

Hypoid Bevel Gearset for Automotive Drive Axle Offset Pinion Systems



WENLIO GEAR
Bevel Gear Manufacturing

Engineered for high torque density and smoother power transfer at speed in axle drivetrains.



ISO 1328 Grade 6-8
Hardness HRC 58-52



OEM / DFM Support

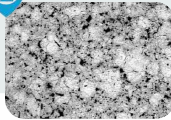
1



Superior Meshing Stability

Controlled lead and tooth profile for lower vibration, lower noise, and more stable meshing.

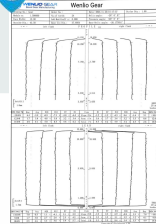
2



Enhanced Material Durability

Heat-treated steel options for higher wear resistance, fatigue strength, and service life.

3



Transparent Quality Traceability

Inspection reports support quality records and batch traceability.

Item	Specification	Typical	Notes
Module	1 - 4	1 - 3	As drawing
Pressure Angle	15 - 25°	20°	As drawing
Process	Forging / Broaching / Grinding / Hobbing / Shaping / Shaving / Milling	Grinding / Shaping	As drawing
Materials	20CrMnTi / 8620H / 20CrMo / 40Cr / 42CrMo / 45#steel / Others	20CrMnTi	As drawing
Heat Treatment	Carburized & Quenched / Q&T / Nitrided	Carburized	As drawing



Drawing Review:
Fast response & DFM feedback to evaluate manufacturability.



Process Recommendation:
Optimization of manufacturing routes based on requirements.



Prototype to Production:
From single sample to mass production lots, Meet the demands.



Final QC & Export:
Export-ready packaging and full QC documentation.

Ready to custom your tractor gear ?
Send your drawing a quick evaluation

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