MTB · GRAVEL · MARATHON · HUB SET

TORQON ULTRA

XC hubset for threaded carbon spokes, from 198 g. Ceramic hybrid bearings, Boost, Centre Lock, built for cross-country racing.



198 g

HUB SET WEIGHT · FROM

FRONT HUB	REAR HUB
65 g	133 g
FRONT AXLE	**REAR AXLE**
15 × 110 B mm	12 × 148 B mm

HUB

Hub shell material	Aluminium
Freehub system	NonPlus 45CT ratchet system
Freehub body (cassette)	SRAM XD / XDR, Shimano Microspline, Shimano HG, Campagnolo N3W
Hole count	24h
Max. spoke tension	1200 N

INTERFACES

Axle system	Thru-axle
Front axle standard	15 × 110 mm Boost
Rear axle standard	12 × 148 mm Boost
Brake system	Disc brake
Brake mount	Center Lock

WEIGHT

Hub set	198 g
Front hub	65 g
Rear hub	133 g

USE

Intended use	MTB, Gravel, Marathon
Max. system weight	120 kg
E-bike approval	No

TRADE

Item number (base)	NON-NAB-TOR-0100
Variants	3
Country of origin	Germany
HS code	87149300
Warranty	4 years on the hub shell
Packaging (L × W × H)	25 × 15 × 9 cm

01 CONFIGURATION

HUB COLOR	Matte Black
SPOKE INTERFACE	M4 · Double Threaded
HOLE COUNT	24h
FREEHUB	Sram XD(R) · Shimano HG - MTB (not for e-bike) · Shimano Microspline (MS) - MTB
BEARINGS	Enduro Zero - Ceramic Hybrid

Outlined values are fixed; all others can be selected in the configurator.

02 GEOMETRY FOR WHEEL BUILDING

Spoke interface	Position	PCD L / R	Flange to centre L / R	Offset
M4 · Double Threaded	Front	40 / 34	27 / 34.5	3.5
M4 · Double Threaded	Rear	40 / 49	38.5 / 22	3.5

All dimensions in mm. PCD = diameter. Flange to centre = distance from flange centre to hub centre, left = brake side. Calculate in the Spoke Calculator: nonpluscomponents.com/en/speichenrechner

03 ABOUT THE PRODUCT

Cross-country races are decided in seconds. TORQON ULTRA brings the internals of our ULTRA hubs to the mountain bike: ceramic hybrid bearings, a low-friction high-speed seal and a friction-reducing coated freehub body. The M4 × 0.5 thread takes threaded carbon spokes directly in the flange, which saves weight and makes the wheel stiff.

Approved for a system weight of up to 120 kg. The hub inside the XC30 ULTRA.

Inside sits the NonPlus Conical Ratchet System. Its conical teeth spread drive torque over a large contact area, which keeps wear low and engagement clean. NON PLAY sets the bearing preload by itself. NON VACUUM equalises pressure inside the hub and keeps moisture away from the bearings. NON GAP protects the bearings with a micro gap at the end caps instead of dragging seals.

Machined and assembled by hand in Winnenden, Germany. Hub, axle and end caps carry a 4-year warranty.

04 COMPATIBILITY

- MTB with Boost thru-axles: front 15 × 110 mm, rear 12 × 148 mm
- Center Lock brake rotors
- Carbon threaded spokes with M4 × 0.5 thread
- Not approved for e-bikes

05 IN THE BOX

- Front hub and rear hub
- Freehub body in the selected standard
- End caps fitted

06 VARIANTS

3 variants with item number and GTIN:

ITEM NUMBER	GTIN / EAN	FREEHUB
NON-NAB-TOR-0100-001	4072094046468	Shimano Microspline - MTB
NON-NAB-TOR-0100-003	4072094046475	Shimano HG - MTB
NON-NAB-TOR-0100-004	4072094046482	Sram XD

DOCUMENTS

Safety & Quick Start comes with every product and is available as a PDF: installation, torque values, maintenance, warranty.
www.nonpluscomponents.com/support/downloads

MANUFACTURER

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PRODUCT PAGE