



Constellium HSA6™ Aluminum Alloys

Constellium HSA6™ is a new generation of high-strength alloys for crash management systems (CMS) and fabricated extruded parts for automotive structures and chassis components. HSA6™ is the highest strength 6000-series alloy available for these applications, and Constellium's CMS technology provides enhanced structural protection in the event of a collision, allowing automakers to meet high-energy absorption requirements within reduced design spaces.

Category:
**Enabling
Technology**

Application:
2017 Compact Crossover Vehicle

Weight Savings:
15-30%
lighter than conventional
6000-series aluminum alloys

Methodology:
Material Optimization

Presented in partnership with:



Supported by:

