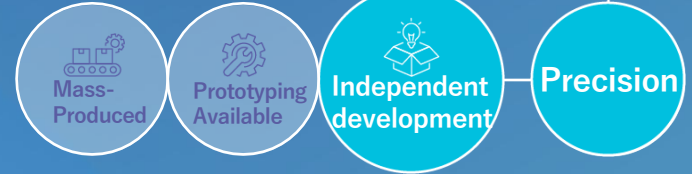


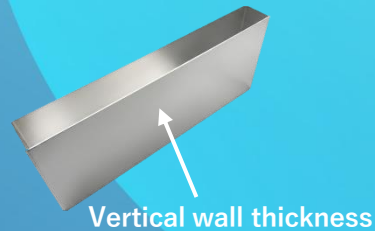
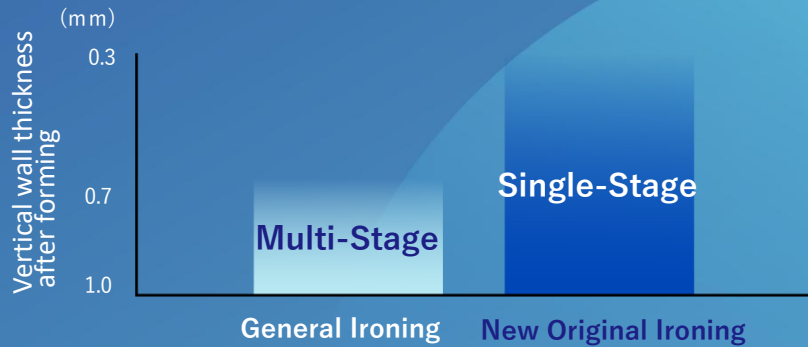
Lightweight, High-capacity Prismatic Battery Cell Case



Product Features

- Weight reduction and capacity improvement by thinning the vertical wall thickness (0.3mm~)
- Cost reduction by reducing the number of ironing processes

| Process | Process Overview | | | |
|------------------|------------------|---------------------|-----|----------------------|
| General Supplier | Blank | Drawing Multi-Stage | Cut | Ironing Multi-Stage |
| UNIPRES | | | | Ironing Single-Stage |



Ironing process : Ensuring accuracy of the opening

Product Technology

- New original ironing process
- Independent vertical wall thickness control in each of the width and length directions

Applicable Materials

Aluminum (3000 Series)

Prototypes Formed by Our New Original Ironing Process
(Blank Thickness : 1.0mm)

| Prototype | Width direction cross-section | Length direction cross-section |
|--|-------------------------------|--------------------------------|
| Aiming for variable thickness Width : 0.8mm Length : 0.69mm | Thickness : 0.8mm | Thickness : 0.69mm |
| Aiming for uniform thickness Average thickness of 0.8mm all around | Thickness : 0.79mm | Thickness : 0.82mm |