RITCHEY

2016



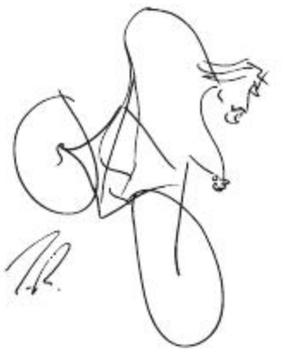
RITCHEY®

Tom Ritchey spent the past 40 years developing world-class bicycles and components—but he hasn't done it alone. He's had help from some of the fastest riders in the world.

In the beginning Tom relied on his own racing, but then in the in 1990's, he joined forces with World Cup mountain bike racing ace Thomas Frischknecht. When Frischi retired from racing with more World Cup medals to his name than some teams, we started working with a promising young racer named Nino Schurter, who's already racked up three World XC Championships, three-time UCI World Cup overall wins and two Olympic medals.

But we don't sponsor riders like Frischi and Nino because they win. We sponsor them because they make us work harder. They ride and race our new designs and provide honest feedback. When we miss the mark, they let us know and we go back to the drawing board. We keep doing this until Frischi and Nino tell Tom Ritchey that we got it right.

We love winning. But we love getting our designs right even more.



RITCHEY®


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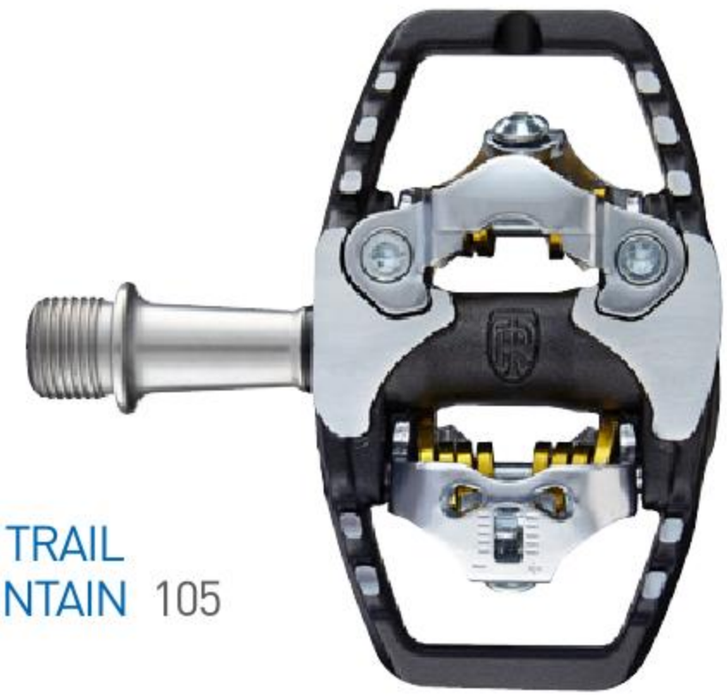

# NEW FOR 2016

## TIMBERWOLF 6

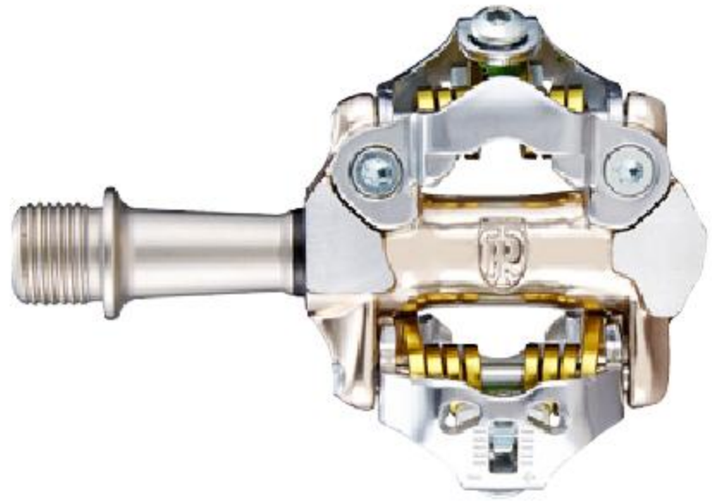


## ASCENT AND BREAK-AWAY® ASCENT 7





## WCS TRAIL MOUNTAIN 105



## WCS XC MOUNTAIN 104

# NEW FOR 2016

APEX 38MM DISC AND RIM BRAKE CLINCHER WHEELS 25



BARKEEPER LEVER 110



TRAIL BITE AND DRIVE TIRES 34



# TIMBERWOLF™

**NEW FOR 2016**

Few can claim to have played a bigger hand in the evolution of the mountain bike than Tom Ritchey. And he's still at it.

The original Timberwolf debuted in 1984 as Tom's answer to the growing demand for a mountain bike that could handle more of anything. Reborn 30 years later, the Timberwolf is a hardtail incarnation of an all-mountain trail bike that can shred anything you throw at it. Designed around 650b wheels, the Timberwolf is agile and fluid whether bushwacking the mountainside or carving single track. It's the bike we can't stop riding.

- Optimized for 140mm travel fork
- Forged and machined tapered head tube---lighter than standard integrated designs
- Trail specific geometry to handle a more aggressive terrain and riding
- Rear dropout convertible between 142x12 and Standard QR versions (ships with 142x12 + axle)
- 30.9 seat tube with internal dropper post routing
- Fits tires up to 2.4"

| FRAME SIZE | S (15") | M (17") | L (19") |
|---|---|---|---|
| TOP TUBE (EFFECTIVE) | 570MM | 585MM | 610MM |
| TOP TUBE (ACTUAL) | 551MM | 558MM | 580MM |
| SEAT TUBE (C-T) | 375MM | 425MM | 480MM |
| SEAT TUBE ANGLE | 72° | 71.5° | 71.5° |
| HEAD TUBE ANGLE | 67° | 67° | 67° |
| BB DROP | 40MM | 40MM | 40MM |
| CHAINSTAY | 432MM | 432MM | 432MM |
| WHEELBASE | 1087MM | 1098MM | 1124MM |
| HEAD TUBE LENGTH | 100MM | 115MM | 130MM |
| STACK | 578MM | 592MM | 605MM |
| REACH | 381MM | 386MM | 406MM |
| STANDOVER | 735MM | 771MM | 807MM |
| AXLE TO CROWN | 496MM | 496MM | 496MM |
| FORK RAKE | 44MM | 44MM | 44MM |
| POST DIAMETER | 30.9MM | 30.9MM | 30.9MM |

FRONT DERAILLEUR CLAMP: 34.9MM / REQUIRES HEADSET WCS 1 1/8" DROP IN UPPER AND 1 1/2" WCS DROP IN LOWER HEADSET ASSEMBLY






See enduro rider Marc Cerdan put the Timberwolf through its paces.

# ASCENT™ AND BREAK-AWAY® ASCENT™

**NEW FOR 2016**

- Whether a daily commute or a trans-continental expedition, the Ascent is built for adventure. Capable of fitting 650b mountain tires, 700c road tires or anything in between, there is little this bike cannot do. Available in four sizes, the Ascent is perfectly paired with the Zeta II disc and a set of EvoMax bars for the most versatile, capable Ritchey ever.
- Designed as a do-it-all adventure bike with a full complement of mounts
- Ritchey forged and machined 1 1/8" integrated head tube
- Ritchey design CrMo fork with lowrider, rack and fender mounts
- Available in Break-Away version
- Fits tires up to 650x2.1" (mountain) or 700x 40c (cross)
- Headset included

| FRAME SIZE | XS | S | M | L | XL |
|---|---|---|---|---|---|
| EFFECTIVE FRAME SIZE | 15" | 16.5" | 17.5" | 19.5" | 21" |
| TOP TUBE (EFFECTIVE) | 532MM | 548MM | 564MM | 581MM | 598MM |
| TOP TUBE (ACTUAL) | 513MM | 526MM | 542MM | 557MM | 573MM |
| SEAT TUBE (C-T) | 425MM | 450MM | 475MM | 500MM | 525MM |
| SEAT TUBE ANGLE | 74° | 73.5° | 73.5° | 73° | 73° |
| HEAD TUBE ANGLE | 70° | 70° | 70.5° | 70.5° | 71° |
| BB DROP | 68MM | 68MM | 68MM | 68MM | 68MM |
| CHAINSTAY | 445MM | 445MM | 445MM | 445MM | 445MM |
| WHEELBASE | 1043MM | 1055MM | 1067MM | 1080MM | 1093MM |
| HEAD TUBE LENGTH | 115MM | 130MM | 150MM | 170MM | 190MM |
| STACK | 549MM | 563MM | 584MM | 603MM | 624MM |
| REACH | 373MM | 380MM | 390MM | 396MM | 407MM |
| STANDOVER | 734MM | 754MM | 776MM | 798MM | 821MM |
| AXLE TO CROWN | 410MM | 410MM | 410MM | 410MM | 410MM |
| FORK RAKE | 52MM | 52MM | 52MM | 52MM | 52MM |
| POST DIAMETER | 27.2MM | 27.2MM | 27.2MM | 27.2MM | 27.2MM |

FRONT DERAILLEUR CLAMP: 28.6MM




Photo by Brian Vernor


RITCHEY

# SWISS CROSS™ DISC



The Swiss Cross Disc blends our cyclocross racing heritage with up-to-date geometry and tubing, and as always, the sweet, perfectly balanced ride that Ritchey is known for.

- Handmade to Tom Ritchey's exacting standards
- Heat treated, triple-butted Ritchey Logic II™ CrMo steel tubing throughout
- Forged and machined head tube with integrated cups for use with drop-in headsets – lighter and stronger than a standard head tube
- Straight carbon steer tube with optimized layup for stiffness under braking forces without excessive harshness
- Ritchey WCS Carbon disc cross fork, painted to match
- Full length housing stops for use with cable or hydraulic brakes
- Front: 140/160mm rotor compatible; Rear: 160mm rotor compatibility
- Ritchey socket dropouts
- 135mm rear spacing
- Room for tires up to 38c tires
- WCS headset included
- Sizes 49, 51, 53, 55, 57 and 59cm

| FRAME SIZE | 49CM | 51CM | 53CM | 55CM | 57CM | 59CM |
|---|---|---|---|---|---|---|
| TOP TUBE (EFFECTIVE) | 515MM | 527MM | 540MM | 555MM | 568MM | 580MM |
| TOP TUBE (ACTUAL) | 503MM | 513MM | 527MM | 540MM | 553MM | 564MM |
| SEAT TUBE (C-T) | 460MM | 475MM | 495MM | 515MM | 535MM | 555MM |
| SEAT TUBE ANGLE | 74.5° | 74.0° | 74.0° | 73.5° | 73.5° | 73.0° |
| HEAD TUBE ANGLE | 71.0° | 71.5° | 71.5° | 72.0° | 72.0° | 72.0° |
| BB DROP | 63MM | 63MM | 63MM | 63MM | 63MM | 63MM |
| CHAINSTAY | 425MM | 425MM | 425MM | 425MM | 425MM | 425MM |
| HEAD TUBE LENGTH | 100MM | 115MM | 130MM | 150MM | 170MM | 190MM |
| STACK | 528MM | 544MM | 558MM | 579MM | 598MM | 617MM |
| REACH | 368M | 371MM | 380MM | 383MM | 391MM | 391MM |
| STANDOVER | 756MM | 771MM | 787MM | 807MM | 826MM | 845MM |
| AXLE TO CROWN | 400MM | 400MM | 400MM | 400MM | 400MM | 400MM |
| FORK RAKE | 45MM | 45MM | 45MM | 45MM | 45MM | 45MM |
| POST DIAMETER | 27.2MM | 27.2MM | 27.2MM | 27.2MM | 27.2MM | 27.2MM |

FRONT DERAILLEUR CLAMP: 28.6MM



# SWISS CROSS™




| FRAME SIZE | 49CM | 51CM | 53CM | 55CM | 57CM | 59CM |
|---|---|---|---|---|---|---|
| TOP TUBE (EFFECTIVE) | 515MM | 527MM | 540MM | 555MM | 568MM | 580MM |
| TOP TUBE (ACTUAL) | 503MM | 513MM | 527MM | 540MM | 553MM | 564MM |
| SEAT TUBE (C-T) | 460MM | 475MM | 495MM | 515MM | 535MM | 555MM |
| SEAT TUBE ANGLE | 74.5° | 74.0° | 74.0° | 73.5° | 73.5° | 73.0° |
| HEAD TUBE ANGLE | 71.0° | 71.5° | 71.5° | 72.0° | 72.0° | 72.0° |
| BB DROP | 63MM | 63MM | 63MM | 63MM | 63MM | 63MM |
| CHAINSTAY | 425MM | 425MM | 425MM | 425MM | 425MM | 425MM |
| HEAD TUBE LENGTH | 100MM | 115MM | 130MM | 150MM | 170MM | 190MM |
| STACK | 528MM | 544MM | 558MM | 579MM | 598MM | 617MM |
| REACH | 368M | 371MM | 380MM | 383MM | 391MM | 391MM |
| STANDOVER | 756MM | 771MM | 787MM | 807MM | 826MM | 845MM |
| AXLE TO CROWN | 400MM | 400MM | 400MM | 400MM | 400MM | 400MM |
| FORK RAKE | 45MM | 45MM | 45MM | 45MM | 45MM | 45MM |
| POST DIAMETER | 27.2MM | 27.2MM | 27.2MM | 27.2MM | 27.2MM | 27.2MM |

FRONT DERAILLEUR CLAMP: 28.6MM

Many Ritchey-sponsored mountain bike champions were also cyclocross champions—Thomas Frischknecht, Henrik Djernis and Don Myrah to name a few. And though they were paid to race Ritchey mountain bikes, they often wanted a Ritchey cyclocross bike to race in the winter.

This ultimately resulted in another iconic Ritchey model—the SwissCross.

We started with the same forged-and-machined integrated head tube design found on the P-29er—80 grams lighter than a standard 1-1/8" head tube and just as strong—a design which also provides much-needed shouldering room at the head tube.

Tubing is an all-new triple-butted, heat treated steel designed to Tom's specifications for a classically lightweight, compliant yet tough-as-nails frame. Geometry has been updated to reflect what cross riders want: race-ready handling and responsiveness that's still versatile enough to serve as a capable, all-around rough road/trail bike.

Tire clearance? Plenty. The SwissCross is designed with cross racing in mind, after all. But with two bottle cage mounts, the SwissCross is perfect for long mixed rides in the off-season as well.

- Weight: 2,350g including fork (55cm)
- Painted to match Ritchey WCS cross fork and WCS integrated headset included
- 130mm rear spacing
- Room for tires up to 38c tires
- Sizes: 49, 51, 53, 55, 57, 59cm


RITCHEY
LOGIC

# ROAD LOGIC®




Tom Ritchey built his first road frame 40 years ago in his parent's garage, and went on to bring numerous innovations to the craft. The Road Logic carries many of the subtleties and details gleaned from Tom's vast experience with steel frames, destined to be a modern classic.

Tom designed an all-new, heat-treated and triple-butted Ritchey Logic tubeset for the new Road Logic, featuring aggressively short-butted sections optimized for TIG welding that save weight and improve ride quality. Ritchey's forged-and-machined integrated head tube uses standard drop-in bearings and saves 80 grams over a standard head tube design.

With room for larger road tires (up to 700x28c depending on make and model) and classic Ritchey geometry, the Road Logic is ideally suited for long, epic days in the saddle on roads that are not always paved, and still nimble and stiff enough to take the county line sprint at the end of the day.

- Sizes: 49, 51, 53, 55, 57, 59cm
- Weight: 1,769g + 345g fork (55cm)
- Painted to match Ritchey carbon fork and WCS integrated headset included

| FRAME SIZE | 49CM | 51CM | 53CM | 55CM | 57CM | 59CM |
|---|---|---|---|---|---|---|
| TOP TUBE (EFFECTIVE) | 518MM | 532MM | 545MM | 560MM | 575MM | 590MM |
| TOP TUBE (ACTUAL) | 510MM | 524MM | 537MM | 548MM | 563MM | 578MM |
| SEAT TUBE (C-T) | 465MM | 485MM | 515MM | 525MM | 545MM | 565MM |
| SEAT TUBE ANGLE | 75.0° | 74.5° | 74.0° | 73.5° | 73.5° | 73.5° |
| HEAD TUBE ANGLE | 72.0° | 72.5° | 73.0° | 73.5° | 73.5° | 73.5° |
| BB DROP | 72MM | 72MM | 72MM | 70MM | 70MM | 70MM |
| CHAINSTAY | 410MM | 410MM | 410MM | 410MM | 410MM | 410MM |
| WHEELBASE | 974MM | 980MM | 984MM | 988MM | 1003MM | 1018MM |
| HEAD TUBE LENGTH | 100MM | 115MM | 140MM | 160MM | 180MM | 200MM |
| STACK | 507MM | 523MM | 549MM | 568MM | 587MM | 607MM |
| REACH | 382MM | 387MM | 388MM | 392MM | 401MM | 410MM |
| AXLE TO CROWN | 368MM | 368MM | 368MM | 368MM | 368MM | 368MM |
| FORK RAKE | 45MM | 45MM | 45MM | 43MM | 43MM | 43MM |
| POST DIAMETER | 27.2MM | 27.2MM | 27.2MM | 27.2MM | 27.2MM | 27.2MM |

FRONT DERAILLEUR CLAMP: 28.6MM





# CARBON BREAK-AWAY® ROAD FRAME




| FRAME SIZE | XS | S | M | L | XL |
|---|---|---|---|---|---|
| EFFECTIVE FRAME SIZE | 49.5CM | 51.5CM | 54CM | 56.5CM | 59CM |
| TOP TUBE (EFFECTIVE) | 520MM | 533MM | 548MM | 566MM | 583MM |
| TOP TUBE (ACTUAL) | 514MM | 524MM | 540MM | 553MM | 566MM |
| SEAT TUBE (C-T) | 480MM | 480MM | 540MM | 540MM | 540MM |
| SEAT TUBE ANGLE | 75.0° | 75.0° | 74.5° | 73.5° | 73.0° |
| HEAD TUBE ANGLE | 72.0° | 72.0° | 73.5° | 73.5° | 73.5° |
| BB DROP | 72MM | 72MM | 72MM | 70MM | 70MM |
| CHAINSTAY | 410MM | 410MM | 415MM | 415MM | 415MM |
| HEAD TUBE LENGTH | 100MM | 120MM | 150MM | 170MM | 190MM |
| STACK | 509MM | 528MM | 563MM | 580MM | 599MM |
| REACH | 384MM | 391MM | 391MM | 394MM | 400MM |
| STANDOVER | 738MM | 743MM | 795MM | 803MM | 809MM |
| AXLE TO CROWN | 370MM | 370MM | 370MM | 370MM | 370MM |
| FORK RAKE | 45MM | 45MM | 43MM | 43MM | 43MM |
| POST DIAMETER | 27.2MM | 27.2MM | 27.2MM | 27.2MM | 27.2MM |

FRONT DERAILLEUR: BRAZE-ON

The patented Ritchey Break-Away® design has been heralded by mainstream cycling media as one of the most innovative bikes on the market today. This incredible blend of travel convenience and no-compromise performance is now available in a lightweight, stiff yet silky smooth full carbon version.

Carbon fiber bikes for travel? Yes. Ritchey has offered the Titanium Carbon Break-Away (with a full carbon rear triangle and fork) for years with no issues. Our carbon fiber designs are very strong—the force required to damage your Carbon Break-Away while packed in its case would have also damaged any frame of any material.

- Carbon tubes designed from the ground up with optimal stiffness, ride quality and durability in mind
- Tom Ritchey's "Right-Sized" carbon tubing specification balances stiffness and compliance for a sublime ride quality
- Classic Ritchey geometry
- Room for larger road tires (up to 700x28c depending on make and model)
- Ritchey WCS Carbon road fork and WCS headset included
- Ritchey Break-Away travel case and padding included
- Ritchey 4Nm Break-Away torque key included
- Sizes: XS-XL
- Weight: 1810g – (frame, fork, coupler – size L)






RITCHEY
WCS MAX EVOLUTION
ROCKSHOX
RITCHEY

# P-650B™



This is the second generation of a 650b mountain bike from Ritchey—Tom started to design his first in 1977. Even back then, Tom had a feeling that there was an advantage to the 'middle' wheel size, but it took the rest of the cycling world three decades to figure it out: a 650b (or 27.5 inch) wheel provides the bump-eating smoothness of a 29er, with the light, responsive feel of 26" wheels. Finally, the era of the 650b wheel is here.

The P-650b is a close relative to the P-29er. Up front there's the forged-and-machined, gram-shaving integrated 1.5" tapered head tube featured on all new Ritchey frames. Forged socket dropouts and new chainstay-mounted rear disc brake mount save a few more grams.

And like every frame we make, geometry and tubing is carefully fine-tuned by Tom, to bring the legendary balanced, nimble Ritchey feel to 27.5 wheels.

- Ritchey forged-and-machined 1.5" tapered head tube
- Sizes: S (15"), M (17"), L (19"), XL (21")
- Weight: 2,028g (L/19")
- Fork: Designed for use with 100mm travel forks
- Clearance for up to 2.25" tires

| FRAME SIZE | S (15") | M (17") | L (19") | XL (21") |
|---|---|---|---|---|
| TOP TUBE (EFFECTIVE) | 580MM | 595MM | 615MM | 635MM |
| TOP TUBE (ACTUAL) | 560MM | 572MM | 590MM | 612MM |
| SEAT TUBE (C-T) | 381MM | 431MM | 483MM | 533MM |
| SEAT TUBE ANGLE | 73.5° | 73.5° | 73.0° | 73.0° |
| HEAD TUBE ANGLE | 69.5° | 70.0° | 70.0° | 70.0° |
| BB DROP | 50MM | 50MM | 50MM | 50MM |
| CHAINSTAY | 432MM | 432MM | 432MM | 432MM |
| HEAD TUBE LENGTH | 100MM | 115MM | 130MM | 145MM |
| STACK | 567MM | 583MM | 597MM | 611MM |
| REACH | 411MM | 421MM | 431MM | 447MM |
| STANDOVER | 719MM | 756MM | 792MM | 826MM |
| AXLE TO CROWN | 459MM | 459MM | 459MM | 459MM |
| FORK RAKE | 42MM | 42MM | 42MM | 42MM |
| POST DIAMETER | 27.2MM | 27.2MM | 27.2MM | 27.2MM |

FRONT DERAILLEUR CLAMP: 28.6MM / REQUIRES HEADSET WCS 1 1/8" DROP IN UPPER AND 1 1/2" WCS DROP IN LOWER HEADSET ASSEMBLY







# P-29ER™




The return of the legendary Ritchey Mountain Bike. Tom Ritchey applied decades of racing, designing and building steel mountain bikes into the P-29er.

Like any Ritchey, this bike is born to go fast without sacrificing comfort or durability. Heat-treated, triple-butted Ritchey Logic II tubing in our own unique butting profiles results in a frame that balances rough trail compliance with sprint-winning stiffness.

The 29er-specific geometry was defined by the best way we know: countless hours of saddle time under Tom Ritchey, World Cup legend Thomas Frischknect and other racers. The result: nimble handling that captures the benefits of the big wheels, stable but not sluggish, equally at home on all-day epics or tight, technical singletrack race courses.

- Ritchey forged-and-machined 1.5" tapered head tube
- Sizes: S (15"), M (17"), L (19"), XL (21")
- Weight: 2,150g (Size: L/19")
- Fork: Designed for use with 100mm travel forks
- Clearance for up to 2.25" tires

| FRAME SIZE | S (15") | M (17") | L (19") | XL (21") |
|---|---|---|---|---|
| TOP TUBE (EFFECTIVE) | 580MM | 595MM | 615MM | 635MM |
| TOP TUBE (ACTUAL) | 562MM | 571MM | 590MM | 611MM |
| SEAT TUBE (C-T) | 380MM | 431MM | 483MM | 533MM |
| SEAT TUBE ANGLE | 73.0° | 73.0° | 73.0° | 73.0° |
| HEAD TUBE ANGLE | 69.5° | 70.0° | 70.0° | 70.0° |
| BB DROP | 60MM | 60MM | 60MM | 60MM |
| CHAINSTAY | 447MM | 447MM | 447MM | 447MM |
| HEAD TUBE LENGTH | 100MM | 100MM | 115MM | 130MM |
| STACK | 588MM | 589MM | 604MM | 617MM |
| REACH | 399MM | 414MM | 430MM | 446MM |
| STANDOVER | 764MM | 785MM | 817MM | 835MM |
| AXLE TO CROWN | 475MM | 475MM | 475MM | 475MM |
| FORK RAKE | 45MM | 45MM | 45MM | 45MM |
| POST DIAMETER | 27.2MM | 27.2MM | 27.2MM | 27.2MM |

FRONT DERAILLEUR CLAMP: 28.6MM / REQUIRES HEADSET WCS 1 1/8" DROP IN UPPER AND 1 1/2" WCS DROP IN LOWER HEADSET ASSEMBLY








SF
FRANCISCO

# COMMANDO™

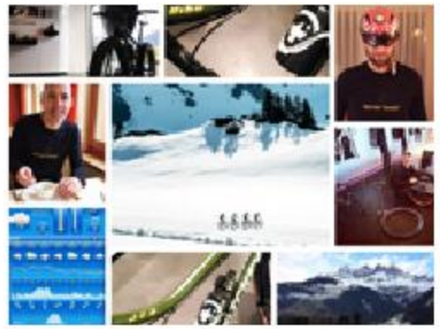



The original Ritchey Commando was designed to be a mountain bike with no limits—a machine to conquer cow trails and dry creek beds in the days before mountain bike trails. Now that adventurous spirit lives on in the Commando, with Tom's four decades of framebuilding mastering bringing the light and nimble feel of a Ritchey to the world of Fat Bikes.

- Premium quality seamless, heat treated, triple-butted Ritchey Logic II tubing
- Forged and machined head tube – lighter and stronger than a standard 1-1/8" head tube
- Spacing: 135mm front; 170mm rear
- CrMo steel Ritchey Logic fork offers precise handling and superb compliance
- Rack mounts and additional bottle braze on's included (not shown)
- Room for 26 x 3.8" tires
- Headset included
- Sizes: S (15"), M (17"), L (19"), XL (21")

| FRAME SIZE | S (15") | M (17") | L (19") | XL (21") |
|---|---|---|---|---|
| TOP TUBE (EFFECTIVE) | 570MM | 586MM | 604MM | 625MM |
| SEAT TUBE (C-T) | 400MM | 445MM | 490MM | 535MM |
| SEAT TUBE ANGLE | 73.5° | 73.0° | 72.5° | 72.0° |
| HEAD TUBE ANGLE | 69.5° | 70.0° | 70.5° | 70.5° |
| BB DROP | 55MM | 55MM | 55MM | 55MM |
| CHAINSTAY | 463MM | 463MM | 463MM | 463MM |
| WHEELBASE | 1099MM | 1106MM | 1114MM | 1130MM |
| HEAD TUBE LENGTH | 100MM | 115MM | 130MM | 150MM |
| STACK | 557MM | 574MM | 590MM | 609MM |
| REACH | 404MM | 410MM | 417MM | 427MM |
| STANDOVER | 713MM | 749MM | 784MMÇ | 801MM |
| AXLE TO CROWN | 447MM | 447MM | 447MM | 447MM |
| FORK RAKE | 45MM | 45MM | 45MM | 45MM |
| POST DIAMETER | 27.2MM | 27.2MM | 27.2MM | 27.2MM |

FRONT DERAILLEUR CLAMP: 28.6MM



Snow Epic »
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U.S. Fat Bike Nationals »
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RITCHEY
RITCHEY CARBON

# RITCHEY WHEEL SYSTEMS : RIMS

Tom Ritchey has been building and designing high performance wheels since the very beginning—but his goal remains unchanged: a good wheel must be light, stiff, strong, and reliable, and to create such a wheel, each separate component needs to work together. This philosophy led Ritchey to design his own hubs and rims, which work together as a system.




**WIDE**

Road, mountain, cyclocross or trail—Ritchey rims are wider than most. This provides a better tire profile and a wider spoke stance for added stiffness.

**CARBON RIM TECHNOLOGY**

Ritchey works with one of the world's most advanced composites factories to produce some of the toughest and most well-engineered rims on the market. We work with experts in 3D carbon weaving, which is uncommon among composites factories and it results in an exceptional amount of control over the rim manufacturing process. Ritchey also employs some of the most exotic Japanese fibers available, with a pre-preg process is managed in-house using a variety of proprietary resin compounds, depending on the specific needs of that rim section. The manufacturing process ensures there is no bending of the carbon fiber when installed into a mold, which could otherwise cause potential failure points. Even the spoke hole drilling angle is controlled on both X and Y axis and is adjusted based on the hub to be used, which guarantees even stress management throughout the spoke system (we do this on our alloy wheels too).

**ALLOY**

Not all aluminum is the same. Ritchey alloy rims are designed in-house to accomplish proprietary shapes (including our OCR® designs) and are constructed with an exotic aerospace grade alloy that's exceedingly tough, allowing our designs to push the envelope of weight and wall thickness without compromising strength or durability. All rims extrusions are cut to single rim sections and hooped a single rim at a time, which is a slow process but it helps ensure rims tolerances are more tightly controlled.  Each extrusion batch is analyzed to ensure compliance with the metallurgical specifications of the material before production commences.

**NIPPLES**

Ours are external. Wind tunnel testing has shown that this isn't a major factor in aerodynamics but it is a major factor in maintenance and repair.

**OCR®**

Off-Center Rim designs reduce spoke dish. Less dish means equal left-right spoke tension and that means a straighter, stiffer, stronger wheel.

# RITCHEY WHEEL SYSTEMS : HUBS

## PHANTOM FLANGE ROAD HUBS

Nearly 40 years ago, Jobst Brandt, mechanical engineer, wizard cyclist and author of the seminal wheelbuilding tome The Bicycle Wheel, theorized that best design for a wheel would involve J-bend spokes and a forged flange that cradles the spoke elbow and also staggers crossing spokes for the specific forces they deal with. Such a design was not possible due to limitations in manufacturing technology---until recently.

Our Phantom Flange hubs have the sleek look and aerodynamics of straight-pull spokes, but the superior stress management and serviceability of J-bend spokes. It results in a stronger, longer lasting and stiffer wheel.

- Superlight forged-and-machined design (70g front, 207g rear)
- Phantom Flange™ hidden J-bend design creates the sleek, aero profile and direct-drive efficiency of straight-pull spokes but still uses stronger, more reliable J-bend spokes
- Forged-in radius flange cradles the elbow of a J-bend spoke for superior stress management and support
- Premium quality bearings
- Patented 6 pawl, 12-point micro clutch engagement system
- Tool-free design allows for quick disassembly—great for packing Break-Away travel bikes or replacing spokes
- Staggered drive side flange increases spoke bracing angle and eliminates interference between crossing spokes, resulting in a stiffer, stronger wheel

## DISC HUBS

Modeled after our state-of-the-art Phantom Flange hubs, our mountain hubs also feature forged flanges which offset the spoke heads for better alignment and tension management. Both road and mountain disc hubs are compatible with all current and upcoming thru-axle standards through an innovative insert system.



## TESTING AND BUILD QUALITY

All Ritchey wheels are handbuilt to our exacting standards by master wheel technicians. Wheels undergo comprehensive inspections during assembly and are personally signed off by the technician with tolerances and spoke tensions documented on the hang tag.  At no point during the assembly process do the wheels pass through a machine.

Once assembled, wheels are tested both during the development process and randomly throughout production by JOBST, our in-house wheel testing machine personally designed by Tom Richey. JOBST provides an accelerated simulation of the most abusive cycling scenarios to help us confirm that Ritchey wheel systems are up to rigors of World Cup racing.

20h front, 24h rear; Fully serviceable; Available for Shimano/SRAM and Campagnolo 10/11 speed; Ritchey forged skewers included

# SUPERLOGIC ZETA

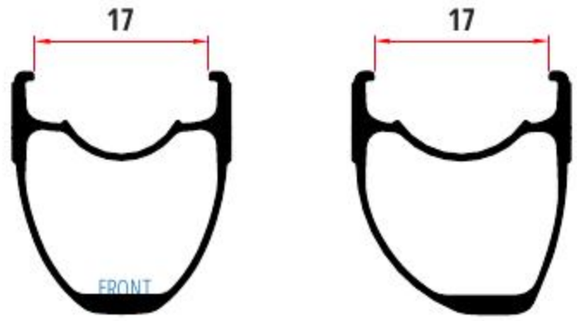
**NEW FOR 2016**



**Our newests alloy road wheel features LogiCote.™**

LogiCote is a unique electro-ceramic surface-hardening treatment applied to Ritchey SuperLogic rims which dramatically improves rim durability by virtually eliminating wear from braking. This micron-thin coat also helps improve braking performance in wet conditions. SuperLogic Zeta II wheels with LogiCote will stop better and last longer than standard aluminum rims.

- Best stiffness-to-weight wheel we offer
- LogiCote rim treatment improves braking performance and rim durability
- Tubeless ready design
- 20/24H with Phantom Flange hubs
- DT Aero Comp spokes + alloy nipples
- Ritchey forged quick releases included
- 1,391grams (593g front, 798g rear)




| ZETA WHEELS | TYPE | RIMS | JOINT | HUBS | SPOKES | NIPPLES | BUILD | FREEHUB | FINISH | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|
| SUPERLOGIC | FRONT | SUPERLOGIC ZETA | WELDED | SUPERLOGIC PHANTOM FLANGE | DT AERO COMP | ALLOY | 20 RADIAL | | SATIN BLACK LOGICOTE | 593G |
| | REAR | SUPERLOGIC ZETA OCR | WELDED | SUPERLOGIC PHANTOM FLANGE | DT AERO COMP | ALLOY | 24 RADIAL/2X | ALLOY | SATIN BLACK LOGICOTE | 798G |

# WCS ZETA / WCS ZETA DISC

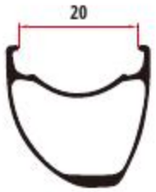


**The do-everything aluminum race wheel is wider, lighter and stiffer than ever—and now available in a disc brake version.**

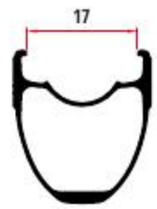
Tom Ritchey believes in high quality aluminum road wheels—they offer incredible performance and durability that's hard to beat at any price. The critically acclaimed Zeta is completely redesigned to be wider, lighter and laterally stiffer, yet still tough enough to endure gravel road rides and cyclocross races that would chew lesser wheels to pieces. New dedicated disc brake version features new two-piece forged hubs and disc-only OCR rim extrusion.

## WCS ZETA DISC

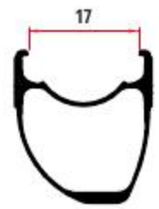
- Disc-specific Zeta OCR® rims are light, stiff, wide and tubeless
- Forged, machined and staggered hub flange increases spoke bracing angle, allowing for a lighter stronger wheel
- Centerlock compatible
- Compatibility:
  Standard QR9, 12mm and 15mm thru-axles (front)
  Standard QR10 or 142x12mm thru-axles (rear)
- Ritchey forged quick releases included
- 1,560 grams (735g front, 825g rear)



ZETA DISC OCR



ZETA FRONT



ZETA REAR OCR

| ZETA WHEELS | TYPE | RIMS | JOINT | HUBS | SPOKES | NIPPLES | BUILD | FREEHUB | FINISH | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|
| WCS | FRONT | WCS ZETA TUBELESS | WELDED | WCS PHANTOM FLANGE | DT AERO COMP | BRASS | 20 RADIAL | - | BB BLACK | 625G |
| | REAR | WCS ZETA TUBELESS OCR | WELDED | WCS PHANTOM FLANGE | DT AERO COMP | BRASS | 24 RADIAL/2X | ALLOY | BB BLACK | 819G |
| WCS | FRONT DISC | WCS ZETA DISC TUBELESS OCR | SLEEVED/BONDED | WCS DISC HUB | DT COMPETITION 2.0/1.8 DB | BRASS | 24H/2X | - | BB BLACK | 735G |
| | REAR DISC | WCS ZETA DISC TUBELESS OCR | SLEEVED/BONDED | WCS DISC HUB | DT COMPETITION 2.0/1.8 DB | BRASS | 24H/2X | ALLOY | BB BLACK | 825G |

# WCS APEX CARBON 38MM DISC BRAKE CLINCHERS

**NEW FOR 2016**



**Disc brake goodness in a lighter, stiffer and faster package.**

- 18.4mm wide internal rim profile for increased sidewall support when using larger tires
- Disc-specific rim design with Tubeless Ready internal profile
- Handbuilt with 2 x lacing for stiffness—24 spokes front and rear
- Superlight forged two-piece WCS disc hubs with offset flanges for increases spoke bracing angle
- Premium quality sealed bearings and patented 6 pawl, 12-point microclutch engagement system
- Load specific bearings: 28mm drive side, 24mm non-drive
- Available for Shimano/SRAM and Campagnolo 10/11 speed
- Disc specific carbon and resin system
- Ritchey forged quick releases included
- Shimano Centerlock disc mount
- Compatibility:
  Standard QR9, 12mm and 15mm thru-axles (front)
  Standard QR10 or 142x12mm thru-axles (rear)
- 1,747 grams (827g front, 920g rear)




| WCS APEX CARBON 38MM DISC CLINCHERS | TYPE | RIMS | RIM DEPTH | HUBS | SPOKES | NIPPLES | BUILD | FREEHUB | FINISH | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|
| CARBON WCS | CLINCHER FRONT | CARBON | 38MM | WCS DISC HUB | DT COMPETITION | BRASS 2.0 | 24/2X | - | UD CARBON | 827G |
| | CLINCHER REAR | CARBON | 38MM | WCS DISC HUB | DT COMPETITION | BRASS 2.0 | 24/2X | ALLOY | UD CARBON | 920G |

# WCS APEX CARBON 38MM RIM BRAKE CLINCHERS

**NEW FOR 2016**




**Our most versatile wheelset---fast in the wind yet light enough for big mountain days**

- Tubeless Ready rim bed—perfect for low tire pressure CX applications or everyday road riding
- Forged, machined and staggered hub flange increases spoke bracing angle, allowing for a lighter stronger wheel
- Proprietary forged-in flange contour supports spoke elbow for superior stress management and a stronger, longer lasting wheel
- OD/ID: 26/18.4mm
- 20/24H with WCS Phantom flange hubs
- Thermal grade composites and resin system optimized for rim brakes
- Includes carbon specific brake pads
- Ritchey forged quick releases included
- 1,560 grams (685g front, 875g rear)




| WCS APEX CARBON 38MM RIM CLINCHER | TYPE | RIMS | RIM DEPTH | HUBS | SPOKES | NIPPLES | BUILD | FREEHUB | FINISH | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|
| CARBON WCS | CLINCHER FRONT | CARBON | 38MM | WCS PHANTOM FLANGE | DT NEW AERO | BRASS 2.0 | 20 RADIAL | - | UD CARBON | 685G |
| | CLINCHER REAR | CARBON | 38MM | WCS PHANTOM FLANGE | DT NEW AERO | BRASS 2.0 | 24 RADIAL/2X | ALLOY | UD CARBON | 875G |

# WCS APEX CARBON 36MM DISC TUBULARS

**NEW FOR 2016**



**The ultimate race weapon for cylocross or gravel racing.**

- 24mm width rim profile for a smoother ride quality and more surface area for gluing up tubulars
- Forged and machined Phantom Flange Disc hubs
- 24/24H with 2pc Forged offset flange hubs increases spoke bracing angle allowing for a lighter stronger wheel
- Composites and resin system designed specifically to manage disc braking forces
- Centerlock compatible
- Compatibility:
  Standard QR9, 12mm and 15mm thru-axles (front)
  Standard QR10 or 142x12mm thru-axles (rear)
- Ritchey forged quick releases included
- 1,571 grams (739g front, 832g rear)




| WCS APEX CARBON 36MM DISC TUBULARS | TYPE | RIMS | RIM DEPTH | HUBS | SPOKES | NIPPLES | BUILD | FREEHUB | FINISH | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|
| CARBON WCS | TUBULAR FRONT | CARBON | 36MM | WCS DISC HUB | DT COMPETITION | BRASS 2.0 | 24/2X | - | UD CARBON | 739G |
| | TUBULAR REAR | CARBON | 36MM | WCS DISC HUB | DT COMPETITION | BRASS 2.0 | 24/2X | ALLOY | UD CARBON | 832G |

# WCS APEX CARBON 50MM TUBULARS



**Ritchey's fast, stiff and tough-as-nails race wheels featuring monocoque rims and a proprietary manufacturing process.**

- Exceptional lateral stiffness and acceleration
- Phantom Flange Hubs: Superlight Ritchey design captures the sleek profile and efficiency of straight-pull spokes with the superior strength and durability of J-bend spokes
- Forged, machined and staggered hub flange increases spoke bracing angle, allowing for a lighter stronger wheel
- Proprietary forged-in flange contour supports spoke elbow for superior stress management and a stronger, longer lasting wheel OD: 24mm
- Premium quality sealed bearings and patented 6 pawl, 12-point micro-clutch engagement system
- Load specific bearings: 28mm drive side, 24mm non-drive
- Handbuilt with ride-smoothing 20 hole radial front and 24 hole radial/2x rear
- Available for Shimano/SRAM and Campagnolo 10/11 speed
- Includes carbon-specific brake pads
- Ritchey forged quick releases included
- 1,417g (624g front, 793g rear)




| WCS APEX CARBON 50MM TUBULARS | TYPE | RIMS | RIM DEPTH | EXTERNAL WIDTH | HUBS | SPOKES | NIPPLES | BUILD | FREEHUB | FINISH | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CARBON WCS 50MM | TUBULAR FRONT | CARBON | 50MM | 24MM | WCS PHANTOM FLANGE | DT NEW AERO | BRASS | 20 RADIAL | - | UD CARBON | 624G |
| | TUBULAR REAR | CARBON | 50MM | 24MM | WCS PHANTOM FLANGE | DT NEW AERO | BRASS | 24 RADIAL/2X | ALLOY | UD CARBON | 793G |

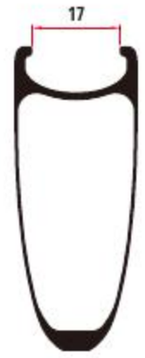

RITCHEY
RITCHEY

# WCS APEX CARBON 60MM CLINCHERS




**Slippery in the wind, stiff in a sprint, and tough enough to last.**

- Aerodynamically optimized rounded-edge 60mm carbon rims balance low wind drag at various yaw angles with consistent handling in crosswinds
- 17mm internal width increases lateral stiffness and improves tire profile for a smoother ride, better handling and lower rolling resistance
- Handbuilt with ride-smoothing 20 hole radial front and 24 hole radial/2x rear
- Phantom Flange Hubs: Superlight Ritchey design captures the sleek profile and efficiency of straight-pull spokes with the superior strength and durability of J-bend spokes
- Forged, machined and staggered hub flange increases spoke bracing angle, allowing for a lighter stronger wheel
- Premium quality sealed bearings and patented 6 pawl, 12-point micro-clutch engagement system
- Load specific bearings: 28mm drive side, 24mm non-drive
- Available for Shimano/SRAM and Campagnolo 10/11 speed
- Thermal grade composites and resin system optimized for rim brakes
- Includes carbon-specific brake pads
- Ritchey forged quick releases included
- 1,561g (699g front, 862g rear)




**UCI APPROVED**

FACT: Mechanics rejoice! Ritchey wheels use standard J-bend spokes from DT for their incredible strength and serviceability.

| WCS APEX CARBON 60MM CLINCHERS | TYPE | RIMS | RIM DEPTH | HUBS | SPOKES | NIPPLES | BUILD | FREEHUB | FINISH | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|
| CARBON WCS | CLINCHER FRONT | CARBON | 60MM | WCS PHANTOM FLANGE | DT AERO COMP | BRASS | 20 RADIAL | – | UD CARBON | 699G |
| | CLINCHER REAR | CARBON | 60MM | WCS PHANTOM FLANGE | DT AERO COMP | BRASS | 24 RADIAL/2X | ALLOY | UD CARBON | 862G |

# WCS TRAIL



15MM THRU AXLE
FRONT

142X12
REAR

**Tom Ritchey's decades of race-winning wheel design and innovation has now been calibrated for the unique demands of aggressive trail riders.**

- Proprietary aerospace grade alloy rim for minimal weight with superior stiffness and impact resistance—25mm internal rim width for use with bigger tires
- 24mm tall OCR® (Off Center Rim) profile improves spoke bracing angle and reduces wheel dish for a stronger, stiffer build
- Tubeless design
- Beefy hub shells with oversized bearings front and rear
- Rear hub convertible between Standard QR and 142x12 Thru-Axle
- Front hub convertible between 20mm/15mm/standard QR
- DT Competition spokes & alloy nipples
- Ritchey forged quick releases included
- Shimano Centerlock disc brake mount (6-bolt adapters sold separately)
- 1,627g (27.5"/650b set)
  1,675g (29" set)




| TRAIL WHEELS | TYPE | RIMS | RIM DEPTH | INNER WIDTH | HUBS | SPOKES | NIPPLES | BUILD | FREEHUB | FINISH | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| WCS 27.5"/650B | CLINCHER FRONT | WCS TRAIL TUBELESS OCR | 24MM | 25MM | WCS TRAIL 15MM | DT COMPETITION 2.0/1.8 | ALLOY | 28X3X | - | BB BLACK | 765G |
| | CLINCHER REAR | WCS TRAIL TUBELESS OCR | 24MM | 25MM | WCS TRAIL 10MM QR | DT COMPETITION 2.0/1.8 | ALLOY | 28X3X | ALLOY | BB BLACK | 867G |
| | CLINCHER REAR 142X12 | WCS TRAIL TUBELESS OCR | 24MM | 25MM | WCS TRAIL 142X12MM | DT COMPETITION 2.0/1.8 | ALLOY | 28X3X | ALLOY | BB BLACK | 862G |
| WCS 29" | CLINCHER FRONT | WCS TRAIL TUBELESS OCR | 24MM | 25MM | WCS TRAIL 15MM | DT COMPETITION 2.0/1.8 | ALLOY | 28X3X | - | BB BLACK | 789G |
| | CLINCHER REAR | WCS TRAIL TUBELESS OCR | 24MM | 25MM | WCS TRAIL 10MM QR | DT COMPETITION 2.0/1.8 | ALLOY | 28X3X | ALLOY | BB BLACK | 891G |
| | CLINCHER REAR 142X12 | WCS TRAIL TUBELESS OCR | 24MM | 25MM | WCS TRAIL 142X12MM | DT COMPETITION 2.0/1.8 | ALLOY | 28X3X | ALLOY | BB BLACK | 886G |

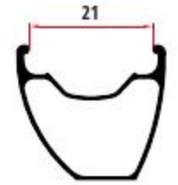
WEIGHTS SHOWN WITHOUT QUICK RELEASES OR RIM STRIPS

# WCS VANTAGE



**With a wider OCR® rim profile and incredibly tough new alloy, the Vantage is at the front of the field in terms of weight, stiffness and durability.**

- Proprietary aerospace grade alloy rim for minimal weight with superior stiffness and impact resistance—wide 21mm internal rim width for use with bigger tires
- 24mm tall OCR® (Off Center Rim) profile improves spoke bracing angle and reduces wheel dish for a stronger, stiffer build
- Tubeless design
- Beefy hub shells with oversized bearings front and rear
- Rear hub convertible between standard QR and 142x12 Thru-Axle
- Front hub convertible between 20mm/15mm/standard QR
- DT Competition spokes & alloy nipples
- Shimano Centerlock disc brake mount (6-bolt adapters sold separately)
- Ritchey forged quick releases included
- 1,597g (27.5”/650b set)
  1,645g (29” set)

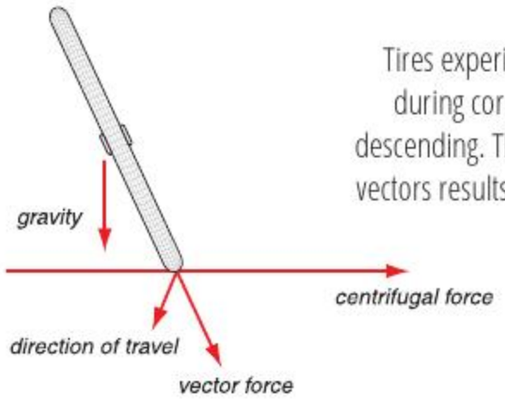



| VANTAGE WHEELS | TYPE | RIMS | RIM DEPTH | INNER WIDTH | HUBS | SPOKES | NIPPLES | BUILD | FREEHUB | FINISH | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| WCS 27.5”/650B | CLINCHER FRONT | WCS VANTAGE TUBELESS OCR | 24MM | 21MM | WCS 15MM | DT COMPETITION 2.0/1.8 | ALLOY | 28X3X | - | BB BLACK | 750G |
| | CLINCHER REAR | WCS VANTAGE TUBELESS OCR | 24MM | 21MM | WCS 10MM QR | DT COMPETITION 2.0/1.8 | ALLOY | 28X3X | ALLOY | BB BLACK | 861G |
| | CLINCHER REAR 142X12 | WCS VANTAGE TUBELESS OCR | 24MM | 21MM | WCS 142X12MM | DT COMPETITION 2.0/1.8 | ALLOY | 28X3X | ALLOY | BB BLACK | 847G |
| WCS 29” | CLINCHER FRONT | WCS VANTAGE TUBELESS OCR | 24MM | 21MM | WCS 15MM | DT COMPETITION 2.0/1.8 | ALLOY | 28X3X | - | BB BLACK | 774G |
| | CLINCHER REAR | WCS VANTAGE TUBELESS OCR | 24MM | 21MM | WCS 10MM QR | DT COMPETITION 2.0/1.8 | ALLOY | 28X3X | ALLOY | BB BLACK | 876G |
| | CLINCHER REAR 142X12 | WCS VANTAGE TUBELESS OCR | 24MM | 21MM | WCS 142X12MM | DT COMPETITION 2.0/1.8 | ALLOY | 28X3X | ALLOY | BB BLACK | 871G |

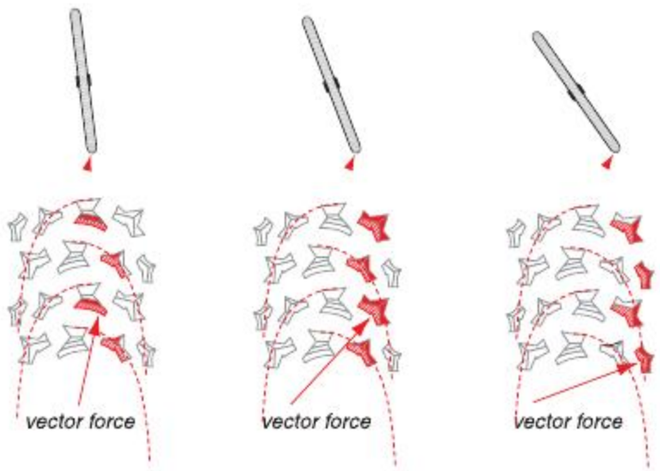
WEIGHTS SHOWN WITHOUT QUICK RELEASES OR RIM STRIPS

# VECTOR FORCE ANALYSIS:™ THE SCIENCE OF TRACTION.

Don't be fooled—a good tire is more than just an interesting collection of knobs. Vector Force Analysis (VFA™) analyzes the directional forces applied to a tire during cornering, accelerating, braking, climbing and descending. These forces vary with factors like tire pressure, rider weight, trail conditions, lean angle, etc. The combination of these and other elements produces specific vector forces that affect each individual tread knob. VFA is a method of analyzing these forces to understand which are most prevalent in specific conditions, enabling us to design tires with an ideal combination of knob shapes, thicknesses and spacing to optimize performance characteristics for every type of riding.




Tires experience multiple vectors during cornering, climbing and descending. The combination of these vectors results in a single vector force.




The tread knobs are specifically designed with supports that counteract the vector force being applied perpendicularly to the tire.



# TRAIL BITE AND DRIVE

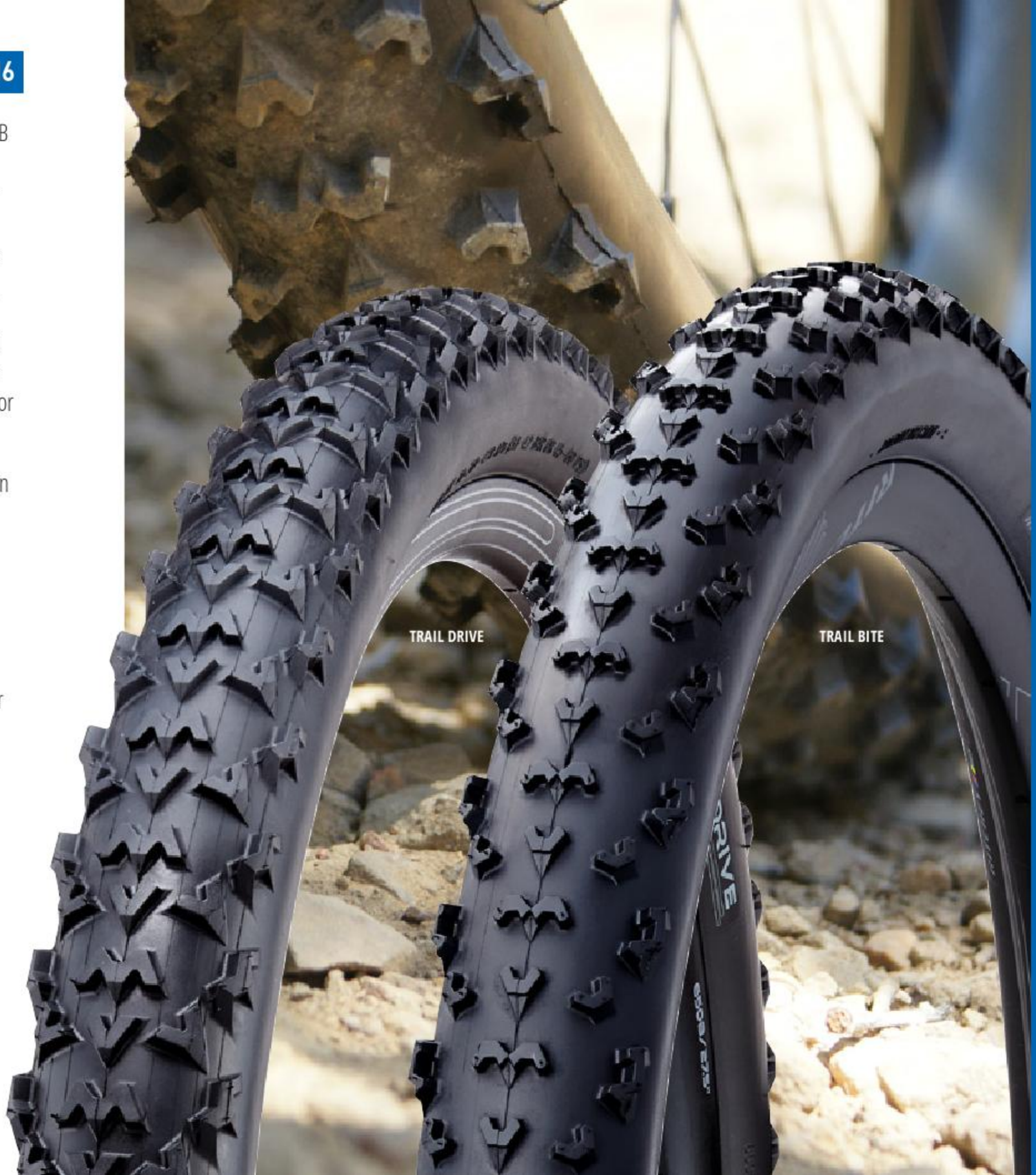
**NEW FOR 2016**

In 1984 Tom was the first to appropriate road tire technology for MTB tire design by introducing higher TPI and more compliant rubber compounds. While he pioneered trail specific tread patterns, Vector Force Analysis technology for MTB tires was developed. The result was the first ever rotation directional specific tire; soon thereafter he applied this technology to the first front and rear tire specific treads.

30 years later, Tom refined this technology and applied it to the Trail Bite and Drive tires. Featuring a wider, reinforced casing to handle a more aggressive terrain, the Bite and Drive are our newest offering for all mountain riding.

- Bite: front or rear, rotational specific tread that bites into the terrain for excellent control in all conditions
- Drive: rear, rotational specific low durometer rubber tread for exceptional climbing traction drives the bike forward for the best grip and power transfer.
- 57mm Casing width – a true 2.25 wide trail tire
- WCS incorporates Tubeless ready bead and soft compound rubber
- Available in 650b or 29”
- WCS (120 TPI) or Comp (30TPI) levels
- StrongHold™ bead-to-bead casing reinforcement (WCS)

| TRAIL BITE | 650BX2.25 | 29X2.25 |
|---|---|---|
| WCS TRAIL | 720G | 771G |
| TRAIL FOLDING | 649G | 716G |
| TRAIL | 736G | 806G |
| **TRAIL DRIVE** | **650BX2.25** | **29X2.25** |
| WCS TRAIL | 795G | 993G |
| TRAIL FOLDING | 709G | 896G |
| TRAIL | 796G | 1003G |



# Z-MAX EVOLUTION




- Based on the original ZMax VFA tread—VFA (Vector Force Analysis) places each knob and edge at an angle corresponding with cornering and braking forces for optimal traction at all angles
- Fast-rolling, grippy, predictable and now available in a 29er version
- Tread lugs are spaced wider and shortened for faster handling, reduced rolling resistance and lighter weight
- WCS version features dual compound – softer sides enhance cornering, firmer center section rolls faster and is more durable; tubeless ready, 120TPI casing
- Ritchey StrongHold™ reinforced casing reduces sidewall flex under hard cornering and resists damage (WCS)

| | 2.1 Z-MAX EVOLUTION | 26X2.1 | 650BX2.1 | 29X2.1 |
|---|---|---|---|---|
| | WCS TUBELESS READY | 494G | 586G | 653G |
| | COMP FOLDING | - | 588G | - |
| | COMP | 640G | 709G | 755G |
| NEW | **2.25 Z-MAX EVOLUTION** | - | **650BX2.25** | **29X2.25** |
| | WCS TUBELESS READY | - | 710G | 745G |
| | COMP FOLDING | - | 709G | 755G |

# SHIELD



- Low-profile tread pattern provides perfect all-round qualities with incredible traction and control
- Side knobs employ VFA design for consistent traction at all cornering angles
- WCS version features dual compound – softer side enhance cornering, firmer center section rolls faster and is more durable
- WCS level is tubeless ready

| SHIELD | 26X2.1 | 650BX2.1 | 29X2.1 |
|---|---|---|---|
| WCS TUBELESS READY | 540G | 533G | 554G |
| COMP FOLDING | - | 545G | 620G |
| COMP | 640G | 627G | 705G |

# SHIELD CROSS TUBELESS READY

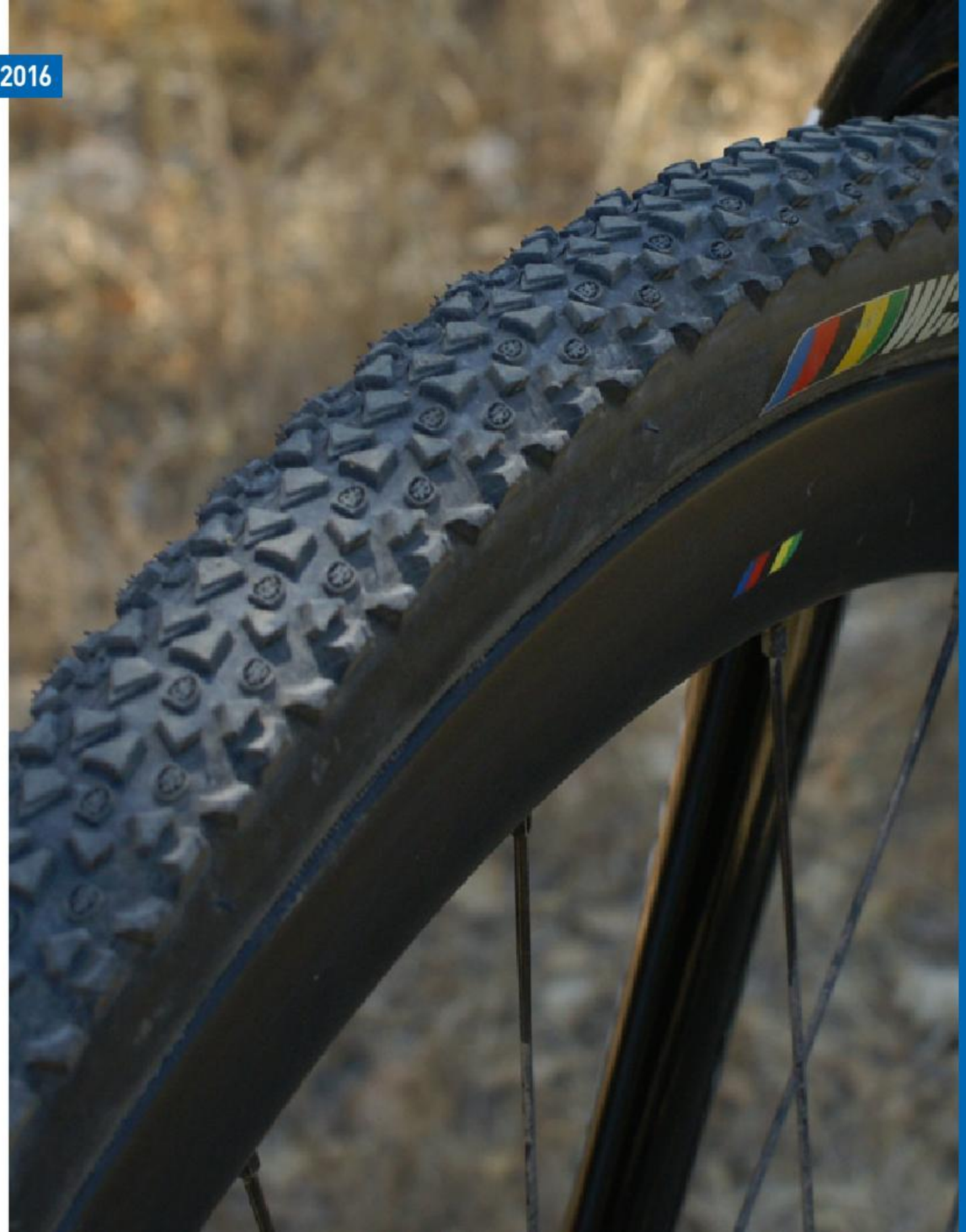
**NEW FOR 2016**

Our race-bred cyclocross tire just stepped up to the next level: now with a tubeless ready casing allows for lower pressure for a smoother ride and even better cornering.

- Low-profile tread pattern provides perfect all-round qualities with incredible traction and control
- Side knobs employ VFA design for consistent traction at all cornering angles
- WCS version features dual compound – softer side enhance cornering, firmer center section rolls faster and is more durable
- 120tpi
- 35mm casing width
- Tubeless ready bead
- 398g



| SHIELD CROSS | 700X35 |
|---|---|
| WCS TUBELESS READY | 398G |
| WCS | 374G |
| COMP | 500G |



# SPEEDMAX CROSS





- Low rolling resistance
- Excellent mud clearing capability
- Diamond pattern center with VFA baffles

| SPEEDMAX CROSS | 700X32 | 700X35 | 700X40 |
|---|---|---|---|
| PRO FOLDING | 358G | - | - |
| CLX | 452G | 476G | 483G |

# TOM SLICK

**NEW FOR 2016 – 700x27C VERSION**

Ritchey's Tom Slick is the original gravel monster. With deep, grip-boosting VFA™ grooves and a tough Stronghold reinforced casing, these tires are what you want when the ride keeps going after the pavement ends.

- Stronghold reinforced casing resists cuts and punctures and allows for lower pressures without increased risk of pinch flats. (WCS)
- 120 TPI casing (WCS)

| TOM SLICK | 26X1.0 | 26X1.4 | 650BX1.1 | 700X27 |
|---|---|---|---|---|
| WCS | - | - | 310G | 285G |
| PRO FOLDING | 254G | 386G | - | - |
| COMP | 330G | 472G | 472G | - |



# RACE SLICK




The legendary Ritchey road tire is back. The new WCS Race Slick features a supple 120TPI reinforced nylon casing that's tough as nails, coated with a 60A durometer rubber that's grippy and long lasting.

- Fast-rolling slick tread
- Folding Aramid bead
- Available in 23 and 25c

| RACE SLICK | 700X23 | 700X25 |
|---|---|---|
| WCS | 198G | 215G |
| COMP | 238G | 260G |
| **RACE SLICK TUBULAR** | **700X23** | - |
| WCS | 250G | - |

# TRAIL GROUP















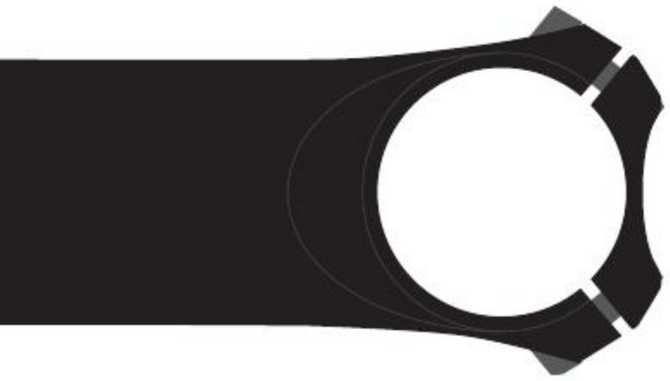


Ride to create. Create to ride.

RITCHEY



# RITCHEY STEM CLAMP TECHNOLOGY



- **LIGHTEST CE APPROVED STEM DESIGN**
- **EXTREMELY STIFF**
- **IDEAL FOR USE WITH CARBON BARS**

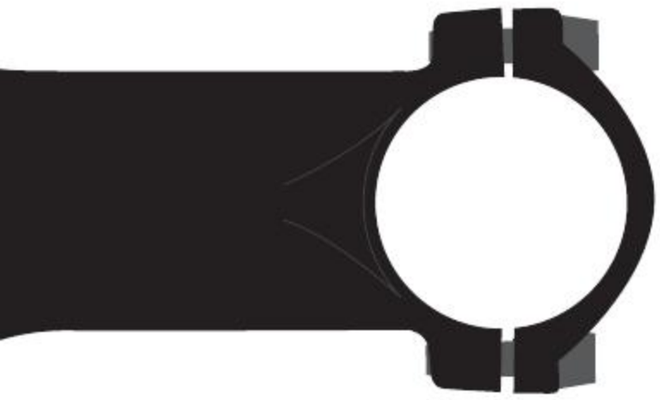
**C260° STEMS** – The C260 clamp design wraps a full 260 degrees around the bar to provide a very efficient clamping structure that creates a secure grip with less torque. It's also an extremely lightweight and stiff design. Radius steer tube slot with three alternating bolts also reduces clamping stress on carbon forks.

C260 stems can be installed without removing handlebar controls by sliding the stem onto the bar just past the oversized center section.



- **LIGHTER AND STIFFER THAN TRADITIONAL STEM DESIGNS**
- **EASY PRESS-FIT INSTALLATION**

**C220° STEMS** – The C220 offers the best of both worlds—nearly the same stiffness-to-weight ratio as the C260, but with easy-to-access forward-facing bolt heads and a convenient press-fit mouth that makes bar and stem swaps as convenient as they are with standard designs. Offset steer tube bolts reduce clamping stress on lightweight steer tubes.



- **THE ORIGINAL AND WIDELY-COPIED FOUR-BOLT, NARROW BOLT STANCE STEM**
- **GREAT BALANCE BETWEEN PERFORMANCE, CONVENIENCE AND COST**

**4-AXIS STEMS** – The original 4-Axis stem design was a game-changer when it was introduced. The bolts are near the center to reduce faceplate hot spots, reducing stress on lightweight bars.

# SUPERLOGIC C260°

260° BEST STIFFNESS-TO-WEIGHT RATIO




Ritchey's first full-carbon stem was designed to meet the needs of high-wattage European Classics specialists.

The Carbon C260 adds to the amazing strength-to-weight ratio of our C260 alloy and Carbon Matrix stems through the use of high modulus carbon fiber, increased boom diameter and a wider clamp.

Gram for gram this is the stiffest, most advanced Ritchey stem ever.

- C260 bar clamp creates a larger stem-to-bar interface, drastically reducing bolt stress
- Radius steer slot with opposing bolts to dissipate stress evenly across lightweight steer tubes
- Available in 80-130mm lengths
- 84/6 degree angle
- Matte UD carbon fiber finish
- 125g (110mm)






**INSTALLS WITHOUT REMOVAL OF LEVERS OR TAPE – CLICK TO VIEW DEMO VIDEO**

| SUPERLOGIC C260 STEMS | MATERIAL / CONSTRUCTION | FACEPLATE WIDTH | BOLTS | STEERER | STEERER HEIGHT | BAR | ANGLE | LENGTH | WEIGHT | FINISH |
|---|---|---|---|---|---|---|---|---|---|---|
| SUPERLOGIC | CARBON W/2014 FACEPLATE | 42MM | T-20 TORX CRMO | 1-1/8" | 42MM | 31.8 | 84/6° | 80, 90, 100, 110, 120, 130MM | 125G | MATTE UD CARBON |
| SUPERLOGIC | CARBON W/2014 FACEPLATE | 42MM | T-20 TORX CRMO | 1-1/4" | 42MM | 31.8 | 84/6° | 90, 100, 110, 120, 130MM | 120G | MATTE UD CARBON |

# TRAIL C220°

220° STIFFER THAN TRADITIONAL STEMS
EASY PRESS-FIT INSTALLATION



The first Ritchey stem specifically designed for today's 5-6" travel trail bikes using wide bars.

More than just a beefed-up version of our other stems. For the WCS Trail stem we revised the patented C260 clamp to a 220-degree version that fits a wider variety of riser bar bends and still packs a dramatic increase in stiffness and strength over competitor's designs.

- Forward-facing bolt design for easier installation
- 3D Forged 2014 alloy for superior strength and lightweight
- 220 degree, extra-wide bar clamp improves stiffness and fits all riser bars
- Zero rise
- Ritchey Blatte finish
- 115g (70mm)



WCS 45MM



WCS 45MM / 35MM BAR CLAMP



WCS / 35MM BAR CLAMP



TRAIL BB BLACK

**INSTALLS WITHOUT REMOVAL OF LEVERS – CLICK TO VIEW DEMO VIDEO**

| TRAIL STEMS | MATERIAL / CONSTRUCTION | FACEPLATE WIDTH | BOLTS | STEERER | STEERER HEIGHT | BAR | ANGLE | LENGTH | WEIGHT | FINISH |
|---|---|---|---|---|---|---|---|---|---|---|
| WCS TRAIL | 3D FORGED 2014 | 40MM | SS | 1-1/8" | 45MM | 31.8 | 0° | 45, 60, 70, 80, 90, 100, 110MM | 115G (70MM) | BLATTE |
| WCS TRAIL 35.0MM DIAMETER | 3D FORGED 2014 | 40MM | SS | 1-1/8" | 45MM | 35.0 | 0° | 45, 60, 70, 80, 90MM | 130G (70MM) | BLATTE |
| TRAIL | 3D FORGED 6061 | 41 | SS | 1 1/8" | 42 | 31.8 | 0° | 45, 60, 70, 80, 90, 100, 110MM | 142G (90MM) | BB BLACK |

# WCS C260º

260º BEST STIFFNESS-TO-WEIGHT RATIO




BLATTE



WET WHITE



BLATTE 25 DEGREE



WET BLACK



WET BLACK 25 DEGREE

At 103 grams (100mm) this is lightest, most advanced alloy stem in the Ritchey line, and possibly the world.

This revolutionary patented design starts with a bar clamp that wraps a full 260 degrees around the handlebar to distribute clamping stress more evenly through the handlebar, faceplate, hardware and stem body. The steer tube clamp uses three bolts and a curved slot to reduce clamp stress on the steer tube.

The body is 3D forged from an advanced 7050 aluminum and internally machined for further weight reduction. Premium quality CrMo steel bolts are used throughout, but in a smaller T-20 TORX size that shaves a few more grams with no sacrifice in strength or rigidity.

The resulting CEN-approved stem is 20 grams lighter and even stiffer than our already stiff and lightweight 4-Axis.

- 3D forged and internally machined 7050 alloy body
- 4 x T-20 TORX faceplate bolts and patented 260 degree bar clamp design reduces weight, increases stiffness and distributes stress more evenly
- 3 x T-20 TORX steer tube bolts and curved clamp slot reduces weight and steer tube stress
- 5Nm torque max on all hardware
- 30% stiffer than Ritchey's legendary WCS 4-Axis and 20 grams lighter
- Fits most road and mountain bars
- 25degree C260 is 3D forged 2014 alloy and features bias-cut two-bolt steer tube clamp

**INSTALLS WITHOUT REMOVAL OF LEVERS OR TAPE – CLICK TO VIEW DEMO VIDEO**

| C260 STEMS | MATERIAL / CONSTRUCTION | FACEPLATE WIDTH | BOLTS | STEERER | STEERER HEIGHT | BAR | ANGLE | LENGTH | WEIGHT | FINISH |
|---|---|---|---|---|---|---|---|---|---|---|
| WCS | 3D FORGED 7050 | 36MM | T-20 TORX CRMO | 1-1/8" | 42MM | 31.8 | 84/6º | 70, 80, 90, 100, 110, 120, 130MM | 103G | BLATTE, WET WHITE, WET BLACK |
| WCS | 3D FORGED 2014 | 40MM | M4SS/T-20 TORX CRMO | 1-1/8" | 45MM | 31.8 | 25º | 80, 90, 100, 110MM | 120G | BLATTE, WET BLACK |



# WCS C220°

**STIFFER THAN TRADITIONAL STEMS**
**EASY PRESS-FIT INSTALLATION**




WCS CARBON MATRIX



BLATTE



WET BLACK



CLASSIC HP SILVER



BLATTE 17 DEGREE



WET BLACK 17 DEGREE

You really can have it all—the WCS C220 stem rivals the performance of the revolutionary C260 stem design, but it's quicker and easier to install and remove thanks to a press-fit handlebar clamp interface and forward-facing hardware.

First proven on the Ritchey Trail stem, the C220 handlebar clamp design creates a more secure interface by wrapping a full 220 degrees over the handlebar. Bolt forces are aligned with the clamp so that the stem body 'embraces' the handlebar, which is less prone to damaging lightweight bars. This clamp design allows for a lighter faceplate and stem body with no sacrifice in strength or stiffness.

The stem body is forged 2014 aluminum for further weight reduction. Premium quality CrMo steel bolts are used throughout.

## WCS C220°

**NEW FOR 2016 – 140MM OPTION**

- 3D forged 2014 alloy body
- 4 x 4mm coated CrMo steel forward-facing faceplate bolts
- 2 x 4mm coated CrMo steel offset steer tube clamp bolts
- 5Nm torque max on all hardware
- Compatible with all 31.8 bars
- Press-fit clamp design installs and removes like a standard stem

## WCS CARBON MATRIX C220°

- All the advantages of the C220 stem design with a stiffness-enhancing carbon exoskeleton
- 12% stiffer than the WCS alloy C220 stem

**INSTALLS WITHOUT REMOVAL OF LEVERS OR TAPE – CLICK TO VIEW DEMO VIDEO**

| C220 STEMS | MATERIAL / CONSTRUCTION | FACEPLATE WIDTH | BOLTS | STEERER | STEERER HEIGHT | BAR | ANGLE | LENGTH | WEIGHT | FINISH |
|---|---|---|---|---|---|---|---|---|---|---|
| CARBON WCS | 3D FORGED 7050/CARBON ENCASED | 42MM | M4 CRMO | 1-1/8" | 42 | 31.8 | 84/6° | 70, 80, 90, 100, 110, 120, 130MM | 126G | MATTE UD CARBON |
| WCS | 3D FORGED 2014 | 42MM | M4 CRMO | 1-1/8" | 42 | 31.8 | 84/6° | 60, 70, 80, 90, 100, 110, 120, 130, 140MM | 121G | BLATTE, WET BLACK |
| WCS | 3D FORGED 2014 | 42MM | M4 CRMO | 1-1/8" | 42 | 31.8 | 73/17° | 70, 80, 90, 100, 110, 120, 130MM | 121G | BLATTE, WET BLACK |
| CLASSIC | 3D FORGED 2014 | 42MM | M4 CRMO | 1-1/8" | 45 | 31.8 | 84/6° | 70, 80, 90, 100, 110, 120, 130MM | 121G | HP SILVER |

# WCS 4-AXIS 44 1-1/4"




4-AXIS

**GREAT BALANCE BETWEEN PERFORMANCE, CONVENIENCE AND COST**

- Wider 44mm faceplate boosts stiffness
- A favorite among Ritchey-sponsored sprinters
- 1-¼" steer tube clamp for Giant and Canyon bikes

| 4-AXIS 44 1-1/4" STEM | MATERIAL / CONSTRUCTION | FACEPLATE WIDTH | BOLTS | STEERER | STEERER HEIGHT | BAR | ANGLE | LENGTH | WEIGHT | FINISH |
|---|---|---|---|---|---|---|---|---|---|---|
| WCS | 3D FORGED 2014 | 44MM | SS | 1-1/4" | 42MM | 31.8 | 84/6 | 80, 90, 100, 110, 120, 130MM | 130G | BLATTE |

# PRO 30D




- Pro caliber features at a real-world racer price. Pro stems use the same design as WCS, but are forged from 6061 aluminum instead of the more exotic 7050 and 2014 alloys
- Angled steer tube clamp slot reduces stress on carbon steer tubes
- 3D net forged 6061 aluminum

| PRO 30D STEM | MATERIAL / CONSTRUCTION | FACEPLATE WIDTH | BOLTS | STEERER | STEERER HEIGHT | BAR | ANGLE | LENGTH | WEIGHT | FINISH |
|---|---|---|---|---|---|---|---|---|---|---|
| PRO | 3D FORGED 6061 | 40 | SS | 1-1/8" | 45 | 31.8 | 30° | 60, 70, 80, 90, 100, 110, 120MM | 155G | BB BLACK |

WEIGHTS SHOWN ARE FOR 110MM EXTENSION

# COMP 4-AXIS / COMP 30D

**GREAT BALANCE BETWEEN PERFORMANCE, CONVENIENCE AND COST**

- 3D-Net Forged 6061 alloy construction
- Angled steerer clamp helps prevent damage to lightweight aluminum and carbon steerer tubes
- Stainless steel bar and steerer clamp bolts
- 30 Degree rise and shorter length provide more fitting options




4-AXIS BB BLACK




COMP 4-AXIS HP BLACK




30D BB BLACK

| STEM | MATERIAL / CONSTRUCTION | FACEPLATEWIDTH | BOLTS | STEERER | STEERER HEIGHT | BAR | ANGLE | LENGTH | WEIGHT | FINISH |
|---|---|---|---|---|---|---|---|---|---|---|
| COMP 4-AXIS | 3D FORGED 6061 | 42MM | SS | 1-1/8" | 42MM | 31.8 | 84/6° | 60, 70, 80, 90, 100, 110, 120, 130MM | 160G | BB BLACK |
| COMP 4-AXIS | 3D FORGED 6061 | 42MM | SS | 1-1/8" | 42MM | 31.8 | 84/6° | 70, 80, 90, 100, 110, 120, 130MM | 160G | HP BLACK |
| COMP 30D | 3D FORGED 6061 | 40MM | SS | 1-1/8" | 45MM | 31.8 | 30° | 60, 70, 80, 90MM | 170G | BB BLACK |

# 4-AXIS ADJUSTABLE

**NEW FOR 2016**




- +/-55 degree range of height adjustment
- Precision 3D-Net shaped forged shaft interconnects with a precision broached clamp to create the strongest, lightest, most secure adjustable stem available
- Stainless steel bar and steerer clamp bolts




| STEM | MATERIAL / CONSTRUCTION | FACEPLATEWIDTH | BOLTS | STEERER | STEERER HEIGHT | BAR | ANGLE | LENGTH | WEIGHT | FINISH |
|---|---|---|---|---|---|---|---|---|---|---|
| ADJUSTABLE 4-AXIS | 3D FORGED 6061 | 42MM | SS | 1-1/8" | 40MM | 31.8 | +/-55° | 90, 105, 120MM | 219G (80MM) | BB BLACK |

# AVAILABLE STEM SIZE AND ANGLE COMBINATIONS

| SUPERLOGIC STEMS | DEGREE | 45 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SUPERLOGIC C-260° (1 1/8") | 84/6 | | | | X | X | X | X | X | X | |
| SUPERLOGIC C-260° (1 1/4") | 84/6 | | | | | X | X | X | X | X | |

| WCS STEMS | DEGREE | 45 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| WCS C260° | 84/6 | | | X | X | X | X | X | X | X | |
| WCS C260° | 25 | | | | X | X | X | X | | | |
| WCS MATRIX C220° | 84/6 | | | X | X | X | X | X | X | X | |
| WCS C220° | 84/6 | | X | X | X | X | X | X | X | X | X |
| WCS C220° | 73/17 | | | X | X | X | X | X | X | X | |
| WCS 4-AXIS 44 / 1-1/4" STEERER | 84/6 | | | | X | X | X | X | X | X | |

| TRAIL STEMS | DEGREE | 45 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| WCS TRAIL C220° | 0 | X | X | X | X | X | X | X | | | |
| WCS TRAIL C220° / 35MM CLAMP | 0 | X | X | X | X | X | | | | | |
| TRAIL C220° | 0 | X | X | X | X | X | X | X | | | |

| PRO STEMS | DEGREE | 45 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PRO 30D | 30 | | X | X | X | X | X | X | X | | |

| COMP STEMS | DEGREE | 45 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| COMP 4-AXIS | 84/6 | | X | X | X | X | X | X | X | X | |
| COMP 30D | 30 | | X | X | X | X | | | | | |

| CLASSIC STEMS | DEGREE | 45 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CLASSIC C-220° | 84/6 | | | X | X | X | X | X | X | X | |

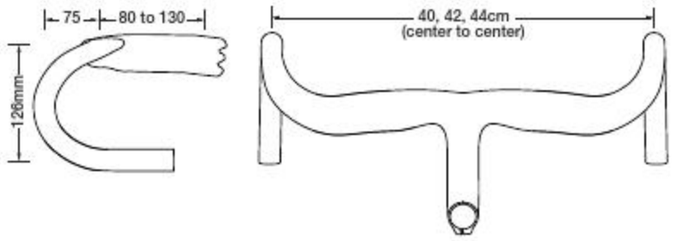
| RITCHEY ADJUSTABLE STEMS | DEGREE | 90 | 105 | 120 |
|---|---|---|---|---|
| 4-AXIS ADJUSTABLE | +40/-32 | X | X | X |

# WCS CARBON SOLOSTREEM INTEGRATED BAR/STEM **NEW FOR 2016**




A new breed of champion is born. Classic bend, UCI compliant aero top, integrated mount ready for K-Edge™ or similar devices.

- UCI legal aero top section with short/shallow classic drop
- Underside grooved cable routing for a sleek appearance
- Integrated accessory mounting holes
- Matte UD carbon
- Curved stem clamp great reduces steer stress
- 350g (42cm x100mm)










| CARBON SOLOSTREEM | MATERIAL / CONSTRUCTION | WIDTH | DROP / REACH | SWEEP / FLARE | STEM ANGLE | STEM LENGTH | STEERER | FINISH |
|---|---|---|---|---|---|---|---|---|
| CARBON WCS | CARBON MONOCOQUE WITH FORGED ALLOY STEERER CLAMP | 40CM | 126/75MM | 4.7/1° | 84° | 80, 90, 100MM | 28.6 | MATTE UD CARBON |
| CARBON WCS | CARBON MONOCOQUE WITH FORGED ALLOY STEERER CLAMP | 42CM | 126/75MM | 4.7/1° | 84° | 90, 100, 110, 120MM | 28.6 | MATTE UD CARBON |
| CARBON WCS | CARBON MONOCOQUE WITH FORGED ALLOY STEERER CLAMP | 44CM | 126/75MM | 4.7/1° | 84° | 90, 100, 110, 120, 130MM | 28.6 | MATTE UD CARBON |

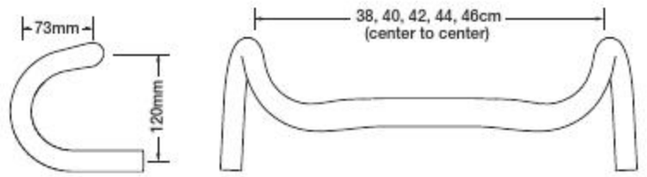
# EVOMAX **NEW FOR 2016**




Bell lap is bell lap no matter where you are. Twelve degree flared drop means forearm clearance when in the drops and greater leverage than a non-flared bar. An ideal shape for on or off road builds from a mixed terrain road bike to cross to mountain!

- Evo Curve shaped top with 12-degree flare of the drops – width measured at the bend
- Short reach, shallow drop with 4 degrees sweep at the ovalized top section with smooth, double-radius drops
- 7050 alloy
- Aero bar compatible
- 270g (42cm)
- COMP version available in 6061 alloy (292g @ 42cm)



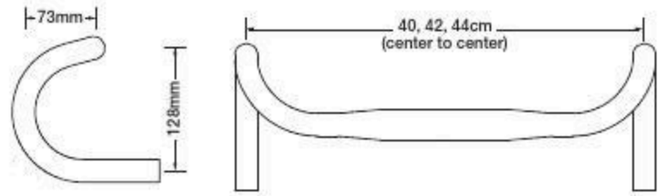

| EVOMAX BARS | MATERIAL / CONSTRUCTION | WIDTH (CENTER TO CENTER) | DROP / REACH | SWEEP / FLARE | DROP FLARE | WEIGHT | FINISH |
|---|---|---|---|---|---|---|---|
| WCS | TRIPLE BUTTED 7050 | 40, 42, 44, 46CM | 120/73MM | 4/0° | 12° | 270G | BLATTE, WET BLACK |
| COMP | DOUBLE BUTTED 6061 | 40, 42, 44, 46CM | 120/73MM | 4/0° | 12° | 292G | BB BLACK |

# WCS CARBON NEOCLASSIC **NEW FOR 2016**




**The choice of pros and enthusiasts alike!**

- Short and shallow bar with traditional bend
- 73mm reach / 128mm drop
- Classic drops with R75 bend for forearm clearance
- Printed scale on inside of drops for positioning brake hoods
- Extended center section for clip-on compatibility
- Matte UD carbon fiber finish
- 213g (42cm)









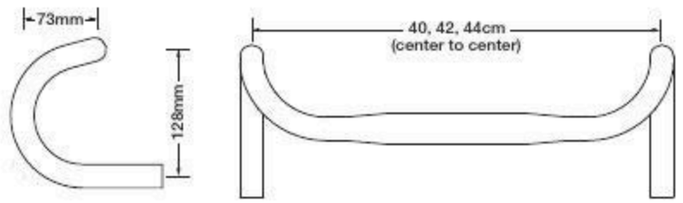
| WCS CARBON NEOCLASSIC BAR | MATERIAL / CONSTRUCTION | WIDTH (CENTER TO CENTER) | DROP / REACH | SWEEP / FLARE | WEIGHT | FINISH |
|---|---|---|---|---|---|---|
| CARBON WCS | CARBON MONOCOQUE | 40, 42, 44CM | 128/73MM | 0/0° | 213G | MATTE UD CARBON |

# NEOCLASSIC




An updated version of a timeless Ritchey handlebar bend—the NeoClassic features the traditional round drops that many Tour de France and Classics champions prefer, now updated with a shorter reach and shallower drop.

- Short reach, shallow drop with a traditional bend
- Center section is aero bar compatible
- Offers more hand positions in the drops than anatomical and ergo bends
- The preferred bend style of countless pro riders








CLASSIC HP SILVER



WCS WET BLACK



CLASSIC HP SILVER

| NEOCLASSIC BARS | MATERIAL / CONSTRUCTION | WIDTH (CENTER TO CENTER) | DROP / REACH | SWEEP / FLARE | WEIGHT | FINISH |
|---|---|---|---|---|---|---|
| WCS | TRIPLE BUTTED 7050 | 40, 42, 44CM | 128/73MM | 0/0° | 246G | BLATTE, WET BLACK |
| CLASSIC | DOUBLE BUTTED 6061 | 40, 42, 44CM | 128/73MM | 0/1° | 301G | HP SILVER |

# WCS CARBON STREEM™ II

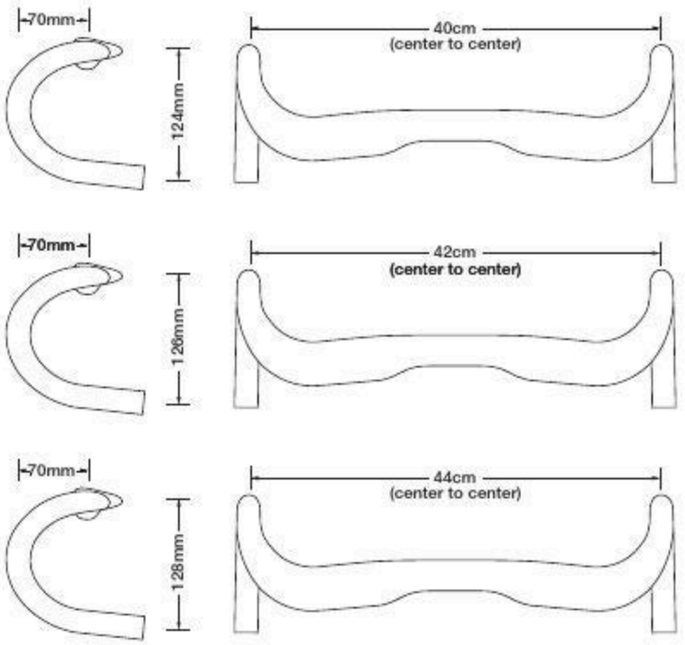







The Carbon Streem II features an extremely aggressive wing-shaped top section that saves watts while performing an incredibly comfortable hand position for cruising uphill. The drops feature a traditional bend—the choice of many Ritchey-sponsored pro riders.

- UCI compliant 43.5x16mm wing-shaped top section cuts through the wind
- Gentle sweep to tops and broad platform—great for seated climbing
- Internal cable groove—no need to tape all the way to the stem
- No-slip grit at stem and brake lever clamp areas




| CARBON STREEM II BARS | MATERIAL / CONSTRUCTION | WIDTH (CENTER TO CENTER) | DROP / REACH | SWEEP / FLARE | WEIGHT | FINISH |
|---|---|---|---|---|---|---|
| CARBON WCS | CARBON MONOCOQUE | 40, 42, 44CM | 124/70MM (40CM)<br>126/70MM (42CM)<br>128/70MM (44CM) | 4.7/1° | 235G | MATTE UD CARBON |

# STREEM II




The reinvented Streem II bar is built for speed. We pair a short reach, shallow drop anatomically bend with a wing-shaped top section that cuts through the wind and also offers a broad platform for your hands while climbing.

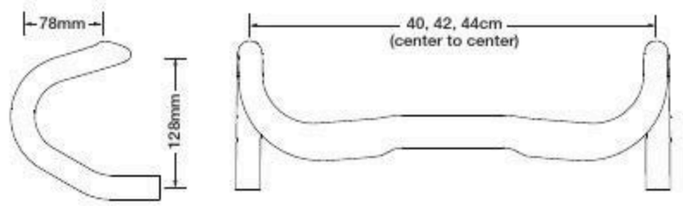
- UCI approved 38x22.5mm wing section for improved aerodynamics and a great feel for climbing
- Short reach, shallow drop with anatomical bend



WCS BLATTE



WCS BLATTE






COMP BB BLACK

| ALLOY STREEM II BARS | MATERIAL / CONSTRUCTION | WIDTH (CENTER TO CENTER) | DROP / REACH | SWEEP | WEIGHT | FINISH |
|---|---|---|---|---|---|---|
| WCS STREEM II | TRIPLE BUTTED 7050 | 40, 42, 44CM | 128/78MM | 4.7/0° | 275G | BLATTE, WET BLACK |
| COMP STREEM II | DOUBLE BUTTED 6061 | 40, 42, 44CM | 128/78MM | 4.7/0° | 325G | BB BLACK |

# EVOCURVE



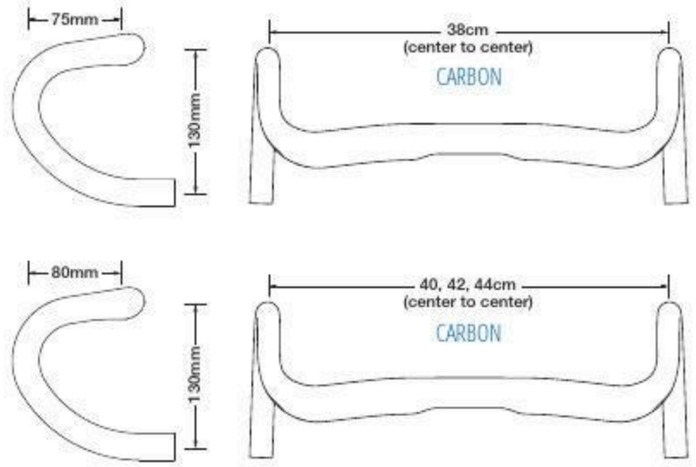


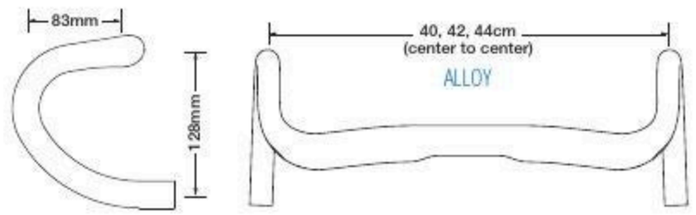

SUPERLOGIC MATTE UD CARBON



WCS MATTE UD CARBON

- Short reach, shallow drop with 4 degrees sweep at the ovalized top section and smooth, double-radius drops
- Center section is aero bar compatible
- No-slip grit at stem and brake lever mounting surfaces
- Cable grooves (SuperLogic and WCS Carbon only)



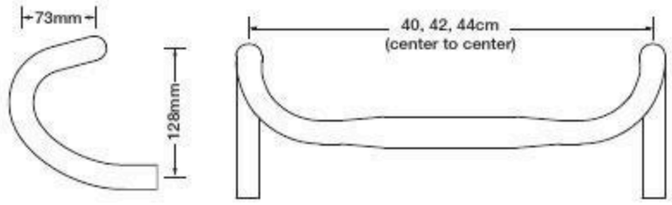

| EVOCURVE BARS | MATERIAL / CONSTRUCTION | WIDTH (CENTER TO CENTER) | DROP / REACH | SWEEP / FLARE | WEIGHT | FINISH |
|---|---|---|---|---|---|---|
| SUPERLOGIC | CARBON MONOCOQUE | 38, 40, 42, 44CM | 130/75MM (38CM)<br>130/80MM (40, 42, 44CM) | 4/2° | 195G | MATTE UD CARBON |
| CARBON WCS | CARBON MONOCOQUE | 40, 42, 44CM | 130/75MM (38CM)<br>130/80MM (40, 42, 44CM) | 4/2° | 220G | MATTE UD CARBON |
| WCS | TRIPLE BUTTED 7050 | 40, 42, 44CM | 128/83MM | 4/2° | 253G | BLATTE, WET BLACK |
| COMP | DOUBLE BUTTED 6061 | 40, 42, 44CM | 128/83MM | 4/2° | 330G | HP BLACK |

# LOGIC® CURVE BARS




WCS MATTE UD CARBON

- Short reach, shallow drop with a smooth, double-radius drop section
- Center section is aero bar compatible
- No-slip grit at stem and brake lever mounting surfaces (WCS Carbon and WCS only)








WCS BLATTE



COMP BB BLACK

| LOGIC CURVE BARS | MATERIAL / CONSTRUCTION | WIDTH (CENTER TO CENTER) | DROP / REACH | SWEEP / FLARE | WEIGHT | FINISH |
|---|---|---|---|---|---|---|
| CARBON WCS | CARBON MONOCOQUE | 40, 42, 44CM | 128/73MM | 0/1° | 210G | MATTE UD CARBON |
| WCS | TRIPLE BUTTED 7050 | 40, 42, 44, 46CM | 128/73MM | 0/1° | 235G | BLATTE |
| COMP | DOUBLE BUTTED 6061 | 38, 40, 42, 44, 46CM | 128/73MM | 0/1° | 301G | BB BLACK |

# LOGIC® II BARS




SUPERLOGIC MATTE UD CARBON

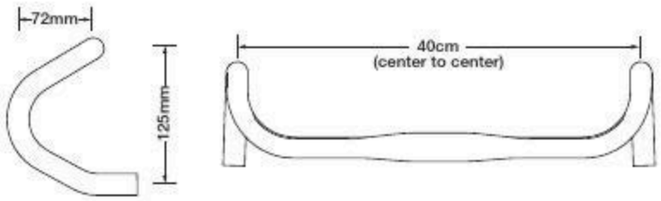


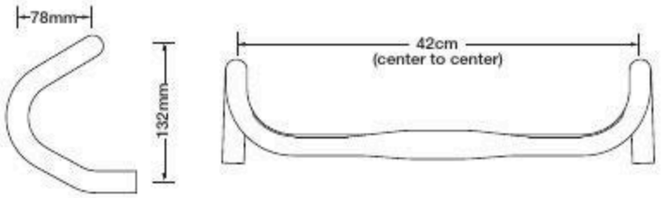
WCS BLATTE

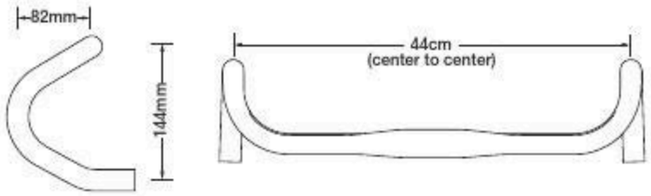


WCS WET BLACK

- Reach and drop progressively increases with bar width, ensuring optimal fit in every size
- Anatomical bend for wide spacing at the tops and ample forearm clearance in the drops




| LOGIC II BARS | MATERIAL / CONSTRUCTION | WIDTH (CENTER TO CENTER) | DROP / REACH | SWEEP / FLARE | WEIGHT | FINISH |
|---|---|---|---|---|---|---|
| SUPERLOGIC | CARBON MONOCOQUE | 40, 42, 44CM | 125/72MM (40CM)<br>132/78MM (42CM)<br>144/82MM (44CM) | 0/2° | 190G | MATTE UD CARBON |
| WCS | TRIPLE BUTTED 7050 | 38, 40, 42, 44CM | 125/72MM (38, 40CM)<br>132/78MM (42CM)<br>144/82MM (44CM) | 0/1° | 233G | BLATTE, WET BLACK |

# WCS CARBON BULLMOOSE




In 1978, Tom Ritchey raced the now-iconic Repack Downhill in Marin, California. He rode a borrowed bike, and as an accomplished elite racer, he found it pretty easy to go fast. Though he was on track for a win, halfway down the rough descent his bars slipped and rotated, causing the need to stop and move them back into place before continuing. "My time was not that far off from the winner, even considering the stop," Ritchey said, "I thought, all I need is a better handlebar and stem and I can win this thing."

Tom Ritchey was already making hundreds of steel stems to accompany his successful custom steel framebuilding business at the time, so he designed a one-piece bar and stem that eliminated any chance of slipping in addition to offering added stiffness. The design would be known as the "Bullmoose" – coinciding with Ritchey's first "Mountain Bike" in 1979. As this revolutionary new bike category took off, the Bullmoose was standard equipment on Ritchey mountain bikes and practically every other company's MTB, making the the Bullmoose bar the first of Tom Ritchey's many mountain bike innovations to gain widespread acceptance.

Now, over 35 years later, the Bullmoose bar is reborn. With carbon fiber construction and a forged alloy clamp, the new Bullmoose is lightweight with a finely-tuned ride feel thanks to the triangulated shape, which is ideally suited to support wider bars. Weight: 280g (80x730mm)

| BULLMOOSE BARS | MATERIAL / CONSTRUCTION | WIDTH | SWEEP | STEM ANGLE | STEM LENGTH | STEERER | FINISH |
|---|---|---|---|---|---|---|---|
| CARBON WCS | CARBON MONOCOQUE WITH FORGED ALLOY STEERER CLAMP | 720MM | 9° | 6° | 70MM | 28.6 | MATTE UD CARBON |
| CARBON WCS | CARBON MONOCOQUE WITH FORGED ALLOY STEERER CLAMP | 730MM | 9° | 6° | 80MM | 28.6 | MATTE UD CARBON |
| CARBON WCS | CARBON MONOCOQUE WITH FORGED ALLOY STEERER CLAMP | 740MM | 9° | 6° | 90, 100, 110MM | 28.6 | MATTE UD CARBON |

# CARBON RIZER™




SUPERLOGIC 15MM CARBON LOW RIZER

WCS 15MM CARBON TRAIL LOW RIZER

**NEW 780MM WIDTH**

WCS 15MM CARBON LOW RIZER

**NEW 740MM WIDTH**

WCS 30MM CARBON RIZER

Carbon Rizer bars utilize premium quality composites and are rigorously tested for impact strength and durability. They are approved for aggressive trail riding, yet still light enough for XC racing.

- Available in ideal bends and weights for cross-country, marathon, and enduro
- Long grip area maximizes accessory mounting space
- Trail version features 780mm width for leverage and control (800mm for 35mm OD)

| CARBON RIZER BARS | MATERIAL | WIDTH | RISE | WEIGHT | FINISH |
|---|---|---|---|---|---|
| SUPERLOGIC LOW RIZER | CARBON | 710MM | 15MM | 145G | MATTE UD CARBON |
| CARBON WCS TRAIL | CARBON | 780MM | 15MM | 204G | MATTE UD CARBON |
| WCS TRAIL 35.0MM DIAMETER | CARBON | 800MM | 15MM | 208G | MATTE UD CARBON |
| CARBON WCS LOW RIZER | CARBON | 740MM | 15MM | 180G | MATTE UD CARBON |
| CARBON WCS | CARBON | 710MM | 30MM | 180G | MATTE UD CARBON |

# ALLOY RIZER™




WCS 20MM TRAIL RIZER BLATTE

WCS 20MM TRAIL RIZER BLATTE / 35MM CENTER SECTION

WCS 20MM LOW RIZER BLATTE

COMP 30MM RIZER BB BLACK

- WCS level bars are constructed from single source seamless triple butted 7000 series alloy
- Long grip area maximizes accessory mounting space
- Trail version features 760mm (780mm for 35mm OD) width for leverage and control – cut guides provided for those looking for reduced width

| ALLOY RIZER BARS | MATERIAL | WIDTH | RISE | WEIGHT | FINISH |
|---|---|---|---|---|---|
| WCS TRAIL | TRIPLE BUTTED 7050 | 760MM | 20MM | 276G | BLATTE |
| WCS TRAIL | TRIPLE BUTTED 7050 | 760MM | 30MM | 276G | BLATTE |
| WCS TRAIL 35.0MM DIAMETER | TRIPLE BUTTED 7050 | 780MM | 20MM | 286G | BLATTE |
| WCS | TRIPLE BUTTED 7050 | 740MM | 20MM | 275G | BLATTE, WET BLACK |
| WCS | TRIPLE BUTTED 7050 | 740MM | 30MM | 275G | BLATTE |
| COMP | DOUBLE BUTTED 6061 | 740MM | 20MM | 380G | BB BLACK, HP BLACK |
| COMP | DOUBLE BUTTED 6061 | 740MM | 35MM | 380G | BB BLACK |
| COMP 25.4MM DIAMETER | DOUBLE BUTTED 6061 | 670MM | 30MM | 360G | BB BLACK |
| TRAIL | DOUBLE BUTTED 6061 | 760MM | 20MM | 375G | BB BLACK |

# FLAT +/-5MM CARBON



SUPERLOGIC CARBON / +5MM RISE POSITION



SUPERLOGIC CARBON / -5MM RISE POSITION



WCS CARBON / +5MM RISE POSITION



WCS CARBON TRAIL / +5MM RISE POSITION

The flat +/-5mm bar packs the materials technology, strength and weight you expect from a Ritchey bar, with an additional +/-5mm of height adjustment.

| FLAT +/-5MM CARBON BARS | MATERIAL | WIDTH | RISE | SWEEP | WEIGHT | FINISH |
|---|---|---|---|---|---|---|
| SUPERLOGIC | CARBON | 680MM | +/- 5MM | 9° | 165G | MATTE UD CARBON |
| CARBON WCS | CARBON | 710MM | +/- 5MM | 9° | 183G | MATTE UD CARBON |
| CARBON WCS TRAIL | CARBON | 740MM | +/- 5MM | 9° | 180G | MATTE UD CARBON |

# FLAT +/-5MM ALLOY



WCS TRAIL 2X BLATTE / +5MM RISE POSITION



WCS BLATTE / +5MM RISE POSITION



WCS WET BLACK / +5MM RISE POSITION



COMP BB BLACK / +5MM RISE POSITION

The +/-5mm bar is two bars in one: select 5mm of rise or drop while maintaining a 5 or 9 degree sweep. Great for 29er's and other bikes with tall front ends.

| FLAT +/-5MM ALLOY BARS | MATERIAL | WIDTH | RISE | SWEEP | WEIGHT | FINISH |
|---|---|---|---|---|---|---|
| WCS TRAIL | TRIPLE BUTTED 7050 | 720MM | +/- 5MM | 9° | 232G | BLATTE |
| WCS | TRIPLE BUTTED 7050 | 720MM | +/- 5MM | 9° | 232G | BLATTE, WET BLACK |
| WCS | TRIPLE BUTTED 7050 | 720MM | +/- 5MM | 5° | 232G | BLATTE |
| COMP | DOUBLE BUTTED 6061 | 720MM | +/- 5MM | 9° | 276G | BB BLACK |

# 10-DEGREE FLAT




- Unique shape of 10º bend flat bar preserves the hand position of a 5º bend bar without increasing stem length
- Textured stem clamp area reduces risk of bar slippage

| 10 DEGREE FLAT BARS | MATERIAL | WIDTH | BEND | WEIGHT | FINISH |
|---|---|---|---|---|---|
| WCS | TRIPLE BUTTED 7050 | 700MM | 10° | 235G | BLATTE |

# BAR ENDS



WCS CARBON MATRIX



WCS ERGO BLATTE



WCS ERGO WET BLACK



WCS BLATTE



COMP BB BLACK

- Angled clamp slot reduces stress on lightweight alloy or carbon fiber
- Features inward angle, perfect for use with Rizer bars

| BAR ENDS | MATERIAL / CONSTRUCTION | LENGTH | WEIGHT | FINISH |
|---|---|---|---|---|
| CARBON WCS MATRIX | 3D FORGED 6061 + CARBON | 85MM | 85G | MATTE UD CARBON |
| WCS | 3D FORGED 6061 | 85MM | 65G | BLATTE |
| WCS ERGO | 3D FORGED 6061 | 110MM | 90G | BLATTE, WET BLACK |
| COMP | 2 PIECE BONDED 6061 | 100MM | 160G | BB BLACK |

## WCS RACE TAPE **NEW FOR 2016**

When everything is on the line, questioning your handlebar wrap shouldn't be on your mind. Just the right amount of cushion and a grippy feel for enhanced hand to bar interaction. Available in an assortment of colors.

- Superlight PU with perforations, 1.8mm thick
- Embossed RITCHEY Logo
- Available in multiple colors
- Only 63g.



## WCS GEL RACE TAPE **NEW FOR 2016**

- Superlight PU + GEL backing for increased shock absorption
- Embossed RITCHEY Logo
- Available in multiple colors
- Only 90g.



# WCS PAVE TAPE **NEW FOR 2016**



When the going gets rough, the rough gets Pave. 3.5mm thick bar wrap provides extra cushion in any hand position.

- Superlight EVA foam + gel backing for increased shock absorption
- Embossed Ritchey Logo
- Available in black and white
- Only 77g



# COMP BAR TAPE



- Highest quality tape
- Embossed TR logo
- Shock absorbing, non-slip and sweat resistant
- 2 sided self adhesive backing
- 180cm length

# CLASSIC BAR TAPE



- Soft and supple premium quality synthetic leather
- Durable and grippy
- Available in brown and black



## WCS LOCKING TRAIL GRIP **NEW FOR 2016**




- Dual density, no-slip Kraton rubber
- Open end design
- Ergonomically designed with molded and raised TR logos
- Dual side secure locking with anodized and laser etched end caps
- Available in a variety of colors
- 135mm
- 32mm diameter
- 112g/pr



## COMP TRAIL GRIP **NEW FOR 2016**



- Single density, no-slip Kraton rubber
- Closed end design
- Ergonomically designed with molded an raised TR logos
- Available in a variety of colors
- 125mm
- 32mm diameter
- 116g/pr



## WCS TRUEGRIP X **NEW FOR 2016**




- 30mm outer diameter
- Only 93g for Kraton dual density locking grip
- 130mm long standard grip



## COMP TRUEGRIP X **NEW FOR 2016**




- Single density, no-slip Kraton rubber
- Closed end design
- Ergonomically designed with molded Ritchey and TR logos
- Available in a variety of colors
- 30mm diameter
- 106g/pr



## SUPERLOGIC ERGO TRUEGRIP **NEW FOR 2016**




- Ultra-light nano foam material
- 9g/pr without end plugs

## WCS ERGO TRUEGRIP




- Tough high-density foam is superlight, plush and grippy even in wet conditions
- Inner “hand-stop” collar
- 36g/pr without end plugs




## WCS ERGO LOCKING TRUEGRIP




- Tough high-density foam is superlight, plush and grippy even in wet conditions
- Slim anatomical shape
- 115g/pr without end plugs



## WCS TRUEGRIP




- Tough high-density foam is superlight, plush and grippy even in wet conditions
- Slim anatomical shape
- One of the lightest grips available
- 40g/pr without end plugs

## WCS LOCKING TRUEGRIPS




- A locking version of our best-selling grip series
- Tough high-density foam is superlight, plush and grippy even in wet conditions
- Slim anatomical shape
- 116g/pr without end plugs

## CLASSIC LOCKING GRIP **NEW FOR 2016**




- Premium quality genuine leather
- Excellent feel and durability with a timeless look
- 112g/pr



# CLASSIC GROUP






RITCHEY

# RITCHEY VECTOR EVO SADDLE SYSTEM

This is the first superlight saddle to offer honest, epic ride comfort.

Tom Ritchey has been riding 10,000 miles a year for 40 years—literally. That's almost half a million miles in the saddle. No other saddle developer has more test miles. Tom offered his first saddle design, the original Vector, in the 1990s. The Vector Evo is the saddle he's wanted to make for years, and now materials and manufacturing methods have finally made it possible.

The key to the system is the patented Vector Evo rail. Far more than just another 'mono rail' design, the Vector Evo acts like a carefully-tuned suspension system for your body weight, managing stress through the rail itself and into the Vector Wing. It allows an amount of lateral flex that flows with your pedal stroke, further eliminating hot spots on long rides. The design is also very strong and prevents the sag that most other lightweight saddles suffer.

There are other lightweight saddles out there, and other single-rail saddle designs from the 'big names'. But no other saddle system offers the level of refined ride comfort, weight savings and adjustment range as the Ritchey Vector Evo.

- Revolutionary patented design increases comfort, durability and adjustment range
- Carbon reinforced thermoplastic rail works with Vector Wing™ system to distribute stress and manage shell flex
- Superior compliance over traditional carbon rail saddles
- Rail material has qualities that absorb energy and diffuse stress
- Precisely tuned lateral flex allows the saddle to follow the rider's natural pedal motion
- Narrow clamping zone increases pedaling clearance
- Reverse hammock rail shape resists "sag" found in other saddles after long-term use
- Micro fiber cover and superlight foam
- For use with the versatile Ritchey LINK seatpost system




**RITCHEY VECTOR EVO**

THE END OF SAG: Other superlight saddles with traditional rail systems lack a degree of precision where shell meets rail. If these dimensions vary by even a millimeter or less (and they often do), a saddle shell will flex downward and stretch beyond the material's capacity, and eventually fail.

In contrast, the Vector Evo System uses a carbon reinforced thermoplastic rail with consistent dimensions and carefully tuned shell flex. There's a subtle arch in the rail which acts as of the suspension of the design, and also helps properly tension the shell and prevent unwanted sag—resulting in superlight comfort that lasts.

# SUPERLOGIC VECTOR EVO STREEM



RITCHEY VECTOR EVO

- Low profile design and narrow carbon fiber injected shell for stiffness and lightweight
- Micro fiber cover and superlight foam
- Low profile design
- Patented Vector Evo rail
- Vector Evo saddles require proprietary Ritchey LINK seatpost clamp which is included with the saddle
- Only 260g when combined with our SuperLogic post, making it the lightest post and saddle option on the market Patented Vector Wing design dissipates pressure more evenly



| STREEM SADDLES | RAILS | SHELL | COVER | DIMENSIONS | RAIL | COLOR | WEIGHT |
|---|---|---|---|---|---|---|---|
| SUPERLOGIC VECTOR EVO | CARBON FIBER | CARBON | MICRO FIBER | 278 X 132MM | VECTOR EVO SL | BLACK | 115G |

# STREEM

## NEW FOR 2016 – 132 AND 145MM WIDTHS!



WCS VECTOR EVO



WCS VECTOR EVO



## RITCHEY VECTOR EVO

- Patented Vector Wing design dissipates pressure more evenly
- Low profile design and narrow carbon fiber injected shell for stiffness and lightweight (WCS)
- Micro fiber cover and superlight foam (WCS)
- Low profile design
- Now available in 132 or 145mm widths (WCS)
- Available in patented Vector Evo model or standard 2-rail designs (WCS)
- Vector Evo saddles require proprietary Ritchey LINK seatpost clamp which is included with the saddle



WCS CARBON RAIL



WCS CARBON RAIL



WCS VECTOR EVO



COMP

| STREEM SADDLES | RAILS | SHELL | COVER | DIMENSIONS | RAIL | COLOR | WEIGHT |
|---|---|---|---|---|---|---|---|
| WCS VECTOR EVO | CARBON REINFORCED THERMOPLASTIC | NYLON + CARBON | MICRO FIBER | 278 X 132MM | VECTOR EVO | BLACK, WHITE | 175G |
| WCS VECTOR EVO | CARBON REINFORCED THERMOPLASTIC | NYLON + CARBON | MICRO FIBER | 278 X 145MM | VECTOR EVO | BLACK, WHITE | TBD |
| CARBON WCS | CARBON | NYLON + CARBON | MICRO FIBER | 278 X 132MM | 8 X 8.5 | BLACK, WHITE | 145G |
| CARBON WCS | CARBON | NYLON + CARBON | MICRO FIBER | 278 X 145MM | 8 X 8.5 | BLACK, WHITE | TBD |
| WCS | CRN/TI | NYLON + CARBON | MICRO FIBER | 278 X 132MM | 7 X 7 | BLACK, WHITE | 200G |
| WCS | CRN/TI | NYLON + CARBON | MICRO FIBER | 278 X 145MM | 7 X 7 | BLACK, WHITE | TBD |
| COMP | STEEL | NYLON + GLASS FIBER | SYNTHETIC LEATHER | 278 X 132MM | 7 X 7 | BLACK | 250G |

# ZEROMAX™



WCS VECTOR EVO



WCS VECTOR EVO



WCS VECTOR EVO



WCS CARBON RAIL

## RITCHEY VECTOR EVO

Tom Ritchey knows a lot about saddles. He's been riding for 40 years and designed the first Ritchey saddle—the original Vector—in 1994. The latest Ritchey saddles represent the pinnacle of what he's learned in terms of optimal shape as it pertains to pressure management and pedaling efficiency with one simple goal—a saddle that you'll forget about while riding, no matter how long your ride may be.

The ZeroMax is the newest shape in Tom's quest for ultimate saddle comfort. Featuring a deep pressure-reducing channel and a narrow front and middle section for plenty of pedaling clearance, along with the patented hotspot-eliminating Vector Wing rail mount design, the ZeroMax delivers what few saddles can: performance and comfort so good that it feels like nothing at all.

- Anatomically shaped channel reduces pressure on soft tissue
- Patented Vector Wing moves rail mounting points from sit bones to reduce pressure and hot spots
- Carbon injected shell for precision-tuned flex characteristics and optimal compliance
- Microfiber cover and superlight foam (WCS)
- Low profile design
- Available in patented Vector Evo model or standard 2-rail design
- Vector Evo saddles require proprietary Ritchey LINK seatpost clamp which is included with the saddle

| ZEROMAX SADDLES | RAILS | SHELL | COVER | DIMENSIONS | RAIL | COLOR | WEIGHT |
|---|---|---|---|---|---|---|---|
| WCS VECTOR EVO | CARBON REINFORCED THERMOPLASTIC | NYLON + CARBON | MICRO FIBER | 275 X 145MM | VECTOR EVO | BLACK, WHITE | 230G |
| CARBON WCS | CARBON | NYLON + CARBON | MICRO FIBER | 275 X 145MM | 8 X 8.5 | BLACK, WHITE | 150G |
| WCS | CRN/TI | NYLON + CARBON | MICRO FIBER | 275 X 145MM | 7 X 7 | BLACK, WHITE | 240G |
| COMP | STEEL | NYLON + GLASS FIBER | SYNTHETIC LEATHER | 275 X 145MM | 7 X 7 | BLACK | 335G |

# CONTRAIL



WCS VECTOR EVO

## RITCHEY VECTOR EVO

- Patented Vector Wing design dissipates pressure more evenly
- More padding than the Streem
- Superlight foam shape and narrow carbon fiber injection shell combine to make a new, comfortable performance driven saddle
- Lightweight and durable micro fiber cover available in black and white
- Available in patented Vector Evo model or standard 2-rail designs (WCS)
- Vector Evo saddles require proprietary Ritchey LINK seatpost clamp which is included with the saddle



WCS VECTOR EVO



WCS TI RAIL



WCS VECTOR EVO



WCS TI RAIL



COMP

| CONTRAIL SADDLES | RAILS | SHELL | COVER | DIMENSIONS | RAIL | COLOR | WEIGHT |
|---|---|---|---|---|---|---|---|
| WCS VECTOR EVO | CARBON REINFORCED THERMOPLASTIC | NYLON + CARBON | MICRO FIBER | 280 X 142MM | VECTOR EVO | BLACK, WHITE | 220G |
| WCS | CRN/TI | NYLON + CARBON | MICRO FIBER | 280 X 142MM | 7 X 7 | BLACK, WHITE | 250G |
| COMP | STEEL | NYLON + GLASS FIBER | SYNTHETIC LEATHER | 280 X 142MM | 7 X 7 | BLACK | 347G |

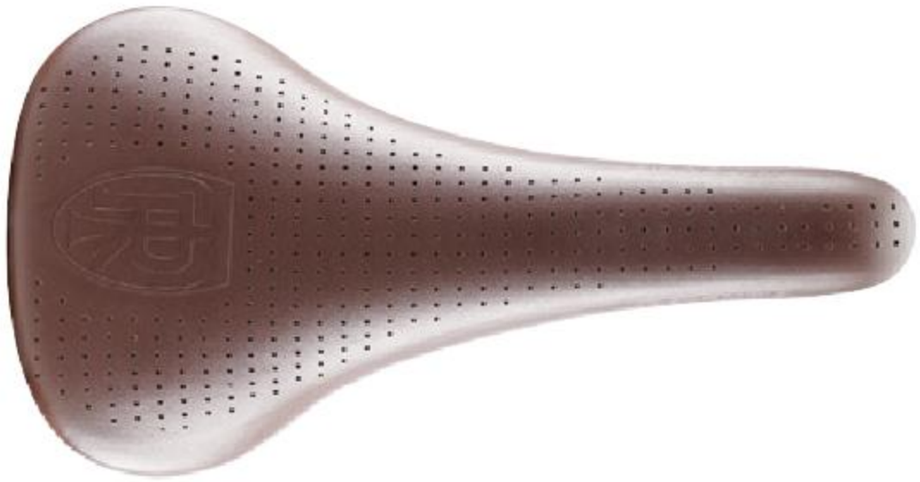
# CLASSIC



The Ritchey Classic saddle brings modern comfort and materials to a timeless shape and look. Beneath the rich, leather-like synthetic leather cover, there's just the right amount of advanced, pressure-diffusing lightweight foam, and the shape is a proven performer based on the original Ritchey Vector saddle.

- Traditional shape: wide tail and gradual taper towards nose
- Fiber-reinforced shell
- Lightweight CrMo steel rails







| CLASSIC SADDLE | RAILS | SHELL | COVER | DIMENSIONS | RAIL | COLOR | WEIGHT |
|---|---|---|---|---|---|---|---|
| CLASSIC | STEEL | NYLON + GLASS FIBER | SYNTHETIC LEATHER | 265 X 145MM | 7 X 7 | BROWN, BLACK | 285G |

# CARBON LINK

**NEW FOR 2016** – ZERO OFFSET



SUPERLOGIC CARBON

WCS CARBON

WCS CARBON 0 OFFSET

WCS CARBON TRAIL

The Ritchey two-bolt post reinvented—lighter, more compliant and more versatile than ever.

- Patented LINK clamp works with all standard saddle rail designs as well as Ritchey Vector Evo™ and Selle Italia MonoLink™ saddles with separate adapter
- 15mm of offset and a reversible clamp which allows for an additional 10mm of fore-aft saddle adjustment
- LINK Carbon posts use FlexLogic™ carbon layup developed for ProTour team bikes from Stevens, Canyon and Scott—15% more vertically compliant with no loss of lateral or torsional stiffness

RITCHEY VECTOR EVO

FLEX LOGIC

LINK SYSTEM

COMPATIBLE

| CARBON LINK POSTS | MATERIAL / CONSTRUCTION | DIAMETER | LENGTH | OFFSET | WEIGHT | FINISH |
|---|---|---|---|---|---|---|
| SUPERLOGIC | MONOCOQUE CARBON | 27.2, 30.9, 31.6MM | 350, 400 | 15MM | 145G | MATTE UD CARBON |
| CARBON WCS | MONOCOQUE CARBON | 27.2, 30.9, 31.6MM | 350, 400MM | 15MM | 181G | MATTE UD CARBON |
| CARBON WCS | MONOCOQUE CARBON | 27.2, 31.6MM | 350, 400MM | 0MM | 155G | MATTE UD CARBON |
| CARBON WCS TRAIL | MONOCOQUE CARBON | 27.2, 31.6MM | 400MM | 15MM | 181G | MATTE UD CARBON |

# ALLOY LINK



WCS BLATTE | WCS WET BLACK | WCS TRAIL | COMP BB BLACK

- Patented LINK clamp works with all standard saddle rail designs as well as Ritchey Vector Evo™ and Selle Italia MonoLink™ saddles with separate adapter
- 15mm of offset and a reversible clamp which allows for an additional 10mm of fore-aft saddle adjustment

RITCHEY VECTOR EVO

LINK SYSTEM COMPATIBLE

| ALLOY LINK POSTS | MATERIAL / CONSTRUCTION | DIAMETER | LENGTH | OFFSET | WEIGHT | FINISH |
|---|---|---|---|---|---|---|
| WCS | 3D FORGED 7050 | 27.2, 30.9, 31.6MM | 350, 400MM | 20MM | 230G | BLATTE, WET BLACK |
| WCS TRAIL | 3D FORGED 7050 | 27.2, 30.9, 31.6MM | 400MM | 15MM | 235G | BLATTE |
| COMP | 6061 2-PIECE PRESS-FIT | 27.2, 31.6MM | 400MM | 20MM | 284G | BB BLACK |

# ONE-BOLT



SUPERLOGIC CARBON
25MM OFFSET
MATTE UD CARBON



WCS CARBON
25MM OFFSET
MATTE UD CARBON



WCS CARBON
ZERO OFFSET
MATTE UD CARBON



WCS
20MM OFFSET
BLATTE



WCS
ZERO OFFSET
BLATTE

- Patented SideBinder™ clamp design uses a single 5mm bolt for quick, secure adjustment
- Precision forged alloy clamp assembly for strength
- Low-profile head for optimal saddle clearance and sleek lines
- Wide saddle clamp reduces stress on lightweight saddle rails
- Interchangeable clamps provide compatibility for all popular rail sizes

| ONE-BOLT POST | MATERIAL / CONSTRUCTION | DIAMETER | LENGTH | OFFSET | WEIGHT | FINISH |
|---|---|---|---|---|---|---|
| SUPERLOGIC | CARBON MONOCOQUE | 27.2, 30.9, 31.6MM | 350, 400MM | 25MM | 148G (27.2/300) | MATTE UD CARBON |
| CARBON WCS | CARBON MONOCOQUE | 27.2, 30.9, 31.6MM | 350, 400MM | 25MM | 185G (27.2/300) | MATTE UD CARBON |
| CARBON WCS | CARBON MONOCOQUE | 27.2, 31.6MM | 350, 400MM | 0MM | 157G (27.2/350) | MATTE UD CARBON |
| WCS | 3D FORGED 2014 | 27.2, 30.9, 31.6MM | 300, 350MM | 20MM | 195G (27.2/350) | BLATTE, WET BLACK, WET RED |
| WCS | 3D FORGED 2014 | 27.2, 31.6MM | 350, 400MM | 0MM | 195G (27.2/350) | BLATTE |



# TWO-BOLT




COMP CARBON
25MM OFFSET
UD CARBON




COMP
25MM OFFSET
BB BLACK



CLASSIC
25MM OFFSET
HP SILVER

- Two-bolt design for easy to adjust, vise-like grip
- Low profile clamp reduces stress on lightweight rails and won't bottom out
- Bolts oriented to the axis of the rails for greatest contact area with the saddle

| TWO-BOLT POSTS | MATERIAL / CONSTRUCTION | CRADLE | DIAMETER | LENGTH | OFFSET | WEIGHT | FINISH |
|---|---|---|---|---|---|---|---|
| CARBON COMP | PRESS BONDED CARBON/6061 | 43X38 | 27.2, 31.6MM | 350MM, 400MM | 25MM | 229G | UD CARBON |
| COMP | 3D FORGED 6061 | 43X38 | 27.2, 30.9, 31.6MM | 400MM | 25MM | 250G | BB BLACK |
| **CLASSIC** | 3D FORGED 2014 | 43X38 | 27.2, 30.9, 31.6MM | 350MM | 25MM | 245G | HP SILVER |

# ONE-BOLT INTEGRATED SEAT MAST TOPPER



- Patented SideBinder™ one-bolt clamp design facilitates easy installation and adjustment
- Increased range of adjustment over other clamp systems
- Designed for frames with integrated seat tubes

| SEAT MAST TOPPER | DIAMETER (MM) | OFFSET | LENGTHS | |
|---|---|---|---|---|
| | | | 50MM | 70MM |
| WCS | 30.25 | 8 | X | |
| | 30.25/34.9 | 25 | | X |
| | 34.9 | 25 | X | |
| | 38.35 | 8 | X | X |

# SEATPOST CLAMP KITS



RITCHEY VECTOR EVO™ FOR LINK POSTS
(*SUPERLOGIC VERSION ALSO AVAILABLE)



STANDARD RAIL
FOR LINK POSTS



SELLE ITALIA MONOLINK™
FOR LINK POSTS



1-BOLT CLAMPS FOR STANDARD ALLOY
AND CARBON RAILS

# DI2 SEATPOST BATTERY MOUNT



- Securely hide your Di2 Battery within your seatpost
- Available in two sizes
- Does not include Di2 battery
- 10g









# AVAILABLE SEATPOST OPTIONS

| SUPERLOGIC POSTS | DIAMETER (MM) | OFFSET | 350MM | 400MM |
|---|---|---|---|---|
| SUPERLOGIC CARBON LINK | 27.2 | 15 | X | |
| | 30.9/31.6 | 15 | | X |
| SUPERLOGIC CARBON ONE-BOLT | 27.2 | 25 | X | |
| | 30.9 | 25 | | X |
| | 31.6 | 25 | | X |

| WCS POSTS | DIAMETER (MM) | OFFSET | 350MM | 400MM |
|---|---|---|---|---|
| WCS CARBON LINK | 27.2 | 0 | X | |
| | 31.6 | 0 | | X |
| | 27.2 | 15 | X | |
| | 30.9/31.6 | 15 | | X |
| WCS LINK | 27.2 BLATTE ONLY | 20 | X | |
| | 27.2/30.9/31.6 | 20 | | X |
| WCS CARBON TRAIL | 27.2/31.6 | 15 | | X |
| WCS TRAIL | 27.2/30.9/31.6 | 20 | | X |
| WCS CARBON ONE-BOLT | 27.2 | 25 | X | |
| | 30.9 | 25 | | X |
| | 31.6 | 25 | | X |
| | 27.2 | 0 | X | |
| | 31.6 | 0 | | X |
| WCS ALLOY ONE-BOLT | 27.2 BLATTE | 0 | X | |
| | 31.6 BLATTE | 0 | | X |
| | 31.6 WET BLACK | 20 | | X |
| | 27.2 WET RED | 20 | X | |
| | 27.2 BLATTE | 20 | X | |
| | 30.9/31.6 BLATTE | 20 | | X |

| COMP POSTS | DIAMETER (MM) | OFFSET | 350MM | 400MM |
|---|---|---|---|---|
| COMP LINK | 27.2/31.6 | 20 | | X |
| COMP CARBON TWO-BOLT (UD MATTE) | 27.2 | 25 | X | X |
| | 31.6 | 25 | X | X |
| COMP | 27.2/30.9/31.6 | 25 | | X |

| CLASSIC POSTS | DIAMETER (MM) | OFFSET | 350MM | 400MM |
|---|---|---|---|---|
| CLASSIC | 27.2/30.9/31.6 | 25 | X | |

## WCS CARBON DISC CROSS

Designed from the ground up to manage the unique stresses a disc brake demands—including a carbon layup that resists twisting under hard braking.

- Monocoque construction
- Compatible with standard and integrated headsets
- Integrated 45 degree crown race (works with any headset with a 45 degree bearing interface)
- Carbon dropouts and disc mount
- 140 or 160mm rotor compatibility
- 440g

## WCS CARBON CROSS

- Specially formed blades provide precision handling and superb vibration damping
- Designed to work with either integrated headsets or standard headsets
- Integrated crown race
- Monocoque construction
- One of the lightest cyclocross forks on the market
- Integrated 45 degree crown race (works with any headset with a 45 degree bearing interface)



COMP CROSS 1-1/8"



WCS CROSS DISC

WCS CROSS CANTI

| CARBON CROSS FORK | BLADE | CROWN | STEERER | RAKE | BLADE SHAPE | DROP OUT | CROWN DIA. | AXLE TO CROWN | SIZE | FINISH | WEIGHT | BRAKE MOUNT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CARBON WCS | CARBON | CARBON | CARBON | 45MM | CURVED | CARBON | 45MM | 395MM | 700C | MATTE UD CARBON | 440G | DISC |
| CARBON WCS | CARBON | CARBON | CARBON | 45MM | CURVED | CARBON | 45MM | 395MM | 700C | MATTE UD CARBON | 448G | CANTI |
| CARBON COMP 1-1/8" | CARBON | ALLOY | ALLOY | 45MM | CURVED | ALLOY | 46MM | 390MM | 700C | 3K CARBON | 680G | CANTI |

# WCS CARBON MOUNTAIN

Finely tuned ride feel—laterally and torsionally stiff with just the right amount of give to smooth out roots and rock gardens.

- One piece carbon crown and steer tube section with molded legs
- Full carbon dropouts and brake mount
- Suspension-corrected axle-crown height based on 100mm suspension fork
- 29er and 27.5”/650b versions available



WCS TAPERED CARBON



WCS CARBON

| CARBON MOUNTAIN FORKS | BLADE | CROWN | STEERER | RAKE | BRAKE MOUNT | DROP OUT | CROWN DIA. | AXLE TO CROWN | SIZE | FINISH | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CARBON WCS | CARBON | CARBON | TAPERED CARBON | 42MM | POST | CARBON | 61MM | 459MM | 27.5” | MATTE UD CARBON | 660G |
| CARBON WCS | CARBON | CARBON | CARBON | 42MM | POST | CARBON | 50MM | 459MM | 27.5” | MATTE UD CARBON | 615G |
| CARBON WCS | CARBON | CARBON | TAPERED CARBON | 45MM | POST | CARBON | 61MM | 470MM | 29” | MATTE UD CARBON | 672G |
| CARBON WCS | CARBON | CARBON | CARBON | 45MM | POST | CARBON | 50MM | 470MM | 29” | MATTE UD CARBON | 625G |

# WCS CARBON ROAD FORK

- One piece carbon monocoque design
- High Modulus Fiber (HMF) for superior strength
- Fiber orientation has been optimized to absorb and dissipate loads
- Smooth internal fiber flow in crown/steerer area to deliver best force transfer from crown to shaft and increased impact strength
- Available in 43 or 45mm rake versions




| CARBON ROAD FORKS | BLADE | CROWN | STEERER | RAKE | DROP OUT | CROWN DIA. | AXLE TO CROWN | FINISH | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|
| CARBON WCS | CARBON | CARBON | CARBON | 43/45MM | ALLOY | 45MM | 368MM | UD GLOSSY CARBON | 299G |

# COMP CARBON ROAD FORKS

- Carbon legs and crown bonded to alloy steer tube
- Optimized fiber orientation to absorb and dissipate loads
- Timeless curved silhouette looks great on any bike




COMP

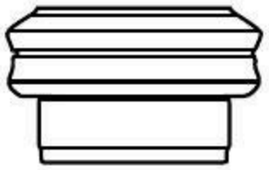



COMP 1"

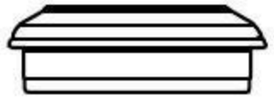
| CARBON ROAD FORKS | BLADE | CROWN | STEERER | RAKE | DROP OUT | CROWN DIA. | AXLE TO CROWN | FINISH | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|
| CARBON COMP | CARBON | ALLOY | ALLOY | 43MM | ALLOY | 45MM | 368MM | UD GLOSSY CARBON | 540G |
| CARBON COMP 1" | CARBON | ALLOY | ALLOY | 45MM | ALLOY | 35MM | 365MM | 3K GLOSSY CARBON | 467G |

# HEADSET SELECTION

## 1) DETERMINE YOUR HEADSET TYPE



STANDARD/TRADITIONAL EXTERNAL CUPS
PRESSED INTO HEADTUBE
(EC OR EXTERNAL CUP)

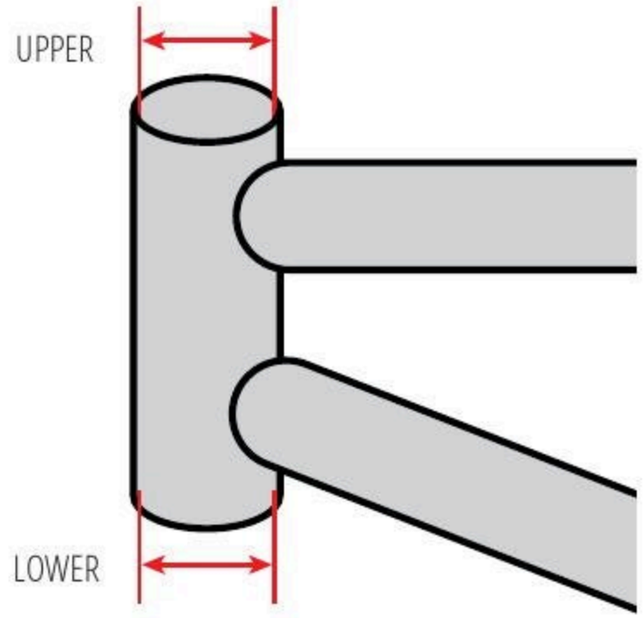


PRESS FIT WITH INTERNAL CUPS PRESSED INTO HEADTUBE
(ZS OR ZERO STACK)

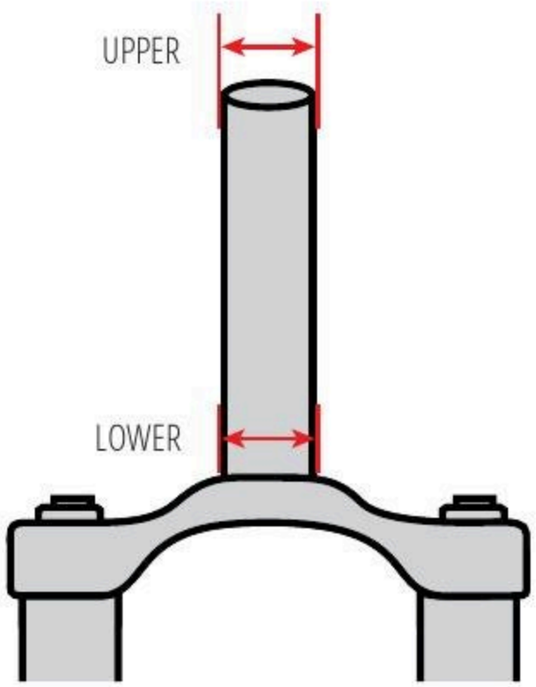


DROP IN WITH BEARINGS FITTED DIRECTLY INTO HEADTUBE
(IS OR INTEGRATED)

## 2) MEASURE THE INTERNAL DIAMETER OF THE HEAD TUBE, BOTH UPPER AND LOWER.




## 3) MEASURE THE OUTSIDE DIAMETER OF THE FORK AT BOTH THE TOP OF THE STEER TUBE AND AT THE FORK CROWN




## 4) USE THE MEASUREMENTS FROM STEPS 2 AND 3 TO SELECT THE APPROPRIATE HEADSET UPPER AND LOWER ASSEMBLIES

# LOGIC® STANDARD

- Premium quality SuperLogic headset with ceramic hybrid bearings and dual-lip labyrinth seals for superior sealing and performance
- Lightweight, precision-machined aluminum cups
- Logic = Smaller upper angular cartridge bearing saves weight, larger lower angular cartridge bearing boost strength and durability
- Uses Ritchey grease and sealed design for years of trouble-free performance




SUPERLOGIC




WCS LOGIC




WCS LOGIC CROSS




PRO LOGIC




COMP LOGIC




LOGIC 1-1/8" BALL BEARING




LOGIC 1-1/8" THREADED BALL BEARING




LOGIC 1" THREADED BALL BEARING

| LOGIC HEADSET | STACK HEIGHT | COMPONENT MATERIAL | UPPER FIT (S.H.I.S.) | LOWER FIT (S.H.I.S.) | BEARING | WEIGHT |
|---|---|---|---|---|---|---|
| SUPERLOGIC | 26.9MM | ALLOY | EC34/28.6 | EC34/30 | CERAMIC HYBRID | 95G |
| WCS | 28.3MM | ALLOY | EC34/28.6 | EC34/30 | SEALED CARTRIDGE TI COATED | 103G |
| WCS LOGIC CROSS | 36.6MM | ALLOY | EC34/28.6 | EC34/30 | SEALED CARTRIDGE TI COATED | 120G |
| WCS 1" | 28MM | ALLOY | EC30/25.4 | EC30/26 | SEALED CARTRIDGE TI COATED | 94G |
| PRO | 32MM | ALLOY | EC34/28.6 | EC34/30 | SEALED CARTRIDGE | 111G |
| COMP | 30.2MM | CROMO | EC34/28.6 | EC34/30 | SEMI-CARTRIDGE | 160G |
| LOGIC | N/A | CRMO/PLASTIC | EC34/28.6 | EC34/30 | BALL BEARING | N/A |
| LOGIC 1" | N/A | CRMO/PLASTIC | EC34/28.6 | EC34/30 | BALL BEARING | N/A |
| LOGIC THREADED 1-1/8" | N/A | CRMO/PLASTIC | EC34/28.6 | EC34/30 | BALL BEARING | N/A |
| LOGIC THREADED 1" | N/A | CRMO/PLASTIC | EC30/25.4 | EC30/26 | BALL BEARING | N/A |

# PRESS FIT

- Carbon headsets in matte UD carbon finish
- Corrosion-resistant Ti-coated bearings used in WCS Carbon and WCS headsets
- Patented BlockLock design uses a grooved headset cup and an interlocking bolt-on collar—this design prevents your handlebars from turning past 90 degrees to prevent dented top tubes and ruined frames




SUPERLOGIC PF




SUPERLOGIC PF TAPER




WCS CARBON UPPER
8.0MM TOP CAP




WCS CARBON UPPER
12.4MM TOP CAP




WCS UPPER
7.3MM TOP CAP




WCS UPPER
12.4MM TOP CAP




WCS CROSS UPPER
12.4MM TOP CAP




COMP UPPER
7.3MM TOP CAP



WCS 1-1/8" LOWER



WCS 1-1/4" LOWER



WCS 1-1/2" LOWER




COMP BLOCKLOCK
16.0MM TOP CAP

# PRESS FIT

| PRESS FIT HEADSETS | TOP CAP | MATERIAL | UPPER FIT (S.H.I.S.) | LOWER FIT (S.H.I.S.) | UPPER HT OD/ID | LOWER HT OD/ID | BEARING | WEIGHT |
|---|---|---|---|---|---|---|---|---|
| SUPERLOGIC | 12.5MM | ALLOY | ZS44/28.6 | ZS44/30 | 50/44 | 50/44 | CERAMIC HYBRID | 79G |
| SUPERLOGIC TAPER | 12.1MM | ALLOY | ZS44/28.6 | ZS55/40 | 50/44 | 61/55 | CERAMIC HYBRID | 99G |

| PRESS FIT HEADSET UPPERS | TOP CAP | MATERIAL | UPPER FIT (S.H.I.S.) | LOWER FIT (S.H.I.S.) | UPPER HT OD/ID | LOWER HT OD/ID | BEARING | WEIGHT |
|---|---|---|---|---|---|---|---|---|
| CARBON WCS | 8.0MM | CARBON/ALLOY | ZS44/28.6 | - | 50/44 | - | SEALED CARTRIDGE TI COATED | 44G |
| CARBON WCS | 12.4MM | CARBON/ALLOY | ZS44/28.6 | - | 50/44 | - | SEALED CARTRIDGE TI COATED | 52G |
| WCS | 7.3MM | ALLOY | ZS44/28.6 | - | 50/44 | - | SEALED CARTRIDGE TI COATED | 43G |
| WCS | 12.4MM | ALLOY | ZS44/28.6 | - | 50/44 | - | SEALED CARTRIDGE TI COATED | 49G |
| WCS CROSS | 12.4MM | ALLOY | ZS44/28.6 | - | 50/44 | - | SEALED CARTRIDGE TI COATED | 68G |
| CHP CARTRIDGE | 7.3MM | CROMO | ZS44/28.6 | - | 50/44 | - | SEALED CARTRIDGE | 43G |
| CHP CARTRIDGE | 12.4MM | CROMO | ZS44/28.6 | - | 50/44 | - | SEALED CARTRIDGE | 51G |
| CHP BLOCKLOCK | 16.0MM | CROMO | ZS44/28.6 | - | 50/44 | - | SEALED CARTRIDGE | 64G |

| PRESS FIT HEADSETS LOWERS | TOP CAP | MATERIAL | UPPER FIT (S.H.I.S.) | LOWER FIT (S.H.I.S.) | UPPER HT OD/ID | LOWER HT OD/ID | BEARING | WEIGHT |
|---|---|---|---|---|---|---|---|---|
| WCS | - | ALLOY | - | ZS44/30 | - | 50/44 | SEALED CARTRIDGE TI COATED | 34G |
| WCS | - | ALLOY | - | ZS49/33 | - | 55/49 | SEALED CARTRIDGE TI COATED | 46G |
| WCS | - | ALLOY | - | ZS55/40 | - | 61/55 | SEALED CARTRIDGE TI COATED | 52G |
| WCS | - | ALLOY | - | ZS56/40 | - | 62/56 | SEALED CARTRIDGE TI COATED | 54G |
| CHP CARTRIDGE | - | CROMO | - | ZS44/30 | - | 50/44 | SEALED CARTRIDGE | 40G |
| CHP CARTRIDGE | - | CROMO | - | ZS55/40 | - | 61/55 | SEALED CARTRIDGE | 52G |

* FOR INFO ON S.H.I.S. SEE BICYCLE HEADSETS.COM.

# HEADSET SPACERS

- Available in 5mm and 10mm precut heights
- Outer diameter is contoured to blend with Ritchey stem OD
- CNC machined for precision
- Alloy spacers available in BB black




33MM OD UD CARBON 5 AND 10MM




ALLOY 5 AND 10MM

| SPACERS | MATERIAL | FINISH | HEIGHT 5MM | HEIGHT 10MM |
|---|---|---|---|---|
| CARBON WCS | CARBON | MATTE UD CARBON | X | X |
| WCS | ALLOY | BB BLACK | X | X |

# DROP IN

- Carbon headsets available in 3K and UD finishes
- Corrosion-resistant Ti-coated bearings used in WCS and WCS Carbon headsets



WCS UPPER
8.3MM TOP CAP



WCS CROSS UPPER
15.3MM TOP CAP



COMP UPPER
8.3MM TOP CAP



COMP UPPER
15.3MM TOP CAP



WCS 1-1/8" LOWER



WCS 1-1/4" LOWER



WCS 1-1/2" LOWER



COMP 1-1/2" LOWER

| DROP IN HEADSET UPPERS | TOP CAP | MATERIAL | UPPER FIT (S.H.I.S.) | LOWER FIT (S.H.I.S.) | UPPER BEARING OD | LOWER BEARING OD | TOP COVER OD | BEARING | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|
| WCS | 8.3MM | ALLOY | IS42/28.6 | - | 41.8 | - | 46 | SEALED CARTRIDGE TI COATED | 36G |
| WCS CROSS | 15.3MM | ALLOY | IS42/28.6 | - | 41.8 | - | 46 | SEALED CARTRIDGE TI COATED | 42G |
| COMP CARTRIDGE | 8.3MM | ALLOY | IS42/28.6 | - | 41.8 | - | 46 | SEALED CARTRIDGE | 35G |
| COMP CARTRIDGE | 15.3MM | ALLOY | IS42/28.6 | - | 41.8 | - | 46 | SEALED CARTRIDGE | 44G |

| DROP IN HEADSET LOWERS | TOP CAP | MATERIAL | UPPER FIT (S.H.I.S.) | LOWER FIT (S.H.I.S.) | UPPER BEARING OD | LOWER BEARING OD | TOP COVER OD | BEARING | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|
| WCS | - | ALLOY | - | IS42/30 | - | 46/42 | - | SEALED CARTRIDGE TI COATED | 28G |
| WCS | - | ALLOY | - | IS47/33 | - | 52/47 | - | SEALED CARTRIDGE TI COATED | 35G |
| COMP CARTRIDGE | - | ALLOY | - | IS42/30 | - | 46/42 | - | SEALED CARTRIDGE | 39G |
| COMP CARTRIDGE | - | ALLOY | - | IS52/40 | - | 56/52 | - | SEALED CARTRIDGE | 39G |

# WCS CARBON ECHELON ROAD



The world-beating performance of the Echelon just got better, thanks to the addition of a high-strength carbon fiber body that drops this already lightweight pedal down to an incredible 220 grams a set.

- Combination of bushings and bearings for extremely long life
- Low profile cleat-to-axle interface for maximum pedaling efficiency
- Adjustable spring tension
- Composite body and claw
- Stainless steel cleat plate for excellent wear and no noise
- Sealed cartridge outer bearing
- Adjustable tension with extra-strong springs for powerful riders
- Works with Ritchey cleats or Look KEO™ cleats







| ECHELON CARBON ROAD | BODY | AXLE MATERIAL | CLAW | INNER BEARING | MIDDLE BEARING | OUTER BEARING | FLOAT | COMPATABILITY | FINISH | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|
| CARBON WCS ECHELON | CARBON THERMO-PLASTIC BODY | CROMO | CARBON REINFORCED THERMOPLASTIC | BUSHING | NEEDLE | SEALED CARTRIDGE | 7° | LOOK KEO™ | UD MATTE | 220G |

# WCS ECHELON ROAD




- The Echelon offers a proven pedal design in a lightweight, reasonably-priced package
- Combination of bushings and bearings for extremely long life
- Low profile cleat/pedal interface for maximum pedaling efficiency
- Adjustable spring tension
- Long-life aluminum body and high strength carbon claw
- Sealed cartridge outer bearing
- Works with Ritchey cleats or Look KEO™ cleats




| ECHELON ROAD | BODY | AXLE MATERIAL | CLAW | INNER BEARING | MIDDLE BEARING | OUTER BEARING | FLOAT | COMPATABILITY | FINISH | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|
| WCS ECHELON | FORGED ALLOY | CROMO | NYLON/CARBON | BUSHING | NEEDLE | SEALED CARTRIDGE | 7° | LOOK KEO™ | BLACK | 250G |

# WCS MICRO ROAD

**NEW FOR 2016**







## The perfect gravel bike pedal is back.

Standard road pedals and cleats will get jammed with rocks and mud, and mountain bike pedals are heavier and offer less cornering clearance, which is critical when combined with a road bike's lower BB height. Enter Tom Ritchey's personal favorite pedal, the Pro Micro Road—the only road pedal that can keep going when the pavement ends.

- Proven retention system offers fast, predictable entry and release and excellent mud-shedding characteristics
- Superlight one-sided stainless steel body
- Incredible cornering clearance
- SPD cleat and shoe convenience for those occasional dismounts
- Low profile design offers exceptionally low axle-to-cleat height for optimal pedaling efficiency
- Upgraded axle and bearing system Bushing, needle and cartridge bearing system for long service life
- Only 208g (pair)

| WCS MICRO ROAD | BODY | AXLE MATERIAL | CLAW | INNER BEARING | OUTER BEARING | FLOAT | COMPATABILITY | FINISH | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|
| WCS | STAINLESS STEEL | CROMO | ALLOY | BUSHING | NEEDLE/BALL | 5° | RITCHEY | NICKLE | 208G |

# WCS XC MOUNTAIN **NEW FOR 2016**

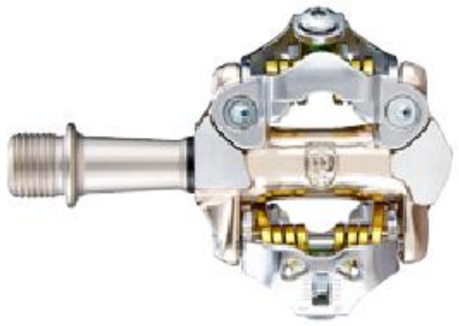


Ritchey's world-beating Paradigm pedal has been redesigned from the ground up. A new engagement system with a fixed front claw now provides best-in-class entry and release and excellent mud-shedding characteristics. The axle system has been revamped for even greater bearing life while achieving an even lower axle-cleat height than the previous design, and a wider body improves stability.

At Ritchey, a new design isn't proven until it's survived the crucible of World Cup competition—and this all-new pedal has been in service with Nino Schurter and the Scott-Oldo team for most of the 2015 season and has already racked up some impressive wins.

- Forged alloy body, stainless claws and CrMo steel axle
- Bushing, needle and cartridge bearing system for long service life and excellent protection from the elements
- Completely serviceable
- 298g (pair)





| WCS XC | BODY | AXLE MATERIAL | INNER BEARING | MIDDLE BEARING | OUTER BEARING | FLOAT | FINISH | WEIGHT |
|---|---|---|---|---|---|---|---|---|
| WCS | FORGED ALLOY | CROMO | BUSHING | NEEDLE | SEALED CARTRIDGE | 4° | POLISHED SATIN TI | 298G |

# WCS TRAIL MOUNTAIN **NEW FOR 2016**



The WCS Trail pedal packs in all the design upgrades as the new WCS XC, but adds a forged alloy cage for a larger footprint and even greater stability.

- Forged alloy body,  stainless claws and CrMo steel axle
- Bushing, needle and cartridge bearing system for long service life and excellent protection from the elements
- Completely serviceable
- 347g (pair)





| WCS TRAIL | BODY | AXLE MATERIAL | INNER BEARING | MIDDLE BEARING | OUTER BEARING | FLOAT | FINISH | WEIGHT |
|---|---|---|---|---|---|---|---|---|
| WCS | FORGED ALLOY | CROMO | BUSHING | NEEDLE | SEALED CARTRIDGE | 4° | BLACK | 347G |

# COMP TRAIL MOUNTAIN **NEW FOR 2016**



- Cast aluminum body with steel axle
- Low profile bodies
- Burnished bearing surfaces
- Large platform for improved shoe contact for increased stability and control
- Available in black, white, red, orange, yellow, green and sky blue
- 402g (pair)





| COMP TRAIL | BODY | AXLE MATERIAL | INNER BEARING | OUTER BEARING | FLOAT | FINISH | WEIGHT |
|---|---|---|---|---|---|---|---|
| COMP | CAST ALLOY | CROMO | BALL BEARING | BALL BEARING | 4° | BLACK, WHITE, RED, ORANGE, YELLOW, GREEN, SKY BLUE | 402G |

# COMP XC MOUNTAIN **NEW FOR 2016**



- Low profile body
- Smooth burnished bearing surfaces
- Available in black, white, red, orange, yellow, green and sky blue
- 331g (pair)







| COMP V4 | BODY | AXLE MATERIAL | INNER BEARING | OUTER BEARING | FLOAT | FINISH | WEIGHT |
|---|---|---|---|---|---|---|---|
| COMP | CAST ALLOY | CROMO | BALL BEARING | BALL BEARING | 4° | BLACK, WHITE, RED, ORANGE, YELLOW, GREEN, SKY BLUE | 331G |

# WCS CARBON BOTTLE CAGE

**NEW FOR 2016**

- New carbon bottle cage shape from Tom Ritchey
- Extra strong grip, perfect on the roughest or smoothest rides
- Matte UD carbon with black, white or red logos
- 32g







Ride to create. Create to ride.

# WCS "TR" CARBON BOTTLE CAGE



- Stiff carbon fiber design holds bottles firmly and saves grams
- 30g



Ride to create. Create to ride.

# BARKEEPER LEVER **NEW FOR 2016**



Save the saddle bag for a snack and Swiss army knife! These patented, composite tire levers slide into the end of drop bars, staying hidden, yet fully functional. Sold individually. 16g.







# BARKEEPER LEVER DISPLAY

Includes 10 x of the new Ritchey Barkeeper Levers in a display box. Just tear the top off, place it next to the register and they'll practically sell themselves.



# RITCHEY 6-BIT TORQUE KEY




The smartest, most convenient torque key now comes with bits to suit every need. Same great T-handle shape and reliable “click” when reaching the 5Nm max.

- Hex 3/4/5, Torx T-20/25, and Philips#1
- 5Nm max torque
- Bit holder included

## TORQUE KEY DISPLAY

Includes 10 x of the new multi-bit Ritchey Torque Keys in a display box. Just tear the top off, place it next to the register and they’ll practically sell themselves.

## VALVE EXTENDERS

- Available in 2 styles – valve extender and valve core extender
- 50mm




## ROAD BARREL ADJUSTERS

- Allows for derailleur adjustments from the handlebars



## RITCHEY TUBELESS CONVERSION KIT

- 8 meters of 25mm rim tape included—suitable for two rims up to 28mm wide
- Tubeless valves and valve core remover included
- For use with tubeless ready tires only
- 45mm valves also available separately



## SNAP ON RIM TAPE

- Offers secure, snug fit to rim
- Coating resists "creeping" on the rim—perfect for OCR® rims
- Will not dimple into spoke holes—even at high performance road tire pressures
- Available in 700c/17mm, 26"/20mm, 27.5"/20mm, 29"/20mm



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