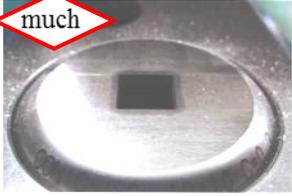
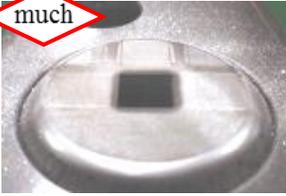


Aluminum can be processed by using Air Blow.

While this punch press tool is extremely excellent in wear resistance, the surface roughness of cutting edge side is a little rough compared with the uncoated punch, so there was a case that adhesion under aluminum processing conditions was worried. By using Air Blow, the generation of powder that is the source of adhesion was at the same level as the uncoated punch at the punch edge.

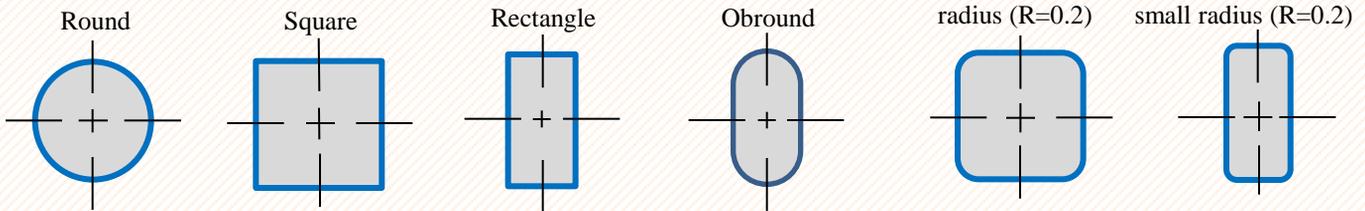
	Trial Tool A	Trial Tool B	Trial Tool C
Specification Of Cutting Edge	Standard (Uncoated)	Super Dry Punch	Super Dry Punch
Air Blow	Unuse	Unuse	Use
Powder is generated on cutting edge.	little 	much 	little 
Powder is generated on guide	normal 	normal 	little 
Powder is generated on upper surface of die and die holder.	much 	much 	little 

【Trial Conditions】

- Punch Press Tool: Thick turret tooling 1-1/4 " (Bst) High Speed Steel (HSS) SDP Square 10×10 C=0.2
- Sheet metal: Aluminum #5052 t=2.0
- Number of Hits: 18.744 punching in total
- Machine: AMADA EM2510-NT

Super Dry Punch is available with also Square and Rectangle punch which have small radius (R=0.2).

《Corresponding Shapes》



*R10 or less
 Please contact us when radius is over 10.

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