

Integrated Body Structure Component: Door Ring

- Mass-Produced
- Prototyping Available
- Independent development

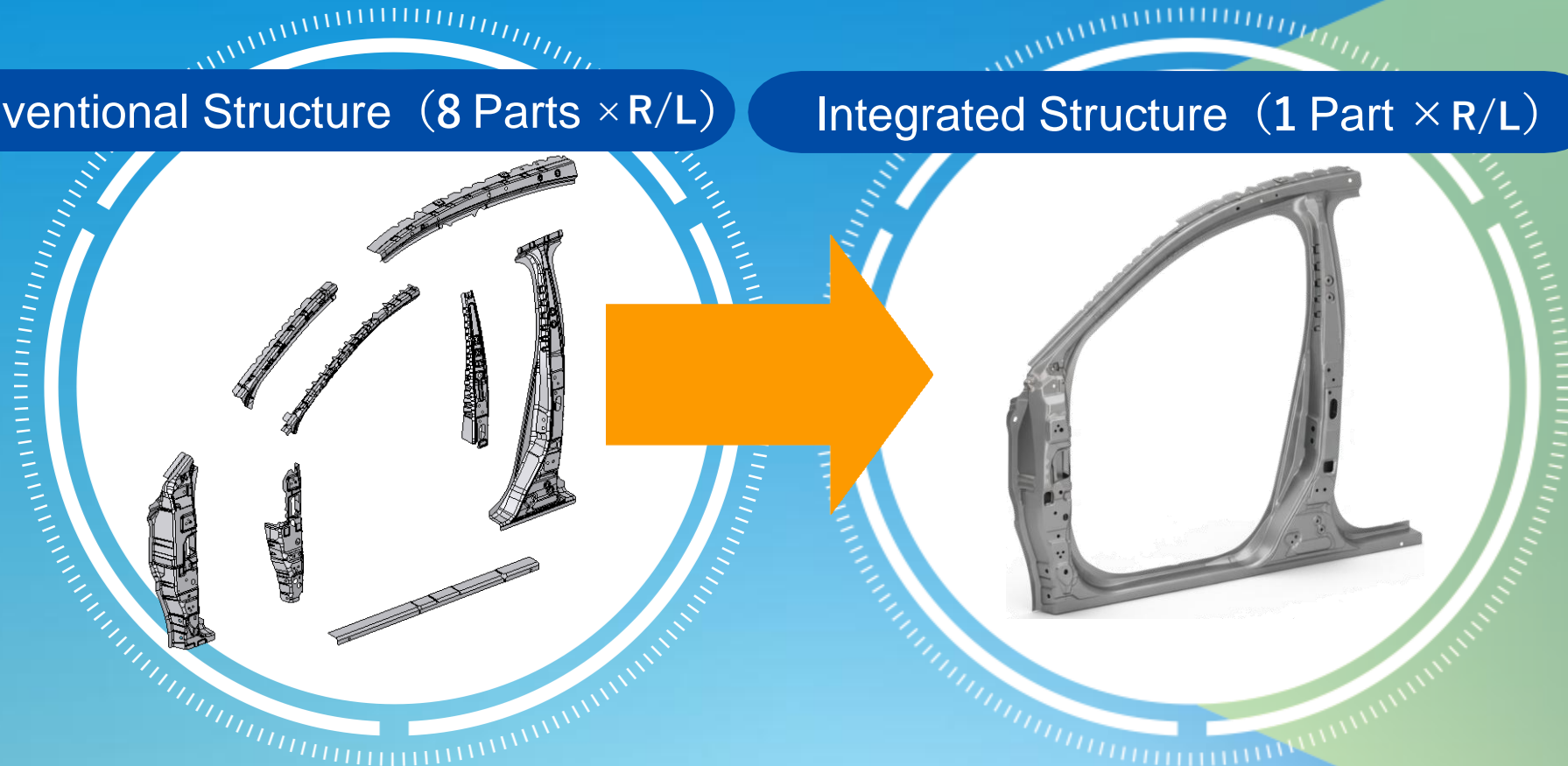
Body

Product Features

- By using hot stamping to integrally form body structure components previously composed of multiple parts, we have achieved both lightweighting and cost reduction.

Conventional Structure (8 Parts × R/L)

Integrated Structure (1 Part × R/L)



Product Technology

Applied Technologies

Patchwork Forming Technology

Cost down

Patchwork Forming Technology

Cost down

TWB

Lightweighting

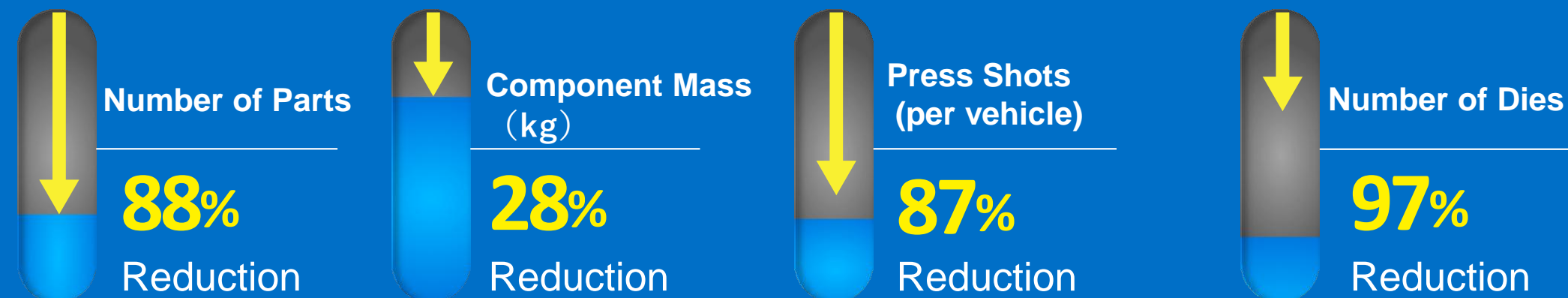
Separate Sill Outer Structure
Specific design architecture.

Future Opportunities for Further Lightweighting

- ✓ Application of HOT
- ✓ Material Support for Aluminum Extruded Sill Outer Structures

Effects of Component Integration

※Note: Results are not guaranteed for all cases



Pressing Toward a Brighter Tomorrow