

Conventional method

General stamping
+ Groove shape cutting



Customer challenges

- Cost saving
- Maximize production
- Lower the defect ratio

Cold forging progressive stamping using coiled material

30% cost reduction and increase in productivity,
Achieved **50%** increase in surface accuracy in the groove area.



KIYA's Technology / Advantages

- Increase in production volume and **30% cost reduction** were made possible by process conversion.
- **Cutting burr defect rate decreased dramatically** by using automated stamping.
- **(A) Groove surface roughness is below Rz12.5, which is 50% improvement from the conventional cutting product.**

Component information

Material: A3003
 Thickness: t4.5mm
 Purpose: Oil cooler parts
 Process / Number of cavities: Progressive processing / 1 cavity