

RESIN PRINTED

A complete post can be resin 3D printed in one piece. Since resin prints are fragile, this design has a hole through the peg to accept a common 2mm nail. The peg is a little shorter to make up for the nail head. These nails are very inexpensive. Try some to make sure the nail shaft diameter is about 2mm.

A pair of cross-holes near the top of the post allows resin to drain out during printing. Be sure to clean out the hole before final curing.

The chamfer at the top should help prevent the elephant's foot issue which can cause interference with the walls.

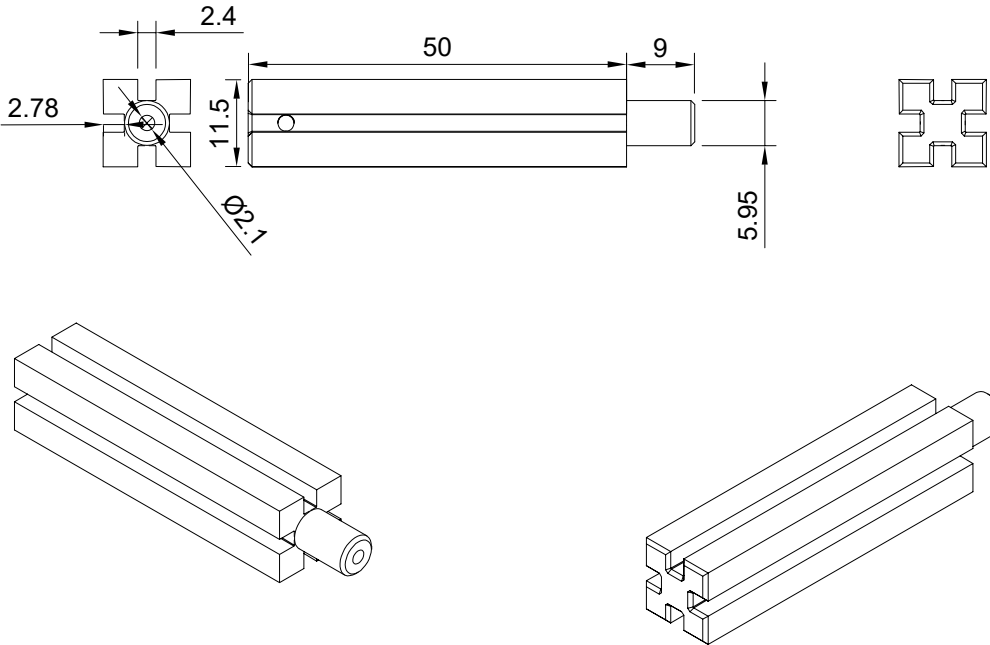
Glue the nail in with CA glue or whatever comes to hand. Even if you break the post, it should be easy enough to extract from the base.

DIMENSIONS

These posts are nominally 11.5mm nominally across the faces and have pegs that are 5.95mm diameter.

The finished size of your resin printed post will depend in part on the exposure time. Print some test posts. The peg diameter must not exceed 6mm and should not be much less than 5.9mm or the fit will be poor.

The main part of the posts must not be more than 12mm across or there will be problems fitting the walls between them



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