

Conventional method

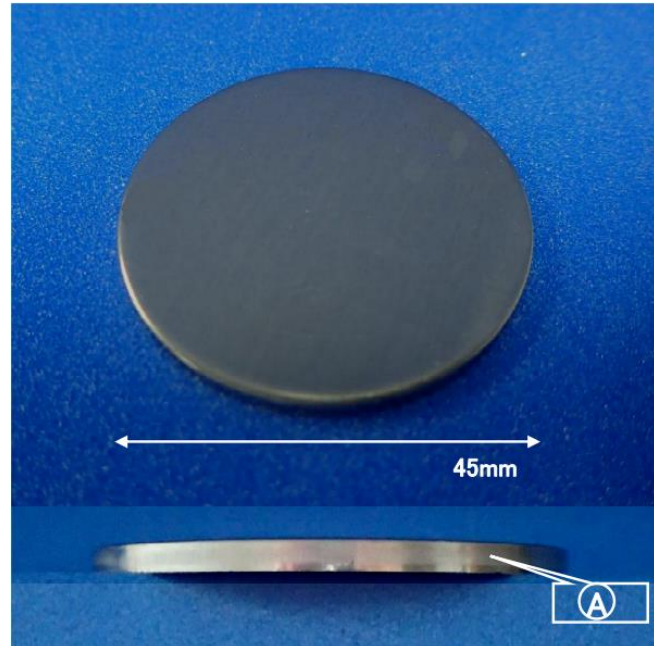
General stamping +
Outer peripheral cutting

Customer challenges

- Cost saving
- Maximize production
- Lower the defect ratio

Cold forging progressive stamping using coiled material

Achieved **27%** cost reduction, productivity increase,
with shear face roughness below **Ra0.4 μ m!**



KIYA's Technology / Advantages

- Successfully managed to **cut 27% of cost** from the conventional method of general stamping + outer peripheral cutting.
- Productivity has also increased dramatically by using progressive process (10 cavities).
- **(A) Secured shear face roughness of below Ra0.4 μ m.**

Component information

Material: SCM415
 Thickness: t2.85mm
 Purpose: Engine part
 Process / Number of cavities: Progressive processing / 10 cavities