

## Rectangular Box Deep Drawing Press Processing



1. The **rectangular box case** is made from a single sheet using deep drawing press processing technology.
2. The materials used are aluminum, stainless steel, and nickel-plated steel sheets, etc.
3. Currently compatible with depths up to 125mm.
4. In future, compatibility with even deeper rectangular box cases is expected.  
Consult us about your needs!  
We are waiting to hear from you.



**All-in-one formation for rectangular box cases up to 125h using press processing!**

Item	Description
Processing Method	The square cup case is made from a single sheet using deep drawing press processing technology.
Materials	The fabrication materials include aluminum, stainless steel, and nickel-plated steel sheets, etc.
Material Selection	Basically, materials compatible with general-use products.
Depth Limit	With existing equipment there is a limit of 125mm, but we are currently examining new equipment, and are considering compatibility with future rectangular box cases with deeper drawing, so please tell us your desired depth.
What Is the Relationship between the Bottom and Side Sheet Thicknesses?	The bottom sheet thickness is 100%, whereas the side sheet thickness is 80%.
Smallest Possible Corner Radius	Using the actual measured values from the prototype with 1.5-mm thick aluminum, the internal radius was 4.1mm and the external radius was 5.3mm. There is a prospect of further reduction with depending on materials and product size.
Formation Accuracy	Usually within $\pm 0.05\text{mm}$ , but we have successfully produced items with a tolerance width as small as 0.05mm.