



## Custom Welded Assemblies



Safety through knowledge and performance.



## 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.

Total flexibility regarding materials, size, medium, flowtype, 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.



---

### Custom Design Engineering Solutions:

---

- Customized Welded Assemblies
- Customized manufactured solutions
- Customized 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
- Efficient engineering review service as standard
- Both factory and local support, worldwide



## About ZOOK Rupture Disks

ZOOK combines over 90 years of experience in the manufacturing of rupture disks, explosion vents and other pressure relief products with locations across the globe.

ZOOK is recognized as a leader in providing metal and graphite rupture disk solutions in the chemical

processing, petroleum refining, OEM, pharmaceutical, food and beverage, transportation and powder/bulk industries worldwide. ZOOK continues to innovate new products that are capable of providing worldwide overpressure protection solutions.



### Industries We Serve:

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



### Manufactured in Accordance to Global Standards:

- EN ISO 4126-2
- Pressure Equipment Directive (PED 2014/68/EU)
- ASME VIII
- GOST-R
- AD2000 Merkblatt-TUV
- ASME III
- API520

### Disk Types:

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

### Common Disk Materials:

*(Various Plating and Coatings available)*

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

### Common Holder and Body Materials:

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

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



Safety through knowledge and performance.



Industrial Safety Systems

Drive the flow

# Aura Industrial Safety systems

ZOOK Representative & Distributor for Spain and Portugal

Vía Augusta 82, Planta 3  
08006 Barcelona  
[www.AuraISS.com](http://www.AuraISS.com)

Tf: +34 930 331 000  
Mobile: +34 644 75 33  
48 [Aura@AuraISS.com](mailto:Aura@AuraISS.com)