

The logo for DT SWISS, featuring the letters 'DT' in a bold, italicized sans-serif font, followed by 'SWISS' in a regular, italicized sans-serif font. The text is black and positioned on a white horizontal band that cuts across a background of dark grey diagonal lines.

DT *SWISS*

The text 'TECHBOOK 2012' in a clean, black, sans-serif font. The year '2012' is significantly larger and bolder than the word 'TECHBOOK'. The text is located in the lower right quadrant of the page, set against a white background with a dark grey diagonal line pattern on the left side.

TECHBOOK **2012**

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DT SWISS SYMBOLS









 Quick release	<p>E</p> <p>A wheelmounting system developed by Tullio Campagnolo in 1922. Originally designed for road bicycles, it became the standard for road- and mountain bikes.</p>	<p>F</p> <p>Le blocage rapide développé en 1922 par Tullio Campagnolo pour les vélos de route, est aujourd'hui le standard pour tous types de vélos.</p>	<p>I</p> <p>Un sistema di montaggio della ruota sviluppato da Tullio Campagnolo nel 1922. Progettato originariamente per le biciclette su strada, è diventato lo standard per le bici su strada e le mountain-bike.</p>	<p>D</p> <p>Der Schnellspanner ist das gebräuchlichste Laufadbefestigungssystem. Es wurde 1922 vom Rennfahrer Tullio Campagnolo erfunden und ist seitdem der Standard für Rennräder und Mountainbikes.</p>
 DT Swiss thru bolt	<p>The DT Swiss Thru Bolt system is 100% compatible with standard quick release dropouts. It uses 9 mm front and 10 mm rear alloy axles, making the connection between the wheel and the frame/fork substantially stronger and safer than a standard quick release.</p>	<p>Le système DT Swiss Thru Bolt est compatible à 100% avec les pattes standard pour blocage rapide. A la place d'un axe en diamètre de 5 mm, le DT Swiss thru bolt utilise un axe en aluminium de 9 mm à l'avant et de 10 mm à l'arrière.</p>	<p>Il sistema DT Swiss Thru Bolt è compatibile al 100% con i forcellini a sgancio rapido standard. Utilizza perni in alluminio anteriori da 9 mm e posteriori da 10 mm, rendendo il collegamento tra la ruota e telaio/forcella sostanzialmente più forte e sicuro di uno sgancio rapido standard.</p>	<p>Das DT Swiss Thru Bolt System ist zu 100% mit Standard Ausfallenden kompatibel. Durch die Verwendung von durchgehenden 9 mm Achsen vorne und 10 mm Achsen hinten wird eine wesentlich festere Laufadverbindung erreicht. Dadurch erhöht sich sowohl die Systemsteifigkeit als auch die Sicherheit.</p>
 Thru axle	<p>A thru axle connection is not compatible with the quick release standard. Thru axles are always an integrated part of the frame or fork. The diameter of the axle is generally 20 or 15 mm at the front and 12 mm at the rear.</p>	<p>Le thru axle n'est pas compatible avec les pattes standard pour blocages rapides. Le thru axle (axe traversant) fait toujours partie intégrante du cadre ou de la fourche. Le diamètre de ces axes est généralement de 20 ou 15 mm à l'avant et 12 mm à l'arrière.</p>	<p>Il perno passante non è compatibile con lo standard a sgancio rapido. I perni passanti sono sempre parte integrante del telaio o della forcella. Il diametro del perno è generalmente 20 o 15 mm sulla ruota anteriore e 12 mm sulla ruota posteriore.</p>	<p>Steckachs-Laufadverbindungen sind nicht mit Ausfallenden für Schnellspanner kompatibel. Die Steckachse ist immer Bestandteil des Rahmens oder der Gabel. Der Durchmesser der Achse beträgt 20 mm oder 15 mm vorne und 12 mm hinten.</p>
 X-12	<p>The X-12 system is as stiff as a normal thru axle but at the same time as user friendly and lightweight as a conventional quick release.</p>	<p>Le système X-12 possède la rigidité d'un axe traversant normal tout en étant aussi rapide en utilisation et léger qu'un blocage rapide conventionnel.</p>	<p>Il sistema X-12 ha la rigidità di un perno passante convenzionale, sempre offrendo però la semplicità e la leggerezza di uno sgancio rapido.</p>	<p>Das X-12 System vereint die überlegene Steifigkeit einer Steckachse mit der Anwendungsfreundlichkeit und dem Leichtgewicht des konventionellen Schnellspanners.</p>
 Bolt on	<p>The bolt on system is mainly found on BMX and single speed frames using horizontal dropouts. Two independent bolts which thread into the axle are used to connect the wheel to the frame or the fork.</p>	<p>Le système bolt on (vissé) est surtout utilisé en BMX et sur des vélos single speed. Deux vis indépendantes sont vissées directement sur l'axe du moyeu.</p>	<p>Il sistema bolt on è utilizzato principalmente su BMX e su bici single speed che utilizzano forcellini orizzontali. Due bulloni indipendenti che si inseriscono nell'asse servono a collegare la ruota al telaio o alla forcella.</p>	<p>Beim Bolt on System verwendet man zwei Schrauben um das Laufad mit dem Rahmen oder der Gabel zu verschrauben. Man findet diese Verbindung oft an BMX und Single Speed Rahmen mit horizontalen Ausfallenden.</p>
 RWS	<p>Patented wheelmounting system. Stiffer, safer and more user friendly than conventional quick releases. 100% disc brake compatible.</p>	<p>Système de montage de roue breveté. Plus rigide, sûr, et plus facile à utiliser que les serrages rapides conventionnels. 100% compatible frein à disque.</p>	<p>Sistema di montaggio della ruota brevettato. Più rigido, sicuro e facile da usare rispetto agli sganci rapidi tradizionali. Compatibile al 100% con i freni a disco.</p>	<p>Patentiertes Laufad-Befestigungssystem. Steifer, sicherer und leichter zu bedienen als ein Schnellspanner. 100% Scheibenbremsen tauglich.</p>
 DT Swiss Ratchet System®	<p>This patented freewheel system uses precision Star Ratchets, featuring extremely high load capacity and reliability. The no tool concept allows for an easy execution of routine maintenance.</p>	<p>Le système de roue libre breveté DT Swiss utilise deux disques dentés. Il garantit une fiabilité et une résistance à l'usure très élevée. Grâce au concept no tool il est très facile à entretenir.</p>	<p>Questo sistema di ruota libera, brevettato, utilizza dei cricchetti a stella di precisione, caratterizzati da capacità di carico ed affidabilità estremamente elevate. Il concetto no tool permette la semplice esecuzione della manutenzione di routine.</p>	<p>Das patentierte Freilauf-System mit hochpräzisen Zahnscheiben garantiert höchste Belastbarkeit und Zuverlässigkeit. Dank dem no-tool-Konzept ist das System sehr einfach und schnell zu warten.</p>
 Two pawl system	<p>A proven freewheel system with two pawls, reliable and safe.</p>	<p>Le système éprouvé de roue libre à 2 cliquets offre fiabilité et sécurité.</p>	<p>Un sistema a ruota libera, consolidato, con due cricchetti, affidabile e sicuro.</p>	<p>Ein bewährtes Freilaufsystem mit zwei Klinken (pawls), zuverlässig und sicher.</p>

DT SWISS SYMBOLS

	E	F	I	D
 No tool	No special tools needed for routine main-tenance.	Aucun outil spécifique n'est nécessaire pour l'entretien régulier.	Per la manutenzione di routine non occorre alcun utensile speciale.	Für die normale Wartung wird kein Spezialwerkzeug benötigt.
 Ceramic cartridge bearings	These sealed bearings use ceramic balls running on stainless steel races. Due to the hardness of the ceramic balls, they feature less rolling resistance and longer life time at a lower weight than any stainless steel bearing.	Ces roulements utilisent des billes en céramique, des cages en acier inoxydable et des joints étanches. Ils ont une résistance au roulement encore plus faible tout en étant plus légers et plus solides.	Questi cuscinetti sigillati utilizzano delle sfere in ceramica che rotolano in guide di scorrimento in acciaio inox. Data la durezza delle sfere in ceramica, essi sono caratterizzati da una minor resistenza al rotolamento e da una maggiore durata nonché da una maggiore leggerezza rispetto a qualsiasi cuscinetto in acciaio inox.	Diese gedichteten Lager verwenden Kugeln aus Keramik und Laufflächen aus rostfreiem Stahl. Neben dem niedrigeren Gewicht sind diese Lager haltbarer als rostfreie und rollen Dank sehr harten Keramik-kugeln noch leichter.
 Stainless steel bearings	Made of stainless steel (balls and races), our sealed stainless bearings are of the highest quality to ensure a long life cycle and permanent low rolling resistance.	Fabriqués en acier inoxydable (billes et cages) et dotés de joints étanches, ces roulements ont une résistance au roulement très faible et offrent une longévité exceptionnelle.	Realizzati in acciaio inox (sfere e guide di scorrimento) i nostri cuscinetti sigillati in acciaio inox sono di massima qualità per garantire un ciclo di vita lungo e una bassa resistenza permanente al rotolamento.	Bei diesegedichteten Lagern sind sowohl Lauf-flächen als auch Kugeln aus rostfreiem Stahl. Sie sind von höchster Qualität und garantieren neben hoher Laufleistung auch einen konstant niedrigen Rollwiderstand.
 Center Lock®	Brake rotor mounting system licensed by Shimano® Inc.	Système de fixation centrale pour disques, licencié de Shimano® Inc.	Il sistema di montaggio del rotore del freno su licenza Shimano®, Inc.	Von Shimano®, Inc. lizenzierte Bremsscheiben-aufnahme.
 IS (6-bolt)	International rotor mounting standard using 6 bolts.	Standard international pour montage du disque de frein à 6 trous.	Standard internazionale di montaggio del rotore che utilizza 6 viti.	Internationaler Standard zur Bremsscheiben-montage mit 6 Schrauben.
 SBWT® welded	SBWT® (strength boost welding technology). Two small inserts are pressed into both ends of the rim to stabilize the profile while it is welded. After welding the joint is CNC machined.	SBWT® (strength boost welding technology). Deux petites pièces d'aluminium sont pressées dans chaque extrémité du profil de jante pour le stabiliser durant la soudure. La soudure est ensuite usinée CNC.	SBWT® (strength boost welding technology). Due piccoli inserti sono inseriti a pressione in entrambe le estremità del cerchio per allineare il profilo durante la saldatura. Dopo la saldatura, il giunto è lavorato a macchina CNC.	Beim SBWT® (strength boost welding technology) Verfahren wird in beide Profilen zur Stabilisation beim Schweißen ein Klötzchen eingepresst. Nach dem Schweißen wird die Naht CNC bearbeitet.
 Sleeve joint	A precise sleeve connects the profile. This guarantees optimum resistance against all occurring loads. Sleeve jointing is the best alternative to SBWT® welded rims.	Chaque extrémité du profil de la jante est pressé sur un manchon de précision. La connection «sleeve joint» garantit une parfaite résistance à la torsion et une fiabilité à toute épreuve.	Un manicotto preciso chiude il profilo. Ciò garantisce una resistenza ottimale a tutti i carichi. Il giunto a manicotto è la migliore alternativa ai cerchi saldati SBWT®.	Bei diesem Verfahren wird ein Formteil (sleeve) gleichmässig in beide Enden des Profils gepresst. Die Sleeve Joint Verbindung ist die beste Alternative zu SBWT® geschweissten Felgen.
 Tubeless	Closed rim bed allows the installation of standard tubeless tires.	Jante non percée permettant le montage de pneus tubeless standard.	La base del cerchio priva di fori consente di installare pneumatici tubeless standard.	Ein geschlossenes Felgenbett ermöglicht die Montage von standard tubeless Reifen.
 Tubular	Tubular tires are every road and XC racers dream. They are glued onto the specifically shaped rim using a contact glue. While being super light, they offer a lot of grip and very little rolling resistance.	Les boyaux sont le choix préféré des coureurs sur route ou en XC. Ils sont collés sur une jante à la forme adaptée avec une colle spécifique et offrent un rendement et une adhérence optimale pour un poids très faible.	Tubolari sono la scelta perfetta per un uso agonistico e vengono incollati su cerchi a forma specifica con una colla speciale. La resistenza al rotolamento e il peso sono minimali sempre offrendo un grip senza pari.	Tubular Reifen sind für den Wettkampfeinsatz auf der Strasse und im Cross Country Bereich das Nonplusultra. Mit Kontaktkleber auf die speziell geformten Felgen aufgebracht, punkten sie mit sehr geringem Rollwiderstand und Gewicht bei maximalem Grip.

DT SWISS SYMBOLS

 <p>DT Swiss Wear control®</p>	<p>E</p> <p>The DT Swiss Wear Control® shows the extent of rim wear. It is compliant to the European standard.</p>	<p>F</p> <p>Des témoins d'usure indiquent l'état d'usure de la jante. Le DT Swiss Wear Control® est conforme aux normes européennes.</p>	<p>I</p> <p>Il DT Swiss Wear Control® evidenzia lo stato di usura del cerchio. È conforme allo standard europeo.</p>	<p>D</p> <p>DT Swiss Felgen für Felgenbremsen sind mit Verbrauchsanzeigen versehen. Diese zeigen den Abnutzungsgrad der Bremsfläche an. Die DT Swiss Wear Control® ist EN konform.</p>
 <p>TRICON®</p>	<p>Patented tubeless wheel system with an ideal stiffness to weight ratio.</p>	<p>Système de roue breveté avec un rapport poids rigidité optimal.</p>	<p>Sistema di ruota tubless brevettato, con un rapporto rigidità – peso ideale.</p>	<p>Patentiertes tubeless Laufradsystem mit optimalen Gewichts- und Steifigkeitswerten.</p>
 <p>DICUT®</p>	<p>A slim wheel system designed with lightweight and stiffness in mind, based on straight-pull lacing.</p>	<p>Un système de roue svelte, optimisé pour la légèreté et la rigidité, construit autour du rayonnage straight-pull.</p>	<p>Un sistema di ruota disegnato per essere leggero e rigido, basato sulla raggiatura straight-pull.</p>	<p>Ein schlankes, auf Leichtgewicht und Steifigkeit ausgelegtes Laufradsystem, basierend auf Straight-Pull Einspeichung.</p>
 <p>Double butted</p>	<p>Double butted spokes are thinner in the middle than at the ends. This is achieved through DT Swiss' unique cold forging technology, which reduces the diameter of the spoke for better strength to weight performance and improved elasticity.</p>	<p>Les rayons «double butted» sont plus fins sur la partie centrale qu'aux extrémités. Ainsi le rapport poids/résistance est considérablement amélioré. DT Swiss utilise sa propre technologie de forgeage à froid pour réduire le diamètre du rayon.</p>	<p>I raggi a doppio spessore sono più sottili al centro che alle estremità. Questo è permesso dalla tecnologia unica DT Swiss di forgiatura a freddo, la quale riduce il diametro del raggio per un migliore rapporto tra resistenza e peso e una migliore elasticità.</p>	<p>Einfach reduzierte Speichen haben einen Mittelteil der dünner ist als die Enden. Alle einfach reduzierten DT Swiss Speichen werden in einem eigens entwickelten Kaltschmiedeverfahren hergestellt.</p>
 <p>Triple butted</p>	<p>These spokes have three different diameters to adapt even further to the occurring loads. Again we use a cold forging process to achieve these qualities.</p>	<p>Ces rayons ont trois diamètres différents pour encore mieux s'adapter aux contraintes qui apparaissent tout en étant très léger. Ils sont bien entendu également forgés à froid.</p>	<p>Questi raggi hanno tre diversi diametri per adattarsi ancora meglio ai carichi. Di nuovo, ci avvaliamo di un processo di forgiatura a freddo per ottenere queste proprietà.</p>	<p>Diese Speichen haben drei verschiedene Durchmesser. So können sie noch besser an die auftretenden Kräfte angepasst werden. Auch hier kommt das Kaltschmiedeverfahren, um die mechanischen Qualitäten der Speichen zu perfektionieren, zum Einsatz.</p>
 <p>Bladed</p>	<p>These spokes have a flat bladed central section for improved aerodynamics. As with our butted spokes, cold forging is used to produce the aero section and to optimize mechanical properties.</p>	<p>Les rayons bladed sont plats pour une meilleure aérodynamique. Comme sur les rayons «butted», le forgeage s'effectue à froid pour améliorer les propriétés mécaniques.</p>	<p>Questi raggi presentano una sezione centrale piatta per una migliore aerodinamica. Come con i nostri raggi a spessore variabile, la forgiatura a freddo serve a realizzare la sezione aero e ad ottimizzare le proprietà meccaniche.</p>	<p>Ein flacher Mittelteil ermöglicht bessere Aerodynamik. Wie bei unseren reduzierten Speichen wird auch diese Umformung per Kaltschmiedeverfahren erreicht.</p>
 <p>Straight pull</p>	<p>Straight pull spokes have no spoke elbow, which eliminates the biggest weakpoint of conventional spokes. They are still true- and replaceable with conventional tools.</p>	<p>Les rayons straight pull ont une tête de rayon non coudée, éliminant le point le plus faible de tous les rayons. Ils restent toujours ajustables et remplaçables avec des outils conventionnels.</p>	<p>I raggi straight pull hanno una testa dritta, eliminando così un punto debole dei raggi convenzionali. Rimangono sempre centrabili e scambiabili con attrezzi convenzionali.</p>	<p>Straight Pull Speichen kommen ohne Speichenbogen aus und eliminieren so einen Schwachpunkt konventioneller Speichen. Trotzdem sind sie mit Standardwerkzeugen zentrier- und ersetzbar.</p>
 <p>DT Swiss Pro Lock®</p>	<p>A patented liquid injected into the nipple thread allows for extremely durable wheel builds.</p>	<p>Une colle adhésive à deux composants injectée dans le filet permet le montage de roues extrêmement fiables.</p>	<p>Un liquido brevettato, iniettato nel filetto dei nipples, consente di realizzare ruote estremamente durevoli.</p>	<p>Das in die Nippel eingespritzte Schraubensicherungssystem ermöglicht den Bau von extrem haltbaren Laufrädern.</p>
 <p>Carbon</p>	<p>Being a high-tech composite material consisting of fibres and resin, carbon can be used to resist the exact forces it is subjected to. This enables engineers to design parts with an unmatched strength to weight ratio.</p>	<p>Matériel composite constitué de fibres et de résine, le carbone peut être parfaitement adapté aux forces auxquelles il doit résister. Cela permet de construire des pièces ayant un rapport entre résistance et poids inégalable.</p>	<p>Essendo un materiale composito consistente di fibre e di una resina, il carbonio può essere impiegato per resistere esattamente alle forze presenti. Questo permette di costruire componenti con un rapporto tra leggerezza e resistenza senza paragone.</p>	<p>Als High-Tech Verbundmaterial aus Fasern und Harz lässt sich Carbon genau entsprechend der auftretenden Belastungen einsetzen. Dadurch können konkurrenzlos leichte und widerstandsfähige Teile konstruiert werden.</p>

	E	F	I	D
 Single shot	Two ride settings: Open mode and lockout. Low weight and high performance are perfectly combined. Adjustable rebound.	Deux positions de roulage: Open mode et blocage. Hautes performances et légèreté sont combinés à la perfection. Détente réglable.	Due possibilità di funzionamento: Modalità aperta o bloccata. Una combinazione di peso contenuto e prestazioni di altissimo livello. Estensione regolabile.	Zwei Fahrmodi: Open mode und Lockout. Geringes Gewicht und Dämpfungsperformance sind perfekt kombiniert.
 Twin shot	Three ride settings: Open mode, climb mode and lockout. Low weight, adjustability and high performance are perfectly combined. Adjustable rebound and compression.	Trois positions de roulage: Open mode, climb mode et blocage. Hautes performances, réglages et légèreté sont combinés à la perfection. Détente et compression réglable.	Tre possibilità di funzionamento: Modalità aperta, salita o bloccata. Una combinazione di peso contenuto, regolabilità e prestazioni di altissimo livello. Estensione e compressione regolabile.	Drei Fahrmodi: Open mode, climb mode und Lockout. Geringes Gewicht, Verstellbarkeit und Dämpfungsperformance sind perfekt kombiniert. Einstellbare Zug- und Druckstufe.
 Launch control	This function closes the rebound circuit, so the fork compresses but does not extend. By pushing the Launch Control button, the fork can be lowered for climbing. If the adjustable release threshold is exceeded by an impact, the Launch Control deactivates automatically and the fork immediately returns to full travel mode.	En activant cette fonction, le circuit de rebond est bloqué et la fourche ne travaille plus qu'en compression. La hauteur peut être ajusté en appuyant sur l'avant du vélo. Si, lors d'un impact, le seuil de déclenchement ajustable est dépassé, le Launch Control se désactive et la fourche retourne au débattement standard.	Questa funzione permette di chiudere il circuito d'estensione. Premere il pulsante Launch Control per abbassare la forcella durante la salita. In caso di superamento della soglia di sblocco regolabile, in seguito ad urto, il Launch Control si disattiva automaticamente e la forcella ritorna immediatamente all'estensione piena.	Diese Funktion schliesst die Zugstufe, die Gabel federt nach dem Komprimieren nur bis zu einem definierten Punkt aus. Dadurch lässt sich die Front des Bikes für Anstiege absenken. Wird die einstellbare Auslösekraft (threshold) durch einen Schlag überschritten, deaktiviert sich das Launch Control und die Gabel arbeitet wieder normal.
 ABS	Auto Balancing Spring – a high performance air spring system. Both the positive and negative air chamber are set up to the rider weight via a single valve.	Auto Balancing Spring. Ressort à air haute performance, dont les pressions dans la chambre positive et négative sont ajustées au poids du pilote par une seule valve.	Auto Balancing Spring – molla d'aria ad alte prestazioni. Le camere d'aria positiva e negativa vengono regolate seguendo il peso del pilota con una sola valvola.	Auto Balancing Spring. Hochleistungs Luftfederung. Positiv- und Negativluftkammer werden über ein einziges Ventil optimal auf das Fahrergewicht eingestellt.
 Remote control	The Remote control allows the manipulation of the suspension from the handlebar.	Le Remote control permet le réglage des suspensions au guidon.	Il Remote control consente di azionare la sospensione dal manubrio.	Das Remote control ermöglicht die Bedienung der Federelemente vom Lenker aus.
 Carbon crown	Crown and steerer are a unit of high modulus UD carbon. The internal rib reinforcements make it safe and stiff.	Té et pivot forment une unité en carbone haut module UD. Les nervures à l'intérieur augmentent la rigidité et la sécurité.	Il tubo sterzo e la corona sono formati da carbonio UD dal alto modulo. Le nervature di rinforzo la rendono sicura e rigida.	Gabelkrone und -schaft sind eine Einheit aus high modulus UD Carbon. Die Rippenverstärkungen im Inneren sorgen für erhöhte Steifigkeit und Sicherheit.
 Hollow arch	The hollow carbon arch makes an extremely stiff and light lower.	Hollow arch (arceau creux en carbone) pour des fourreaux extrêmement rigides et légers.	L'archetto vuoto in carbonio garantisce la massima rigidità e pesi contenuti.	Der Hollow arch (Hohle Carbon Gabelbrücke) sorgt für eine extrem steife und leichte Tauchrohreinheit.
 Torsion box	The two piece, hollow construction of the arch creates a very light and stiff magnesium lower.	Grâce à une construction à deux pièces creuses de l'arceau, les fourreaux en magnésium sont très légers et rigides.	La costruzione cava, in due pezzi, dell'archetto in magnesio dà rigidità e leggerezza al profilo.	Durch die zweiteilige, hohle Konstruktion der Gabelbrücke ist die Magnesium Tauchrohreinheit sehr leicht und steif.

FORKS



XMM 100 29



XMM 120 29



XRC 100



XRM 100



XRR 445



XRR 470



XMM 120



XMM 140



XMM 150



XMC 120



XMC 140



XMC 150












EXM 150



EXC 150

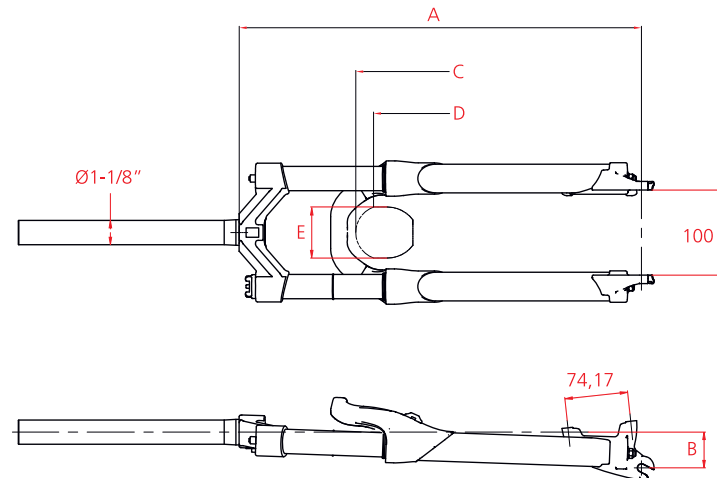
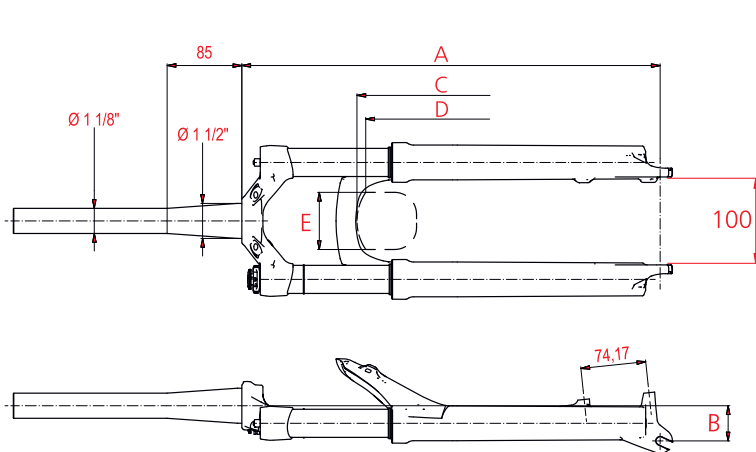
TECH SPECS FORKS

Model	Weight [g]	Travel	Dropout	Color dropout / Fork slider	Material forks slider	Spring	Damping	Remote	Diameter stanchions	Crown	Diameter steerer	Material steerer	Carbon stanchions
		100 mm		W = White (RAL 9010)	Torsion box magnesium				ø 28.6 mm				
		120 mm		S = Black	Hollow arch carbon UD-finish				ø 32 mm				
		140 mm		E = Grey	ABS				A = Aluminium black painted				
		150 mm		R = Red (RAL 3020)	ABS				C = Carbon UD-finish				
		9 mm							ø 1 1/8				
		15 mm							ø 1 1/2				
									A = Aluminium (black anodize)				
									C = Carbon UD-finish				
													
													
													
													
XMM 100 29	1660	●	●	●	●	●	●	●	●	●	●	●	●
XMM 100 29	1748	●	●	●	●	●	●	●	●	●	●	●	●
XMM 100 29	1538	●	●	●	●	●	●	●	●	●	●	●	●
XMM 100 29	1748	●	●	●	●	●	●	●	●	●	●	●	●
XMM 120 29	1675	●	●	●	●	●	●	●	●	●	●	●	●
XMM 120 29	1763	●	●	●	●	●	●	●	●	●	●	●	●
XMM 120 29	1553	●	●	●	●	●	●	●	●	●	●	●	●
XMM 120 29	1763	●	●	●	●	●	●	●	●	●	●	●	●
XRC 100	1250	●	●	●	●	●	●	●	●	●	●	●	●
XRC 100	1270	●	●	●	●	●	●	●	●	●	●	●	●
XRC 100	1270	●	●	●	●	●	●	●	●	●	●	●	●
XRC 100	1170	●	●	●	●	●	●	●	●	●	●	●	●
XRM 100	1550	●	●	●	●	●	●	●	●	●	●	●	●
XRM 100	1570	●	●	●	●	●	●	●	●	●	●	●	●
XRM 100	1570	●	●	●	●	●	●	●	●	●	●	●	●
XRM 100	1455	●	●	●	●	●	●	●	●	●	●	●	●
XRR 445	585	●	●	●	●	●	●	●	●	●	●	●	●
XRR 470	595	●	●	●	●	●	●	●	●	●	●	●	●

● = Serie ○ = Option

TECH SPECS FORKS

Model	Hose guide	Remote lockout	Ride height (A) ± 3 mm	Fork offset (B)	Tire diameter max. (C)	Max. diameter (D) at tire width (E)	Max. tire width (E)	Recommended riders weight max. [kg]	Disc mount
XMM 100 29 XMM 120 29	integrated	optional	503/523 mm	45 mm	756 mm	733 mm	62 mm	110 kg	PM6" max. 210 mm
XRC 100	integrated	optional	475 mm	41 mm	686 mm	662 mm	59 mm	95 kg	PM6" max.185 mm
XRC 100 Race	integrated	integrated	475 mm	41 mm	686 mm	662 mm	59 mm	95 kg	PM6" max.185 mm
XRM 100	integrated	optional	475 mm	40 mm	690 mm	670 mm	65 mm	110 kg	PM6" max. 210 mm
XRR 445 XRR 470	integrated	–	445 mm 470 mm	41 mm 42 mm	690 mm 745 mm	670 mm 678 mm	65 mm	95 kg	PM6" max.185 mm
XMM 120 XMM 140 XMM 150	integrated	optional	495 mm 515 mm 525 mm	40 mm	690 mm	670 mm	65 mm	110 kg	PM6" max. 210 mm
XMC 120 XMC 140 XMC 150	integrated	integrated	495 mm 515 mm 525 mm	40 mm	690 mm	670 mm	65 mm	110 kg	PM6" max. 210 mm
EXM 150	integrated	–	525 mm	40 mm	690 mm	670 mm	65 mm	110 kg	PM6" max. 210 mm
EXC 150	integrated	–	525 mm	40 mm	690 mm	670 mm	65 mm	110 kg	PM6" max. 210 mm



TECH SPECS FORKS

<i>Model</i>	<i>Fork length [mm]</i>	<i>Weight [g]</i>	<i>Steertube / Crown</i>	<i>Stanchions</i>	<i>Finish carbon</i>	<i>Dropouts</i>	<i>Steerer expander</i>
XRR 445	445	585	1 1/8" Monocoque carbon steerer/ crown with rib technology	High-modulus carbonfiber, bonded with carbon spiggot	Carbon UD with silver grafics	Magnesium 9 mm black with integrated 6" PM disc mount for max 185 mm rotors	included
XRR 470	470	595	1 1/8" Monocoque carbon steerer/ crown with rib technology	High-modulus carbonfiber, bonded with carbon spiggot	Carbon UD with silver grafics	Magnesium 9 mm black with integrated 6" PM disc mount for max 185 mm rotors	included

SHOCKS



XR CARBON



XM 180



M 212

TECH SPECS SHOCKS

<i>Model</i>	<i>Weight [g] @ 165 mm e-t-e</i>	<i>Eye-to-eye x travel [mm]</i>	<i>Air chamber, finish</i>	<i>Spring system</i>	<i>Damping</i>	<i>Adjustments</i>	<i>Remote</i>	<i>Mounting system</i>	<i>Standard hardware sizes</i>
XR Carbon	142	165 x 37.5 190 x 50 200 x 50 200 x 55	Carbon fiber	ABS	Superlight, factory tuned hydraulic damping circuit lockout	Rebound Compression lockout	option	ball joint	22.2 / 25.4 x 6/8
XM 180	177	165 x 37.5 190 x 50 200 x 50 200 x 55	Aluminium black anodized	ABS	Superlight, factory tuned hydraulic damping circuit lockout	Rebound Compression lockout	option	ball joint	22.2 / 25.4 x 6/8
M212	198	165 x 37.5 190 x 50 200 x 50 200 x 55	Aluminium black anodized	ABS	HS & LS rebound HS & LS compression lockout	Rebound Compression lockout	n.a.	ball joint	22.2 / 25.4 x 6/8
M212 Remote	218 incl. Lever	165 x 37.5 190 x 50 200 x 50 200 x 55	Aluminium black anodized	ABS	HS & LS Rebound HS & LS Compression lockout	Rebound Compression lockout	standard	ball joint	22.2 / 25.4 x 6/8



RR 1450 TRICON® white



RR 1450 TRICON® black



R 1700 TRICON® aluminium



R 1700 TRICON® black



RR 1450 mon Chasseral



RR 1600 TL



RR 1850 black



R 1800 TL






R 1900

















Cyclo Cross

TECH SPECS WHEELS ROAD

No. of spokes	Spokes						Spoke color	Nipples				Nipple color	Lacing	Intended use	Rim tape	Tire dimension min.	Tire dimension max.	Technical data					Accessories					
	Spoke typ		Length					Nipple typ										Axle clamping force (min./max.) 4000N/8000N	Maximum tire pressure [bar]	Recommended riders weight max. [kg]	RWS Ratchet wheelmounting system 	Rim tape	Wheel bag	Quick release 	Centering tools	Center lock® adapter 		
	Left	Right	Left cross mm	Left radial mm	Right cross mm	Right radial mm		DT Pro lock® torx	DT Pro lock® hexagonal aluminium	DT Pro lock® brass	DT Pro lock® hidden																	
18	DT aerolite	DT aerolite	294	280	294	280	black	●				black	open crowfoot	RR	18 x 622	700 x 19C	700 x 25C	●	9	90	●	●						
24	DT aerolite	DT new aero	289	279	284	272	black	●				black	open crowfoot	RR	18 x 622	700 x 19C	700 x 25C	●	9	90	●	●						
18	DT aerolite	DT aerolite	294	280	294	280	silver	●				black	open crowfoot	RR	18 x 622	700 x 19C	700 x 25C	●	9	90	●	●						
24	DT aerolite	DT new aero	289	279	284	272	silver	●				black	open crowfoot	RR	18 x 622	700 x 19C	700 x 25C	●	9	90	●	●						
18	DT new aero	DT new aero	293	279	293	279	black	●				black	open crowfoot	R	18 x 622	700 x 19C	700 x 25C	●	9	100	●	●						
24	DT new aero	DT new aero	287	279	283	272	black	●				black	open crowfoot	R	18 x 622	700 x 19C	700 x 25C	●	9	100	●	●						
18	DT new aero	DT new aero	293	279	293	279	black	●				black	open crowfoot	R	18 x 622	700 x 19C	700 x 25C	●	9	100	●	●						
24	DT new aero	DT new aero	287	279	283	272	black	●				black	open crowfoot	R	18 x 622	700 x 19C	700 x 25C	●	9	100	●	●						
28	DT revolution	DT revolution		280		280	black		●			red	radial	RR	18 x 622	700 x 19C	700 x 25C	●	9	90	●	●						
28	DT revolution	DT revolution	286		284		black		●			red	2-cross	RR	18 x 622	700 x 19C	700 x 25C	●	9	90	●	●						
18	DT aero comp	DT aero comp		282		282	black	●				black	radial	RR	18 x 622	700 x 19C	700 x 25C	●	9	100	●	●						
24	DT aero comp	DT aero comp	290		288		black	●				black	2-cross	RR	18 x 622	700 x 19C	700 x 25C	●	9	100	●	●						
20	DT new aero	DT new aero		274		274	black		●			black	radial	RR	18 x 622	700 x 19C	700 x 25C	●	9	110	●	●						
24	DT new aero	DT new aero	283		281		black		●			black	2-cross	RR	18 x 622	700 x 19C	700 x 25C	●	9	110	●	●						
20	DT new aero	DT new aero		274		274	sandblasted		●			black	radial	RR	18 x 622	700 x 19C	700 x 25C	●	9	110	●	●						
24	DT new aero	DT new aero	283		281		sandblasted		●			black	2-cross	RR	18 x 622	700 x 19C	700 x 25C	●	9	110	●	●						




● = Serie ○ = Option

TECH SPECS WHEELS ROAD

Model	Width		Rim										Hub																				
	Built-in width [mm]	+/- 5% [g]	ETRTO	Clincher	Tubular	Tubeless	Tubeless kit	Valve holes 6.5 mm	Valve holes 8.5 mm	Material		Rim color			Hub axle system							Free wheel		Rotor body system		Disc mount		Hub color					
										Carbon	Aluminium	Black	White	Grey	Carbon	Quick release 5 mm	9 mm DT Swiss Thru bolt	Lefty	10 mm DT Swiss Thru bolt	12 mm DT Swiss Thru axle	X-12	Bolt on	15 mm	20 mm	DT Swiss ratchet system®	Two pawl system	Shimano 9 / 10 and Sram 9 / 10		Campagnolo 9 / 10 / 11	Center lock®	IS (6-bolt)		
R 1800 TL	100	737	622 x 15	●							●	●				●																black	
R 1800 TL	130	958	622 x 15	●		●				●	●					●											●	●					black
R 1900	100	843	622 x 14	●				●		●	●					●																	black
R 1900	130	1089	622 x 14	●				●		●	●					●										●	●					black	
Cyclo Cross	100	860	622 x 15	●				●		●	●					●															●		black
Cyclo Cross	135	975	622 x 15	●				●		●	●					●									●		●	○	●		black		

● = Serie ○ = Option

TECH SPECS WHEELS ROAD

		Spokes				Nipples				Technical data							Accessories										
No. of spokes	Spoke typ		Length		Spoke color	Nipple typ				Nipple color	Lacing	Intended use	Rim tape	Tire dimension min.	Tire dimension max.	Axle clamping force (min./max.) 4000N/8000N	Maximum tire pressure [bar]	Recommended riders weight max. [kg]	 RWS Ratchet wheelmounting system	Rim tape	Wheel bag	 Quick release	Centering tools	 Center lock® adapter			
	Left	Right	Left cross mm	Left radial mm		Right cross mm	Right radial mm	DT Pro lock® torx	DT Pro lock® hexagonal aluminium																DT Pro lock® brass	DT Pro lock® hidden	
18	DT competition	DT competition		282		282	black	●				black	radial	R	18 x 622	700 x 19C	700 x 25C	●	9	100	●	●					
24	DT competition	DT competition	290		288		black	●				black	2-cross	R	18 x 622	700 x 19C	700 x 25C	●	9	100	●	●					
24	DT champion	DT champion		279		279	black			●		silver	radial	R	18 x 622	700 x 19C	700 x 25C	●	9	110		●		●			
28	DT champion	DT champion	285		283		black			●		silver	2-cross	R	18 x 622	700 x 19C	700 x 25C	●	9	110		●		●			
32	DT competition	DT competition	284		285		black		●			black	3-cross	C	18 x 622	700 x 19C	700 x 35C	●	9	110	●	●					
32	DT competition	DT competition	285		283		black		●			black	3-cross	C	18 x 622	700 x 19C	700 x 35C	●	9	110	●	●					

● = Serie ○ = Option





RRC 46 Dicut® clincher

- RRC 32 Dicut® clincher
- RRC 32 Dicut® tubular
- RRC 46 Dicut® clincher
- RRC 46 Dicut® tubular
- RRC 66 Dicut® clincher
- RRC 66 Dicut® tubular
- RRC disc Dicut® clincher
- RRC disc Dicut® tubular
- RC 620 F
- RC 760 R
- RC 670 F
- RC 820 R

TECH SPECS WHEELS RRC / RC

Model	Width		ETRTO	Clincher	Tubular	Tubeless	Tubeless kit	Rim		Hub													Hub color		
	Built-in width [mm]	+/- 5% [g]						Material	Rim color				Hub axle system						Free wheel		Rotor body system			Disc mount	
								Carbon	Aluminium	Black	White	Grey	Carbon	Quick release 5 mm	9 mm DT Swiss Thru bolt	Lefty	10 mm DT Swiss Thru bolt	12 mm DT Swiss Thru axle	X-12	Bolt on	15 mm	20 mm		DT Swiss ratchet system®	Two pawl system
RRC 32 Dicut® C	100	600	622 x 15	●				●	●									●		●					black
RRC 32 Dicut® C	130	750	622 x 15	●				●	●									●		●					black
RRC 32 Dicut® T	100	470	633 x 20.5		●			●	●									●							black
RRC 32 Dicut® T	130	620	633 x 20.5		●			●	●									●		●					black
RRC 46 Dicut® C	100	640	622 x 15	●				●	●																black
RRC 46 Dicut® C	130	790	622 x 15	●				●	●									●		●					black
RRC 46 Dicut® T	100	530	633 x 20.5		●			●	●																black
RRC 46 Dicut® T	130	680	633 x 20.5		●			●	●									●		●					black
RRC 66 Dicut® C	100	735	622 x 15	●				●	●																black
RRC 66 Dicut® C	130	880	622 x 15	●				●	●									●		●					black
RRC 66 Dicut® T	100	635	633 x 20.5		●			●	●																black
RRC 66 Dicut® T	130	780	633 x 20.5		●			●	●									●		●					black
RRC disc Dicut® C	130	1200	622 x 15	●				●	●									●		●	○				black
RRC disc Dicut® T	130	1050	633 x 20.5		●			●	●									●		●	○				black
RC 620F	100	660	622 x 15	●				●	●																black
RC 760R	130	790	622 x 15	●				●	●									●		●	○				black
RC 670F	100	692	622 x 15	●				●	●																black
RC 820R	130	831	622 x 15	●				●	●									●		●	○				black

● = Serie ○ = Option

TECH SPECS WHEELS RRC / RC

No. of spokes	Spokes						Nipples				Technical data								Accessories							
	Spoke typ		Length				Spoke color	Nipple typ				Nipple color	Lacing	Intended use	Rim tape	Tire dimension min.	Tire dimension max.	Axle clamping force (min./max.) 4000N/8000N	Maximum tire pressure [bar]	Recommended riders weight max. [kg]	RWS Ratchet wheelmounting system	Rim tape	Wheel bag	Quick release	Centering tools	Center lock® adapter
	Left	Right	Left cross mm	Left radial mm	Right cross mm	Right radial mm		DT Pro lock® torx	DT Pro lock® hexagonal aluminium	DT Pro lock® brass	DT Pro lock® hidden															
20	DT aerolite	DT aerolite	-	280	-	280	white			●	silver	radial	RR	18 x 622	700 x 19C	700 x 23C	●	9	90	●	●	●				
24	DT aerolite	DT aero comp	283	-	277	-	white			●	silver	2-cross	RR	18 x 622	700 x 19C	700 x 23C	●	9	90	●	●	●		●		
20	DT aerolite	DT aerolite	-	280	-	280	white			●	silver	radial	RR	-	700 x 19T	700 x 22T	●	14	90	●		●				
24	DT aerolite	DT aero comp	283	-	277	-	white			●	silver	2-cross	RR	-	700 x 19T	700 x 22T	●	14	90	●		●		●		
20	DT aerolite	DT aerolite	-	266	-	266	white			●	silver	radial	RR	18 x 622	700 x 19C	700 x 23C	●	9	90	●	●	●				
24	DT aerolite	DT aero comp	270	-	262	-	white			●	silver	2-cross	RR	18 x 622	700 x 19C	700 x 23C	●	9	90	●	●	●		●		
20	DT aerolite	DT aerolite	-	266	-	266	white			●	silver	radial	RR	-	700 x 19T	700 x 22T	●	14	90	●		●				
24	DT aerolite	DT aero comp	270	-	262	-	white			●	silver	2-cross	RR	-	700 x 19T	700 x 22T	●	14	90	●		●		●		
16	DT aerolite	DT aerolite	-	248	-	248	white			●	silver	radial	RR	18 x 622	700 x 19C	700 x 23C	●	9	90	●	●	●				
20	DT aerolite	DT aero comp	254	-	246	-	white			●	silver	2-cross	RR	18 x 622	700 x 19C	700 x 23C	●	9	90	●	●	●		●		
16	DT aerolite	DT aerolite	-	248	-	248	white			●	silver	radial	RR	-	700 x 19T	700 x 22T	●	14	90	●		●				
20	DT aerolite	DT aero comp	254	-	246	-	white			●	silver	2-cross	RR	-	700 x 19T	700 x 22T	●	14	90	●		●		●		
-	-	-	-	-	-	-					silver	-	RR	-	700 x 19C	700 x 23C	●	9	90	●		●				
-	-	-	-	-	-	-					silver	-	RR	-	700 x 19T	700 x 22T	●	14	90	●		●				
20	DT aerolite	DT aerolite		280		280	black			●	silver	radial	RR	18 x 622	700 x 19C	700 x 23C	●	9	90	●	●	●				
24	DT aerolite	DT aerolite	288		286		black			●	silver	2-cross	RR	18 x 622	700 x 19C	700 x 23C	●	9	90	●	●	●				
20	DT aerolite	DT aerolite		266		266	black			●	silver	radial	RR	18 x 622	700 x 19C	700 x 23C	●	9	90	●	●	●				
24	DT aerolite	DT aerolite	274		272		black			●	silver	2-cross	RR	18 x 622	700 x 19C	700 x 23C	●	9	90	●	●	●				

● = Serie ○ = Option



WHEELS MTB



XM 1550 TRICON® black



XM 1550 TRICON® white



XM 1550 TRICON® 29



M 1700 TRICON® aluminium



M 1700 TRICON® black



FX 1950 TRICON®



XRC 950T



XRC 950T 29



XRC 1150



XRC 1350



XR 1450



X 1600



X 1800



X 1900



XM 1650



M 1800 TL



M 1800 TL 29



M 1900



EXC 1550






EX 1750



E 2000

TECH SPECS WHEELS MTB

No. of spokes	Spokes						Nipples				Technical data								Accessories							
	Spoke typ		Length				Spoke color	Nipple typ				Nipple color	Lacing	Intended use	Rim tape	Tire dimension min.	Tire dimension max.	Axle clamping force (min./max.) 4000N/8000N	Maximum tire pressure [bar]	Recommended riders weight max. [kg]	 RWS Ratchet wheelmounting system	Rim tape	Wheel bag	 Quick release	Centering tools	 Center lock® adapter
	Left	Right	Left cross mm	Left radial mm	Right cross mm	Right radial mm		DT Pro lock® torx	DT Pro lock® hexagonal aluminium	DT Pro lock® brass	DT Pro lock® hidden															
24	DT aerolite	DT aerolite	256	247	258	248	white	●				black	open crowfoot	XM	22 x 559	26" x 1.7"	26" x 2.4"	●	4	100	●	●				●
24	DT aerolite	DT aerolite	256	247	258	248	white	●				black	open crowfoot	XM	22 x 559	26" x 1.7"	26" x 2.4"	●	4	100	●	●				●
24	DT aerolite	DT aerolite	255	244	257	248	white	●				black	open crowfoot	XM	22 x 559	26" x 1.7"	26" x 2.4"	●	4	100	●	●				●
24	DT aerolite	DT new aero	257	248	255	243	white	●				black	open crowfoot	XM	22 x 559	26" x 1.7"	26" x 2.4"	●	4	100	●	●				●
24	DT aerolite	DT new aero	257	248	255	243	white	●				black	open crowfoot	XM	22 x 559	26" x 1.7"	26" x 2.4"	●	4	100	●	●				●
24	DT aerolite	DT aerolite	256	247	258	248	black	●				black	open crowfoot	XM	22 x 559	26" x 1.7"	26" x 2.4"	●	4	100	●	●				●
24	DT aerolite	DT aerolite	256	247	258	248	black	●				black	open crowfoot	XM	22 x 559	26" x 1.7"	26" x 2.4"	●	4	100	●	●				●
24	DT aerolite	DT new aero	257	248	255	243	black	●				black	open crowfoot	XM	22 x 559	26" x 1.7"	26" x 2.4"	●	4	100	●	●				●
24	DT aerolite	DT new aero	257	248	255	243	black	●				black	open crowfoot	XM	22 x 559	26" x 1.7"	26" x 2.4"	●	4	100	●	●				●
30	DT aerolite	DT aerolite	284	277	286	280	white	●				black	open crowfoot	XM	22 x 622	29" x 1.7"	29" x 2.4"	●	4	100	●	●				●
30	DT aerolite	DT aerolite	284	277	286	280	white	●				black	open crowfoot	XM	22 x 622	29" x 1.7"	29" x 2.4"	●	4	100	●	●				●
30	DT aerolite	DT aerolite	281	274	285	279	white	●				black	open crowfoot	XM	22 x 622	29" x 1.7"	29" x 2.4"	●	4	100	●	●				●
30	DT aerolite	DT new aero	286	279	283	274	white	●				black	open crowfoot	XM	22 x 622	29" x 1.7"	29" x 2.4"	●	4	100	●	●				●
24	DT new aero	DT new aero	256	247	258	249	black	●				black	open crowfoot	M	22 x 559	26" x 1.7"	26" x 2.4"	●	4	100	●	●				●
24	DT new aero	DT new aero	256	247	258	249	black	●				black	open crowfoot	M	22 x 559	26" x 1.7"	26" x 2.4"	●	4	100	●	●				●
24	DT new aero	DT new aero	257	249	255	244	black	●				black	open crowfoot	M	22 x 559	26" x 1.7"	26" x 2.4"	●	4	100	●	●				●
24	DT new aero	DT new aero	256	247	258	249	black	●				black	open crowfoot	M	22 x 559	26" x 1.7"	26" x 2.4"	●	4	100	●	●				●
24	DT new aero	DT new aero	256	247	258	249	black	●				black	open crowfoot	M	22 x 559	26" x 1.7"	26" x 2.4"	●	4	100	●	●				●
24	DT new aero	DT new aero	257	249	255	244	black	●				black	open crowfoot	M	22 x 559	26" x 1.7"	26" x 2.4"	●	4	100	●	●				●













● = Serie ○ = Option

TECH SPECS WHEELS MTB

No. of spokes	Spokes						Nipples				Technical data							Accessories										
	Spoke typ		Length				Spoke color	Nipple typ				Nipple color	Lacing	Intended use	Rim tape	Tire dimension min.	Tire dimension max.	Axle clamping force (min./max.) 4000N/8000N	Maximum tire pressure [bar]	Recommended riders weight max. [kg]	RWS Ratchet wheelmounting system	Rim tape	Wheel bag	Quick release	Centering tools	Center lock® adapter		
	Left	Right	Left cross mm	Left radial mm	Right cross mm	Right radial mm		DT Pro lock® torx	DT Pro lock® hexagonal aluminium	DT Pro lock® brass	DT Pro lock® hidden																	
30	DT aero comp	DT aero comp	251	243	252	244	white	●				black	open crowfoot	FR	25 x 559	26" x 1.9"	26" x 2.7"	●	3	130		●						
30	DT aero comp	DT aero comp	251	243	252	244	white	●				black	open crowfoot	FR	25 x 559	26" x 1.9"	26" x 2.7"	●	3	130		●						
30	DT aero comp	DT aero comp	253	245	252	244	white	●				black	open crowfoot	FR	25 x 559	26" x 1.9"	26" x 2.7"	●	3	130	●	●						
30	DT aero comp	DT aero comp	253	245	252	244	white	●				black	open crowfoot	FR	25 x 559	26" x 1.9"	26" x 2.7"	●	3	130		●						
30	DT aero comp	DT aero comp	253	245	253	245	white	●				black	open crowfoot	FR	25 x 559	26" x 1.9"	26" x 2.7"	●	3	130		●						
28	DT aerolite	DT aerolite	257		260		white		●			black	3-cross	X	-	26" x 1.95"	26" x 2.2"	●	4	90	●		●				●	
28	DT aerolite	DT aerolite	257		255		white		●			black	3-cross	X	-	26" x 1.95"	26" x 2.2"	●	4	90	●		●		●		●	
32	DT aerolite	DT aerolite	284		286		white		●			black	3-cross	X	-	29" x 1.95"	29" x 2.2"	●	4	90	●		●				●	
32	DT aerolite	DT aerolite	284		282		white		●			black	3-cross	X	-	29" x 1.95"	29" x 2.2"	●	4	90	●		●		●		●	
24	DT aerolite	DT aerolite	262		265		black		●			black	2-cross	X	22 x 559	26" x 1.5"	26" x 2.1"	●	3	90	●	●	●				●	
24	DT aerolite	DT aerolite	263		260		black		●			black	2-cross	X	22 x 559	26" x 1.5"	26" x 2.1"	●	3	90	●	●	●		●		●	
28	DT aerolite	DT aerolite	267		268		black		●			black	3-cross	X	22 x 559	26" x 1.5"	26" x 2.1"	●	3	90	●	●	●				●	
28	DT aerolite	DT aerolite	267		268		black		●			black	3-cross	X	22 x 559	26" x 1.5"	26" x 2.1"		3	90		●	●				●	
28	DT aerolite	DT aerolite	268		266		black		●			black	3-cross	X	22 x 559	26" x 1.5"	26" x 2.1"	●	3	90	●	●	●		●		●	
28	DT aerolite	DT aerolite	268		270		black		●			red	3-cross	XR	22 x 559	26" x 1.5"	26" x 2.25"	●	4	90	●	●					●	
28	DT aerolite	DT aerolite	268		270		black		●			red	3-cross	XR	22 x 559	26" x 1.5"	26" x 2.25"	●	4	90		●					●	
28	DT aerolite	DT aerolite	270		268		black		●			red	3-cross	XR	22 x 559	26" x 1.5"	26" x 2.25"	●	4	90	●	●					●	

● = Serie ○ = Option

TECH SPECS WHEELS MTB

Model	Width		Weight	Rim										Hub																			
	Built-in width [mm]	+/- 5% [g]*		ETRTO	Clincher	Tubular	Tubeless	Tubeless kit	Valve holes 6.5 mm	Valve holes 8.5 mm	Material		Rim color				Hub axle system						Free wheel		Rotor body system		Disc mount		Hub color				
											Carbon	Aluminium	Black	White	Grey	Carbon	Quick release 5 mm	9 mm DT Swiss Thru bolt	Lefty	10 mm DT Swiss Thru bolt	12 mm DT Swiss Thru axle	X-12	Bolt on	15 mm	20 mm	DT Swiss ratchet system®	Two pawl system	Shimano 9 / 10 and Sram 9 / 10		Campagnolo 9 / 10 / 11	Center lock®	IS (6-bolt)	
X 1600	100	750	559 x 18	●			○	●			●	●					●					X-12										black	
X 1600	100	740	559 x 18	●			○	●		●	●						●							●								black	
X 1600	135	880	559 x 18	●			○	●		●	●						●		○	○	○				●		●						black
X 1800	100	830	559 x 17	●			○	●		●	●						●														●	black	
X 1800	135	1015	559 x 17	●			○	●		●	●						●								●	●					●	black	
X 1900	100	867	559 x 17	●			○	●		●	●						●														●	black	
X 1900	135	1094	559 x 17	●			○	●		●	●						●								●	●					●	black	
XM 1650	100	718	559 x 19.5	●			○	●		●		●					●	○						○							●	grey	
XM 1650	100	714	559 x 19.5	●			○	●		●		●					●	○						●							●	grey	
XM 1650	135	831	559 x 19.5	●			○	●		●		●					●		○	○	○				●	●					●	grey	
M 1800 TL	100	807	559 x 19.5	●	●		●			●	●						●														●	black	
M 1800 TL	100	787	559 x 19.5	●	●		●			●	●						●							●							●	black	
M 1800 TL	135	920	559 x 19.5	●	●		●			●	●						●		○	○	○				●	●					●	black	
M 1800 TL 29	100	905	622 x 19.5	●	●		●			●	●						●														●	black	
M 1800 TL 29	100	885	622 x 19.5	●	●		●			●	●						●							●							●	black	
M 1800 TL 29	135	1020	622 x 19.5	●	●		●			●	●						●		○	○	○				●	●					●	black	

● = Serie ○ = Option

*Weight without cl adapter or quick release or thru axle

TECH SPECS WHEELS MTB

No. of spokes	Spokes						Nipples				Technical data							Accessories								
	Spoke typ		Length				Spoke color	Nipple typ				Nipple color	Lacing	Intended use	Rim tape	Tire dimension min.	Tire dimension max.	Axle clamping force (min./max.) 4000N/8000N	Maximum tire pressure [bar]	Recommended riders weight max. [kg]	RWS Ratchet wheelmounting system	Rim tape	Wheel bag	Quick release	Centering tools	Center lock® adapter
	Left	Right	Left cross mm	Left radial mm	Right cross mm	Right radial mm		DT Pro lock® torx	DT Pro lock® hexagonal aluminium	DT Pro lock® brass	DT Pro lock® hidden															
28	DT competition	DT competition	268	269		black	●			black	3-cross	X	22 x 559	26" x 1.5"	26" x 2.25"	●	4	90	●	●					●	
28	DT competition	DT competition	268	269		black	●			black	3-cross	X	22 x 559	26" x 1.5"	26" x 2.25"	●	4	90		●					●	
28	DT competition	DT competition	269	268		black	●			black	3-cross	X	22 x 559	26" x 1.5"	26" x 2.25"	●	4	90	●	●					●	
28	DT competition	DT competition	266	268		black	●			black	3-cross	X	22 x 559	26" x 1.5"	26" x 2.25"	●	4	90	●	●						
28	DT competition	DT competition	267	266		black	●			black	3-cross	X	22 x 559	26" x 1.5"	26" x 2.25"	●	4	90	●	●						
28	DT champion	DT champion	266	268		black		●		black	3-cross	X	22 x 559	26" x 1.5"	26" x 2.25"	●	4	90		●		●				
28	DT champion	DT champion	267	266		black		●		black	3-cross	X	22 x 559	26" x 1.5"	26" x 2.25"	●	4	90		●		●				
28	DT aerolite	DT aerolite	266	267		black	●			red	3-cross	XM	22 x 559	26" x 1.7"	26" x 2.4"	●	4	100	●	●					●	
28	DT aerolite	DT aerolite	266	267		black	●			red	3-cross	XM	22 x 559	26" x 1.7"	26" x 2.4"	●	4	100		●					●	
28	DT aerolite	DT aerolite	267	265		black	●			red	3-cross	XM	22 x 559	26" x 1.7"	26" x 2.4"	●	4	100	●	●					●	
28	DT competition	DT competition	266	268		black	●			black	3-cross	M	22 x 559	26" x 1.7"	26" x 2.4"	●	4	100	●	●					●	
28	DT competition	DT competition	266	268		black	●			black	3-cross	M	22 x 559	26" x 1.7"	26" x 2.4"	●	4	100		●					●	
28	DT competition	DT competition	267	266		black	●			black	3-cross	M	22 x 559	26" x 1.7"	26" x 2.4"	●	4	100	●	●						
32	DT competition	DT competition	294	295		black	●			black	3-cross	M	22 x 622	29" x 1.7"	29" x 2.4"	●	4	100	●	●					●	
32	DT competition	DT competition	294	295		black	●			black	3-cross	M	22 x 622	29" x 1.7"	29" x 2.4"	●	4	100		●					●	
32	DT competition	DT competition	294	293		black	●			black	3-cross	M	22 x 622	29" x 1.7"	29" x 2.4"	●	4	100	●	●					●	

● = Serie ○ = Option


TECH SPECS WHEELS MTB

Model	Width	Weight	Rim																Hub														
			ETRTO	Clincher	Tubular	Tubeless	Tubeless kit	Valve holes 6.5 mm	Valve holes 8.5 mm	Material		Rim color				Hub axle system						Free wheel		Rotor body system		Disc mount		Hub color					
										Carbon	Aluminium	Black	White	Grey	Carbon	Quick release 5 mm	9 mm DT Swiss Thru bolt	Lefty	10 mm DT Swiss Thru bolt	12 mm DT Swiss Thru axle	X-12	Bolt on	15 mm	20 mm	DT Swiss ratchet system®	Two pawl system	Shimano 9 / 10 and Sram 9 / 10		Campagnolo 9 / 10 / 11	Center lock®	IS (6-bolt)		
M 1900	100	880	559 x 19	●			○	●		●	●					●																●	black
M 1900	100	850	559 x 19	●			○	●		●	●													●							●	black	
M 1900	135	1080	559 x 19	●			○	●		●	●					●										●	●				●	black	
EXC 1550	100	715	559 x 21	●				●	●						●	○								●	○						●	black	
EXC 1550	110	715	559 x 21	●				●	●							○	○							○	●						●	black	
EXC 1550	135	815	559 x 21	●				●	●						●	○	○									●	●				●	black	
EXC 1550	142	815	559 x 21	●				●	●						●	○										●	●				●	black	
EX 1750	100	828	559 x 21	●			○	●	●	●					○	○								●	○						●	white	
EX 1750	110	832	559 x 21	●			○	●	●	●					○	○								○	●						●	white	
EX 1750	135	930	559 x 21	●			○	●	●	●					○	○										●	●				●	white	
EX 1750	142	930	559 x 21	●			○	●	●	●					○	○										●	●				●	white	
EX 1750	150	955	559 x 21	●			○	●	●	●																●	●				●	white	
E 2000	100	920	559 x 21	●			○	●	●	●					●																●	black	
E 2000	110	935	559 x 21	●			○	●	●	●														●							●	black	
E 2000	135	1035	559 x 21	●			○	●	●	●					●	○	○	○								●	●				●	black	

●= Serie ○= Option

*Weight without cl adapter or quick release or thru axle

TECH SPECS WHEELS MTB

No. of spokes	Spokes						Nipples				Technical data							Accessories								
	Spoke typ		Length				Spoke color	Nipple typ				Nipple color	Lacing	Intended use	Rim tape	Tire dimension min.	Tire dimension max.	Axle clamping force (min./max.) 4000N/8000N	Maximum tire pressure [bar]	Recommended riders weight max. [kg]	RWS Ratchet wheelmounting system	Rim tape	Wheel bag	Quick release	Centering tools	Center lock® adapter
	Left	Right	Left cross mm	Left radial mm	Right cross mm	Right radial mm		DT Pro lock® torx	DT Pro lock® hexagonal aluminium	DT Pro lock® brass	DT Pro lock® hidden															
32	DT champion	DT champion	261	263		black		●		black	3-cross	M	22 x 559	29" x 1.7"	29" x 2.4"	●	4	100		●		●				
32	DT champion	DT champion	261	263		black		●		black	3-cross	M	22 x 559	29" x 1.7"	29" x 2.4"	●	4	100		●						
32	DT champion	DT champion	262	261		black		●		black	3-cross	M	22 x 559	29" x 1.7"	29" x 2.4"	●	4	100		●		●				
32	DT aerolite	DT aerolite	259	260		white	●			red	3-cross	EX	25 x 559	29" x 1.9"	29" x 2.5"	●	3	110		●	●					
32	DT aerolite	DT aerolite	259	260		white	●			red	3-cross	EX	25 x 559	29" x 1.9"	29" x 2.5"	●	3	110		●	●					
32	DT aerolite	DT aerolite	260	260		white	●			red	3-cross	EX	25 x 559	29" x 1.9"	29" x 2.5"	●	3	110	●	●	●		●			
32	DT aerolite	DT aerolite	260	260		white	●			red	3-cross	EX	25 x 559	29" x 1.9"	29" x 2.5"	●	3	110		●	●		●			
32	DT aerolite	DT aerolite	260	262		black	●			red	3-cross	EX	25 x 559	29" x 1.9"	29" x 2.5"	●	3	110		●						
32	DT aerolite	DT aerolite	260	262		black	●			red	3-cross	EX	25 x 559	29" x 1.9"	29" x 2.5"	●	3	110		●						
32	DT aerolite	DT aerolite	261	261		black	●			red	3-cross	EX	25 x 559	29" x 1.9"	29" x 2.5"	●	3	110	●	●						
32	DT aerolite	DT aerolite	261	261		black	●			red	3-cross	EX	25 x 559	29" x 1.9"	29" x 2.5"	●	3	110		●						
32	DT aerolite	DT aerolite	261	261		black	●			red	3-cross	EX	25 x 559	29" x 1.9"	29" x 2.5"	●	3	110		●						
32	DT competition	DT competition	263	264		black		●		black	3-cross	E	25 x 559	29" x 1.9"	29" x 2.5"	●	3	110	●	●					●	
32	DT competition	DT competition	261	263		black		●		black	3-cross	E	25 x 559	29" x 1.9"	29" x 2.5"	●	3	110		●						
32	DT competition	DT competition	263	262		black		●		black	3-cross	E	25 x 559	29" x 1.9"	29" x 2.5"	●	3	110	●	●					●	

● = Serie ○ = Option



RIMS ROAD & TOURING



RR 415



RR 465 double



RR 465 double white



RR 585



R 450



R 520








TK 540



TK 540 disc

TECH SPECS RIMS ROAD & TOURING

Model	Dimension	Weight	Riding style		Rim joint	Brake		Holes					Eyelets			Color			Dimension			Valve holes	
			Road race	Touring		Disc brake	Rim brake	20 holes	24 holes	28 holes	32 holes	36 holes	None	Single	Double	UD carbon	Black	White	Grey	ERD [mm]	Outer width [mm]	Height [mm]	Presta ø 6.5 mm
Road Rims	ETRTO	+/- 5% [g]																					
RR 415	622 x 15	415	●			●					●	●			●			●	599	19.4	20.8	●	
RR 465 double	622 x 15	470	●			●					●	●			●			●	599	19	20.8	●	
RR 465 double white	622 x 15	470	●			●					●				●		●	599	19	20.8	●		
RR 585	622 x 15	580	●			●		●	●		●	●		●			●	582	19.5	30.3	●		
R 450	622 x 15	445	●				●				●	●		●			●	596	19.8	22.5	●		
R520	622 x 15	500	●				●				●	●		●			●	584	20.1	29.5	●		

Touring Rims

TK 540	622 x 19	545		●		●		●				●	●		●		●	600	23.6	20.2	●	
TK 540 disc	622 x 19	545		●		●	●					●			●		●	600	23.6	20.2	●	

● = Serie ○ = Option

* stainless inserts instead of eyelets / ** or like posted on the tire

1 inch = 25.4 mm / 1 bar = 14.2 psi / 1 kg = 2.2 lbs

TECH SPECS RIMS ROAD & TOURING

Tire dimension & pressure			Spoke tension & recommendations									Accessories			
Min.	Max.	Max. pressure**	Max spoke tension [N]	DT aerolite	DT aerocomp	DT new aero	DT aero speed	DT supercomp	DT competition	DT alpine III	DT revolution	DT champion	Recommended riders weight max. [kg]	Rim tape	Tubeless solution
700 x 19C	700 x 25	9 bar	1100	●							●		90	622 x 18	none
700 x 19C	700 x 35	9 bar	1200	●	●				●		●		110	622 x 18	none
700 x 19C	700 x 35	9 bar	1200	●	●				●		●		110	622 x 18	none
700 x 19C	700 x 35	9 bar	1200		●	●	●		●				110	622 x 18	none
700 x 19C	700 x 35	9 bar	1200	●	●				●				110	622 x 18	none
700 x 19C	700 x 35	9 bar	1200		●	●	●		●				110	622 x 18	none
700 x 1" C	700 x 2.35" C	6 bar	1200		●				●				130	622 x 18	none
700 x 1" C	700 x 2.35" C	6 bar	1200		●				●				130	622 x 18	none

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* stainless inserts instead of eyelets / ** or like posted on the tire

1 inch = 25.4 mm / 1 bar = 14.2 psi / 1 kg = 2.2 lbs



RIMS MTB



XRC 300



XR 350



XR 400



XR 400 white



XR 400 29



XR 425



X 430



X 470 29



XM 450



XM 490 29



M 480



M 520



EXC 400



EX 500



E 530



FR 600



F 630

TECH SPECS RIMS MTB

Tire dimension & pressure			Spoke tension & recommendations										Accessories		
Min.	Max.	Max. pressure**	Max spoke tension [N]	DT aerolite	DT aerocomp	DT new aero	DT aero speed	DT supercomp	DT competition	DT alpine III	DT revolution	DT champion	Recommended riders weight max. [kg]	Rim tape	Tubeless solution
26" x 1.5"	26" x 2.1"	3 bar	1000	●	●			●	●				90	559 x 22	none
26" x 1.5"	26" x 2.1"	3 bar	1000	●	●			●	●				75	559 x 18	none
26" x 1.5"	26" x 2.25"	4 bar	1200	●	●			●	●				90	559 x 22	XR/X Kit
26" x 1.5"	26" x 2.25"	4 bar	1200	●	●			●	●				90	559 x 22	XR/X Kit
29" x 1.5"	29" x 2.25"	4 bar	1200	●	●			●	●				90	622 x 22	XR/X 29 Kit
26" x 1.5"	26" x 2.25"	4 bar	1200	●	●			●	●		●		90	559 x 22	XR/X Kit
26" x 1.5"	26" x 2.25"	4 bar	1200	●	●			●	●				90	559 x 22	XR/X Kit
29" x 1.5"	29" x 2.25"	4 bar	1200	●	●			●	●				90	622 x 22	XR/X 29 Kit
26" x 1.7"	26" x 2.4"	4 bar	1200	●	●			●	●				100	559 x 22	XM/M Kit
29" x 1.7"	29" x 2.4"	4 bar	1200	●	●			●	●				100	622 x 22	XM/M 29 Kit
26" x 1.7"	26" x 2.4"	4 bar	1200	●	●			●	●		●		100	559 x 22	XM/M Kit
29" x 1.7"	29" x 2.4"	4 bar	1200	●	●			●	●		●		100	622 x 22	XM/M 29 Kit
26" x 1.9"	26" x 2.5"	3 bar	1200	●	●			●	●				110	559 x 22	none
26" x 1.9"	26" x 2.5"	3 bar	1200	●	●			●	●				110	559 x 22	EX/E Kit
26" x 1.9"	26" x 2.5"	3 bar	1200		●			●	●		●		110	559 x 22	EX/E Kit
26" x 2.1"	26" x 3"	3 bar	1200		●			●	●				130	559 x 25	none
26" x 2.1"	26" x 3"	3 bar	1200					●	●		●		130	559 x 25	none

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* stainless inserts instead of eyelets / ** or like posted on the tire

1 inch = 25.4 mm / 1 bar = 14.2 psi / 1 kg = 2.2 lbs

HUBS



180 carbon ceramic



240s



350



440 freeride



540 tandem

TECH SPECS HUBS

Model	Width	Weight	Hub axle system						Spoke holes				Color		Disc mount	Cassette system	Hub dimension				Technical data			Accessories										
180 carbon ceramic	Built-in dimension [mm]	+/- 5% [g]*	Quick release 5 mm	9 mm DT Swiss Thru bolt	10 mm DT Swiss Thru bolt	12 mm DT Swiss Thru axle	X-12	bolt on	15 mm	20 mm	16 holes	18 holes	20 holes	24 holes	28 holes	32 holes	36 holes	Black	White	Center lock®	IS (6-bolt)	Shimano 9 / 10 and Sram 9 / 10	Campagnolo 9 / 10 / 11	Flange distance (L/R) [mm]	Pitch circle diameter (L/R) [mm]	Spoke hole ø [mm]	Optimized spoke ø [mm]	Spoke tension radial lacing max. 1000N	Spoke tension crossed max. 1200N	Axle clamping force (min./max) 4000N/8000N	Maintenance	RWS Ratchet wheelmounting system	Center lock® adapter	
	180 Non disc										•	•	•	•	•	•	•	•	•			•	○	74.8(37.4/37.4)	39.0/39.0	2.4	2.0	•	•	•				
Front	100	100	•							•	•	•	•	•	•		•																	
Rear	130	183	•														•	•			•	○	50.2(33.2/17.0)	41.0/45.0	2.4	2.0		•	•	•				
	130	190	•														•	•			○	•	50.2(33.2/17.0)	41.0/45.0	2.4	2.0		•	•	•				
180 Center lock®																																		
Front	100	107	•														•	•	○				58.5(22.5/36.0)	44.0/37.5	2.5	2.0		•	•				•	
Rear	135	207	•														•	•	○	•			52.5(33.2/19.5)	44.0/47.5	2.5	2.0		•	•	•				•

●= Serie ○= Option

*Weight without cl adapter or quick release or thru axle

TECH SPECS HUBS

Model	Width	Weight	Hub axle system								Spoke holes					Color	Disc mount	Cassette system	Hub dimension				Technical data			Accessories							
	Built-in dimension [mm]	+/- 5% [g]*	Quick release 5 mm	9 mm DT Swiss Thru bolt	10 mm DT Swiss Thru bolt	12 mm DT Swiss Thru axle	X-12	bolt on	15 mm	20 mm	20 holes	24 holes	28 holes	32 holes	36 holes	Black	White	Center lock®	IS (6-bolt)	Shimano 9 / 10 and Sram 9 / 10	Campagnolo 9 / 10 / 11	Flange distance (L/R) [mm]	Pitch circle diameter (L/R) [mm]	Spoke hole ø [mm]	Optimized spoke ø [mm]	Spoke tension radial lacing max. 1000N	Spoke tension crossed max. 1200N	Axle clamping force (min./max.) 4000N/8000N	Maintenance	RWS Ratchet wheelmounting system	Center lock® adapter		
240s																																	
240s Non disc																																	
Front	100	105	●							●	●	●	●		●							74.8(37.4/37.4)	39.0/39.0	2.4	2.0	●	●	●					
	100	105	●									●	●			●						74.8(37.4/37.4)	39.0/39.0	2.4	2.0	●	●	●					
Rear road	130	209	●								●	●	●		●				●	○	50.2(33.2/17.0)	45.0/45.0	2.4	2.0		●	●	●	●				
	130	209	●								●	●	●		●				○	●	50.2(33.2/17.0)	45.0/45.0	2.4	2.0		●	●	●	●				
	130	209	●									●	●			●			●	○	50.2(33.2/17.0)	45.0/45.0	2.4	2.0		●	●	●	●				
	130	209	●									●	●			●			○	●	50.2(33.2/17.0)	45.0/45.0	2.4	2.0		●	●	●	●				
Rear MTB	135	219	●									●	●		●				●		54.7(35.3/19.4)	45.0/45.0	2.4	2.0		●	●	●	●				
240s Disc brake IS																																	
Front	100	145	●	○							●	●	●	●	●			●				57.8(22.4/35.4)	58.0/42.0	2.5	2.0		●	●					
Front oversize	110	165	○	○				○	●			●	●	●	●			●				52.4(22.2/30.2)	58.0/52.0	2.5	2.0		●	●					
Rear	135	244	●		○	○	○					●	●	●	●			●	●	●	●	53.4(34.0/19.4)	57.0/47.4	2.5	2.0		●	●	●	●			
	135	242	○		●	○	○					●	●	●	●			●	●	●	●	53.4(34.0/19.4)	57.0/47.4	2.5	2.0		●	●	●	●	●		
	142	240	○		○	●	●					●	●	●	●			●	●	●	●	53.4(34.0/19.4)	57.0/47.4	2.5	2.0		●	●	●	●			
	150	275				●						●	●	●	●			●	●	●	●	53.0(26.5/26.5)	57.0/57.0	2.5	2.0		●	●	●	●			
240s Center lock®																																	
Front fifteen	100	130	●	○				○			●	●	●	●	●			●	○			58.1(22.5/35.6)	44.0/42.0	2.5	2.0		●	●					
	100	130	●	○				○			●	●	●	●	●			●	○			58.1(22.5/35.6)	44.0/42.0	2.5	2.0		●	●					
	100	126	○	○				●			●	●	●	●	●			●	○			58.1(22.5/35.6)	44.0/42.0	2.5	2.0		●	●					
	100	126	○	○				●			●	●	●	●	●			●	○			58.1(22.5/35.6)	44.0/42.0	2.5	2.0		●	●					
Rear	135	233	●		○	○	○				●	●	●	●	●			●	○	●		52.4(33.0/19.4)	44.0/47.5	2.5	2.0		●	●	●	●			
	135	233	●		○	○	○				●	●	●	●	●			●	○	●		52.4(33.0/19.4)	44.0/47.5	2.5	2.0		●	●	●	●			
	135	230	○		●	○	○				●	●	●	●	●			●	○	●		52.4(33.0/19.4)	44.0/47.5	2.5	2.0		●	●	●	●	●		
	142	228	○		○	●	●				●	●	●	●	●			●	○	●		52.4(33.0/19.4)	44.0/47.5	2.5	2.0		●	●	●	●			

●= Serie ○= Option

*Weight without cl adapter or quick release or thru axle

Model	Width	Weight	Hub axle system							Spoke holes					Color		Disc mount	Cassette system	Hub dimension				Technical data				Accessories					
240s	Built-in dimension [mm]	+/- 5% [g]*	Quick release 5 mm	9 mm DT Swiss Thru bolt	10 mm DT Swiss Thru bolt	12 mm DT Swiss Thru axle	X-12	bolt on	15 mm	20 mm	20 holes	24 holes	28 holes	32 holes	36 holes	Black	White	Center lock®	IS (6-bolt)	Shimano 9 / 10 and Sram 9 / 10	Campagnolo 9 / 10 / 11	Flange distance (L/R) [mm]	Pitch circle diameter (L/R) [mm]	Spoke hole ø [mm]	Optimized spoke ø [mm]	Spoke tension radial lacing max. 1000N	Spoke tension crossed max. 1200N	Axle clamping force (min./max.) 4000N/8000N	Maintenance	RWS Ratchet wheelmounting system	Center lock® adapter	
	240s Lefty																															
Front	Lefty	124									●	●	●		●			●	○			51.0(18.8/32.2)	58.0/45.0	2.4	2.0		●	●	●		●	
	Lefty	124									●	●	●		●	●			●	○			51.0(18.8/32.2)	58.0/45.0	2.4	2.0		●	●	●		●
240s Single speed																																
Rear	135	243	●										●	●	●		●	○				67.4(33.0/34.4)	45.0/45.0	2.5	2.0		●	●	●		●	
	135	308						●					●	●	●		●	○					67.4(33.0/34.4)	45.0/45.0	2.5	2.0		●	●	●		●
240s BMX																																
Front	100	103		●									●	●	●								74.8(37.4/37.4)	39.0/39.0	2.5	2.0		●	●		●	
Rear	112	204			●								●	●	●				●				45.6(22.8/22.8)	45.0/45.0	2.5	2.0		●	●	●	●	

● = Serie ○ = Option













*Weight without cl adapter or quick release or thru axle

TECH SPECS HUBS

Model	Width	Weight	Hub axle system						Spoke holes				Color	Disc mount	Cassette system	Hub dimension		Technical data			Accessories												
	Built-in dimension [mm]	+/- 5% [g] *	Quick release 5 mm	9 mm DT Swiss Thru bolt	10 mm DT Swiss Thru bolt	12 mm DT Swiss Thru axle	X-12	bolt on	15 mm	20 mm	20 holes	24 holes	28 holes	32 holes	36 holes	Black	White	Center lock®	IS (6-bolt)	Shimano 9 / 10 and Sram 9 / 10	Campagnolo 9 / 10 / 11	Flange distance (L/R) [mm]	Pitch circle diameter (L/R) [mm]	Spoke hole ø [mm]	Optimized spoke ø [mm]	Spoke tension radial lacing max. 1000N	Spoke tension crossed max. 1200N	Axle clamping force (min./max.) 4000N/8000N	Maintenance	RWS Ratchet wheelmounting system	Center lock® adapter		
350																																	
350 Non disc																																	
Front	100	149	●									●	●		●							74.8(37.4/37.4)	39.0/39.0	2.6	2.0	●	●	●					
Rear	130	265	●									●	●		●				●	○		50.3(33.5/16.8)	46.0/46.0	2.6	2.0		●	●	●				
	130	252	●									●	●		●				○	●		50.3(33.5/16.8)	46.0/46.0	2.6	2.0		●	●	●				
	135	267	●									●	●		●				●	○		50.3(31.0/19.3)	46.0/46.0	2.6	2.0		●	●	●				
350 Disc brake IS																																	
Front	100	194	●									●	●		●			●				57.4(22.4/35.0)	58.0/52.0	2.6	2.0		●	●					
	100	172						●				●	●		●			●				57.4(22.4/35.0)	58.0/52.0	2.6	2.0		●	●					
	110	239							●			●	●		●			●				55.5(23.3/32.2)	58.0/58.0	2.6	2.0		●	●					
Rear	135	305	●		○	○	○					●	●		●			●	●			54.0(33.6/20.3)	58.0/52.0	2.6	2.0		●	●	●				
	142	300	○		○	●	●					●	●		●			●	●			54.0(33.6/20.3)	58.0/52.0	2.6	2.0		●	●	●				
	150	344				●						●	●		●			●	●			53.4(26.7/26.7)	58.0/58.0	2.6	2.0		●	●	●				
350 Center lock®																																	
Front	100	156	●									●	●		●		●	○				57.4(22.4/35.0)	44.0/42.0	2.6	2.0		●	●					
	100	136						●				●	●		●		●	○				57.4(22.4/35.0)	44.0/42.0	2.6	2.0		●	●					
Rear	135	272	●		○	○	○					●	●		●		●	○	●			53.2(33.0/20.2)	46.0/46.0	2.6	2.0		●	●	●				
	135	266	○		●	○	○					●	●		●		●	○	●			53.2(33.0/20.2)	46.0/46.0	2.6	2.0		●	●	●		●		
	135	265	○		○	●	○					●	●		●		●	○	●			53.2(33.0/20.2)	46.0/46.0	2.6	2.0		●	●	●		●		
	142	267	○		○	●	●					●	●		●		●	○	●			53.2(33.0/20.2)	46.0/46.0	2.6	2.0		●	●	●		●		

● = Serie ○ = Option

*Weight without cl adapter or quick release or thru axle

Model	Width	Weight	Hub axle system		Spoke holes		Color	Disc mount	Cassette system	Hub dimension		Technical data		Accessories																		
440 freeride 440 disc	Built-in dimension [mm]	+/- 5% [g]*					X-12				20 holes	24 holes	28 holes	32 holes	36 holes	Black	White			Shimano 9 / 10 and Sram 9 / 10	Campagnolo 9 / 10 / 11	Flange distance (L/R) [mm]	Pitch circle diameter (L/R) [mm]	Spoke hole ø [mm]	Optimized spoke ø [mm]	Spoke tension radial lacing max. 1000N	Spoke tension crossed max. 1200N	Axle clamping force (min./max.) 4000N/8000N				
	Front	110	204	○	○									●	●	●			●	●			52.4(22.15/30.25)	58.0/52.0	2.8	2.34		●	●			
Rear	150	359				●								●	●	●			●	●			52.3(26.15/26.15)	58.0/58.0	2.8	2.34		●	●	●		

● = Serie ○ = Option

*Weight without cl adapter or quick release or thru axle

SPOKES

DT champion



DT competition



DT super comp



DT revolution



DT alpine



DT alpine III



DT aerolite



DT aero speed






DT new aero



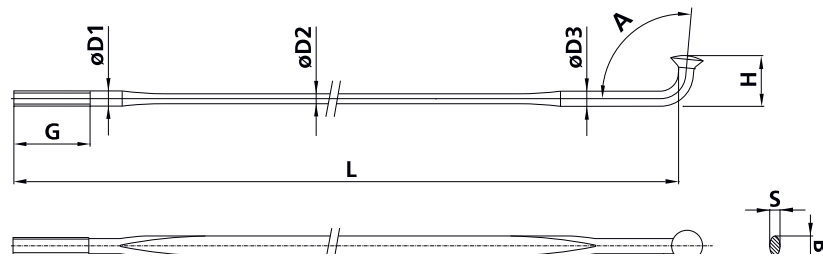
DT aero comp



TECH SPECS SPOKES

Model	Thread (DIN 79012)	Length (L)	Shape	Length of thread (G)	Height of head (H)	Diameter 1 (D1)	Diameter 2 (D2)	Diameter 3 (D3)	Width bladed (B)	Thickness bladed (S)	Angle (A)	Gauges	Color	Weight
	1.8 mm FG 2.0 2.0 mm FG 2.3 2.34 mm FG 2.6	Range [mm]	 Double butted  Triple butted  Bladed	9-10 mm 6.0 mm 6.2 mm 7.8 mm 1.8 mm 2.0 mm 2.34 mm 1.5 mm 1.6 mm 1.7 mm 1.8 mm 2.0 mm 1.8 mm 2.0 mm 2.34 mm 2.3 mm 3.3 mm 0.9 mm 1.1 mm 1.2 mm							90-95° 13 14 15 15 16 15 14 15 14 14 17 14 14 13 14 15 13	Silver Black White Red	± 5% for 64 spokes, length 264 mm [g]	
DT champion	●	140-315		●	●	●					●	●		359
DT champion	●	140-315		●	●	●					●	●	●	444
DT champion	●	140-315		●	●	●	●				●	●	●	591
DT competition	●	238-300	●	●	●	●	●				●	●	●	311
DT competition	●	238-300	●	●	●	●	●	●			●	●	●	382
DT super comp	●	247-308	●	●	●	●	●				●	●	●	318
DT revolution	●	247-308	●	●	●	●	●				●	●	●	283
DT alpine	●	260-305	●	●	●	●	●	●			●	●	●	586
DT alpine III	●	260-305	●	●	●	●	●	●			●	●	●	418
DT aerolite	●	238-300	●	●	●	●	●	●	●		●	●	●	278
DT aero speed	●	215-305	●	●	●	●	●	●	●	●	●	●	●	355
DT new aero	●	215-305	●	●	●	●	●	●	●	●	●	●	●	437
DT aero comp	●	238-300	●	●	●	●	●	●	●	●	●	●	●	380

● = Serie ○ = Option

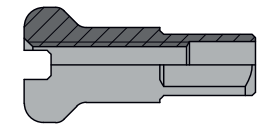


NIPPLES

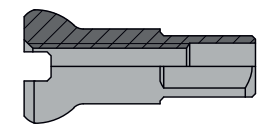


TECH SPECS NIPPLES

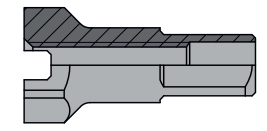
Model	Thread (DIN 79012)			Length				Thread coating		Color							Weight ± 5% for 64 nipples [g]	
	1.8 mm FG 2.0	2.0 mm FG 2.3	2.34 mm FG 2.6	12 mm	14 mm	16 mm	14.5 mm	Without DT Swiss Pro lock®	DT Swiss Pro lock®	Silver	Black	Gold	Green	Blue	Turquoise	Violet		Red
DT standard brass	●			●				●		●	●							64
	●				●			●		●	●							73
	●					●		●		●	●							84
		●			●	●			●	●	●							62
			●			●	●		●	●	●							71
				●			●	●	●	●	●							82
DT Pro Lock® standard brass			●					●		●	●							56
			●					●		●	●							112
	●			●				●		●	●							64
	●				●			●		●	●							73
	●					●			●		●	●						84
		●			●	●			●	●	●							62
DT standard aluminium		●						●		●	●							71
		●						●		●	●							82
			●					●		●	●							21
			●					●		●	●							24
			●					●		●	●							27
			●					●		●	●							20
DT Pro Lock® standard aluminium			●					●		●	●							23
			●					●		●	●							26
	●			●				●		●	●							21
	●				●			●		●	●							24
	●					●		●		●	●							27
		●						●		●	●							20
DT pro head brass		●						●		●	●							23
		●						●		●	●							26
			●					●		●	●							61
			●					●		●	●							70
			●					●		●	●							59
				●				●		●	●							68
DT hexagonal brass			●					●		●	●						74	
DT Pro Lock® hexagonal aluminium			●					●		●	●						●	62
DT hidden aluminium			●					●	●	●	●							27
			●					●	●	●	●							22



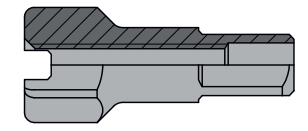
DT standard aluminium
DT standard brass



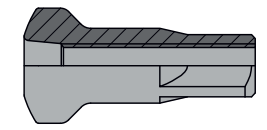
DT pro head brass



DT hexagonal brass



DT hexagonal aluminium



DT hidden aluminium

● = Serie ○ = Option



RWS road with alu lever



RWS mtb with alu lever



RWS mtb with synthetic embossed lever







RWS for X 12 with alu lever



RWS for X 12 with synthetic embossed lever

TECH SPECS RWS

Model	Length	Diameter	Weight	Hub axle system				Axle material		Lever material	
				Quick release 5mm	9 mm DT Swiss Thru bolt	10 mm DT Swiss Thru bolt	X-12	AL6V4 grade 5 titanium	High-strength steel	7075 Aluminium	Alloy
ROAD	Built-in dimension [mm]	∅	+/- 5 %								
RWS Road titan	100	5 mm	45 g	●				●		●	
	130	5 mm	46 g	●				●		●	
	135	5 mm	47 g	●				●		●	
RWS Road steel	100	5 mm	50 g	●					●	●	
	130	5 mm	54 g	●					●	●	

MTB

RWS MTB titan	100	5 mm	44 g	●				●		●	
	100	5 mm	40 g	●				●			●
	135	5 mm	47 g	●				●		●	
	135	5 mm	43 g	●				●			●
RWS MTB steel	100	5 mm	50 g	●					●	●	
	100	5 mm	46 g	●					●		●
	135	5 mm	54 g	●					●	●	
	135	5 mm	50 g	●					●		●
	145	5 mm	51 g	●					●		●
RWS Thru bolt	135	10 mm	70 g			●			●	●	
	135	10 mm	66 g			●			●		●
RWS X-12	142	12 mm	65 g				●		●	●	
	142	12 mm	61 g				●		●	●	●

● = Serie ○ = Option

CONVERSION KITS









MTB X-12 Kit

TECH SPECS AXLE SYSTEM CONVERSION KITS

Conversion kits contain

Convertible hubs

Convertible wheels

	Kit Art. No.	Endcap	Axle	RWS	240s front center lock fifteen	240s rear center lock	240s front disc brake IS oversize	240s front disc brake IS	240s rear disc brake IS	350 rear center lock	350 rear disc brake IS	440 front freeride	440 rear freeride	XM 1550 Tricon front	XM 1550 Tricon rear	M 1700 Tricon rear	FX 1950 Tricon front	FX 1950 Tricon rear (except 150mm)	XRC 1350 front	XRC 1350 rear	XR 1450 front	XR 1450 rear	X 1600 rear	XM 1650 front	XM 1650 rear	M 1800 tubeless rear	EXC 1550 front	EXC 1550 rear	EX 1750 front	EX 1750 rear (except 150mm)	E 2000 rear						
Convert into 5 mm quick release 																																					
240s fifteen / Tricon QR front	HWGXXX0002328S	●	●	●	○									○					○		○				○												
240s oversize QR front	HWYXXX00S2479S	●					○										○											○		○							
440 freeride QR front	HWGXXX00S2601S	●									○																										
240s 135 mm QR rear	HWGXXX0001528S	●				○			○	○	○				○	○		○		○		○	○		○	○	○	○	○	○	○	○	○				
Convert into 9 mm thru bolt 																																					
240s disc brake TB front	HWGXXX0001919S	●						○																													
240s fifteen / Tricon TB front	HWGXXX0002326S	●			○									○					○		○				○												
240s oversize TB front	HWGXXX0002487S	●					○																					○		○							
440 freeride TB front	HWGXXX00S2602S	●									○																										
Convert into 10 mm thru bolt 																																					
240s 135 mm TB rear	HWGXXX0001803S	●				○			○	○	○				○	○		○		○		○	○		○	○	○	○	○	○	○	○	○	○			
Convert into 12 mm thru axle 																																					
135 mm / 12 mm TA rear	HWYXXX0001287S	●	●			○			○	○	○				○	○		○		○		○	○		○	○	○	○	○	○	○	○	○	○	○		
142 mm / 12 mm TA rear	HWGXXX0002193C	●				○			○	○	○				○	○		○		○		○	○		○	○	○	○	○	○	○	○	○	○	○	○	
142 mm / 12 mm X-12 rear	HWYXXX0002877C	●	●	●		○			○	○	○				○	○		○		○		○	○		○	○	○	○	○	○	○	○	○	○	○	○	
Convert into 15 mm thru axle 																																					
240s fifteen / Tricon TA front	HWGXXX0002149S	●			○									○					○		○				○												
240s oversize TA front	HWYXXX00S2477S	●					○										○											○		○							
440 freeride TA front	HWYXXX00S2599S	●									○																										
Convert into 20 mm thru axle 																																					
240s oversize TA front	HWYXXX00S2480S	●				○												○											○		○						
440 freeride TA front	HWGXXX00S2600S	●									○																										

● = Serie ○ = Option

TECH SPECS ROTOR KITS / RIM TAPES

Convert into Shimano®	Art. No.
Shimano rotor with ceramic bearings	HWYCBX00S1239S
Shimano rotor with standard bearings	HWYABX00S1239S
Convert into Campagnolo®	Art. No.
Campagnolo rotor with ceramic bearings	HWYCBX00S1296S
Campagnolo rotor with standard bearings	HWYABX00S1296S

E For compatibility see tech specs wheels / rims.

F Concernant la compatibilité voyez les spécifications techniques des roues / jantes.

I Per la compatibilità vedere i dati tecnici delle ruote / dei cerchi.

D Kompatibilität siehe tech specs der Laufräder resp. der Felgen.



Shimano rotor with ceramic bearings



Shimano rotor with standard bearings



Campagnolo rotor with ceramic bearings



Campagnolo rotor with standard bearings

Rim tapes	Art. No.
Rim tape 18 x 559	TRSXXXXR18559S
Rim tape 22 x 559	TRSXXXXR22559S
Rim tape 25 x 559	TRSXXXXR25559S
Rim tape 22 x 622	TRSXXXXR22622S
Rim tape 18 x 622	TRSXXXXR18622S

E For compatibility see tech specs wheels / rims.

F Concernant la compatibilité voyez les spécifications techniques des roues / jantes.

I Per la compatibilità vedere i dati tecnici delle ruote / dei cerchi.

D Kompatibilität siehe tech specs der Laufräder resp. der Felgen.



Rim tape 18 x 622



Rim tape 22 x 559



Rim tape 25 x 559

TECH SPECS TUBELESS KITS

		<i>Wheels</i>										<i>Rims</i>									
Tubeless kits MTB	Art. No.	XR 1450	X1600	X 1800	X 1900	XM 1650	M 1900	EX 1750	E 2000	XR 400	XR 400 29	XR 425	X 430	X 470 29	XM 450	XM 490 29	M 480	M 520 29	EX 500	E 530	
XR/X Tubeless kit	TVXXXXXNKIT41S	●	●	●	●					●		●	●								
XM/M Tubeless kit	TVXXX26NKITXMS					●	●								●		●				
EX/E Tubeless kit	TVXXXXXNKIT51S							●	●										●	●	
XR/X 29" Tubeless kit	TVXXX29NKITXRS									●			●								
XM/M 29" Tubeless kit	TVXXX29NKITXMS														●		●				

● = Serie ○ = Option





DT truing stand



DT tensio (digital)



DT tensio (analog)

DT truing stand



The DT Swiss truing stand is the ultimate stand used by professionals. It is made of precision machined, polished and anodized aluminium with hardened steelguides and mounts.

- High-end quality and easy handling
- Quicker wheel building
- Compatible with all current bicycle wheels (12" - 29") with quick release or thru axle
- Three precision multilink arms providing a wide range of contact points
- Playfree precision gauges to measure lateral and vertical dish
- Extremely stiff and solid clamping
- Wheel can be trued with tires
- Can be installed on a table or clamped into a vice
- Upgrades: Analog gauges including measuring insert with ball, special measuring inserts with rounded washers or ball bearing steel roll, truing adapters for all axle configurations

Le centreur de roue DT Swiss est l'arme ultime des monteurs professionnels. Usiné en aluminium poli et anodisé et doté des pattes de fixation en acier.

- Qualité de fabrication extraordinaire, utilisation facile
- Gain de temps lors du montage de roue
- Compatible avec toutes les roues vélo (12" - 29")
- Trois bras articulés multiposition
- Capteurs de précision pour le saut et le voile
- Fixation de la roue optimale
- Le pneu ne doit pas être démonté pour le dévoilage
- Peut être serré dans un étiau ou vissé sur un banc
- Options: Indicateurs analogues de saut et de voile, adaptateurs pour tout type d'axe

Il centraruote DT Swiss è il meglio che può essere utilizzato dai professionisti. È realizzato in alluminio lucidato ed anodizzato, lavorato a macchina di precisione con guide ed attacchi in acciaio temprato.

- Massima qualità e facilità di utilizzo
- Montaggio ruota più rapido
- Compatibile con tutte le ruote per bici disponibili in commercio (12" - 29") provviste di sgancio rapido o perno passante
- Tre braccia di precisione che offrono numerosi punti di contatto
- Indicatori di precisione per misurare il cerchio lateralmente e verticalmente
- Serraggio estremamente rigido e solido
- La ruota può essere centrata con i pneumatici
- Può essere installata su un tavolo oppure serrata in una morsa
- Upgrades: indicatori analogici comprensivi di inserto di misurazione a sfera, gli inserti di misurazione speciali con rondelle arrotondate oppure rullo in acciaio su cuscinetto a sfera, adattatori di centraggio per tutte le misure di perno

Der DT truing stand ist der ultimative Zentrierständer! Das Profigerät besteht aus geschliffenem, anodisiertem Aluminium mit oberflächengehärteten Stahlführungen und Aufnahmen.

- Höchste Qualität, einfachste Bedienung
- Spart Zeit beim Laufradbau
- Kompatibel mit allen gängigen Fahrradlaufrädern (12" - 29") mit Schnellspann- oder Steckachse
- Dank drei präzisen Multilink-Armen sind die Messpunkte frei wählbar
- Genaue, spielfreie Taster für Höhen- und Seitenschlag
- Höchste Steifigkeit und feste Klemmung
- Laufrad kann auch mit Bereifung zentriert werden
- Zum verschrauben, aufstellen oder im Schraubstock einclippen
- Optionen: Analoge Messuhren inklusive Messeinsatz mit Kugel, spezielle Messeinsätze mit gerundetem Teller oder kugelgelagerter Stahlrolle, Zentrieradapter für alle Achsvarianten

DT tensio (analog)



The analog tensiometer is a high-precision tool to measure spoke tensions. Developed by DT Swiss and 100% Swiss made, it is used to precisely measure the spoke tension step by step during the wheel building process. The DT Swiss tensiometer is a necessity for any professional wheel builder. Can be used with all spoke types including flat spokes. Includes case.

Le tensiomètre analogique est un instrument de précision pour mesurer la tension de rayon. Cet outil développé par DT Swiss et fabriqué à 100% en Suisse, vous permet de contrôler la tension des rayons pendant le montage de la roue. Indispensable à tous les monteurs professionnels et compatible avec tous types de rayons (rayons plats inclus). Il est livré dans une boîte protectrice.

Il tensiometro analogico è un utensile di alta precisione per misurare la tensionatura del raggio. Sviluppato da DT Swiss e realizzato al 100% in Svizzera, è utilizzato per misurare accuratamente la tensionatura del raggio passo a passo durante il processo di montaggio della ruota. Il tensiometro DT Swiss è indispensabile per qualunque costruttore professionista di ruote. Può essere utilizzato con tutti i tipi di raggi, inclusi i raggi piatti. Involucro in dotazione.

Der analoge Tensiometer DT tensio ist ein Präzisions-Instrument zum Messen der Speichenspannungen im Laufrad. Diese DT Swiss Entwicklung, 100% Swiss made, ist für das schrittweise Vorspannen der Speichen während des Laufradbbaus sowie der Kontrolle der Speichenspannung bestimmt. Für jeden professionellen Laufradbauer unerlässlich, ist es mit allen Speichentypen kompatibel, einschliesslich Flachspeichen. Der Tensiometer wird im praktischen Handkoffer geliefert.

DT tensio (digital)



The digital tensiometer is equipped with a digital gauge, allowing fast and easy reading of measurements. Using its Opto-RS232 data output device, the measured values can be transmitted directly to a PC or printer via connecting cable. Suitable for all spoke types, including flat spokes. Includes case. 100% Swiss made.

Le tensiomètre digital vous permet de voir facilement et rapidement les valeurs de tension, grâce à son compteur Opto-RS232. Les informations peuvent être transmises directement sur un ordinateur ou imprimées à l'aide d'un câble de connexion. Il est compatible avec tous types de rayons (rayons plats inclus) et 100% Swiss made. Il est livré dans une boîte protectrice.

Il tensiometro digitale è dotato di un indicatore digitale che consente di leggere le misurazioni velocemente ed agevolmente. L'utilizzo del dispositivo di uscita dati Opto-RS232 consente di trasmettere i valori misurati direttamente a un PC oppure a una stampante tramite un cavo di connessione. Adatto per tutti i tipi di raggi, inclusi i raggi piatti. Involucro in dotazione. Realizzato al 100% in Svizzera.

Die digitale Messuhr erlaubt ein schnelles und präzises Ablesen der Werte. Über den Opto-RS232 Datenausgang lassen sich die Messwerte via Verbindungskabel auf einen PC oder Drucker übertragen. Anwendbar für alle Speichentypen, einschliesslich Flachspeichen. Lieferung inklusive Koffer. 100% Swiss made.

Shock pump



- Fits all DT Swiss suspension forks and shocks 20bar/300PSI max. pressure
- Minimal packing size thanks to removable gauge and foldable hose
- Anti air-loss coupler for precise set-ups (no air loss when removing pump from valve)
- Suitable for right- and left-handed people
- Air bleeder for fine tuning
- Rubber padded gauge housing

- Pression maximale de 20 bar/300 PSI, suffisante pour les fourches et les amortisseurs DT Swiss.
- Indicateur de pression amovible pour un transport simplifié
- Pas de perte d'air lors du montage et démontage sur la valve d'air
- S'adapte aux droitiers et gauchers en tournant le manomètre
- Ajustage de la pression facile grâce à la valve de réglage
- Manomètre protégé pendant le transport

- Si monta su tutte le forcelle e gli ammortizzatori DT Swiss, pressione max. 20bar/300PSI
- Dimensioni di imballo minime grazie all'indicatore amovibile e al tubo ripiegabile
- Attacco con valvola anti perdita per impostazioni precise (nessuna perdita d'aria durante l'asportazione della pompa dalla valvola)
- Adatto per destrimani e mancini
- Valvola di scarico dell'aria per regolazioni più precise
- Involucro indicatore imbottito di gomma

- Pumpe für alle DT Swiss Suspension Produkte, 20bar / 300PSI Maximaldruck
- Platzsparend dank abnehmbarer Druckanzeige
- Anti Air-Loss Kupplung gegen Luftverlust beim Entfernen der Pumpe
- Geeignet für Links- und Rechtshänder dank drehbarer Anzeige
- Luftablassknopf zur Feineinstellung
- Griffiger Gummischutz für die Druckanzeige

 <p>Nipple driver</p>	<p>Makes screwing the nipple onto the spoke quicker and easier.</p>	<p>Permet un vissage de l'écrou facile et rapide.</p>	<p>Velocizza e facilita l'avvitatura del nipple sul raggio.</p>	<p>Erleichtert und beschleunigt das Aufschrauben der Nippel auf die Speichen.</p>
 <p>Nipple guide</p>	<p>Facilitates the insertion of nipples into deep section rims.</p>	<p>Facilite l'insertion de l'écrou dans les jantes à profil haut ou celles sans double oeillets.</p>	<p>Facilita l'inserimento del nipple nei cerchi a profilo alto.</p>	<p>Erleichtert das Positionieren und Fixieren der Nippel in Hochprofil-Felgen.</p>
 <p>Spoke head punch</p>	<p>Punch with concave head, fitting DT Swiss spoke heads. Improves seating of the spoke head in the hub flange.</p>	<p>Enfonceur avec pointe concave, fonctionne avec toutes les têtes de rayon DT Swiss. Optimise la position de la tête dans le flasque.</p>	<p>Punzone a testa concava, adatto per le teste dei raggi DT Swiss. Migliora l'alloggiamento della testa del raggio nella flangia del mozzo.</p>	<p>Durchschlag mit konkaver Spitze, passend auf DT Swiss Speichenköpfe. Verbessert den Sitz des Speichenkopfes im Nabenflansch.</p>
 <p>Spoke ruler</p>	<p>For measuring spoke lengths and diameters.</p>	<p>Pour mesurer la longueur et le diamètre des rayons.</p>	<p>Per misurare le lunghezze e i diametri dei raggi.</p>	<p>Zum Messen von Speichenlängen und Speichendurchmessern.</p>
 <p>Spokey</p>	<p>Professional tool for a precise fit onto the nipple.</p>	<p>Outil professionnel garantissant une prise précise de l'écrou.</p>	<p>Utensile professionale per una presa precisa dei nipples.</p>	<p>Professionelles Werkzeug für ein passgenaues Umfassen des Nippelvierkantens.</p>
 <p>DT Swiss spoke freeze</p>	<p>Threadlock solution to prevent loosening of the spoke-nipple connection.</p>	<p>Conçu pour éliminer le risque de desserrage de l'écrou et du rayon.</p>	<p>Soluzione threadlock per prevenire l'allentamento del collegamento raggio-nipple.</p>	<p>Speziell entwickelte Schraubensicherung für den Laufradbau. Verhindert ein Lösen der Speichen-Nippel Verbindung.</p>
 <p>Solder tin</p>	<p>Solder tin with bonding capacity on 18/10 stainless steel. The soldered joint stays permanently shiny. Lead-free! Spool of 15.8m.</p>	<p>Etain de soudure. Compatible avec l'acier inoxydable 18/10. La soudure reste parfaitement brillante. Bobine de 15.8m. Sans plomb!</p>	<p>Stagno per saldatura con capacità legante sull'acciaio inox 18/10. Il giunto saldato resta lucido permanentemente. Senza piombo! Bobina da 15,8m.</p>	<p>Lötzinn mit Bindefähigkeit auf rostfreiem Stahl 18/10. Die Lötstelle bleibt dauerhaft glänzend. Bleifrei! Spule à 15.8m</p>
 <p>Spoke head washers</p>	<p>Brass washers for the use between spoke head and hub flange. Necessary if there's play between the spoke and spokehole. Available in 2.2 and 2.5 mm diameters.</p>	<p>Permettent de stabiliser la tête du rayon dans le flasque. Nécessaires lorsque il y a du jeu entre rayon et trou de flasque. Existe en 2.2 mm et 2.5 mm.</p>	<p>Rondelle in ottone da utilizzarsi tra la testa del raggio e la flangia del mozzo. Necessarie in presenza di gioco tra il raggio e il foro del raggio. Disponibili nei diametri da 2,2 e 2,5 mm.</p>	<p>Unterlagsscheiben aus Messing. Diese werden benötigt wenn zwischen Speiche und Speichenloch Spiel besteht. Erhältlich in den Durchmessern 2.2 und 2.5 mm.</p>
 <p>Tying wire</p>	<p>Special wire for tying and soldering spoke crossings. The tin-plated wire surface also acts as a temperature indicator when soldering. Available in spools of 100 m.</p>	<p>Fil pour ligaturer les croisements des rayons. Disponible en bobine de 100 m.</p>	<p>Filo speciale per legare e saldare gli incroci dei raggi. La superficie del filo, stagnata, funge da indicatore della temperatura durante la saldatura. Disponibile nelle bobine da 100 m.</p>	<p>Spezialdraht für das Binden von Speichenkreuzungen. Die verzinnete Drahtoberfläche dient als Temperaturindikator beim Lötten. Spule à 100 m.</p>

 <p>Apron</p>	<p>For wheelbuilding or general wrenching. Made of 100% cotton, total length 95 cm, with straps for neck and waist and two handy front pockets. Embroidered DT Swiss logo. Oil proof.</p>	<p>Le montage professionnel des roues peut devenir une affaire huileuse. Ce tablier est en 100% cotton, longueur totale 95 cm, serrage par la nuque et par la taille, avec deux poches frontales, logo DT Swiss brodé. Etanche à l'huile.</p>	<p>Per i costruttori di ruote oppure per l'officina in generale. Realizzato in cotone al 100%, lungo 95 cm in tutto, con lacci per il collo e la vita e due comode tasche anteriori. Il logo DT Swiss è ricamato. Impermeabile all'olio.</p>	<p>Für den Laufradbau oder den Werkstattgebrauch. 100% Baumwolle, Gesamtlänge ca. 95 cm, Nacken- und Beckenlaschen zum Binden und zwei praktische Fronttaschen. Gesticktes DT Swiss Logo. Ölabweisend.</p>
 <p>Spoke length chart</p>	<p>Allows for precise spoke length calculation. Works when using rims with an ERD from 390 to 630 mm, low- and high-flanged hubs (24 to 48 holes), radial to 4-cross lacing patterns. Precision ± 0.5 mm, Size 70 x 52 cm. Also check out our free program «spokes calc» on www.dtswiss.com – an easy and fast way to calculate your spoke lengths.</p>	<p>Pour un calcul de longueur de rayon précis, utilisant des jantes au diamètre de 390 à 630 mm, des moyeux à flasque haut ou compact de 24 à 48 trous. Précision ± 0.5 mm. Dimensions 70 x 52 cm. Consultez le site www.dtswiss.com, rubrique «spokes calc», pour un calcul facile et rapide de la longueur de rayon.</p>	<p>Consente di calcolare con precisione la lunghezza del raggio. Funziona quando si utilizzano i cerchi con un ERD compreso tra 390 e 630 mm, mozzii a flangia bassa e alta (da 24 a 48 fori), schemi di incrocio da radiale ad incrocio quadruplo. Precisione ± 0.5 mm, Dimensione 70 x 52 cm. Verificare anche il nostro programma gratuito «spokes calc» sul sito www.dtswiss.com – un modo facile e rapido per calcolare le lunghezze dei raggi.</p>	<p>Zur exakten Berechnung von Speichenlängen bei Verwendung von Felgen mit einem ERD von 390 bis 630 mm, Nieder- und Hochflanschnaben (24 bis 48 Loch) und den Kreuzungsarten radial bis 4fach. Genauigkeit ± 0.5 mm. Format 70x52 cm. Benutzen Sie auch unser Gratisprogramm «spokes calc» auf www.dtswiss.com. Hier lassen sich Speichenlängen einfach und rasch ermitteln.</p>
 <p>Service tool case</p>	<p>Several service and maintenance tool kits are available for DT Swiss products. For more information check out www.dtswiss.com.</p>	<p>Plusieurs kits de maintenance DT Swiss sont disponibles. Consultez le site www.dtswiss.com pour une liste complète.</p>	<p>Sono numerosi gli attrezzi per la manutenzione e l'assistenza disponibili per i prodotti DT Swiss. Per maggiori informazioni consultare il sito www.dtswiss.com.</p>	<p>DT Swiss bietet verschiedene Reparaturkoffer, Service- und Wartungskits an. Weitere Angaben finden Sie unter www.dtswiss.com.</p>
 <p>DVD</p>	<p>Mastering the Wheel: Gerd Schraner (DT Swiss) and Alex Roussel (UCI) show all the secrets of wheelbuilding, be it MTB, road, track or BMX wheels. Comprehensive for beginners and professionals. PC and Mac compatible, NTSC and PAL versions available, run time 120 min. Languages: English, French, German, Spanish and Portuguese.</p>	<p>Maîtriser la Roue: A l'atelier avec Gerd Schraner (DT Swiss) et Alex Roussel (UCI). Un cours pratique pour apprendre tout sur la roue (route, VTT, BMX). A la portée des monteurs professionnels et des amateurs. Compatible PC et Mac, disponible en version PAL ou NTSC, durée 120 min. Langues: Allemand, Anglais, Français, Portuguais, Espagnol.</p>	<p>Mastering the Wheel: Gerd Schraner (DT Swiss) e Alex Roussel (UCI) illustrano tutti i segreti riguardanti la realizzazione di una ruota, sia che si tratti di ruote MTB, su strada, su pista oppure BMX. Adatto per i principianti e i professionisti. Compatibile con PC e Mac, disponibile nella versione NTSC e PAL, durata 120 min. Lingue: inglese, francese, tedesco, spagnolo e portoghese.</p>	<p>Mastering the Wheel: Gerd Schraner (DT Swiss) und Alex Roussel (UCI) erklären den Laufradbau in all seinen Facetten. Anleitung zum Bau von Laufrädern für Strasse, MTB, Bahn und BMX. Umfassend und verständlich für Anfänger und Profis. PC und Mac kompatibel, PAL oder NTSC Versionen verfügbar, Laufzeit 120 min. Sprachen: Deutsch, Englisch, Französisch, Spanisch und Portugiesisch.</p>
 <p>Book</p>	<p>In his book, Gerd Schraner reveals all his tricks and secrets about high-quality, hand-built wheels. Clearly written for beginners and professionals, this book is a precise guide for wheelbuilding, be it mountain, touring or road wheels.</p>	<p>Dans son livre Gerd Schraner nous révèle tous ses secrets du montage de roue. A la portée des monteurs professionnels et des amateurs. Un guide précis expliquant le montage de tout type de roue (route, VTT, BMX, touring).</p>	<p>Nel suo libro, Gerd Schraner rivela tutti i trucchi e i segreti sulle ruote di alta qualità realizzate a mano. Scritto in modo chiaro per principianti e professionisti, questo libro è una guida precisa per la realizzazione delle ruote, siano esse per il ciclismo mountain, touring oppure su strada.</p>	<p>Gerd Schraner zeigt in seinem Buch sämtliche Tricks und Kniffe, die für handgebaute, hochwertige Laufräder entscheidend sind. Das für Anfänger sowie für Profisgedachte Buch ist eine exakte Anleitung zum Bau von Laufrädern für Mountainbikes, Touren- und Rennräder.</p>
 <p>DT aerolite/new aero spoke holder</p>	<p>This spoke holder effectively eliminates spoke twist when truing or building wheels with bladed spokes (e.g. DT aerolite). Thanks to its design the spoke can be held close to the nipple, which eliminates twisting. Compatible with all DT Swiss nipple wrenches.</p>	<p>Empêche la torsion des rayons plats lors de la mise en tension ou du dévoilage. La forme spécifique permet le maintien du rayon très proche de l'écrou pour faciliter le travail. Compatible avec tous les clés de rayon DT Swiss.</p>	<p>Questo porta-raggio elimina efficacemente la torsione del raggio durante la centratura o realizzazione della ruota con raggi bladed (per es. DT aerolite). Grazie alla sua progettazione, il raggio può essere tenuto vicino al nipple, con conseguente eliminazione del rischio di torsione. Compatibile con tutte le chiavi nipples DT Swiss.</p>	<p>Dieser Speichenhalter verhindert das Verdrehen von Flachspeichen (z.B. DT aerolite) beim Zentrieren oder Laufradbau. Durch seine Konstruktion kann die Speiche so nah wie möglich beim Nippel gehalten, und somit das Verdrehen verhindert werden. Kompatibel mit allen DT Swiss Zentrierwerkzeugen.</p>
 <p>DT hexagonal nipple wrench DT hidden nipple wrench</p>	<p>A stainless steel nipple wrench available for DT Pro Lock hexagonal or hidden nipples. – Less hand force needed – Facilitates work with bladed spokes – Developed by DT Swiss – Stainless steel</p>	<p>Clé hexagonale en acier inoxydable disponible pour les écrous hexagonaux ou internes. – Force nécessaire à la tension des rayons réduit – Facilite le travail avec les rayons plats – Développé par DT Swiss – Acier inoxydable</p>	<p>Una chiave in acciaio inox per nipples DT Pro Lock esagonali o interni. – Richiede meno forza manuale – Facilita il lavoro con i raggi bladed – Sviluppato da DT Swiss – Acciaio inox</p>	<p>Der passende Nippelspanner für DT Pro Lock hexagonal und innenliegende Nippel. – Kleinere Handkräfte beim Vorspannen der Speichen – Erleichtert die Arbeit mit Flachspeichen – Entwickelt von DT Swiss – Rostfreier Stahl</p>

<p>DT Swiss tubelesskit</p> 	<p>The DT Swiss tubeless kit converts your DT Swiss rim into a tubeless system! The specially developed rim tape makes the rim airtight while the tire sealant seals the tire from the inside and automatically fixes small punctures. The set consists of tire sealant, adhesive tape, rim tape and valve. Attention: Only for UST tubeless tires!</p> <p>For compatibility see tech specs wheels and rims Page 98/99, 108.</p>	<p>Transformez vos roues DT Swiss en roues tubeless avec le DT Swiss tubeless kit. Le kit comprend: Un fond de jante étanche (flap), un kit valve spécifique, un liquide anticrevaillon préventif et une bande adhésive. Le flap rend la jante étanche à l'air et le liquide préventif repare les petites crevaisons. Seulement pour les pneus tubeless UST!</p> <p>Pour les produits compatibles voir tech specs roues et jantes Page 98/99, 108.</p>	<p>Il kit tubeless DT Swiss converte il cerchio DT Swiss in un sistema tubeless! Il flap, sviluppato specificamente, rende il cerchio a tenuta d'aria mentre il liquido di tenuta sigilla il pneumatico dall'interno, riparando automaticamente piccole forature. Il set è costituito dal liquido di tenuta per pneumatico, nastro adesivo, flap e valvola. Attenzione: Solo per i pneumatici tubeless UST!</p> <p>Per la compatibilità dei prodotti consultare i tech specs ruotes e cerchi pagina 98/99, 108.</p>	<p>Mit dem DT Swiss Tubelesskit verwandeln Sie Ihre DT Swiss Felge in ein Tubeless-System! Die Felge wird mittels Spezial-Klebeband gegen Luftverlust abgedichtet, eine Gummilösung dichtet den Reifen und wirkt im Falle kleinerer Einstiche selbstreparierend. Das Set besteht aus spezial Klebeband, Felgenband, Gummilösung und Ventil. Achtung: Nur für UST Tubeless-Reifen!</p> <p>Produktekompatibilität siehe Tech Specs Wheels und Rims Seite 98/99, 108.</p>
<p>Rim tape</p> 	<p>Rim tapes for DT Swiss rims and wheels.</p>	<p>Fond de jante pour les roues et les jantes DT Swiss.</p>	<p>Nastri per cerchi e ruote DT Swiss.</p>	<p>Felgenbänder zu DT Swiss Felgen und Laufräder.</p>
<p>Brake pads</p> 	<p>Brake pads for the DT Swiss carbon wheels.</p>	<p>Patins de frein pour les roues DT Swiss carbone.</p>	<p>Pastiglie freno per ruote carbonio DT Swiss.</p>	<p>Bremsbeläge für DT Swiss Carbon Laufräder.</p>
<p>Center lock® cap</p> 	<p>Cover for Shimano Center lock® interfaces.</p>	<p>Protège le Center lock® si la roue est utilisée avec des freins à jante.</p>	<p>Coperchio per l'interface Center lock® Shimano.</p>	<p>Abdeckung für Shimano Center lock® Aufnahmen.</p>
<p>Center lock® – IS (6-bolt) adaptor</p> 	<p>With this adaptor from DT Swiss you can mount any 6 bolt rotor onto any Center lock® hub.</p> <ul style="list-style-type: none"> – Quick and easy installation – Lightweight at only 29.5 g (± 5%) – Available for QR and thru axle hubs 	<p>Grâce à cet adaptateur, vous pouvez monter n'importe quel disque à six trous sur votre moyeu Center lock®.</p> <ul style="list-style-type: none"> – Le montage est très rapide et sûr – Pèse seulement 29.5 g (± 5%) – Disponible pour moyeux QR et axe traversant 	<p>Questo adattatore DT Swiss consente di montare qualsiasi rotore a 6 bulloni su qualsiasi mozzo Center lock®.</p> <ul style="list-style-type: none"> – Installazione rapida e veloce – Leggero: pesa appena 29.5 g (± 5%) – Disponibile per mozzi QR e perno passante 	<p>Dieser Adapter von DT Swiss ermöglicht die Montage von Sechs-Loch Bremsscheiben auf allen Center lock® Naben.</p> <ul style="list-style-type: none"> – Schnelle und einfache Montage – Nur 29.5 g (± 5%) – Erhältlich für QR und Steckachsaben
<p>Lockring</p> 	<ul style="list-style-type: none"> – Shimano® 12 T, aluminium – Campagnolo® 11 T, steel – Campagnolo® 12/13 T, steel 	<ul style="list-style-type: none"> – Shimano®, pignon 12 T, aluminium – Campagnolo® pignon 11 T, acier – Campagnolo® pignon 12/13 T, acier 	<ul style="list-style-type: none"> – Shimano® 12 T, alluminio – Campagnolo® 11 T, acciaio – Campagnolo® 12/13 T, acciaio 	<ul style="list-style-type: none"> – Shimano® 12er Zahnkranz, Aluminium – Campagnolo® 11er Zahnkranz, Stahl – Campagnolo® 12/13er Zahnkranz, Stahl

