

# Miter Bevel Gears for Robotic Dog Right-Angle Joints

A compact 90° 1:1 gear set for leg joints—share your torque, shaft size, and mounting distance for a quick quote.



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

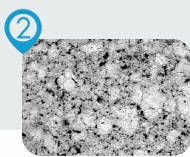


**OEM / DFM**  
**Support**



**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	0.5 - 1.5	1	As drawing
Pressure Angle	20°	20°	As drawing
Process	Milling / Forging / Powder Metallurgy	Milling / Forging	As drawing
Materials	20CrMnTi / 8620H / 20CrMo / 40Cr / 42CrMo / 45#steel / Others	20CrMnTi	As drawing
Heat Treatment	Milling / Grinding / Forging / Powder Metallurgy / Planing / Lapping	Planing / Forging	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 Power Tool gear ?  
Send your drawing a quick evaluation

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