



CWA

Custom Welded Assemblies



In-House Application Design Engineers to Solve Your Specific Requirements

ZOOK invests heavily in ensuring we have available the latest technology, design and production solutions for the many engineering industries we support. Our Application Design Engineers 'partner' with our customers, ensuring we understand what you are looking to identify and achieve the best solution to accomplish your objectives.

Each application is reviewed entirely on its own merits and objectives, allowing ZOOK to identify the optimum engineering and commercial solutions.

With both TIG and Laser Weld technology to choose from, we will provide the optimum manufacturing solution for your application.

Custom Design Engineering

- Customised Welded Assemblies
- Customised manufactured solutions
- Customised 3D software producing the latest 3D drawings allow a greater understanding of the proposed solution
- Free of charge design guidance, combined with timely, friendly, personal assistance
- Quick turnaround service as standard
- Both factory and local support, worldwide

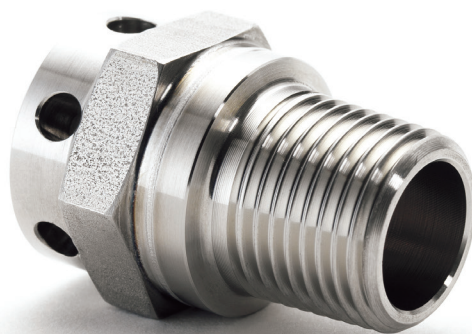
Total flexibility regarding materials, size, medium, flow type, connection type, pressure rating and international acceptance codes.

Despite the high level of technology we employ to design and manufacture your requirement, we always try to keep the solution as simple as possible.

ZOOK provides solutions to meet the highest industry standards such as high vacuum operation where exceptionally low leakage levels are a necessity - as proven by our in-house helium leak test certification.

Safety through knowledge and performance

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Industries We Serve:

- Oil and Gas (Onshore and Offshore)
- Power and Energy
- Biotech and Pharmaceutical
- Extrusion
- OEM (Original Equipment Manufacturers)
- Military
- Aviation
- Outer Space Equipment
- Ultra Pure Applications
- Research Universities and Laboratories
- Magnetic Resonance Imaging

Manufactured in Accordance to Global Standards:

- EN ISO 4126-2
- Pressure Equipment Directive (PED 97/23/EC)
- ASME VIII
- GOST-R
- AD2000 Merkblatt-TUV
- ASME III
- API520

Disc Types:

- Scored Forward Acting
- Scored Reverse Acting
- Solid Metal Reverse Acting
- Pre-Bulged Forward Acting
- Graphite Designs

Common Disc Materials:

(Various Plating and Coatings available)

- Stainless Steel
- Nickel
- Inconel
- Monel
- Hastelloy
- Tantalum
- Silver
- Gold
- Aluminium
- Titanium

Common Holder and Body Materials:

- Stainless Steel
- Duplex
- Super Duplex
- Hastelloy
- Inconel
- Monel
- Tantalum
- Titanium



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Monel – TM Huntington Alloys
Inconel – TM International Nickel
Hastelloy – TM Cabot Corp



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