

# Straight Bevel Gear For Marine Outboard Engine

Designed for outboard duty—supports reliable 90° power transfer at high RPM, with corrosion-ready material and heat-treat options.



**ISO 1328 Grade 6-8**  
**Hardness HRC 58-52**



**OEM / DFM Support**



**Superior Meshing Stability**

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



**Enhanced Material Durability**

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



**Transparent Quality Traceability**

Inspection reports support quality records and batch traceability.

Item	Specification	Typical	Notes
Module	1 - 5	2 - 4	As drawing
Pressure Angle	15 - 25°	20°	As drawing
Process	Milling / Grinding / Forging / Powder Metallurgy / Planing / Lapping	Planing / Forging	As drawing
Materials	20CrMnTi / 8620H / 20CrMo / 40Cr / 42CrMo / 45#steel / Others	20CrMnTi	As drawing
Heat Treatment	Carburized & Quenched / High-frequency Quenched / 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 Outboard Engine gear ?  
Send your drawing a quick evaluation

Email: [sales@wenlio.com](mailto:sales@wenlio.com)

WhatsApp: +86 18257981010

Web: [www.wenlio.com](http://www.wenlio.com)