

Plating on easily nesting parts

ERG offers plating on easily nesting parts to meet the needs of customers.

Nesting of parts

Some parts tend to nest with each other while barrel plating because of the shape of the parts. Nesting, or even unnesting while processing, will result in plating deficiency at nested area, such as no plating, dull plating, or nested trace.

To solve the problem mentioned above, ERG developed a process called basket plating which is possible to keep parts from nesting or tangling.

Features

Compared with barrel plating, basket plating has following advantages:

■ Barrel plating

Application : Large mass production for small parts or unrackable parts.

Process : Place parts inside a barrel, and rotates barrel to cause parts to tumble while plating.

As to easily nesting parts :

- Parts tumble and tend to nest with each other during barrel plating production.
(ERG is trying to improve barrel parameters like barrel shape, rotation speed to reduce this nesting problem.)
- It may be necessary to take nested parts out of barrel, and unnest them manually.
More labor and time are required.
Bigger burden to plating operators } not acceptable economically.

■ Basket plating

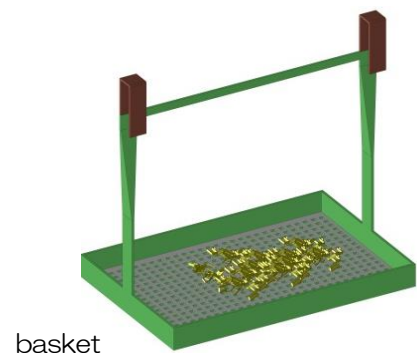
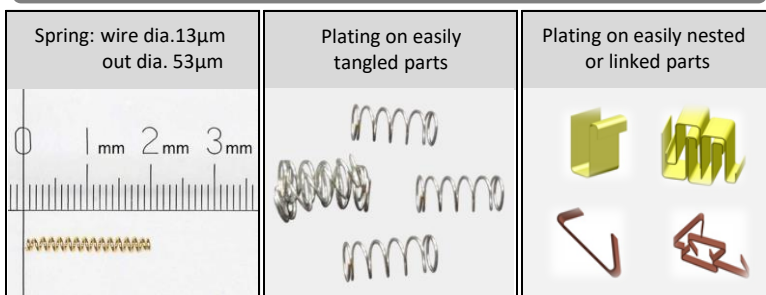
Application : Suitable for parts which are tangling, nesting, or distorting while barrel plating process.

Process : Pack parts on basket, then shake the basket, like japanese paper-making process, make parts tumble to keep them from nesting, or unnest parts being nested while processing.

As to easily nesting parts :

- Pack and spread parts on basket without overlap.
- Shake the basket to tumble parts frequently so as to reduce this nesting problem.
- Optimize shaking conditions to continue improving plating quality.

Track of basket plating



Responsible for plating

- Nickel
- Copper
- Contact us for any of your plating needs.

250-6, Uda Tomioka-city
Gunma 370-2451 Japan
TEL +81-274-62-2421
FAX +81-274-64-2379

<http://www.k-erg.co.jp/english>

ERG plating



ERGCO.,LTD.



Home
page



Twitter



Instagram