✓ Production ✓ Prototype ✓ Development

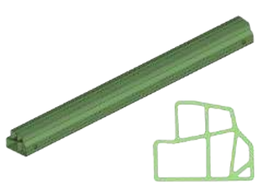
EA SIDE SILL Structure for BEV (Type I)

Steel alternative for aluminum side sill reinforcement – same performance, weight & lower costs

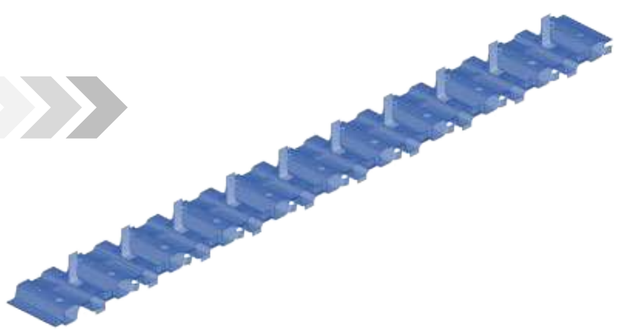
Patented

Replacing Aluminum Extrusions with Steel

Aluminum Extrusion



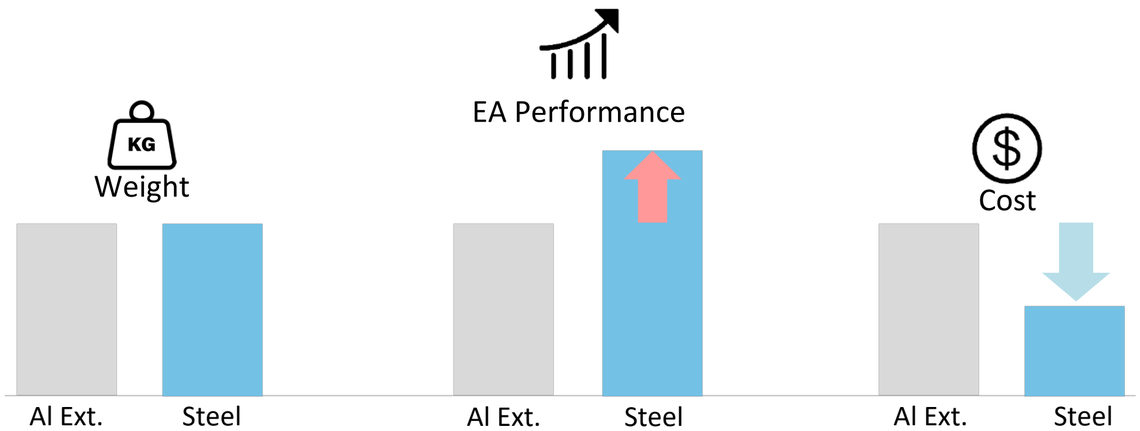
Steel stamped Parts



Efficiency

Same weight, lower cost than aluminum extrusions for better performance

Aluminum: “Low strength x Bending”
Steel: “High strength x Axial Load” – Same performance, same weight



Body structure component for BEV pole impact without dissimilar material joining

Optimized geometry controls deformation and crack growth to sustain high load performance

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