GRAVEL · ROAD · CYCLOCROSS · HUB SET

PRIMARO ULTRA

Our lightest road hub: from 178 g per set, with ceramic hybrid bearings and a coated freehub. For racing and low spoke-count custom builds.

178 g

HUB SET WEIGHT · FROM

FRONT HUB	REAR HUB
56 g	122 g
FRONT AXLE	**REAR AXLE**
12/15 × 100 mm	12 × 142 mm





HUB

Hub shell material	Aluminium
Freehub system	NonPlus 45CT ratchet system
Freehub body (cassette)	Shimano HG, Shimano Microspline, SRAM XDR, Campagnolo N3W
Hole count	20h · 24h
Max. spoke tension	1200 N

INTERFACES

Axle system	Thru-axle
Front axle standard	12 × 100 / 15 × 100 mm
Rear axle standard	12 × 142 mm
Brake system	Disc brake
Brake mount	Center Lock

WEIGHT

Hub set	178 g
Front hub	56 g
Rear hub	122 g

USE

Intended use	Gravel, Road, Cyclocross
Max. system weight	120 kg
E-bike approval	No

TRADE

Item number (base)	NON-NAB-PRI-0433
Variants	16
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 · SP · Straight Pull · T · T-Head
HOLE COUNT	20h · 24h
FRONT AXLE STANDARD	12 × 100 mm · 15 × 100 mm
FREEHUB	Sram XD(R) · Shimano HG Road (not for e-bike) · Shimano Microspline (MS) - Road · Campagnolo N3W
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	39 / 33.7	22 / 29.5	3.5
M4 · Double Threaded	Rear	40 / 48	35 / 19	3.5
SP · Straight Pull	Front	40 / 33.4	23 / 29.5	1
SP · Straight Pull	Rear	40 / 53	36 / 20	1

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

ULTRA is the hub where we went over every single part again. A high-speed seal with a low-friction coating, a friction-reducing coated freehub body and a reworked ratchet ring cut drag while coasting. Ceramic hybrid bearings spin more freely and keep doing so under load.

We rethought the spoke interface too: the drive-side flange of the rear hub sits further out and the spoke angle gets flatter. The wheel gets stiffer laterally and lasts longer.

Light does not mean fragile: PRIMARO ULTRA is approved for a system weight of up to 120 kg, on the road, on gravel and in races.

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

- Road and gravel bikes with thru-axles
- Front 12 × 100 mm or 15 × 100 mm (selectable)
- Rear 12 × 142 mm
- Center Lock brake rotors
- 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

16 variants. The full list with item number and GTIN is in the appendix from page 4.

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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Handmade in Winnenden, Germany.

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ITEM NUMBER	GTIN / EAN	SPOKE INTERFACE	HOLE COUNT	FREEHUB
NON-NAB-PRI-0433-001	4072094043467	M4 · Double Threaded	20h	Sram XD
NON-NAB-PRI-0433-002	4072094043474	M4 · Double Threaded	20h	Shimano HG Road
NON-NAB-PRI-0433-003	4072094043481	M4 · Double Threaded	24h	Sram XD
NON-NAB-PRI-0433-004	4072094043498	M4 · Double Threaded	24h	Shimano HG Road
NON-NAB-PRI-0433-005	4072094043504	M4 · Double Threaded	24h	Shimano Microspline - Road
NON-NAB-PRI-0433-006	4072094043511	M4 · Double Threaded	24h	Campagnolo N3W
NON-NAB-PRI-0433-007	4072094043528	SP · Straight Pull	24h	Sram XD
NON-NAB-PRI-0433-008	4072094043535	SP · Straight Pull	24h	Shimano HG Road
NON-NAB-PRI-0433-009	4072094043542	SP · Straight Pull	24h	Shimano Microspline - Road
NON-NAB-PRI-0433-010	4072094043559	SP · Straight Pull	24h	Campagnolo N3W
NON-NAB-PRI-0433-011	4072094043566	T · T-Head	20h	Sram XD
NON-NAB-PRI-0433-012	4072094043573	T · T-Head	20h	Shimano HG Road
NON-NAB-PRI-0433-013	4072094043580	T · T-Head	20h	Shimano Microspline - Road
NON-NAB-PRI-0433-014	4072094043597	T · T-Head	20h	Campagnolo N3W
NON-NAB-PRI-0433-015	4072094043603	M4 · Double Threaded	20h	Shimano Microspline - Road
NON-NAB-PRI-0433-016	4072094043610	M4 · Double Threaded	20h	Campagnolo N3W