



PSM

THE **CUTTING EDGE** OF
PRECISION ENGINEERING

Founded in 1972, P S Marsden (Precision Engineers) Ltd has been providing manufacturing services for almost five decades. PSM is a company dedicated to supplying high quality precision engineering. To strengthen our reliable performance in the manufacture of precision components, we offer a unique complete flexible machining facility able to produce 1 off prototypes to multiples of 1,000's.

www.psmarsden.co.uk

Linked in

SPECIMENS

TURN-KEY SOLUTIONS

Requirements

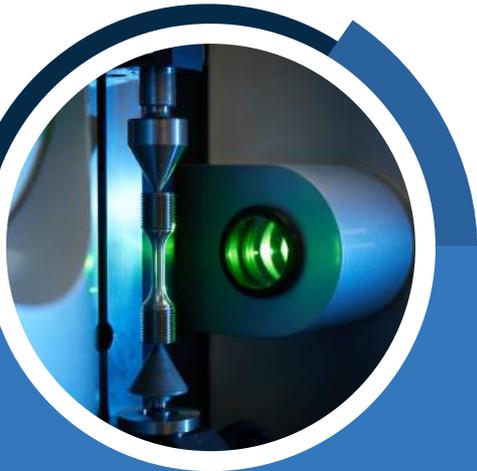
PSM deliver a full range of test specimens to your specific company requirements, relevant ISO or ASTM specifications.

Project Management

We offer a complete turn-key solution package including heat treatment, post machining surface treatments and testing by a NADCAP accredited Test House.

Initial Sectioning

Forged blanks, finished machined or failed components are expertly sectioned on site, in any orientation by many different processes.



Identification & Traceability

Unique and serialised identification is strictly maintained from material receipt, machining operations through to despatch.

PSM Manufacturing Facility

Specimens are machined in our air conditioned shop floor, using state of the art machines, a highly skilled workforce and inspected to EN 9100 standard.

Innovative Machining Methods

PSM have developed many specialised and unique machining methods, including grinding crack initiation notches and a proven repeatable method of introducing controlled “Artificial Damage” into test pieces.

Finishing

Various types of final finishing are requested and PSM can deliver a machined, a ground, a X hatch polish, a longitudinal polish or a super polished finish.

Preservation

All products are packaged to prevent deterioration, damage and tampering during transit and to your specific requirements.

“Quality Is the Culture” is at the heart of our organisation and we pride ourselves on the exceptional level of precision that we deliver to our customers. It is the determined commitment to quality that has helped secure customer approvals and accreditation to international standards.

OUR PLANT

CONTINUED INVESTMENT

EDM

At PSM we have an extensive Wire Erosion section and a range of capacities to suit most sizes of components.

Cylindrical Grinding

Our CNC cylindrical grinding capabilities are carried out with the ultimate in precision and to tight tolerances. We also offer external thread grinding services.

Surface Grinding

Our CNC surface grinding facilities are ideal for batch runs from 1 offs to high volume production.

Multi Axis Milling

Our facility houses a comprehensive range of machines including conventional, VMC and Doosan technology offering 3 + 2 axis control.

Turning

PSM have a large range of CNC and conventional machines to suit our customer's requirements.

Mill Turn

On site, PSM have a pair of Doosan Puma MX 2100ST mill turn lathes, with the capacity and the technology to offer solutions to cover all customer requirements.

Sawing

PSM have large capacity horizontal and vertical sawing available to accommodate all your specifications.

Part Identification

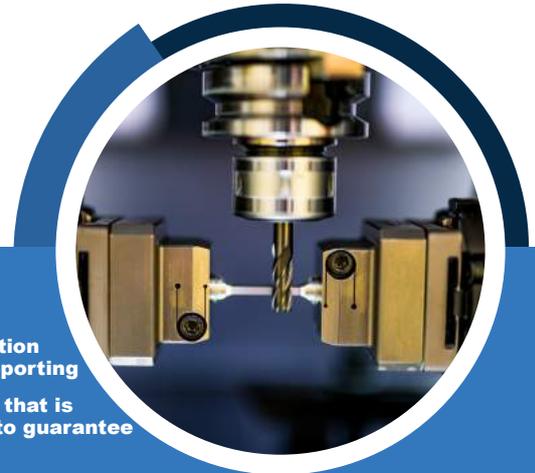
PSM offer a range of part identification solutions including our innovative laser etcher, as well as conventional options.

Inspection

We offer inspection and measurement services including:

- Profile scanning
- CMM inspection
- First article inspection
- Magnified visual inspection
- Surface finish inspection
- Inter operational and final inspection
- Dimensional test reporting

Every part is verified in our temperature and lighting controlled Inspection Department, that is equipped with a catalogue of inspection equipment, all of which are strictly calibrated to guarantee accuracy and repeatability.





**PROUD TO BE
THE BEST IN THE FIELD OF
OUR EXPERTISE**

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