Product Groups

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Professional information and literature, associations, continuing education
- Associations and industry representatives
- Databases for technology and business
- Technical literature
- Trade journals
- Education and training

Research and development
- Universities and Chairs
- Non-university research institutions
- Industrial research service providers

Software
- Casting process simulation
- Material simulation
- Structural-mechanical simulation
- Quality analysis and documentation
- CAD, CAE, CAM, CAQ, CNC, etc.
- Process planning
- Production control
- Product data management
- Supply chain management

Environmental technology, recycling, sustainability
- Energy management
- Life cycle assessment and CO2 balancing
- Extraction and filter technology
- Wastewater treatment
- Cooling water treatment
- Residual material recycling

Other service and consulting
- Factory and plant planning
- System and component development
- Process development and optimization
- Simulation service
- Production of casting prototypes
- Maintenance, repair and overhaul of casting machines

Additive Manufacturing
- Production of additively manufactured metal parts
- Production of additively manufactured cores and molding materials
- Equipment for additive manufacturing of metallic materials
- Equipment for additive manufacturing of cores and molding materials
- Additive Manufacturing Software
- Additive manufacturing materials

Digitalization and Industry 4.0
- Automation technology
- Technology for data acquisition e.g. sensor technology
- Data evaluation and artificial intelligence
- Process control technology
- Control and regulation systems
- Process visualization systems
- Industrial networks, IoT

Quality assurance and control
- Optical component testing
- Endoscopy
- Tactile component testing
- X-ray inspection and computed tomography
- Ultrasonic testing
- Crack testing
- Thermal imaging
- Leak testing
- Weighing equipment
- Materials testing
- Defect and damage analysis
- Laboratory technology and general measuring equipment for quality inspection
- Quality management systems

Joining and connecting technology for castings
- Welding
- Riveting
- Mechanical joining
- Gluing
- Other joining and connecting techniques

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Foundries
- Aluminium die casting parts
- Magnesium die casting parts
- Zinc die casting parts
- Die casting parts from other alloys
- Low pressure die casting parts
- Thixmolding casting parts
- Casting parts in other processes and materials

Casting machines and equipment
- Die casting machines cold chamber
- Die casting machines hot chamber
- Thixocasting machines
- Thixomolding machines
- Low pressure casting machines
- Other casting machines
- Complete casting cells
- Used machines trade
- Spare parts and accessories for casting machines

Periphery and aftertreatment
- Dosing and feeding equipment for molten metal
- Rheocasting
- Casting chamber, casting flasks and accessories
- Temperature control equipment for tools and casting machines
- Release agent spraying systems and equipment
- Vacuum technology
- Extraction equipment and robots
- Quenching and cooling of castings
- Punching and deburring technology
- Straightening
- Cleaning technology and equipment
- Mechanical processing of castings
- Surface treatment and finishing
- Core shooters
- Casting identification e.g. barcode, DataMatrixCode, etc.
- Conveying technology

Furnace and furnace accessories
- Melting furnaces
- Holding furnaces
- Dosing furnaces
- Heat treatment furnaces
- Process heat technology
- Melt treatment and purification
- Crucibles for melting and holding furnaces
- General accessories for melting and holding furnaces
- Refractory materials and components

Molds and tool making
- Die casting tools
- Low pressure casting tools
- Mold development and design
- Molding materials
- Standards and accessories for mold making
- Tools for core shooting
- Heating elements for toolmaking
- Machining and machining centers for tooling
- Spotting presses
- Cleaning technology for molds and tools
- Additive manufacturing for tool inserts and accessories

Casting materials and alloys
- Aluminium
- Magnesium
- Zinc
- Copper, brass, bronze
- Other casting materials

Operating materials and consumables
- Release agents for die casting molds
- Release agents and lubricants
- Coatings
- Tempering media
- Hydraulic media
- Corrosion protection
- Heat treatment and quenching media
- Molding materials, mold cores, core packages

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