

PERFECTLY DESIGNED FOR DEFENSE AND AMMUNITION NEEDS

Our punches for the defense and ammunition industries have been known to last up to eight times longer than the competition. While we can't promise they'll last that long every time, we're confident that ours will last longer than your current tooling.

Tool Steel Matters

The Impax Tooling Solutions® division of Wilson Tool International uses only the highest quality A2, D2, M2, PM-M4, PM-10V, PM-3V and proprietary tool steels that are specifically designed for optimal wear resistance and toughness. Our steel is heat treated in-house with the latest in vacuum furnace technologies.

The Right Mix

We combine premium tool steel with the right coating to get a huge increase in tool life. The ideal mix of steel and coating will lower your cost through reduced tooling wear and material adhesion, and will give your tool a lasting power you likely haven't seen before.

A Consultative Approach

We believe good customer service increases your productivity as much as long-lasting tooling. So, we provide personalized support at every level from our team of knowledgeable sales engineers, skilled machinists and expert design engineers. We think that the consultative approach works best, so we have tooling technicians at every level ready to partner with you to ensure your tooling is exactly what you need.



ITAR Registered:

As a manufacturer registered under the International Traffic in Arms Regulations (ITAR), we are fully certified to supply materials used in national defense to qualified government vendors.



ISO Certified:

In order to provide the highest quality product, and to fulfill customer requirements, we continually improve our Quality Management System based on, and in conformance with, the requirements of ISO 9001:2015.



IMPAX
TOOLING SOLUTIONS

DEFENSE AND SPORT TOOLING

Punches

- Stem eject punches
- Trim punches and trim dies
- Taper punches
- Boat tail punches
- Ogive punches
- Staking punches
- Sizing punches
- Blanking punches
- Lead Seat punches
- Draw punches

Dies

Ejectors

Knockouts

Bunters/Head Stamps

Machine Components

- Guides
- Strippers
- Rails
- Channels
- Tubes
- Cups

And more...



USA-Made and Globally Connected

We're proud to manufacture all of our products in our state-of-the-art headquarters in White Bear Lake, Minnesota. Our facility is continually updated with the latest in manufacturing, inspection, and material handling technology. Relationships we maintain with machine tool manufacturers around the globe enable us to stay on the cutting edge of industry technology, and guarantee that our facilities are among the most modern and well equipped.

Tooling Specifications

- Lengths up to 20"
- Diameters from .010" to 4.500" +
- Tip tolerance down to $\pm .0001$ "
- Polishing, surface finish down to a 3 Ra
- Concentricity to a .0003" t.i.r.
- Latest in steel and coating technologies

For more information, visit wilsontool.com, call our tooling technicians at 800-944-4671 or contact your sales engineer.

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