

Precision Sealing Solutions

A world leading manufacturer of precision engineered high-temperature metallic seals and retaining rings for aircraft engines, gas and steam turbines, vehicle turbochargers, control valves and many other challenging industrial environments.

Since the 1930s Cross Manufacturing has specialised in the design and manufacture of heat resisting wrought alloy products, combining technology with innovation to achieve world-class quality and precision.

This dedication to quality and excellence is recognised throughout the world.

CROSS MANUFACTURING

Established by Roland Cross in the 1930s to develop his rotary valve engines.

Research, Development & Testing

Research, development and testing with high-temperature, high-speed capabilities, testing sealing systems and components under simulated, real-world conditions.

- Hot, high-speed transient dynamic seal rig
- Ambient, high-speed dynamic seal rig
- Multiple static leakage rigs
- High-temperature fretting rig
- Transverse vibration junkers rig



CROSS



+44 (0) 3301 22 44 00



www.crossmanufacturing.com



contact@crossmanufacturing.com

CROSS

WWW.CROSSMANUFACTURING.COM

PRECISION SEALING SOLUTIONS



Our Capabilities

Finding a trusted partner who can offer a complete tailored service from design to manufacturing and implementation isn't easy, but with our experienced engineers, highly skilled manufacturing staff and 3 dedicated manufacturing plants, we are the ideal partner to find solutions that fit your needs.



Materials



Unique Metal
Forming



Size Range &
Volume



Technical
Expertise



Special
Processes



Engineered
for Space



Defence
Capable



Trusted
Partner

Your Manufacturing Partner

With versatile manufacturing processes, Cross is the trusted partner to OEMs, delivering millions of components every week.


Our background in high-volume automotive manufacturing and established, bespoke processes make us the preferred partner in high-volume, high-precision and high-quality manufacturing.

Metal Forming Specialists

Experts in rolling and forming delicate metallic cross-sections, minimising waste and optimising use of high-value, exotic alloys.

Our processes offer significant improvements in mechanical properties over rings machined from sheet or forgings, including a very precise circumferential fit and strength to maintain position in challenging operating conditions.



 **Bath (Head Office)**
Midford Road, Bath, BA2 5RR, UK

 **Devizes North**
Hopton Road, Devizes, SN10 2EU, UK

 **Devizes South**
Hopton Road, Devizes, SN10 2EU, UK