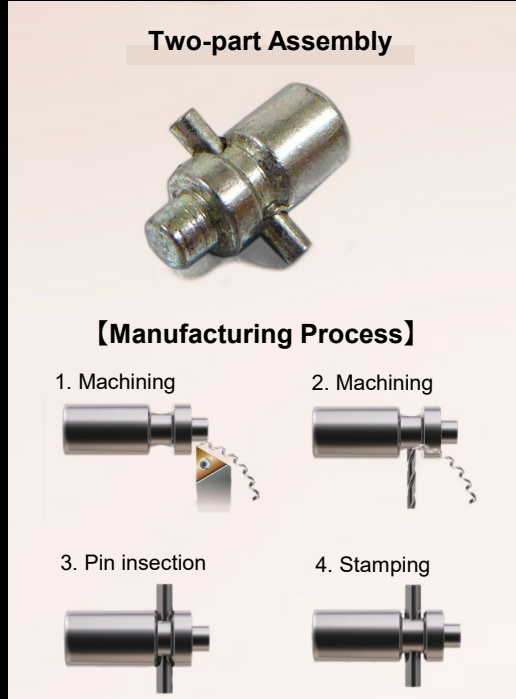


## CASE6. Cost reduction

- Cost and lead-time reduction through elimination of machining steps and mono-component process

### BEFORE (Original Design)



This part was originally manufactured in a multi-step process, which led to cost and lead-time problems.



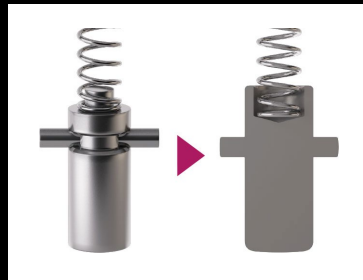
#### User Needs

I want to reduce costs for this product !

### VAE PROPOSAL



Simultaneously propose a new shape for the hole that holds the spring.



### AFTER (Results)



Parts cost :

**30% Reduction**

Lead-time :

**50% Reduction**