

Q & A Wheels (and tyres again)

Q. Not sure how the Slot.it tyre measurement system works. I had a look at the Slot.it tyre selector but that was pretty useless and minimal measurements were listed. I am looking at these wheels for a Carrera 917:



I am assuming the 14.4mm refers to the bead diameter, but I am not entirely sure. I am assuming the 11.5mm refers to tyre width, and not including the spigot width. (I guess that's what the 12mm is that Armchair are referring to) So scaling the photo I get approx 6mm internal tyre step width. I would normally just contact the shop but they are moving today and tomorrow so probably not a good time!

A. *You don't really need to worry about width of the centre, and how deep the step down is, because the main makers of alloy wheels and aftermarket tyres are pretty much all the same – 5mm wide centre raised section and a 1.1mm deep step down to the shoulders. That includes Ninco, Slotting Plus, ScaleAuto and Sideways as well as Slot.it and NSR*

I can take an NSR tyre and fit it to the same basic O.D. and width Slot.it wheel, and vice versa. All you really need is the O.D. and width of the rim - typically a nominal 8 or 10mm; and the width of the boss where the grub screw resides if distance between the outside of axle bush and inside of wheel arch is tight.



The [Slot.it wheel/tyre chart](#) provides all the information in a grid system - just look across and look down, choose the size wheel you want, the tyre compound you want, and the O.D. you want.

The chart is also in the Slot.it parts catalogue, free on request from Slotraceshop with any order. It shows which tyres will fit which wheels, and what the O.D. is, for any tyre on any compatible wheel. So you can also work out O.D. for any known wheel size of any maker with that tyre.

One thing to remember is - Slot.it state the O.D. of the loose tyre in their specification, not the dimension fitted to any particular wheel.

I suggest you measure:

- 1) The O.D. of the centre - likely 16.5 - 17.3mm*
- 2) Wheel width excluding the boss*
- 3) Wheel width including the boss*

You can then choose probably a 9.75/10mm GT type wheel (not the one you were looking at which was an F1 wheel), just as wheels, or as part of a kit; and choose a tyre to suit it. For an inline the KK03 for older Carrera cars, or KK07 (scalextric) or KK17 (Carrera) kit might be good choices.

