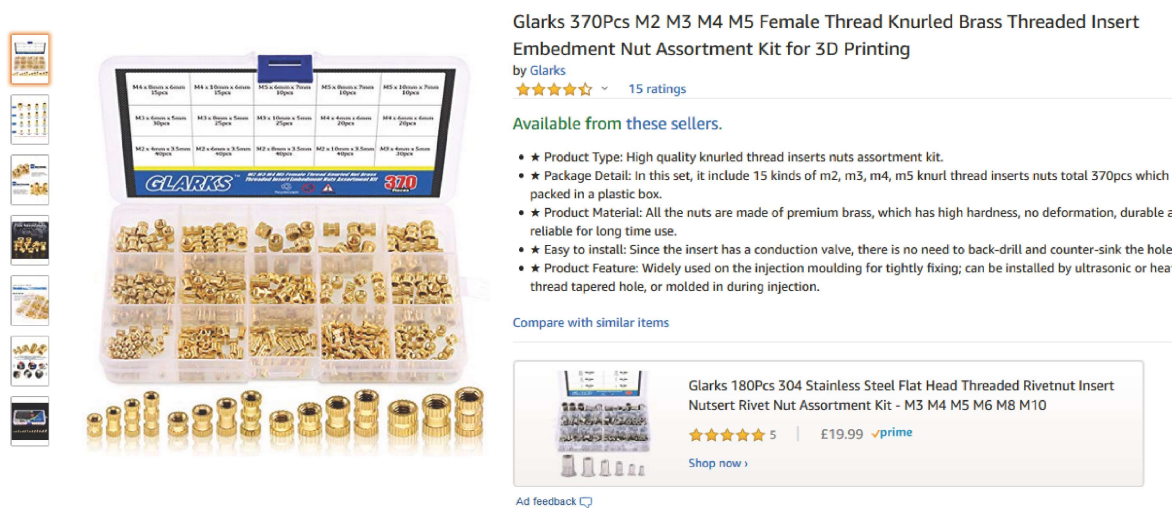


3D POTM

March 2020

Threaded Inserts

A fiver to our friends in the east, or about a tenner from Amazon brings this little collection of threaded inserts:



Glarks 370Pcs M2 M3 M4 M5 Female Thread Knurled Brass Threaded Insert Embedment Nut Assortment Kit for 3D Printing
by Glarks
★★★★☆ 15 ratings

Available from these sellers.

- ★ Product Type: High quality knurled thread inserts nuts assortment kit.
- ★ Package Detail: In this set, it include 15 kinds of m2, m3, m4, m5 knurl thread inserts nuts total 370pcs which packed in a plastic box.
- ★ Product Material: All the nuts are made of premium brass, which has high hardness, no deformation, durable & reliable for long time use.
- ★ Easy to install: Since the insert has a conduction valve, there is no need to back-drill and counter-sink the hole
- ★ Product Feature: Widely used on the injection moulding for tightly fixing; can be installed by ultrasonic or heat thread tapered hole, or molded in during injection.

Compare with similar items

Glarks 180Pcs 304 Stainless Steel Flat Head Threaded Rivetnut Insert Nutsert Rivet Nut Assortment Kit - M3 M4 M5 M6 M8 M10
★★★★★ 5 | £19.99 ✓prime
[Shop now >](#)

Ad feedback

They are allegedly made ‘of premium brass’, but yet somehow they stick magnetically to my screwdriver, Ah well.

These can be inserted into 3D Prints to allow prints to be assembled to each other or to other things, like servos, tortoise motors, etc etc.

Once a void is left in the 3D print, the inserts are inserted into the 3D print in a number of ways,

They can be pressed in to the plastic using a bench vice or a pair of ‘Knippex’ pliers. The important thing is that the pressure is applied in a parallel motion.

They can be drifted into a pre-prepared void using a hammer and a punch (I have successfully used a big nail as a punch, these don’t need a hardened drift.)

Finally, a soldering iron can be used to preheat the insert for a few minutes and then to gently press the insert into a void in the 3D printed part. An old soldering iron is used ‘clean’, without tinning, as tinning would stick to the ‘brass’ surface of the insert.

Outwith the world of 3D prints, any plastic part could be modified by drilling a wee hole or even melting a small hole with a soldering iron and then inserting an insert to take a small screw.

As ever if you have ideas to use or improve things, let us know.

Chic