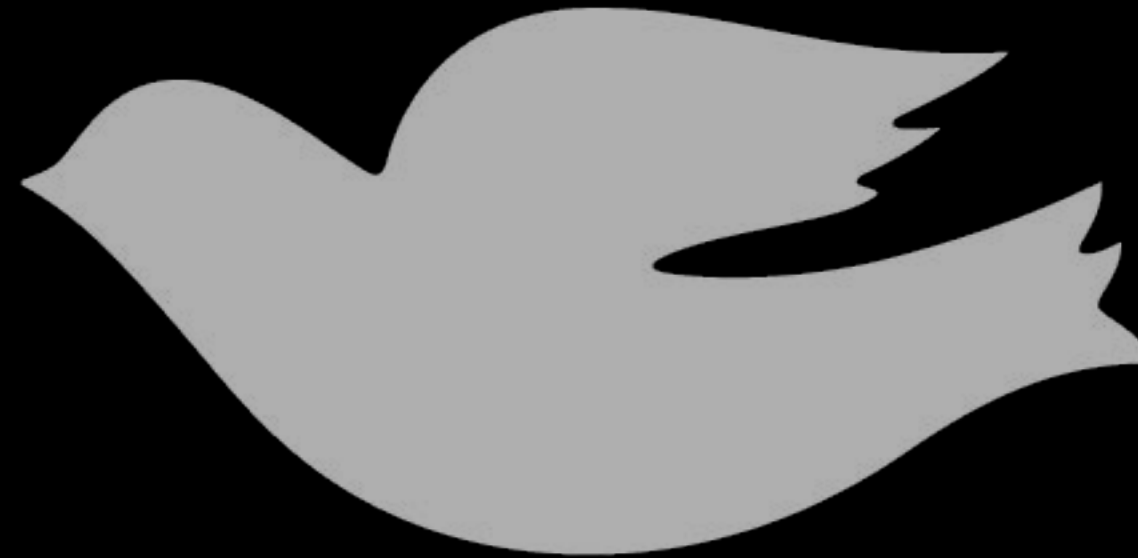


COLUMBUSCOMPONENTS

CATALOGUE 2024



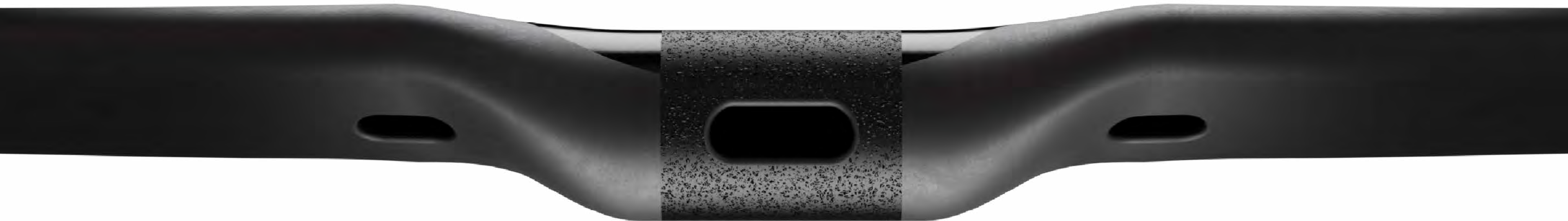
COLUMBUSCOMPONENTS

CATALOGUE 2024

COMPONENTS
TRITTICO
FORKS
RACEWEAR
+ TUBING



DESIGN-DRIVEN TECHNOLOGY FOR HANDMADE BICYCLES

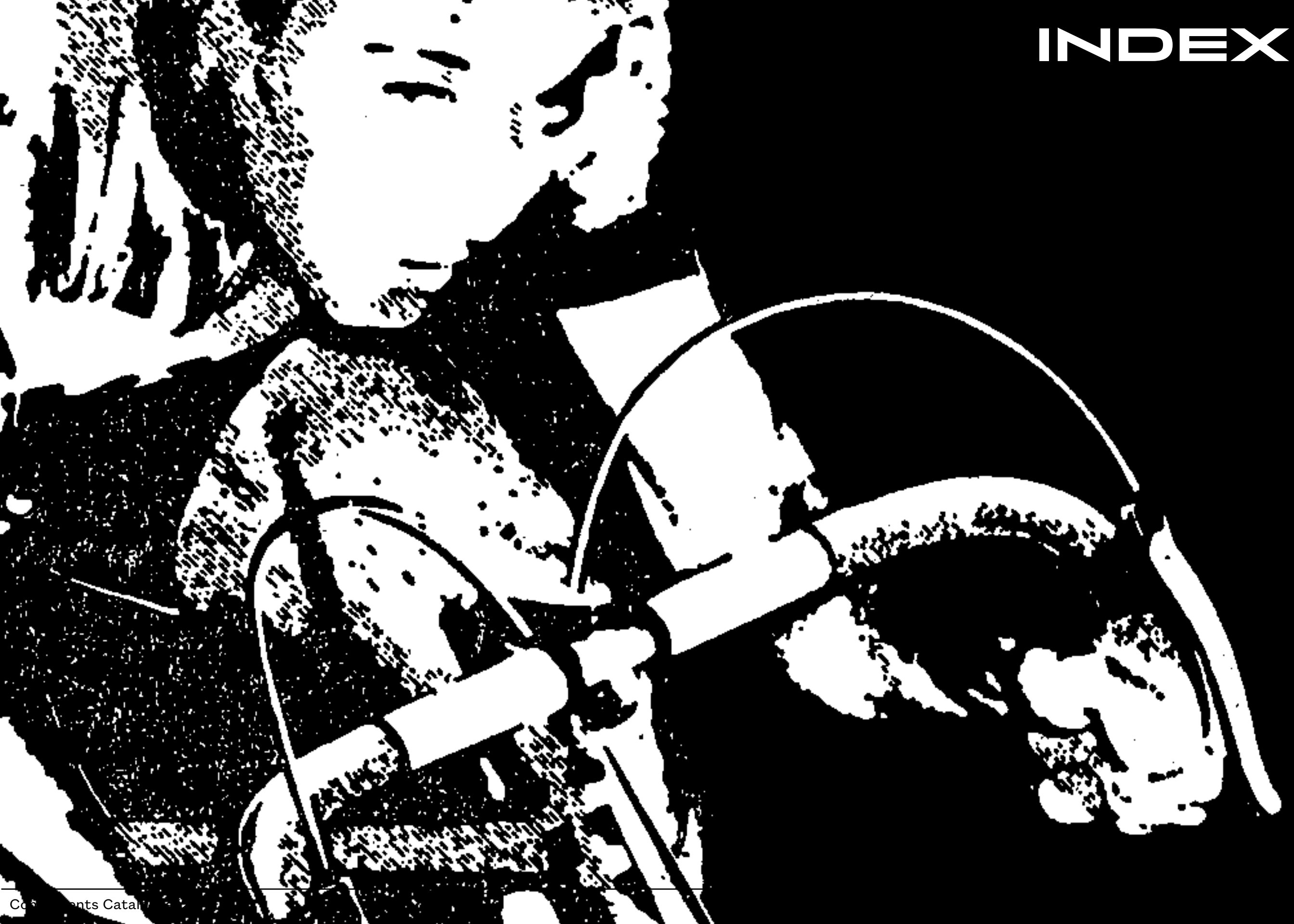


Columbus Components is the family of carbon fiber high-performance frame components designed and manufactured by Columbus specifically for handmade bicycles.

Beginning with its first experiments in the early 1980s, Columbus has always seen carbon fiber as an exceptional complement to steel bicycle frames, offering weight reduction and increased stiffness in specific points whilst maintain the extraordinary mechanical and riding characteristics of steel. In fact today a handmade bicycle manufactured with Columbus tubes and assembled with Columbus components represents the ultimate combination of performance and quality available on the market.

Columbus Components are characterized by the combination of high performance with Italian design, with a market-leading sensitivity to the integration of these characteristics on handmade bicycle frames. In fact we like to define our components as technology and design at the service of the framebuilder. By building your handmade steel or titanium bicycle with Columbus Components you are choosing the only high performance components available on the market specifically developed for the proportions and riding characteristics of handmade bicycles.





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Trittico is the family of carbon fiber bicycle cockpit components designed by Columbus. All Trittico components are characterized by state-of-the-art performance, weight, reliability and intuitive micro-tuning characteristics, facilitated by two new registered patents. Trittico have been specifically designed with aesthetic qualities and performance characteristics that complement and enhance the artisanal work of your bicycle's framebuilder as well as its specific ride qualities, rather than distract from, or compete with, it.

1. Total cable-Integration for 1-1/8" headsets
2. Shaped for handmade frames proportions
3. Fine-tuning geometry adjustments:
enhanced body-fit & frame-design
4. Two patents pending



ITALIAN MINIMALISM

The Trittico has been designed for the cleanest aesthetic. Bolts are hidden from view whilst maintaining fast and easy regulation and maintenance.



LIGHTWEIGHT RELIABILITY

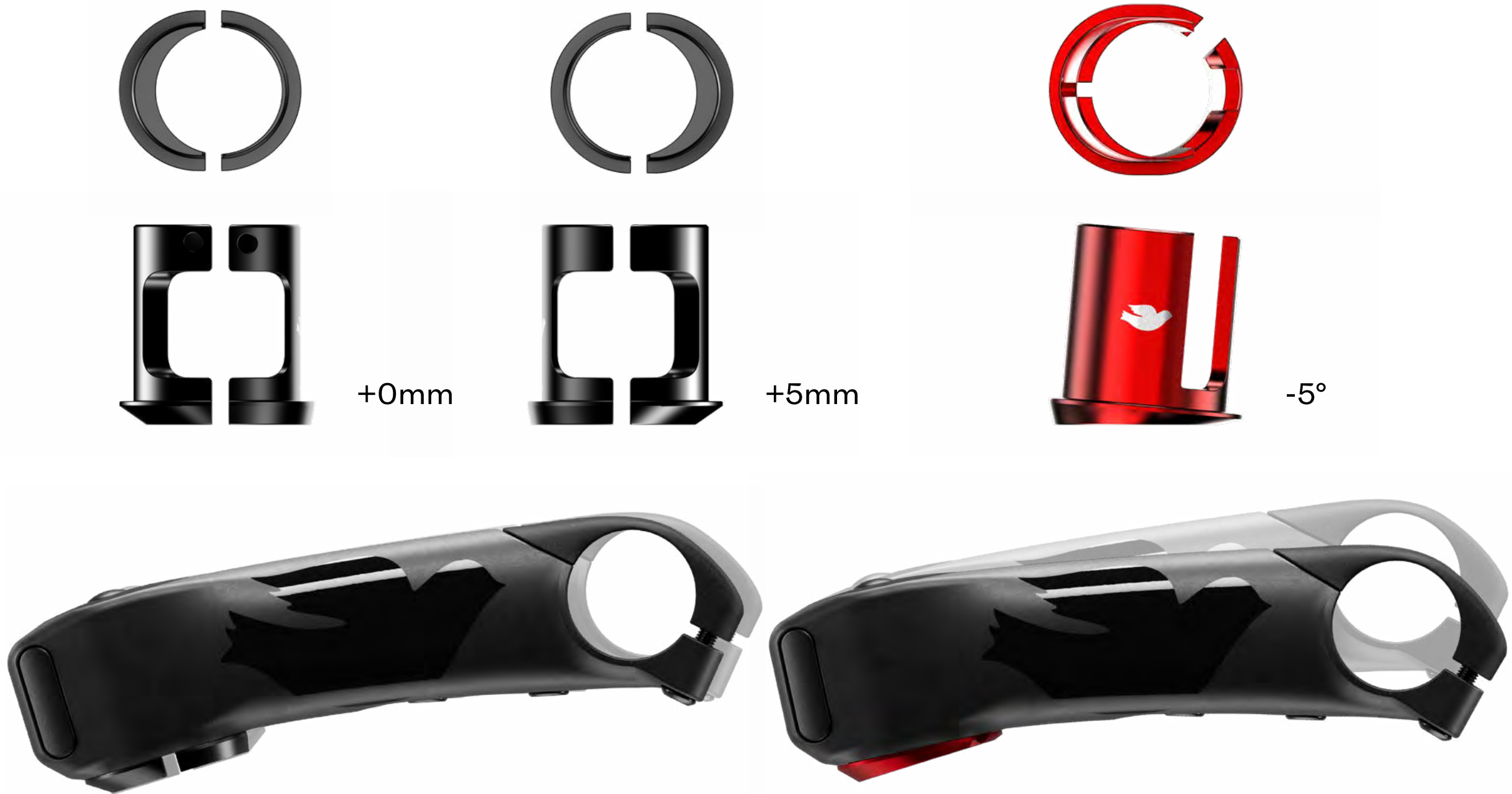
A CNC machined aluminum faceplate ensures best connection between stem and handlebars at the lightest weight. Bolts are completely hidden to enhance the overall minimalist aesthetic of your cockpit.



With a refined Italian minimalist design aesthetic, combined with latest generation performance and integration as well as a proprietary micro-tuning fit system, the Trittico stem is the obvious choice for your new handmade frame or an exclusive upgrade to your existing cockpit system.

TRITTICO STEM



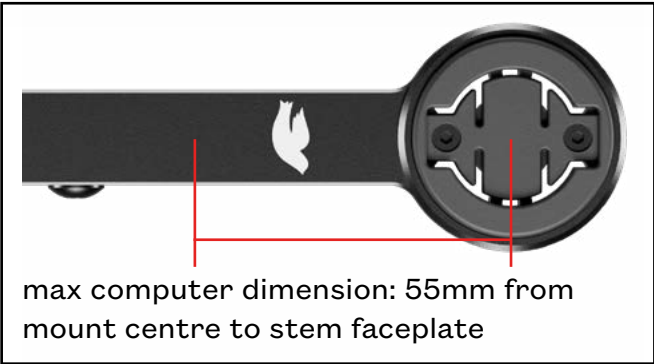


TUNING SLEEVES

A proprietary feature developed internally by Columbus. This sleeve works with standard 1-1/8" spacers, offering superior functionality in the form of three micro bike position tuning variants that allow the user to perfect their fit of their bicycle. Switching from one sleeve to the other, the rider can adjust the original geometry of the stem (position 0) adding extra length (+5mm) or a steeper angulation (-5°) to improve body-fit, handling and aerodynamic position.



- Upper GPS mount + lower mount for camera/lights
- CNC'd 6061 T6 aluminium
- Two mount lengths
- Laser etched graphics
- Supplied with Garmin mount, compatible with adapters for all other systems
- Weight 53g
- Load 250g max



Essentially-engineered CNC'd aluminium spoon for cycling computers, lights and cameras.

RACE-SPOON





An ergonomic carbon fiber performance handlebar designed specifically for the characteristics of contemporary road racing. Used in conjunction with the Trittico cockpit system it offers market-leading performance combined with sophisticated Italian aesthetics and integrated cable routing.

TRITTICO ROAD HANDLEBAR



SMART FIT

Acrescent-shaped incision below the point at which brake levers are installed allows for an improved ergonomic fit for both small hands – which benefit from greater lever pull range even when the lever has been adjusted to sit closer to the bar – and larger hands which benefit from more space between lever and bars, improving comfort and grip during uphill exertions.



PRECISION SPRINT

An ergonomic modeling of the lower half of the handlebar allows for a more secure grip of the handlebar during high exertion sprints.





A patented steerer section allows for Columbus' top-of-the-range road fork to bring integrated cable routing to 1-1/8" steerer diameters favoured by the world's leading framebuilders.

FUTURA TREFOIL ROAD FORK

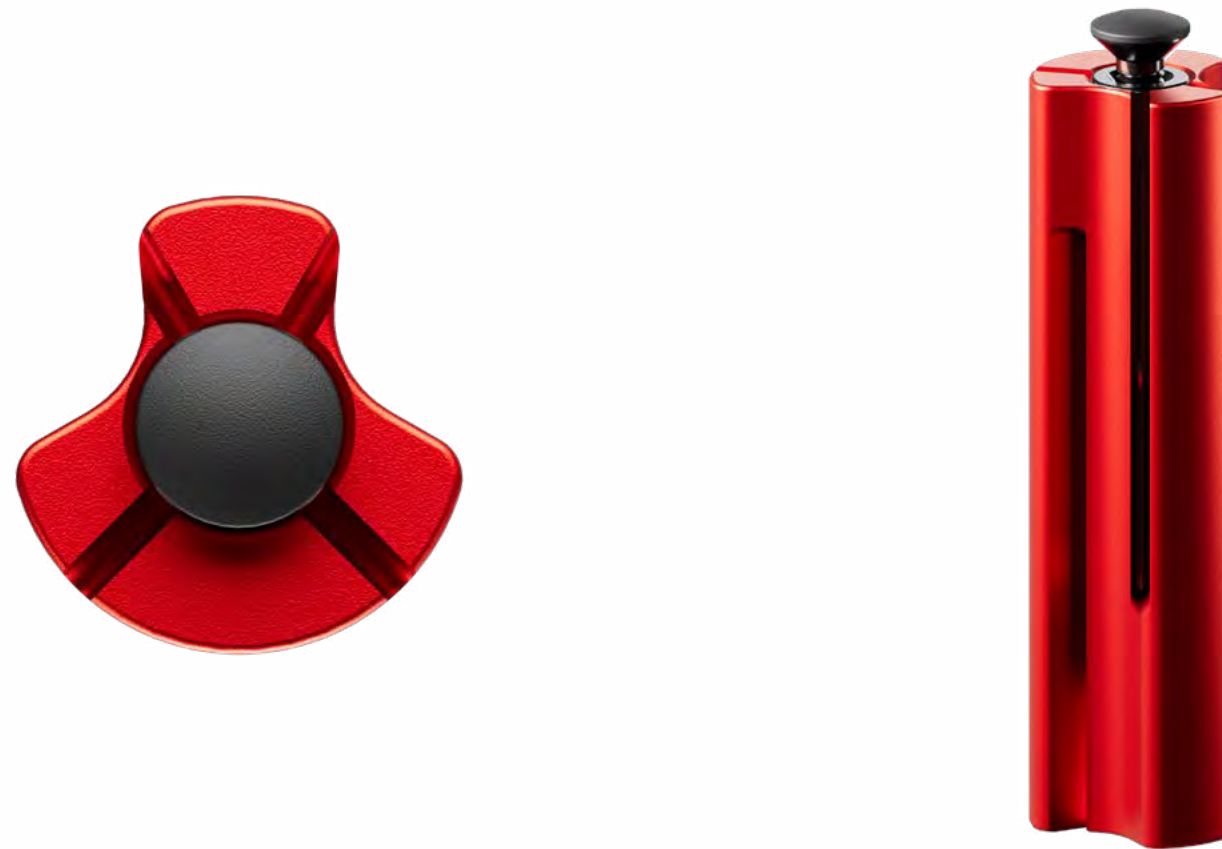




ITALIAN MINIMALISM

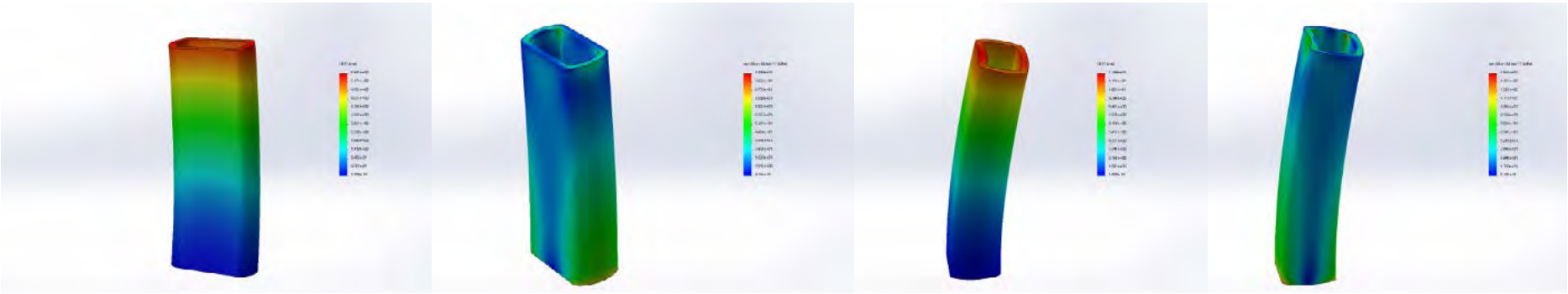
Columbus disc brake Trefoil road-fork features a magnetic cover, that allows to enhance both functionality and aesthetic. In addition, the direct mount of the flat-mount caliper on the fork-brake, avoids the use of adaptors, providing a lighter and stiffer structure.



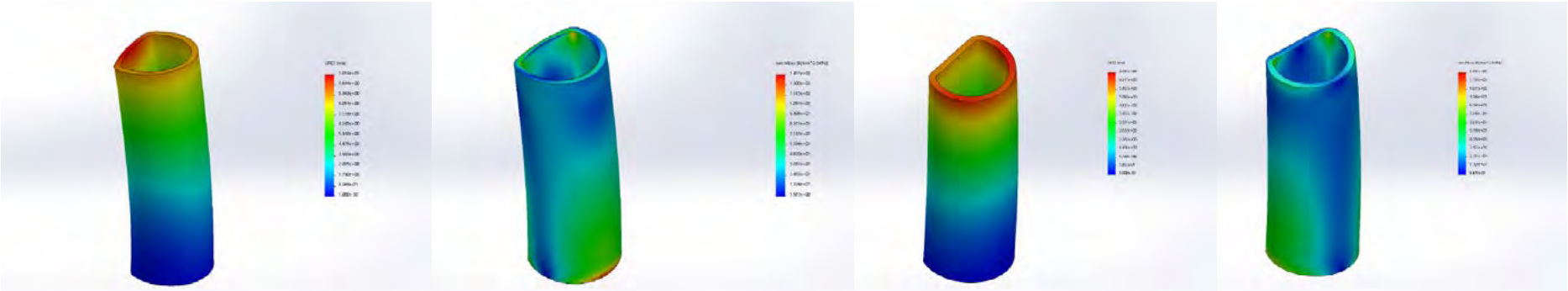


The Columbus Trefoil steerer section has been developed to offer the most secure and precise integrated cabling steerer available on the market. The particular “ribbed” Trefoil section of the fork steerer in fact outperforms the “D” and “I” shaped steerers of leading market competitors. Comparative FEM stress tests (see following spread) demonstrate that whilst under lateral deformation both Trefoil and “D” sections outperform “I” in terms of rigidity, under frontal deformation the Trefoil section clearly outperforms “D” shape and slightly outperforms “I” shape (mm⁴ 16696,83 vs mm⁴ 9777,49 and 15834,91, respectively). The result is a new market leader, with noticeably stiffer, more precise and secure sensation for the rider whilst cornering at high speed.

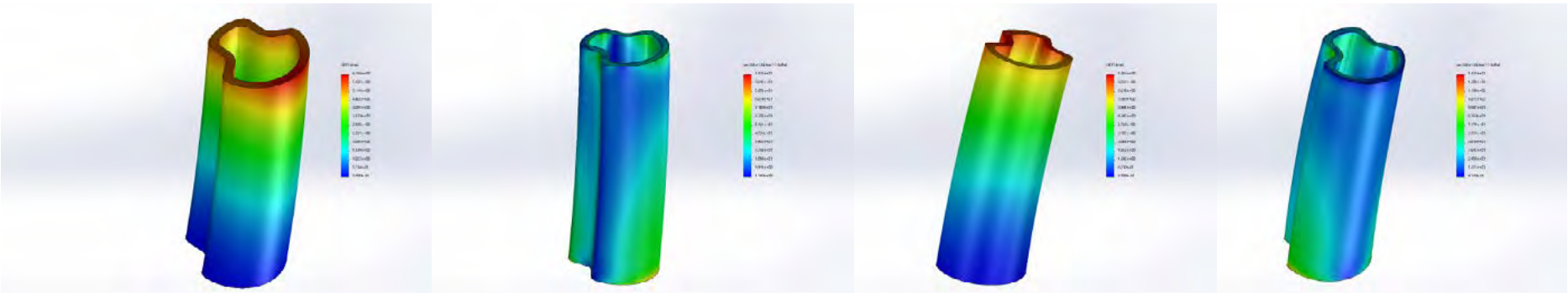
TREFOIL SECTION



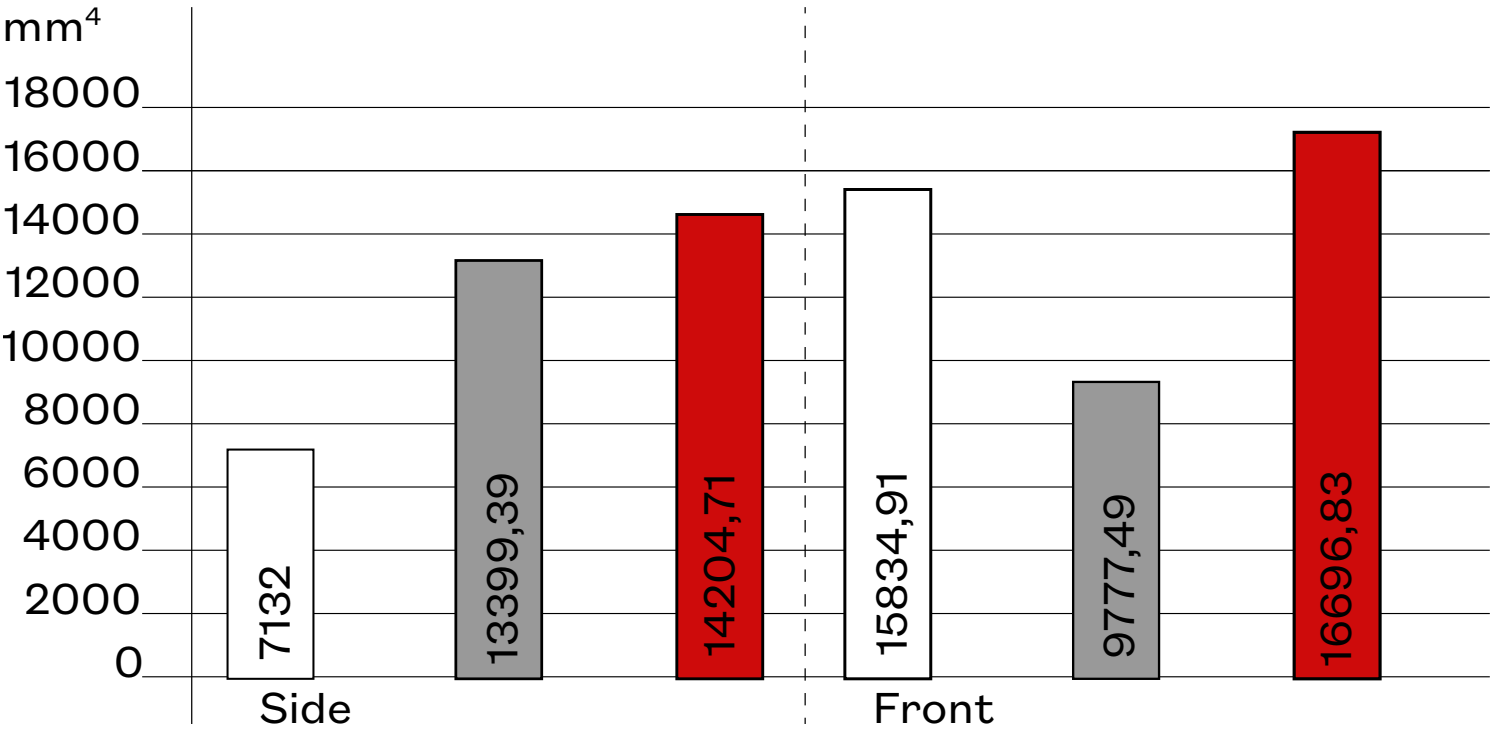
I-Section



D-Section

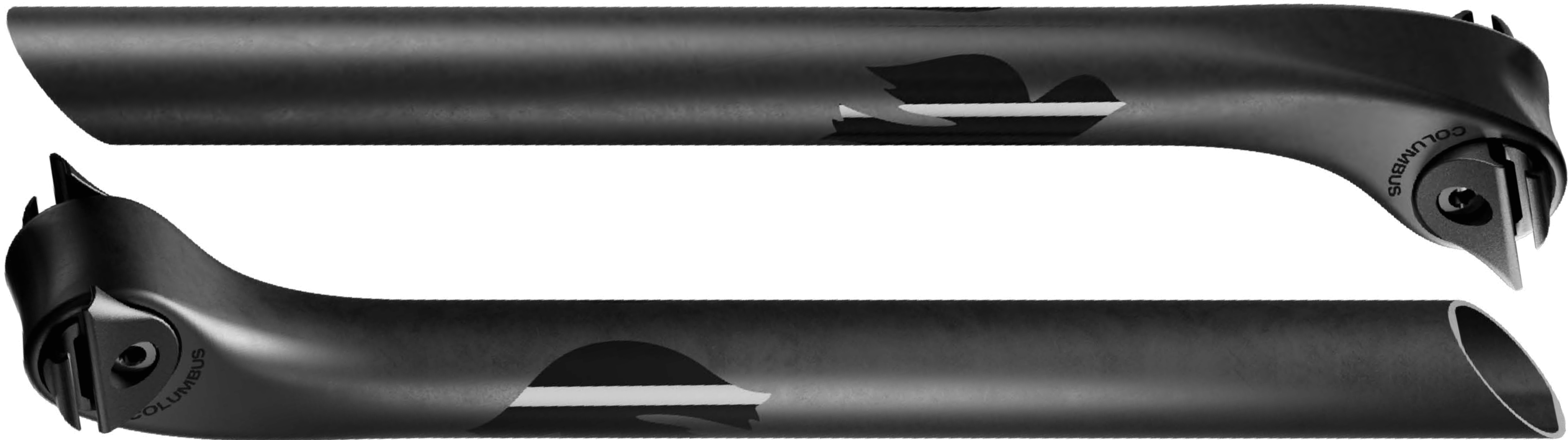


Columbus Trefoil System



- Fork steerer:
- “I” Shaped
 - “D” Shaped
 - Columbus Trefoil

COMPARATIVE FEM STESS TEST



With a patent-pending micro-adjustment system, the Trittico seatpost offers high performance combined with exceptional ease-of-use in maintenance and micro fit adjustments.

DESIGN FOR LIFE

The use of a family of proprietary easily removable and replaceable components within the regulation mechanism of the seatpost allows for easy product maintenance.

TRITTICO SEATPOST



INTUITIVE TUNING SYSTEM

The Trittico seatpost has been designed with modular component simplicity for intuitive ease of use. The heart of the seatpost's design is its patent-pending central Ergo Clamp, which guarantees fast and precise saddle position adjustment for the most meticulous of riders.



25mm offset



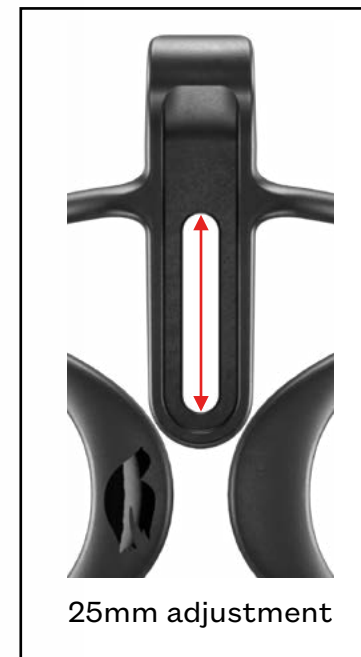
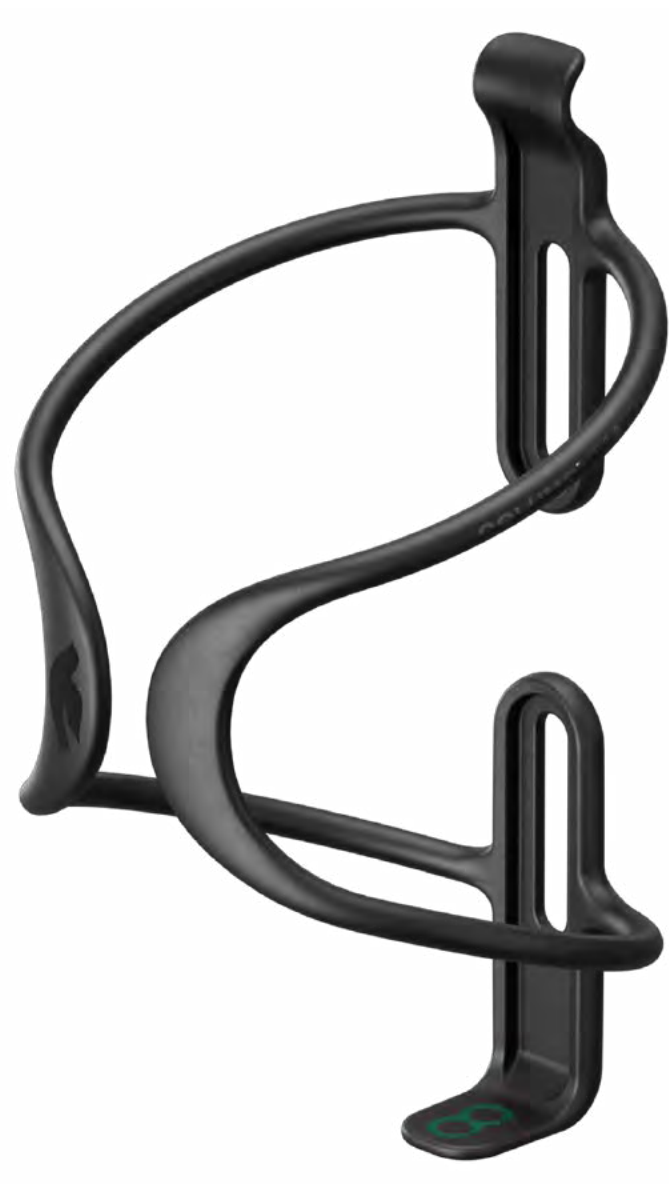
15mm offset



DUAL OFFSET SYSTEM

The offset of the seatpost can be altered between 25mm and 15mm thanks to its modular design, providing the framebuilder and rider, an even greater precision in the frame-design and bike-fitting.





A hyper-minimal performance bottle cage: made from carbon fiber with titanium bolts, tuned for the aesthetics of bespoke bicycles.

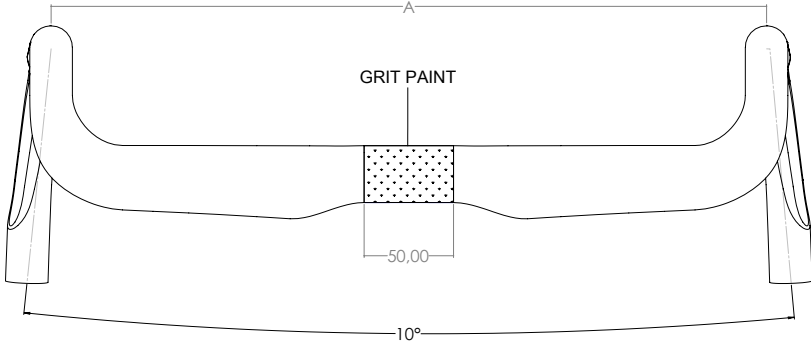
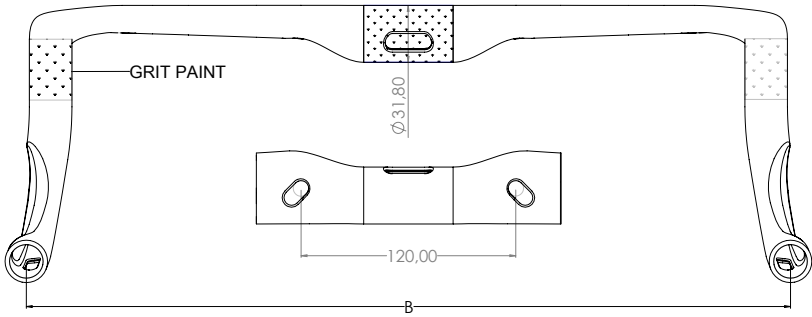
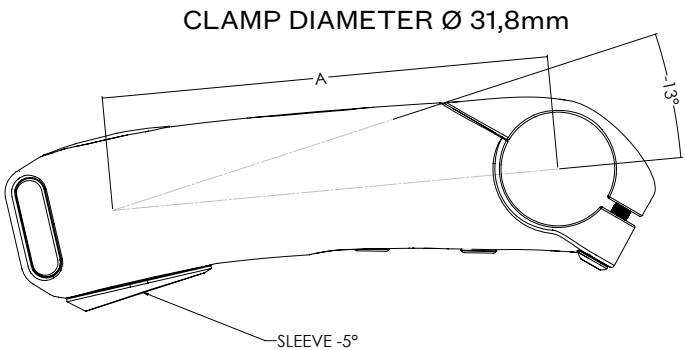
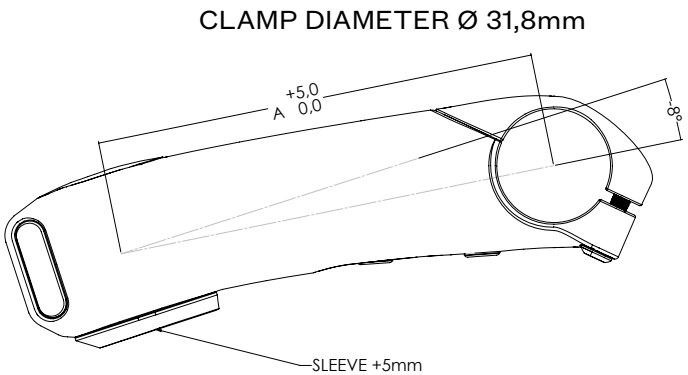
- *Monocoque carbon design*
- *Titanium bolts*
- *Upper+lower bottle safety-retention*
- *25mm height adjustment*
- *Extremely lightweight: 18g only*

TRITTICO BOTTLE CAGE



SIZE	SIZE SLEEVE +5 mm	INCLINATION	WEIGHT	SIZE SLEEVE -5°	INCLINATION
90mm	95mm	-8°	167g	90mm	-13°
100mm	105mm	-8°	172g	100mm	-13°
110mm	115mm	-8°	177g	110mm	-13°
120mm	125mm	-8°	184g	120mm	-13°
130mm	135mm	-8°	192g	130mm	-13°

SIZE	WIDTH HOODS (A)	WIDTH DROPS (B)	CLAMP DIAMETER	REACH	DROP	OUTSWEEP	WEIGHT
40	40cm	42.7cm	31.8mm	71mm	128mm	4°	243g
42	42cm	44.7cm	31.8mm	71mm	128mm	4°	
44	44cm	46.7cm	31.8mm	71mm	128mm	4°	



TECHNICAL CHARTS

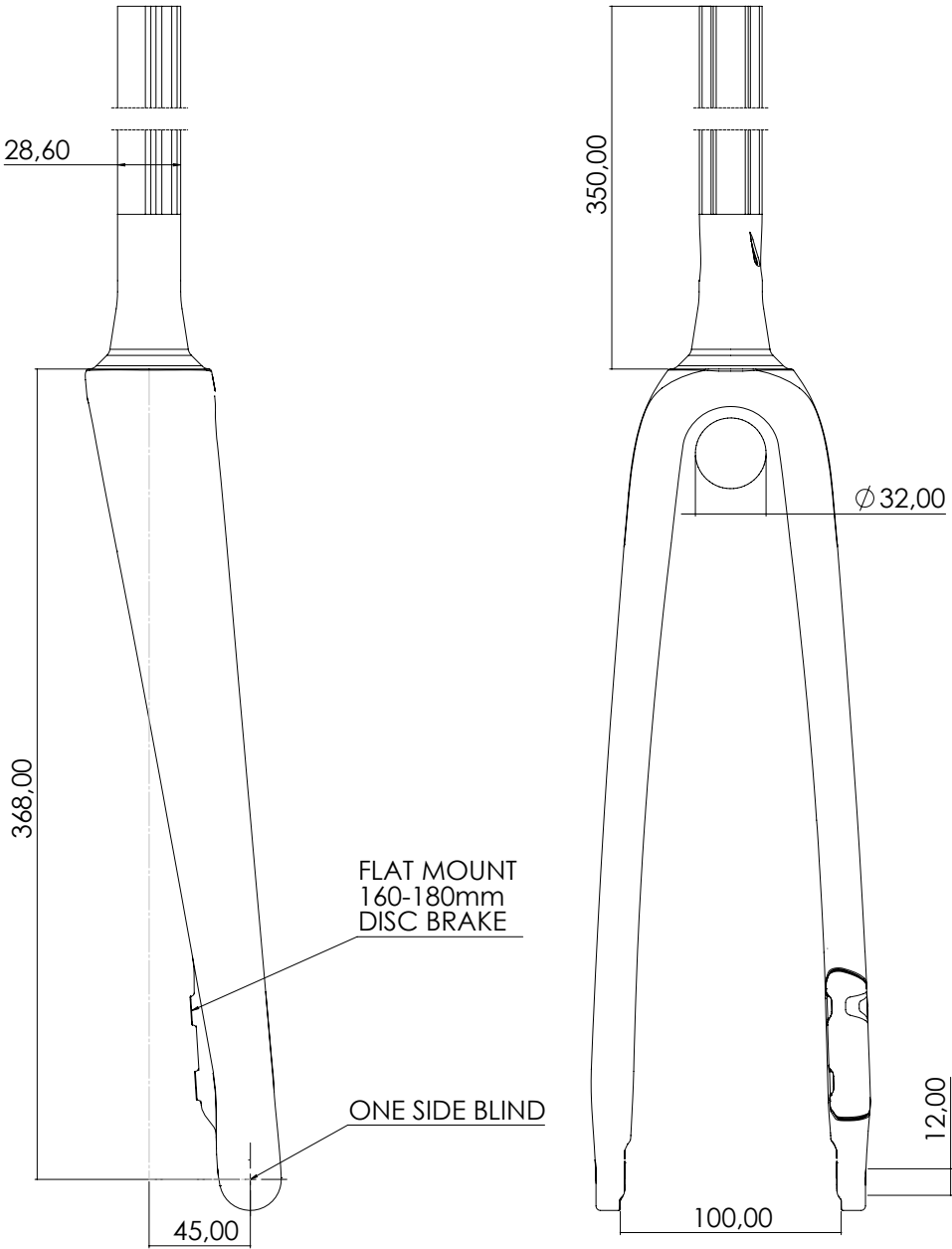


AXLE TO CROWN	STEERER LENGHT	TYRE CLEARANCE
368mm	350mm	32mm

THRU-AXLE DIAMETER	RAKE	FORK HEAD DIAMETER
12mm	45mm	1-1/2"

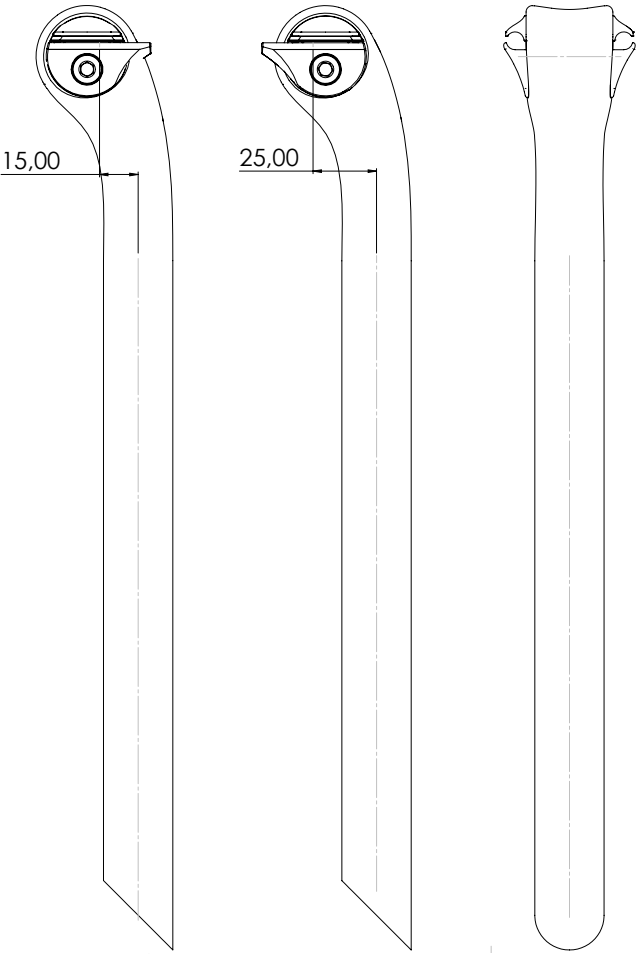
ROTOR SIZE	WEIGHT	EXTRAS
160 - 180*mm	392g	magnetic bolts cover

* Adaptor not included

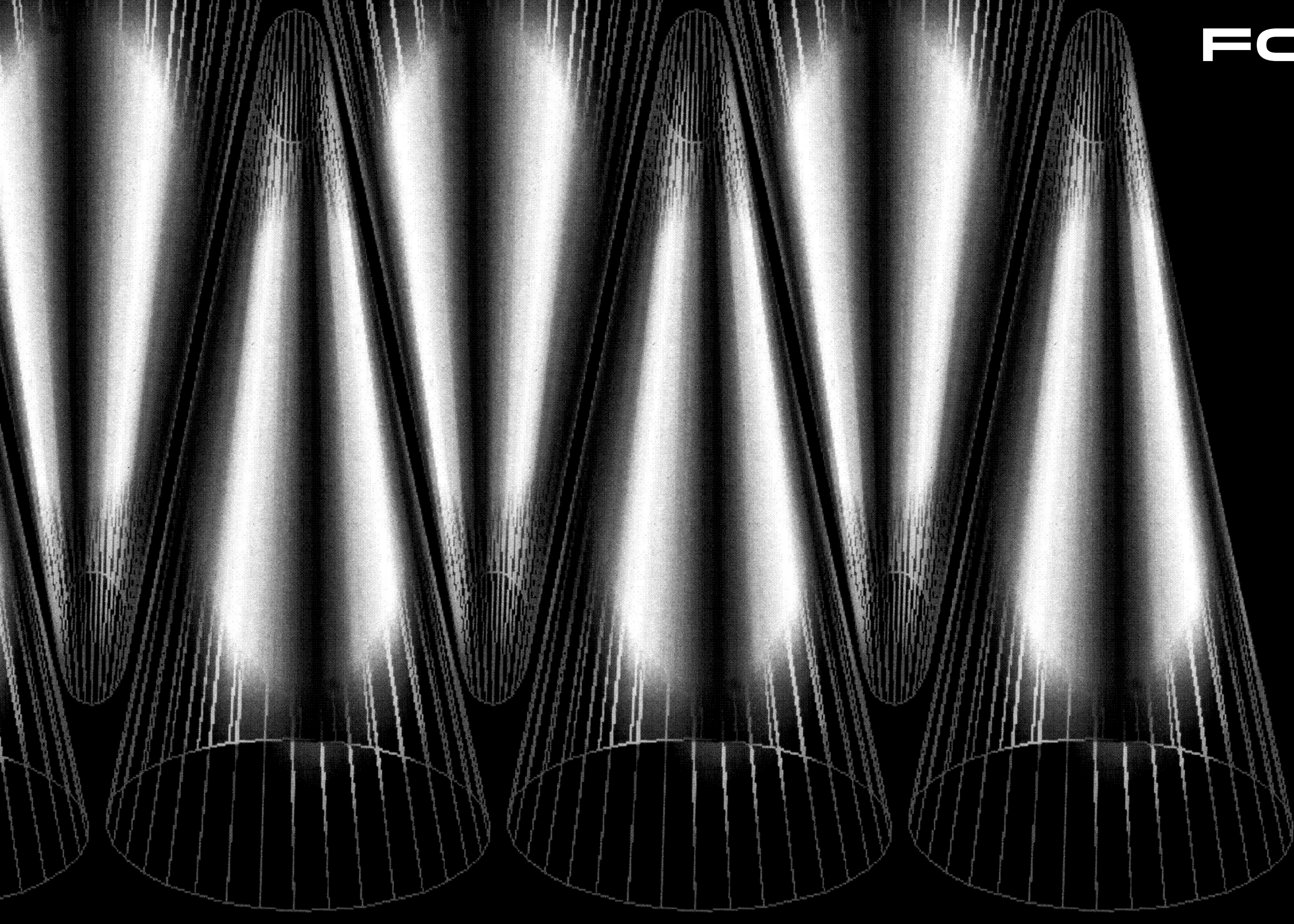


DIAMETER	WEIGHT	LENGHT	RAIL COMPATIBILITY
Ø 27,2mm	182g	350mm	7x7mm\7x9mm
Ø 31,6mm	198g	350mm	7x7mm\7x9mm

VARIABLE OFFSET 15/25mm
ASIMMETRICAL WALL THICKNESS
45° LOWER EDGE CUT FOR WEIGHT REDUCTION
M5 TIGHTENING BOLTS



FORKS



FUTURA DISC



- T700S & HFM Carbon fiber monocoque
- Finishing: UD, 3K or Columbus painted
 - Steerer: Tapered 1-1/8” – 1-1/2”
 - Steerer length: 300mm
 - Axle to crown length: 368mm
 - Rake: 45mm
 - Crown diameter: 56mm
 - Tire clearance: up to 28mm
 - Axle standard: E-Thru 12mm (included)
 - Disc clamp: Flat Mount – up to 160mm rotor
 - Cable routing: Internal
 - Recommended expander: Columbus kgapcap28.6c
 - Weight: 440g

Futura Disc is designed to meet the needs of riders seeking a road racing disc-brake set-up. Futura’s 1-1/2” oversized steerer has been specifically engineered to maximize stiffness and reliability during braking. The ultra-light monocoque carbon-fiber structure has been asymmetrically reinforced in the areas majorly affected by stress during braking to provide increased torsion control. Futura’s curvilinear structure is developed and optimized to perfectly interact with even the most modern carbon-fiber frames, as well as satisfying both the aesthetic and technical needs of new-generation high performance steel, alu and titanium bicycles.



FUTURA DISC INTEGRATED

- T700S & HFM Carbon fiber monocoque
Carbon dropouts with aluminium inserts
- Finishing: UD, Columbus painted
 - Steerer: Tapered 1-1/8” – 1-1/2”
 - Steerer lenght: 300mm
 - Axle to crown lenght: 368mm
 - Rake: 45mm
 - Crown diameter : 56mm
 - Tire clearance: up to 28mm
 - Axle lenght: E-Thru 12mm (included)
 - Disc clamp: Flat mount – 160mm max rotor
 - Recommended expander: kgapcap28.6c
 - Cable Routing: Integrated
 - Weight: 440g

Characterized by Columbus’ trademark essential aesthetic and functionality (to best complement handmade frames), Futura Disc carbon road-fork has been specifically engineered to host fully integrated internal cable-routing. The 1-1/2” tapered steerer maintains a 1-1/8” cylindrical shape at the top, to perfectly interact with the majority of the internal-routing stems available on the market.



FUTURA DISC SLX

- T700S & HFM Carbon fiber monocoque
- Finishing: UD or Columbus painted
 - Steerer: Tapered 1-1/8” – 1-1/4”
 - Steerer length: 300mm
 - Axle to crown length: 368mm
 - Rake: 45mm
 - Crown diameter: 52mm
 - Tire clearance: up to 30mm
 - Axle standard: E-Thru 12mm (included)
 - Disc clamp: Flat Mount – up to 160mm rotor
 - Cable routing: Internal
 - Recommended expander: Columbus kgapcap28.6c
 - Weight: 450g

“SLX Disc” gets its namesake from the famous Columbus tube set which, in the 1980s, raced alongside hundreds of European professionals, often in yellow, pink or rainbow jerseys! Within the Futura fork range, “SLX” specifically refers to models with a 1-1/4” oversized steerer tubes. This new steerer tube diameter has been developed on the basis of direct dialogue with framebuilders who recognize the benefits of combining larger diameters with more elegant lines and shapes. Additionally, the Disc SLX also features an increased tire clearance of 30mm, and eyelets for fender mounts.



FUTURA ALL ROADS

T700S & HFM Carbon fiber monocoque

- Finishing: UD or Columbus painted
- Steerer: Tapered 1-1/8" – 1-1/4"
- Steerer length: 300mm
- Axle to crown length: 382mm
- Rake: 47mm
- Crown diameter: 52mm
- Tire clearance: up to 40mm
- Axle lenght: E-Thru 12mm (included)
- Disc clamp: Flat mount – 160mm max rotor
- Recommended expander: Columbus kgapcap28.6c
- Cable routing: Internal
- Weight: 450g

Futura All Roads (formerly named Futura Gravel) is the newest solution to the growing hybridization of road race and outdoor worlds, for all those cyclists in search for an all-round fork strongly declinable in contexts and uses. Oversized clearance grants compatibility with knobby tires up to 40mm, and with fenders, thanks to its integrated hidden eyelets, paired with tires up to 35mm. The tapered 1-1/4" steerer optimizes riding stability, matching the benefits of oversized lightweight sections to the capability to absorb shocks from impervious terrains, while, in terms of aesthetics, matches perfectly both the carbon-fiber as well as steel, alu and titanium frames. Finally, the 382mm axle-to-crown fork height, ensures a lower center of gravity, enhancing stability and proportions on a wider range of frame sizes and geometries.



FUTURA CROSS

- T700S & HFM Carbon fiber monocoque
- Finishing: UD or Columbus painted
 - Steerer: Tapered 1-1/8” – 1-1/2”
 - Steerer length: 300mm
 - Axle to crown length: 392mm
 - Rake: 52mm / 47mm Multi-Rake System
 - Crown diameter: 56mm
 - Tire clearance: 700x47c / 27,5”x2.1”
 - Axle lenght: Columbus 12mm (included)
 - Disc clamp: Flat mount – 180mm max rotor
 - Recommended expander: Columbus kgapcap28.6c
 - Cable routing: External
 - Weight: 515g

The famous lines of the Futura fork are widened and lengthened on the Futura Cross fork to allow riders to mount larger, more tasseled tires. The Futura Cross fork can mount up to 47mm tires on 700c wheels, and up to 2.1” tires on 27.5” wheels. The fork is designed for 12mm thru-axles and flat-mount disc brakes to ensure compatibility with the majority of disc-brake groupsets. Further increasing the range of steerer options within the Futura line, the 1-1/2” oversized steerer is synonymous with stability and durability. The built-in eyelets near the dropouts give you the option of mounting a front mudguard and can be closed with flathead screws that disappear into the lines of the fork creating a seamless and elegant continuity. The Multi-Rake system provides frame designers with more freedom to design when it comes to geometry and trail, and an adjustable set-up based on use and choice of tires ensures riders will find the perfect fit.



FUTURA CROSS PLUS

- T700S & HFM Carbon fiber monocoque
- Finishing: UD or Columbus painted
 - Steerer: Tapered 1-1/8” – 1-1/2”
 - Steerer length: 350mm
 - Axle to crown length: 392mm
 - Rake: 47/52mm Multi Rake System
 - Crown diameter: 56mm
 - Tire clearance: up to 700x47mm / 27.5”x2.1”
 - Axle standard: Columbus 12mm (included)
 - Disc clamp: Flat mount – up to 160mm rotor
 - Routing: Internal for dynamo hubs
 - Eyelets: for fender and anything-cage
 - Max load: 3kg per side using all three bolts
 - Recommended expander: Columbus kgapcap28.6c
 - Weight: 585g

Compatible with the most current anything-cage carrier systems Futura Cross+’s eyelet system guarantees a wide range of different bag configurations: from a light ‘performance’ trip to a big tour, even for self-sufficient adventures, with a excellent maximum load capability. Cross+ also introduces an internal cable routing system for hubs with integrated dynamos: allowing the rider to connect most hubs to your onboard electrical lighting, navigation and energy storage systems. Internal cable routing also ensures ideal protection from bad weather and accidental collisions, guaranteeing it’s incredibly ‘clean’ both in terms of aesthetics and use. The Multi-Rake system allows for useful fork offset adjustments, based on the chosen wheel diameter and tire width, as well a variety of load and reactivity needs.



FUTURA ADVENTURE

- T700S & HFM Carbon fiber monocoque
- Finishing: UD or Columbus painted
 - Dropouts: Carbon with aluminum inserts, Boost 110mm
 - Steerer: Tapered 1-1/8” – 1-1/2”
 - Steerer length: 300mm
 - Axle to crown length: 467mm
 - Rake: 45/50mm Multi Rake System
 - Crown diameter: 56mm
 - Tire clearance: up to 29”x3.0”
 - Axle standard: Thru-Axle 15mm (included)
 - Disc Clamp: Post mount – up to 180mm rotor
 - Cable Routing: Internal for dynamo & brake
 - Eyelets: for anything-cage mount
 - Max load: 3kg per side using all three bolts
 - Recommended expander: Columbus kgapcap28.6clcr
 - Weight: 645g

Futura Adventure is Columbus’ answer to the needs of the most ambitious bike explorers. With strong MTB DNA, this fork can be equipped both on the most advanced tailor-made titanium, aluminium or steel travel frames, as well as on frames with hard-tail MTB geometries. The remarkable load capacity takes further advantage of the adaptable rake, allowing you to finely balance reactivity and handling based on terrain and luggage. Furthermore, the predisposition for dynamo hubs guarantees the most extreme adventurers the possibility to recharge their devices at any time during the journey, without ever stopping to search for a power source. The famous Columbus Multi Rake System completes the pack!



Designed to host Columbus expander for internal dynamo routing.



MULTI-RAKE SYSTEM

The innovative Multi-Rake system provides frame designers with more freedom to design when it comes to geometry and trail, and an adjustable set-up based on use and choice of tires ensures riders will find the perfect fit. This adjustment system provides a ± 5 mm variation in rake.



Multy-Rake system is available on Futura Cross, Cross+ and Adventure.



FUTURA CALIPER

- T700S & HFM Carbon fiber monocoque
- Finishing: UD or Columbus painted
 - Steerer: Tapered 1-1/8” – 1-1/2”
 - Steerer length: 300mm
 - Axle to crown length: 368mm
 - Rake: 45mm / 50mm
 - Crown diameter: 56mm
 - Tire clearance: up to 28mm
 - Recommended expander: Columbus kgapcap28.6c
 - Weight: 350g



Road-race. Specific. Performance.

Futura Caliper is the most updated creation of Columbus Carbon Lab department for the lovers of the traditional caliper-brake. The all-new Futura range completes its offer with an exclusive fork, designed for the rider, starting from bike-geometry and biomechanics requirements and needs. In fact, Futura Caliper is the only oversize 1-1/2” tapered fork with multiple-rake: 45 and 50mm options allow the cyclist, and even before him, the framebuilder, to properly complete their bicycles with the proper geometry and solutions, according to body requirements, sizes and riding style. Realized using ultra-light aerospace carbon fiber, Futura Caliper offers an extremely sharp riding experience thanks to its oversized sections and shapes, designed for an overall weight-reduction of the structure, enhancing its stiffness and precision while cornering. The streamlined tapered front section, together with the curvilinear geometry of the blades, minimize aerodynamic resistance, granting a good vibration-dumping attitude, where, the overall aesthetic result, enhance Futura Caliper capability to perfectly match and complete the most updated carbon fiber frames as well as the new-generation hi-performance steel, alu and titanium designs.



FUTURA CALIPER SLX

- T700S & HFM Carbon Fiber
- Finishing: UD or Columbus Painted
 - Steerer: Tapered 1-1/8” – 1-1/4”
 - Steerer length: 300mm
 - Axle to crown length: 368mm
 - Rake: 45mm / 50mm
 - Crown diameter: 52mm
 - Tire clearance: up to 28mm
 - Recommended expander: Columbus kgapcap28.6c
 - Weight: 395g

The timeless charm of a caliper brake is now combined with the benefits of oversized tubing thanks to the introduction of the 1-1/4” diameter steerer tube. This new steerer tube diameter has been developed on the basis of direct dialogue with framebuilders who recognize the benefits of combining larger diameters with more elegant lines and shapes of handmade frames. Additionally the fork retains the possibility of selecting the desired rake (45 or 50mm) to better meet each cyclist and framebuilder’s geometry.



FUTURA CALIPER SL



- T700S & HFM Carbon Fiber
- Finishing: UD or Columbus Painted
 - Steerer: 1-1/8”
 - Steerer length: 300mm
 - Axle to crown length: 367mm
 - Rake: 45mm / 50mm
 - Crown diameter: 46mm
 - Tire clearance: up to 28mm
 - Recommended expander: Columbus kgapcap28.6c
 - Weight: 375g

SL = Strada Leggera. A Columbus icon, at the peak of carbon technology, the SL combines 1-1/8” diameter steerer tube and lightweight tapered fork blades, in part clean and straight, in part elegantly curved, designed to match flawlessly with the shapes and lines of handmade frames. The option of a 45mm or 50mm rake provides frame designers with more freedom to design when it comes to geometry, angles or overlap.



MINIMAL

T700S Carbon Fiber

- Finishing: 3k or Columbus Painted
- Dropouts: Aluminium CNC finished
- Steerer: 1-1/8" or 1"
- Steerer length: 300mm
- Axle to crown length: 367mm
- Rake: 45mm
- Crown diameter: 35mm
- Tire clearance: up to 25mm
- Recommended expander:
Columbus kgapcap28.6c (1-1/8")
Columbus kgapcap25.4c (1")
- Weight: 340g

The most iconic fork in the Columbus carbon range: clean, elegant lines, the Minimal is a monocoque carbon fork designed for frames with traditional steerers and satisfies a variety of rakes and steerer diameters. The Minimal fork, in fact, is available both in a standard 1-1/8" diameter as well as in a 1" version. Whether it's a lugged or TIG welded frame, a standard geometry or a frame designed for a small statured rider, the Minimal fork provides framebuilders and riders with the best structural solutions and performance possible. A Timeless model, the Minimal is adopted by classic traditional framebuilders using lugs and round tubing, as well as modern constructions that use shaped and oriented tubes.



PISTA LEGGERA

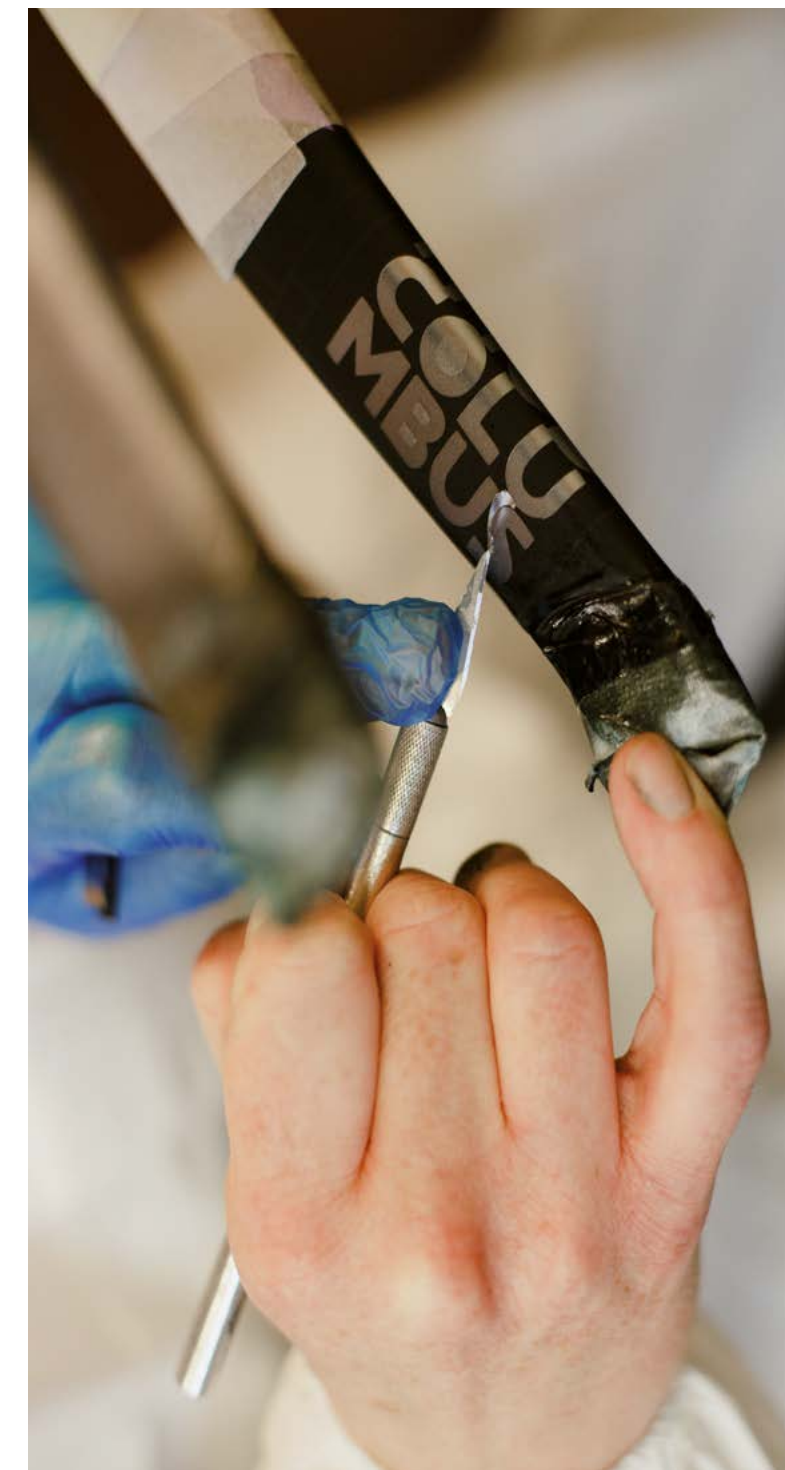
- T700S Carbon fiber
- 6061 T6 aluminum head and steerer
- Finishing: UD or Columbus painted
 - Steerer: Tapered 1-1/8” – 1-1/2”
 - Steerer length: 300mm
 - Axle to crown length: 367mm
 - Rake: 35mm
 - Crown diameter: 56mm
 - Tire clearance: up to 25mm
 - Recommended expander: Columbus ColuTPR
 - Weight: 560g

Omnium, scratch, pursuit, points, time-trial: from the inspiring Vigorelli velodrome of Milan, the temple of international cycling and historical birthplace of the Columbus brand, the Pista Leggera is a fork that encompasses both the spiritual & performance attitudes that rode this famed track. An oversized, heat-treated, CNC machined aluminum head provides stability and precision and is seamlessly integrated with aerodynamic, high-modulus carbon-fiber blades. The Pista Leggera has a reactive 35mm rake, providing enhanced responsiveness even in narrow and fast trajectories. The Pista Leggera is also compatible with a front caliper brake, providing the possibility to use the fork during training sessions outside of the track.

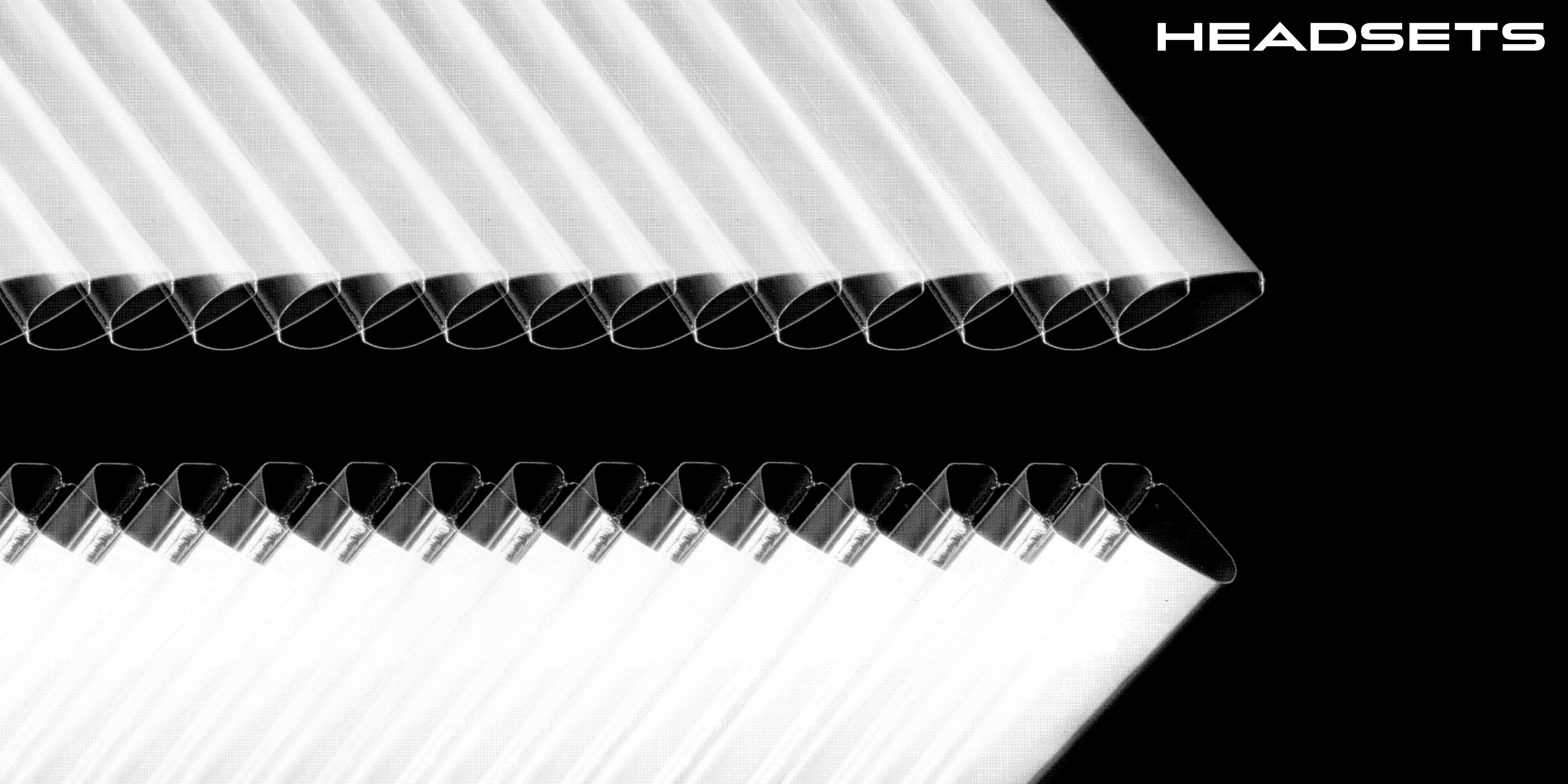




Columbus' fork graphics, designed for the painted forks-range, has been specifically created to perfectly match all the possible colors and paint-schemes of the cycling world: from the traditional and elegant steel frames to the most updated and aggressive monocoques, minimal & racing. To keep and valorize Columbus identity and storytelling also on the Ready-To-Paint version, Columbus provides with each fork a set of special adhesive painting masks. These stencils, bearing Columbus logo, allow to replicate Columbus graphics even on bicycles with custom-painted livery, with the possibility to match Columbus-logo colors with the palette of the frame.



HEADSETS



COMPASS 1-1/8” CARBON



Head Set Standard: IS42-28.6/IS42-30
1-1/8” Upper and lower
45° Stainles Steel ACB
Carbon Gap Cap
Upper Stack Height 16.1mm
Lower Stack Height 0.7mm
Head Tube O.D. Ø 46mm
Head Tube I.D. Ø 42
Product Code: ZV7STEERKITH

To be used with with Columbus headtubes
XCRK18250 and XCRK18600 using internal
cups ZXCRCALUP / ZXCRCALDOWN
to host 1-1/8” forks.

To be used with Columbus headtube
XCRH18240 using internal-cups
ZXCRCAL38UP / ZXCRCAL38DOWN
to host 1-1/8” forks.

To be used with Columbus headtube
CYRA18240 and CYRA18600 using internal-
cups ZCALA28.6UP / ZCALA28.6DOWN
to host 1-1/8” forks.

COMPASS 1-1/8” CARBON CERAMIC



Head Set Standard: IS42-28.6/IS42-30
1-1/8” Upper and lower
45° Ceramic ACB
Carbon Gap Cap
Upper Stack Height 16.1mm
Lower Stack Height 0.7mm
Head Tube O.D. Ø 46mm
Head Tube I.D. Ø 42
Product Code: ZV7STEERKITI

To be used with with Columbus headtubes
XCRK18250 and XCRK18600 using internal-
cups ZXCRCALUP / ZXCRCALDOWN
to host 1-1/8” forks

To be used with Columbus headtube
XCRH18240 using internal-cups
ZXCRCAL38UP / ZXCRCAL38DOWN
to host 1-1/8” forks

To be u\sed with Columbus headtubes
CYRA18240 and CYRA18600 using internal-
cups ZCALA28.6UP / ZCALA28.6DOWN
vto host 1-1/8” forks



COMPASS 1-1/2” CARBON



Head Set Standard IS42-28.6/IS52-40
1-1/8” Upper
1-1/2” Lower
45° Stainless Steel ACB
Carbon Gap Cap
Upper Stack Height 16mm
Lower Stack Height 0.8mm
Head Tube O.D. Ø 46mm/56mm
Head Tube I.D. Ø 42mm/52mm
Product Code: ZV7STEERKITF

To be used with Columbus tapered headtube CYRT18250
using the internal-cups ZCALT46UP and ZCALT56DOWN
to host 1-1/2” forks

COMPASS 1-1/2” CARBON CERAMIC



Head Set Standard IS42-28.6/IS52-40
1-1/8” Upper
1-1/2” Lower
45° Ceramic ACB
Carbon Gap Cap
Upper Stack Height 16mm
Lower Stack Height 0.8mm
Head Tube O.D. Ø 46mm/56mm
Head Tube I.D. Ø 42mm/52mm
Product Code: ZV7STEERKITG

To be used with Columbus tapered headtube CYRT18250
using the internal-cups ZCALT46UP and ZCALT56DOWN
to host 1-1/2” forks



COMPASS 1-1/4”



Head Set Standard IS 42/28.6 | IS 47/33
1-1/8” upper 1-1/4” lower
45° staineless steel ACB
Carbon top cap
Upper stack height 16mm
Lower stack height 0.8mm
Headtube O.D. Ø 46mm/52mm
Headtube I.D. Ø 42mm/47mm
Product Code: 733SS30

To be used with Columbus tapered headtube CYRG18245001
to host 1-1/4” forks

COMPASS 1-1/4” EXTERNAL



Head Set Standard EC34-28.6/EC44-33
1-1/8” Upper
1-1/4” Lower
45° Stainless Steel ACB
Aluminum Gap Cap
Lower Stack Height 15.4mm
Lower Stack Height 13mm
Head Tube O.D. Ø 36mm/46mm
Head Tube I.D. Ø 34mm/44mm
Product Code: 737SS34

To be used with Columbus tapered
headtube CYRG18245001
to host 1-1/4” forks



COMPASS 1-1/4” SEMI-INTEGRATED



Head Set Standard ZS44-28.6/EC44-33
1-1/8” Upper
1-1/4” Lower
45° Stainless Steel ACB
Aluminum Top Cap
Upper Stack Height 10.1mm
Lower Stack Height 13mm
Head Tube O.D. Ø 46mm
Head Tube I.D. Ø 44mm
Product Code: 737SS44

To be used with Columbus headtubes:
CYRG18240 / CYRG18600 / XCRX18250
to host 1-1/4” forks.

COMPASS 1-1/2” SEMI-INTEGRATED

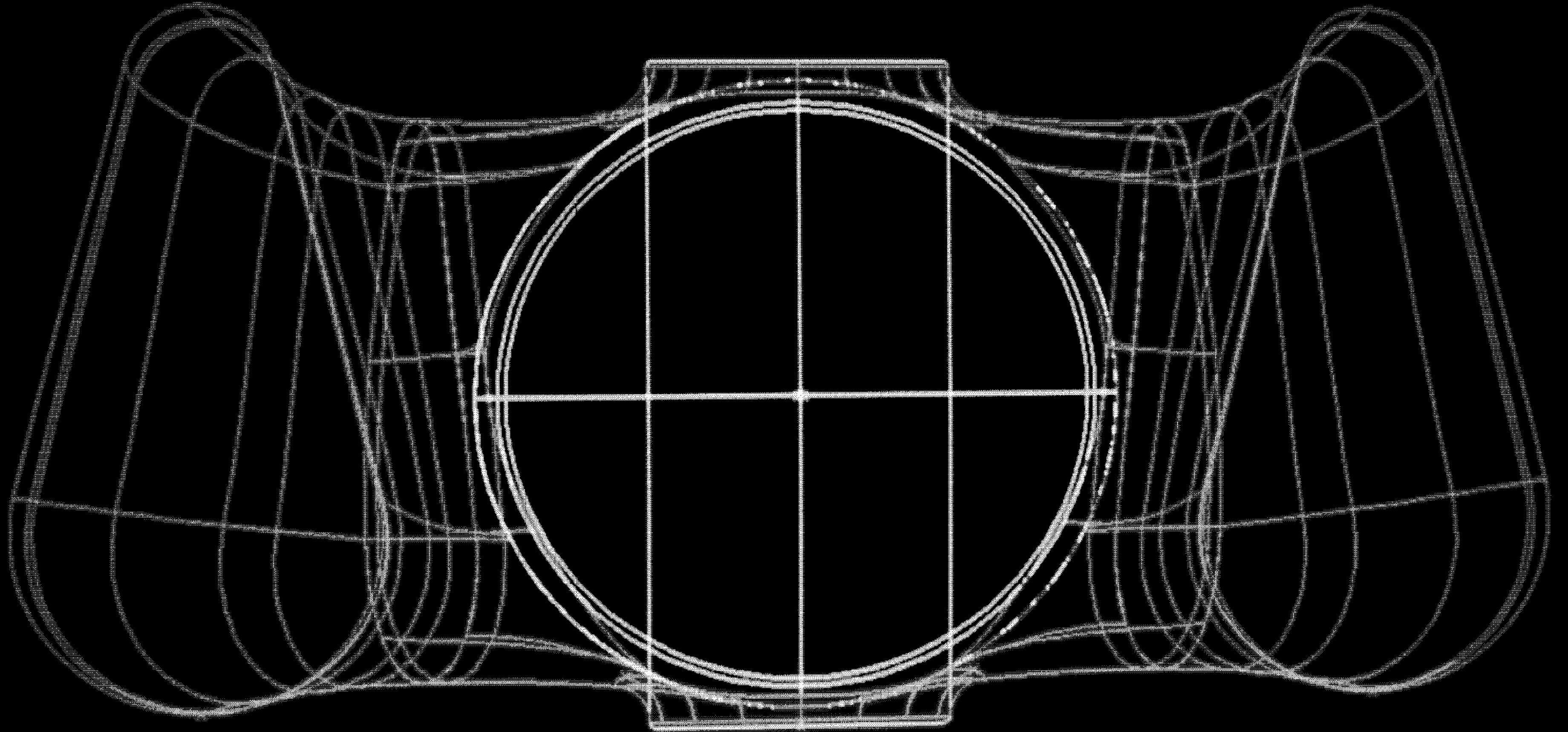


Head Set Standard ZS44-28.6/EC44-40
1-1/8” Upper
1-1/2” Lower
45° Stainless Steel ACB
Aluminum Gap Cap
Upper Stack Height 10.1mm
Lower Stack Height 13mm
Head Tube O.D. Ø 46mm
Head Tube I.D. Ø 44mm
Product Code: 737SS47

To be used with Columbus headtubes:
CYRG18240 / CYRG18600 / XCRX18250
to host 1-1/2” forks



PARTS





To be used with Columbus 1\"/>
Minimal carbon fork
Top-cap fits 1-1/8\" stems
Product code: KGAPCAP25.4C

EXPANDER 1\"/> THREADLESS



To be used with Columbus 1-1/8\"/>
carbon forks
Expander length: 40mm
Top-cap fits 1-1/8\" stems
Product code: KGAPCAP28.6C

EXPANDER 1-1/8\" - 40MM



To be used with Columbus 1-1/8\"/>
forks with
aluminum steerer
Top-cap fits 1-1/8\" stems
Product code: COLUTPR

EXPANDER 1-1/8\" ALUMINUM FORKS



To be used with Columbus 1-1/8\"/>
carbon forks
Expander length: 60mm
Top-cap fits 1-1/8\" stems
Product code: KGAPCAP28.6CL

EXPANDER 1-1/8\" - 60MM



To be used with Columbus 1-1/8" carbon forks
 Expander length: 60mm
 Top-cap fits 1-1/8" stems
 Especially designed for dynamo internal cable routing

Product code:
 KGAPCAP28.6CLCR

EXPANDER 1-1/8" 60MM DYNAMO \ INTERNAL ROUTING



Fast-release allen-key for Columbus thru-axles
 Its special design allows the rider to keep the Switch-Lever on the axle even during the ride, or easily install/remove it before or after wheel tightening
 Compatible with Columbus thru-axles 738TAN2 and 738TA132L15
 Product Code: 737LECO1

SWITCH LEVER



SEAT CLAMPS FOR EXTERNAL BUTTED TUBES

A range of three all-new premium quality Aluminum light weight seat clamps to perfectly match and complete the Columbus External Butted seat tubes with non-standard outer-diameters.

Product Code: ZSC300 / Ø30mm
 to be used with Columbus 29,4 and 29,8mm External Butted seat tubes

Product Code: ZSC325 / Ø32,5mm
 to be used with Columbus 32,5 and 32,9mm External Butted seat tubes

Product Code: ZSC340 / Ø34mm
 to be used with Columbus 33,5mm External Butted seat tubes

HEAD-SETS, HEAD-TUBES & FORKS COMPATIBILITY

733SS30	To be used with Columbus headtube XCRU18250, to host 1-1/4” forks.
737SS34	To be used with Columbus tapered headtube CYRG18245001, to host 1-1/4” forks.
737SS44	To be used with Columbus headtubes: CYRG18240 / CYRG18600 / XCRX18250 to host 1-1/4” forks.
737SS47	To be used with Columbus headtubes: CYRG18240 / CYRG18600 / XCRX18250 to host 1-1/2” forks.
ZV7STEERKITF ZV7STEERKITG	To be used with Columbus tapered headtube CYRT18250 using the internal-cups ZCALT46UP and ZCALT56DOWN to host 1-1/2” forks.
ZV7STEERKITH ZV7STEERKITI	<p>To be used with with Columbus headtubes XCRK18250 and XCRK18600 using internal-cups ZXCRCALUP / ZXCRCALDOWN to host 1-1/8” forks.</p> <p>To be used with Columbus headtubes CYRA18240 and CYRA18600 using internal-cups ZCALA28.6UP / ZCALA28.6DOWN to host 1-1/8” forks</p>



RACEWEAR, APPAREL, ACCESSORIES



TUBOGRAPHY CYCLING JERSEY TUBOGRAPHY VEST



Lightweight slim-fit racing jersey, with back and side panels for moisture wicking and quick drying. The silicone waist gripper locks the jersey in the perfect position. The raw cut sleeves grant precise and comfortable fit. The three back pockets are closed by an elastic band, while the reflective stripes improve the visibility and safety on the road. Full length zip for easy wear.

Composition: 100% Polyester
Sizes: S - M - L - XL
Made in Italy



Slim cut sleeveless light vest with front gravity fabric featuring a rainproof, windproof and waterproof membrane, bi-elastic and breathable. Easy folding up small into a rear pocket. Reflective stripes on the rear pockets improve the visibility and safety on the road.

Composition: 100% Polyester
Sizes: S - M - L - XL
Made in Italy





TUBOGRAPHY BIB SHORTS



Racing summer bib-shorts made of a high-fine fabric which grants a superior level of compression while being highly abrasion-resistant. Thanks to its double density construction, the custom Paris HP Elastic chamois by Elastic Interface, with extra high-density foam inserts, suits perfectly every on and off-road ride. The perforated microfibre mesh braces feel comfortable on the skin and prevent from moisture stagnation.

Composition: 100% Polyester
Sizes: S - M - L - XL
Made in Italy

TUBOGRAPHY WINTER JACKET



Slim cut and rounded sleeves for this winter jacket made of Evolution JFlex from the Storm Shield range, a breathable, protective, elastic and insulating fabric. Which protects and keeps warmth at the same time thanks to the Windtex PRO® membrane. An excellent product for the demanding cyclist who wants to wear a garment that is snug, not heavy, but technical and at the same time protective against the cold. Three open pockets for easy access while riding with gloves. Also perfect for off-bike rendez-vous at the winery.

Composition: 100% Polyester
Made in Italy



TUBOGRAPHY DND GLOVES



The Giro DND™ (Down And Dirty) is all about the essentials – fit, durability, and control. It offers a supple feel at the bars thanks to the EVA pads and features a breathable, 4-way stretch upper for maximum comfort. The special reinforced fingertip adds touch screen technology.

Composition: 92% Polyester 8% Spandex

- 4-way stretch fabric
- Mesh, reinforced fingertips
- EVA pads
- Touchscreen tech

Sizes: S - M - L - XL

TUBOGRAPHY SOCKS



Tubography from head to toe, comfy and technical, always cool.

Hidden (still, you know you wear it) or well displayed.

Three-colour woven leg, bottom woven logos.

Composition: 98% Polyamide 2% Elastomer

Sizes: S-M / L-XL / XXL

Made in Italy





TUBOGRAPHY CYCLING CAP



Either under your helmet or as a streetwear companion, the cycling cap is a must have. Comfort and protection from sun and rain to match your style.

Composition: 65% Polyester 35% Cotton
Size: One Size fits all
Made in Italy

TUBOGRAPHY MUSETTE BAG



Together with the cap, the musette cycling-bag is an icon of cycling history. Three-colour all-over print. Never miss a rifornimento at the feed area!

Composition: 65% Polyester 35% Cotton
Made in Italy



TUBOGRAPHY POCKET T-SHIRT

TUBOGRAPHY T-SHIRT



The whole Tubography style is condensed in a chest pocket detail for this workwear-style everyday tee.

Composition: 100% Cotton
Sizes: S - M - L - XL



The original Columbus dove is revisited on a Tubography background.
A little detail completes the sleeve.

Composition: 100% Cotton
Sizes: S - M - L - XL





TUBOGRAPHY LONGSLEEVE



An added feature for this long-sleeve cotton tee with Tubography fonts and pattern recall animating your arms.

Composition: 100% Cotton
Sizes: S - M - L – XL

TUBOGRAPHY NECK WARMER



A warm caress of style, perfect for chill riding or as a companion for the everyday life.
Stretch lightweight neckwarmer, all-over print, Tubography pattern.

Composition: 100% Polyester
One size fits all.



TUBOGRAPHY WATER BOTTLE



Light-weight racing water bottle.
The bidon is another essential in cycling literature.
The Tubography pattern customizes the iconic Elite Fly water bottle.

Composition: 100% Polypropylene
Size: 550 ml
Made in Italy

TUBOGRAPHY MUG



The mug. Tubography enters your home and accompanies your meditative moments.

Composition: 100% Porcelain
Made in Italy





COLUMBUS TUBOGRAPHY
FINE ART PRINT



100 copies Limited Edition for this Tubography
Silk-Screen Fine Art-Print.
Made in Italy on Hahnemuhle 100% Cotton Paper.

Embossed House Logo.
Signed and Numbered by Andy Cruz,
House Industries Founder.
Print size: 35x50cm

COLUMBUS 100TH ANNIVERSARY
CENTO SILVER RING

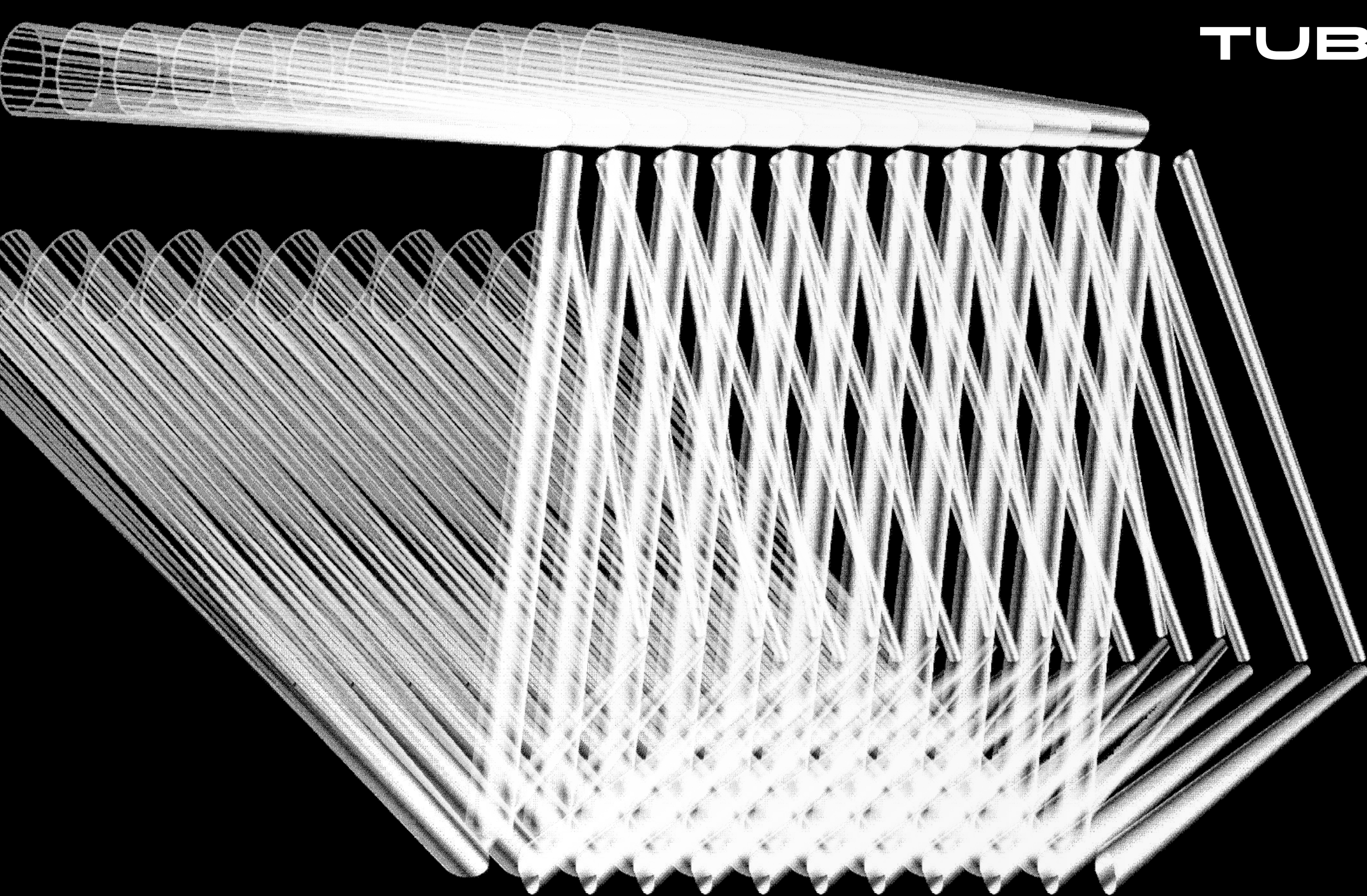


Columbus 100 years anniversary silver ring

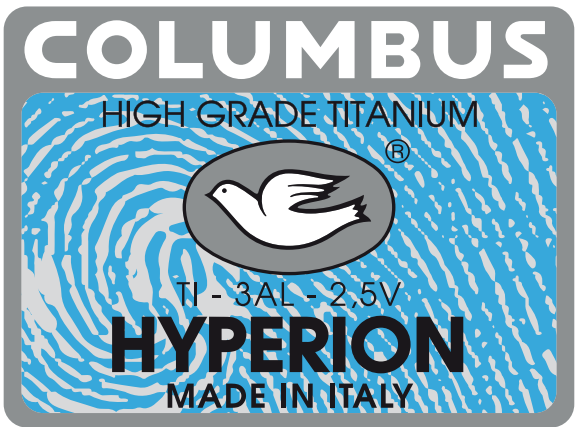
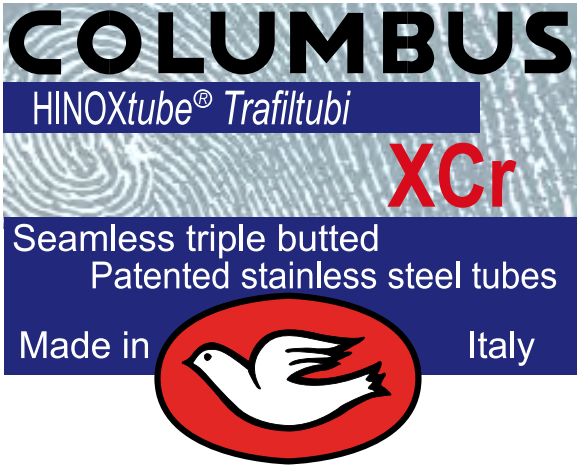
Size small (diameter 17.3 mm)
or medium (diameter 19.7 mm).



TUBING







STAINLESS, SEAMLESS, PERFORMANCE

- The jewel of the crown, top-range tubeset
- The only biphasic stainless seamless tube family available in the cycling industry
- Triple & Double butted tube reinforces
- High corrosion resistance in long-term periods in every use and weather condition
- Seamless-technology, improved stiffness and mechanical properties
- Reduced thickness, up to 0.4mm for an extremely reduced weight
- Exceptional resistance to Stress Corrosion Cracking
- No need to be painted or clear-coated after polishing
- Ultra smooth surface (Ra<0,4)
- Excellent weldability
- Made in Italy

THE NEW ERA OF TITANIUM

- Triple butted Grade 3Al - 2,5V alloy
- Cold-Drawn Seamless Grade 9 Tubeset
- Columbus’ cold-drawing technology improves the mechanical properties of Hyperion tubes compared to other Titanium tubes available on the market, with a +22% increase in UTS relative to non-buttet tubes
- Higher UTS compared to non internally-buttet Ti tubes
- Wide range of special shapes and bends, from the Columbus new and old archives
- Columbus’ special proprietary drawing-lubricant provides extra-clean tubes out “of the box”, without residual oils. This allows builders to prepare tubes for welding more quickly.
- Made in Italy





HIGH STRENGHT, SHAPED

- Triple butted OMNICROM alloy
- Cold-drawn seamless tube
- The very first and only original patented non-round tubeset of the cycling history
- Tubes shapes oriented according to localized specific stress-direction
- Elliptical and oriented oversized sections for an increased momentum of inertia
- Maximized stiffness, reduced thickness, weight and power-dispersion
- Made in Italy

TOP PERFORMANCE, ROAD RACE

- Triple butted OMNICROM alloy
- Cold-Drawn Seamless Tube
- Reduced thickness, up to 0.4mm
- Exceptional mechanical characteristics
- High tensile strenght, superior resilience and incredible fatigue resistance
- Excellent tube-surfaace finishing and highly controlled alloy-composition, regular and close to nominal, for an excellent weld bead
- Visual Quality Control inspection and marking of each tube
- Incomparable strength/weight ratio
- Made in Italy







OVERSIZE, LIGHTNESS, RESISTANCE

- Triple butted OMNICROM alloy
- Cold-Drawn Seamless Tube
- Wide range and great freedom in frame-design & tubeset-composition
- Excellent resistance/weight ratio, wide range of shapes & bends
- Over-sized main tubes
- Exceptional mechanical characteristics
- High breaking load, superior tenacity and incredible fatigue endurance
- Wide range of specs: road-race, gravel, urban and mtb
- Made in Italy

THE REVOLUTIONARY TUBESSET

- Triple butted OMNICROM alloy
- Cold-Drawn Seamless Tube
- The very first and only original patented non-round tubeset of the cycling history
- Tubes shapes oriented according to localized specific stress-direction
- Elliptical and oriented oversized sections for an increased momentum of inertia
- Maximized stiffness, reduced thickness, weight and power-dispersion
- Made in Italy







STRADA LEGGERA, “THE SOUL OF CYCLING”

- Double butted OMNICROM alloy
- The most famous Columbus round set
- Hi-performance, imperial dimensions
- Exclusive laminated tapered fork blades swaged on shaped-mandrels for an improved structure and lightness
- Wide range with multiple diameters and thicknesses and reinforces
- Meets both lugged and Tig-welded frame needs
- Evergreen specifications updated to new alloys
- Double butted seamless tubes, cold worked and stress relieved
- Made in Italy

ALL PURPOSE, HIGH RESISTANCE

- Triple / Double butted 25CroMo4 alloy seamless tubeset
- Moderate weight and high strenght
- Multiple possible shapes, triangle & stays
- Increased wall-thicknesses and butted lenghts in strategic tube areas
- Perfect solution for offroad and training purpose
- Great to mix with lighter Columbus sets for an improved resistance
- Good resistance to heating during welding process
- Great reliability and fatigue life
- Made in Italy





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All the products of Columbus Components range are tested to, and exceed, the requirements of European Standard ISO 4210.

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