

DT SWISS ENGINEERING PERFORMANCE

NEW 1800 LINE
NEW HORIZONS

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A 1800 SPLINE® DB



E 1800 SPLINE® DB



G 1800 SPLINE® DB



G 1800 CLASSIC® DB

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EXECUTIVE **SUMMARY**

DT SWISS

NEW HORIZONS

Whether you have a winding gravel path, a century ride on smooth tarmac, or a week-long bikepacking adventure on your horizon, the 1800s are ready to deliver. Reliability without compromise is one way to describe these aluminum wheels as they have earned a reputation of delivering lasting performance.

All the wheels are adjusted with a wider rim, and the Gravel and Endurance wheels feature angular rim shapes, shedding weight but offering durability when the ride gets bumpy. Backed by DT Swiss's proven hubs they are made for exploration.

The 1800s are ready to take on anything you put in front of them and let you find new horizons.





DT SWISS

NEW 1800 LINE **NEW HORIZONS**

HIGHLIGHTED FEATURES

WIDER RIMS

Wider rims through wider tire compatibility offer more comfort during riding.

ANGULAR RIM SHAPE

An angular rim shape reduces weight and enhances durability of the wheels.

FRONT DYNAMO HUB OPTION

A dynamo hub that smoothly converts the energy of your pedal strokes into electric light.

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PRODUCT
HIGHLIGHTS

DT SWISS

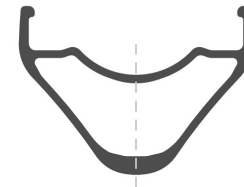
WIDER RIMS

Why wider? A wider internal rim width provides better tire support, allowing you to run lower tire pressures without compromising performance. Lower pressures can reduce rolling resistance, improve grip, and deliver a more comfortable ride, something every rider can appreciate. To take advantage of these benefits, the Aero rims will increase from 20 mm to 22 mm internal width, the Endurance rims from 22 mm to 24 mm, and the Gravel rims from 24 mm to 26 mm.



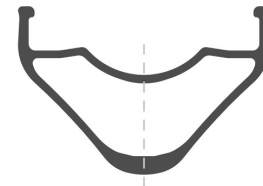
ANGULAR RIM SHAPE

For the Endurance and Gravel wheels, we have adopted an angular rim shape in the new 1800 line to reduce weight while enhancing durability when the terrain becomes more demanding. The optimized rim profile improves structural strength and impact resistance, helping the wheels withstand rough roads, gravel tracks, and provide more comfort on longer tours.



ENDURANCE

The E 1800 SPLINE wheelset goes from 1.764 g down to 1.627 g, with a 24 mm rim inner width and 20 mm rim height.



GRAVEL

The G 1800 SPLINE wheelset goes from 1.835 g down to 1.681 g, with a 26 mm rim inner width and 20 mm rim height.

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FRONT WHEEL DYNAMO HUB

DYNAMO

What makes the dynamo hub special is hidden in the hub shell. From a distance, what looks like a standard hub when fitted to your wheelset is actually hiding a dynamo.

EFFICIENCY

As one of the most efficient technologies on the market, our dynamo hub with the SP PL-7 generator achieve an efficiency of 72 % at 15 km/h, while delivering a 6V3W standard output.

DURABILITY

With a tailor-made hub shell, you can rely on the build quality you have come to expect from DT Swiss hubs, while benefiting from our global network of service centers for a seamless customer journey.

COMPATIBILITY

Our front Dynamo Hub being StVZO compliant with a 6V3W rating, ensures compatibility with standard hub dynamo products including dynamo lamps and converters for USB powered devices.

[Click here to learn more](#)



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PRODUCT
SPECIFICATIONS

DT SWISS

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AERO

DISCOVER NEW LEVELS OF SPEED AND EXPAND YOUR HORIZON

Designed to make your rides speedier, our A 1800 SPLINE 30 comes with an aero-optimized alloy rim and aero spokes to allow you to accelerate into new horizons.



A 1800 SPLINE® DB

FRONT WHEEL	12 / 100 mm
REAR WHEEL	12 / 142 mm
HUB	370 Straightpull with 36T Ratchet LN System
BRAKE INTERFACE	Disc, Center Lock
FREEHUB BODY OPTIONS	Sram XDR, Shimano Road
RIM	Aluminum, sleeved rim joint, hooked bead, tubeless ready
RIM DIMENSION	622 x 22 mm
RIM HEIGHT	30 mm
SPOKES FRONT	DT aero comp® wide straightpull, black
SPOKES REAR	DT aero comp® wide straightpull, black
NIPPLES	DT Pro Lock® hidden aluminum
LACING FRONT	24 x 2-cross
LACING REAR	24 x 2-cross
WEIGHT SET	From: 1.824 g
MAX. SYSTEM WEIGHT	130 kg
ASTM	2
ACCESSORIES INCLUDED	Tubeless tape (mounted), tubeless valve
PRICE	From 399,80 € / 608,80 \$ / 387,80 CHF / 399.98 GBP / 899 AUD per set



DETAIL PAGE (available from July 30, 2026)

www.dtswiss.com/wheels/wheels-road/aero/a-1800-spline

ENDURANCE

EXPLORE NEW ROADS AND EXPAND YOUR HORIZON

Made for those long rides exploring new surroundings, the E 1800 SPLINE 20 won't let you down. Now with a wider, angular rim shape to shed weight and enhance durability, the wheels are ready to go long.



E 1800 SPLINE® DB

FRONT WHEEL	12 / 100 mm
REAR WHEEL	12 / 142 mm
HUB	370 Straightpull with 36T Ratchet LN System
BRAKE INTERFACE	Disc, Center Lock
FREEHUB BODY OPTIONS	Sram XDR, Shimano Road
RIM	Aluminum, sleeved rim joint, hooked bead, tubeless ready
RIM DIMENSION	622 x 24 mm
RIM HEIGHT	20 mm
SPOKES FRONT	DT aero comp® wide straightpull, black
SPOKES REAR	DT aero comp® wide straightpull, black / DT new aero® II straightpull, black
NIPPLES	DT Pro Lock® Squorx ProHead alu
LACING FRONT	24 x 2-cross
LACING REAR	24 x 2-cross
WEIGHT SET	From: 1.627
MAX. SYSTEM WEIGHT ASTM	120 kg 2
ACCESSORIES INCLUDED	Tubeless tape (mounted), tubeless valve
PRICE	From 399,80 € / 608,80 \$ / 387,80 CHF / 399.98 GBP / 899 AUD per set



E 470

RIM DIMENSION	622 x 24 mm
ERD	602 mm
WEIGHT	469 g
MATERIAL	Aluminum
HOLES	24, 28, 32
EYELETS	None
RIM JOINT	Sleeve joint
TIRE INTERFACE	Hooked / Crotchet tubeless TC
BRAKE	Disc brake
RIM HEIGHT	20 mm
MAX. SYSTEM WEIGHT	120 kg
ASTM	2
ACCESSORIES INCLUDED	-
PRICE	From 44,90 € / 78,90 \$ / 43,90 CHF / 46.99 GBP per rim



GRAVEL

FOLLOW NEW PATHS AND EXPAND YOUR HORIZON

Off-road adventures made more comfortable with the G 1800 SPLINE 20 and the G 1800 CLASSIC 20 with their new wider, angular rims. The new rim shape enhances durability and makes them the perfect companion even through rougher paths. The G 1800 SPLINE 20 is the perfect all-rounder for a variety of gravel riding, while the G 1800 CLASSIC 20 makes a robust companion for a long journey setup with its maximum system weight of 150 kg. These versatile wheels allow you to take a leap into new horizons.



G 1800 SPLINE® DB

FRONT WHEEL	12 / 100 mm
REAR WHEEL	12 / 142 mm
HUB	370 Straightpull with 36T Ratchet LN System
DYNAMO HUB OPTION	350 Straightpull Dynamo Shutter Precision PL-7; 6V3W output
BRAKE INTERFACE	Disc, Center Lock
FREEHUB BODY OPTIONS	Sram XDR, Shimano Road, Shimano MICRO SPLINE Road
RIM	Aluminum, sleeved rim joint, hooked bead, tubeless ready
RIM DIMENSION	622 x 26 mm
RIM HEIGHT	20 mm
SPOKES FRONT	DT aero comp® wide straightpull, black
SPOKES REAR	DT aero comp® wide straightpull, black / DT new aero® II straightpull, black
NIPPLES	DT Pro Lock® Squorx ProHead alu
LACING FRONT	24 x 2-cross
LACING REAR	24 x 2-cross
WEIGHT SET	From: 1.681 g
MAX. SYSTEM WEIGHT	130 kg
ASTM	2
ACCESSORIES INCLUDED	Tubeless tape (mounted), tubeless valve Dynamo: wire connector
PRICE	From 399,80 € / 608,80 \$ / 387,80 CHF / 399.98 GBP / 899 AUD per set



DETAIL PAGE (available from July 30, 2026)

www.dtswiss.com/wheels/wheels-road/gravel/g-1800-spline-classic

G 1800 CLASSIC® DB

FRONT WHEEL	12 / 100 mm
REAR WHEEL	12 / 142 mm
HUB	370 CLASSIC with 36T Ratchet LN System
DYNAMO HUB OPTION	350 CLASSIC Dynamo Shutter Precision PL-7; 6V3W output
BRAKE INTERFACE	Disc, Center Lock
FREEHUB BODY OPTIONS	Sram XDR, Shimano Road, Shimano MICRO SPLINE Road
RIM	Aluminum, sleeved rim joint, hooked bead, tubeless ready
RIM DIMENSION	622 x 26 mm
RIM HEIGHT	20 mm
SPOKES FRONT	J-bend spokes, DT competition®, black
SPOKES REAR	J-bend spokes, DT competition®, black
NIPPLES	DT Pro Lock® Squorx ProHead, brass
LACING FRONT	28 x 3-cross
LACING REAR	28 x 3-cross
WEIGHT SET	From: 1.858 g
MAX. SYSTEM WEIGHT	150 kg
ASTM	2
ACCESSORIES INCLUDED	Tubeless tape (mounted), tubeless valve Dynamo: wire connector
PRICE	From 399,80 € / 608,80 \$ / 387,80 CHF / 399.98 GBP / 899 AUD per set



DETAIL PAGE (available from July 30, 2026)

www.dtswiss.com/wheels/wheels-road/gravel/g-1800-spline-classic

G 500

RIM DIMENSION	622 x 26 mm
ERD	602 mm
WEIGHT	496 g
MATERIAL	Aluminum
HOLES	24, 28, 32
EYELETS	None
RIM JOINT	Sleeve joint
TIRE INTERFACE	Hooked / Crotchet tubeless TC
BRAKE	Disc brake
RIM HEIGHT	20 mm
MAX. SYSTEM WEIGHT	130 kg
ASTM	2
ACCESSORIES INCLUDED	-
PRICE	From 44,90 € / 78,90 \$ / 43,90 CHF / 46.99 GBP per rim



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RELATED
TOPICS

RELATED TOPICS



DYNAMO HUB TECHNOLOGY

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TECHNOLOGIES WHEELS & COMPONENTS

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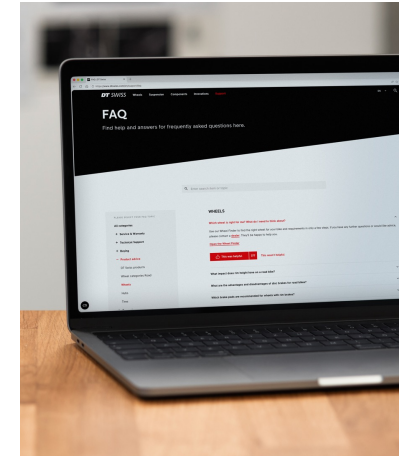
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A close-up, black and white photograph of a mechanical component, likely a part of a machine. A bolt is visible in the upper center. The component has several markings: a large 'G' on the left, a stylized 'A' in the center, and 'E' on the right. The text 'DT SWISS' is prominently displayed in the center, followed by 'ENGINEERING PERFORMANCE' which is flanked by two horizontal lines.

DT SWISS *ENGINEERING PERFORMANCE*

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