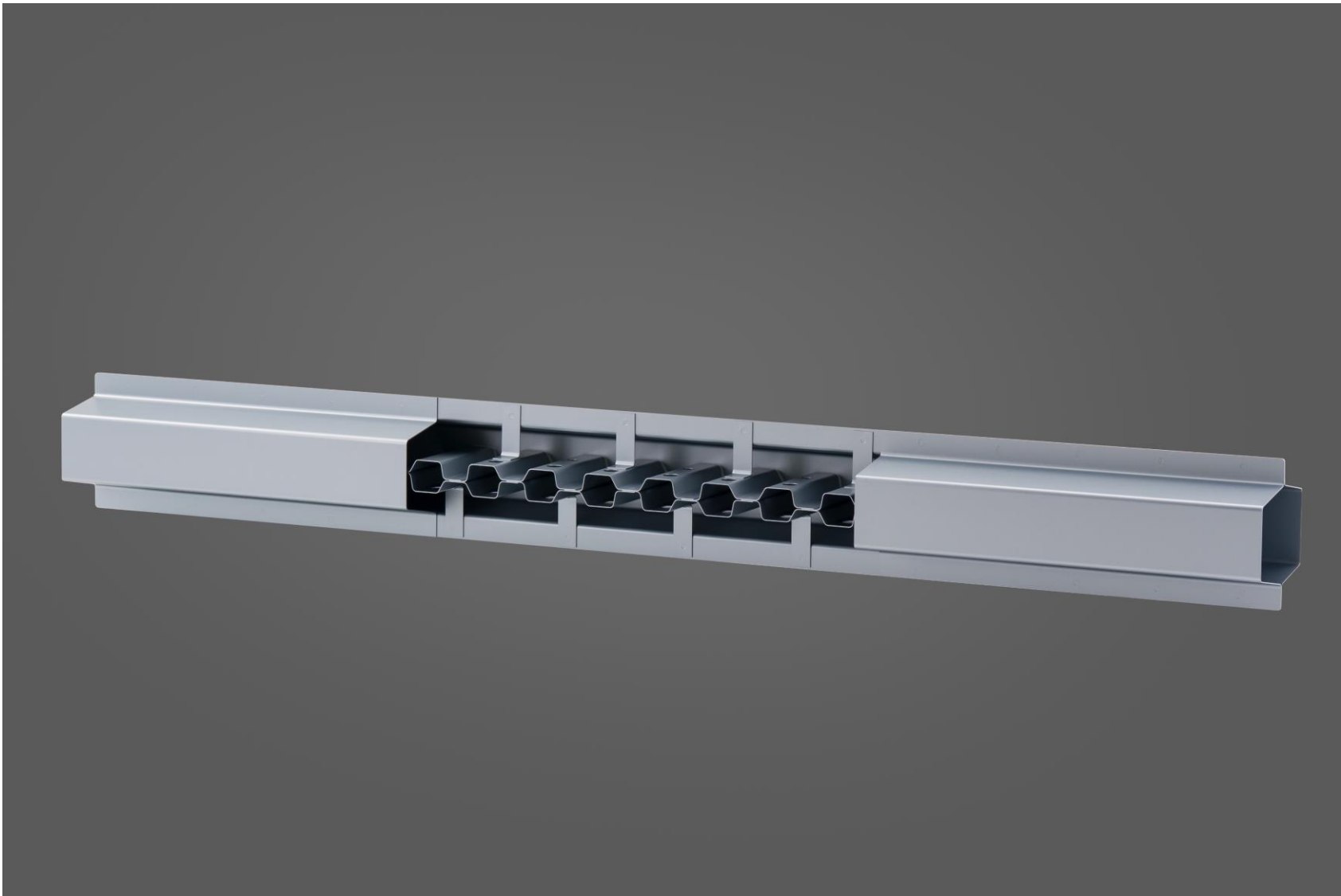


EA SIDE SILL Structure for BEV



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

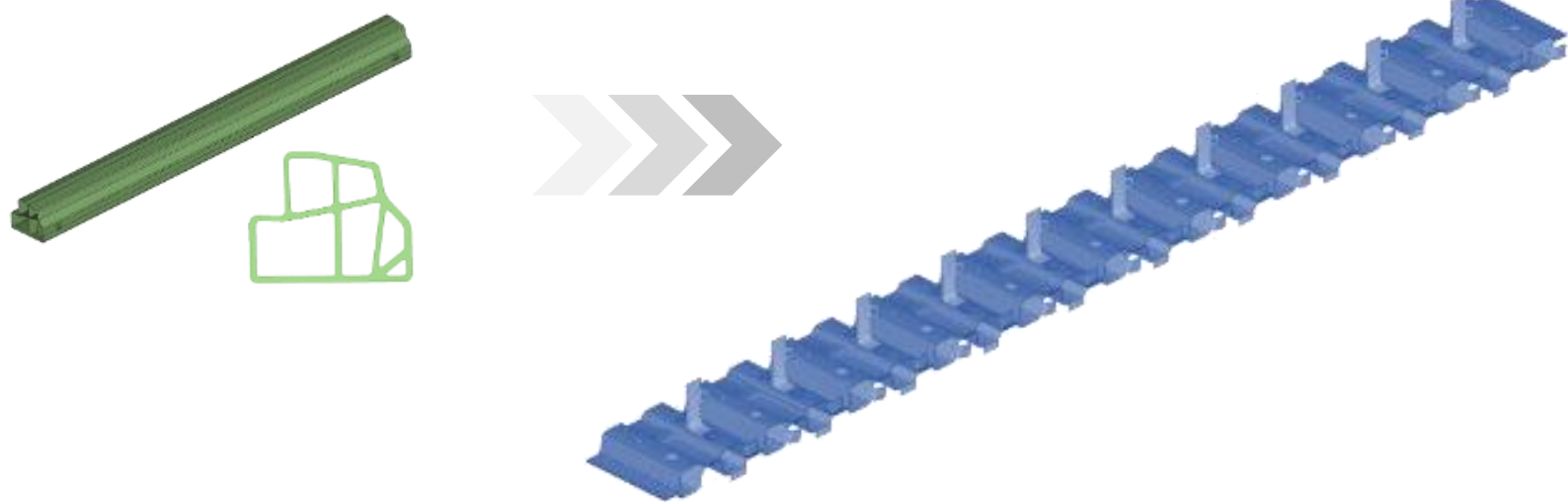
Patented



Replacing Aluminum Extrusions with Steel

Aluminum Extrusion

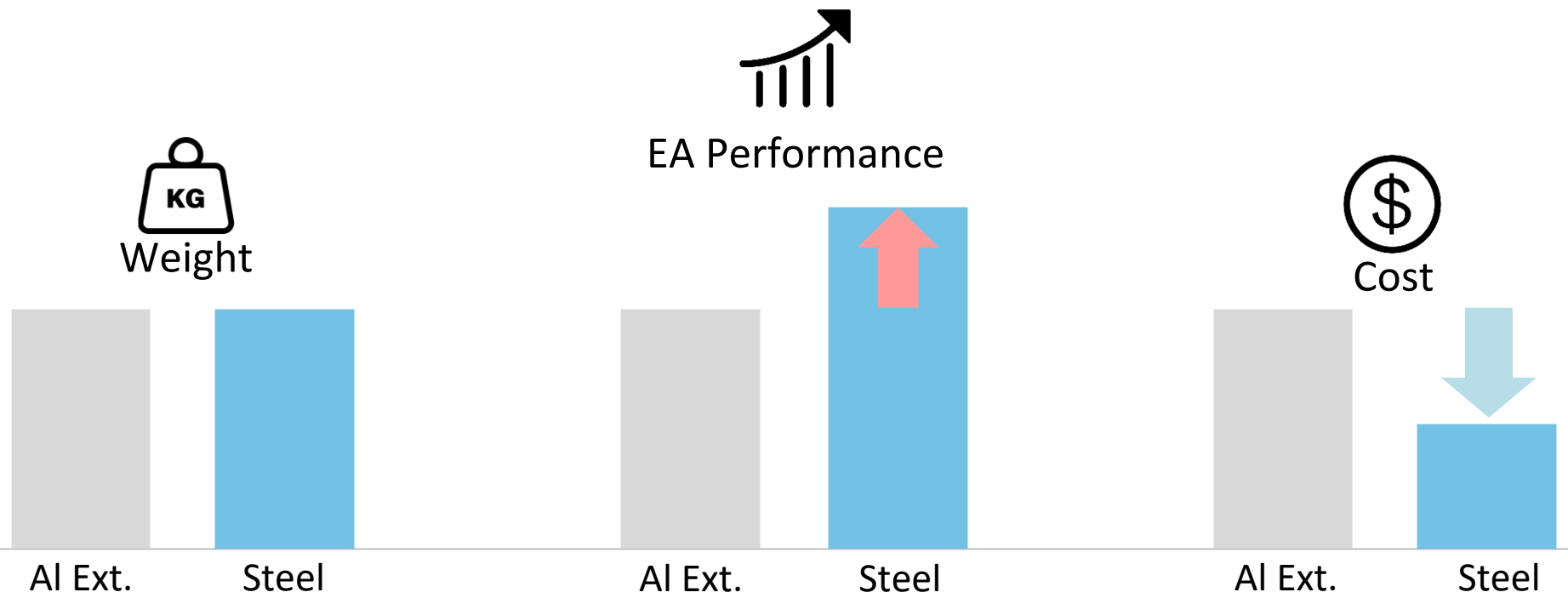
Steel stamped Parts



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