

Case Study: Unmatched Durability

DEFENSE customers cite that draw punch tooling from Ring Precision outperforms and outlasts the competition

Incumbent Process

- ❑ Customers in this industry do not typically sole source their tooling and use multiple suppliers to guarantee availability of desired tooling
- ❑ Certain supplier tooling was subject to short lifespan and quick wear, leading to machine downtime and product defects

Challenge

- ❑ Given the needs of the customer and their experience with other suppliers, Ring was tasked with developing high tolerance draw punches with extended lifespan, and unique hardness



Solution

- ❑ Engineers and machine operators worked hand-in-hand with the customer to develop a proprietary process, resulting in rounder, straighter, more concentric, higher quality finished tooling
- ❑ As a vertically integrated manufacturer of precision tooling, Ring is able to fully control every aspect of the manufacturing process – when problems arise, Ring is able to alter, iterate, and improve their process development to meet customer needs

Benefit

- ❑ Ring Precision tooling has been cited to last up to three times longer than the competition in some instances, extending uptime for customers, and reducing defects due to tooling issues experienced with lower quality alternatives

ISO 9001 certified and ITAR registered, Ring Precision employs the strictest of process controls, with continuous process improvements at the core of its operators and engineers' minds.