

Plating on blind hole

ERG provides electroplating processes on blind hole parts to meet the needs of ERG's customers.

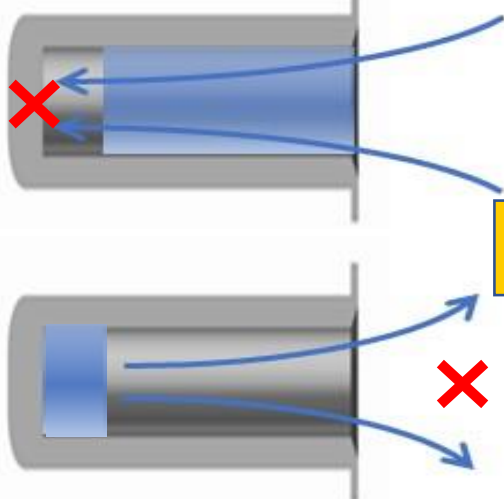
Features

"Blind hole" means a hole that does not extend completely through the wall. Generally it is difficult to plate inside hole because blind hole can not be treated well, and this will result in no plating, tarnishing, or other problems inside. ERG developed own know-how to solve the problem, and get a good plating to the total depth. Now ERG runs a special blind hole production line to plate various blind hole parts.

Plating blind hole

Blind hole

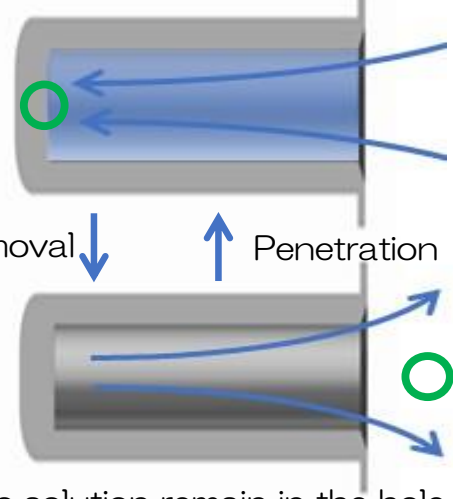
As to plating blind hole, it is difficult to get solution into the bottom of hole



solution remain in the hole

Getting solution into the bottom of hole, and removing remain solution from the hole are both difficult.
⇒ unplating or other troubles may occur due to remain solution or lack of treatment.

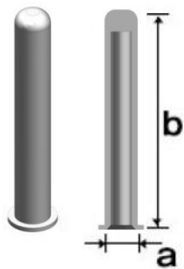
By ERG's plating process, solution can penetrate bottom of the hole completely.



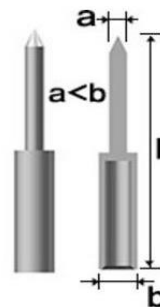
no solution remain in the hole

By ERG's special process, the remain solution in the hole can be completely replaced with new solution
⇒ Blind hole can be treated well without any problems.

ERG can plate such blind hole



The inside of the blind holes can be plated even aspect ratio (a:b) reaches 1:10.



When $a < b$, the tip of pin may get into the count blind hole during processing, which leads to missing plating. ERG developed own plating process to solve the problem.

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