

# Plating and Surface Treatment

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

At ERG, we respond to customer needs by offering a wide range of plating options and specialized surface treatments.



## Plating Types and Methods

Plating Type		Rack	Barrel	Mesh
Cu	Cyanide Copper	○	○	○
	Pyrophosphate Copper	-	○	-
Ni	Matte	-	○	-
	Semi-bright	○	○	○
	Bright	○	○	○
Ag	Bright	○	○	○
Au	Hard Gold	○	○	○
	Au-Ni Alloy	-	○	○
Rh	Rhodium	-	○	-
Pd	Pd-Ni Alloy	-	○	-
Sn	Semi-bright	○	○	○
	Bright	○	○	○
Ni-P	Low-P	-	-	○
	Medium-P	○	-	○
	High-P	-	○	-

## Polishing & Special Treatments

Polishing	<ul style="list-style-type: none"> <li>• Barrel Polishing (Centrifugal/Vibratory/Rotational)</li> <li>• Buffing</li> </ul>
Special Treatment	<ul style="list-style-type: none"> <li>• Degreasing</li> <li>• Chemical Polishing</li> <li>• Heat Treatment (Precipitation Hardening of Beryllium Copper)</li> </ul>

## Others

We may be able to accommodate plating types or processes not listed. Please feel free to contact us for more information.



## Supported Materials

Fe, Fe-C, SUS, Al, Zn-Al (Zinc Die-Cast Alloy), Ti  
 Brass (Cu-Zn), Cu-Be, Cu-P, Nickel Silver, W (Tungsten),  
 Fe-Cu / Fe-Ni Sintered Alloys (various compositions,  
 Kovar / Fe-Ni-Co Low Expansion Alloy for Glass-Metal Sealing

## Product Size

We specialize in plating micro components with a length of 30 mm or less. For more details, please refer to our technical information page.



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