



Where **high performance**
is the **standard**[®]

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Company Overview

For 100 years, M.A. Ford[®] has been at the cutting edge of tooling design and manufacturing and has developed an enviable global reputation for performance and precision in advanced solid carbide tooling, serving over 60 countries world wide. Our innovative cutting geometries, materials and coating technologies are providing effective manufacturing solutions to an expanding and increasingly diverse range of industries.

Target Industries:
Aerospace
Medical
Firearms
Automotive
Heavy Machinery
Energy
Electronics
Agriculture

Key Product Lines

- High Performance Solid Carbide End Mills
- High Performance Solid Carbide Drills
- Solid Carbide Reamers
- Solid Carbide Diamond Grind Routers
- Solid Carbide Custom Tools
- Solid Carbide and HSS Countersinks
- Solid Carbide General Purpose End Mills
- Solid Carbide General Purpose Drills
- Solid Carbide Burs
- Solid Carbide Micro Tools
- Re-Conditioning and Re-Coating

Custom Tool Division

M.A. Ford's Custom Tool Division offers application development, design and manufacturing expertise in the following product classifications in either solid or coolant thru configurations:

- High Performance Drills and Step Drills
- Rockbit Drills (Flat Bottom - 150°)
- G-Drills and Step G-Drills
- Step Reamers
- Reamers
- Coolant Thru Specials
- Firearms Reamers (Chamber-Barrel-Muzzle-Throat)
- Custom End Mills
- Custom Form Tools
- Re-conditioning and Re-Coating

M.A. Ford Rapid Turnaround Program*

Coating

Altima[®] 3 days No maximum quantity
Blaze, TiN, TiCN 3 days No maximum quantity

Range Reamers

270 Series 3 days 25 piece maximum

Shank Flats

End mills 3 days 50 piece maximum

Corner Radius

End mills – 6mm & above 3 days 12 piece maximum

Depth Setting Rings 3 days No maximum quantity

Coolant Slots 3 days 10 piece maximum

Micro-Stop Integral Pilot 3 days 10 piece maximum

*When base tool in stock



**ISO 9001:2015
Certified**



M.A. Ford Manufacturing is a high performance cutting tool company founded in 1919. Carbide tooling varies from 0.10mm to 38mm in diameter with high speed steel tools varying from 1/8" to 3" in diameter. Our product offering includes carbide end mills, drills, routers, reamers, burs and countersinks in addition to high speed steel countersinks. Our catalog product offering is one of the most extensive in the industry with over 15,000 carbide and high speed steel standard tools.

M.A. Ford has extensive Research & Development capabilities, with machining centers dedicated to product testing and development in four facilities worldwide. We have Custom Tool Divisions in both the United States and the United Kingdom that focus on engineering and producing specialty carbide tooling for improving customer operations and lowering their production costs.

Overall, M.A. Ford has approximately 400 employees in seven different facilities around the world. We have extensive local tooling inventory in the United States, the United Kingdom and China. M.A. Ford is ISO 9001:2015 certified. We utilize the latest inspection and process monitoring equipment from companies such as Walter, Zoller, Nikon and Lasermike.

M.A. Ford has the capability of producing 20,000 pieces per day of carbide and high speed steel tooling. We have over 150 CNC grinders in our facilities from companies such as Anca, Walter, Rollomatic, and Saacke. We also have approximately 100 manual grinders in our facilities. In addition, M.A. Ford utilizes the latest PVD coating technologies within our facilities.

