

## SPACER

We propose a high range of technical and large-dimension spacers produced in cold forging.

We can integrate additional customized features to meet all your specific needs.

Our solutions are particularly suitable for electrified vehicles, to meet the need of local structure reinforcement linked to the global vehicle weight increase.

### ≡ Advantages :

- ✓ Complex design possible
- ✓ Net shape = less scrap & high-speed production
- ✓ Additional function such as threading, welding, crimping, anti-slip, sealing
- ✓ Safety-critical parts



### Dimensions

external diameter up to  
length up to

55 mm  
130 mm

### Applications:

Front & rear cradle, axle and subframe.

Anti-creep & specific applications.

Highly relevance for EVs (heavier vehicles = higher mechanical loads)



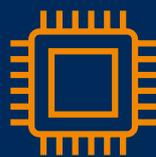
# SPACER



**COLD FORGING**  
Until 6 stations & 650 tons



Internal **HEAT TREATMENT**



**DESIGN-TO-COST** approach  
**SIMULATION** Capability



**100% HIGH-SPEED**  
**QUALITY CONTROL**

**More than 15 millions**  
**parts produced in 2025**