

C-AXIS TECHNOLOGY SHEET

Precision Turning

World Class Facilities

C-Axis operates manufacturing facilities in Minnesota and Puerto Rico!

Contract Manufacturing

Managing the complete bill of material by purchasing, manufacturing, metal finishing, and assembly.

ISO Quality Systems

C-Axis is certified to ISO 9001 and ISO 13485 at both facilities!



- Precision Turning is one of the many capabilities we offer at C-Axis
- Our turning centers use bar feeders to improve efficiency and reduce tooling costs
- These higher horsepower machines can swing up to 300mm and feed bar stock up to 45mm and take heavy cuts in the hardest to machine alloys like MP-35 and other high strength alloys
- Bring us your difficult to machine medical parts and these machines will do the job

C-Axis Machining Turning

At C-Axis we have multiple turning capabilities. We utilize bar feed lathes for the larger diameter type work and multi axis Swiss style turning which also use bar feeders to keep the machines fed with material for minimal down time. Both of these capabilities produce parts suited for either implantable components or medical devices used in the surgical procedures. The Swiss style machines are especially suited for the micro machining which is required for the Medical Device market. With the multi-axis many different types of features able to be produced such as cross holes, helical milling, slotting, .001 degree indexing, finishes down to an 8 RMS are achievable.

Experience precision turning all types of medical grade materials such as:

- Titanium
- Nickel 200
- 17-4 Stainless Steel
- 300 and 400 Grade Stainless
- MP-35
- PEEK
- Ultem

And Many More!

