



FLANGE ACCESSORIES

Slip / Spectacle Plates & Blank Flanges



INDUSTRY



INFRASTRUCTURE



PULP & PAPER



OIL & GAS



ENERGY



TRANSPORT



CHEMICAL



PHARMA



FOOD & BEVERAGE



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In 2003, KLINGER Limited expanded its long-standing leadership in sealing technology through the acquisition of C N Hadley, a major producer of slip plates and blank flanges. This step helped the KLINGER Group build a global supply of complete industrial sealing solutions, made in the United Kingdom.



KLINGER UK offers a service centre network designed to keep vital products and support close to major industrial areas. With skilled sales, technical, and production staff across the UK, we work to deliver the right sealing solution exactly when it's needed.

- » Complete KLINGER product stockists
- » Custom machining to all requirements
- » Fast-response manufacturing
- » 24-hour callout
- » On-site technical teams for shutdowns and projects
- » Environmental emissions support
- » Consignment stock programmes

Orifice Plates



KLINGER Orifice Plates are manufactured to recognised standards or customer-specific requirements, combining precise dimensional control, flexible material options, and in-house machining and welding capabilities to support accurate and reliable flow measurement for liquids and gases.

Sizes & Ratings:

We can produce and supply all required sizes to any standard. Please contact our team for more information.

Materials:

Please refer to **page 5** for material options.

Face Finishes Available:

- » RF (Raised Face)
- » Flat Face (to suit RF)
- » Female RTJ
- » Male RTJ
- » & More

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Standards & Profiles:

Primarily stocked unmachined profiles to a variety of different standards, including (but not limited to) **ASME B16.48, Shell Standard, SABIC, DIN Standard.** for flexibility and fast lead times. Can be supplied to any applicable standard.

Sizes & Ratings:

We can produce and supply all required sizes to any standard. Please contact our team for more information.



Spectacle Plates

KLINGER spectacle plates, also known as figure-of-eight plates, are manufactured to recognised international standards or bespoke customer specifications, combining clear, fail-safe pipeline isolation with flexible sizing, material options, and compatibility across a wide range of flanged systems.

Slip Rings



KLINGER slip rings, also known as spacer rings or paddle spacers, are manufactured to recognised international standards or customer specifications, combining flexible production from stocked profiles with a wide choice of face finishes to ensure reliable fit, compatibility, and efficient lead times across a broad range of applications.

KLINGER also manufactures full spectacle blinds to complement paddle spacers.

Face finishes available:

- » RF (Raised Face)
- » Flat Face (to suit RF)
- » Female RTJ
- » Male RTJ
- » & More

Standards and Certification:

We can produce and supply all required sizes to any standard. Please contact our team for more information.

Slip Plates

Face finishes available:

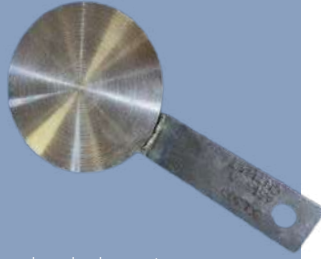
- » RF (Raised Face)
- » Flat Face (to suit RF)
- » Female RTJ
- » Male RTJ
- » & More

Sizes & Ratings:

We can produce and supply all required sizes to any standard. Please contact our team for more information.

Materials:

Please refer to material options below..



KLINGER slip plates (also known as a paddle blank, blind skillet) are manufactured to recognised standards or bespoke customer specifications, combining flexible face finish options, broad material availability, and unmachined profiles to support safe, effective line isolation during maintenance, testing, and commissioning.

Primarily stocked unmachined for flexibility and faster turnaround.

Manufactured, but not limited to, **ASME B16.48**, **ASME B16.5 / API 590**, and major operator standards including **BP**, **Shell**, **ConocoPhillips**, **Texaco**, and **INEOS**.

Materials

Materials to suit all NACE and other requirements. All materials are from the EU. If the material you require is not listed above, get in touch with us today, our wide global network allows us to source a wide range of exotic materials.

Carbon Steel:

- » A516-70/LT50
- » A516-60/430 A/B
- » A516-70/LT50 HIC TESTED
- » A516-60/430 A/B HIC TESTED
- » S275JR

All others are on request

Stainless Steel:

- » A240 S/S 316/316L DUAL
- » A240 S/S 304/304L DUAL
- » A240 S321
- » A240 S31803 (DUPLEX)
- » A240 S32750
- » A240 S32760

We also stock:

- » Stainless steel | 304,316,317,321,347
- » Carbon steel
- » Incolloys | 600,625,800,825
- » Nickel Alloys | 200/201,400
- » Hastelloy | C22,C276,B2/3
- » Titanium grade 2
- » Alloy | 20,31,410
- » Duplex | 31803,32750,32760,31254
- » 316Ti
- » Aluminium 1050H
- » Copper
- » Brass
- » Zirconium

HADLEY MANUFACTURING

Based at our Middlesbrough Service Centre, the KLINGER Hadley facility has been manufacturing spectacle blinds, slip plates, slip rings and many other flange accessories for over two decades. With continued investment in new machines and improved production methods, we focus on delivering strong, reliable products.



HADLEY CAPABILITIES:

Centre Lathes

Milling Machine

Tig Welding

Radial Arm Drilling

Designated storage
of profiles

Storage of finished
products

In-house machining
and welding help us
deliver fast
turnaround

trusted. worldwide.

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ADVANCED CUTTING CAPABILITIES

Here at KLINGER UK, we invest exclusively in advanced manufacturing technologies and work in close partnership with our customers to ensure supply requirements are met to the highest achievable standards. Our approach combines precision engineering, flexible capacity, and a commitment to quality across every project.

Our high-precision cutting facilities are designed to handle both non-metallic and metallic components with exceptional accuracy and consistency.

WATER-JET PROFILE CUTTING

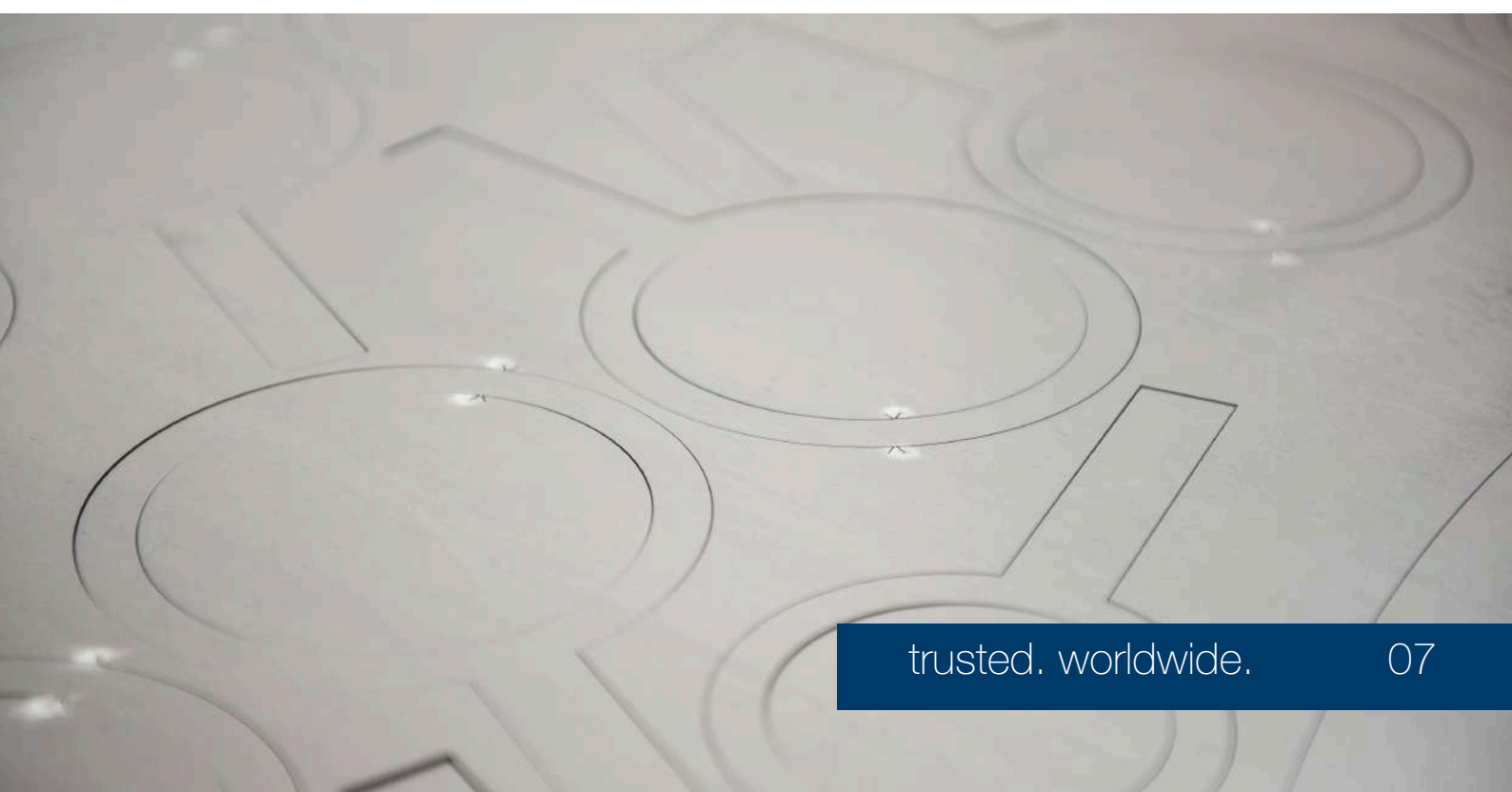
- » Produces complex profiles in a wide range of materials
- » Software-controlled tilting jet technology eliminates taper
- » The kerf angle is directed entirely into the scrap zone, delivering true 90-degree cut edges
- » No heat-affected zones, ensuring:
 - » No structural changes to the material
 - » No distortion of the finished component
- » Ideal for applications where material integrity is critical

FIBRE LASER CUTTING

- » Dual-bed 6 kW fibre laser for high productivity and precision
- » Complements water-jet cutting by enabling efficient processing of a full range of materials
- » Delivers clean, accurate cuts to the most stringent tolerances
- » Optimised for repeatability, speed, and consistent quality

FLEXIBLE CAPACITY, RELIABLE DELIVERY

- » Capable of supporting both small batch and large-scale production
- » Designed to meet demanding lead times without compromising quality
- » Engineered to adapt to diverse customer specifications and industry requirements



PRECISION ENGINEERING



KLINGER UK's Precision Production Facility specialises in complex, high-tolerance machined components. Equipped with CNC milling and turning, surface and cylindrical grinding, and the latest WEDM technology, the workshop delivers precision, consistency, and reliability across demanding applications.

Our Precision Engineering facility supports KLINGER UK's growing demand for exotic alloy Ring Type Joints (RTJs), particularly in the offshore oil and gas sector, where performance, integrity, and material quality are essential.

Capabilities:

- » Wire erosion (WEDM)
- » CNC milling
- » CNC turning
- » Surface grinding
- » Cylindrical grinding
- » High-precision machining of exotic alloys

Built to the highest industry standards, KLINGER Precision delivers reliable components for the most demanding environments.

KLINGER UK

Total Integrity Solutions

Did you know? KLINGER are a world leading supplier and manufacturer of a variety of industry leading sealing solutions. By partnering with KLINGER UK, you can gain access to a variety of products and services.

OUR PRODUCTS:



- » Metallic & Semi-Metallic Gaskets
- » Jointing Materials
- » Valves
- » Level Gauges
- » Insulation Sets
- » & More



KLINGER INTEGRITY SERVICES

Collaborate. Innovate. Optimise.

- » Flange Management (inc. IntegrityXpert Flange Management Software)
- » Controlled Bolting
- » Bolt Torquing & Tensioning
- » On-site Machining
- » Leak Testing & QA/QC
- » Hot Bolt Clamp
- » Hydraulic Testing Services

