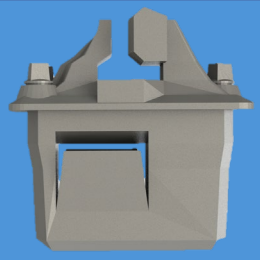


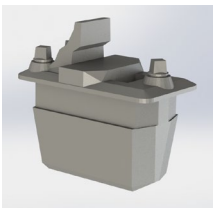
Working with Plug Track

Selecting Plug Styles (plug fits)

There are 3 styles of ‘plug’ in the Plug Track family, each of which has been tailored to optimise their ‘fit’ to different track base materials.
These are:

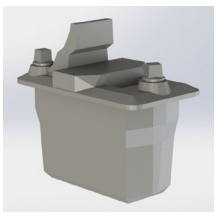
CLIP FIT

Clip-Fit plugs have resilient side tangs for an easy clip-fit into sockets having a matching undercut formed into their side walls.
They are suitable for FDM (filament) printed timbering bases as well as resin 3d printed timbering bases.
Experience has shown that clip-fit chairs can also work well with laser-cut card or thin plywood timbering bases.



SNAP FIT

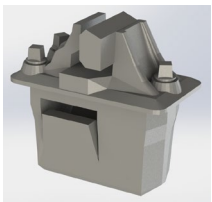
Snap-Fit plugs have solid side tangs for a positive snap-fit into sockets with a matching undercut formed into the side walls.
They are suitable for FDM (filament) printed timbering bases printed with a resilient material which allows the sockets to flex as the chair is ‘plugged in’.
Snap-fit chairs are not suitable for Resin 3d printed timbering or laser-cut/milled timbering bases.



PRESS FIT

Press-fit plugs have plain sides and are an interference fit into the timbering sockets. The tolerance of the fit can be adjusted using a slider control in the export dialog of Templot and can be adjusted from a ‘glue’ fit to a ‘bash’ fit. Some experimentation will be required to achieve the users desired fit tolerance.
Press-fit chairs are suitable for all timbering base materials.

Jaw Options:



A Solid Outer Jaw Chair

A Loose Outer Jaw Chair & Separate Jaw with key

Chair plugs can also be defined by two chair options; Solid Outer Jaws and Loose Outer Jaws.
With the Solid Outer Jaw option selected chairs will be created with two fixed jaws rather like an Exactoscale or C&L chair.
With the Loose Outer Jaw option, the chairs will have a fixed inner jaw and the chair base will have a slot into which a separate outer jaw and key can be fitted later to hold the rail.
By default, the Loose Outer Jaw option is turned on in Templot. This is likely to be the appropriate option for most users in most cases.

Crossing chairs use loose jaws by default, because it would be impossible to construct them otherwise.