

OUR FACILITY

CAPACITY FOR THE FUTURE



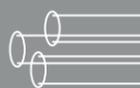
Tube Hollows International is positioned to provide world-class service today and for years to come. Our state-of-the-art 50,000 square foot manufacturing facility has ample expansion capability to meet the future needs of our customers.

With the latest technology and modern equipment in a climate-controlled manufacturing space, our highly skilled manufacturing professionals effectively produce small prototype lots or large production orders in a timely and cost-effective manner.

Tube Hollows is your partner in producing seamless precision components.

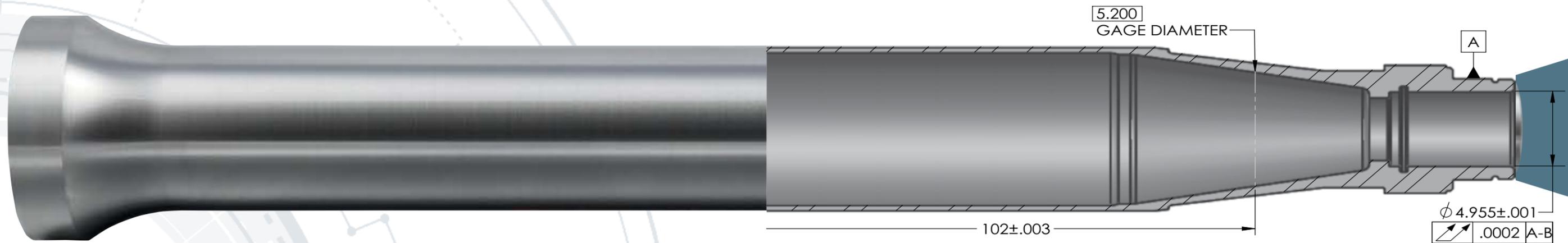


PRECISION COMPONENTS YOU CAN TRUST

 **TUBE HOLLOWS**
INTERNATIONAL
World leader in seamless precision components

39 Enterprise Drive, Suite 2 Windham, ME 04062
p: 207.892.8899 f: 207.892.8863 sales@TubeHollows.com
> www.tubehollows.com

 **TUBE HOLLOWS**
INTERNATIONAL
World leader in seamless precision components



WORLD LEADERS IN SEAMLESS PRECISION COMPONENTS

We specialize in unique, engineered solutions to challenging design problems. Our ability to provide uniform-wall components at extreme depth-to-diameter ratios, with industry-leading uniformity, has made us the world leader in precision components, custom heavy-wall tubing, hollow bars and precision cannulae. Plus, we apply the same passion for precision to a full range of other boring and machining services.

QUALITY

We focus on quality in everything we do, from initial engineering to on-time delivery and after sales service. We insist on meeting the highest possible production standards. Our proprietary test equipment and processes provide peace of mind that everything we make meets our customers' specifications. We have earned our position through our commitments to and investments in:

- > continuous improvement in process development
- > state-of-the-art equipment & facilities
- > exceptional workforce training through all levels



> **DAVID MORSE**
Managing Director

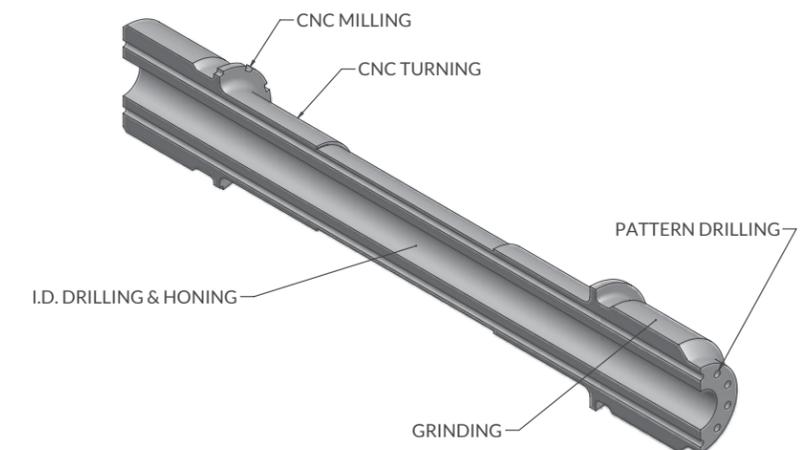
CUSTOM SOLUTIONS

> **Precision Machining:** We can machine a variety of features:

- Complex Bores such as bottle and step bores, chamfers, radiused corners and complex shapes
- Platen/Flat Work that requires multiple and multi-axis holes
- Pattern Drilling machining multiple holes in varying locations and axes
- Swiss Screw Machining on tubes up to 32mm OD
- CNC Lathe Machining

> **Honing:** ID & OD

> **Grinding:** Centerless, Cylindrical & Superpolishing



“Most people understand a tape measure, not 1,000ths of an inch. **I give them the visual of a human hair** equals 2-3 thousandths. They are impressed, especially when they find out that **we can hold these tolerances when we drill 10 feet down inside a tube...**”

At Tube Hollows,
expected solutions
are something we produce every day.



INDUSTRY LEADING ENGINEERED SOLUTIONS

INDUSTRY SPECIALIZATION

AEROSPACE

Our aerospace clients look to our precision machining capabilities to achieve multiple ends: concentricity in rapidly rotating parts, lightweight, precision performance and cost savings. We specialize in producing long, uniform wall, balanced, rotating parts for use in engines as well as in ancillary components such as rotorcraft landing gear.

MEDICAL

Medical device manufacturers around the world rely heavily on our seamless precision tubes.

ENERGY

The strict quality and safety standards of the energy industry requires precision components with extremely tight design tolerances. Whether it's the high operating speeds of rotating turbine components, or tight concentricity in 25 foot long nuclear reactor components to meet ISO standards.

INDUSTRIAL

We produce precision tubular components to make products reliable, higher performing and more cost effective. We have created tubular components for drive rods, instrument tubes, and shafting and custom heavy wall tubing for process piping in the food and chemical industry.

**"We needed a 3/8" hole
that was 12' long.
How do you achieve
that? THI delivered."**



CUSTOMIZED PROCESS

Our collaborative project management will realize your complicated design.

The value we add to each customer's project begins well before we turn on a single machine. It starts with our engineering expertise, and includes the support we provide through the entire process.

Within our C.I.P. (Continuous Improvement Process), concurrent engineering is incorporated into design activities and manufacturing engineering at the same time. The idea is that the concurrent nature of these processes significantly increases productivity and product quality. This way, errors and redesigns can be discovered early in the process when the project is still flexible. By locating and fixing these issues early, the design team can avoid what often become costly errors as the project moves to more complicated computational models and eventually into the actual manufacturing of hardware.

