

Conventional method

Forging + Cutting

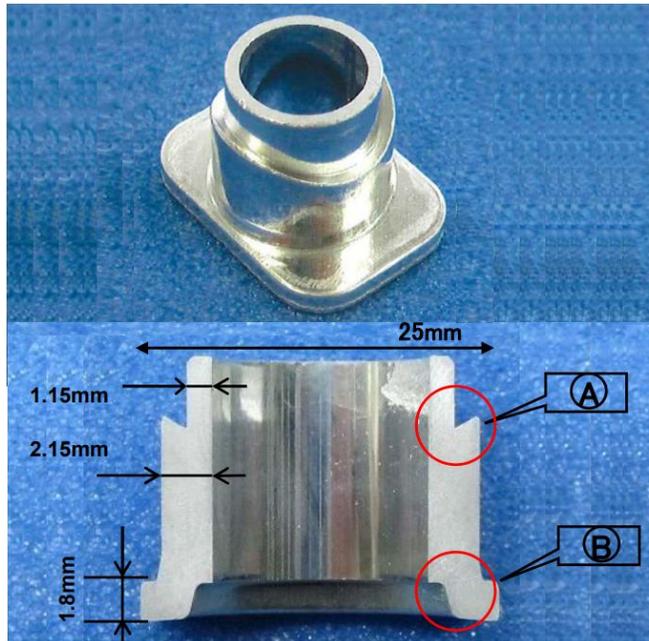


Customer challenges

- Cost savings
- Increase productivity
- Quality improvement

Cold forging progressive stamping using coiled material

Achieved **25%** cost reduction and overcame the complex cutting issue with precision 3D molding technology!



KIYA's Technology / Advantages

- **Various thickness and shapes** are made possible by Kiyas cold forging progressive die method.
- **(A) Difficult cutting process like the 3D mold shape can be accurately formed.**
- **(B) Using metal thickness control, Groove shape and chamfering can be accurately formed.**

Component information

Material: A3003
 Thickness: -
 Purpose: Automotive air conditioner, Condenser parts
 Process / Number of cavities:
 Progressive processing / 3 cavity