

Cold 1.5 GPa Steel Pressed Parts

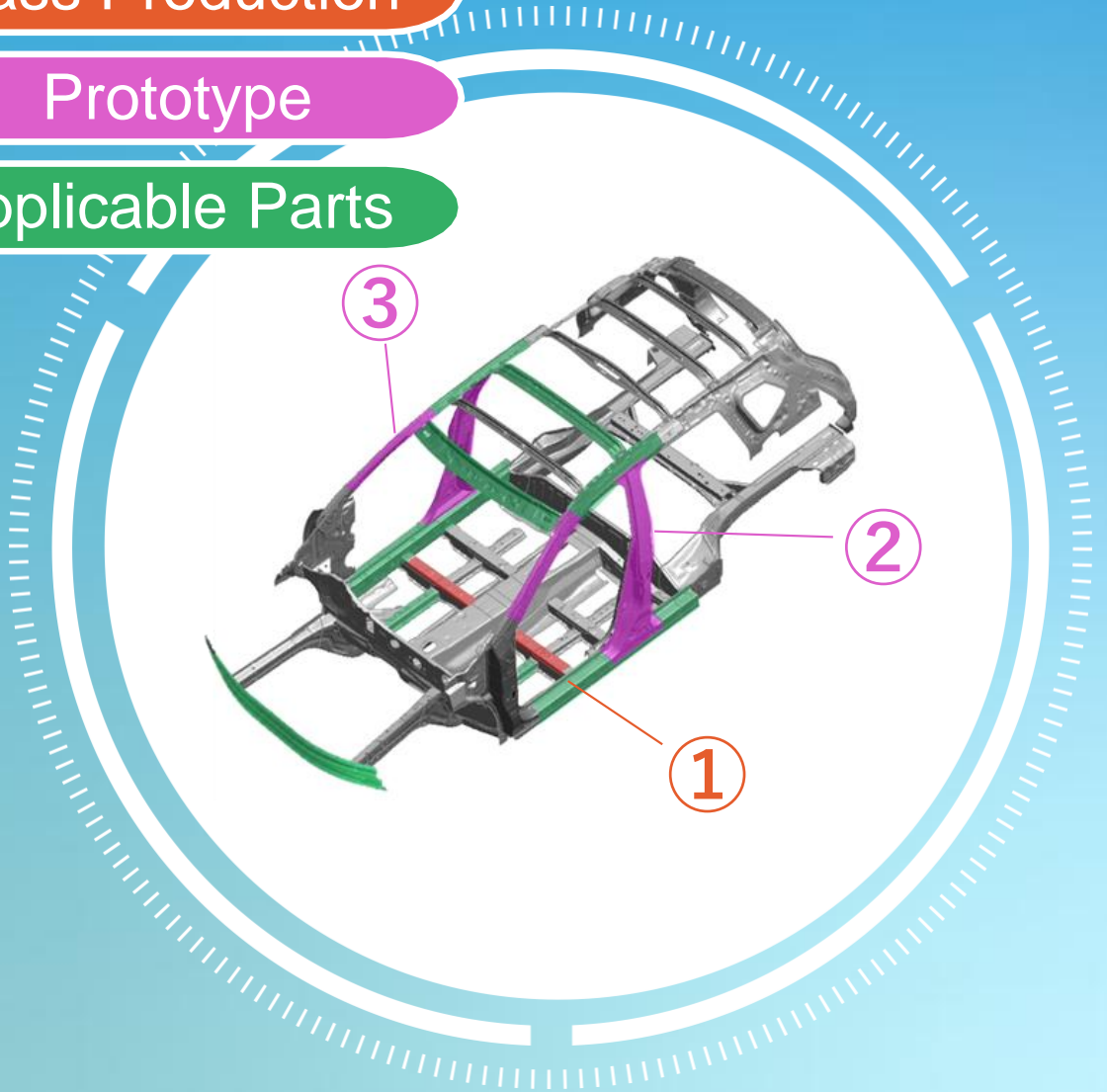
- Mass-Produced
- Prototyping Available
- Independent development

Body

Expanding Application Areas

- By leveraging our high-tensile forming technology, we have expanded the range of applicable parts. (Enables weight reduction through down-gauging compared to conventional materials.)
- Our unique prediction methods allow us to implement countermeasures against delayed fractures in advance.

- Mass Production
- Prototype
- Applicable Parts



① Mass Production

2nd Crossmember Reinforcement

② Prototype I

Allows for greater design freedom using deep drawing techniques.

Center Pillar

Cold 1.2 GPa steel
 ▲0.8 kg / parts
 Cold 1.5 GPa steel
 High-ductility 980 MPa steel

③ Prototype II

Can handle springback issues, including twisting and camber.

Front Pillar Outer

Cold 1.2 GPa steel
 ▲0.4 kg / parts
 Cold 1.5 GPa steel

Other Applicable Parts Front Bumper Reinforcement, Roof Rail Center, Extension Front Side Member, Side Sill, Door Guard Bar, etc.



Pressing Toward a Brighter Tomorrow