GRAVEL · ROAD · CYCLOCROSS · HUB SET

PRIMARO

Centre Lock hubset for road and gravel from 204 g, with three spoke interfaces: SP for straight-pull, M4 for threaded carbon spokes, T for T-head spokes.

204 g

HUB SET WEIGHT · FROM

FRONT HUB	REAR HUB
63 g	141 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
Max. spoke tension rear (24 holes)	1300 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	204 g
Front hub	63 g
Rear hub	141 g

USE

Intended use	Gravel, Road, Cyclocross
Max. system weight	130 kg
E-bike approval	Yes, up to 60 Nm motor torque

TRADE

Item number (base)	NON-NAB-PRI-0436
Variants	84
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 · Matte Grey · Glossy Silver · Purple Punch
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	Highspeed · Enduro - Steel · 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 / 33.4	22 / 29.5	4
M4 · Double Threaded	Rear	40 / 53	35 / 19	4
SP · Straight Pull	Front	40 / 33.4	23 / 29.5	1
SP · Straight Pull	Rear	40 / 53	36 / 20	1
T · T-Head	Front	40 / 33.4	22 / 29.5	1
T · T-Head	Rear	40 / 48	35 / 19	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

PRIMARO is the hub our road wheels started with. In its second generation, the drive-side flange of the rear hub sits further out. The spoke angle gets flatter, and the wheel becomes stiffer laterally and calmer under load.

The M4 version takes threaded carbon spokes directly in the flange, with no nipple at the hub. It is one of the lightest ways to join hub and spoke, and the basis for low spoke-count builds.

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
- E-bikes up to 60 Nm motor torque, not with Shimano HG freehub

05 IN THE BOX

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

06 VARIANTS

84 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.

PRODUCT PAGE

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ITEM NUMBER	GTIN / EAN	HUB COLOR	SPOKE INTERFACE	HOLE COUNT	FREEHUB	BEARINGS
NON-NAB-PRI-0069-001	4072094040732	Matte Black	M4 · Double Threaded	24h	Campagnolo N3W	Highspeed
NON-NAB-PRI-0069-002	4072094040749	Matte Black	M4 · Double Threaded	24h	Shimano Microspline - Road	Highspeed
NON-NAB-PRI-0069-003	4072094040756	Matte Black	M4 · Double Threaded	24h	Shimano HG Road	Highspeed
NON-NAB-PRI-0069-004	4072094040763	Matte Black	M4 · Double Threaded	24h	Sram XD	Highspeed
NON-NAB-PRI-0069-005	4072094040770	Matte Black	M4 · Double Threaded	24h	Campagnolo N3W	Enduro - Steel
NON-NAB-PRI-0069-006	4072094040787	Matte Black	M4 · Double Threaded	24h	Shimano Microspline - Road	Enduro - Steel
NON-NAB-PRI-0069-007	4072094040794	Matte Black	M4 · Double Threaded	24h	Shimano HG Road	Enduro - Steel
NON-NAB-PRI-0069-008	4072094040800	Matte Black	M4 · Double Threaded	24h	Sram XD	Enduro - Steel
NON-NAB-PRI-0069-009	4072094040817	Matte Black	M4 · Double Threaded	24h	Campagnolo N3W	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0069-010	4072094040824	Matte Black	M4 · Double Threaded	24h	Shimano Microspline - Road	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0069-011	4072094040831	Matte Black	M4 · Double Threaded	24h	Shimano HG Road	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0069-012	4072094040848	Matte Black	M4 · Double Threaded	24h	Sram XD	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0069-013	4072094040855	Matte Grey	M4 · Double Threaded	24h	Campagnolo N3W	Highspeed
NON-NAB-PRI-0069-014	4072094040862	Matte Grey	M4 · Double Threaded	24h	Shimano Microspline - Road	Highspeed
NON-NAB-PRI-0069-015	4072094040879	Matte Grey	M4 · Double Threaded	24h	Shimano HG Road	Highspeed
NON-NAB-PRI-0069-016	4072094040886	Matte Grey	M4 · Double Threaded	24h	Sram XD	Highspeed
NON-NAB-PRI-0069-017	4072094040893	Matte Grey	M4 · Double Threaded	24h	Campagnolo N3W	Enduro - Steel
NON-NAB-PRI-0069-018	4072094040909	Matte Grey	M4 · Double Threaded	24h	Shimano Microspline - Road	Enduro - Steel
NON-NAB-PRI-0069-019	4072094040916	Matte Grey	M4 · Double Threaded	24h	Shimano HG Road	Enduro - Steel
NON-NAB-PRI-0069-020	4072094040923	Matte Grey	M4 · Double Threaded	24h	Sram XD	Enduro - Steel
NON-NAB-PRI-0069-021	4072094040930	Matte Grey	M4 · Double Threaded	24h	Campagnolo N3W	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0069-022	4072094040947	Matte Grey	M4 · Double Threaded	24h	Shimano Microspline - Road	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0069-023	4072094040954	Matte Grey	M4 · Double Threaded	24h	Shimano HG Road	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0069-024	4072094040961	Matte Grey	M4 · Double Threaded	24h	Sram XD	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0069-025	4072094040978	Glossy Silver	M4 · Double Threaded	24h	Campagnolo N3W	Highspeed
NON-NAB-PRI-0069-026	4072094040985	Glossy Silver	M4 · Double Threaded	24h	Shimano Microspline - Road	Highspeed
NON-NAB-PRI-0069-027	4072094040992	Glossy Silver	M4 · Double Threaded	24h	Shimano HG Road	Highspeed
NON-NAB-PRI-0069-028	4072094041005	Glossy Silver	M4 · Double Threaded	24h	Sram XD	Highspeed
NON-NAB-PRI-0069-029	4072094041012	Glossy Silver	M4 · Double Threaded	24h	Campagnolo N3W	Enduro - Steel
NON-NAB-PRI-0069-030	4072094041029	Glossy Silver	M4 · Double Threaded	24h	Shimano Microspline - Road	Enduro - Steel
NON-NAB-PRI-0069-031	4072094041036	Glossy Silver	M4 · Double Threaded	24h	Shimano HG Road	Enduro - Steel
NON-NAB-PRI-0069-032	4072094041043	Glossy Silver	M4 · Double Threaded	24h	Sram XD	Enduro - Steel
NON-NAB-PRI-0069-033	4072094041050	Glossy Silver	M4 · Double Threaded	24h	Campagnolo N3W	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0069-034	4072094041067	Glossy Silver	M4 · Double Threaded	24h	Shimano Microspline - Road	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0069-035	4072094041074	Glossy Silver	M4 · Double Threaded	24h	Shimano HG Road	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0069-036	4072094041081	Glossy Silver	M4 · Double Threaded	24h	Sram XD	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0075-001	4072094041098	Matte Black	SP · Straight Pull	24h	Campagnolo N3W	Highspeed
NON-NAB-PRI-0075-002	4072094041104	Matte Black	SP · Straight Pull	24h	Shimano Microspline - Road	Highspeed
NON-NAB-PRI-0075-003	4072094041111	Matte Black	SP · Straight Pull	24h	Shimano HG Road	Highspeed
NON-NAB-PRI-0075-004	4072094041128	Matte Black	SP · Straight Pull	24h	Sram XD	Highspeed
NON-NAB-PRI-0075-005	4072094041135	Matte Black	SP · Straight Pull	24h	Campagnolo N3W	Enduro - Steel
NON-NAB-PRI-0075-006	4072094041142	Matte Black	SP · Straight Pull	24h	Shimano Microspline - Road	Enduro - Steel
NON-NAB-PRI-0075-007	4072094041159	Matte Black	SP · Straight Pull	24h	Shimano HG Road	Enduro - Steel
NON-NAB-PRI-0075-008	4072094041166	Matte Black	SP · Straight Pull	24h	Sram XD	Enduro - Steel
NON-NAB-PRI-0075-009	4072094041173	Matte Black	SP · Straight Pull	24h	Campagnolo N3W	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0075-010	4072094041180	Matte Black	SP · Straight Pull	24h	Shimano Microspline - Road	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0075-011	4072094041197	Matte Black	SP · Straight Pull	24h	Shimano HG Road	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0075-012	4072094041203	Matte Black	SP · Straight Pull	24h	Sram XD	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0075-013	4072094041210	Glossy Silver	SP · Straight Pull	24h	Campagnolo N3W	Highspeed
NON-NAB-PRI-0075-014	4072094041227	Glossy Silver	SP · Straight Pull	24h	Shimano Microspline - Road	Highspeed
NON-NAB-PRI-0075-015	4072094041234	Glossy Silver	SP · Straight Pull	24h	Shimano HG Road	Highspeed
NON-NAB-PRI-0075-016	4072094041241	Glossy Silver	SP · Straight Pull	24h	Sram XD	Highspeed
NON-NAB-PRI-0075-017	4072094041258	Glossy Silver	SP · Straight Pull	24h	Campagnolo N3W	Enduro - Steel
NON-NAB-PRI-0075-018	4072094041265	Glossy Silver	SP · Straight Pull	24h	Shimano Microspline - Road	Enduro - Steel
NON-NAB-PRI-0075-019	4072094041272	Glossy Silver	SP · Straight Pull	24h	Shimano HG Road	Enduro - Steel
NON-NAB-PRI-0075-020	4072094041289	Glossy Silver	SP · Straight Pull	24h	Sram XD	Enduro - Steel
NON-NAB-PRI-0075-021	4072094041296	Glossy Silver	SP · Straight Pull	24h	Campagnolo N3W	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0075-022	4072094041302	Glossy Silver	SP · Straight Pull	24h	Shimano Microspline - Road	Enduro Zero - Ceramic Hybrid

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ITEM NUMBER	GTIN / EAN	HUB COLOR	SPOKE INTERFACE	HOLE COUNT	FREEHUB	BEARINGS
NON-NAB-PRI-0075-023	4072094041319	Glossy Silver	SP · Straight Pull	24h	Shimano HG Road	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0075-024	4072094041326	Glossy Silver	SP · Straight Pull	24h	Sram XD	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0075-025	4072094041333	Purple Punch	SP · Straight Pull	24h	Sram XD	Highspeed
NON-NAB-PRI-0075-026	4072094041340	Purple Punch	SP · Straight Pull	24h	Sram XD	Enduro - Steel
NON-NAB-PRI-0075-027	4072094041357	Purple Punch	SP · Straight Pull	24h	Sram XD	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0075-028	4072094041364	Purple Punch	SP · Straight Pull	24h	Shimano HG Road	Highspeed
NON-NAB-PRI-0075-029	4072094041371	Purple Punch	SP · Straight Pull	24h	Shimano HG Road	Enduro - Steel
NON-NAB-PRI-0075-030	4072094041388	Purple Punch	SP · Straight Pull	24h	Shimano HG Road	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0075-031	4072094041395	Purple Punch	SP · Straight Pull	24h	Shimano Microspline - Road	Highspeed
NON-NAB-PRI-0075-032	4072094041401	Purple Punch	SP · Straight Pull	24h	Shimano Microspline - Road	Enduro - Steel
NON-NAB-PRI-0075-033	4072094041418	Purple Punch	SP · Straight Pull	24h	Shimano Microspline - Road	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0075-034	4072094041425	Purple Punch	SP · Straight Pull	24h	Campagnolo N3W	Highspeed
NON-NAB-PRI-0075-035	4072094041432	Purple Punch	SP · Straight Pull	24h	Campagnolo N3W	Enduro - Steel
NON-NAB-PRI-0075-036	4072094041449	Purple Punch	SP · Straight Pull	24h	Campagnolo N3W	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0078-001	4072094041456	Matte Black	T · T-Head	20h	Campagnolo N3W	Highspeed
NON-NAB-PRI-0078-002	4072094041463	Matte Black	T · T-Head	20h	Campagnolo N3W	Enduro - Steel
NON-NAB-PRI-0078-003	4072094041470	Matte Black	T · T-Head	20h	Campagnolo N3W	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0078-004	4072094041487	Matte Black	T · T-Head	20h	Shimano Microspline - Road	Highspeed
NON-NAB-PRI-0078-005	4072094041494	Matte Black	T · T-Head	20h	Shimano Microspline - Road	Enduro - Steel
NON-NAB-PRI-0078-006	4072094041500	Matte Black	T · T-Head	20h	Shimano Microspline - Road	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0078-007	4072094041517	Matte Black	T · T-Head	20h	Shimano HG Road	Highspeed
NON-NAB-PRI-0078-008	4072094041524	Matte Black	T · T-Head	20h	Shimano HG Road	Enduro - Steel
NON-NAB-PRI-0078-009	4072094041531	Matte Black	T · T-Head	20h	Shimano HG Road	Enduro Zero - Ceramic Hybrid
NON-NAB-PRI-0078-010	4072094041548	Matte Black	T · T-Head	20h	Sram XD	Highspeed
NON-NAB-PRI-0078-011	4072094041555	Matte Black	T · T-Head	20h	Sram XD	Enduro - Steel
NON-NAB-PRI-0078-012	4072094041562	Matte Black	T · T-Head	20h	Sram XD	Enduro Zero - Ceramic Hybrid