



## Brass Heat-Set Inserts for Plastic – M3 x 4mm – 50 pack

PRODUCT ID: 4255

Wanna improve the connection strength between your project's 3D-printed parts, and also have nice clean surfaces? Instead of gluing bits together, or screwing plastic screws directly into your 3D prints, use strong and reusable machine screws and heat-set inserts. Heat set inserts are only a few cents a piece and have a grooved outside, with threads on the inside. Originally they were designed for injection molded parts but they work fabulously for 3D printed plastic as well.

You could use a plain soldering iron to try to heat-press these in – Heat up the iron and use it to press the insert in, wait for it to cool, then use like a hex nut that's embedded inside the plastic. [We strongly recommend our heat-set insert tool for soldering irons](#) because it's really hard to insert them straight otherwise and you risk damaging your print!

[Check out this video from Noe & Pedro that shows you how to do it](#)

Comes as a 50 pack of M3-threaded inserts that are 4mm long.



<https://www.adafruit.com/product/4255/6-12-19>