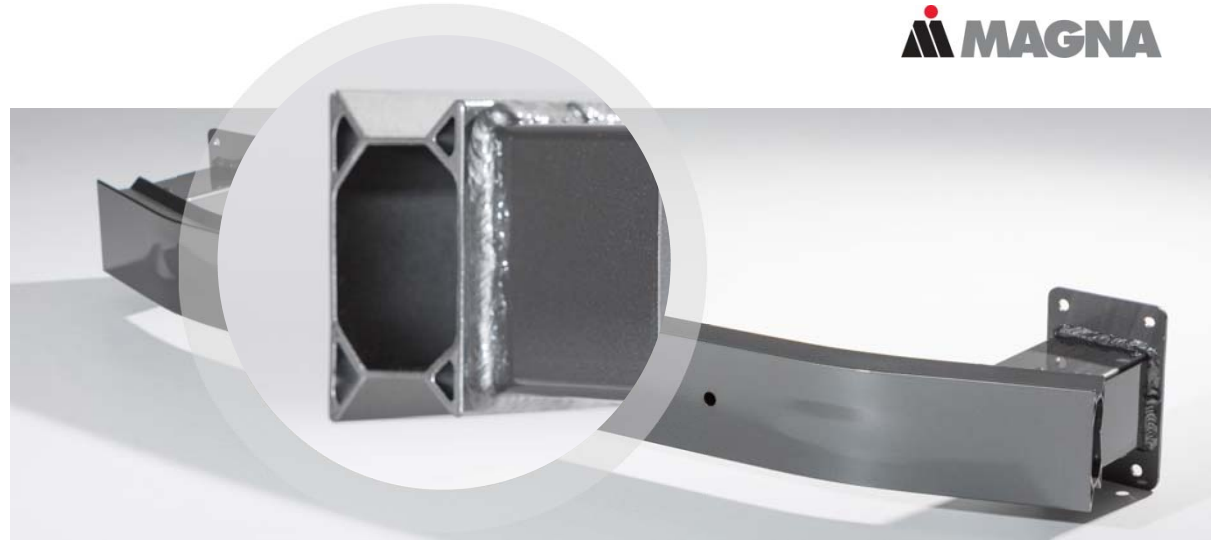


5-Cell Bumper

Cosma offers bumper beam design solutions and multi-technology manufacturing processes that include stamping, roll forming, hydroforming, hot stamping and extruding. The 5-Cell bumper showcases a patent pending five cell innovation design that allows for improved crash performance & reduced packing environment



Safer



Lighter



Patented

Competitive advantage/differentiators

- The multi-void cross section has better stability and performance than other traditional aluminum sections
- 15% lighter than traditional aluminum sections
- Efficient cross section meets performance criteria even when designed in tight packaging environment

Applications

- Chrysler 300
- Chrysler Pacifica
- Fiat 500
- Dodge Charger
- Dodge Journey
- Jeep Grand Cherokee

SOP

Ideation

Discovery

Concept

Development

Series Preparation

in Production