

# Technology to Improve with Cracking of Ultra High-Tensile Strength Steel Sheet by Stretch Flanging: In-Plane Excess Metal Strain dispersion Technology

**Effect**

Improving Stretch Flanging Flangibility of Arms and Frames  
 • Strengthening and weight reduction of parts by adopting ultra high-tensile strength steel sheets

**progress**

1. Under Development    **2. Development Completed**    3. Commercialized

**Points**

Stretch deformation is dispersed by adding in-plane excess metal at the blank to improve the stretch flanging

Sheet Parts have many Stretch Flanging area

