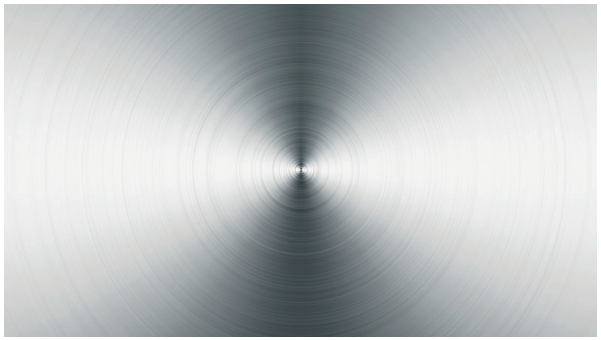
TECHNICAL SHEET

JOONGWON etching point

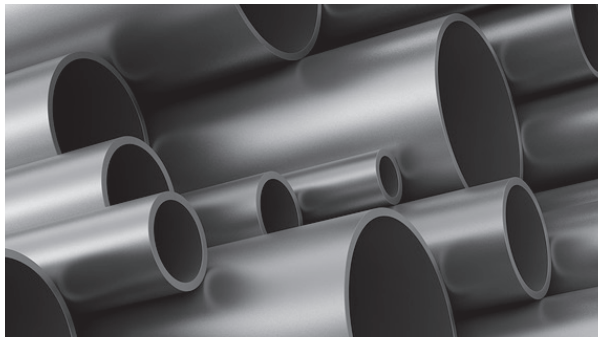
소재

Materials

중원 에칭포인트는 Stainless steels (스테인리스강) 외 다양한 금속에 대한 가공 노하우를 보유하고 있습니다.

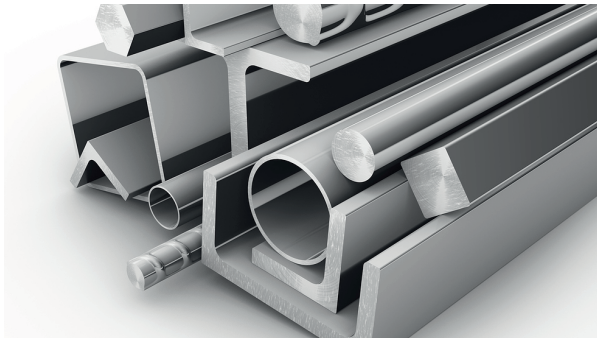


Stainless steels
스테인리스강

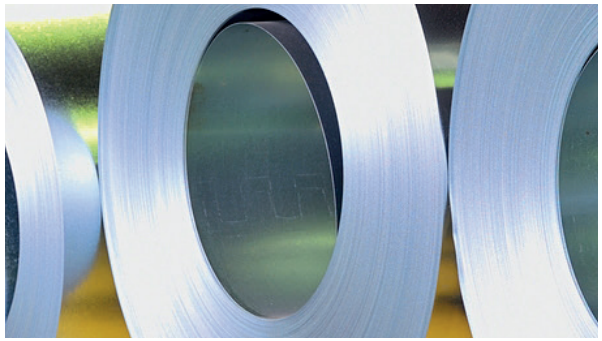


Carbon Steels
탄소강

Copper Alloy
구리 합금



Aluminum
알루미늄



Nickel Alloy
니켈합금

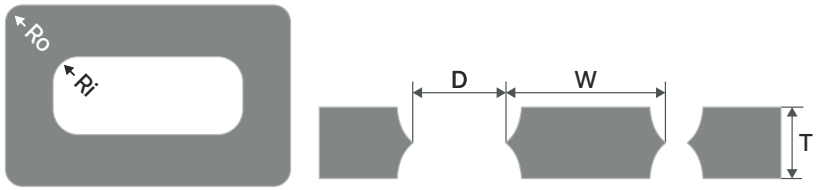
Kovar
코바르

공차

Tolerance

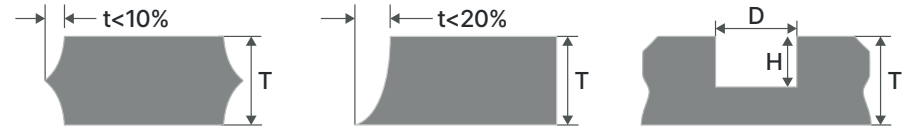
케미컬 에칭의 일반적인 공차는 제품 두께의 +/- 10% 수준을 감안하고 있습니다.

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				



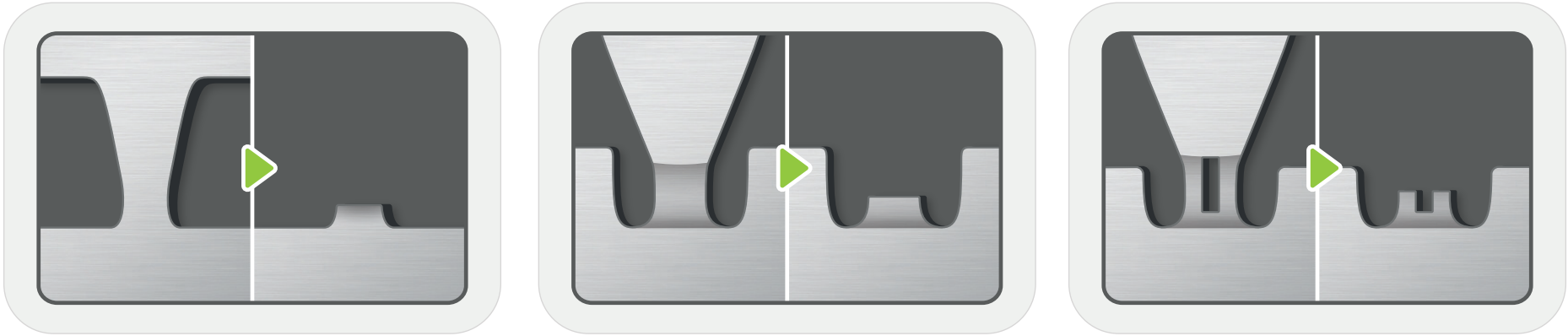
외각(External angle)(Ro) ≧ t × 40%
내각(Internal angle)(Ri) ≧ t × 80%

t=판두께(Thickness)



Double Side Etching | Single Side Etching | Half Etching

브릿지

Bridge

케미컬 에칭에서의 브릿지는 제품과 프레임을 연결하는 역할을 합니다.
브릿지의 형상은 고객의 요구에 따라 다양하게 커스터마이징이 가능합니다.