TECHNICAL SHEET





Materials

Joongwon Etching Point has expertise in various metal types in addition to stainless steel.







Carbon Steels



Copper Alloy



Aluminum



Nickel Alloy



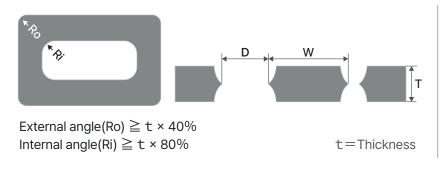
Kovar

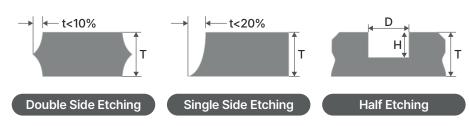


Tolerance

The general tolerance for chemical etching is taken into account about +/- 10% of the thickness of the product.

Thickness(T)	Minimum D Size	Actual Minimum D Size	Actual Minimum W Size	D, W Tolerance
10μm 20μm	Subject to Testing	Subject to Testing	≒ 0.5	Subject to Testing
50µm				Abt.±0.25t
125μm	≒ 0.7t	≒ 0.8t		
175μm				Abt. ±0.16t
300µm 2000µm				







Bridge

In chemical etching, a bridge is a kind of dynamics that connects a product to a frame. The shape of the bridge can be customized in various ways according to the customer's needs.





