

## What is 00-SF or 4-SF

00-SF is for those interested in doing, or those actually doing, the following:

1. Build their own 00 track.
2. Make the track gauge 16.2mm.
3. Make the flangeways 1.0mm
4. Buy their rolling stock or wheels, take it out of the box or packet, run it exactly as supplied.

If you don't want to do number 4, 00 gauge makes little sense, especially not messing about with back-to-backs. Build EM or P4 instead.

## BENEFITS of 00-SF

- Improved running characteristics,
- Improved appearance, especially of pointwork,

## WITH

- Unmodified "off-the-shelf" RTR locos & stock
- and also many "standard" 00/H0 wheelsets.

## AND WITH

- The option of using "off-the-shelf" 00/H0 track within the same layout.

Generally, for "scale 00" wheels such as Alan Gibson, Romford, Markits, etc., they should be supplied set to 14.5mm back-to-back, and the flange thickness should be less than 0.7mm. **THEY SHOULD WORK JUST FINE AS THEY ARE.**

For "RTR 00" wheels they should normally conform to the NMRA H0 standard with back-to-back set to 14.4mm and flange thickness less than 0.8mm. **THEY SHOULD WORK JUST FINE AS THEY ARE.**

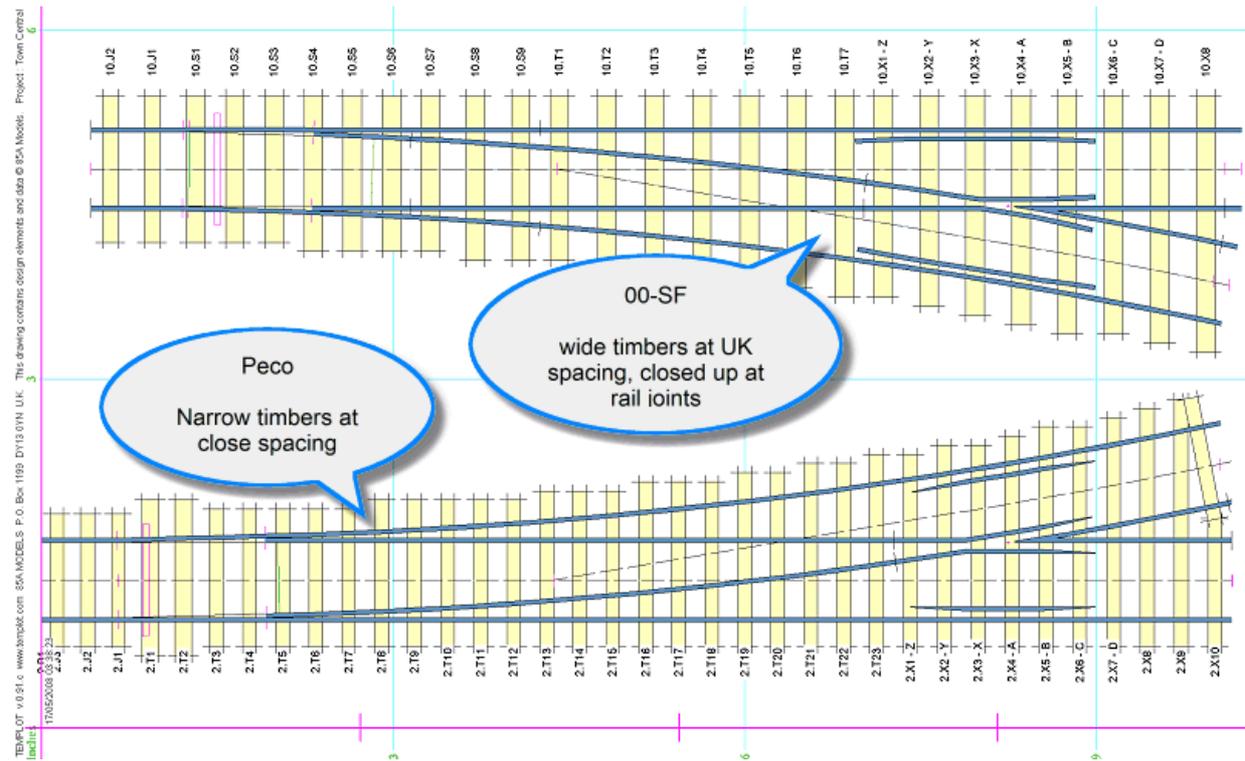
That's the whole point of 00-SF -- by changing the gauge to 16.2mm everything works just fine **AS IT IS SUPPLIED.** "Scale 00" and RTR stock runs equally well on the same track.

The **ONLY** proviso for 00-SF is that you must look to EM practice as regards minimum radius, train set curves are not suitable at 16.2mm gauge and must be widened back to 16.5mm. **[00-SF is sometimes referred to as EM-minus-2]**

Also of course, the back-to-back for 00-SF must be more than 14.2mm, which rules out some very old RTR stock.

Oh, and by the way, its 00-SF; that's **ZERO-ZERO-SF** and not the letter "O" (phonetically "Oscar").

## 00-SF compared to Peco Streamline



## Resources

There is a Yahoo Group called 00-SF. This Group is owned and moderated by Rodney Hills. Most of the above definition & description of 00-SF has been lifted from the landing page of this group and is based on the writings of Martin Wynne. It is reproduced here by permission.

When 00-SF was set up Martin Wynne created a website which can be found here: <http://4-sf.uk/>

Martin Wynne is the head honcho of Templot: <http://www.templot.com/>. Templot is a massively useful track planning tool if you want to build your own track.

Supplies (including track gauges and templates) can be obtained from C&L Finescale [www.finescale.org.uk](http://www.finescale.org.uk).

Their pages on 00-SF can be found here:  
[http://www.finescale.org.uk/index.php?route=information/information&information\\_id=48](http://www.finescale.org.uk/index.php?route=information/information&information_id=48)  
[http://www.finescale.org.uk/index.php?route=information/information&information\\_id=49](http://www.finescale.org.uk/index.php?route=information/information&information_id=49)

Also available for track planning software: the Trax series of books, written by Jeff Geary, published by Noodle Books (formerly Kevin Robertson Publications). Of particular interest is Trax 2 which deals with track planning and construction although Trax 3 (Signalling and Lever Frames) also contains the Trax Track Planning Software.

Geoff Jones book of the 2mm Association has produced a book called "Track, how it works and how to model it" which, although aimed at 2mm modelling is very comprehensive and equally applicable to 4mm scale: <http://www.2mm.org.uk/products/trackbook/>