



SEKELS GMBH OBER-MOERLEN

- ▶ *Nanocrystalline, amorphous and crystalline soft magnetic alloys, parts and cores – standard (Vacuumschmelze GmbH & Co. KG, Germany) and customer-specific*
- ▶ *Development, design and production of magnetic shielding parts and systems, magnet systems and customer-specific inductive components*
- ▶ *Magnetic field measuring technologies and services*



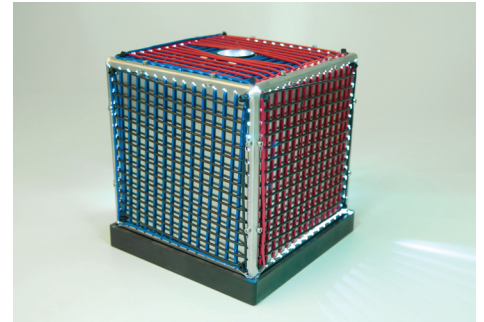
TAPE-WOUND TOROIDAL AND C-CORES

- Nanocrystalline cores and c-cores from VITROPERM® (plastic casing/epoxy coating)
- Amorphous cores from VITROVAC®
- Amorphous c-cores from METGLAS®
- Laminations & lamination packages
- Customer-specific tape-wound cores (nanocrystalline, amorphous, NiFe, SiFe)



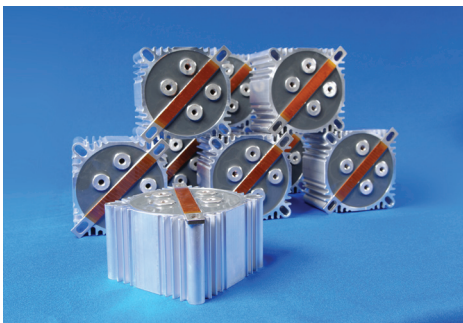
MATERIALS & PARTS

- MUMETALL®, PERMENORM®, VACOFLUX®, VACODUR®, VITROVAC®, DURACON® 45M
- Strips, panels, rods, slabs
- Extensive stock of special materials
- Customer-specific parts (stamped, lasing, deep-drawing etc.)
- Annealing



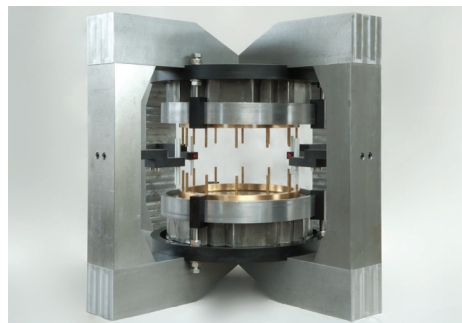
MAGNETIC SHIELDING, SHIELDING FOILS AND SHIELDING SYSTEMS

- Shielding foils from MUMETALL® and VITROVAC®
- Shielding cans and parts
- Multiple and multifunctional shielding
- Design, production, annealing
- Function check-out in our lab or on-site



INDUCTIVE COMPONENTS

- Type ranges Vacuumschmelze GmbH & Co. KG
- Customer-specific chokes and transformers
- High current chokes (CMC) with nanocrystalline cores up to 800 A



MAGNET SYSTEMS

- With permanent magnets or/and electrically energized
- With massive or laminated parts
- From magnetic flux carriers to complete solutions
- Application engineering, design and production
- Extensive stock of magnetic materials for fast prototyping



MAGNETIC FIELD MEASURING DEVICES AND SERVICES

- MFA-110 measuring device for magnetic fields
- Measurement of shielding factor in Helmholtz coils up to two meter in diameter
- On-site magnetic field measurements, analysis and solutions
- Measurement of material properties like hysteresis loop, losses etc.