



Firearms Manufacturing uses many different materials, such as steel, brass, stainless steel, and aluminum. M.A. Ford® has the ability to manufacture custom cutting tool solutions to the exacting tolerances required to meet the needs of the gun industry.

END MILLS

TuffCut® XR-AL Series 334

- Enhanced flute design for improved chip control and reduced cutting forces
- Chipbreaker provides better part finish than a traditional knuckle rougher and aids in chip management
- Variable helix strengthens the tool corner reducing the chance of a chipped corner
- Manufactured from premium grade ultrafine carbide material and Gem+ coated for extended tool life
- 3 flute, solid carbide, standard and long lengths, 45° helix with neck options



Standard offering - 1/4" - 1"

TuffCut® XT9 Series 380

- Designed for high speed machining of Titanium, Inconel and similar materials
- New ALtima® Xtreme (AX) coating designed for high speed machining and dry machining
- Uneven number of flutes reduces harmonics to provide stable machining zones
- Ideal for finishing walls on customer parts
- 9 Flutes, 37° helix, standard and long lengths, solid carbide, non-center cutting



Standard offering - 3/8" - 3/4"
and 8.0 - 20.0mm



CUSTOM TOOLS

M.A. Ford's Custom Tool Division currently manufactures a variety of custom firearm solid carbide cutting tools. These tools range from chamber reamers (for rifle, revolver, automatic center fire pistols, etc.), muzzle reamers, throat reamers, barrel reamers, roughing tools for pre-reaming operations, special milling cutters, profile tools, step drills, end mills, dove tail cutters and numerous gunsmith tools. All of our firearms tools are custom made for the manufacturer's application. Once a tool is quoted and an order placed, we provide an approval print for the customer to sign off on the geometry. No customer information is shared from account to account, and tools are designed from customer prints or basic concepts are provided from SAAMI specifications.



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where high performance is the standard®