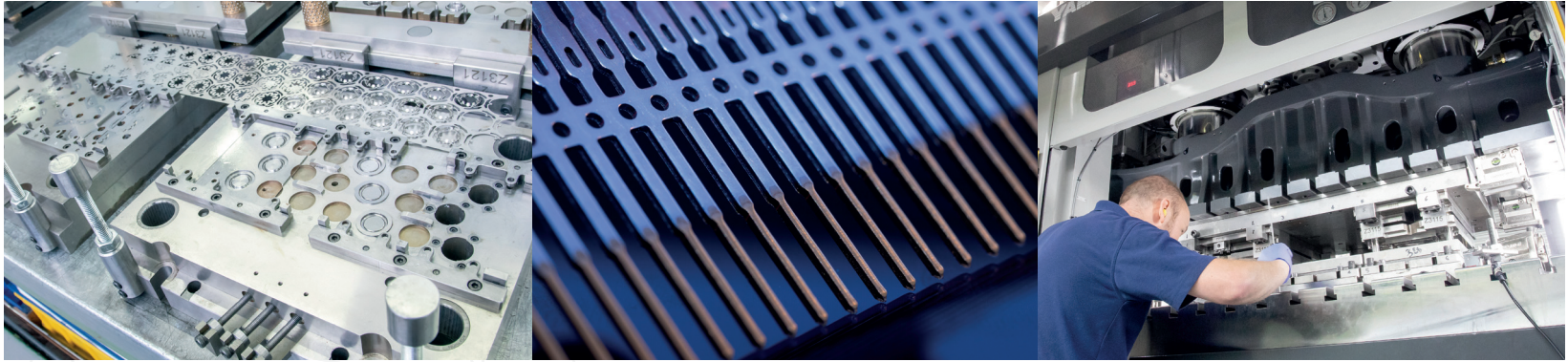




PRECISION ENGINEERED SOLUTIONS

PRECISION METAL STAMPING SOLUTIONS SINCE 1862.

Brandauer is splitting microns at its facility in Birmingham and to put that into perspective, a single hair measures 40 microns. It is this kind of precision that brings Brandauer's capabilities in the design and manufacture of pressed metal components to life.

Everything stamped by Brandauer fits in the palm of your hand and is often fundamental to the operation of products, devices and vehicles used all over the world, every single day.



Design

CAD department with bespoke Visi Vero 3D systems.



Tooling

Three unique standards and press tool transfers.



Components

Bespoke metal stamped parts manufactured in the UK.



Partnerships

Long-lasting relationships built on precise solutions.



FULL SERVICE

The complete range of services required for the supply of pressed metal components: from prototyping, design and in-house tool production or a specialist tool transfer service, through to high-quality manufacturing and logistics.

Brandauer is a world-class engineering company, specialising in the manufacture of high speed precision stamped components, using difficult materials, for a wide range of industry sectors.



Manufactured
in the UK

+44 (0) 121 359 2822
sales@brandauer.co.uk

BRANDAUER.CO.UK

235 Bridge Street West,
Birmingham, B19 2YU, UK



Modern 45,000 sq ft. factory, providing a world class manufacturing facility.



Ongoing investment in state-of-the-art equipment and technology.



Three levels of new tooling: Fixed, Precision and Fully modular.



Highly-skilled staff in design, tooling, production and quality engineering.



2 micron EDM wiring & machining and the latest precision production technology.



Accommodate metals to a thickness of 0.0125mm, operating at tolerances as low as one micron.



3D modelling workstations, advanced automation and controlled conditions.

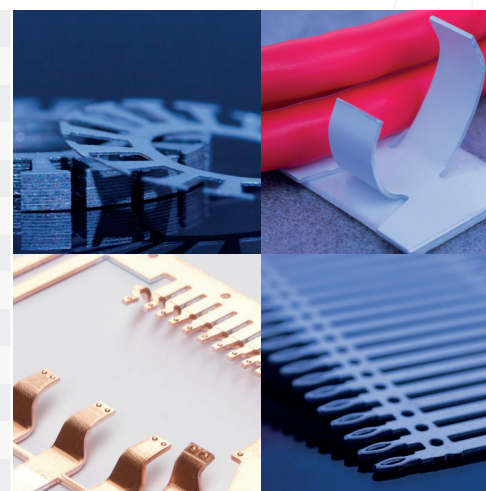


Special Products Division for low volume and prototype stamping projects.



Typical stamped components

Electrical Steel Laminations inc. Stators/Rotors	Low energy lighting contacts
EloPin® Press-Fit compliance pins	Compliance pins (needle eye)
Cable Clips	PCB contacts and welded contacts
Connectors	Fuel cell components
Blade connectors (Insert mouldable)	Water conservation components
Connector pins	Surgical implants
Interim trim clips	Medical facemask clips
Insert mouldable fretwork	Power electronics connectors
Lead frames	Insulation displacement connectors (IDC)
Complex non-ferrous interconnects	Ethernet connector pins
Busbars	Mobile phone interconnects
Sensing application components	Network system components
Precision contacts	EMC shielding clips, strips and cans



Typical materials

Most varieties of metals can be accommodated down to 0.05mm thickness, including titanium, stainless steel, aluminum and complex copper-based alloys such as beryllium copper.

Brandauer is a specialist in working with difficult materials and hard metals, operating at tolerances as low as one micron to achieve outstanding and ingenious manufacturing solutions.

Stainless steels	Pre-plated materials
High carbon steels	Beryllium copper
Non orientated electrical steel	Brass
Copper	Phosphor bronze
Copper alloys	Titanium
Nickel alloys	Aluminium
Pre-coated materials	Molybdenum

FINISHES

- ❑ Gold, silver, nickel, tin and palladium
- ❑ Hexavalent chromium free
- ❑ Selective gold, silver, nickel, tin and palladium
- ❑ Pre-plate, reel to reel
- ❑ Various heat treatment
- ❑ Self colour, degreased and de-burred

Brandauer want to hear about your bespoke metal stamping requirements and the problems you face with finding a solution to your engineering and production barriers – be it design capability, tooling solutions or specific component specifications.

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