

Pressed Parts



Technology at work for you



Goudsmit UK is part of the Goudsmit Group of companies based in Eindhoven, the Netherlands. Founded in 1960 the group manufactures and supplies a range of products from components through to capital equipment. The group has subsidiary companies across Europe and into Asia.

Goudsmit UK was founded in 1998 and specialises in the design, industrialisation and manufacture of custom industrial components. The company can also design and sub-contract manufacture entire products and offers a comprehensive and global logistics service.

TS16949 and ISO9001 qualified the company works in a wide range of market segments including Automotive, Oil and Gas, Aerospace, Medical Devices and Green Technology.

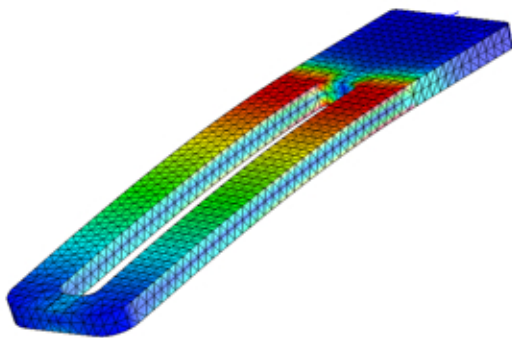
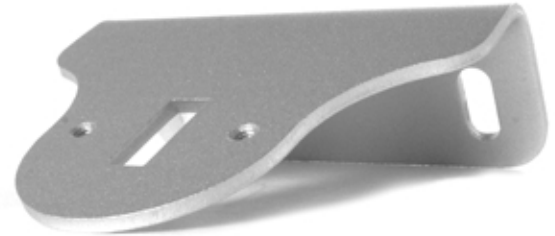
Pressed Part Manufacture

Goudsmit UK manufacture a wide range of pressed parts from small batches right up to large production runs. We can supply the needs of most clients from basic stamped parts to precision and deep drawn presswork, right through to progression and multi-stage presswork. The majority of our work is run on mechanical presses with the tooling produced and maintained in-house.

MATERIALS

The range of materials we can supply parts from is quite extensive. The form of the part and its required performance in the application will define what material is used. We can help in recommending which is the best material for which form and which application. Materials include:

- Stainless steel 304, 316, 430
- Mild steel and alloy steels
- Brass
- Copper
- Aluminium 6061, 6082



DESIGN

As well as designing the press tooling and manufacturing the parts, we can also use FEA analysis to define how the finished part will perform. The FEA image shows a bracket which has been stamped and formed. The analysis allows us to predict the part's behaviour when it is under load, and if or where it will fail.

FINISHING

Goudsmit UK offers a wide range of finishes to the pressed parts depending on the original material. A non-exhaustive list includes:

- Anodising
- Electro-plating
- Shot-blasting
- Polishing
- Wet painting
- Powder coating
- Achroming
- Bead-blasting
- Rumbling



POST MACHINING

After pressing and forming, parts can be drilled and tapped to provide thread fixings. Intricate forms that could not be pressed can be added by CNC milling.

Worldwide Service

- Goudsmit UK is part of the Goudsmit Group of companies. With two production facilities in China, one in the Czech Republic and two in Holland, the company has the reach to supply from Asia to Europe and on into the USA



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