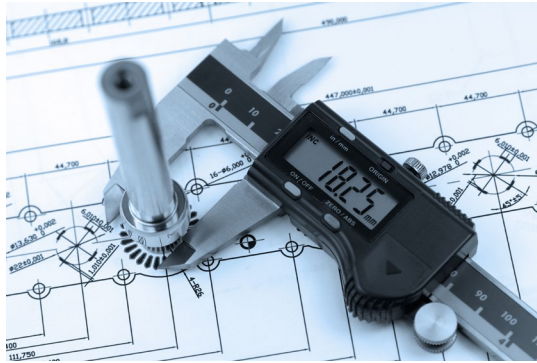


Case Study:
Consultive Engineering Services
*Ring Precision was able to provide a **MEDICAL DEVICE** manufacturer with custom engineered **Core Pin Needle Sheaths***



Incumbent Process

- Customer was ordering needle sheath core pins from an OEM mold builder



Challenge

- Engineering process and drawings were incomplete from the onset of customer engagement
- Customer supplied drawing and sample supplied part that did not match one another
- Certain dimensions, materials of construction, and surface finishes on the drawing were left without specified tolerances or verification



Solution

- Ring's team of dedicated engineers were able to work with the customer to resolve the various tolerance and verification issues to fully understand what was required by the customer in order to supply the highest quality component necessary for their needs
- Ring was able to manufacture blanks while verifying necessary information as not to slow down the production process
- Leveraged Ring's state of the art equipment for a combined process using in house CNC grinding and EDM machines with robotics, resulting in a repeatable, accurate, process

Benefit

- Ring Precision was able to produce the core pin needle sheaths at a more competitive price, with faster delivery, and at a higher quality than the incumbent OEM
- Saved customer money and potential downtime by identifying, clarifying, and resolving issues early in the manufacturing process

Ring Precision's quality, precision, and on time delivery has led to multiple follow-on orders by this customer for core pins, ejector pins, tip inserts, stripper bushing, and cavities. Ring has been the recipient of numerous compliments from medical injection molders for their attention to detail and superior engineering services.