

# Custom Tooling

## Need a custom tool engineered to your needs?

### Experience

Our experienced engineers build some of the most complex tool configurations in the industry. We are proud of our ability to provide turnkey solutions that maximize machine throughput and per part/piece profit.

### Diversity

We are not limited to end mills. The following is a sample of common solid carbide tooling we regularly manufacture:

- Form tools
- Coolant-fed tooling
- Key seat cutters
- Dovetail cutters
- Lollipop cutters
- Concave radius cutters
- Radius cutters
- Double angle cutters
- Engraving tools
- Tapered end mills
- Ring groove tools
- Drill mills
- Christmas tree cutters
- Porting tools
- Drills & step drills
- Die/mold cutters
- Spherical cutters

### Assistance

Our experts partner with you throughout the entire custom tool process. We identify the ideal design, leverage state of the art manufacturing capabilities, and provide customized running parameters to maximize performance. We are single mindedly focused on exceeding customer expectations. Visit [www.helicaltool.com](http://www.helicaltool.com) to use our Build A Tool feature and download a Custom Tool Template to fit your needs.

### What our custom tool program includes:

- Expert engineering staff
- Custom tool templates and drawings
- Pre-engineering research capabilities
- State-of-the Art CNC grinding equipment
- Permanently assigned part numbers (HSSP)
- Solid carbide tool capabilities;
  - Up to 7.5" diameter
  - Up to 27" overall length

