

2cm  
wide

## Instructions: Track Spacing Tools

This kit is provided as-is and free of charge. This kit is provided to assist railway modelers, if you found this kit useful please subscribe to our YouTube channel by visiting <http://youtube.com/oorail77>, and check out the videos available there. If you would like to support the oorail project, please consider making a donation or purchasing a mug or other item via our website at <http://www.oorail.co.uk>.

This kit has been designed to work for OO scale (1:76.2) with A4 paper when printed to 100% scale. In the United States, this kit can be printed for OO scale by using US Legal paper and printing this document to 100% scale. Do **NOT** use fit to page print options. There is a calibration guide on the left and right of this page.

### Templates

This kit includes track spacing templates for wideway (66.5mm), standard track clearance (50mm), scale ten-foot (40mm), scale six-foot (24mm), minimum recommended track clearance (31.5mm), embankment clearance, siding minimum clearance and a minimum platform clearance template. These templates are designed to be printed and used as a guide when laying track. They can be cut and glued to light card if desired. To use these templates, simply place the template on the baseboard then place the track on top of the template. When you are happy with the track placement, mark the rail ends on the baseboard and slide the template out from under the track, secure either end of the track to the baseboard, then place the template over the track to verify / adjust before completely securing the track.

### Track Spacing Tools

This kit also includes track spacing tools for 66.5mm, 50mm, 40mm, 31.5mm and 24mm clearances. To use these tools, simply print, cut them out precisely and glue to heavy card (2mm is recommended). The track spacing tools can also be glued to plasticard and cut. Use a ruler to verify the spacing is correct after cutting. Plasticard will provide a stronger tool but 2mm heavy card works just fine. To use the track spacing tool, align one long edge of the tool with the outside rail of the adjacent track, the other long edge then aligns with the track you are laying. If you are using the 50mm tool, then the distance between the rails of the pair of tracks should be 50mm.

### Curves, Points and Sidings

Curves require different clearances depending on the radius of the curve, tighter curves require more clearance, we recommend testing curves with the longest and widest rolling stock that will be used on the layout. We typically test with Mk.4 coaches and large freight wagons. The minimum clearance for small points and recommended minimum for medium points is 50mm. For large (Express) points we recommend the 40mm clearance, larger clearances work by adding track between the points, smaller clearances down to 31.5mm vary depending on the manufacturer. The absolute minimum clearance on straight parts of sidings is 24mm, but the track clearance will need to be widened on approach to points, curves or if trackside equipment/scenery is desired (signals etc).

### Printing

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3cm  
wide10cm  
long15cm  
long

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66.5mm: Wideway track spacing



66.5mm wideway track template - Print or Glue to light card

Additional Track Template - Print or Glue to medium card / card stock



PK-001 - Track Spacing Tools

OO Scale - British Rail Era

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**50mm: small-medium point clearance**



Recommended Standard Track clearance template - spacing allows for direct small/standard point connection

**50mm: small-medium point clearance**



50mm Track Clearance tool - Glue to Heavy Card - Cut precisely



**PK-001 - Track Spacing Tools**

**OO Scale - British Rail Era**

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40mm: large points / scale route interval (4-way track)

40mm track clearance template - scale ten-foot - good clearance for large and express points - spacing between track pairs



40mm: large points / scale route interval (4-way track)

40mm track spacing tool - Cut and glue to heavy card - cut precisely

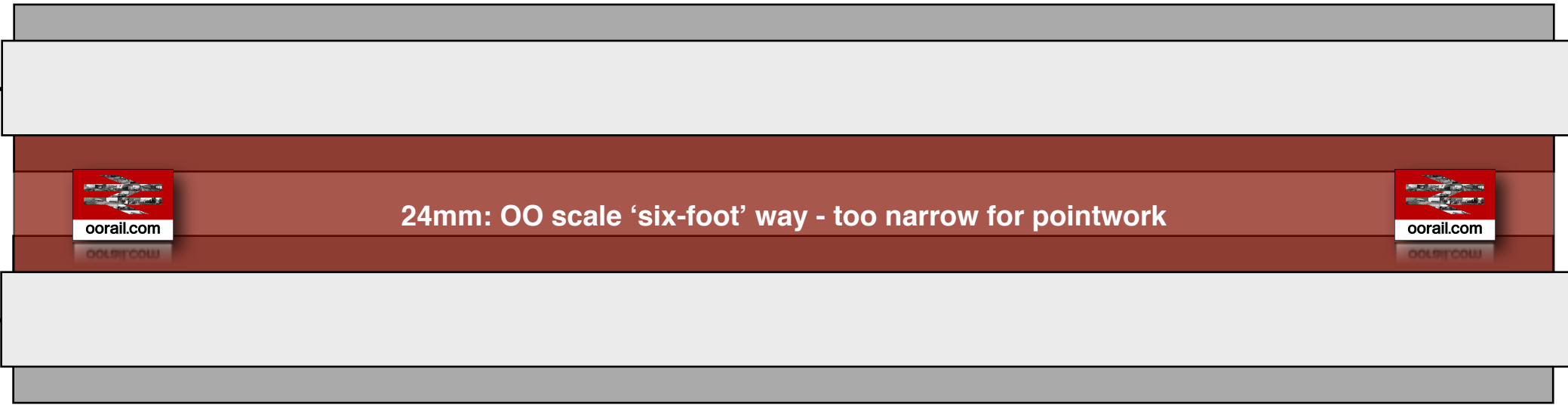


PK-001 - Track Spacing Tools

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24mm: OO scale 'six-foot' way - too narrow for pointwork



24mm: OO scale 'six-foot' way - too narrow for pointwork



66.5mm: Wideway track spacing



Wideway Track Spacing Tool - Glue to heavy card



PK-001 - Track Spacing Tools

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31.5mm: Minimum Clearance - Increase for curves/sidings

31.5mm Minimum Clearance Template - too narrow for small/medium points



31.5mm: Minimum Clearance - Increase for curves/sidings

31.5mm Track Spacing Tool - Print and Glue to Heavy Card (2mm)



PK-001 - Track Spacing Tools

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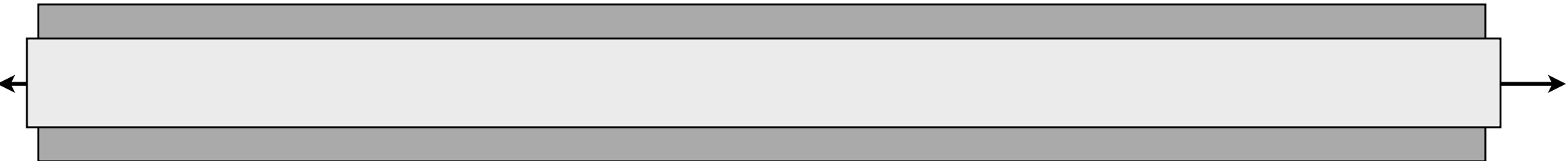
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21.25mm: Embankment Edge Spacing Tool



21.25mm: Embankment Edge Spacing Tool



Minimum Clearance Siding Template - Print and overlay track



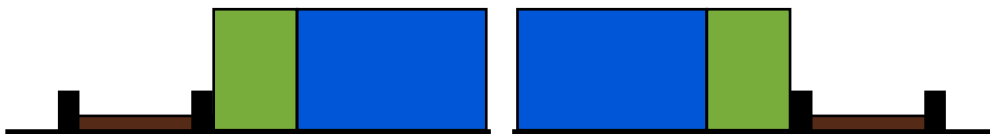
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# Minimum Platform width



Minimum Clearance / Minimum Platform Width Template



Code 100 - Minimum Low Relief / Standard Height Platform Templates



Code 100 - Standard Platform Height / Minimum Clearance Template

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