

Thickness increase/decrease method for material minimization

■ Production

□ Prototype

□ Development



■ Product Features

【Cost : Compared to our company ▲25%】

- Cost reduction by using thinner materials
- Material thickness of parts with Can be made as thin as possible

『 Conventional method 』

Thick Plate

Material

t3.5

Product shape

Press molding

There is a lot of excess material

■ Product technology

- Press forming of thin plates with high precision while increasing and decreasing thickness

Maximum thickness increase: 26 % UP

Maximum thickness reduction: 30 % DOWN

『 Increase/decrease thickness method 』

Thin plate

material

t2.8

Product shape

Press molding

Minimizing excess

26%UP
Thickness
increased
area

30%DOWN
Thinning
reduction
area