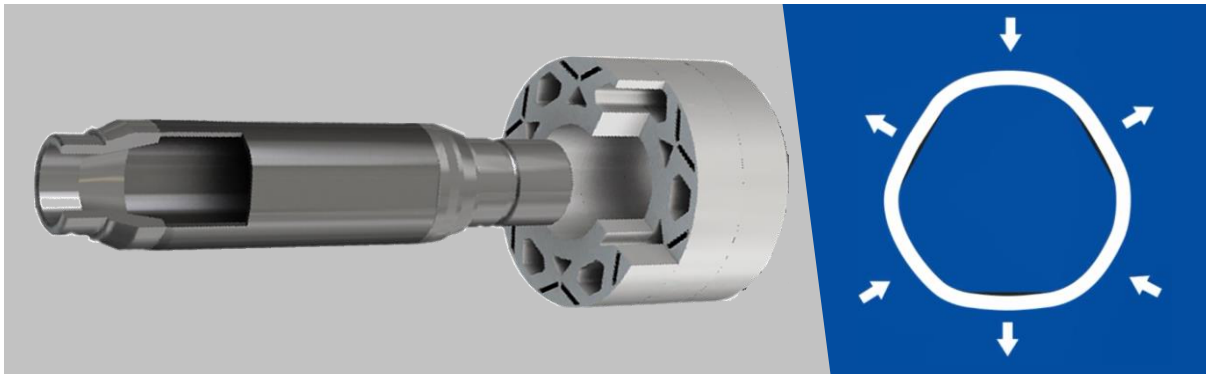


# SUCCEED IN TRANSFORMATION

Mubea



## Flexible E-Rotor Shaft



### Innovation:

- › Mubea flexible rotor shaft for secure and easy rotor assembly, disassembly as well as for performance improvement

### Customer Benefit:

- › Ultra lightweight rotor shaft
- › Lower assembly cost by elimination of thermal processes or form-fit elements
- › Improved power density by high rpm ( $> 20,000$  rpm)
- › Easy disassembly for corrections, refurbishing and recycling
- › Axial cooling channels for optimal rotor cooling
- › Low Product Carbon Footprint (PCF)

### Status:

- › First use in a modular e-drive of a German TIER-1
- › Several OEMs as end customers
- › Investment into 2 production lines with capacity close to 1 M parts per year released
- › Further lines projected for NA and Asia