

DT SWISS ENGINEERING PERFORMANCE

DT SWISS
1200 RANGE
**BREAK THE
MOLD!**

EMBARGO
JUNE 20, 2024
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XRC 1200 SPLINE®



XMC 1200 SPLINE®



EXC 1200 CLASSIC



HXC 1200 SPLINE®

BREAK THE MOLD!

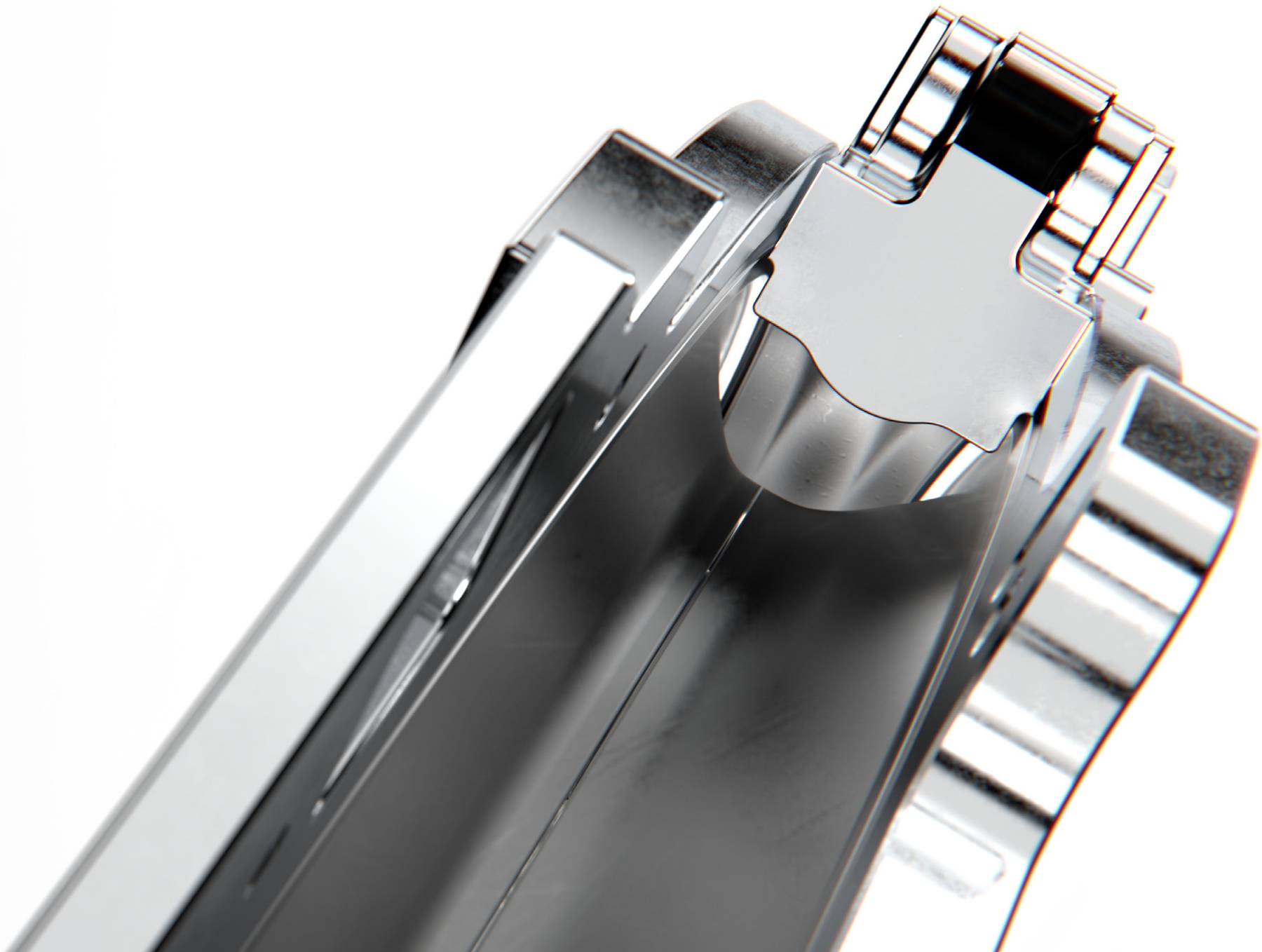
While carbon wheels were once a new concept in the mountain biking world, you can now find them almost anywhere. To make the 1200 range truly stand out as top performing MTB wheels, DT Swiss had to break the mold. A new rim manufacturing process, unique to the industry, creates durable yet light rims through maximum carbon layer compression, while a 100 % quality control technique of each rim certifies minimum imperfections. No final step is needed to dress up the surfaces; the process creates rims that are ready to go, straight out of the mold. This process, paired with component adjustments tailored to each riding style, results in the finest tuned systems to meet your highest expectations. The 1200 wheels are for those who are always striving to improve, who are not afraid of breaking the mold.



DT SWISS

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**NEW CARBON
MOLD RIM
TECHNOLOGY**





NEW CARBON MOLD RIM TECHNOLOGY

An industry disrupting rim manufacturing process and a layer-by-layer nondestructive inspection of every product creates light yet durable rims for a long-lasting riding experience.

The patent-pending process and tools, unique to the industry, use a singular mold to directly construct each rim from the outside in. Maximum carbon layer compression minimizes air and thus resin inclusions, resulting in a more uniform material property that maximizes durability.

The industry standard initially constructs the inner layup separately and then places it into the mold. By removing this step, any displacement between the layers is avoided, resulting in a much more consistent carbon structure with minimal imperfections. Traditionally the industry standard constructs the parts of a carbon rim separately, which can lead to irregularities when joining the parts together. Our new method allows us to construct a high impact resistant rim where the fibers in the outer layers are not cut and thus have continuous strands in the impact areas. This results in a more consistent structure with minimal imperfections.

OUT-OF-THE-MOLD FINISH

The patent-pending outer carbon layer enables an unrivaled high-quality finish on the rim surface, meaning it is ready-to-go, straight out of the mold. The result is a structurally optimized and air-pocket-free layup, without resin build-ups, which not only improves reliability but also enhances the sleek design of the rim. The use of a patented process ensures this unique look and avoids the need for a final coating, which also results in weight savings.



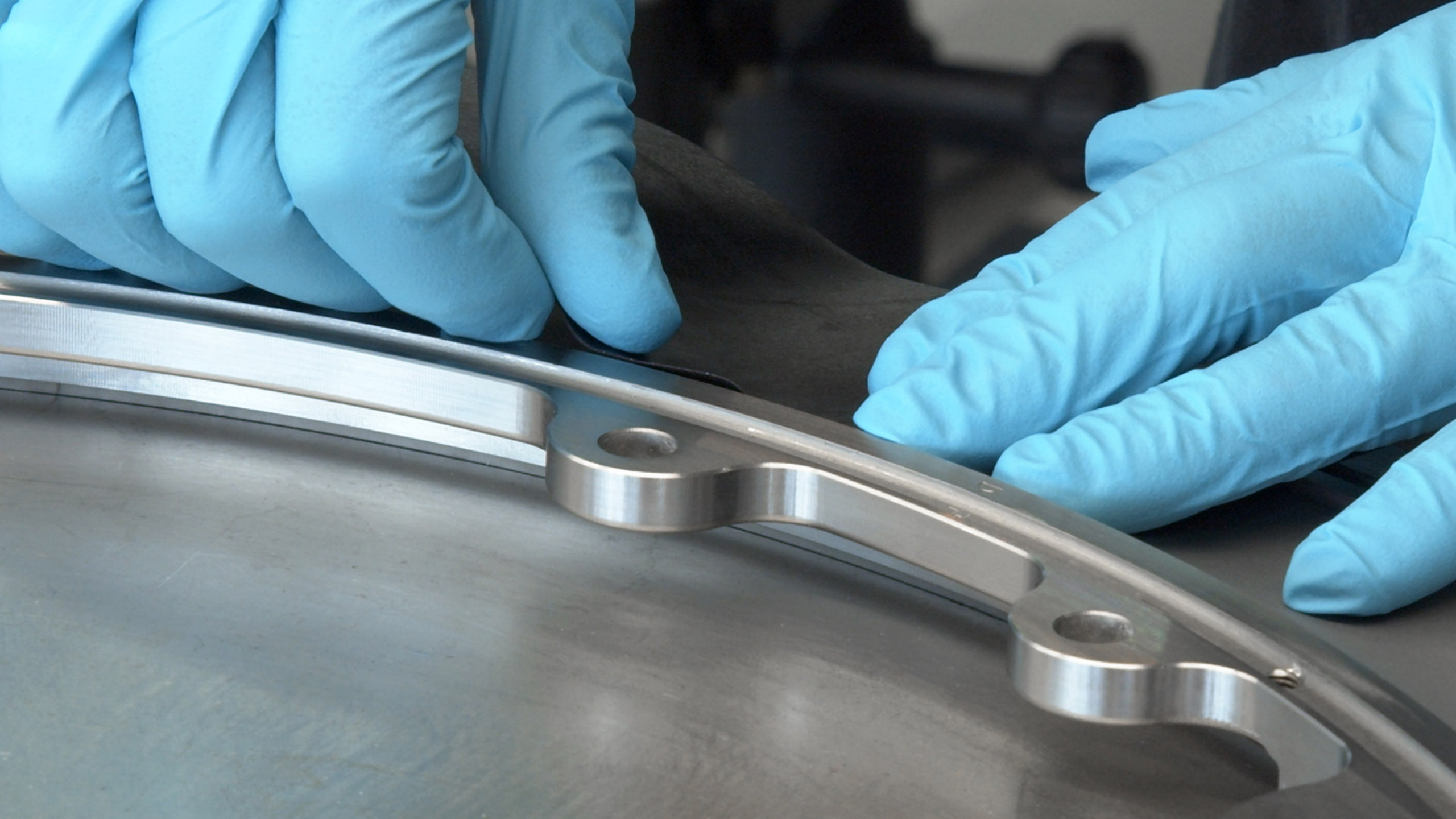
100 % QUALITY CONTROL

In order to ensure a 100 % ready-to-go rim, a patent-pending quality control technique enables us to scan each rim down to the layer. This unmatched method enables us to eliminate any rims that are not 100 % fault-free, resulting in rims that are free of material defects.

CARBON SHIELD TECHNOLOGY

Wheels that undergo higher constraints in use are supported with carbon layers that enclose the entire rim to solidify the rim horns through long and uninterrupted fibers. This acts as a shield against hits and heavier impacts to prevent any weakening between carbon layers, providing a confident ride on rough trails. The number of added carbon layers increases in accordance with the expected impacts relative to the field of use.





DT SWISS

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1200 RANGE
WHEELS



RATCHET DEG

X0

NEW CARBON RIMS

With the innovative rim manufacturing process and the layer-by-layer nondestructive inspection of every product, DT Swiss creates light yet durable rims for a long-lasting riding experience. Moreover, the 1200 range wheels feature carbon layers that enclose the entire rim to solidify the rim horns against heavier impacts through long and uninterrupted fibers.



180 HUBS

To match your ambitions, the wheels in the 1200 range are equipped with specific 180 hub (except the HXC 1200 SPLINE). Lightweight, rigid and with super-smooth SINC ceramic bearings, the heart of the 1200 wheels will spin almost indefinitely, bringing you to the top of a lost glacier or to another win.



DT REVOLITE® SPOKES

With the exception of the HXC 1200 SPLINE®, which benefits from eMTB-specific spokes, every wheel in the 1200 range is equipped with DT Revolite® spokes. This spoke blends strength and lightness with a unique shape that outperforms all other MTB spokes in its weight class in terms of durability.



A close-up photograph of a bicycle wheel hub and spokes. The focus is on the hub, which has the text "MATCHET EXP" printed on it in blue. The spokes are silver and extend from the hub towards the left side of the frame. The background is dark and out of focus.

MATCHET EXP

XRC 1200 SPLINE® BREAK THE MOLD, BREAK RECORDS!

For those always striving to improve, the XRC 1200 SPLINE® is your ticket to the top step. Experience enhanced acceleration & fine-tuned agility to take the lead of the pack. A cutting-edge technique for maximum carbon layer compression yields our lightest MTB rims yet. Both wheels are laced with 24 DT Revolite® spokes. With a lighter rim in front for increased agility and the back wheel featuring our lightest MTB hub, it's our ultimate Cross Country wheelset. The XRC 1200 SPLINE® breaks the mold of your favorite Cross Country setup. Now it's your turn to break records.

WEIGHT

1303 g
(29")

HUB

180 SP

FREEHUB SYSTEM

Ratchet EXP 54T

SPOKES

DT Revolite®
2 x 24





XMC 1200 SPLINE® BREAK THE MOLD, BREAK FREE!

When it comes to All Mountain riding, versatility is key. That is what the XMC 1200 SPLINE® are all about. Our new carbon compression process builds durable yet light rims, while our patent pending layer-by-layer quality control minimizes imperfections to maximize your confidence to break the mold. An agile and lighter rim in the front and a more durable rim in the back makes these wheels efficient and reliable, for the planned and the unplanned. You can choose between the sturdy, fast engaging Ratchet DEG freehub systems or the lightweight Ratchet EXP. Break free from the constraints of your last setup and embrace your next adventure.

WEIGHT
1495 g
(29", EXP 54T)

HUB
180 SP

FREEHUB SYSTEM
Ratchet EXP 54T
Ratchet DEG 90T

SPOKES
DT Revolite®
2 x 28

EXC 1200 CLASSIC BREAK THE MOLD, BREAK LIMITS!

Envision riding the fastest line, whether it's a rocky ridge or over a nasty field of roots, without fear. The EXC 1200 CLASSIC supports your most daring line choices, with plenty of reserve even if they don't go according to plan. Our unique process provides maximum carbon compression to push durability further than ever before. A patent-pending technique for layer-by-layer quality control ensures minimized imperfections straight out of the mold, to maximize your commitment. A lighter front rim has 28 DT Revolite® spokes, while the more durable rear rim has 32. The high-engaging Ratchet DEG makes for a smaller idle distance, crucial for acceleration out of corners. Get ready to push on the stages and break your limits.

WEIGHT

1756 g
(29")

HUB

180 CLASSIC

FREEHUB SYSTEM

Ratchet DEG 90T

SPOKES

DT Revolite®
R 32 / F 28



HXC 1200 SPLINE®

BREAK THE MOLD, BREAK AWAY!

For those looking to get away, to reach the unreachable, the HXC 1200 SPLINE® are for you. The lightweight eMTB wheels efficiently take you to new heights while their durable rims let you tackle sharp alpine rocks. A new process for maximum carbon compression and a patent-pending technique for quality control down to each layer, minimizes imperfections in every wheel straight out of the mold, so you can ride your eMTB without fear of getting stranded in the middle of nowhere. Featuring the e-bike-specific Ratchet EXP OS freehub system and 28 DT Complite HY spokes, all you have to do is turn the power on, kick the pedals and break away.

WEIGHT
1908 g
(29")

HUB
180 SP

FREEHUB SYSTEM
Ratchet EXP OS 42T

SPOKES
DT Complite hybrid
2 x 28 T-head



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PRODUCT
SPECIFICATIONS



XMC 1200

XMC XMC XMC

XRC 1200 SPLINE®

WHEELSIZE	29" / 700C
AXLE SYSTEM	15 x 110 mm 12 x 148 mm
HUB TYPE	180 Straightpull with 54T Ratchet EXP System
DELIVERED FREEHUB	Sram XD & Shimano Micro Spline
BRAKE INTERFACE	Center Lock
RIM MATERIAL	Carbon
INNER WIDTH	30 mm
SPOKE NUMBER	24 front & rear 2-cross
SPOKES	T-head spokes, DT Revolite®, black
NIPPLES	DT Pro Lock® Squorx ProHead aluminum, black
WEIGHT	1.303 g
MAX SYSTEMWEIGHT	120 kg
ASTM CLASS	3
PRICE	from: 2.911,80 \$ / 2.499,80 € / 2.499,80 CHF



PRODUCT PAGE (available from June 20, 2024)

<https://www.dtswiss.com/en/wheels/wheels-mtb/cross-country/xrc-1200-spline>

XMC 1200 SPLINE®

WHEELSIZE	27.5" / 650B & 29" / 700C
AXLE SYSTEM	15 x 110 mm 12 x 148 mm
HUB TYPE	180 Straightpull with 54T Ratchet EXP System 180 Straightpull with 90T Ratchet DEG System
DELIVERED FREEHUB	Sram XD & Shimano Micro Spline
BRAKE INTERFACE	Center Lock or IS 6-bolt
RIM MATERIAL	Carbon
INNER WIDTH	30 mm
SPOKE NUMBER	28 front & rear 3-cross
SPOKES	T-head spokes, DT Revolite®, black
NIPPLES	DT Pro Lock® Squorx ProHead aluminum, black
WEIGHT	29" from: 1.495 g
MAX SYSTEMWEIGHT	120 kg
ASTM CLASS	4
PRICE	from: 2.911,80 \$ / 2.499,80 € / 2.499,80 CHF



PRODUCT PAGE (available from June 20, 2024)

<https://www.dtswiss.com/en/wheels/wheels-mtb/all-mountain/xmc-1200-spline>

EXC 1200 CLASSIC

WHEELSIZE	27.5" / 650B & 29" / 700C
AXLE SYSTEM	15 x 110 mm 12 x 148 mm
HUB TYPE	180 Classic with 90T Ratchet DEG System
DELIVERED FREEHUB	Sram XD & Shimano Micro Spline
BRAKE INTERFACE	Center Lock or IS 6-bolt
RIM MATERIAL	Carbon
INNER WIDTH	30 mm
SPOKE NUMBER	28 front & 32 rear 3-cross
SPOKES	J-bend spokes, DT Revolite®, black
NIPPLES	DT Pro Lock® Hex, aluminum, black
WEIGHT	29" from: 1.756 g
MAX SYSTEMWEIGHT	130 kg
ASTM CLASS	5
PRICE	from: 2.911,80 \$ / 2.499,80 € / 2.499,80 CHF



PRODUCT PAGE (available from June 20, 2024)

<https://www.dtswiss.com/en/wheels/wheels-mtb/enduro/exc-1200-classic>

HXC 1200 SPLINE®

WHEELSIZE	27.5" / 650B & 29" / 700C
AXLE SYSTEM	15 x 110 mm 12 x 148 mm
HUB TYPE	180 Straightpull with 42T Ratchet EXP Oversized system
DELIVERED FREEHUB	Sram XD & Shimano Micro Spline Sram XD & Shimano HG
BRAKE INTERFACE	Center Lock or IS 6-bolt
RIM MATERIAL	Carbon
INNER WIDTH	30 mm
SPOKE NUMBER	28 front & rear 3-cross
SPOKES	T-head spokes, Complite hybrid®, black
NIPPLES	DT Pro Lock® Squorx ProHead aluminum, black
WEIGHT	29" from: 1.908 g
MAX SYSTEMWEIGHT	150 kg
ASTM CLASS	4
PRICE	from: 2.911,80 \$ / 2.499,80 € / 2.499,80 CHF



PRODUCT PAGE (available from June 20, 2024)

<https://www.dtswiss.com/en/wheels/wheels-mtb/hybrid-mtb/hxc-1200-spline>

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TECHNOLOGIES



ARC 1200

ARC 1200 DUCUT
MADE BY DTF-SWISS

DTF-SWISS

ARC 1200

ARC 1200

TECHNOLOGIES



**RATCHET
TECHNOLOGIES**

[More information →](#)



**PRO LOCK
TECHNOLOGY**

[More information →](#)



**BEARING
TECHNOLOGY**

[More information →](#)



**TUBELESS
TECHNOLOGY**

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**ENGAGEMENT ANGLE
TECHNOLOGY**

[More information →](#)



**HAND-BUILT
TECHNOLOGY**

[More information →](#)

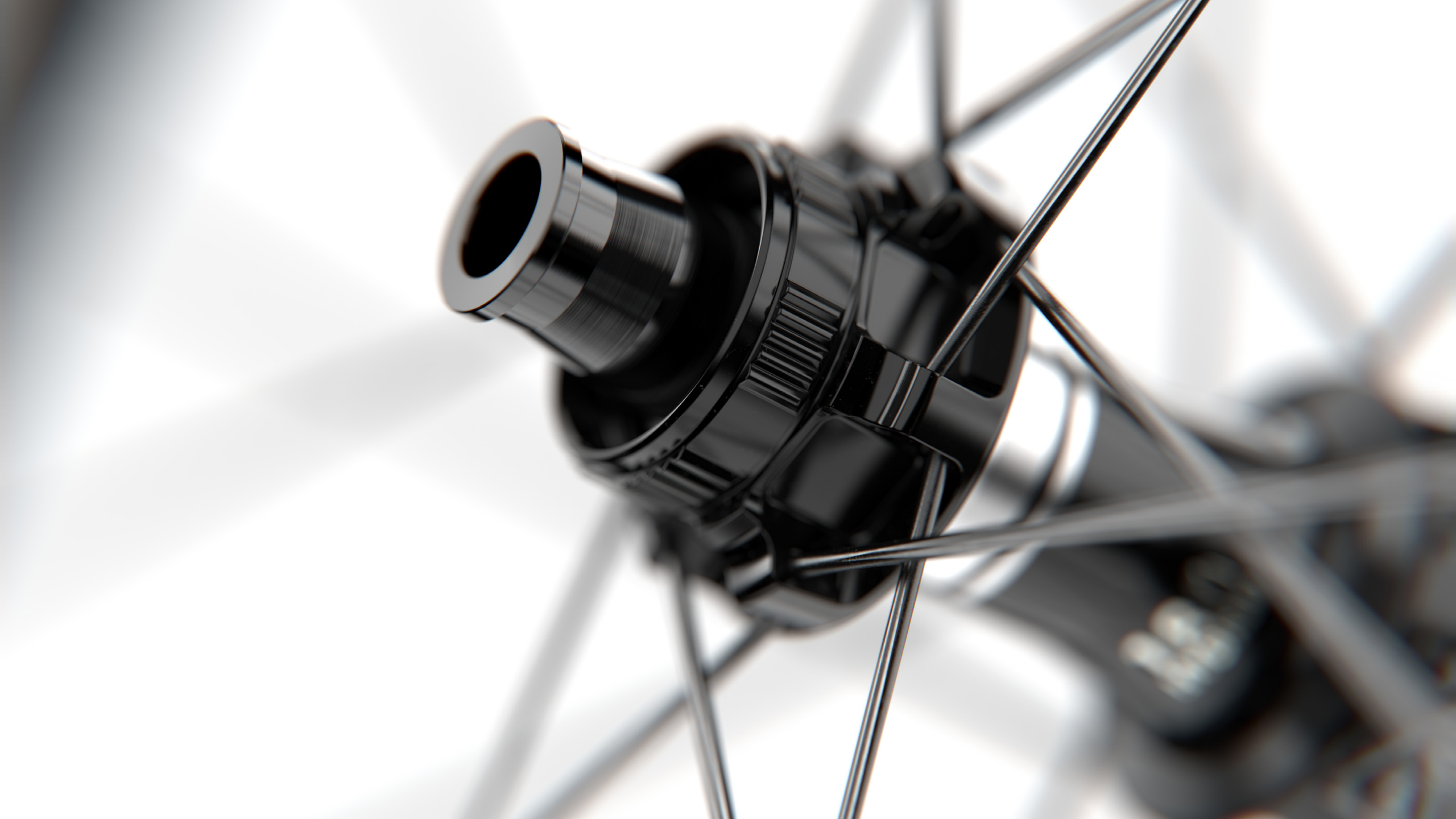


**NEW CARBON MOLD
TECHNOLOGY**

[More information →](#)

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EXPERT
OPINION



XC WORLD CUP RIDERS OPINION

The new XRC 1200 SPLINE® is lighter, and this is clearly noticeable when riding uphill! The modified rim shape offers more flexibility, which increases traction when riding uphill on rough surfaces. This flexibility is also advantageous on descents, as it provides more comfort and therefore more speed. On single trails and really rough terrain, which are increasingly common on World Cup courses, the significant reduction in rolling resistance due to this flexibility is particularly noticeable.

ALESSANDRA KELLER
THÖMUS MAXON TEAM



DT SWISS

AMBITIOUS MTB RIDER OPINION

I've been riding the new DT Swiss XMC 1200 SPLINE® for 6 weeks now. I've completed around 5000km of mountain trails between Italy, Greece and the Balkans (Albania, Kosovo, Montenegro, Bosnia, Croatia), as well as two Bikepacking travels: the Italy Divide and The Accursed. The terrain was highly technical, rocky and rough. From the very first turns of the wheel, I could feel how nervous and light the XMC 1200s were. They're just waiting to be rushed and accelerated. The ceramic bearings are very smooth. There's very little loss of performance here. With the bike loaded with my panniers, the feel is excellent too. You can feel that the wheels are sturdy and don't flex. The rim is very rigid. On numerous occasions, rocks hit the spokes or rims, without damaging them. In short, the XMC 1200 SPLINE® are the perfect blend of a lightweight racing wheel and a solid enduro wheel. Without compromising on weight and strength. A pair of wheels in which I have confidence on all terrains.

ADRIEN LIETCHI

ADVENTURE CYCLIST / BIKEPACKING RACER

PHOTOGRAPHY: @B8CHO





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