promotes easier tubeless inflation
- / Adds the strength to the rim that allows us to go wider, thinner and lighter with our rim designs



SPANK INDUSTRIES BEADBITE is a unique design feature that improves tire retention.

- / Optimizes set up for tubeless
- / Reduces burps or pinch flats
- / Tire beads are locked in place between vertical and horizontal ridges
- / 12 sets of ridges on the vertical and horizontal walls create tiny air seals, improving tire retention

PRECISION CRAFTED GRAVITY MTB
COMPONENTS SINCE 2002

OUR CRAFT

AT HOME ON THE EMERALD GREEN ISLAND OF TAIWAN

TAIWAN is arguably the bicycle manufacturing capital of the world, and has been for at least the past 30 years. With an estimated 90% of all MTB brands manufacturing their product here (frames, components, tires and accessories), it is no surprise that the quality of product manufactured here surpasses that found in most any other location globally.

The experience of the diverse bicycle manufacturing network in Taiwan is certainly unmatched anywhere else in the world.

Check the finer detail of the product you are using - regardless of where the brand HQ is based, chances are the parts are manufactured in Taiwan before being shipped to USA or Germany, for example, to be assembled.

SPANK is one of very few brands of its size in the world, with in-house design, development and manufacturing of our complete line of unique and exclusive components. We do not outsource the manufacture of our designs to industrial scale factories. From delivery of the highest quality raw

materials, we actually manufacture our product ourselves in our wholly owned factory, which is called FRATELLI INDUSTRIES.

Fabricated by
Fratelli
Industries

Fabricated by
Anvil
Industries



Founded by SPANK President Gavin Vos, FRATELLI now produces not only SPANK Components, but also designs and manufactures high end alloy rims for 'top 10' rim brands.

SPANK HQ is in the heart of the city of Taichung, TAIWAN. Taichung is a buzzing, modern harbor city of approximately 2.5 million people. The city is surrounded by mountains on three sides, and faces the West Coast of the Island. Our HQ crew has access to local riding trails within 15mins drive from our base, and we participate almost weekly during the season

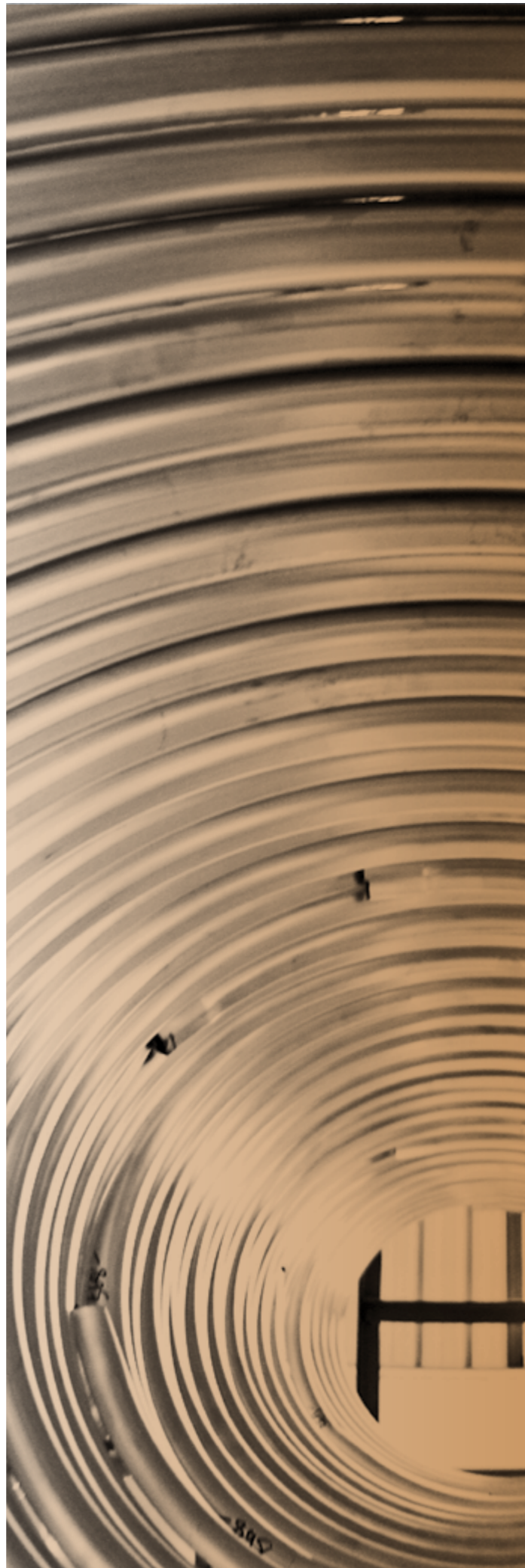
in local trail clearing and building initiatives. In 2019, the Taiwan Mountain Bike Association was formally founded and affiliated to government bodies, marking the beginning of a coordinated strategy to increase the network of official mountain bike trails in Taiwan.

Our factory, FRATELLI INDUSTRIES, is situated snugly between high-grade export guava plantations and picturesque village temples. Our factory staff are all local to the village area and commute locally to FRATELLI by scooter and bicycle daily.



RIMS & WHEELS

SPANK INDUSTRIES rims are precision handcrafted in our own factory, FRATELLI INDUSTRIES. Each rim undergoes 12 quality control checks before it reaches you. In order to optimize the robust, yet light-weight to performance ratio you expect, SPANK INDUSTRIES has developed a number of patented technologies which begin with the design principles of our products, are implemented meticulously during our material processing and manufacturing methods, and ultimately tested in the field by our professional factory athletes before we make them available to you.



DYNAMAL
ALLOY

SAFE, AFFORDABLE AND RESPONSIBLE ALTERNATIVE TO CARBON FIBER.

Utilizing the endless life cycle of aluminum, our proprietary alloy blends offer superior mechanical properties resulting in stronger rims and reduced weight through optimized design.

From rim extrusion, through to final product, each rim is passed through twelve quality control tests.



MICRO GRAIN REFINEMENT PROCESSED ALLOYS.

Processes such as extrusion, forging and tube drawing increase the strength of alloy materials by reducing the grain size. You'd be hard-pressed to find other alloy rims that are subjected to the number of drawing steps or level of refinement as those offered by SPANK IND.



INVERTED TUBE WELL DESIGN FOR GREATER CROSS SECTIONAL STRENGTH. WIDER, LIGHTER RIMS.

The unique OohBah™ profile allows us to manufacture thinner walled, wider profiled, lighter rims without sacrificing strength or rigidity. Wider rims mean stiffer wheels and more tire spread, leading to greater traction and improved comfort, and tire performance. The "wave" shape of the OohBah™ inner tube adds strength and support to the vertical rim flange walls and prevent buckling. Normal straight or curved tube wells must be much thicker, and by default heavier, to offer the same support. It is one of the main reasons so many describe our rims as 'bombproof', while it also promotes easier tubeless inflation.

Bead Bite™



ENHANCED ANTI-BURP AND TIRE RETENTION TUBELESS PERFORMANCE.

SPANK INDUSTRIES BEADBITE is a unique design feature that optimizes set up for tubeless and reduces burps or pinch flats.

Tire beads are locked in place between vertical and horizontal ridges. 12 sets of ridges on the vertical and horizontal walls create tiny air seals, improving retention. Vibrocore reduces negative vibration and increases lateral stiffness & torsional strength.



STRONG WHEELS WITH ENHANCED COMFORT

Vibrocore is a pressurized foam core that reduces the transmission of negative vibration and helps to balance Radial Compliance and Torsional Strength, delivering rigid, strong wheels with enhanced comfort and traction. Performance benefits include:

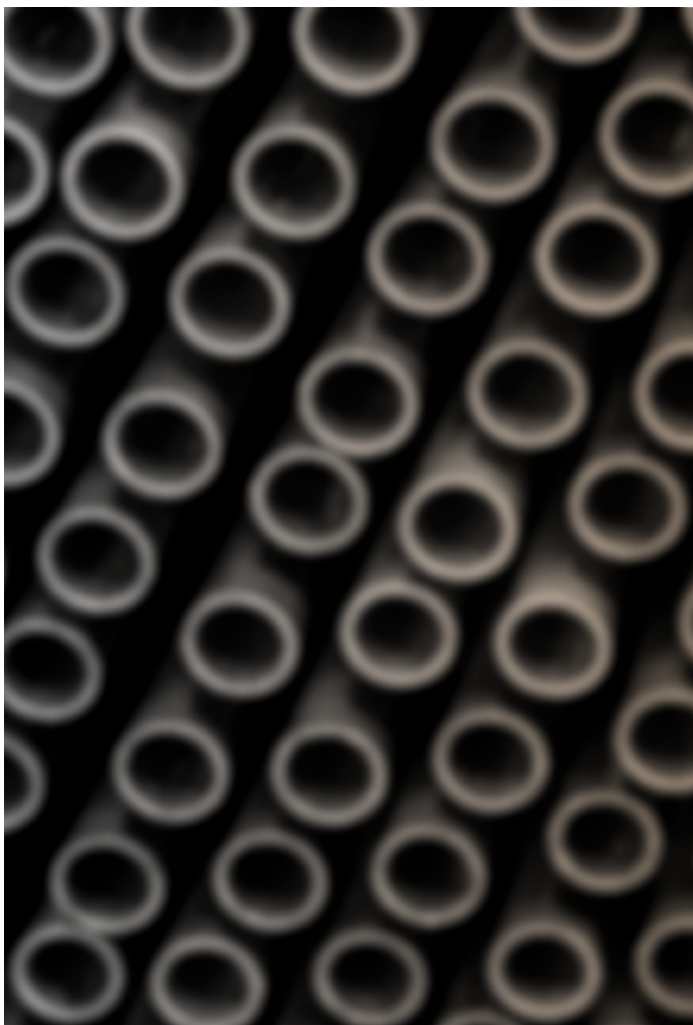
Wide and low profile adds significant radial compliance.

New profile increases lateral stiffness and torsional strength.

Vibrocore™ inner well maximizes torsional strength in a light weight, vibration damping core.

HANDLEBAR

We carefully select the perfect alloy for each new handlebar model independently, based on the desired level of strength, stiffness, compliance and comfort. Processes such as tube drawing increase the strength of alloys by breaking down the grain size and optimizing strength to weight ratio. Our XGT Technology is a SPANK proprietary design that minimizes stress risers (weak points where breaks and bends could occur). This XGT design dissipates energy in a 'free flow' from the bar clamp zone to the tapered bar ends, and combined with our butting and swaging technique, ensures precision wall thicknesses and a safer cockpit for you.



SUPER 6

SPANK PROPRIETARY BLENDED ENRICHED ALLOY.

Super-6 Aluminum is a specially blended, highly magnesium-silicon enriched, work hardened alloy that offers the perfect mix of hardness, yield, fatigue life, and a superior ultimate tensile strength to standard 6 series alloys. It is ideal for the creation of thin walled, super stiff handlebars. Through recent adoption of Super-6 materials and other enriched blends, SPANK's SPIKE, and OOZY handlebars are now stronger, and show greater resistance to deformation than ever before.



MICRO GRAIN REFINEMENT PROCESSED ALLOYS.

Processes such as extrusion, forging and tube drawing can increase the strength of alloy materials by reducing the grain size. SPANK uses state of the art proprietary metal forming methods which further improve grain size consistency and orientation, and significantly reduce grain size beyond that of our competitors. No other bars or rims are subjected to the number of drawing steps or level of refinement as those offered by SPANK. This leads to greater ultimate strength, toughness, and ductility ... meaning confidence, comfort and safety.



3D CNC PRECISION BENDING.

SPANK went the extra mile in our handlebar production facility by investing in automated Three Dimensional CNC Bending machines, which offer better symmetry and consistency, and more importantly limit material structural damage during the bending process. The precision of 3D CNC Bending in a single fixture allows SPANK to optimize our designs. The process eliminates the need for heavy grinding process, making our bars lighter, stronger, and safer.



EXTREME GRADUAL TAPER TECHNOLOGY.

Dual XGT technology tapers our bars from the thickest area at the bar clamping zone, slowly and gradually through the bend zones, to the thinnest areas at the control zones and back to the thicker reinforced bar-end zones, or "Impact Ends".

This precision process eliminates stress zones where breaks can occur. SPANK has utilized FEA (Finite Element Analysis), laboratory, and rigorous real world testing to optimize the spread of material to where it is needed to withstand the specific forces at work in each zone, while offering better protection against crashes than ever before.



VIBROCORE™ VIBRATION DAMPING CORE.

Vibrocore™ is a complex, low density material which fills the core of the handlebar, reducing the handlebars resonance and effectively reducing the risk of hand-arm fatigue, arm-pump and Death Grip. SPANK's Vibrocore™ system also acts to reinforce the handlebar from the inside, resulting in a more responsive performance and improved sensitivity. The result is a handlebar that feels incredibly strong and rigid, and acts to reduce impulse and vibrational fatigue.

PEDAL

Forging alloy in a mold, piece by piece, needs more time, and ultimately costs more.

But this is just the beginning of what we invest into bringing a superior pedal to the market.



We equipped ourselves with a latest-technology in-house pedal manufacturing center. Employing 4.5 Axis CNC machines, PCD Diamond cutting tools from the leading automotive supplier in Germany, and Swiss-made fixtures, we have spared no expense to develop and improve on our pedal platform.

Because we specifically designed our own new complete manufacturing lines to satisfy our need for a superior pedal, we can now achieve tolerances and consistency normally reserved for the aerospace industry.

Industrial strength sealed bearings and IGUS smart-plastic bushings for unbeatable durability.

Ultra thin platforms provide enhanced stability and clearance.

Platform design and pin positioning optimize traction.



VIBROCORE™

THE INDUSTRY AWARD WINNING INNOVATION
FROM SPANK INDUSTRIES.

"Everyone benefits. From 8-hour enduro days, to all-day bike park sessions."

The award winning foam core in our alloy bars and rims offers enhanced performance, superior technical properties, and is the responsible choice environmentally.

- / Reduces the effects of harmful vibrations
- / Adds inner wall strength
- / Increases the fatigue life of our bars & rims
- / Allows us to produce thinner, lighter walled bars and rims while maintaining strength
- / Vibrocore is toxin free and biodegradable



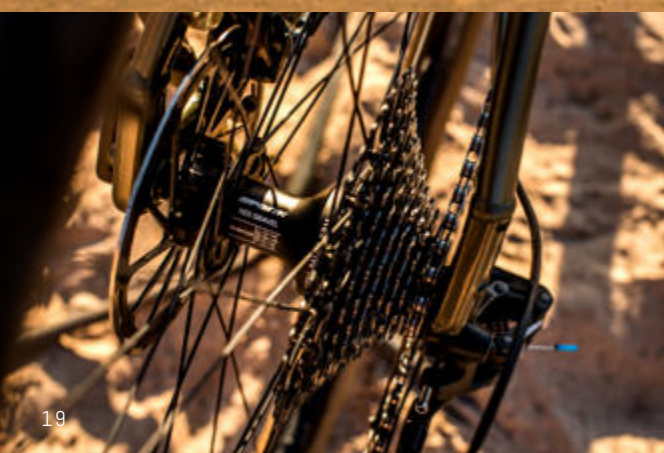
**RIDE LONGER.
RIDE STRONGER.**



- / In bars, it promotes longer sustained comfort riding
- / proven to reduce arm-pump, and hand/arm numbness and fatigue



- / In rims, it promotes lateral stiffness, torsional strength and offers the feeling of a rigid carbon fiber rim, but with a smoother, 'chatter' free ride.



PROFILE OF A SPANK GRAVEL BUILD

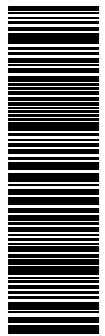
"We reinvented the MTB wheel and cockpit with Vibrocore. Although now it seems the entire reason was really for gravel. It just makes sense."



AWARD-WINNING VIBROCORE FOAM CORE PROVIDES VIBRATION DAMPING PROVEN TO REDUCE ARM PUMP AND HAND-NUMBNESS



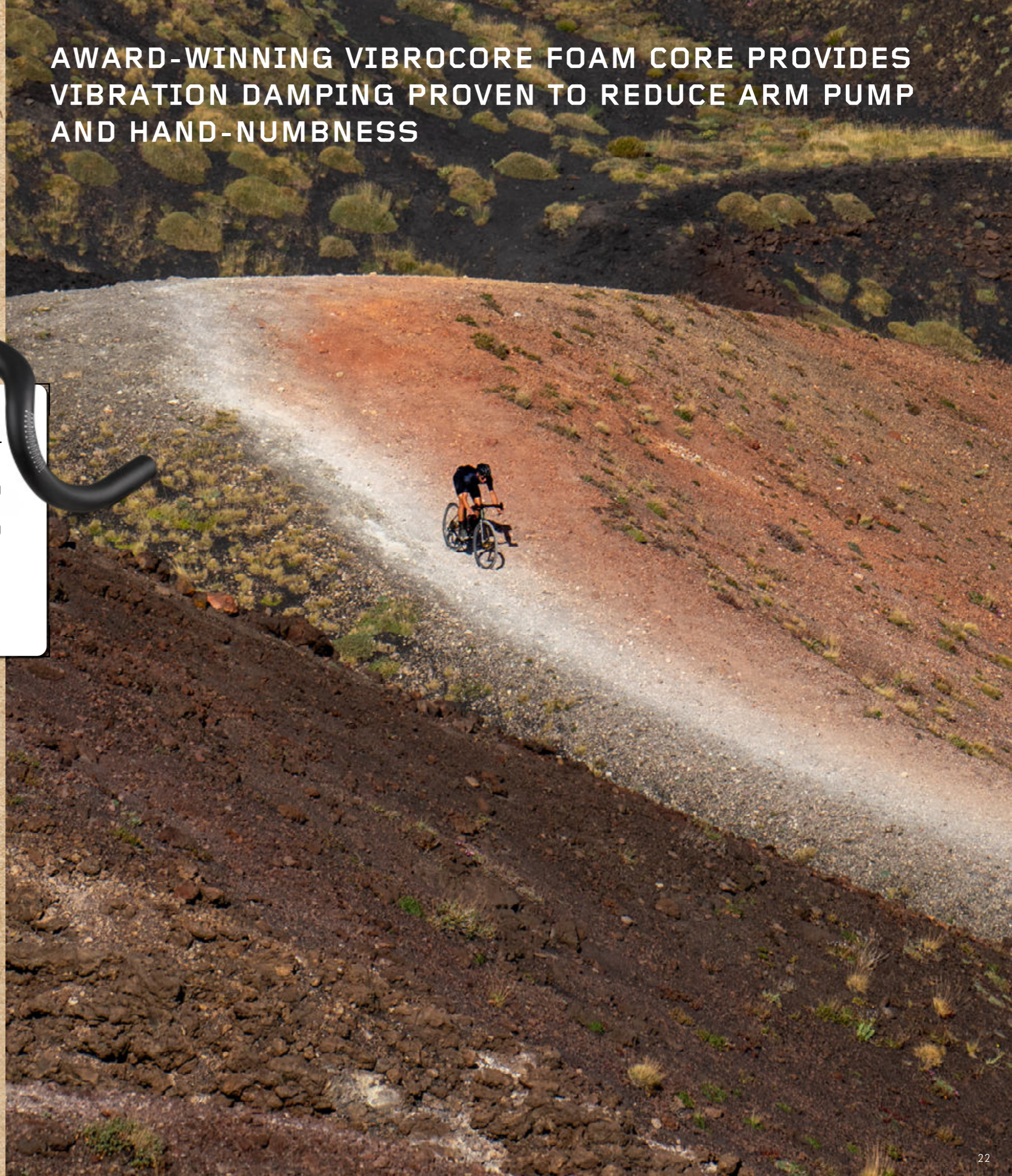
FLARE 25 VIBROCRE™ DROPBAR



Width Hood to Hood in mm (c-c)	420 / 440 / 460 / 480 / 500 / 520
Width Barend to Barend in mm (o-o)	562 / 582 / 602 / 622 / 642 / 662
Weight +/- (g)	345 / 350 / 355 / 370 / 375 / 380
Drop/Reach (mm)	110 / 65
Barclamp / Top Section	31.8 Round Profile
Flare	25°
Ramp	4°



- / 25° aggressively flared, wide drop bar for true off-road performance and comfort
- / Short 110mm drop and 65mm reach geometry is perfect for aggressive riding in a more upright, balanced stance
- / 31.8mm bar clamp extends through the top section providing enhanced hand support and comfort without multiple wraps of tape to increase diameter
- / Round profile upper section facilitates wide range of rider/hand positions and maximizes grip on the bars in rough terrain
- / Recommended for: ASTM 3, Gravel





WING 12 VIBROCORE™ DROPBAR



Width Hood to Hood in mm (c-c)	420 / 440 / 460
Width Barend to Barend in mm (o-o)	497 / 517 / 537
Weight +/- (g)	370 / 375 / 380
Drop/Reach (mm)	110 / 72
Barclamp / Top Section	31.8 Ergo Profile
Flare	12°
Ramp	14°



- / 12° moderately flared, medium width drop bar balances off-road performance, with on-road aerodynamics and comfort
- / Short 110mm drop and 72mm reach geometry is perfect for aggressive riding stance and long days in the saddle on mixed terrain
- / 31.8mm bar clamp zone, and aerodynamic ergo top section enhances hand comfort over longer rides, without limiting range of rider position
- / 21.6mm inner diameter bar ends, allow use of most bar end shifters
- / Recommended for: ASTM 3, Gravel

FLARE 24 VIBROCORE™

- / Vibrocore™ inner well reduces the transmission of harmful vibration frequencies, improving rider comfort and increasing the fatigue life of the rim
- / Low profile 16.5mm depth, and wide 28mm outer width enhances Radial Compliance, improving traction, while reducing negative feedback to the rider
- / Symmetric profile with wide 24mm inner width, optimizes tire spread with modern wide gravel tires, without compromising overall weight
- / Bead Nip tubeless bead seats provide reliable tubeless performance even at low pressures

FLARE 24 OC VIBROCORE™

- / Disc specific, tubeless ready, clincher rim, with Vibrocore™, optimized for Gravel, Adventure, and MTB Cross Country use
- / Vibrocore™ inner well reduces the transmission of harmful vibration frequencies, improving rider comfort and increasing the fatigue life of the rim
- / Low profile 16.5mm depth, and wide 28mm outer width enhance Radial Compliance, improving traction, while reducing negative feedback to the rider
- / Asymmetric, 24mm inner width profile improves spoke tension balance between drive side and non-drive side spokes, and optimizes gravel/XC tire spread
- / Bead Nip tubeless bead seats provide reliable tubeless performance even at low pressures
- / 2.5mm offset



RIM SPECIFICATION

Hole Count	28 / 32
Inner Width (mm)	24
Outer Width (mm)	28
Profile Height (mm)	16.5
Tubeless	Recommended (tubeless tape & tubeless valve not included)
Valve	F/V Presta
Tire Fit	35c to 62c or 1.5" to 2.3"

RIM VARIANT SPECS

Diameter	650b	700c
Weight (g)	405	430
ETRTO (mm)	584x24	622x24
ERD (mm)	564++	602++

++ : SPANK ERD = Rim diameter (mm) + 2x spoke bed thickness (mm), then add your own nipple head height (mm) x2 (++)



WHEEL BUILD SPECIFICATION

Build	Handbuilt
Hub	SPANK HEX GRAVEL HUB J-TYPE
Spokes	J-Hook, tripple butted 2.2/1.8/2.0
Nipples	Alloy external
Lacing	3 cross lacing
Valve	F/V Presta
Tubeless	Tubeless taped & valved

FLARE 24 OC VIBROCORE REAR

Diameters	650b (27.5") / 700c
Weight (From) +/-	920g
Hole Count	28
Hex Hub J-Type	142/135
Hex Hub Straightpull	n/a
Freehub Options	HGR / XDR

FLARE 24 VIBROCORE FRONT

Diameters	650b (27.5") / 700c
Weight (From) +/-	755g
Hole Count	28
Hex Hub Spacing	12x100



Bead Bite™

DYNAMAL





SPANK
HEX GRAVEL
 R142/135 ADAPT. 12x142 OR x135 10x135 12x135

SPANK

HEX GRAVEL
 REAR HUB



Configuration	12x142mm, J-Hook
Freehub	Alloy HGR / Alloy XDR
Weight +/- (g)	314 (HGR) / 309 (XDR)
Adaptors Included	QRX135
Engagement	HEX DRIVE 102T / 3.5° / 6 Pawl
Hole Count	28H J-Hook
Disc Mount	6-bolt
Material	CNC optimized forged alloy hub body, alloy axle, alloy "Bite Block" freehub body
Finish	Matte anodized, laser logos
Adaptors Available Separately	12X135, 10X135



SPANK

HEX GRAVEL
 FRONT HUB



Configuration	12x100mm, J-hook
Weight +/- (g)	147
Adaptors Included	Ø28 QRx100
Hole Count	28H J-hook
Disc Mount	6-bolt
Material	CNC optimized forged alloy hub body
Finish	Matte anodized, laser logos
Adaptors Available Separately	Ø28 15x100



FLARE

GRAVEL DROP BAR TAPE, GEL & PLUGS



/ Long-Tooth microfiber has a rough, high traction touch, enhancing grip in all weather conditions

WING

GRAVEL DROP BAR TAPE, GEL & PLUGS



/ Short tooth microfiber has a luxurious silky touch, and matte finish

FULL KIT

Includes	Bar tape, bar plugs, fixing tape, 4x gel pads
Weight +/- (g)	180
Length (cm)	220

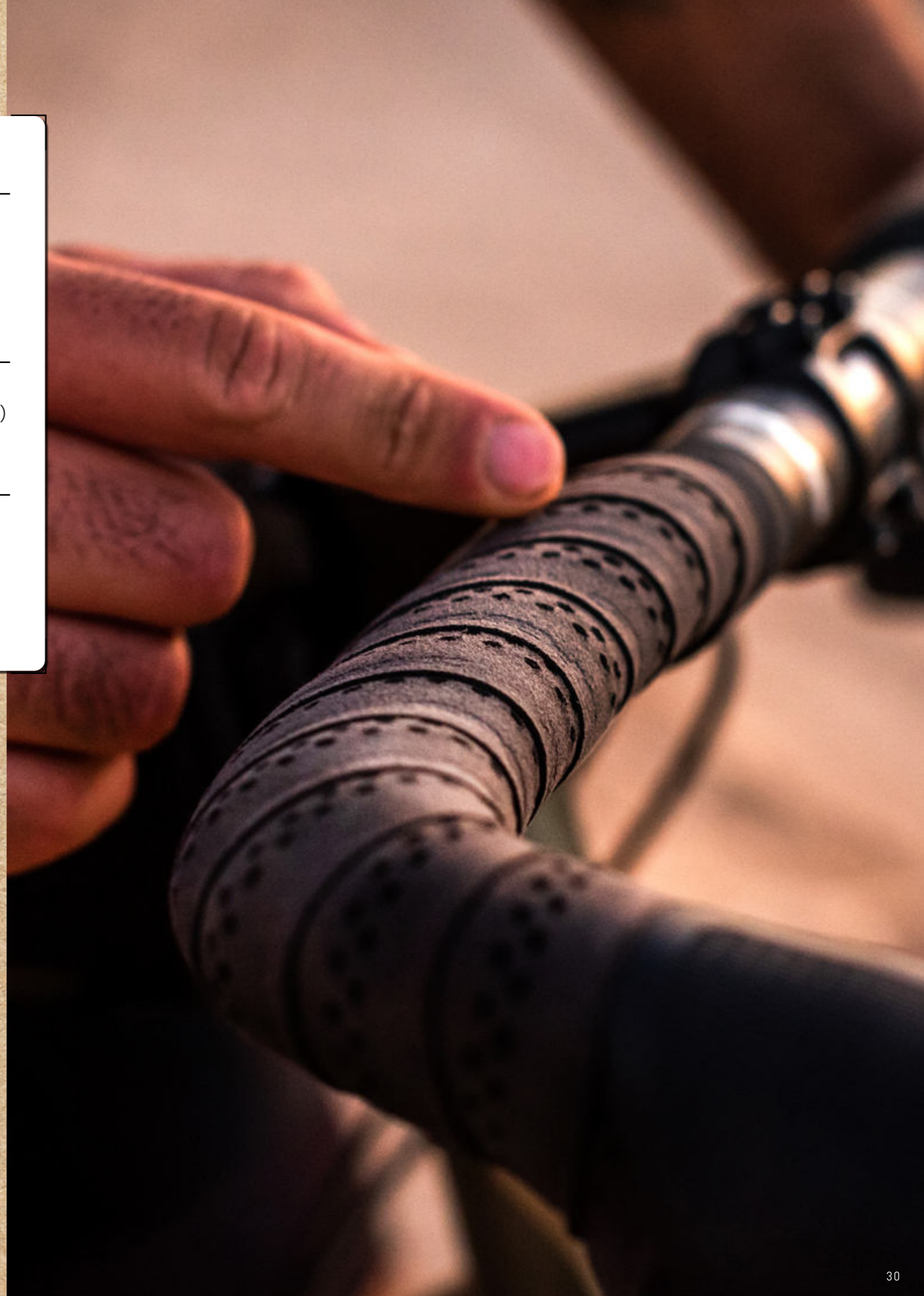
TAPE & PLUGS

Includes	Bar tape, bar plugs, fixing tape, (Gel pads not included)
Weight +/- (g)	80
Length (cm)	220

Material Tape	Microfiber & PU upper, EVA & rubber core, silicon strip
Material Plugs /gel Pads	Alloy cap, plastic expander sleeve, stainless bolt, washable medical gel pads

FEATURES

- / High quality, deluxe short fiber bar tape, gel and plug kit for your gravel, adventure and bike packing cockpit
- / Extra-long 220cm length fits even the widest of bars
- / Kit includes top and drop section, washable, reusable medical gel pads and alloy expanding plugs
- / SPANK bar tape is an advanced microfiber with polyurethane layer which optimizes durability, crash resistance, and grip in all conditions
- / Stretchable, 3mm, high rebound, EVA + Rubber core tapers to improve ease of application and effectively reduces shock and vibration
- / Recommended for: Gravel



GRAVEL DROP BAR GEL & PLUGS



DROP BAR PLUGS

- / High-end, durable, alloy cap bar-end plugs developed for on/off road use
- / Lightweight plastic expander sleeves with stainless steel bolts, keep weight to a minimum, and plugs securely in place
- / Recommended for: Gravel

GEL PADS

- SPANK Gel Pads maximize comfort with any drop bar and tape, by absorbing vibration and impact shock
- / Next generation medical gel is waterproof, washable & reusable, and won't harden over time
 - / Easily cut to optimize fit on different drop bar geometries and sizes
 - / Top and Drops section pads provide improved comfort in all riding positions
 - / Recommended for: Gravel

PLUGS

Features	Alloy cap, light-weight expander sleeve, stainless bolt
Material	Alloy Cap, plastic expander, stainless steel bolt
Weight (g)	+/- 30

GEL PADS

Features	Top and Drop Section Drop Bar Gel Pads, Vibration Damping, Reusable
Material	Waterproof, Washable Medical Gel
Weight (g)	+/- 100





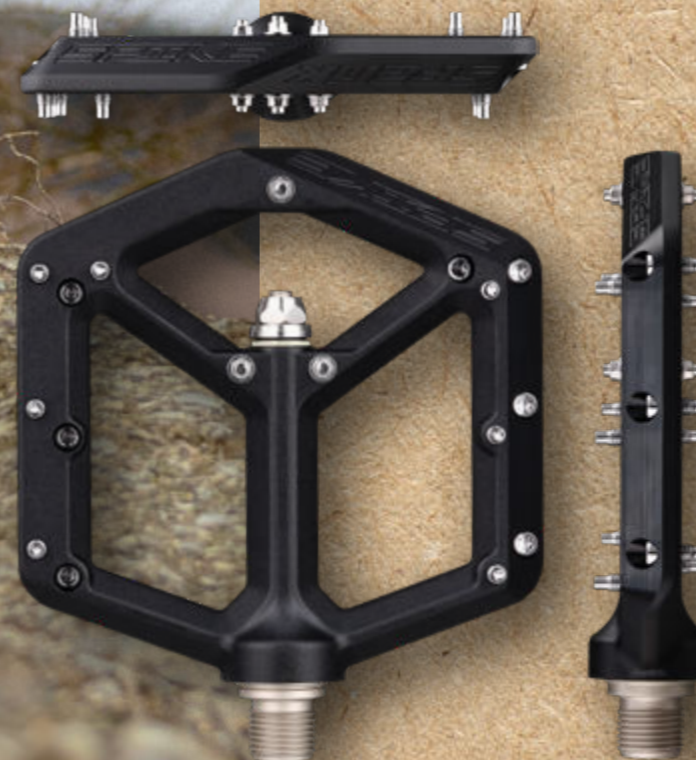
PEDALS



SPANK | SPIKE REBOOT PEDALS

Platform Size (mm)	100x100
Platform Profile (mm)	12 Concave Profile
Weight +/- (g)	400 /set
Axle	Cold forged chromoly steel
Bearing/bushing	Industrial sealed bearing, IGUS bushing
Pins	20 steel pins (per pedal)

Color



- / Slim 12mm race and freeride pedal for maximized pedaling clearance
- / Forged alloy body is shot peened and anodized for increased durability
- / Equipped with hollow taper chromoly steel axles for unmatched strength
- / Sealed bearings and IGUS bushings
- / 20 Pre-assembled pins in virtual concavity for ultimate grip
- / Recommended for: ASTM 5, all mountain, enduro, free ride, DH, E-Bike

MATERIAL & FEATURES

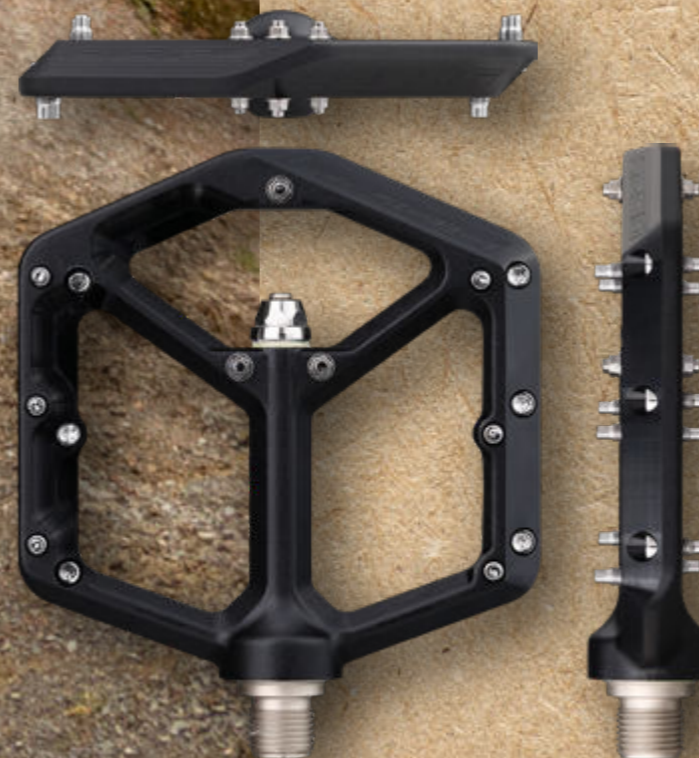
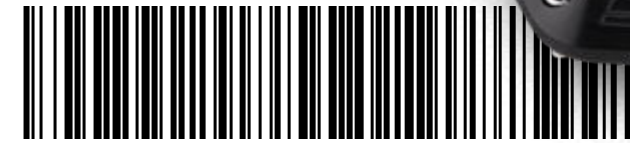
- / MGR extruded alloy body
- / CNC optimized body
- / Chamfered leading edges
- / Shotpeen anodized



SPANK | OOZY REBOOT PEDALS

Platform Size (mm)	100x100
Platform Profile (mm)	12 Concave Profile
Weight +/- (g)	360 /set
Axle	Cold forged chromoly steel
Bearing/bushing	Industrial sealed bearing, IGUS bushing
Pins	18 steel pins (per pedal)

Color



- / Super slim 12mm for maximized pedal clearance
- / CNC weight optimized trail pedal at 360g per set
- / Forged alloy body is shot peened and anodized for increased durability
- / Equipped with hollow taper chromoly steel axles for unmatched strength
- / Sealed bearings and IGUS bushings
- / 18 Pre-assembled pins in virtual concavity for ultimate grip
- / Recommended for: ASTM 5, all mountain, enduro, trail, E-Bike

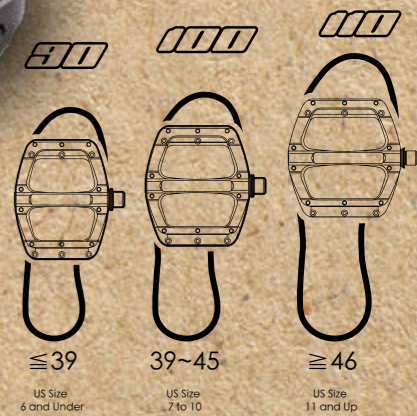
MATERIAL & FEATURES

- / MGR extruded alloy body
- / CNC optimized body
- / Chamfered leading edges
- / Shotpeen anodized

SPANK | SPOON PEDALS

Platform Size (mm)	90x105 / 100x105 / 110x105
Platform Profile (mm)	16 - 12 Concave Profile
Weight +/- (g)	360 / 400 / 420 per set
Axle	Cold forged chromoly steel
Bearing/bushing	Industrial sealed bearing, IGUS bushing
Pins	20 steel pins (per pedal)

Color



- / Dial your fit with Spoon flat pedals available to fit from kids sizes US 6 and under through to adult US Size 11 and upwards
- / Forged chromoly axle which delivers strength and durability
- / 16mm-12mm concave profile with 20 pre-assembled steel pins for added grip
- / Shot-peened and anodized to enhance fatigue life
- / Recommended for: ASTM 5, all mountain, enduro, trail, free ride, DH, E-Bike

MATERIAL & FEATURES

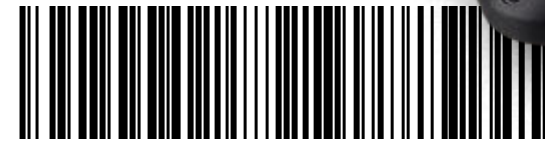
- / MGR extruded alloy body
- / CNC optimized body
- / Chamfered leading edges
- / Shotpeen anodized



SPANK | SPOON DC PEDALS

Platform Size (mm)	100x105
Platform Profile (mm)	16 - 12 concave Profile
Weight +/- (g)	395 /set
Axle	Cold forged chromoly steel
Bearing/bushing	Industrial sealed bearing, IGUS bushing
Pins	12 steel & 8 alloy pins (per pedal)

Color



- / Strong and lightweight one-piece alloy body
- / Forged chromoly axle delivers strength and durability
- / Each pedal set finish unique in its mottled or grunge anodize finish
- / Large platform size with concave profile combines support with ultimate grip
- / Shot-peen surface increases fatigue life and impact resistance
- / Recommended for: ASTM 5, All mountain, enduro, trail, free ride, DH, E-Bike

MATERIAL & FEATURES

- / Die Cast Alloy body
- / CNC optimized body
- / Chamfered leading edges
- / Shotpeen anodized



SADDLES

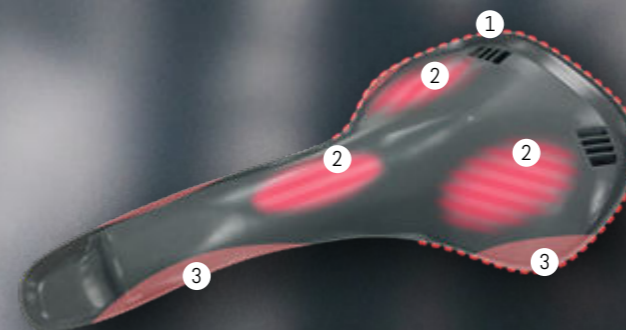


The SPANK saddle series is winning the hearts of everyone who tries them. Reviewed consistently as

"Incredibly comfortable"
 "Great for climbing"
 'what chaffing?'
 "Hands-down an all-day saddle"

SADDLE SELECTION & FIT

SPANK's SPIKE saddle is race inspired, where both OOZY models are aimed at blending All Mountain performance and comfort. The number reference in each model name, refers to the volume of padding in the upper section. Hence, the SPIKE 160 is the thinnest and firmest, and OOZY 280 has the thickest level of cushioning.



1 REINFORCED EDGES

Reinforced edges at the areas that suffer the most risk of impact, and then for your comfort, the rear where we wanted to offer you less flex and more support.

2 PRESSURE ZONE CONTOURS

Pressure zone contours allow for extra padding in the sit-bone and pelvic bone areas.

3 FLEX POINTS & ADAPTIVE EDGES

Saddle base contours have been designed to provide specific flex points & adaptive edges in the areas of the saddle where we want you to benefit from an adaptive feel, rather than an unforgiving hard edge.

4 REAR TIRE CLEARANCE

Rear tire clearance is maximized without the need for large cutouts or a swallow tail. Rails have unique bends and mounting locations and are constructed of tough, hollow chromoly, balancing ultimate strength and light weight.

5 LOW FRICTION SKIN

Low friction skin contributes to the overall comfort and pedaling efficiency, while anti-slip textures in the sit bone areas ensure security and confidence in all types of weather. SPIKE 160 and OOZY 280 saddles also feature abrasion resistant material over impact zones to reduce damage from crashes.

6 RELIEF CHANNELS

SPIKE and OOZY saddles feature anatomic recesses in the rider's perineum area, which relieve pressure on sensitive arteries and nerves, reducing numbness and discomfort during long days on the trail.



SPIKE 160
 LOW PROFILE RACE FIT



OOZY 220
 CONTOURED SUPPORTIVE FIT



OOZY 280
 MAX CUSHIONING
 ALL MOUNTAIN FIT



SPOON SNIFF
 DIRT JUMP SADDLE
 The SPOON Sniff Saddle is a high grip, tough, Kevlar-paneled dirt-jump saddle developed with SPANK Pro Sam Reynolds.





SPANK | SPIKE 160

Size (mm) 144x265
 Weight +/- (g) 250
 Material - Upper 3D co-molded foam and durable synthetic skin
 Material - Shell Fiber-reinforced polymer
 Material - Rail Hollow Chromoly

Color



RIDER - SAM REYNOLDS

- / Anatomic race inspired low profile
- / Tuned flex points
- / Contact edges
- / Reinforced impact zones



SPANK | OOZY 220

Size (mm) 144x265
 Weight +/- (g) 270
 Material - Upper 3D co-molded foam and durable synthetic skin
 Material - Shell Fiber-reinforced polymer
 Material - Rail Hollow Chromoly

Color



- / Anatomic support inspired low profile
- / Tuned flex points
- / Contact edges
- / Reinforced impact zones



SPANK | OOZY 280

Size (mm)	144x265
Weight +/- (g)	280
Material - Upper	3D co-molded foam and durable synthetic skin
Material - Shell	Fiber-reinforced polymer
Material - Rail	Hollow Chromoly

Color



- / Anatomic comfort profile
- / Tuned flex points
- / Contact edges
- / Reinforced impact zones



SPANK | SPOON SNIFF
SAM REYNOLDS EDITION

Size (mm)	135x245
Weight +/- (g)	305
Material - Upper	Kevlar and Super Grip Vinyl, saddle stitched upper
Material - Shell	Polypropylene
Material - Rail	Hollow Chromoly

- / Super Grip & Kevlar Upper
- / Tough Chromoly Rails



- / Tough Kevlar side panels for ultimate durability in the 'rub and impact zones'
- / Textured super grip vinyl upper for best grip and comfort
- / Saddle stitched panels for perfect cover fit gives high end upholstered look
- / Tough Chromoly rails take just about any abuse
- / Sam Reynolds Edition – endorsed for bike park, free ride and also perfect for kids
- / Recommended for: ASTM 5, All mountain, freeride





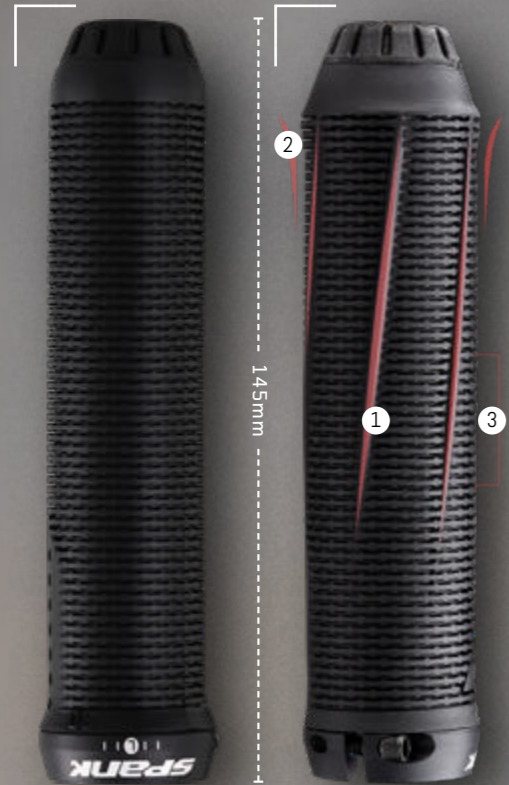
GRIPS

SPIKE GRIP 30 & GRIP 33

are a revolution in grip design.

Engineered to reduce impulse shock and absorb vibration

- / Interlocking column tread design prevents float
- / Single lock ring design
- / Reinforced impact end
- / Low friction thumb zone
- / Three directional ribs add traction (GRIP 33)



SPIKE GRIP 30 SPIKE GRIP 33



// **SPIKE GRIP 33** has an oversized 33mm diameter, and several performance enhancing features.

- 1 THREE TRACTION RIBS** at the front section of the Grip 33 are located anatomically, locking into the joints of each finger to optimize traction where maximum torque is applied during riding. These ribs are directionally ramped to allow a smooth feeling when the hand is rotated in a forward direction, while increasing traction as the rider pulls back on the bar. This feature reduces the need for a tight "death-grip" on the bars in rough terrain, reducing fatigue and heightening traction in wet, muddy, or dusty conditions.
- 2 FLARED BAR-ENDS** have been added to the Grip 33, providing a tactile index of bar-end location, and adding an additional feeling of security and lateral traction in adverse riding conditions. Bar-end diameter increases smoothly from 33mm to 34.6mm.
- 3 ASYMMETRIC FIRMNESS** has been designed into the Grip 33, to offer the benefits of an ergonomically shaped grip, in a truly round grip profile. Fins to the upper rear of the grip, where the rider's weight is supported are taller, providing a softer zone which damps vibration and shock more effectively.



// **SINGLE CLAMP LOCK-ON**

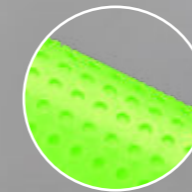
Custom oversized CNC alloy lock rings ensure security on handlebars, and allow for a very light overall weight. Lock rings conveniently snap tightly into place on the grip body, and include Left and Right indicators as well as set up angle marks. Grip 30 and 33 grips are available with variety of anodized color lock rings to match any build.

// **BASE CUT OUTS**

A feature which is not so obvious, but very important to the rider's comfort, is the large cut-out in the plastic base of each grip. These cut-outs are located in the area where the palm rests on the grip, supporting the rider's weight. They allow the rubber tread to contact directly to the handlebar, giving a softer feeling in this area, and enhancing the grips ability to damp vibration and shock. The added friction created by rubber on bar, also helps to optimize the locking security of the grip on the bar.

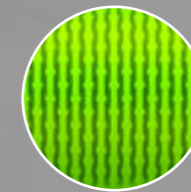
// **IMPACT RESISTANT MOTO-STYLE BAR-ENDS**

Featured on the Grip 30 and Grip 33, are constructed of fiber reinforced nylon, and have two very important functions. The bar-ends have been designed to both protect the ends of the grips and rider's fingers during crashes or contacts, and provide a safe, ergonomically tapered zone for the little finger to grip, when an extra wide stance and additional leverage is desired.



// **LOW FRICTION THUMB ZONE**

Spike Grip 30 and Grip 33 feature a smooth zone where the thumb rests. This zone provides a lower friction surface to reduce discomfort and wear on gloves.



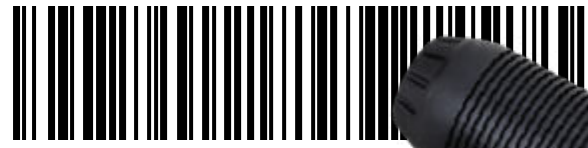
// **TREAD PATTERN**

SPANK's Human Factor tread design offers the durability, vibration damping and exceptional grip of a traditional finned or mushroom grip, without the excessive side to side float commonly associated to these grips.

SPIKE GRIP 30

Length (mm) 145
 Diameter (mm) 30
 Weight +/- (g) 100 per pair

Color



- / Human Factor interlocking column, low profile design offers the comfort and durability
- / Benefits of a finned grip without unwanted float
- / Anatomically designed, impact resistant bar end tapers to support and protect the little finger
- / Anatomical bar end design supports and protects the little finger
- / Cut out in base improves impulse shock damping, vibration absorption and comfort
- / Extra-long body with single lock ring and smooth thumb zone to reduce trigger friction

FEATURES

- / Single lock grip
- / Low profile 30mm diameter
- / Tapered bar ends
- / Spank 'Human Factor' grip pattern

- / Interlocking column design offers the comfort and durability benefits of a finned grip without unwanted float
- / Anatomically designed, impact resistant bar end tapers to support and protect the little finger
- / Internal cut out at the palm area reduces impulse shock and vibration adding comfort and reducing fatigue
- / Three ergonomic directional ribs at the front of each grip, and flare at outboard end add traction in any condition
- / Extra-long body with single lock ring and smooth thumb zone to reduce trigger friction
- / Recommended for: All mountain, enduro, trail, freeride, DH, E-Bike

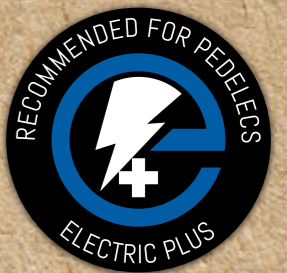
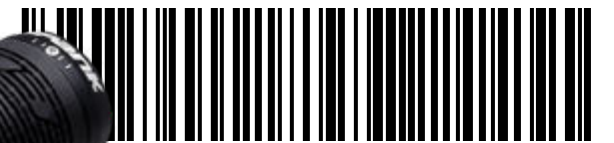
FEATURES

- / Single lock grip
- / Wide profile 33mm diameter
- / Tapered bar ends
- / Spank 'Human Factor' grip pattern

SPIKE GRIP 33

Length (mm) 145
 Diameter (mm) 33
 Weight +/- (g) 129 per pair

Color



SPOON GRIP

Length (mm) 130
 Diameter (mm) 30
 Weight +/- (g) 110 per pair

Color



- / 130mm length, slim low-profile design, with micro-diamond grip pattern
- / Double locking alloy rings fixing the special tacky rubber compound
- / Recommended for: All mountain, trail, freeride, E-Bike

FEATURES

- / Two anodized alloy clamp rings,
- / Plastic safety end plugs, micro
- / Diamond pattern



- / 100mm length specifically designed for children's hands
- / Providing ideal handlebar control while riding
- / Tacky rubber fixed with 2 anodized alloy clamp rings increases grip
- / Recommended for: All mountain

FEATURES

- / Tailored to fit children's hands
- / Two anodized alloy clamp-rings
- / Plastic safety end plugs
- / Micro diamond pattern

SPOON GROM GRIP

Length (mm) 100
 Diameter (mm) 30
 Weight +/- (g) 95 per pair

Color





HANDLEBARS

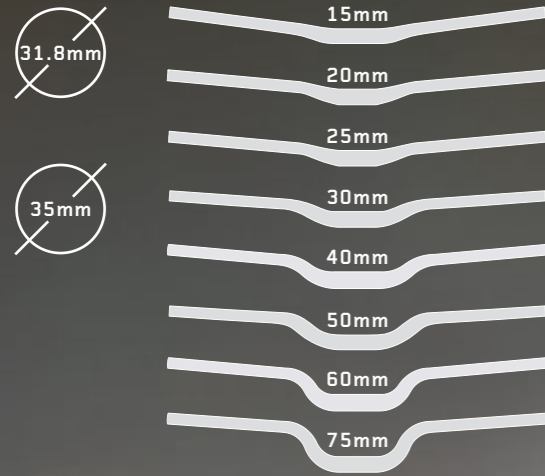
BAR SELECTION & FIT

Handlebars play a very important role in finding the right fit on any bike, and there are more aspects to handlebar selection and fitting than most people understand.

Before you make a selection, take a moment to understand the design geometry references on SPANK bars. They are there to guide your cockpit selection and set-up.

THE BASICS

SPANK Bars are available in both 31.8mm and 35mm diameters depending on the model. Bar lengths start at 777mm and go up to 820mm.



GEOMETRY

This refers to the unique bends, angles and sweeps of a handlebar and are one of the most important aspects of HUMAN FACTOR.

Bar selection is entirely dependent on rider height, arm-span and the relationship between the rider-bike geometry. Geometry indexes includes:

- / RISE
- / UP-SWEEP
- / BACK-SWEEP
- / SETBACK

SPANK Bars range from 15mm RISE through to 75mm.

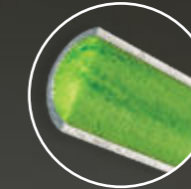


SPANK'S AWARD WINNING VIBROCORE TECHNOLOGY IS PROVEN TO REDUCE ARM-HARM NUMBNESS AND REDUCE THE ONSET OF ARM-PUMP. YOU CAN LEARN MORE ABOUT HOW VIBROCORE WORKS BY [CLICKING HERE](#)



// BAR GEOMETRY INDEX & COCKPIT ADJUSTMENT DIAL

Located at the center, or bar clamp zone of the bar, this contains all the critical bar geometry specifications. The cockpit adjustment dial is a very handy reference for finding your ideal bar position.



// VIBROCORE INSIDE

Look for the Vibrocore marking on a SPANK bar to know whether or not the bar is VIBROCORE enhanced.



// CUT MARKS GUIDE

All SPANK bars come with cut marks at the bar ends for ease in determining the minimum width to which your bar can be cut down to.



Model	Barclamp Diameter (mm)	Width (mm)	Rises (mm)	Sweep (Up/Back)	Setback (mm)	Weight (g)
Spike 800 Vibrocore™	31.8	800 (Adj. to 740)	15/30/50/75	4°/8°	46/49/54/60	340-360
Oozy 780 Vibrocore™	31.8	780 (Adj. to 740)	15/25	5°/7°	46/50	270-275
Spike 35 Vibrocore™	35	820 (Adj. to 760)	25/40/60	5°/8°	55	325
Spike 800 Race	31.8	800 (Adj. to 740)	15/30/50	4°/8°	46/49/54	310-330
Spoon 800	31.8	800 (no min Adj.)	20/40/60/75	5°/8.5°	53/60	350-380
Spoon 35	35	800	25/40/60	5°/8°	49/57/64	352-369
Spoon 25	31.8	785 (no min Adj.)	25	5°/8°	51	380
Spoon 40	31.8	785 (no min Adj.)	40	5°/9°	60	385
Spoon 60	31.8	785 (no min Adj.)	60	4°/10°	68	420

SPIKE 800

VIBROCORE™

Rise (mm)	15 / 30 / 50 / 75
Diameter (mm)	31.8
Weight +/- (g)	340 / 355 / 370 / 365
Length (mm)	800 (adjustable to 740)
Geometry (deg)	4° up x 8° back
Setback (mm)	49 / 54 / 60 / 65



Color



- / Award-winning Vibrocore foam core provides vibration damping proven to reduce arm pump and hand-numbness
- / CNC bending and extreme gradual taper (XGT) technology result in lighter, thinner wall
- / Increased strength and stiffness compared to conventional alloy bars
- / shot-peening and anodizing enhances fatigue life even further
- / Dial your fit - adjustable to 740mm
- / Recommended for: ASTM 5, All mountain, enduro, free ride, DH, E-Bike

SUPER 6



XGT
Extreme Gradual Taper



MATERIAL & FEATURES

- / Super 6 Alloy
- / MGR
- / Shotpeen anodized
- / Vibrocore™
- / XGT
- / CNC Bending

15mm
30mm
50mm
75mm



OOZY 780 VIBROCORE™

Rise (mm)	15 / 25
Diameter (mm)	31.8
Weight +/- (g)	270 / 275
Length (mm)	780 (adjustable to 740)
Geometry (deg)	5° up x 7° back
Setback (mm)	46 / 50



Color



- / Award-winning Vibrocore foam core provides vibration damping proven to reduce arm pump and hand-numbness
- / CNC bending and extreme gradual taper (XGT) technology result in lighter, thinner wall
- / Increased strength and stiffness compared to conventional alloy bars
- / Shot-peening and anodizing enhances fatigue life even further
- / Dial your fit - adjustable to 740mm
- / Recommended for: ASTM 5, All mountain, enduro, trail, free ride, XC, E-Bike

MATERIAL & FEATURES

- / Zirconium Doped 7-Series Alloy
- / Shotpeen anodized
- / Vibrocore™
- / XGT
- / CNC Bending



15mm
25mm



SPIKE 35

VIBROCORE™

Rise (mm)	25 / 40 / 60
Diameter (mm)	35
Weight +/- (g)	325 / 335 / 345
Length (mm)	820 (adjustable to 760)
Geometry (deg)	5° up x 8° back
Setback (mm)	55 / 59 / 66



Color



- / Award-winning Vibrocore foam core provides vibration damping proven to reduce arm pump and hand-numbness
- / CNC bending and extreme gradual taper (XGT) technology result in lighter, thinner wall
- / Increased strength and stiffness compared to conventional alloy bars
- / Shot-peening and anodizing enhances fatigue life even further
- / Dial your fit - adjustable to 760mm
- / Recommended for: ASTM 5, All mountain, enduro, trail, free ride, DH, E-Bike

MATERIAL & FEATURES

- / Zirconium Doped 7-Series Alloy
- / MGR
- / Shotpeen anodized
- / Vibrocore™
- / XGT
- / CNC Bending



25mm

40mm

60mm



SPIKE 800

RACE

Rise (mm)	15 / 30 / 50
Diameter (mm)	31.8
Weight +/- (g)	310 / 320 / 330
Length (mm)	800 (adjustable to 740)
Geometry (deg)	4° up x 8° back
Setback (mm)	46 / 49 / 54



Color



- / CNC bending and extreme gradual taper (XGT) technology result in lighter, thinner wall
- / Increased strength and stiffness compared to conventional alloy bars
- / Shot-peening and anodizing enhances fatigue life even further
- / Dial your fit - adjustable to 740mm
- / Recommended for: ASTM 5, All mountain, enduro, trail, DH

SUPER 6



XGT
Extreme Gradual Taper



MATERIAL & FEATURES

- / Super 6 Alloy
- / MGR
- / Shotpeen anodized
- / XGT
- / CNC Bending

15mm

30mm

50mm



SPOON 800

Rise (mm)	20 / 40 / 60 / 75
Diameter (mm)	31.8
Weight +/- (g)	357 / 357 / 358 / 365
Length (mm)	800 (adjustable to 740)
Geometry (deg)	5° up x 8.5° back 5° up x 8.5° back 4° up x 8° back 4° up x 8° back
Setback (mm)	54 / 62 / 65 / 70



Color



- / Cost effective upgrade to your cockpit without sacrificing quality
- / Rock solid in the park or on the trail
- / Freeride inspired all mountain geometry makes the bar extremely versatile
- / Shot-peening and anodizing enhances fatigue life
- / Dial your fit - adjustable to 740mm
- / Recommended for: ASTM 5, All mountain, trail, free ride, DH, E-Bike

SUPER 6



XGT
Extreme Gradual Taper



MATERIAL & FEATURES

- / 6 Series Alloy
- / MGR
- / Shotpeen anodized
- / Vibrocore™
- / XGT
- / CNC Bending

20mm
40mm
60mm
75mm



SPOON 35

Rise (mm)	25 / 40 / 60
Diameter (mm)	35
Weight +/- (g)	352 / 361 / 369
Length (mm)	800 (adjustable to 740)
Geometry (deg)	5° up x 8° back
Setback (mm)	49 / 57 / 64

Color



- / Cost effective upgrade to your cockpit without sacrificing quality
- / Rock solid in the park or on the trail
- / Freeride inspired all mountain geometry makes the bar extremely versatile
- / Shot-peening and anodizing enhances fatigue life
- / Dial your fit - adjustable to 740mm
- / Recommended for: ASTM 5, All mountain, trail, free ride, E-Bike

MATERIAL & FEATURES

- / 6 Series Alloy
- / MGR
- / Shotpeen anodized

SUPER 6



25mm

40mm

60mm



SPOON

Rise (mm)	25 / 40 / 60
Diameter (mm)	31.8
Weight +/- (g)	385 / 400 / 420
Length (mm)	785 (adjustable to any length)
Geometry (deg)	5° up x 8° back 5° up x 9° back 4° up x 10° back
Setback (mm)	51 / 60 / 68



- / Cost effective upgrade to your cockpit without sacrificing quality
- / Rock solid in the park or on the trail
- / Freeride inspired all mountain geometry makes the bar extremely versatile
- / Shot-peening and anodizing enhances fatigue life
- / Dial your fit - adjustable to any length
- / Recommended for: ASTM 4, All mountain, trail, free ride, DH

MATERIAL & FEATURES

- / Alloy
- / Shotpeen anodized

25mm

40mm

60mm



STEMS



STEM SELECTION & FIT

Perhaps nowhere is the effect of Human Factor fitting more obvious than our bikes' cockpits. Tiny adjustments in cockpit geometry can have a massive impact on your bike's comfort and performance characteristics.

COCKPIT GEOMETRY can be tuned to fit each rider's unique requirements in a number of ways. SPANK offers a many options of handlebar widths, rises & sweeps, stem lengths, widths & diameters, and headset spacer kits to adjust the overall cockpit height and set-back.



SPANK HEADSET SPACER KITS come in convenient packs including 3mm, 6mm, and 12mm spacer rings, allowing micro-adjustment of cockpit height and set-back. Available in 7 different anodized colors, with laser etch logos, they're the only spacer kits you'll ever need.

SPANK STEMS share a number of safety and performance enhancing features:

- / FORGED STEM BODIES & FACE-PLATES mean micro grain refinement of alloys, the highest strength to weight ratio possible, and utmost stiffness and safety
- / CHAMFERED BAR-CLAMPS reduce stress risers at the handlebar/stem interface, increasing the fatigue life and safety of handlebars
- / SHOTPEEN-ANODIZED FINISH increases durability and fatigue life
- / SHORT STACK HEIGHTS allow low cockpit set ups when desired
- / CNC OPTIMIZATION of forged stem bodies and face-plates keeps weight to a minimum without compromising ultimate strength and stiffness
- / TRUE ZERO DEGREE RISE for stable and predictable steering

DIRECT MOUNT STEMS



DM 25-30



DIRECT 40

SINGLE CROWN STEMS



SPANK SPLIT



SPANK SPLIT 35



SPOON 318



SPOON 350



// TUNING IN MICRO INCREMENTS

SPANK SPLIT & SPLIT 35 Stems come in 4-lengths per model, allowing you to tune your cockpit in micro-increments.

// UP-SWEEP DIAL GUIDE



The degree marketings on the SPANK SPLIT Stems allow you to find and reference your ideal bar up-sweep position in your cockpit.



Model	Lengths (mm)	Barclamp Diameter (mm)	Barclamp Width (mm)	Rise (mm)	Stack Height (mm)	Weight (g)
Split	33/38/43/48	31.8	60	0	34	133-143
Split 35	35/40/45/50	35	60	0	34	131-141
SPOON 318	33/43	31.8	50	0	35	138/147
SPOON 350	35/45	35	50	0	35	138/147
DIRECT 40	40	31.8	60	22	N/A	134
Spike Director 2	50	31.8	50	15	N/A	150
SPIKE RACE 2	35/50	31.8	52	0	35	150/180
SPOON 2	40	31.8	50	0	35	170

SPANK

SPLIT 31.8MM



Length (mm)	33 / 38 / 43 / 48
Rise	0°
Diameter (mm)	31.8
Stack Height (mm)	34
Weight +/- (g)	133 / 138 / 140 / 143

Color



SPANK

SPLIT 35MM



Length (mm)	35 / 40 / 45 / 50
Rise	0°
Diameter (mm)	35
Stack Height (mm)	34
Weight +/- (g)	131 / 136 / 139 / 141

Color



- / Highly weight optimized single crown stem
- / Dial your fit with micro increment size options, tuned to fit any rider size and style
- / Cockpit setup index lasered onto stem helps with tuning of up-sweep and back-sweep
- / Ultra-short stack height and true zero-degree rise
- / Chamfered bar clamp to reduce stress risers and increase fatigue life in handlebars

SUPER 6



SPANK | SPOON 318 STEM 31.8MM



Length (mm) 33 / 43
 Rise 0°
 Diameter (mm) 31.8
 Stack Height (mm) 35
 Weight +/- (g) 143 / 147

Color



SPANK | SPOON 350 STEM 35MM



Length (mm) 35 / 45
 Rise 0°
 Diameter (mm) 35
 Stack Height (mm) 35
 Weight +/- (g) 144 / 148

Color



- / Strong yet competitively lightweight alloy single crown stem for all disciplines
- / Unique style, modern geometry, and rock-solid construction, without the heavy price tag
- / Dial your fit with micro increment size options, tuned to fit any rider size and style
- / cockpit setup index lasered onto stem helps with tuning of up-sweep and back-sweep
- / ultra-short stack height and true zero-degree rise
- / Chamfered bar clamp to reduce stress risers and increase fatigue life in handlebars

SUPER 6



SPANK**DIRECT 40 STEM 31.8MM**

Length (mm)	40
Rise	22°
Diameter (mm)	31.8
Stack Height (mm)	n/a
Weight +/- (g)	141



- / Proven alloy strength and security for racing or freeriding
- / 2D forged MGR alloy body and wide, chamfered bar-clamps offer unparalleled support to handlebars, enhancing safety and longevity in your DH cockpit
- / Adjustable 22-27mm rise
- / Shot peened and anodized for high strength and low weight
- / CNC and 6 bolts weight optimized for 31.8 bars
- / Recommended for: ASTM 5, DH, free ride

MATERIAL & FEATURES

- / 2D Forged MGR Alloy
- / CNC weight optimized
- / Chamfered bar clamp
- / Adjustable rise
- / 6 bolts design

**SPANK****SPIKE DIRECTOR 2 31.8MM**

Length (mm)	50
Rise	15°
Diameter (mm)	31.8
Stack Height (mm)	n/a
Weight +/- (g)	150



- / Proven alloy strength and security for racing or freeriding
- / 2D forged alloy body and wide, chamfered bar-clamps offer unparalleled support to handlebars, enhancing safety and longevity in your DH cockpit
- / Shot peened and anodized for high strength and low weight
- / CNC weight optimized for 31.8 bars
- / Recommended for: ASTM 5, DH, free ride

MATERIAL & FEATURES

- / 2D Forged MGR Alloy
- / MGR
- / Shotpeen anodized
- / Chamfered bar clamp
- / CNC optimized body



SPANK**SPIKE RACE 2**

31.8MM



Length (mm) 35 / 50
 Rise 0°
 Diameter (mm) 31.8
 Stack Height (mm) 35
 Weight +/- (g) 150 / 180

Color



- / Burly 31.8 bar-clamp zone is chamfered to reduce stress risers and increase fatigue life in handlebars
- / Iconic hourglass sectional profile provides the immense torsional stiffness
- / CNC weight optimized for 31.8 bars
- / Shot peened and anodized for high strength and low weight
- / Recommended for: ASTM 5, All mountain, enduro, free ride, E-Bike

MATERIAL & FEATURES

- / 2D Forged MGR Alloy
- / Shotpeen anodized
- / Chamfered bar clamp
- / CNC optimized body

**SPANK****SPOON 2**

31.8MM



Length (mm) 40
 Rise 0°
 Diameter (mm) 31.8
 Stack Height (mm) 35
 Weight +/- (g) 170

Color



- / Strong yet competitively lightweight alloy single crown stem for all disciplines
- / Unique style, modern geometry, and rock-solid construction, without the heavy price tag
- / Chamfered bar-clamps to reduce stress risers and increase fatigue life of handlebars
- / Ideal for shorter riders to improve the setup of their cockpit
- / Recommended for: ASTM 5, All mountain, enduro, trail, free ride, DH, E-Bike

MATERIAL & FEATURES

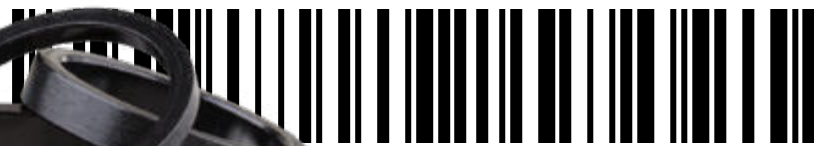
- / 2D Forged MGR Alloy
- / Shotpeen anodized
- / Chamfered bar clamp
- / CNC optimized body



SPANK | SPACER KIT

Material Alloy
Spacer (mm) 3, 6, 12mm Headset Spacer Rings Included
Diameter (mm) 28.6 (1 1/8")

Color



- / Dial your fit with SPANK Industries headset spacer kit
- / Includes 3mm, 6mm and 12mm headset spacer rings
- / Brushed anodized with Laser Logo (12mm spacer ring)
- / Recommended for: All mountain, enduro, trail, free ride, DH, E-Bike, Gravel, XC





SUPPORTING INDEPENDENT BUILDERS

SPANK INDUSTRIES places a high value on the contribution of mechanics, engineers, artisans and builders in our industry. We also recognize that every rider should have the choice of customizing their bike to their optimum riding, and budget!

We have launched the SPANK MASTER WHEEL BUILDER program in support of connecting riders globally with local wheel builders who are dedicated to working with our customers in offering high quality custom wheel builds on SPANK rims.

Contact support@spank-ind.com if you are looking for a custom wheel builder in your area and we will be happy to connect you.



RIM SELECTION & FIT

// ERD++

SPANK ERD = Rim diameter (mm) with 2x spoke bed thickness (mm) included.
 (++) = add your own nipple head height (mm) x2

// TUBELESS

All SPANK Rims come with a protective rim strip that must be removed prior to wheel building. This is NOT a tubeless tape. All SPANK Rims are tubeless compatible except Spoon 32 & Spoon 28 which are pinned rims, without BeadBite, and are therefore not recommended for tubeless use.



// RIM JOINT

Rims are joined by either welding, pinning, or sleeving. A welded joint creates an inflexible weak point that compromises the consistency of a rim. The heat of welding also compromises the material strength at that point. SPANK INDUSTRIES rims are sleeved. This allows for an agreeable amount of flex at the join - a good thing! A sleeved joint also offers the highest strength-to-weight ratio. A SPANK sleeved rim joint is covered with a thin-layered water decal. This is only aesthetic. It is normal, and no problem if that decal breaks during riding. It is merely an indication that the sleeve is performing the function it was designed for - allowing for flex. Spoon rims are pinned, not sleeved.



28H 32H

All SPANK MTB Rims are available in 32-hole, while some also offer 28H options. Check individual rim spec to confirm availability.

	INNER WIDTH (mm)	OUTER WIDTH (mm)	RIM DEPTH	28 HOLE	32 HOLE		ETRTO	ERD	WEIGHT (g)	TIRE FIT	VALVE
359 VC	30.5	35	19		X	27.5" 29"	584x30.5 622x30.5	560++ 598++	±580 ±620	2.0" to 2.6"	F/V Presta
359	30.5	35	19	X	X	27.5" 29"	584x30.5 622x30.5	560++ 598++	±505 ±540	2.0" to 2.6"	F/V Presta
350 VC	30.5	35	17	X	X	27.5" 29"	584x30.5 622x30.5	564++ 602++	±560 ±600	2.0" to 2.6"	F/V Presta
350	30.5	35	17		X	27.5" 29"	584x30.5 622x30.5	564++ 602++	±500 ±535	2.0" to 2.6"	F/V Presta
OOZY 395+	35	39.5	22		X	27.5" 29"	584x35 622x35	554++ 591++	±560 ±590	2.3" to 3.0"	F/V Presta
SPIKE 33	28	33	22		X	24" / 26" 27.5" 29"	559x28 584x28 622x28	529++ 554++ 591++	±480 ±500 ±525	1.9" to 2.5"	F/V Presta
SPOON 32	26.5	32	24		X	26" 27.5"	559x26.7 584x26.7	526.5++ 551.5++	±620 ±650	1.8" to 2.4"	A/V Shrader
SPOON 28	23	28	18.5 24		X	20" 24"	406x23 507x23	382++ 474++	±340 ±490	1.3" to 2.3"	A/V Shrader
FLARE 24 VC	24	28	16.5	X	X	650b/27.5" 700c/29"	622x24	602++	±405 ±430	1.5" to 2.3" 35c - 62c	F/V Presta
FLARE 24 VC OC	24	28	16.5	X	X	650b/27.5" 700c/29"	622x24	602++	±405 ±430	1.5" to 2.3" 35c - 62c	F/V Presta



TUNED WHEELSETS

The task of a rear wheel varies from the task of a front wheel. Not only that - each wheel sustains a completely unique set of impacts and stresses. SPANK's rim profiles are optimized in width and depth, with and without Vibrocore, to offer you a variety of ideal front and rear pairings. Refer to the chart to see our recommendations, whether you are purchasing a SPANK factory wheel, or having a custom wheel set built, the 359 and 350 rim series is where you will benefit from



HAND BUILT

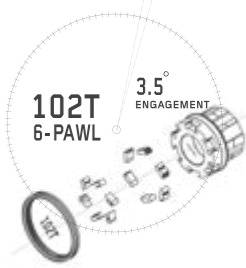
Every SPANK wheel is hand laced, tensioned, and trued, and receives several quality control checks, before the builder signs off on each wheel's build specification.



SPANK pushes wheel evolution one step further with the injection of Vibrocore in to the inner well of our Radially Compliant rims, to increase torsional strength and further reduce vibration.

SPANK wheels are hand-laced to the SPANK HEX DRIVE 102T Hub system, with 3.5° Engagement, and 6 Pawl, 18 contact point drive system. HEX hub wheels feature high grade seals, "Bite Block" alloy freehubs, oversized bearings and alloy axles, and a unique flange design which minimizes dish in wheels and the resulting spoke tension range.

* SPOON Wheels are not laced to Hex hubs, but feature the tried and tested robust SPOON J-Type Hub (3-Pawl, 24T engagement).



SPANK INDUSTRIES RECOMMENDED FRONT & REAR PAIRINGS

REAR WHEEL

Sustain higher impacts
Provide torsional and lateral stiffness
Enhance stability & acceleration deflection

Lighter front wheel configuration to pump up the playfulness of your ride, and a burlier model in the back for added durability.

FRONT WHEEL

Provide stable and responsive steering
Be compliant to enhance tracking and reduce deflection
Maximize traction

Wider wheel up front for added traction, and narrower in back for higher rolling speed.

Radially Compliant wheel in the front for maximum traction and reduced wheel deflection, and Vibrocore in back for enhanced responsiveness.

SPANK 359 VIBROCORE
32H

SPANK 359 32H

SPANK 359 28H

SPIKE 33

SPOON 32

SPANK 350 VIBROCORE
32H

SPANK 350 32H

SPANK 359 28H

SPIKE 33

SPOON 32

359

VIBROCORE™

- / Moderately low 19mm profile height and wide width, balances the benefits of radial compliance with high lateral stiffness and predictable handling
- / Radial Compliance improves traction over bumps and chatter, while reducing negative feedback to the rider. Performance and comfort are improved
- / Vibrocore™ inner well, reduces the transmission of harmful vibration frequencies, meaning less vibration for the suspension and rider, also increasing the fatigue life of the rim
- / 30.5mm inner width is extremely versatile, fitting tires from 2.0" to 2.6", and even allowing + size tire use without negative squaring off of tire profiles
- / Bead Bite tubeless hooks enhance tubeless performance and tire security, even at lower pressures

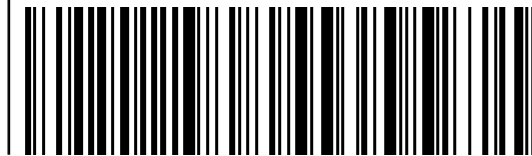
RIM SPECIFICATION

Hole Count	32
Inner Width (mm)	30.5
Outer Width (mm)	35
Profile Height (mm)	19
Tubeless	Compatible
Valve	F/V Presta
Tire Fit	2.0" to 2.6"

RIM VARIANT SPECS

Diameter	26"	27.5"	29"
Weight (g)	-	580	620
ETRTO (mm)	-	584x30.5	622x30.5
ERD (mm)	-	560++	598++

++ : SPANK ERD = Rim diameter (mm) + 2x spoke bed thickness (mm), then add your own nipple head height (mm) x2 (++)



WHEEL BUILD SPECIFICATION

Build	A-Class Handbuilt
Hub	SPANK HEX DRIVE J-TYPE
Spokes	J-Hook, tripple butted 2.2/1.8/2.0
Nipples	Brass external
Lacing	3 cross lacing
Valve	F/V Presta
Tubeless	Tubeless taped & valved

REAR WHEEL OPTIONS

Diameters	27.5", 29"
Weight (From) +/-	1141 g
Hole Count	32
Hex Hub J-Type	Boost 148, 150/157
Hex Hub Straightpull	n/a
Freehub Options	Alloy HG/XD/Microspline Steel E-Plus

FRONT WHEEL OPTIONS

Diameters	27.5", 29"
Weight (From) +/-	992g
Hole Count	32
Hex Hub Spacing	Boost 15/20x110



350

VIBROCORE™

- / Unique profile with low sectional height & wide width adds radial compliance & lateral stiffness
- / Improved radial compliance for better traction over bumps & chatter while reducing negative feedback to the rider gives enhanced performance & comfort
- / Vibrocore™ inner well reduces the transmission of harmful vibration frequencies & increases the fatigue life of the rim
- / 30mm internal width is versatile fitting tires from 2.0" to 2.6" and allows plus size tire use without negative squaring off of tire profiles

RIM SPECIFICATION

Hole Count	32
Inner Width (mm)	30.5
Outer Width (mm)	35
Profile Height (mm)	17
Tubeless	Recommended (tubeless tape & tubeless valve not included)
Valve	F/V Presta
Tire Fit	2.0" to 2.6"

RIM VARIANT SPECS

Diameter	26"	27.5"	29"
Weight (g)	-	560	600
ETRTO (mm)	-	584x30.5	622x30.5
ERD (mm)	-	564++	602++

++ : SPANK ERD = Rim diameter (mm) + 2x spoke bed thickness (mm), then add your own nipple head height (mm) x2 (++)



WHEEL BUILD SPECIFICATION

Build	A-Class Handbuilt
Hub	SPANK HEX DRIVE J-TYPE
Spokes	Tripple butted 2.2/1.8/2.0
Nipples	External
Lacing	3 cross lacing
Valve	F/V Presta
Tubeless	Tubeless taped & valved

FRONT WHEEL OPTIONS

Diameters	27.5", 29"
Weight (From) +/-	986g
Hole Count	32
Hex Hub Spacing	Boost 15/20x110



359

- / Moderately low 19mm profile height and wide width, balances the benefits of radial compliance with high lateral stiffness and predictable handling
- / Radial Compliance improves traction over bumps and chatter, while reducing negative feedback to the rider. Performance and comfort are improved
- / 30.5mm inner width is extremely versatile, fitting tires from 2.0" to 2.6", and even allowing + size tire use without negative squaring off of tire profiles
- / Bead Bite tubeless hooks enhance tubeless performance and tire security, even at lower pressures



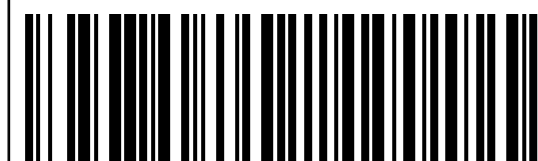
RIM SPECIFICATION

Hole Count	28 / 32
Inner Width (mm)	30.5
Outer Width (mm)	35
Profile Height (mm)	19
Tubeless	Compatible
Valve	F/V Presta
Tire Fit	2.0" to 2.6"

RIM VARIANT SPECS

Diameter	26"	27.5"	29"
Weight (g)	-	505	540
ETRTO (mm)	-	584x30.5	622x30.5
ERD (mm)	-	560++	598++

++ : SPANK ERD = Rim diameter (mm) + 2x spoke bed thickness (mm), then add your own nipple head height (mm) x2 (++)



WHEEL BUILD SPECIFICATION

Build	A-Class Handbuilt
Hub	SPANK HEX DRIVE
Spokes	Tripple butted 2.2/1.8/2.0
Nipples	External
Lacing	3 cross lacing
Valve	F/V Presta
Tubeless	Tubeless taped & valved

REAR WHEEL OPTIONS

Diameters	27.5", 29"
Weight (From) +/-	1077g
Hole Count	32
Hex Hub J-Type	Boost 148
Hex Hub Straightpull	n/a
Freehub Options	Alloy HG/XD/Microspline Steel E-Plus

FRONT WHEEL OPTIONS

Diameters	27.5", 29"
Weight (From) +/-	927g
Hole Count	32
Hex Hub Spacing	Boost 15/20x110



Bead Bite™

DYNAMAL

350

- / Unique profile with low sectional height & wide width adds radial compliance & lateral stiffness
- / Improved radial compliance for better traction over bumps & chatter while reducing negative feedback to the rider gives enhanced performance & comfort
- / 30mm internal width is versatile fitting tires from 2.0" to 2.6" and allows plus size tire use without negative squaring off of tire profiles



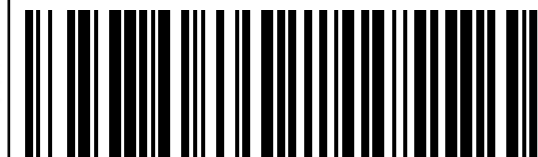
RIM SPECIFICATION

Hole Count	32
Inner Width (mm)	30.5
Outer Width (mm)	35
Profile Height (mm)	17
Tubeless	Recommended (tubeless tape & tubeless valve not included)
Valve	F/V Presta
Tire Fit	2.0" to 2.6"

RIM VARIANT SPECS

Diameter	26"	27.5"	29"
Weight (g)	-	500	535
ETRTO (mm)	-	584x30.5	622x30.5
ERD (mm)	-	564++	602++

++ : SPANK ERD = Rim diameter (mm) + 2x spoke bed thickness (mm), then add your own nipple head height (mm) x2 (++)



WHEEL BUILD SPECIFICATION

Build	A-Class Handbuilt
Hub	SPANK HEX DRIVE
Spokes	Tripple butted 2.2/1.8/2.0
Nipples	External
Lacing	3 cross lacing
Valve	F/V Presta
Tubeless	Tubeless taped & valved

FRONT WHEEL OPTIONS

Diameters	27.5", 29"
Weight (From) +/-	906g
Hole Count	32
Hex Hub Spacing	Boost 15/20x110



Bead Bite™

DYNAMAL

RACE 33

- / A high-performance alloy rim designed for freeride, enduro and downhill race use
- / Tubeless ready with anti-burp rim hooks to prevent the loss of pressure and keep tires firmly in place
- / 32 holes with an inner width of 28mm and outer width of 33mm to optimize tire spread and enhance traction
- / The corrugated rim center adds exceptional strength, making it more rigid and allowing the rim to be wider without adding material
- / Shotpeen finish to increase fatigue life and make it more durable

RIM SPECIFICATION

Hole Count	32
Inner Width (mm)	28
Outer Width (mm)	33
Profile Height (mm)	22
Tubeless	Recommended (tubeless tape & tubeless valve not included)
Valve	F/V Presta
Tire Fit	1.9" to 2.5"

RIM VARIANT SPECS

Diameter	24"	26"	27.5"	29"
Weight (g)	435	480	500	525
ETRTO (mm)	507x28	559x28	584x28	622x28
ERD (mm)	477++	529++	554++	591++

++ : SPANK ERD = Rim diameter (mm) + 2x spoke bed thickness (mm), then add your own nipple head height (mm) x2 (++)



WHEEL BUILD SPECIFICATION

Build	Handbuilt
Hub	SPANK HEX J-TYPE
Spokes	J-Hook, tripple butted 2.2/1.8/2.0
Nipples	Brass external
Lacing	3 cross lacing
Valve	F/V Presta
Tubeless	Tubeless taped & valved

REAR WHEEL OPTIONS

Diameters	26", 27.5", 29"
Weight (From) +/-	989g
Hole Count	32
Hex Hub J-Type	SS-DJ, Boost 148, 150/157
Hex Hub Straightpull	n/a
Freehub Options	Single Speed, Alloy HG/ XD/Microspline/ Steel E-Plus

FRONT WHEEL OPTIONS

Diameters	26", 27.5", 29"
Weight (From) +/-	845g
Hole Count	32
Hex Hub Spacing	26" - 15x100, non Boost 20x110 27.5 & 29" - Boost 15/20x110



Bead Bite™



SPOON 32

- / The most versatile, bombproof all-purpose rim
- / 32 holes with an inner width of 26.5mm and outer width of 32mm
- / The corrugated rim center adds exceptional strength, making it more rigid and allowing the rim to be wider without adding material
- / Shotpeen finish increases fatigue life and durability
- / Delivers exceptional strength and stiffness at a remarkable value

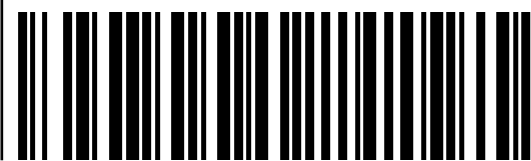
RIM SPECIFICATION

Hole Count	32
Inner Width (mm)	26.5
Outer Width (mm)	32
Profile Height (mm)	24
Tubeless	Not Recommended
Valve	F/V Presta
Tire Fit	1.8" to 24"

RIM VARIANT SPECS

Diameter	26"	27.5"
Weight (g)	620	650
ETRTO (mm)	559x26.5	584x26.5
ERD (mm)	526.5++	551.5++

++ : SPANK ERD = Rim diameter (mm) + 2x spoke bed thickness (mm), then add your own nipple head height (mm) x2 (++)



WHEEL BUILD SPECIFICATION

Build	Handbuilt
Hub	SPANK SPOON J-TYPE
Spokes	J-Hook
Nipples	Brass external
Lacing	3 cross lacing
Valve	A/V Schrader Valve
Tubeless	No

REAR WHEEL OPTIONS

Diameters	26", 27.5"
Weight (From) +/-	1260g
Hole Count	32
SPOON J-Type	SS-DJ, 142/135, Boost 148
Hex Hub Straightpull	n/a
Freehub Options	Single Speed, HG

FRONT WHEEL OPTIONS

Diameters	26", 27.5"
Weight (From) +/-	1061g
Hole Count	32
Hub Spacing	non Boost - 15x100/ 20x110 Boost - 15/20x110



Bead Bite™

DYNAMAL

OOZY 395+

- / An ultra-wide, high performance alloy rim, weight optimized for All Mountain, Trail & E-Bike use
- / Tubeless ready with anti-burp rim hooks to prevent the loss of pressure and keep tires firmly in place
- / 32 holes with an inner width of 35mm and outer width of 39.5mm provides ultra-wide support for Plus-Size and high-volume tires
- / The corrugated rim center adds exceptional strength, making it more rigid and allowing the rim to be wider without adding material
- / Shotpeen finish to increase fatigue life and make it more durable



Bead Bite™
DYNAMAL



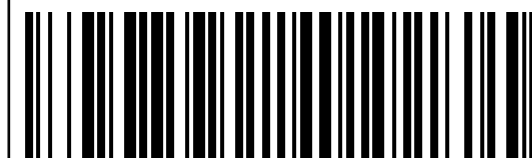
RIM SPECIFICATION

Hole Count	32
Inner Width (mm)	35
Outer Width (mm)	39.5
Profile Height (mm)	22
Tubeless	Recommended (tubeless tape & tubeless valve not included)
Valve	F/V Presta
Tire Fit	2.3" to 3.0"

RIM VARIANT SPECS

Diameter	27.5"	29"
Weight (g)	560	590
ETRTO (mm)	584x35	622x35
ERD (mm)	554++	591++

++ : SPANK ERD = Rim diameter (mm) + 2x spoke bed thickness (mm), then add your own nipple head height (mm) x2 (++)



SPOON | SPOON

28-24 | 28-20

- / Durable six series alloy rim suitable for kids bikes or 24" street bikes
- / 32 holes with an inner width of 23 mm and outer width of 32mm
- / The corrugated rim center adds exceptional strength, making it more rigid and allowing the rim to be wider without adding material
- / Shotpeen finish increases fatigue life and durability
- / Ultra-strong, ultra-safe option at a value oriented price



Bead Bite™

DYNAMAL

RIM SPECIFICATION

Hole Count	32
Inner Width (mm)	23
Outer Width (mm)	28
Profile Height (mm)	24 18.5
Tubeless	Not Recommended
Valve	A/V Schrader
Tire Fit	1.3" to 2.3"

RIM VARIANT SPECS

Diameter	24"	20"
Weight (g)	490	340
ETRTO (mm)	507x23	406x23
ERD (mm)	474++	382++

++ : SPANK ERD = Rim diameter (mm) + 2x spoke bed thickness (mm), then add your own nipple head height (mm) x2 (++)



WHEEL BUILD SPECIFICATION

Build	A-Class Handbuilt
Hub	SPANK SPOON J-TYPE
Spokes	J-Hook
Nipples	Brass External
Lacing	3 cross lacing
Valve	A/V Schrader Valve
Tubeless	No

REAR WHEEL OPTIONS

Diameters	24"
Weight (From) +/-	1126g
Hole Count	32
Hex Hub J-Type	142/135, Boost 148
Hex Hub Straightpull	n/a
Freehub Options	HG

FRONT WHEEL OPTIONS

Diameters	24"
Weight (From) +/-	913g
Hole Count	32
Hex Hub Spacing	15x100



SPANK

SPANK STICKIES



SPANK Rim Decal kit.
16pcs SPANK Rim decal for front and rear rim/wheel.
Includes 4pcs small SPANK logo decals.
Only compatible with 26"/27.5"/29" SPANK rims and wheels with 3xSPANK logos artwork:

- / SPANK 350/359, SPANK 350/359/Vibrocore, SPIKE 33, 345, 359+, Wing22, and Flare 24
- / Not compatible with SPOON 32, SPOON 28 and all SPANK rims not with 3 SPANK logos artwork.
- / Easy to paste and replace.



- / MATCH YOUR RIM DECALS TO ANY OF YOUR FAVORITE SPANK COMPONENT COLORS
- / SUPER EASY TO PASTE & REPLACE
- / 12X COLOUR OPTIONS AVAILABLE
- / SPANK AND COLOR MATCHED



HEX
15 x 100
15 x 110

SPANK
HEX J-TYPE

BOOST F15/20	ADAPT.	BOOST 15 BOOST 20 TORQUE CAP
Q32 ADAPTERS		

15 x 100
15 x 110

HUBS

HG | XD | MICROSPLINE | ELECTRIC PLUS | HGR | XDR | SINGLE SPEED



WEIGHT OPTIMIZED SPECIFIC ADAPTER SYSTEM

HEX hub adapters are highly weight optimized, and simple to understand.

REAR HUB ADAPTERS: HG/XD/MICROSPLINE UNIVERSAL FIT



No more XD vs HG or MS freehub specific adapters. All HEX rear hub adapters work with either freehub type.



HEX J-Type front hubs have 32mm diameter bearings, and require Ø32 HEX front hub adapters, accommodating QR, 10mm, 12mm, 15mm and 20mm standards.

FRONT HUB ADAPTERS: L/R UNIVERSAL FIT

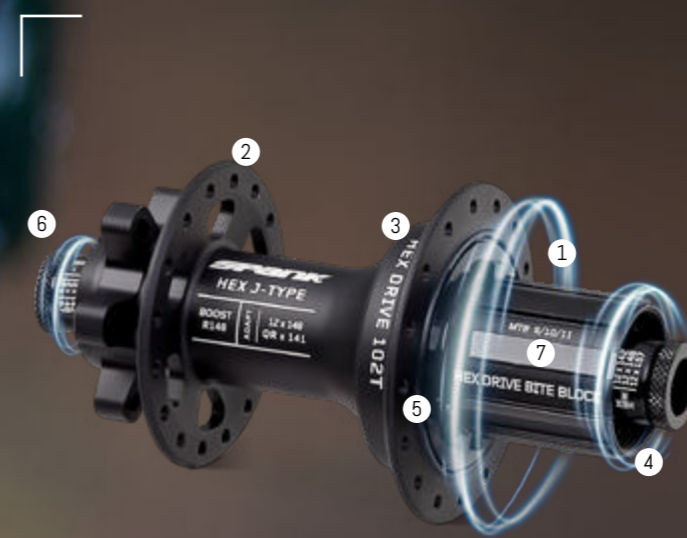


No more left vs right front hub adapters. All HEX front hub adapters are interchangeable from left to right side.



HEX Straightpull & Gravel front hubs have 28mm diameter bearings, and require Ø28 HEX front hub adapters, accommodating QR, 10mm, 12mm, and 15mm standards.

HEX-DRIVE HUBS



1 102T / 3.5° ENGAGEMENT

New HEX DRIVE rear hubs employ a huge ratchet ring, with 102 teeth. Six independent Pawls, each with 3 steps, work in unison to create 18 points of contact with the ratchet ring per click. The result is an almost instant pick-up, of just 3.5°, and unparalleled security against slippage under torque.

2 UNIQUE FLANGE DESIGNS

Unique flange designs on both J-Type and Straightpull HEX hubs, reduce dish requirements during wheel building, and minimizes tension range between drive side and non-drive side spokes.

3 OVERSIZED BEARINGS

Most mechanics favor hubs with #6902 bearings, as their large ball bearing size means higher performance and longevity. SPANK uses #6902 bearings with 15mm ID on the non-drive side of the HEX DRIVE 102T rear hubs. Where it really counts on the drive-side, the oversized diameter 102T ratchet ring, and beefed up axle, allow the use of a large drive side bearing with 17mm ID which shares the same large ball bearings, further enhancing stiffness and bearing lifespan.

4 ENHANCED SEAL SYSTEM

HEX DRIVE 102T Hubs feature an advanced seal system, including new Radial Shaft Seals, which improve protection from moisture and contamination over conventional seal types. Inside the hub, SPANK uses only industrial sealed bearings.

5 PATENTED PAWL CAP

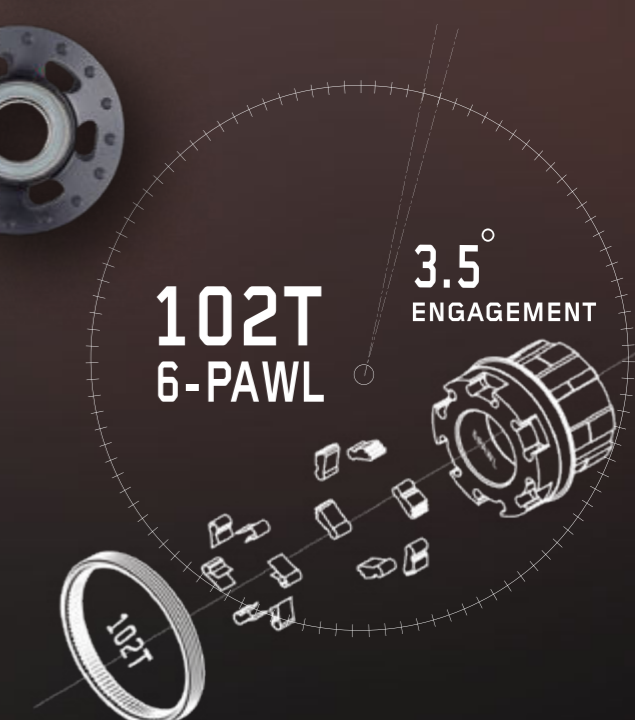
The 6 independent pawls in each rear HEX DRIVE 102T hub, are locked in place by a convenient Pawl Cap. This prevents damage from pawl misalignment which can be common with traditional pawl & spring systems, and ensures pawls stay in place during regular maintenance.

6 OVERSIZED ALLOY AXLES

Improving on past systems, the new HEX DRIVE 102T rear hubs feature an oversized 7-series alloy internal axle, with 15mm diameter on non-drive side and 17mm diameter on the drive-side. This strong yet light weight axle is strong enough for all disciplines of MTB, meaning no more added weight from steel axles in gravity models.

7 ANTI-BITE ALLOY HG FREEHUB BODIES

HG cassettes and freehubs, have long been plagued by the issue of loose rings digging into the splines on cassettes. In the past the solution for heavy hitters was to compromise weight, with a steel freehub. SPANK's new HEX DRIVE 102T hubs feature weight optimized alloy HG or HGR freehubs, with a single steel reinforced "Anti-Bite" spline, which reduces any movement and spline gouging with any cassette.



SPANK**HEX J-TYPE**
REAR HUB

Engagement Hex Drive 102T / 3.5° / 6 Pawl
 Hole Count 32H J-Hook
 Disc Mount 6-bolt
 Material CNC optimized forged alloy hub body, alloy axle, alloy freehub body & steel freehub body for E-Plus
 Finish Anodized, laser logos

**BOOST R148**

Configuration	Boost 12x148mm, J-hook
Freehub	Alloy HG / XD / Microspline, Steel E-Plus
Weight ±(g)	From 310
Adaptors Included	None
Adaptors Available Separately	Boost QRx141

**R150/157**

Configuration	12x150mm, J-hook
Freehub	Alloy HG/ XD/ Microspline/ Steel E-Plus
Weight ±(g)	From 315
Adaptors Included	12x157
Adaptors Available Separately	None

**R135/142**

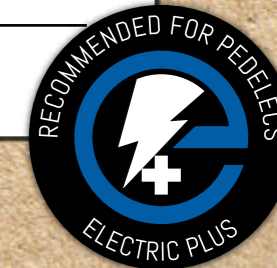
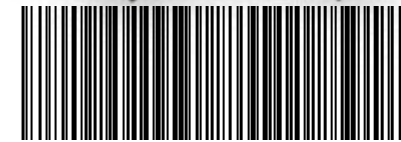
Configuration	12x142mm, J-hook
Freehub	Alloy HG/ XD/ Microspline / Steel E-Plus
Weight ±(g)	From 309
Adaptors Included	12x135
Adaptors Available Separately	QRx135, 10x135

**FEATURES**

- / 102T, 6-Pawl 3.5 degree Engagement
- / Full Alloy body and axle
- / Advanced seal system

SPANK**HEX J-TYPE**
FRONT HUB

Hole Count 32H J-Hook
 Disc Mount 6-bolt
 Material CNC optimized forged alloy hub body
 Finish Anodized, laser logos

**BOOST F15/20**

Configuration	Boost 15x110mm, J-hook
Weight ±(g)	173
Adaptors Included	Ø32 Boost 20x110
Adaptors Available Separately	Ø32 Torque Caps

**F15/20**

Configuration	20x110mm, J-hook
Weight ±(g)	165
Adaptors Included	Ø32 15x100
Adaptors Available Separately	Ø32 QRx100, Ø32 12x100
Conversion Kits Available Separately	BOOST 15X110 BOOST 20X110



SPANK

HEX STRAIGHTPULL
REAR HUB



Configuration Boost 12x148mm, Straightpull
Freehub Alloy HG / Alloy XD /
Alloy Microspline

Weight +/- (g) From 301

Adaptors Included None

Engagement HEX DRIVE 102T / 3.5° / 6 Pawl

Hole Count 28H Straightpull

Disc Mount 6-bolt

Material CNC optimized forged alloy hub
body, alloy axle, alloy "Bite Block"
freehub body

Finish Matte anodized, laser logos

Adaptors Available Boost QRx141
Separately



SPANK

HEX STRAIGHTPULL
FRONT HUB



Configuration Boost 15x110mm, Straightpull

Weight +/- (g) 136

Adaptors Included None

Hole Count 28H Straightpull

Disc Mount 6-bolt

Material CNC optimized forged alloy hub
body

Finish Matte anodized, laser logos

Adaptors Available Ø28 Torque Caps
Separately



SPANK

SS-DJ
SINGLE SPEED REAR HUB



Engagement	24T
Hole Count	32H
Disc Mount	6-bolt
Weight ±(g)	510 (with bolts & caps)
Material	Alloy body, steel freehub
Freehub	11T
Adaptors Included	None
Finish	Matte anodized, laser logos
Adaptors Available Separately	13T Cog Freehub



FEATURES

/ 3MM Integrated 11T Cog Freehub




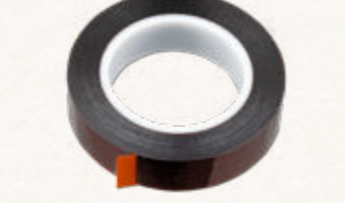




SPANK
SS-DJ
S/S 135
BOLT ON
ADAPT.
10x135

PARTS









WHEEL ACCESSORIES | PEDAL SERVICE | HEX DRIVE
FREEHUBS | HEX HUB ADAPTERS | HEX HUB SERVICE
PARTS | SPIKE & OOZY HUB ADAPTERS & SERVICE






WHEEL ACCESSORIES











PART NAME	PHOTO	DESCRIPTION	FEATURES	EAN
Fratelli Tubeless Tape 25mm		SPANK Industries Fratelli Tape, is a special ultra-light polyamide, adhesive tubeless conversion tape, which is ideal for SPANK's patented OohBah profile rims. Thicker, less pliable tapes are often difficult or impossible when taping complex rim profiles. Fratelli tape makes tubeless set up simple, and adapts well to a variety of rim types, including sleeved and welded joints. 25mm width tape is suggested for rims up to 29mm internal width, and 30mm tape for rims 30mm internal width and greater. With adhesive properties unaffected in a wide temperature range, Fratelli tape is also perfect for winter riders, or those in exceptionally hot environments.	<ul style="list-style-type: none"> / 25mm width x 8m tape / High temperature range adhesive, ideal for complex rim profiles / Ultra Thin Polyamide 	4717760760766
Fratelli Tubeless Tape 30mm		SPANK Industries Fratelli Tape, is a special ultra-light polyamide, adhesive tubeless conversion tape, which is ideal for SPANK's patented OohBah profile rims. Thicker, less pliable tapes are often difficult or impossible when taping complex rim profiles. Fratelli tape makes tubeless set up simple, and adapts well to a variety of rim types, including sleeved and welded joints. 25mm width tape is suggested for rims up to 29mm internal width, and 30mm tape for rims 30mm internal width and greater. With adhesive properties unaffected in a wide temperature range, Fratelli tape is also perfect for winter riders, or those in exceptionally hot environments.	<ul style="list-style-type: none"> / 30mm width x 8m tape / High temperature range adhesive, ideal for complex rim profiles / Ultra Thin Polyamide 	4717760766713
Tubeless Ready Valves - 2pcs		Tubeless set up should be a "set it and forget it" affair. SPANK's tubeless valves are constructed of durable brass material, and a tapered round rubber base which fits a wide range of rim designs. Sealed, removeable valve cores for sealant injection make set up or topping up a breeze.	<ul style="list-style-type: none"> Brass shaft, rubber plug / Approx 18g per set / 35mm shaft (52mm total length) / 2 pcs per set / removable valve core for sealant injection / Presta Valve (F/V) Standard 	4710155967405
Fratelli Tubeless Tape Shop Roll, W28mm*68m		SPANK Industries Fratelli Tape, is a special ultra-light polyamide, adhesive tubeless conversion tape, which is ideal for SPANK's patented OohBah profile rims. Thicker, less pliable tapes are often difficult or impossible when taping complex rim profiles. Fratelli tape makes tubeless set up simple, and adapts well to a variety of rim types, including sleeved and welded joints. 68m rolls are a convenient and environmental solution for mechanics and shops.	<ul style="list-style-type: none"> / Ultra Thin Polyamide / 28mm width tape suggested for rims approx. 25mm inner width / high temperature range adhesive, ideal for complex rim profiles 	4717760769745
Fratelli Tubeless Tape Shop Roll, W33mm*68m		SPANK Industries Fratelli Tape, is a special ultra-light polyamide, adhesive tubeless conversion tape, which is ideal for SPANK's patented OohBah profile rims. Thicker, less pliable tapes are often difficult or impossible when taping complex rim profiles. Fratelli tape makes tubeless set up simple, and adapts well to a variety of rim types, including sleeved and welded joints. 68m rolls are a convenient and environmental solution for mechanics and shops.	<ul style="list-style-type: none"> / Ultra Thin Polyamide / 33mm width tape suggested for rims approx. 30mm inner width / high temperature range adhesive, ideal for complex rim profiles 	4717760769752
Fratelli Tubeless Tape Shop Roll, W38mm*68m		SPANK Industries Fratelli Tape, is a special ultra-light polyamide, adhesive tubeless conversion tape, which is ideal for SPANK's patented OohBah profile rims. Thicker, less pliable tapes are often difficult or impossible when taping complex rim profiles. Fratelli tape makes tubeless set up simple, and adapts well to a variety of rim types, including sleeved and welded joints. 68m rolls are a convenient and environmental solution for mechanics and shops.	<ul style="list-style-type: none"> / Ultra Thin Polyamide / 38mm width tape suggested for rims approx. 35mm inner width / high temperature range adhesive, ideal for complex rim profiles 	4717760769769
SPANK DSC Nipple washers - 65pcs pack		SPANK Double side concave nipple washers x 65pcs for front and rear wheel build. Material: Forged stainless steel	<ul style="list-style-type: none"> / Forged stainless double side concave nipple washers increase strength fatigue life of the wheels. / Represents the minimum possible reinforcement of the nipple hole. 	4711225691992
SPANK DSC Nipple washers - 500pcs pack		SPANK Double side concave nipple washers x 500pcs are a convenient and environmental solution for master wheel builder and shops. Material: Forged stainless steel	<ul style="list-style-type: none"> / Forged stainless double side concave nipple washers increase strength fatigue life of the wheels. / Represents the minimum possible reinforcement of the nipple hole. 	4711225692005

PEDAL SERVICE











PART NAME	PHOTO	DESCRIPTION	FEATURES	EAN
SPIKE/OOZY/SPOON Pedal Pin Kit		Longer rear load pins for the outer extremities of your pedals provide ultimate durability, while shorter front load center pins create a virtual concavity in the pin pattern, increasing grip without sacrificing pedal body thinness.	<ul style="list-style-type: none"> / Compatible with SPIKE, OOZY & SPOON pedals / 28pcs rear load pins, 16pcs front load pins / Tool included 	4717760767048
SPIKE/OOZY Pedal Bushing Kit		IGUS Bushing replacements for your Spike or Oozy pedals help to eliminate any play that develops over time, and revive smooth spinning action.	<ul style="list-style-type: none"> / Compatible with SPIKE & OOZY Trail Pedals / 2pcs IGUS Self lubricating bushing / 2pcs O-Ring / 2pcs stainless shim washer 	4717760760650
SPIKE/OOZY Pedal Bearing Kit		Spank Industries has a comprehensive range of service parts. If you can't find what need, visit the Spank website Q&A for more information. Replacement inboard bearings for your Spike or Oozy pedals.	<ul style="list-style-type: none"> / Compatible with SPIKE & OOZY Trail Pedals / 2pcs sealed industrial bearings / Replacement inboard bearings for your Spike or Oozy pedals 	4717760764979
SPIKE Pedal (2011-2014) Axle Rebuild Kit		Axle rebuild kit for SPIKE and OOZY pedals (with black friction seals), produced between 2011 and 2014. Bearings must be purchased separately.	<ul style="list-style-type: none"> / Compatible with Model Year 2011 - 2014 SPIKE and OOZY Pedals / 1 set L&R axle, 2pcs IGUS bushing / 2pcs O-ring, 2pcs dust cap / 2pcs stainless shim washer / 2pcs friction seal, 2pcs lock nut 	4717760760667
SPIKE/OOZY Pedal (2015) Axle Rebuild Kit		Axle rebuild kits for SPIKE and OOZY pedals (with bright green friction seals), produced in 2015 or later. Bearings must be purchased separately.	<ul style="list-style-type: none"> / Compatible with Model Year 2015 and later SPIKE & OOZY Trail Pedals / Sealed Bearing x2pcs / 10mm IGUS Bushing x2pcs / Green Friction Seal x2pcs / Locknut / O-ring x 2pcs 	4717760764986
SPANK Crank Boot Axle Replacement Kit		Crank boots compatible axle rebuild kits for SPIKE and OOZY pedals (with bright green friction seals), produced in 2015 or later. Bearings must be purchased separately.	<ul style="list-style-type: none"> / Compatible with Model Year 2015 and later SPIKE & OOZY Trail Pedals / Crank boots compatible axle / Sealed Bearing x2pcs / 10mm IGUS Bushing x2pcs / Green Friction Seal x2pcs / Locknut / O-ring x 2pcs 	4710155969997
SPOON 90 Pedal Bearing/Bushing Kit		Replacement bearings and bushings specific to Spoon 90 (Small) pedals. Eliminates play that can develop over time, and revives performance.	<ul style="list-style-type: none"> / Compatible with SPOON 90 (Small) Pedals / Sealed Bearing x2pcs / 10mm IGUS Bushing x2pcs / Green Friction Seal x2pcs / Locknut / O-ring x 2pcs 	4717760767055
SPOON 100/110/DC Pedal Bearing/Bushing Kit		Replacement bearings and bushings specific to Spoon 100 & 110 (Medium and Large) and DC pedals. Eliminates play that can develop over time, and revives performance.	<ul style="list-style-type: none"> / Compatible with SPOON 100 (Medium), 110 (Large), & DC Pedals / Sealed Bearing x2pcs / 11mm IGUS Bushing x2pcs / Black Friction Seal x2pcs / Locknut / O-ring x 2pcs 	4717760767062

PART NAME	PHOTO	DESCRIPTION	FEATURES	EAN
SPOON 90 Pedal Axle Rebuild Kit		<p>Spank Industries has a comprehensive range of service parts. If you can't find what need, visit the Spank website Q&A for more information. All the internal parts required to completely rebuild a set of Spoon 90 pedals.</p>	<ul style="list-style-type: none"> / Compatible with SPOON 90 (Small) Pedals / Cap and O-ring x2pcs, Locknut x2pcs / Sealed Bearing x2pcs, 10mm IGUS Bushing x2pcs / Green Friction Seal x2pcs / 0.5mm Stainless Washer x2pcs, S Axle x2pcs 	4717760767079
SPOON 100/110/DC Pedal Axle Rebuild Kit		<p>All the internal parts required to completely rebuild a set of Spoon 100, 110 (Medium or Large) or DC pedals.</p>	<ul style="list-style-type: none"> / Compatible with SPOON 100 (Medium), 110 (Large), & DC Pedals / Cap and O-ring x2pcs / 2xpc each of: Locknut / Sealed Bearing / 11mm IGUS Bushing / Black Friction Seal x2pcs / 0.5mm Stainless Washer x2pcs / M/L Axle x2pcs 	4717760767086
Spank Pedals 7mm Short Pin Kit		<p>Shorter 7mm rear load pins for the outer extremities of SPOON, SPIKE, and OOZY pedals provide durability, and improved safety.</p>	<ul style="list-style-type: none"> / Compatible with SPIKE, OOZY & SPOON pedals / 28pcs rear load pins 	4710155964367

HEX DRIVE FREEHUBS












PART NAME	PHOTO	DESCRIPTION	FEATURES	EAN
HEX Rear Hub HG Alloy Freehub		Replacement Alloy HG Freehub Body, with Bite-Block technology. Weight (g): 102	/ Compatible with all HEX Rear Hubs / Not compatible with SPIKE/OOZY/SPOON hubs	4710155966811
HEX Rear Hub XD Alloy Freehub		Replacement Alloy XD Freehub Body. Weight (g): 95	/ Compatible with all HEX J-Type, Straightpull, and Gravel rear wheels / Not compatible with SPIKE/OOZY/SPOON hubs	4710155966828
HEX Rear Hub Microspline Alloy Freehub		Alloy Shimano Micro Spline Freehub Body for Hex rear hubs Material: alloy Weight (g): 98	/ Compatibility: HEX J-TYPE / HEX STRAIGHT-PULL Rear Hubs / With Spacer Ring & 4mm Alloy Universal Conversion spacer / 3 bearings	4710155967412
HEX Gravel Rear Hub HGR Alloy Freehub		Replacement Alloy HGR (HG-Road) Freehub Body, with Bite-Block Technology. Weight (g): 102	/ Includes spacer ring to also allow the use of MTB cassettes / Compatible with all HEX J-Type, Straightpull, and Gravel rear wheels / Not compatible with SPIKE/OOZY/SPOON hubs	4710155966835
HEX Gravel Rear Hub XDR Alloy Freehub		Replacement Alloy XDR (XD-Road) Freehub Body Weight (g): 95	/ Includes spacer ring to also allow the use of MTB cassettes / Compatible with all HEX J-Type, Straightpull, and Gravel rear wheels / Not compatible with SPIKE/OOZY/SPOON hubs	4710155966842
HEX Rear Hub HG Steel Freehub for Ebike		Steel HG Freehub Body for Hex rear hubs Material: Steel Weight (g): 192.5	/ Compatibility: HEX J-TYPE / HEX STRAIGHT-PULL Rear Hubs / Includes Spacer Ring, 2 bearings	4710155967566
HEX Rear Hub XD Steel Freehub for Ebike		Steel XD Freehub Body for Hex rear hubs Material: Steel Weight (g): 181	/ Compatibility: HEX J-TYPE / HEX STRAIGHT-PULL Rear Hubs / Includes Spacer Ring, dust washer, 3 bearings	4710155967559
HEX Rear Hub Microspline Steel Freehub for Ebike		Steel Shimano Microspline Freehub Body for Hex rear hubs Material: Steel Weight (g): 178.5	/ Compatibility: HEX J-TYPE / HEX STRAIGHT-PULL Rear Hubs / Includes Spacer Ring & 4mm Alloy Universal Conversion spacer, dust washer, 3 bearings	4710155967573
HEX Rear Hub SS-DJ 11T Cog Freehub		1-pcs 11T Single speed Cog for SS-DJ rear hub Material: steel Weight (g): 120 Compatibility: SS-DJ Rear Hub	/ Steel 1-pcs 11T Single speed Cog for SS-DJ Rear Hub / 3 bearings	4710155967375
HEX Rear Hub SS-DJ 13T Cog Freehub		1-pcs 13T Single speed Cog for SS-DJ rear hub Material: steel Weight (g): 132 Compatibility: SS-DJ Rear Hub	/ Steel 1-pcs 13T Single speed Cog for SS-DJ Rear Hub / 3 bearings	4710155967399

HEX HUB ADAPTERS

PART NAME	PHOTO	DESCRIPTION	FEATURES	EAN
HEX Rear Hub 12x142/148/157 Adapter		Adapts HEX J-Type 135/142 and Gravel Rear Hubs to 12x142mm. Adapts HEX J-Type R150/157 Rear Hubs to 12x157mm. Also compatible as replacement adapters for HEX J-Type and Straightpull Boost R148 Rear Hubs. Compatible with all HEX Freehub Bodies.	/ Compatible with all HEX J-Type 135/142, 150/157, and Boost 148 Rear Wheels. / Compatible with HEX Straightpull Boost 148 Rear Wheels / Compatible with HEX J-Type Gravel Rear Wheels / Not compatible with SPIKE/00ZY/SPOON hubs	4710155966651
HEX Rear Hub 12x135/150 Adapter		Adapts HEX J-Type 135/142 and Gravel Rear Hubs to 12x135mm. Adapts HEX J-Type 150/157 Rear Hubs to 12x150mm. Compatible with all HEX Freehub Bodies.	/ Compatible with HEX J-Type 135/142, and 150/157 Rear Wheels / Compatible with HEX Gravel Rear Wheels / Not compatible with HEX Straightpull Boost Rear Wheels / Not compatible with SPIKE/00ZY/SPOON hubs	4710155966668
HEX Rear Hub QRx135/141 Adapter		Adapts HEX J-Type 135/142 and Gravel Rear Hubs to QRx135. Adapts HEX J-Type & Straightpull Boost 148 Rear Hubs to Boost QRx141. Compatible with all HEX Freehub Bodies.	/ Compatible with HEX J-Type 135/142 and Gravel Rear Wheels / Compatible with HEX Straightpull Boost Rear Wheels / Not compatible with SPIKE/00ZY/SPOON hubs	4710155966675
HEX Rear Hub 10x135 Adapter		Adapts HEX J-Type 135/142 and Gravel Rear Hubs to 10x135. Compatible with all HEX Freehub Bodies.	/ Compatible with HEX J-Type 135/142 and Gravel Rear Wheels / Not compatible with HEX Straightpull Boost or J-Type Boost Rear Wheels / Not compatible with HEX J-Type 150/157 Rear Wheels / Not compatible with SPIKE/00ZY/SPOON hubs	4710155966682
HEX Ø32 Front Hub QRx100 Adapter		Adapts HEX Ø32 J-Type F15/20 Front Hubs to QRx100. Not compatible with HEX Ø28 Straightpull or HEX Gravel Front Hubs.	/ Compatible with HEX J-Type 32H non-Boost Front Wheels / Not compatible with HEX Straightpull or Gravel Front Wheels (see HEX Ø28 front hub adapters) / Not compatible with SPIKE/00ZY/SPOON hubs	4710155966699
HEX Ø32 Front Hub 15x100/110 Adapter		Adapts HEX Ø32 J-Type Front Hubs to 15x100. Also compatible as replacement 15x110 adapters for HEX Ø32 J-Type Boost Front Hubs. Not compatible with HEX Ø28 Straightpull or HEX Gravel Front Hubs.	/ Compatible with HEX J-Type 32H Boost and non-Boost Front Wheels / Not compatible with HEX Straightpull or Gravel Front Wheels (see HEX Ø28 front hub adapters) / Not compatible with SPIKE/00ZY/SPOON hubs	4710155966705
HEX Ø32 Front Hub 20x110 Adapter		Adapts HEX Ø32 J-Type F15/20 Front Hubs to 20x110. Not compatible with HEX Ø32 J-Type Boost Front Hubs. Not compatible with HEX Ø28 Straightpull or HEX Gravel Front Hubs.	/ Compatible with HEX J-Type 32H non-Boost Front Wheels / Not compatible with HEX Straightpull or Gravel Front Wheels (see HEX Ø28 front hub adapters) / Not compatible with SPIKE/00ZY/SPOON hubs	4710155966712
HEX Ø32 Front Hub 12x100 Adapter		Adapts HEX Ø32 J-Type F15/20 Front Hubs to 12x100. Not compatible with HEX Ø28 Straightpull or HEX Gravel Front Hubs.	/ Compatible with HEX J-Type 32H non-Boost Front Wheels / Not compatible with HEX Straightpull or Gravel Front Wheels (see HEX Ø28 front hub adapters) / Not compatible with SPIKE/00ZY/SPOON hubs	4710155966729
HEX Ø32 Boost Front Hub Boost 20x110 Adapter		Adapts HEX Ø32 J-Type Boost Front Hubs to Boost 20x110. Not compatible with Non-Boost hubs. Not compatible with HEX Ø28 Straightpull or Gravel Front hubs.	/ Compatible with HEX J-Type 32H Boost Front Wheels / Not compatible with HEX Straightpull or Gravel Front Wheels (see HEX Ø28 front hub adapters) / Not compatible with SPIKE/00ZY/SPOON hubs	4710155966736
HEX Ø32 Boost Front Hub Torque Caps Adapter		15x110 Torque Cap Adapters for HEX Ø32 J-Type Boost Front Hubs. Not compatible with Non-Boost hubs. Not compatible with HEX Ø28 Straightpull or Gravel Front hubs.	/ Compatible with HEX J-Type 32H Boost Front Wheels / Not compatible with HEX Straightpull or Gravel Front Wheels (see HEX Ø28 front hub adapters) / Not compatible with SPIKE/00ZY/SPOON hubs	4710155966743









PART NAME	PHOTO	DESCRIPTION	FEATURES	EAN
HEX Ø28 Front Hub QRx100 Adapter		Adapts HEX Ø28 Gravel Front Hubs to QRx100. Not compatible with HEX Ø28 Straightpull or HEX Ø32 J-Type Front Hubs.	<ul style="list-style-type: none"> / Compatible with HEX Gravel J-Type Front Wheels / Not compatible with HEX Straightpull or HEX J-Type 32H Front Wheels / Not compatible with Boost front wheels / Not compatible with SPIKE/00ZY/SPOON hubs 	4710155966750
HEX Ø28 Front Hub 12x100 Adapter		Replacement 12x100 Adapters for HEX Ø28 Gravel Front Hubs. Not compatible with HEX Ø32 J-Type or Ø28 Straightpull Front Hubs.	<ul style="list-style-type: none"> / Compatible with HEX Gravel J-Type Front Wheels / Not compatible with HEX Straightpull or HEX J-Type 32H Front Wheels / Not compatible with Boost front wheels / Not compatible with SPIKE/00ZY/SPOON hubs 	4710155966767
HEX Ø28 Front Hub 15x100/110 Adapter		Adapts HEX Ø28 Gravel Front Hubs to 15x100. Also compatible as replacement 15x110 adapters for HEX Ø28 Straightpull Boost Front Hubs. Not compatible with HEX Ø32 J-type Front Hubs.	<ul style="list-style-type: none"> / Compatible with HEX Gravel J-Type Front Wheels / Compatible with HEX Straightpull 28H Front Wheels / Not compatible with HEX J-Type 32H Front Wheels / Not compatible with SPIKE/00ZY/SPOON hubs 	4710155966774
HEX Ø28 Boost Front Hub Torque Caps Adapter		15x110 Torque Cap Adapters for HEX Ø28 Straightpull Boost Front Hubs. Not compatible with Non-Boost hubs. Not compatible with HEX Ø32 J-Type or HEX Gravel Front hubs.	<ul style="list-style-type: none"> / Compatible with HEX Straightpull 28H Front Wheels / Not compatible with HEX Gravel or J-Type 32H Front Wheels / Not compatible with SPIKE/00ZY/SPOON hubs 	4710155966781
HEX Ø32 Front Hub Boost 15x110 Conversion Kit		Converts Non-Boost HEX Ø32 J-type Front Hubs to Boost 15x110. Not compatible with HEX Ø28 Gravel or Straightpull Front Hubs.	<ul style="list-style-type: none"> / Compatible with HEX J-Type 32H non-Boost Front Wheels / Not compatible with HEX Straightpull or Gravel Front Wheels / Not compatible with SPIKE/00ZY/SPOON hubs 	4710155966798
HEX Ø32 Front Hub Boost 20x110 Conversion Kit		Converts Non-Boost HEX Ø32 J-type Front Hubs to Boost 20x110. Not compatible with HEX Ø28 Gravel or Straightpull Front Hubs.	<ul style="list-style-type: none"> / Compatible with HEX J-Type 32H non-Boost Front Wheels / Not compatible with HEX Straightpull or Gravel Front Wheels / Not compatible with SPIKE/00ZY/SPOON hubs 	4710155966804




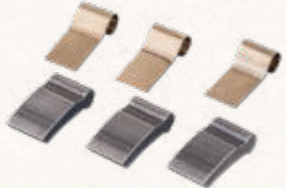




HEX HUB SERVICE PARTS



PART NAME	PHOTO	DESCRIPTION	FEATURES	EAN
HEX Ø28 Front Hub Replacement Bearing Kit		Bearing Replacement Kit for HEX Ø28 Straightpull and Gravel Front Hubs	<ul style="list-style-type: none"> / Includes 2 x #6902 / Compatible with HEX Gravel and Straightpull front wheels / Not compatible with HEX J-Type 32H front wheels / Not compatible with SPIKE/00ZY/SPOON hubs 	4710155969249
HEX Ø32 Front Hub Replacement Bearing Kit		Bearing Replacement Kit for HEX Ø32 J-Type Front Hubs	<ul style="list-style-type: none"> / Includes 2 x #6804 / Compatible with HEX J-Type 32H front wheels / Not compatible with HEX Straightpull or Gravel front wheels / Not compatible with SPIKE/00ZY/SPOON hubs 	4710155969256
HEX Boost Rear Hub Alloy Axle Shaft		Replacement Alloy Axle Shaft for HEX J-Type and Straightpull Boost 148mm Rear Hubs	<ul style="list-style-type: none"> / Compatible with HEX J-Type 32H and Straightpull Boost 148mm rear wheels / Not compatible with non-Boost HEX rear wheels / Not compatible with SPIKE/00ZY/SPOON hubs 	4710155966897
HEX Rear Hub 135/142mm Alloy Axle Shaft		Replacement Alloy Axle Shaft for HEX J-Type & Gravel 135/142mm Rear Hubs.	<ul style="list-style-type: none"> / Compatible with HEX J-Type and Gravel 135/142 rear wheels / Not compatible with Boost or 150/157 rear wheels / Not compatible with SPIKE/00ZY/SPOON hubs 	4710155966903
HEX Rear Hub 150/157mm Alloy Axle Shaft		Replacement Alloy Axle Shaft for HEX J-Type 150/157mm Rear Hubs.	<ul style="list-style-type: none"> / Compatible with HEX J-Type 150/157 rear wheels / Not compatible with Boost or 135/142 rear wheels / Not compatible with SPIKE/00ZY/SPOON hubs 	4710155966910
HEX Rear Hub Replacement Bearing Kit HG/HGR		Bearing Replacement Kit for all HEX Rear Hubs using HG & HGR Freehub Bodies.	<ul style="list-style-type: none"> / Includes 1 x #6902, 1 x #6903, 2 x #17287 / Compatible with all HEX J-Type, Straightpull, and Gravel, HG & HGR freehub equipped rear wheels / Not compatible with SPIKE/00ZY/SPOON hubs 	4710155969225
HEX Rear Hub Replacement Bearing Kit XD/XDR/Microspline		Bearing Replacement Kit for all HEX Rear Hubs using XD & XDR & Microspline Freehub Bodies.	<ul style="list-style-type: none"> / Includes 1 x #6902, 1 x #6903, 3 x #6803 / Compatible with all HEX J-Type, Straightpull, and Gravel, XD & XDR freehub equipped rear wheels / Not compatible with SPIKE/00ZY/SPOON hubs 	4710155969232
HEX Drive Freehub Pawl service kit		Replacement XD/XDR/HG/HGR freehub Pawls & Spings & Pawl Cap	<ul style="list-style-type: none"> / Compatibility: HEX Drive XD/XDR/HG/HGR freehubs / Includes 6 x pawls, 6 x spring and 1 x Pawl cap for service 	4710155967528
HEX Drive Microspline Freehub Pawl service kit		Replacement Microspline freehub Pawls & Spings & Pawl Cap	<ul style="list-style-type: none"> / Compatibility: Hex Drive Microspline freehub / Includes 6 x pawls, 6 x spring and 1 x Pawl cap for service 	4710155967511
HEX Rear Hub HG/HGR Replacement Seal Kit		Replacement HEX Rear Hub Seal Kit	<ul style="list-style-type: none"> / Compatibility: HEX Drive HG/HGR Rear hub / Includes 1 x Driver side seal, 1 x non-driver side seal, and 1 x freehub body seal 	4710155967535
HEX Rear Hub XD/XDR/Microspline Replacement Seal Kit		Replacement HEX Rear Hub Seal Kit	<ul style="list-style-type: none"> / Compatibility: HEX Rear Hub XD/XDR/Microspline Rear hub / Includes 1 x Driver side seal ,1 x non-driver side seal, and 1 x dust washer 	4710155967542

SPIKE & OOZY HUB ADAPTERS & SERVICE

PART NAME	PHOTO	DESCRIPTION	FEATURES	EAN
OOZY / SPIKE Front Hub 20x110mm Adaptor		20x110 Adapter Caps for non-Boost SPIKE F20/15 or OOZY F15/20 or 2021 SPOON J-Type Front Hubs. Material: alloy Weight (g): 35 Compatibility: OOZY/SPIKE/2021 SPOON J-Type Front Hub	/ Converts SPIKE F20/15 or OOZY F15/20 Front Hubs to 20x110mm / Compatible with all OOZY hubs and wheels / Compatible only with SPIKE and SPOON wheels produced in 2016 or later (with SPIKE hubs)	4717760761701
OOZY / SPIKE Front Hub QR Adaptor		QRx100 Adapter Caps for SPIKE F20/15 or OOZY F15/20 or 2021 SPOON J-Type front hubs, allowing use with 5mm Quick Release skewers. Material: alloy Weight (g): 35 Compatibility: OOZY/SPIKE/2021 SPOON J-Type Front Hubs	/ Converts SPIKE F20/15 or OOZY F15/20 Front Hubs to quick release / Compatible with all OOZY hubs and wheels / Compatible only with SPIKE and SPOON wheels produced in 2016 or later (with SPIKE hubs)	4717760767291
OOZY / SPIKE Front Hub 15x100mm Adaptor		Replacement 15x100 Adapter Caps for non-Boost SPIKE F20/15, OOZY F15/20 and 2021 SPOON J-Type front hubs. Material: alloy Weight (g): 35 Compatibility: OOZY/SPIKE/2021 SPOON J-Type Front Hubs	/ Converts SPIKE F20/15 or OOZY F15/20 Front Hubs to 15x100mm / Compatible with all OOZY hubs and wheels / Compatible only with SPIKE and SPOON wheels produced in 2016 or later (with SPIKE hubs)	4717760767321
OOZY / SPIKE Front Hub 15x110mm BOOST Conversion Kit		Adapts any non-Boost SPIKE or OOZY front hub (15x100, 20x110), to fit with Boost (15x110) forks. Left and right hub adapter caps, 5mm brake rotor spacer, and 6 extra-long brake rotor bolts included. Compatible with all OOZY front wheels. Compatible only with SPIKE and SPOON front wheels produced in 2016 or later (with Spike Hubs). Material: alloy Weight (g): ±76 Compatibility: OOZY/SPIKE/2021 SPOON J-Type Front Hubs	/ Adapts any non-Boost SPIKE or OOZY front hub (15x100, 20x110), to fit with Boost (15x110) forks / Left and right hub adapter caps, 5mm brake rotor spacer, and 6 extra-long brake rotor bolts included / Compatible with all OOZY front wheels. Compatible only with SPIKE and SPOON front wheels produced in 2016 or later (with Spike Hubs)	4717760769684
OOZY / SPIKE Front Hub BOOST20 Adaptor		Adapts any SPIKE Boost or OOZY Boost front hub (15x110mm), to "Boost 20x110" standard, allowing fit with 20mm thru-axle Boost forks. Material: alloy Weight (g): ±26 Compatibility: OOZY/SPIKE/SPOON J-Type Boost Front Hubs	/ Adapts any SPIKE Boost or OOZY Boost front hub (15x110mm), to "Boost 20x110" standard / Allows fit with 20mm thru-axle Boost forks / Compatible with all SPIKE Boost and OOZY Boost front hubs	4717760769691
OOZY / SPIKE Front Hub BOOST 20x110mm Conversion Kit		Converts any non-Boost SPIKE or OOZY front hub (15x100, 20x110), to fit with "Boost 20x110" forks. Left and right 20x110mm hub adapter caps, 5mm brake rotor spacer, and 6 extra-long brake rotor bolts included. Compatible with all OOZY front wheels. Compatible only with SPIKE and SPOON front wheels produced in 2016 or later (with Spike Hubs). Material: alloy Weight (g): ±76 Compatibility: OOZY/SPIKE/SPOON J-Type Front Hubs	/ Converts any non-Boost SPIKE or OOZY front hub (15x100, 20x110), to fit with "Boost 20x110" forks / Left and right hub adapter caps, 5mm brake rotor spacer, and 6 extra-long brake rotor bolts included / Compatible with all OOZY front wheels. Compatible only with SPIKE and SPOON front wheels produced in 2016 or later (with Spike Hubs)	4710155961113
OOZY / SPIKE Rear Hub QRx135/141 Adaptor		Adapts HG freehub equipped non-Boost SPIKE R135/142 hubs and non-Boost OOZY R142/135 rear hubs to QRx135, for use with 5mm Quick Release skewers. Also compatible with Boost SPIKE and OOZY rear hubs, to adapt to Boost QRx141mm. Material: alloy Weight (g): 15 Compatibility: OOZY/SPIKE 135/142mm Rear Hubs	/ Converts SPIKE R135/142 or OOZY Trail R142/135 Rear Hubs to QRx135mm / For use with traditional 5mm diameter QR skewers / Compatible with all OOZY hubs and wheels. Compatible only with SPIKE and SPOON (135mm) wheels produced in 2016 or later (with SPIKE hubs)	4717760766294

PART NAME	PHOTO	DESCRIPTION	FEATURES	EAN
OOZY / SPIKE Rear Hub QRx135/141 XD Adaptor		Adapts XD freehub equipped SPIKE R135/142 or OOZY Trail R142/135 Rear Hubs to QRx135mm. Also compatible with Spike and Oozy Boost 148 rear hubs (equipped with XD freehub) to adapt to Boost QRx141mm. For use with traditional 5mm diameter QR skewers. Compatible with all OOZY XD hubs and wheels. Compatible only with SPIKE and SPOON (135mm) XD wheels produced in 2016 or later (with SPIKE hubs). Material: alloy Weight (g): 15 Compatibility: OOZY/SPIKE 135/142mm XD Freehub equipped Rear Hubs	/ Adapts XD freehub equipped SPIKE R135/142 or OOZY Trail R142/135 Rear Hubs to QRx135mm / Compatible with Spike and Oozy Boost 148 rear hubs (equipped with XD freehub) to adapt to Boost QRx141mm / For use with traditional 5mm diameter QR skewers / Compatible with all OOZY XD hubs and wheels. Compatible only with SPIKE and SPOON (135mm) XD wheels produced in 2016 or later (with SPIKE hubs)	4710155961120
OOZY / SPIKE Rear Hub 12x135mm Adaptor		Adapts HG freehub equipped SPIKE R135/142 or OOZY R142/135 rear hubs to 12x135. Material: alloy Weight (g): 12 Compatibility: OOZY/SPIKE 135/142mm Rear Hubs	/ Converts SPIKE R135/142 or OOZY Trail R142/135 Rear Hubs to 12x135mm / Compatible with all OOZY hubs and wheels / Compatible only with SPIKE and SPOON (135mm) wheels produced in 2016 or later (with SPIKE hubs)	4717760766317
OOZY / SPIKE Rear Hub 10x135mm Adaptor		Adapts HG freehub equipped SPIKE R135/142 or OOZY Trail R142/135 Rear Hubs to 10x135mm. Material: alloy Weight (g): 12 Compatibility: OOZY/SPIKE 135/142mm Rear Hubs	/ Converts SPIKE R135/142 or OOZY Trail R142/135 Rear Hubs to 12x135mm / Compatible with all OOZY hubs and wheels / Compatible only with SPIKE and SPOON (135mm) wheels produced in 2016 or later (with SPIKE hubs)	4717760766300
OOZY / SPIKE Rear Hub 12x142mm Adaptor		Replacement 12x142mm Adapter Caps for HG freehub equipped SPIKE R135/142 or OOZY Trail R142/135 Rear Hubs. Material: alloy Weight (g): 15 Compatibility: OOZY/SPIKE 135/142mm Rear Hubs	/ Converts SPIKE R135/142 or OOZY Trail R142/135 Rear Hubs to 12x142mm / Compatible with all OOZY hubs and wheels / Compatible only with SPIKE and SPOON (135mm) wheels produced in 2016 or later (with SPIKE hubs)	4717760766324
SPIKE DH Rear Hub 12x157mm Adaptor		Adapts HG Freehub equipped SPIKE R150/157 rear hubs to 12x157mm. Material: alloy Weight (g): 14 Compatibility: SPIKE DH 12x150mm Rear Hubs	/ Converts SPIKE DH R150 Rear Hubs to 12x157mm / Compatible only with SPIKE and SPOON (150mm) wheels produced in 2015 or later (with SPIKE hubs) / Alloy Hub	4717760766331
OOZY / SPIKE Rear Hub 135/142mm Steel Axle Shaft		Replacement Steel Axle Shaft for SPIKE R135/142 rear hubs. Also compatible with OOZY R142/135 rear hubs. Material: steel Weight (g): 71 Compatibility: OOZY/SPIKE 135/142mm Rear Hubs	/ Replacement Steel Axle Shaft for SPIKE R135/142 Rear Hubs / Also compatible with OOZY Trail R142/135 Rear Hubs / Alloy axle shaft	4717760766355
SPIKE DH Rear Hub 150/157mm Steel Axle Shaft		Replacement Steel Axle Shaft for SPIKE DH R150/157 Rear Hubs. Not compatible with 135/142, or Boost 148 hubs. Material: steel Weight (g): 81 Compatibility: SPIKE DH 12x150mm / 12x157mm Rear Hubs	/ Replacement Steel Axle Shaft for SPIKE DH R150/157 Rear Hubs / Compatible with 12x150mm hubs and those already converted to 12x157mm / Steel axle shaft	4717760766379
OOZY / SPIKE Boost Rear Hub 148mm Steel Axle Shaft		Replacement Steel Axle Shaft for Spike Boost R148 and Oozy Boost R148 Rear hubs. Material: Steel Weight (g): ±81 Compatibility: SPIKE Boost R148 and OOZY Boost R148 Rear Hubs	/ Replacement Steel Axle Shaft for Spike Boost R148 and Oozy Boost R148 Rear hubs	4710155960550

PART NAME	PHOTO	DESCRIPTION	FEATURES	EAN
OOZY / SPIKE 142/135 Rear Hub Bearing Kit		Replacement bearings for OOZY Trail R142/135, OOZY Trail Boost R148, SPIKE R135/142 or 2021 SPOON J-type Rear Hubs.	<ul style="list-style-type: none"> / Replacement bearings for OOZY Trail R142/135, OOZY Trail Boost R148, or SPIKE R135/142 Rear Hubs / Compatible with all OOZY hubs and wheels / Compatible only with SPIKE and SPOON wheels (135mm) produced in 2016 or later (with SPIKE hubs) 	4717760766430
Single Speed Conversion Kit		Converts all HG freehub equipped SPANK rear hubs to single speed. Includes 13T steel cog, lockring, and 2 alloy spacer rings. Material: Steel Cog & Lockring / Alloy Spacer Rings Compatibility: SPANK Rear Hubs	<ul style="list-style-type: none"> / Converts SPANK HG Freehub equipped Rear Hubs to single speed / Top choice for slopestyle and dirt jump bikes / Steel Cog and Lockring, with alloy Spacer Rings 	4717760761244
SPANK 12 to 10mm Step-Down Bolt-On Axle		12mm alloy thru-axle, with 10mm shoulders, converts any 12x135mm SPANK rear hub to bolt-on standard, for use with 10x135 horizontal dropout frames. Also compatible with vertical QR frames, to convert to bolt-on. Bolts can also be removed, and axle used with 5mm QR skewer, to stiffen assembly. Material: Alloy Axle and Caps, Steel Bolts Weight (g): 62 Compatibility: SPANK 12x135/142 Rear Hubs	<ul style="list-style-type: none"> / Converts Spank 12x135/142mm Rear Hubs to 10x135mm Bolt-On, or Quick Release, without additional adapters / 12mm outer diameter axle, with 10mm shoulders allows fitting standard hubs with horizontal dropout frames / Strong and light weight 7-series alloy female axle, with alloy protective caps, and steel M6 bolts / Also compatible with 5mm Quick Release Skewers 	4710155963636
OOZY / SPIKE Rear Hub 3 Pawl & Spring Kit		3 Pawl and Spring replacement for OOZY Trail R142/135, OOZY Trail Boost R148, SPIKE R135/142, and SPIKE R150/157 Rear Hubs. Material: steel Weight (g): 5 Compatibility: SPIKE/OOZY Rear Hubs	<ul style="list-style-type: none"> / 3 Pawl and Spring replacement for OOZY Trail R142/135, OOZY Trail Boost R148, SPIKE R135/142, and SPIKE R150/157 Rear Hubs / Compatible with all OOZY hubs and wheels / Compatible only with SPIKE and SPOON wheels (135mm and 150mm) produced in 2016 or later (with SPIKE hubs) 	4717760761749
OOZY / SPIKE Rear Hub Steel Shimano HG Freehub & Adaptor Kit		Steel Shimano HG Standard Freehub Body for SPIKE/OOZY rear hubs. Material: steel Weight (g): 158g Compatibility: SPIKE/OOZY Rear Hubs	<ul style="list-style-type: none"> / Steel Shimano HG Standard Freehub Body for SPIKE/OOZY rear hubs. / Includes Shimano HG specific right side adapters for QRx135, QRx141, 12x135, 12x150, 12x142, 12x148, 12x157 standards / Compatible with all OOZY hubs and wheels / Compatible only with SPIKE and SPOON wheels (135mm and 150mm) produced in 2016 or later (with SPIKE hubs) / Added durability and confidence of steel 	4710155963605
OOZY / SPIKE Rear Hub Steel XD Std Freehub		Steel SRAM XD Standard Freehub body for SPIKE/OOZY rear hubs. Material: steel Weight (g): 157 Compatibility: SPIKE/OOZY Rear Hubs	<ul style="list-style-type: none"> / Steel SRAM XD Standard Freehub body for OOZY Trail R142/135, OOZY Trail Boost R148, SPIKE R135/142, or SPIKE DH R150/157 Rear hubs / Compatible with all OOZY hubs and wheels / Compatible only with SPIKE and SPOON wheels (135mm and 150mm) produced in 2016 or later (with SPIKE hubs) 	4717760766416
OOZY / SPIKE Rear Hub Steel Microspline Freehub Kit		Steel Shimano Micro Spline Freehub Body for SPIKE & OOZY rear hubs Material: Steel Weight (g): 162.5 Includes: R142/148/157 Adaptor and spacer Compatibility: SPIKE/OOZY 142/148/157 Rear Hubs	<ul style="list-style-type: none"> / Steel Shimano Microspline Freehub body for OOZY Trail R142/148/157, or SPIKE R142/148/157 Rear hubs / Added durability and confidence of steel 	4710155967597
SPOON 2021 J-Type Rear Hub QRx135/141 Adaptor		Adapts HG freehub equipped non-Boost SPOON 2021 J-Type R135/142 rear hubs to QRx135, for use with 5mm Quick Release skewers. Also compatible with Boost SPOON 2021 rear hubs, to adapt to Boost QRx-141mm. Material: alloy Weight (g): 15	<ul style="list-style-type: none"> / Compatibility: SPOON 2021 J-Type Rear Hubs / Converts SPOON 2021 R135/142 hubs to QRx135 & Boost SPOON 2021 rear hubs, to adapt to Boost QRx141mm. / Compatible with all SPOON rear wheels produced in 2021 or later. 	4711225691978

PART NAME	PHOTO	DESCRIPTION	FEATURES	EAN
SPOON 2021 J-Type Rear Hub 12x135 Adaptor		Adapts HG freehub equipped SPOON 2021 J-Type R135/142 rear hubs to 12x135. Material: alloy Weight (g): 12	<ul style="list-style-type: none"> / Compatibility: SPOON 2021 J-Type R135/142 rear hubs / Converts SPOON 2021 R135/142 Rear Hubs to 12x135mm / Compatible with all SPOON Non-boost rear wheels produced in 2021 or later. 	4711225691985
SS-DJ Rear / SPIKE / OOZY 135/142/148mm XD Rear Hub Bearing Kit		Replacement bearings for SPANK SS-DJ, SPIKE/OOZY R135/142/148 XD Rear Hubs. Material: steel Weight (g): 76 Compatibility: SPANK SS-DJ, SPIKE/OOZY R135/142/148 XD Rear Hubs	<ul style="list-style-type: none"> / Replacement bearings for SPANK SS-DJ, SPIKE/OOZY R135/142/148 XD Rear Hubs / Compatible with all SPANK SS-DJ, OOZY/SPIKE XD hubs and wheels / Compatible only with SPIKE and SPOON wheels (135mm) produced in 2016 or later (with SPIKE hubs) 	4711225691961

SPANK

I N D U S T R I E S



//DESIGN
//MANUFACTURE
//RIDE