

Conventional method

Die cast + Cutting

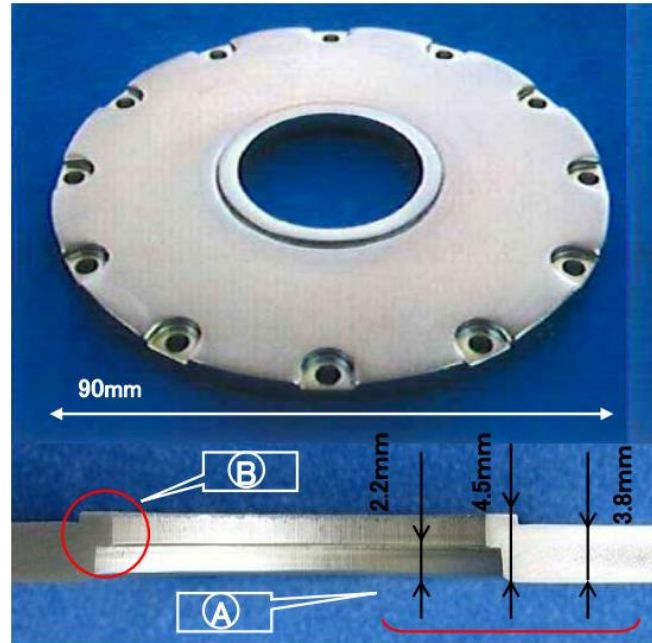


Customer challenges

- Cost saving
- Reduce size and weight
- Enhance strength

Cold forging progressive stamping using coiled material

Achieved **20%** cost reduction and **22%** weight reduction
 Product strength level enhancement accomplished vs die cast !



KIYA's Technology / Advantages

- Using press molding, **the strength has improved dramatically compared to the conventional die cast method.**
- **(A) Thickness control processing was achieved with KIYA's new process method.**
- **(B) Hole vertical wall; groove formation's surface accuracy below 0.05, perpendicularity below 0.05.**

Component information

Material: SAPH400
 Thickness: t3.8mm
 Purpose: reclining seat damper component
 Process / Number of cavities: Progressive processing / 2 cavity