ROAD · CYCLOCROSS · GRAVEL RÁPIDO · JUEGO DE RUEDAS

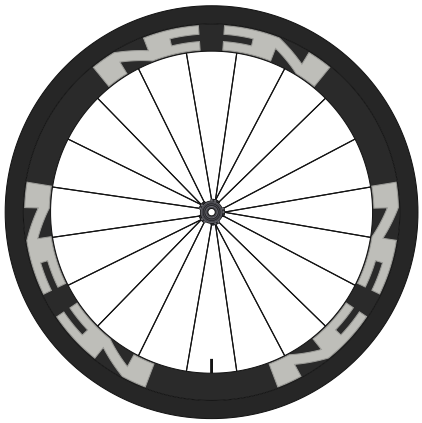
# SPEED45

Juego de ruedas de carbono con perfil de 45 mm. Equilibrio entre aero y manejo, para carretera y salidas rápidas de gravel.

**1115** g

PESO DEL JUEGO

| | |
|---|---|
| ALTURA DE LLANTA<br>**45** mm | ANCHURA INTERNA<br>**25** mm |
| ANCHURA EXTERNA<br>**32** mm | PESO MÁX. DEL SISTEMA<br>**110** kg |



## LLANTA

| | |
|---|---|
| Material | Carbono |
| Altura de llanta | 45 mm |
| Anchura interna | 25 mm |
| Anchura externa | 32 mm |
| ERD | 549 mm |
| Interfaz del neumático | Hooked |
| Neumático | Tubeless Ready |
| Orificio de válvula | Presta (6,5 mm) |

## RADIOS

| | |
|---|---|
| Material | Carbono |
| Número de agujeros | 24h |
| Cruce de radios | 2 cruces |
| Cabecillas | Aluminio |

## INTERFACES

| | |
|---|---|
| Sistema de eje | Eje pasante |
| Estándar eje delantero | 12 × 100 / 15 × 100 mm |
| Estándar eje trasero | 12 × 142 mm |
| Sistema de freno | Freno de disco |
| Anclaje de freno | Center Lock |

## BUJE

| | |
|---|---|
| Modelo | Primaro J · Primaro SP Gen2 · Primaro M4 |
| Sistema de rueda libre | Sistema de trinquete NonPlus 45CT |
| Núcleo (cassette) | Shimano HG, Shimano Microspline, SRAM XDR, Campagnolo N3W |

## PESO

| | |
|---|---|
| Juego de ruedas | 1115 g |
| Rueda delantera | 500 g |
| Rueda trasera | 615 g |
| Rueda del., radios de acero | 535 g |
| Rueda tras., radios de acero | 655 g |

## NEUMÁTICOS

| | |
|---|---|
| Anchura de neumático | 28–50 mm |

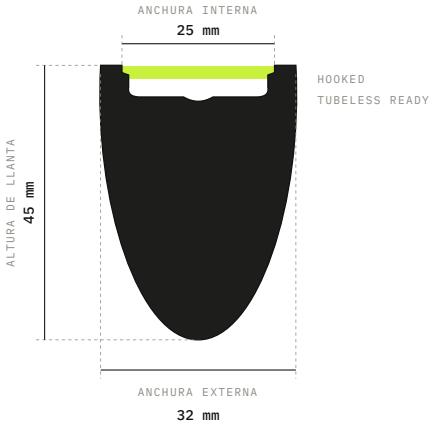
## USO

| | |
|---|---|
| Uso previsto | Road, Cyclocross, Gravel rápido |
| Peso máx. del sistema | 110 kg |
| Clase ASTM (F2043) | Clase 2 |
| Homologación e-bike | Sí, hasta 60 Nm de par motor |

## COMERCIO

| | |
|---|---|
| Referencia (base) | NON-WHL-SPD-0310 |
| Variantes | 72 |
| País de origen | Alemania |
| Código arancelario | 87149210 |
| Garantía | 4 años en el cuerpo del buje |
| Embalaje (L × An × Al) | 68 × 30 × 68 cm |

## 01 PERFIL DE LLANTA




MEDIDAS EN MM ESQUEMÁTICO

## 02 CONFIGURACIÓN

| | |
|---|---|
| MODELO DE BUJE | Primaro J · Primaro SP Gen2 · Primaro M4 |
| NÚMERO DE AGUJEROS | 24h |
| TIPO DE RADIOS | Aero Spokes - Carbon · Radios planos - Negro |
| NÚCLEO | Sram XD(R) · Shimano HG Road (no para e-bike) · Shimano Microspline (MS) - Road · Campagnolo N3W |
| RODAMIENTOS | Highspeed · Enduro - Steel · Enduro Zero - Ceramic Hybrid |
| COLOR DEL BUJE | Negro · Plata brillante |
| COLOR DE LOS ADHESIVOS | Winnenden White |
| ESTÁNDAR DE EJE DELANTERO | 12 × 100 mm · 15 × 100 mm |

Los valores enmarcados son fijos; el resto se elige en el configurador.

## 03 PRESIÓN DE NEUMÁTICOS

| Anchura | Cámara | Tubeless |
|---|---|---|
| 28 mm | 6,0 bar | 5,0 bar |
| 35 mm | 5,0 bar | 4,5 bar |
| 42 mm | 4,5 bar | 3,5 bar |
| 47 mm | 4,0 bar | 3,0 bar |
| 50 mm | 3,7 bar | 2,7 bar |

Presión máxima en bar según la anchura. Siempre se aplica el valor más bajo entre llanta y neumático.

## 04 CONTENIDO DEL ENVÍO

- Juego de ruedas
- Manual (Safety & Quick Start)

## 05 VARIANTES

72 variantes. La lista completa con referencia y GTIN está en el anexo a partir de la página 3.

**DOCUMENTOS**

**Safety & Quick Start** se incluye con cada producto y está disponible en PDF: montaje, pares de apriete, mantenimiento, garantía.
www.nonpluscomponents.com/support/downloads

**FABRICANTE**

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info@nonpluscomponents.com · +49 7195 9577901
Fabricado a mano en Winnenden.

PÁGINA DEL PRODUCTO

## A Anexo · variantes 1–58 de 72

| REFERENCIA | GTIN / EAN | MODELO DE BUJE | TIPO DE RADIOS | NÚCLEO | RODAMIENTOS | COLOR DEL BUJE |
|---|---|---|---|---|---|---|
| NON-WHL-SPD-0310-050 | 4072094036650 | Primaro M4 | Aero Spokes - Carbon | Sram XD | Highspeed | Plata brillante |
| NON-WHL-SPD-0310-053 | 4072094036667 | Primaro M4 | Aero Spokes - Carbon | Sram XD | Highspeed | Negro |
| NON-WHL-SPD-0310-056 | 4072094036674 | Primaro M4 | Aero Spokes - Carbon | Sram XD | Enduro - Steel | Plata brillante |
| NON-WHL-SPD-0310-059 | 4072094036681 | Primaro M4 | Aero Spokes - Carbon | Sram XD | Enduro - Steel | Negro |
| NON-WHL-SPD-0310-062 | 4072094036698 | Primaro M4 | Aero Spokes - Carbon | Sram XD | Enduro Zero - Ceramic Hybrid | Plata brillante |
| NON-WHL-SPD-0310-065 | 4072094036704 | Primaro M4 | Aero Spokes - Carbon | Sram XD | Enduro Zero - Ceramic Hybrid | Negro |
| NON-WHL-SPD-0310-068 | 4072094036711 | Primaro M4 | Aero Spokes - Carbon | Shimano HG Road | Highspeed | Plata brillante |
| NON-WHL-SPD-0310-071 | 4072094036728 | Primaro M4 | Aero Spokes - Carbon | Shimano HG Road | Highspeed | Negro |
| NON-WHL-SPD-0310-074 | 4072094036735 | Primaro M4 | Aero Spokes - Carbon | Shimano HG Road | Enduro - Steel | Plata brillante |
| NON-WHL-SPD-0310-077 | 4072094036742 | Primaro M4 | Aero Spokes - Carbon | Shimano HG Road | Enduro - Steel | Negro |
| NON-WHL-SPD-0310-080 | 4072094036759 | Primaro M4 | Aero Spokes - Carbon | Shimano HG Road | Enduro Zero - Ceramic Hybrid | Plata brillante |
| NON-WHL-SPD-0310-083 | 4072094036766 | Primaro M4 | Aero Spokes - Carbon | Shimano HG Road | Enduro Zero - Ceramic Hybrid | Negro |
| NON-WHL-SPD-0310-086 | 4072094036773 | Primaro M4 | Aero Spokes - Carbon | Shimano Microspline - Road | Highspeed | Plata brillante |
| NON-WHL-SPD-0310-089 | 4072094036780 | Primaro M4 | Aero Spokes - Carbon | Shimano Microspline - Road | Highspeed | Negro |
| NON-WHL-SPD-0310-092 | 4072094036797 | Primaro M4 | Aero Spokes - Carbon | Shimano Microspline - Road | Enduro - Steel | Plata brillante |
| NON-WHL-SPD-0310-095 | 4072094036803 | Primaro M4 | Aero Spokes - Carbon | Shimano Microspline - Road | Enduro - Steel | Negro |
| NON-WHL-SPD-0310-098 | 4072094036810 | Primaro M4 | Aero Spokes - Carbon | Shimano Microspline - Road | Enduro Zero - Ceramic Hybrid | Plata brillante |
| NON-WHL-SPD-0310-101 | 4072094036827 | Primaro M4 | Aero Spokes - Carbon | Shimano Microspline - Road | Enduro Zero - Ceramic Hybrid | Negro |
| NON-WHL-SPD-0310-104 | 4072094036834 | Primaro M4 | Aero Spokes - Carbon | Campagnolo N3W | Highspeed | Plata brillante |
| NON-WHL-SPD-0310-107 | 4072094036841 | Primaro M4 | Aero Spokes - Carbon | Campagnolo N3W | Highspeed | Negro |
| NON-WHL-SPD-0310-110 | 4072094036858 | Primaro M4 | Aero Spokes - Carbon | Campagnolo N3W | Enduro - Steel | Plata brillante |
| NON-WHL-SPD-0310-113 | 4072094036865 | Primaro M4 | Aero Spokes - Carbon | Campagnolo N3W | Enduro - Steel | Negro |
| NON-WHL-SPD-0310-116 | 4072094036872 | Primaro M4 | Aero Spokes - Carbon | Campagnolo N3W | Enduro Zero - Ceramic Hybrid | Plata brillante |
| NON-WHL-SPD-0310-119 | 4072094036889 | Primaro M4 | Aero Spokes - Carbon | Campagnolo N3W | Enduro Zero - Ceramic Hybrid | Negro |
| NON-WHL-SPD-0310-121 | 4072094036896 | Primaro J | Radios planos - Negro | Sram XD | Highspeed | Plata brillante |
| NON-WHL-SPD-0310-123 | 4072094036902 | Primaro SP Gen2 | Radios planos - Negro | Sram XD | Highspeed | Plata brillante |
| NON-WHL-SPD-0310-124 | 4072094036919 | Primaro J | Radios planos - Negro | Sram XD | Highspeed | Negro |
| NON-WHL-SPD-0310-126 | 4072094036926 | Primaro SP Gen2 | Radios planos - Negro | Sram XD | Highspeed | Negro |
| NON-WHL-SPD-0310-127 | 4072094036933 | Primaro J | Radios planos - Negro | Sram XD | Enduro - Steel | Plata brillante |
| NON-WHL-SPD-0310-129 | 4072094036940 | Primaro SP Gen2 | Radios planos - Negro | Sram XD | Enduro - Steel | Plata brillante |
| NON-WHL-SPD-0310-130 | 4072094036957 | Primaro J | Radios planos - Negro | Sram XD | Enduro - Steel | Negro |
| NON-WHL-SPD-0310-132 | 4072094036964 | Primaro SP Gen2 | Radios planos - Negro | Sram XD | Enduro - Steel | Negro |
| NON-WHL-SPD-0310-133 | 4072094036971 | Primaro J | Radios planos - Negro | Sram XD | Enduro Zero - Ceramic Hybrid | Plata brillante |
| NON-WHL-SPD-0310-135 | 4072094036988 | Primaro SP Gen2 | Radios planos - Negro | Sram XD | Enduro Zero - Ceramic Hybrid | Plata brillante |
| NON-WHL-SPD-0310-136 | 4072094036995 | Primaro J | Radios planos - Negro | Sram XD | Enduro Zero - Ceramic Hybrid | Negro |
| NON-WHL-SPD-0310-138 | 4072094037008 | Primaro SP Gen2 | Radios planos - Negro | Sram XD | Enduro Zero - Ceramic Hybrid | Negro |
| NON-WHL-SPD-0310-139 | 4072094037015 | Primaro J | Radios planos - Negro | Shimano HG Road | Highspeed | Plata brillante |
| NON-WHL-SPD-0310-141 | 4072094037022 | Primaro SP Gen2 | Radios planos - Negro | Shimano HG Road | Highspeed | Plata brillante |
| NON-WHL-SPD-0310-142 | 4072094037039 | Primaro J | Radios planos - Negro | Shimano HG Road | Highspeed | Negro |
| NON-WHL-SPD-0310-144 | 4072094037046 | Primaro SP Gen2 | Radios planos - Negro | Shimano HG Road | Highspeed | Negro |
| NON-WHL-SPD-0310-145 | 4072094037053 | Primaro J | Radios planos - Negro | Shimano HG Road | Enduro - Steel | Plata brillante |
| NON-WHL-SPD-0310-147 | 4072094037060 | Primaro SP Gen2 | Radios planos - Negro | Shimano HG Road | Enduro - Steel | Plata brillante |
| NON-WHL-SPD-0310-148 | 4072094037077 | Primaro J | Radios planos - Negro | Shimano HG Road | Enduro - Steel | Negro |
| NON-WHL-SPD-0310-150 | 4072094037084 | Primaro SP Gen2 | Radios planos - Negro | Shimano HG Road | Enduro - Steel | Negro |
| NON-WHL-SPD-0310-151 | 4072094037091 | Primaro J | Radios planos - Negro | Shimano HG Road | Enduro Zero - Ceramic Hybrid | Plata brillante |
| NON-WHL-SPD-0310-153 | 4072094037107 | Primaro SP Gen2 | Radios planos - Negro | Shimano HG Road | Enduro Zero - Ceramic Hybrid | Plata brillante |
| NON-WHL-SPD-0310-154 | 4072094037114 | Primaro J | Radios planos - Negro | Shimano HG Road | Enduro Zero - Ceramic Hybrid | Negro |
| NON-WHL-SPD-0310-156 | 4072094037121 | Primaro SP Gen2 | Radios planos - Negro | Shimano HG Road | Enduro Zero - Ceramic Hybrid | Negro |
| NON-WHL-SPD-0310-157 | 4072094037138 | Primaro J | Radios planos - Negro | Shimano Microspline - Road | Highspeed | Plata brillante |
| NON-WHL-SPD-0310-159 | 4072094037145 | Primaro SP Gen2 | Radios planos - Negro | Shimano Microspline - Road | Highspeed | Plata brillante |
| NON-WHL-SPD-0310-160 | 4072094037152 | Primaro J | Radios planos - Negro | Shimano Microspline - Road | Highspeed | Negro |
| NON-WHL-SPD-0310-162 | 4072094037169 | Primaro SP Gen2 | Radios planos - Negro | Shimano Microspline - Road | Highspeed | Negro |
| NON-WHL-SPD-0310-163 | 4072094037176 | Primaro J | Radios planos - Negro | Shimano Microspline - Road | Enduro - Steel | Plata brillante |
| NON-WHL-SPD-0310-165 | 4072094037183 | Primaro SP Gen2 | Radios planos - Negro | Shimano Microspline - Road | Enduro - Steel | Plata brillante |
| NON-WHL-SPD-0310-166 | 4072094037190 | Primaro J | Radios planos - Negro | Shimano Microspline - Road | Enduro - Steel | Negro |
| NON-WHL-SPD-0310-168 | 4072094037206 | Primaro SP Gen2 | Radios planos - Negro | Shimano Microspline - Road | Enduro - Steel | Negro |
| NON-WHL-SPD-0310-169 | 4072094037213 | Primaro J | Radios planos - Negro | Shimano Microspline - Road | Enduro Zero - Ceramic Hybrid | Plata brillante |
| NON-WHL-SPD-0310-171 | 4072094037220 | Primaro SP Gen2 | Radios planos - Negro | Shimano Microspline - Road | Enduro Zero - Ceramic Hybrid | Plata brillante |

## A Anexo · variantes 59–72 de 72

| REFERENCIA | GTIN / EAN | MODELO DE BUJE | TIPO DE RADIOS | NÚCLEO | RODAMIENTOS | COLOR DEL BUJE |
|---|---|---|---|---|---|---|
| **NON-WHL-SPD-0310-172** | 4072094037237 | Primaro J | Radios planos - Negro | Shimano Microspline - Road | Enduro Zero - Ceramic Hybrid | Negro |
| **NON-WHL-SPD-0310-174** | 4072094037244 | Primaro SP Gen2 | Radios planos - Negro | Shimano Microspline - Road | Enduro Zero - Ceramic Hybrid | Negro |
| **NON-WHL-SPD-0310-175** | 4072094037251 | Primaro J | Radios planos - Negro | Campagnolo N3W | Highspeed | Plata brillante |
| **NON-WHL-SPD-0310-177** | 4072094037268 | Primaro SP Gen2 | Radios planos - Negro | Campagnolo N3W | Highspeed | Plata brillante |
| **NON-WHL-SPD-0310-178** | 4072094037275 | Primaro J | Radios planos - Negro | Campagnolo N3W | Highspeed | Negro |
| **NON-WHL-SPD-0310-180** | 4072094037282 | Primaro SP Gen2 | Radios planos - Negro | Campagnolo N3W | Highspeed | Negro |
| **NON-WHL-SPD-0310-181** | 4072094037299 | Primaro J | Radios planos - Negro | Campagnolo N3W | Enduro - Steel | Plata brillante |
| **NON-WHL-SPD-0310-183** | 4072094037305 | Primaro SP Gen2 | Radios planos - Negro | Campagnolo N3W | Enduro - Steel | Plata brillante |
| **NON-WHL-SPD-0310-184** | 4072094037312 | Primaro J | Radios planos - Negro | Campagnolo N3W | Enduro - Steel | Negro |
| **NON-WHL-SPD-0310-186** | 4072094037329 | Primaro SP Gen2 | Radios planos - Negro | Campagnolo N3W | Enduro - Steel | Negro |
| **NON-WHL-SPD-0310-187** | 4072094037336 | Primaro J | Radios planos - Negro | Campagnolo N3W | Enduro Zero - Ceramic Hybrid | Plata brillante |
| **NON-WHL-SPD-0310-189** | 4072094037343 | Primaro SP Gen2 | Radios planos - Negro | Campagnolo N3W | Enduro Zero - Ceramic Hybrid | Plata brillante |
| **NON-WHL-SPD-0310-190** | 4072094037350 | Primaro J | Radios planos - Negro | Campagnolo N3W | Enduro Zero - Ceramic Hybrid | Negro |
| **NON-WHL-SPD-0310-192** | 4072094037367 | Primaro SP Gen2 | Radios planos - Negro | Campagnolo N3W | Enduro Zero - Ceramic Hybrid | Negro |