



## ***Excellence Engineered With Precision.***

Precision Core Pins for the Medical Device Industry

At Lawrence Engineering we have 40 years of experience delivering custom high quality precision core pins for the medical device industry.

***Reach out and contact us today***

# Precision, accuracy, and repeatability are paramount in the medical device industry

## Key **Core Pin** Capabilities



### Accuracy

Our core pins are meticulously crafted with the highest precision, ensuring accuracy and repeatability. All dimensions are checked in-machine, and post-machining using the Keyence im 8000.



### Tight Tolerances

We excel in manufacturing core pins with the tightest tolerances, meeting the most stringent industry requirements. We can work to tolerances of +/-0.001mm.



### Design Expertise

Our expert design team collaborates closely with you to create tailor-made solutions. We use DFM to optimize your design and ensure manufacturability.



### Durable Materials

We have experience working with a wide variety of materials, tailoring the products to the diverse needs of our customers, and engineered for long-lasting performance. Materials include hardened tool steel, stainless steel, copper, mould max, nitinol and M2 HSS.



### Top Class Machinery

We continuously invest in state-of-the-art machinery such as 2x Rollomatic ShapeSmart High Precision Pin and Mandrel Grinders. This commitment has significantly reduced our turnaround time, while simultaneously achieving exceptional precision. Additional complementary machinery includes Wire and Sink EDM, and Rödgers HSM cell.

## Who We **Work With**

At Lawrence Engineering our customers are at the heart of what we do. Trusted by leading medical device manufacturers in Ireland and beyond, we've become the go-to choice for high-precision core pins. Our customers include mould makers and medical device manufacturers.

## Additional **Services**

- ✓ Kanban delivery options
- ✓ Price breaks on large orders
- ✓ Wide range of shapes including squares, rectangles, and other bespoke shapes
- ✓ Coating applications
- ✓ Wide range of sizes, with the ability to manufacture to diameters of 0.1mm and max length of 700mm.



Elevate your medical device solutions with **unmatched precision.**

Reach out today to discuss your unique needs.