

Conventional method

Die cast + Cutting

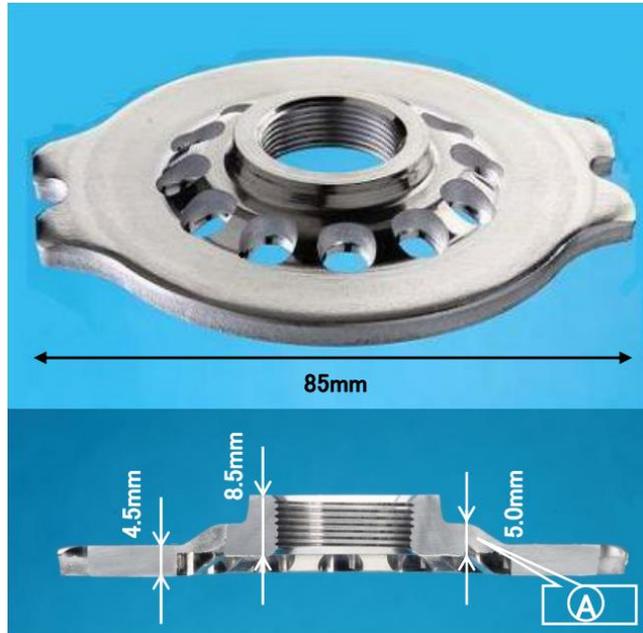


Customer challenges

- Cost saving
- Quality stabilization
- Enhance strength

Cold forging progressive stamping using coiled material

Achieved **25%** cost reduction and successfully made **8.5mm** high cylinder shape molding out from **t4.5mm** metal thickness.



KIYA's Technology / Advantages

- Changing from conventional method, KIYA has successfully **reduced cost by 25%**.
- Productivity has increased dramatically by using **transfer process**.
- **(A) Where the thickness decreases in slopes for general stamping, KIYA have secured constant thickness by using Flow Control Forming (FCF) method.**

Component information

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