

# NSC ROAD / GRAVEL COMPATIBILITY GUIDE

**H-SPLIT**

Road and Gravel setups are similar in many ways - meaning this compatibility guide is applicable across both riding formats!

## 1 GROUPSET

NSC COMPATABILITY WORKSHEET  
MY GROUPSET IS:

### SHIMANO

Within the road segment, Shimano use the same 'HyperGlide' free bodies across all their groupsets, whether it's 8,9,10,11 or 12 speed.

#### NSC compatibility:

*Straight from the factory, our NSC road wheels are compatible with any Shimano groupset. From 8 speed, right through to the new 12 speed.*

### SRAM

SRAM utilise both HyperGlide, XD and XDR free bodies across their groupsets. For 11 speed SRAM setups, it can be either 'HyperGlide' or XD

#### NSC compatibility:

*Our NSC road wheels support all SRAM groupset options, however we need to fit the right groupset driver, whether this is XD, XDR or HG.*

### CAMPAGNOLO

Campagnolo is a road pure-play system with their own proprietary freehub driver designs - the 'Classic Campagnolo' and their new 'N3W' system.

#### NSC compatibility:

*Our NSC road wheels in Campagnolo configuration use the N3W system, meaning we support all Campagnolo groupset options!*

## 2 HUB SYSTEM

NSC COMPATABILITY WORKSHEET  
MY HUB SYSTEM IS:

### DISC BRAKE / THRU AXLE

Thru axles feature a larger diameter than quick release skewers, boosting stiffness. They improve handling and reduce flex, especially for powerful riders and rough conditions. As an added bonus, they position the wheel more consistently during wheel swaps, which ensures perfect brake rotor alignment.

Front: 12mm x 100mm  
Rear: 12mm x 142mm  
(Diameter, width)

#### NSC compatibility:

*Our Disc Brake (DB) Road and Gravel wheels come fitted with standard thru axle compatible hubs.*

### RIM BRAKE / QUICK RELEASE

A quick release wheel has a hollow axle, 9mm in diameter at the front and 10mm at the rear, with a 5mm diameter skewer that passes through it. Until recently, all road bikes used rim brakes and they all used standard hub widths — 100mm on the front and 130mm on the rear.

Front: 9mm x 100mm  
Rear: 10mm x 130mm  
(Diameter, width)

#### NSC compatibility:

*Our Rim Brake (RB) Road wheels are fitted with standard quick release hubs, including a new skewer.*

## 3 BRAKING SYSTEM

NSC COMPATABILITY WORKSHEET  
MY BRAKING SYSTEM IS:

### CENTRE LOCK DISC

Centre lock rotors are the new road standard.

#### NSC compatibility:

*NSC DB wheels natively support centre lock rotors.*

### 6 BOLT DISC

6 bolt rotors have been around for many years and are generally considered a legacy format in DB road setups these days.

#### NSC compatibility:

*NSC DB wheels can support 6 bolt discs with low-cost adaptor kits. Otherwise, a new set of discs may be required!*

### RIM BRAKE

Rim brakes have been the most common road riding setup for many generations.

#### NSC compatibility:

*NSC carries Rim Brake variants of all road wheels. You will need to swap your pads out for carbon pads though, beware!*

## 4 WHEEL DIMENSION

NSC COMPATABILITY WORKSHEET  
MY WHEEL DIMENSION IS:

### 650B

650B is a slightly smaller wheel (584mm), a format starting to be seen more on some gravel setups to allow for a larger volume tyre.

#### NSC compatibility:

*NSC does not carry 650B variants of our wheels unfortunately!*

### 700C

700c is the most common size wheel for both road & gravel (622mm). They will be found pretty much everywhere you look!

#### NSC compatibility:

*All NSC road and gravel wheels are 700c size.*