

Conventional method

Fine Blanking process

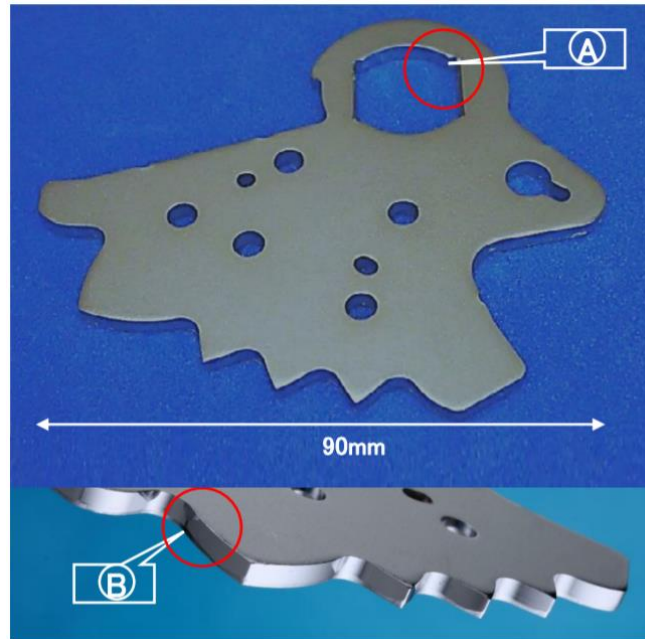


Customer challenges

- Reduce cost
- Maximise productivity
- Quality stabilization

Cold forging progressive stamping using coiled material

Achieved both **10%** cost reduction plus higher productivity with shear plane surface roughness **below Ra1.6 μ m** !



KIYA's Technology / Advantages

- **10% cost reductions** and higher productivity have been achieved by conversion to Kiya's CFP process.
- **A** Achieved minimum process for shear droop and burrs, with **shear droop volume of 0.04mm**.
- **B** Secured **close to 100% clear cut shear surface with shear plane surface roughness below Ra 1.6 μ m**.

Component information

Material: SPFH590
 Thickness: t3.2mm
 Purpose: Transmission parts
 Process / Number of cavities: Progressive processing / 2 cavity