

MANUFACTURING CAPABILITIES



Spiral bevel gears

- Klingelnberg
- Gleason
- Kurvex
- Hypoid



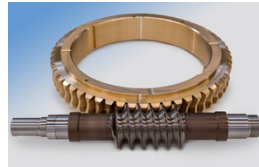
Spur Gears

- Straight-cut
- Helical
- Double Helical(Herringbone)
- Beveloid



Gear Couplings

- Customized Hirth Couplings (60°/40°)
- Face Gears
 - Klingelnberg
 - Gleason



Worm Gear Set

- Tooth geometry ZA or ZC



Assembled Components

- Spur and bevel gears shrink-fitted onto shafts, hollow shafts, and gear shafts
- Gear teeth ground after assembly



Reverse Engineering

- Manufacturing based on sample parts
- Compliance with current standards and regulations
- Optimized designs for extended service life



Technology Meets Sustainability

With its photovoltaic system and highly efficient cooling technology, WELTER saves more than 480 tonnes of CO₂ annually at its Lahr facility.

Through modern circular economy solutions, production residues are processed and recycled, waste is minimized, and valuable raw materials are returned to the manufacturing cycle.

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DRIVE TECHNOLOGY

FOR DEFENSE APPLICATIONS

