

trevorlong | [printables.com](https://printables.com)

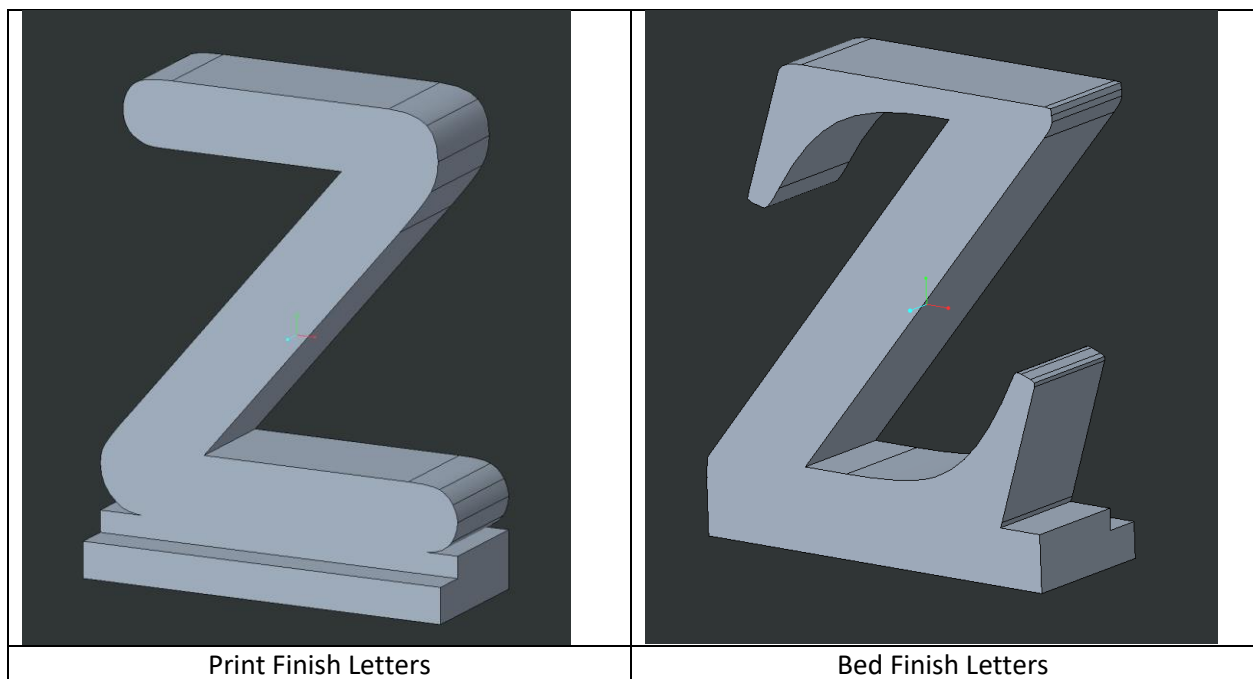
## Introduction

Hello! Welcome to the design guide for the modular name plate system! The goal of this document is to help you choose the right components and help you make your own compatible components! If you make anything I encourage you to share it on printables!

## Basic Components

There are a couple of basic components you need to be aware of when building your nameplate:

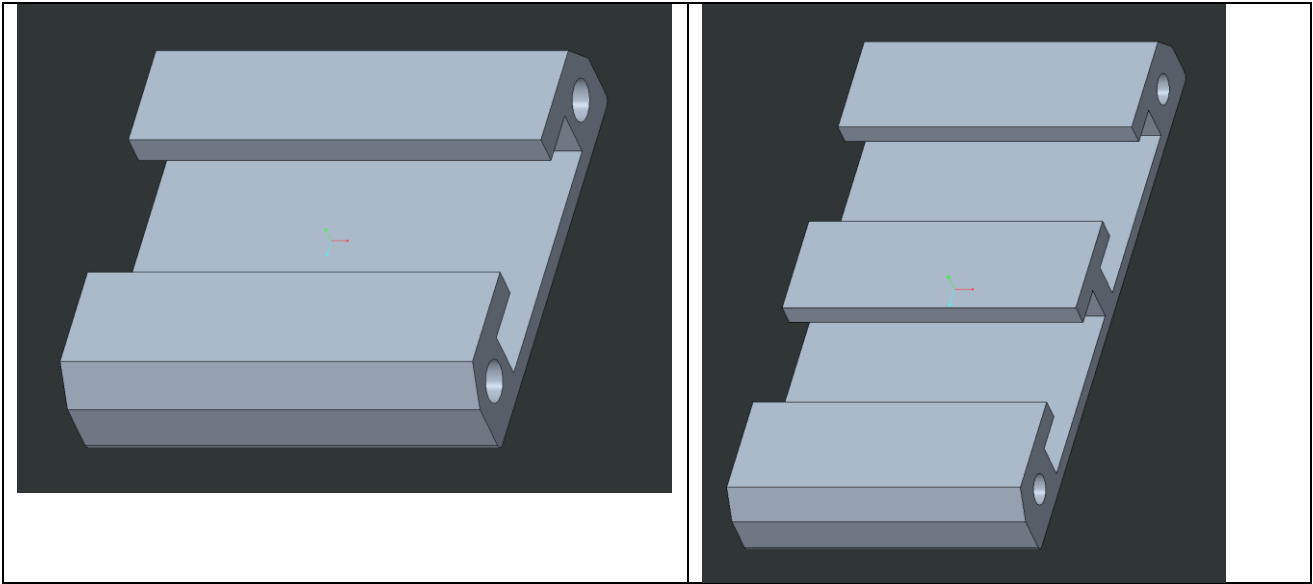
Letters:



As you can see, there are two types of letters I have provided, one is “bed finish” and the other “print finish”. This is referring to the finish of the readable side of the letter. For example, the print finish Z on the left prints with its back on the bed and the front is the top of the print, so it has a 3D printer looking finish. Conversely, the bed finish Z on the right prints with the front on the bed, so it gains the finish of the bed, if you use a textured bed this can look nice. The only difference when designing these two letters is which side the little groove follower is on.

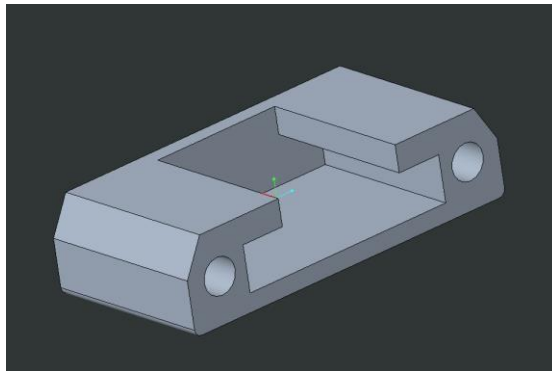
I’m hoping some of you design new font kits. I have provided two fonts, one of which is bed finish and the other is print finish.

## Tracks:



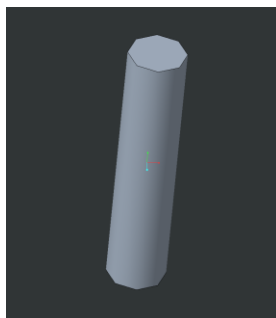
The tracks come in two variations, single rail and dual rail. The single rail can be used to make a traditional looking name plate with one line of text. The dual rail could be used to put a background on the name plate or add two lines of text to a single name plate (maybe you share a desk?).

## Track Ends:



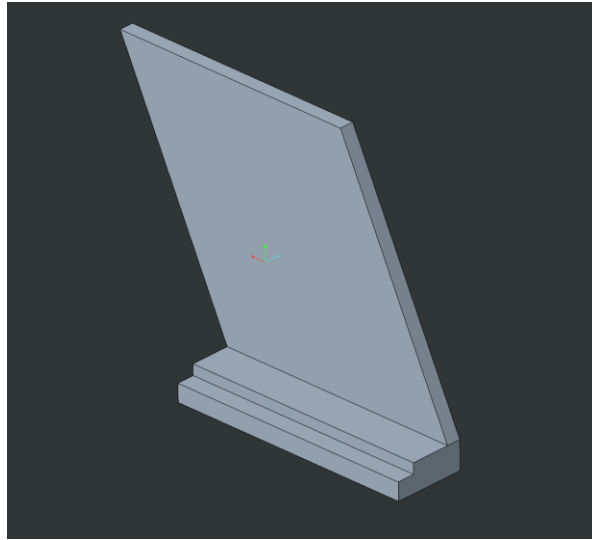
The track ends are very simply ends to the tracks, they come in both dual rail and single rail variants. They are overall .5" long but the slot is .45" long.

## Track Pins:



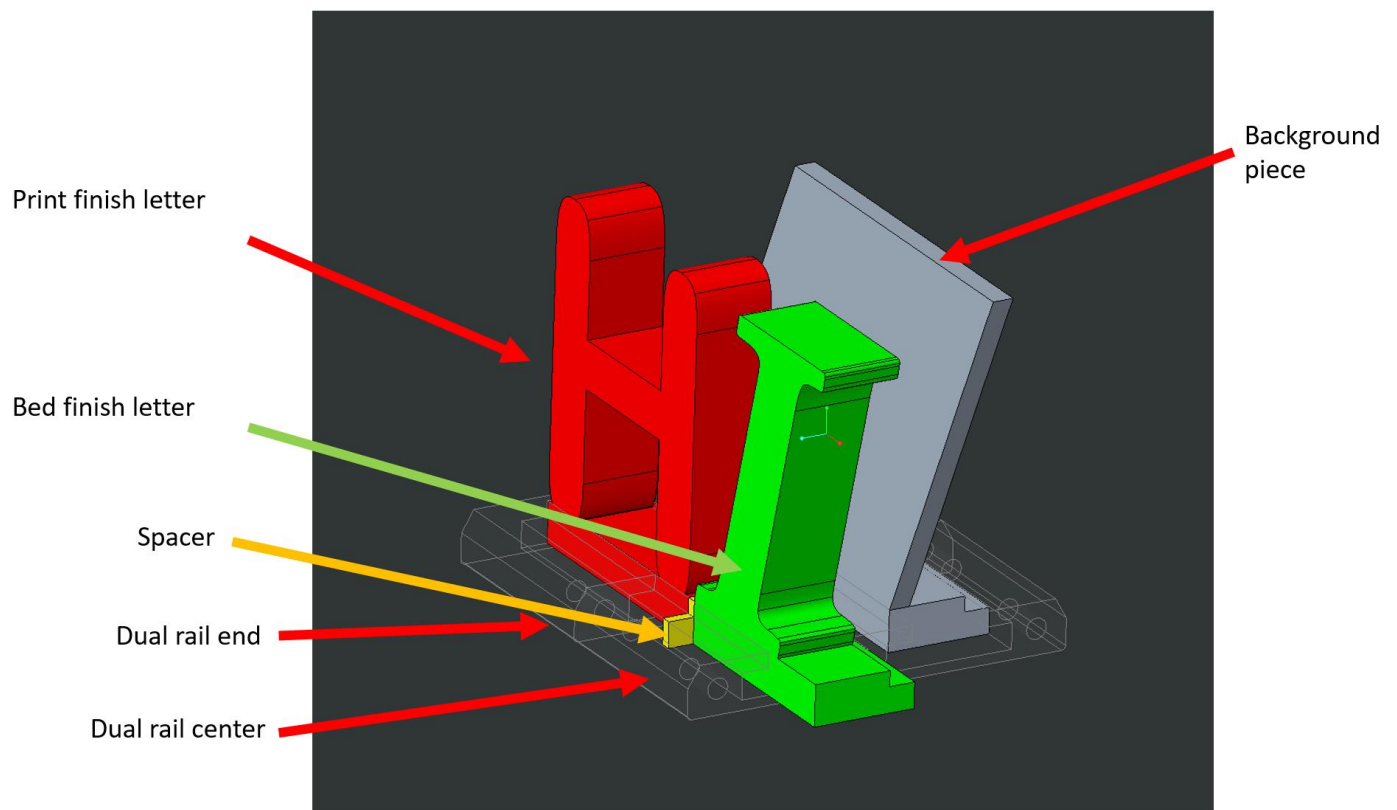
The track pin is used to connect track segments together, it may be a little tight of a fit but it will go in.

## Background Pieces:



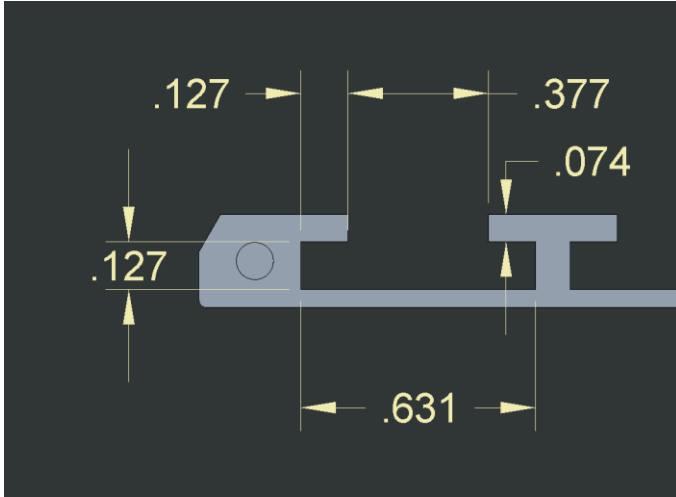
Background pieces utilize the second slot in a dual rail slot to provide a background for the letters, they use the same rails as the letters, so everything is interchangeable.

Spacers/Overall Example:

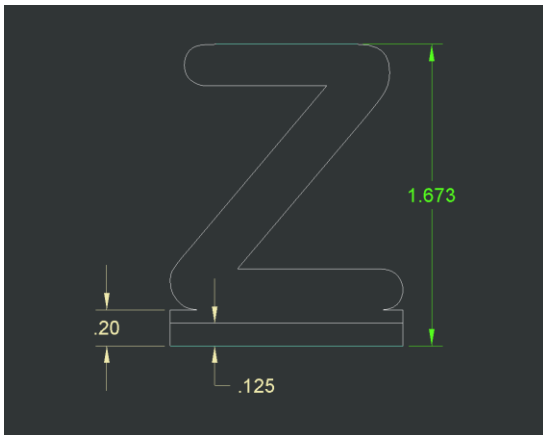


As you can see, the spacers allow the letters, words, backgrounds, or names to be further apart. This image has transparent stand pieces to allow you to see how everything slots together.

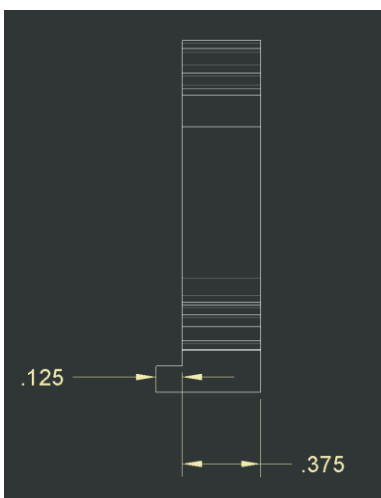
## Dimensions



### Slot dimensions



### Letter height dimensions



### Letter thickness dimensions