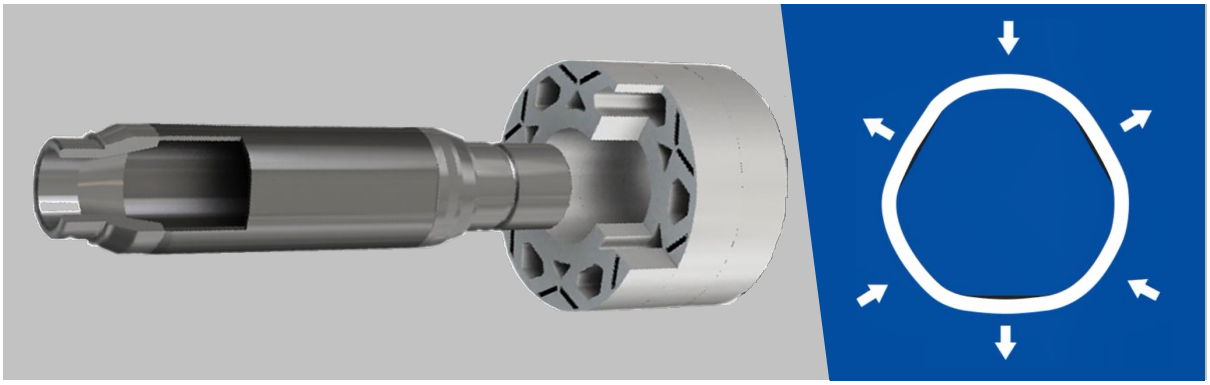
SUCCEED IN TRANSFORMATION

Mubea



Fexible 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
- 2 production lines (capacity: 0.8 M parts/a installed in EU (further lines projected for Asia)