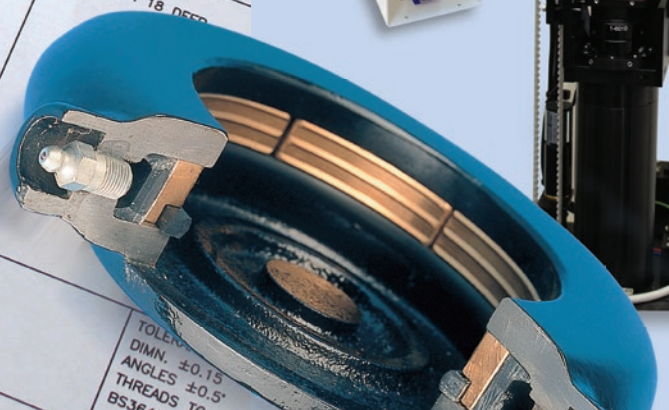
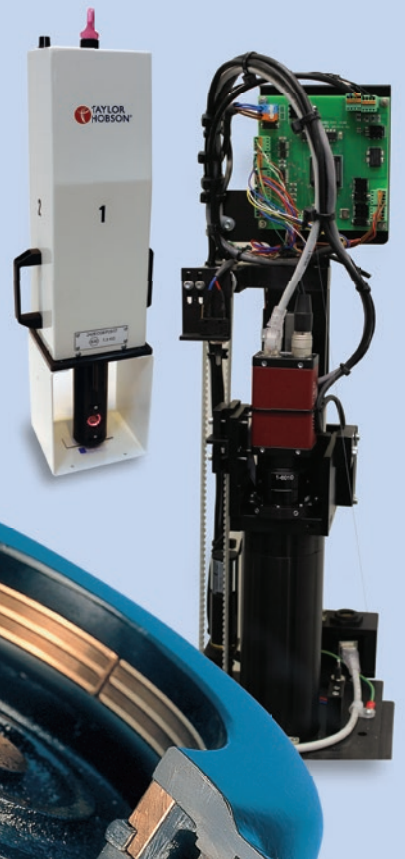
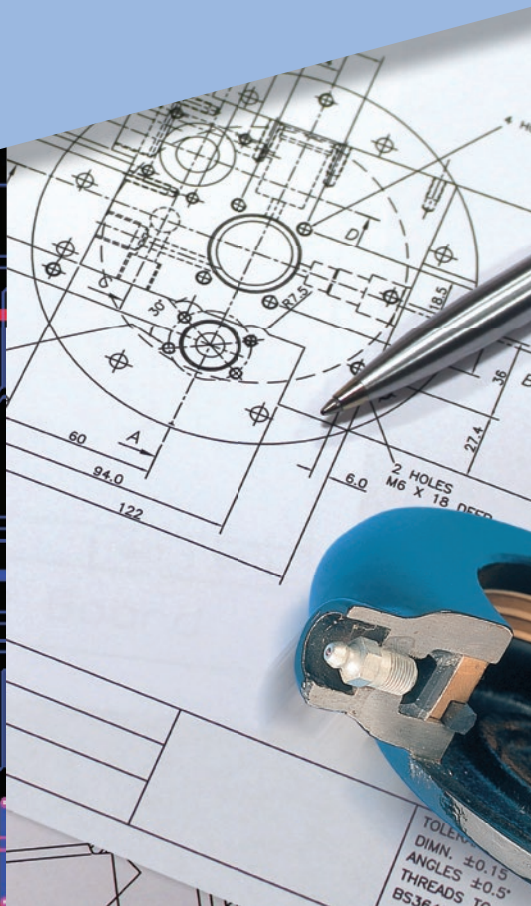
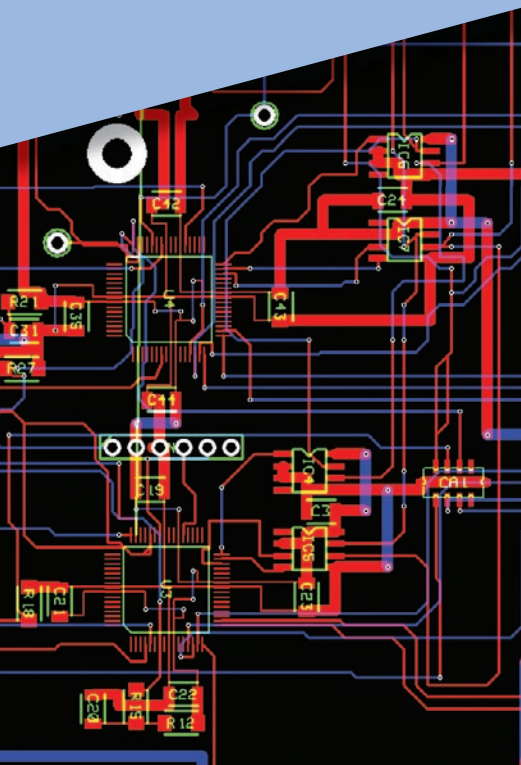


PRODUCT CONCEPT
FEASIBILITY
DESIGN
MANUFACTURE
CONFORMANCE



MICRON DESIGN

Complete Engineering Solutions

About us

We offer a complete engineering service from design concept through to manufactured prototypes and full production. This can include new product design and development or to evolve existing design's and products.

We provide a complete service that includes mechanical, electronic, electrical, software/ firmware design, compliance and testing to appropriate standards eg EMC, CE marking. Our markets are typically within the high precision engineering, manufacturing, pharmaceutical, automotive, medical, aerospace and plastics industries. Any single element of these functions can be provided, depending on individual requirements.



CONCEPT

Client Requirements
Specifications Defined



FEASIBILITY

Research & Development
Prototyping & Evolution



DESIGN

Mechanical & Electronics
Firmware & Software

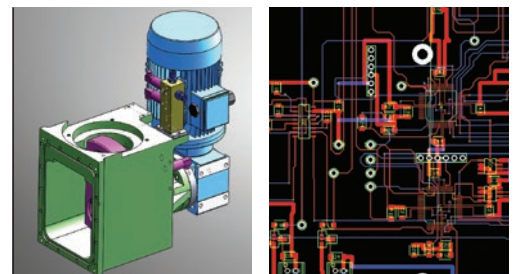


CONCEPT

FEASIBILITY

Power tool manufacture

- Optimisation of the cutter design
- Functional and ergonomic design
- Production of working prototype
- Testing verification



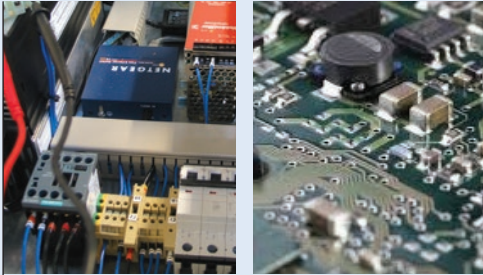
DESIGN

Mechanical & Electronics

- Modelling
- Simulation
- 2D/3D CAD
- Firmware/software
- Design for standards compliance eg CE



View our case studies online at www.microndesign.co.uk



MANUFACTURE



CONFORMANCE

Measurement of Crankshaft bearings

- Designed and developed a measurement system
- Conformed to relevant standards



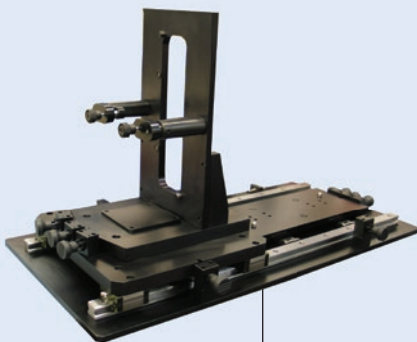
MANUFACTURE

Mechanical & PCB's
Control Panels



CONFORMANCE

Validation
Verification & Testing



MANUFACTURE

Bespoke fixture plate

- Developed a cost effective and simple solution
- Fixtures provide the necessary repeatability
- Installation and commissioning



CONFORMANCE

Turnkey spindle bearing

- Configurable PLC control system
- ATEX compliant
- Consultation with 3rd party test house



M I C R O N  D E S I G N
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