



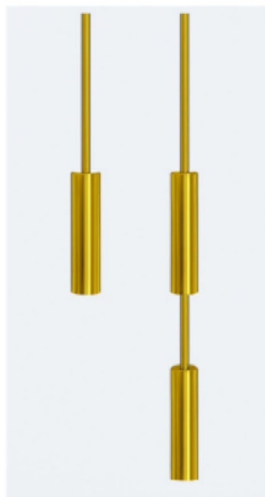
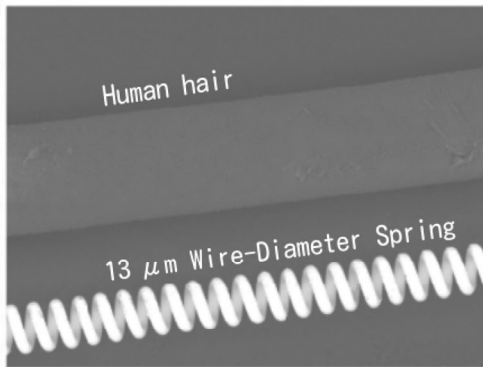
# Plating on Complex Geometries

Through our surface treatment technology and results, Create new values.



## What Are Complex Geometries?

Components with recessed holes known as “blind holes,” parts that tend to stick or entangle during processing, and ultra-fine structures that are difficult to distinguish with the naked eye—these are considered “complex geometry materials” that pose challenges for plating. At ERG, we apply proprietary plating techniques, including mesh-assisted plating, to reliably process such difficult shapes.



### Precision Plating for Microstructures

We apply uniform, high-quality plating even to ultra-fine springs with a wire diameter of just 13 μm. Microstructure plating is essential in high-precision fields. ERG specializes in stable coating performance across all shapes and sizes.



### Turning “Unreachable” Into Reachable

Blind-hole structures are difficult to plate due to limited solution access. ERG handles aspect ratios up to 1:10 with proprietary methods for uniform internal coating. We deliver consistent plating quality even for micro and complex shapes.



### No Unplated Areas—Even in Tight Fits

Overlapping flat parts, adhesion marks, and U- or V-shaped joints often cause unplated areas. ERG prevents this by optimizing plating conditions for each geometry.



We ensure stable quality and high yield.

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