

Conventional method

General stamping
+ Cutting

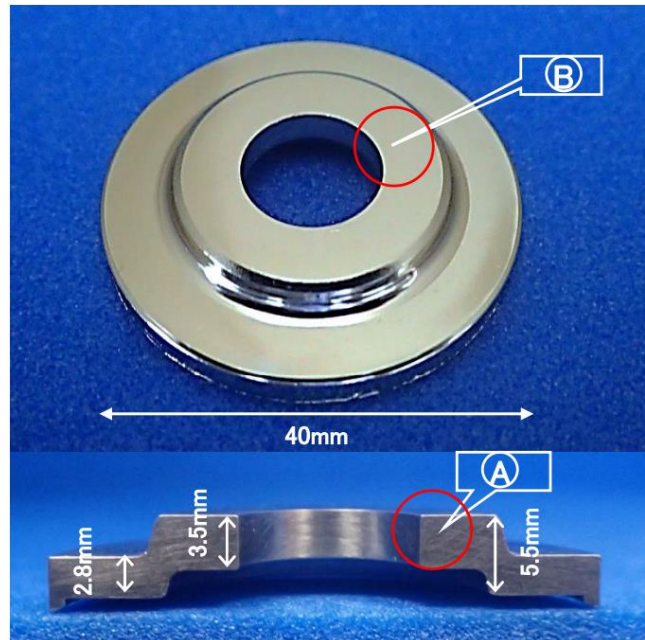


Customer challenges

- Cost saving
- Enhance strength
- Quality stabilization

Cold forging progressive stamping using coiled material

35% cost reduction and productivity increase. Strength level have increased dramatically compared to general stamping products !



KIYA's Technology / Advantages

- From changing process method conversion, KIYA have managed **35% cost reduction** and increase in productivity level.
- (A) Using Flow Control Forming (FCF) method, our product's **strength have increased dramatically compared to the conventional product.**
- (B) Managed to secure, **internal /external diameter's concentricity of below 0.005, and flatness below 0.05.**

Component information

Material thickness: SPFH540
 Thickness: t3.2mm
 Purpose: Suspension component
 Process / Number of cavities: Progressive processing / 2 cavity