

# Plating on easily entangling parts

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

## Entangling parts

Some parts tend to become entangled while barrel plating because of the shape of the parts. Entangling, or even unentangling while processing, will result in plating deficiency at entangling area, such as no plating, dull plating, or entangling mark.

To keep parts from entangling while plating process, ERG developed own basket plating and barrel plating processes by improving operation conditions.

## Features

Some flat parts are easily entangling during processing, which leads to missing plating or entangling trace. ERG offers own basket and barrel plating processes to eliminate the defects.

### ■ Barrel plating

Application Large mass production for small parts or unrackable parts.

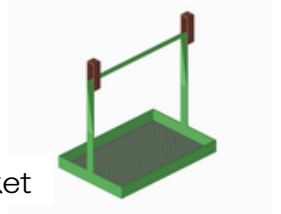
Process Mass quantities of parts are placed in a slowly rotating container termed barrel, the parts tumble together as the barrel turns which helps to produce a relatively uniform finish.

Some parts are not ideal in a barrel due to the parts become entangled during processing, which leads to missing plating or uneven plating thicknesses. ERG developed a number of solutions such as optimization of barrel shape, rotation speed, dangler, etc. to reduce this entangling problem.

### ■ Basket plating

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

Process Pack and spread parts on basket without overlap, then shake the basket, so that parts tumble properly but will not become entangled. Furthermore, by optimizing shaking, current and other operation conditions, we can eliminate this entangling problem.



Basket

## Samples

Flat or L-shaped parts tend to become entangled so as to be difficult to separate during processing, which leads to missing plating. ERG established the original basket plating technology to eliminate the defect.

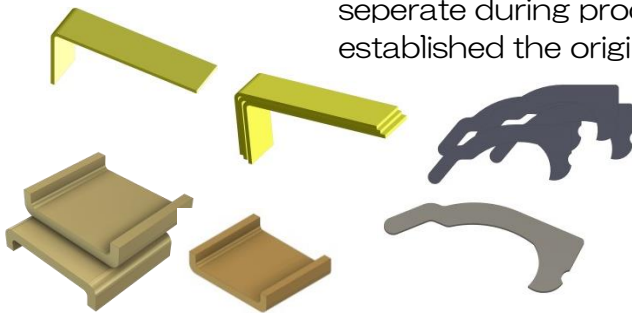


Plate thickness (t)	0.05mm or so
Material	Copper, iron & steel, etc.
Track	500,000pic./day or so

## Responsible for plating

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

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