

Bevel Gear Sets

Complete solutions up to 1,150 mm in diameter



WIKOV

The Essence of Engineering

Bevel Gear Sets

Wikov represents a long manufacturing tradition of gears and industrial gearboxes. Experience gained from variety of applications is reflected in our capability to offer solutions that perfectly meet your expectations. State of the art manufacturing technology including in-house hardening facility guarantees tailored solution to your drive requirements.

Products

Cyclo-paloid spiral bevel gears set Klingelberg

- lapped

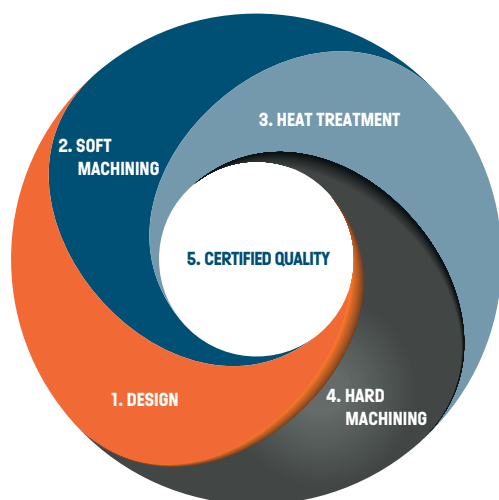
- HPG hard cutting

- non-hypoid gearing

- hypoid gearing

Parameter	Value
Max. diameter (mm)	1,150 *
Module: (mm)	4.0 – 15.5
Module: HPG (mm)	5.5 – 15.5
Max. ratio	10.0
Tooth face width	160

* 1,150 mm in dependence on the module and tooth face width



1. DESIGN

- according to the existing customer's drawings
- white paper design based on customer's application and specific requirements

3. HEAT TREATMENT

- gas carburizing
- quench hardening or press quenching
- gas nitriding



CNC Klingelberg C100U cutting machine for spiral gears



Testing unit IMO 1000

Wikov – The Essence of Engineering

Gear manufacturing tradition since 1918

Qualified R&D team

State-of-the art manufacturing technology and heat treatment expertise

Complete in-house manufacturing

Quality Management

Third party certification by ABS, BV, DNV, LRS and others

Application



Mineral processing:
cone crushers



Hydro energy:
hydro power plant drives



Shipbuilding:
drives for ships and thrusters



Metallurgy:
specialized gear units for metallurgy



Rail vehicles:
bevel gear sets for trams and railcars

Contacts

Wikov Gear s.r.o.

Tylová 1/57, 316 00 Pilsen, Czech Republic

T: +420 377 177 110, F: +420 377 177 119, E: gear@wikov.com, www.wikov.com

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