

Tube Hollows International Capability: CNC Machining

Precision CNC machining is a mainstay of our overall capabilities at Tube Hollows International, and is one that has helped to establish our organization as leader in precision manufacturing. Our success is built on a culture of quality and a progressive approach to machining technology. We have invested heavily in cutting edge machining systems. This commitment has allowed us to keep pace with the ever-increasing precision requirements of our customer base. These include the medical, aerospace, military, and energy industries as well as many others verticals that demand a higher and higher degree of accuracy and precision.

We have an enterprise-wide commitment to excellence and provide value by acting as a prime manufacturing resource. This is a single source solution that allows us to maintain full control of materials, production, and ultimately quality. With years of experience and ongoing technical training, our professionally qualified machinists create complex thread profiles, drill deep holes to exacting tolerances, and create special geometries of nearly any size, shape, or form. We possess considerable knowledge of exotic metals, alloys, and super alloys, and can uphold the strictest quality control standards to produce the highest rate of conforming product.

From materials acquisition and processes engineering through inspection, we provide complete quality assurance and traceability. Our quality management system is ISO 9001:2008 registered, and we certify that all products are fully compliant with customer and regulatory requirements.

By using innovative practices and cutting edge machining systems, we address unique and new machining challenges to help you drive innovation in the marketplace. Contact us directly to learn more about our CNC machining capabilities.

Machining Processes	Milling Deep hole drilling Drilling Boring Turning: ! Contour Turning ! Form Turning ! Taper Turning ! Straight Turning Tapered Turning Face Grooving (similar to boring) Facing (cutting tools face the rotating material at a right angle) Knurling (used to form hand grips) Threading (for screws); and Deep Hole Drilling
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Equipment Capabilities	CNC Control Capabilities Large Swing Lathe Bar Feed Milling
Machinery Axis	3
Materials (Metals)	Alloy Steels Aluminum Beryllium Brass Bronze Alloys Carbon Steel Copper Magnesium Molybdenum Nickel Stainless Steel Titanium Tungsten Zinc
Materials (Exotic & Precious Metals)	Inconel Invar Kovars Molybdenum Monel Platinum Silver Superalloys Tantalum
Secondary Services Offered	Assembly Drilling Deep hole Drilling Tapping Bending Threading Broaching Counter Sinking Pressing Milling Reaming Welding Plating Passivating Etch and Chromating Heat Treating Centerless Grinding Anodizing

	Inserting Plastic Molding
Production Volume	Low Volume High Volume Large Run Long Run
Lead Times Available	Quoted on job by job basis
<i>Additional Information</i>	
Industry Focus	Aerospace Chemical Marine Medical Military Oil Field
Intended Applications	Machine components Engine components Turbine components Hydraulic components Turbomachinery components Construction equipment Shafts Valves Pins Fasteners Spindles Sockets Bushings Spacers Fittings
Industry Standards	ANSI AS ASME ASTM ISO Mil-Spec
File Formats	AutoCAD (DWG,DWZ) BMP DXF GIF JPG or JPEG PDF SolidWorks (SLDPRT,SLDDRW,SLDDRT) STEP TIFF