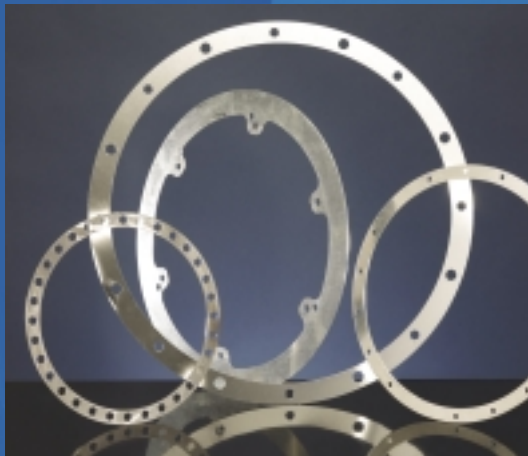


TECHNOLOGY-DRIVEN COMPONENT AND ASSEMBLY SOLUTIONS FOR AEROSPACE AND INDUSTRY

Laminated and solid packers, spacers and tapers



Capabilities

Some assembly techniques demand a packer or spacer with a constant thickness. Attewell produces these in a similar way to those manufactured from laminated stock, using press or machine conversion processes. An infinite variety of shapes can be produced dedicated to a specific customer requirement. A full testing and protective treatment service is offered on all components, using approved sources.



Tapers and packers

Tapered shims are designed to cope with angles and curves and ensure a close tolerance assembly whenever relatively large spaces are encountered between mating parts. Customised tapered shims are manufactured using a technique that does not require specialist tooling and they can be produced precisely and economically in small or large batches.



Material stock

Attewell holds a wide range of materials including:

- Mild Steel
- Stainless Steel
- Brass
- Copper
- Spring Steel
- Phosphor Bronze
- Aluminium
- Titanium

Other materials can be obtained on request.

Attewell's quality systems ensure that all materials are fully traceable and test certificates are available on request.

Close tolerance assembly solutions
for aerospace and industrial applications

TECHNOLOGY-DRIVEN COMPONENT AND ASSEMBLY SOLUTIONS FOR AEROSPACE AND INDUSTRY



Shapes

Components are manufactured from customers' drawings using an extensive range of in-house machine tools and equipment. The choice of process will be determined by the nature of the product and the method that offers the best economic solution or speed of conversion.

Production processes include:

- **CNC milling:** max. component size 914mm x 381mm (36" x 15")
- **CNC turning:** max. dia 406mm (16")
- **CNC punch pressing:** component size up to 102 x 204mm
- **CNC routing:** bed working area: 3099mm x 1537mm (122" x 60.5")
- **Photo-chemical machining (PCM)** standard sheet 450mm x 300mm (18" x 12")
- **Conventional press work:** (up to 40 tonnes)

Quantities

Production quantities are from one-off prototyping to a large range of batch sizes either as a single delivery or according to a pre-determined schedule.

The company's CNC Punch Press facilities provide a versatile and rapid conversion service.



Attewell Limited

4 Southbridge Way, Southall, Middlesex UB2 4BY, UK

Tele: +44 (0) 870 777 4210

Fax: +44 (0) 870 777 4211

Email: sales@hampsongroup.com

Web: www.attewell.co.uk



professionalism
commitment excellence



www.hampsongroup.com