

## PRECISION CUTTING & MEASURING TOOLS



# Solution for different type of Industry





Wind Turbine

Automobile Industry







Civil Aviation

Construction Machinery







Power Plant Equipment

High-end Equipment

Rail Transit





Steel Structure

Automation & Robotics



## Product Range

#### **Three Fundamental Applications**







Spline

Gear

Thread

#### **Three Processing Technologies**





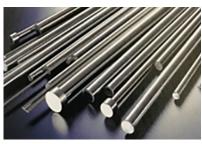


Broaching

Drilling

Milling

#### **Three Tooling Forms**









■ High-speed Steel

Carbide

Indexable



#### **Round Broaches**

Spline Broaches, Helical Ring Gear Broaches (with/without replaceable shell), Hard Broaches, Extra Large Ring Gear Broaches, Special Broaches, etc.



#### **Form Broaches**

Turbine Disk Slotting Broaches, Steering Rack Broaches, End-tooth Plane Multikey Broachets, Pot Broaches, Car Brake Caliper Bracket Broaches, High-precision Keyway Broaches, Indexable Broaches, All Kinds of Tool Holders and Fixtures, etc.





### **Cold Forming Tools**

Spline Rolling Racks, Thread Forming Racks, Oil Groove Forming Racks, Worm Gear Forming Racks, Spline Rolling Dies, Thread Rolling Dies, Worm Gear Rolling Dies, Carbide-inserted Spline Dies, etc.



## **Precisión Measuring Tools**

Spline GO/NOGO Gauges, Spline Arbors, Expanding Mandrels, Plain Round GO/NOGO Gauges, Master Gears, DBB/DOB Variable Gauges, CTT/CSW Variable Gauges, Handheld/Bench-Type Variable Gauges





### **Gear Cutting Tools**

HSS/Carbide Involute Spline Hobs, Rack Milling Cutters, Shaper Cutters, Skiving Cutters, gear cutting tools, etc.



## **Custom Drilling & Milling Cutters**

Solid Carbide Milling Cutters, Deep-Hole Drills, Center Drills, High-precision Reamers, Steam Turbine Rotor Slot Milling Cutters, Fir-Tree Root Milling Cutters, Impellers& Blisks Milling Cutters, Milling Tools for Civil Aviation Parts, Ultrasonic Milling Cutters, Indexable Milling Cutters for Rotors, Rails, and Wind Power Gears, Indexable Gun Drills.





#### **Annular Cutter**

TCT Core Drills, HSS Annular Cutters, Rail Core Drills, Hole Saws, Step Drills, BTA Deep Hole Drills, etc.



## **Thread Tools and Thread Gauges**

Nut Taps, Machine Taps, Thread Milling Cutters, Thread Plug Gauges, Thread Ring Gauges, Thread Variable Gauges.





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