



# KLINGER HADLEY

## Slip / Spectacle Plates & Blank Flanges



INDUSTRY



INFRASTRUCTURE



PULP & PAPER



OIL & GAS



ENERGY



TRANSPORT



CHEMICAL



PHARMA



FOOD & BEVERAGE



# KLINGER HADLEY

During 2003 KLINGER Limited, an already well-established leader in sealing technology – acquired C N Hadley, a large and independent slip plate, and blank flange manufacturer. The KLINGER Group's vision was to create a worldwide supply of a complete range of industrial sealing and associated products, including slip/spectacle plates and blank flanges. With the acquisition of C N Hadley, this vision would come to life with a KLINGER-owned company, manufacturing quality specialist products in the United Kingdom.

# MANUFACTURE, SERVICE, AND DISTRIBUTION

## Nationwide Service Centre Network:

KLINGER UK service centre network is unique in the industry and allows the range of KLINGER products and services to be readily available close to major industrial hubs and distributors.

Our dedicated sales, technical, and production staff, throughout the KLINGER UK network, are focused on customer service and providing the right sealing product and solution at the right time.

- » Stockists of the complete KLINGER product range
- » Machining facilities for special slip/spectacle blank flange requirements
- » Emergency manufacturing
- » 24-hour callout
- » Technicians & technical support personnel available for on-site shutdown/projects
- » Environmental emissions services and guidance
- » Consignment stock management



## GLOBAL SUPPLIER | LOCAL PARTNER



# STOCK & STANDARDS

KLINGER manufacture Spectacle Blinds, Slip Plates and Slip Rings to meet the latest standard across multiple applications. Manufactured to suit a range of flange faces including, Flat face to suit Raised faces, raised face and Ring Joint our products are manufactured to:

- » ASME B16.48 or to other customers requirements / standards
- » BP
- » Shell

## 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

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.



# HADLEY MANUFACTURING

The KLINGER Hadley facility is based at our Middlesbrough Service Centre, where we have been manufacturing Spectacle Blinds, Slip Plates, Slip Rings and various other flanges for over 20 years. We have invested in the latest machines and manufacturing capabilities to deliver maximum-quality products.

## Capabilities include:

- » Centre lathes
- » Milling machine
- » Tig welding
- » Radial arm drilling
- » Designated storage of profiles
- » Storage of finished products
- » Having machining and welding capabilities our lead times are extremely competitive



## LASER / WATER JET

Here at KLINGER, we only use advanced technology manufacturing equipment, we work in close liaison with our clients to ensure their supply requirements are met to the highest standards achievable.

Our high-precision water-jet profile-cutting facility produces both non-metallic and metallic components. Software-controlled water-jet tilting jet technology allows the production of taper-free components. The cutting kerf angle normally found with water-jet profiling is moved completely into the scrap zone, producing 90-degree cut edges. Water-jet cutting does not produce heat-affected zones or structural material changes in the cut edge and is distortion free.

KLINGERS dual bed 6 KW Fibre laser complements the water jet cutting facility, combining precision with efficiency allowing for a full range of materials to be cut to the most stringent requirements. The capacity provided by KLINGERS cutting facility means KLINGER can meet your requirements large or small.



# PRECISION ENGINEERING

KLINGER UK's precision production facility specialises in highly complex machined parts. Housing a range of specialised machinery, including CNC Milling and Turning, Surface and Cylindrical Grinding, as well as the latest WEDM equipment.

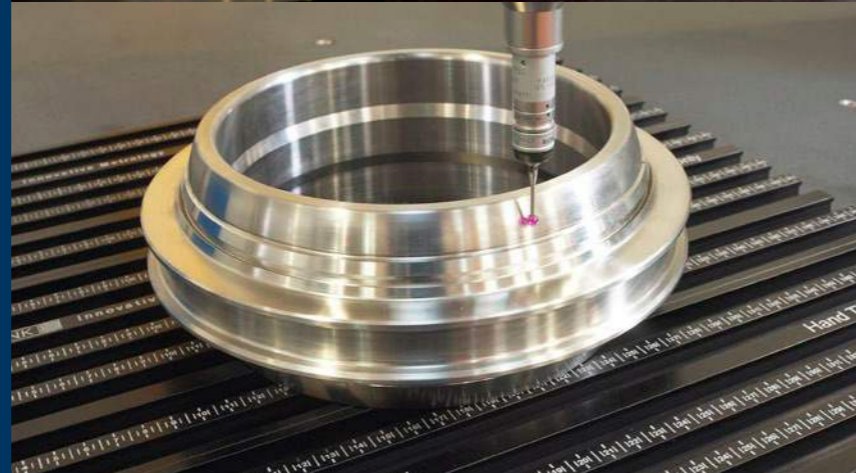
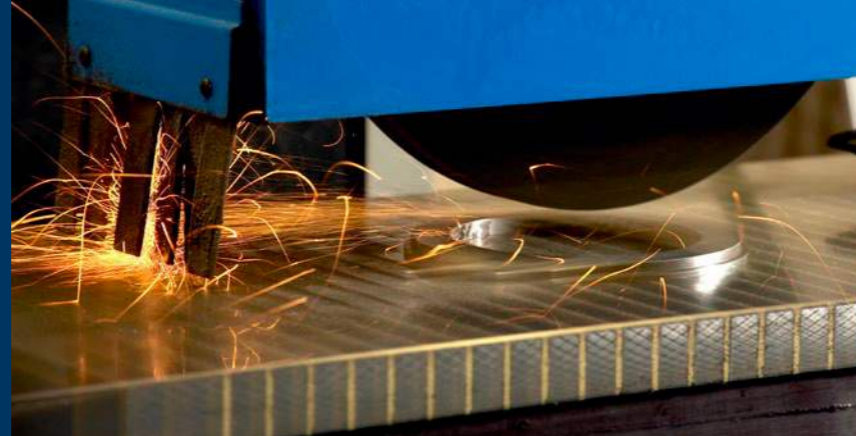
KLINGER Precision is supporting KLINGER UK's pre-existing and ever increasing demand for exotic alloy RTJ's for the offshore Oil and Gas Industries.

## PRODUCTS

- » BOP wellhead rings
- » Machined components from one-off bespoke products to multi-batch work
- » Tubesheets
- » Press tool design & manufacture
- » Baffle plates

## CAPABILITIES

- » Wire erosion
- » Milling
- » Grinding
- » Turning
- » High precision measurement using latest CMM equipment



# INTEGRITY SERVICES

Klinger Integrity Services brings to the market our trusted design, manufacture and supply of sealing products together with industry leading flange management tools and on-site services in one package.

The success of the KLINGER Integrity Service team is built on a global model with over 60 years' on-site experience in gasketing, bolting, machining, and testing services.

### Site Services

- » Flange Management
- » QA/QC Inspections
- » Controlled Bolt Torquing
- » Onsite Machining Solutions / Flange Face Inspection & Repairs
- » Leak Detection — LDAR
- » Ultrasonic Bolt Monitoring
- » RIT Sentry Gasket installation and Testing
- » Hydro Testing
- » Pigging & Pipeline inspection
- » Valve Management
- » Hose Management

### Digital Joint Integrity

- » Our unique KLINGER INTEGRITY XPERT system is the most comprehensive flange management tool on the market
- » Document management
- » Shutdowns / Turnarounds
- » ASME PCC-1 and EN 1591/1 design calculations
- » Integrated drawing mark up package and work pack overlay capabilities
- » Fully auditable integrity history



## DEDICATED PROJECT MANAGEMENT TEAM

KLINGER Projects team brings together multi-disciplines to ensure a focused one-team approach to your project. With the experience of supplying both Greenfield and Brownfield sites across the world, KLINGER Projects can support all stages of your project from Feasibility and FEED studies to commissioning, start-up, and handover. As a manufacturer and service provider KLINGER has worked with asset owners and EPC contractors ensuring a quality solution for all project requirements from small to megaprojects.

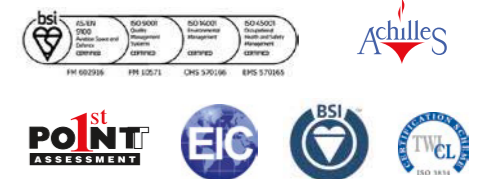
Our technical team is unrivaled, with gasket, valve, and instrumentation product specialists on hand to offer advice and recommend the most advanced solutions to meet EPC and project requirements.

Our team provides the following across all our products and services:

- » Engineering support and calculations
- » Flange Management solutions
- » Commercial support, scheduling, and pricing
- » Documentation Control
- » Quality Assurance & Certification
- » Onsite services and training
- » Logistics Support

KLINGER's global network of companies and partners means that we can supply ongoing support to the facility through local stock and service technicians.

### Accreditations:



trusted. worldwide.

**Bradford Head Office**

KLINGER Ltd.  
The Klinger Building  
Wharfedale Road  
Euroway Trading Estate  
Bradford BD4 6SG  
Tel: +44 (0) 1274 688 222  
Fax: +44 (0) 1274 688 549  
Email: sales@klingeruk.co.uk

**Projects**

The Klinger Building  
Wharfedale Road  
Euroway Trading Estate  
Bradford BD4 6SG  
Tel: +44 (0) 1274 688 222  
Fax: +44 (0) 1274 688 962  
Email: projects@klingeruk.co.uk

**Aberdeen**

Unit 31  
Wellheads Crescent  
Wellheads Industrial Estate  
Dyce, Aberdeen  
AB21 7GA  
Tel: +44 (0) 1224 772 962  
Fax: +44 (0) 1224 772 953  
Email: aberdeen@klingeruk.co.uk

**Immingham**

Unit 2  
Manby Road Industrial Estate  
Immingham  
North East Lincolnshire  
DN40 2LH  
Tel: +44 (0) 8449 676 778  
Fax: +44 (0) 8449 676 779  
Email: immingham@klingeruk.co.uk

**Grangemouth**

Unit A  
Block 2  
West Mains Industrial Estate  
Grangemouth FK3 8YE  
Tel: +44 (0) 1324 472 231  
Fax: +44 (0) 1324 482 111  
Email: grangemouth@klingeruk.co.uk  
acorn@klingeruk.co.uk

**International**

The Klinger Building  
Wharfedale Road  
Euroway Trading Estate  
Bradford BD4 6SG  
Tel: +44 (0) 1274 688 222  
Fax: +44 (0) 1274 688 962  
Email: international@klingeruk.co.uk

**Runcorn**

Unit 21  
Dewar Court  
Astmoor Industrial Estate  
Runcorn, Cheshire  
WA7 1PT  
Tel: +44 (0) 1928 577 030  
Fax: +44 (0) 1928 575 223  
Email: runcorn@klingeruk.co.uk

**Southampton**

Unit 16  
Parham Drive  
Boyatt Wood  
Eastleigh, Hampshire  
SO50 4NU  
Tel: +44 (0) 2380 611 855  
Fax: +44 (0) 2380 610 360  
Email: southampton@klingeruk.co.uk

**Middlesbrough**

Klinger Unit  
Drake Court  
Britannia Park  
Middlesbrough TS2 1RS  
Tel: +44 (0) 1642 220 289  
Fax: +44 (0) 1642 220 290  
Email: boro@klingeruk.co.uk  
hadleys@klingeruk.co.uk

**Projects USA**

KLINGER Ltd  
3803 South Sam Houston Parkway W.  
Houston, TX 77053  
Tel: +1 713 997 8111  
Email: projectsus@klingerprojects.com