

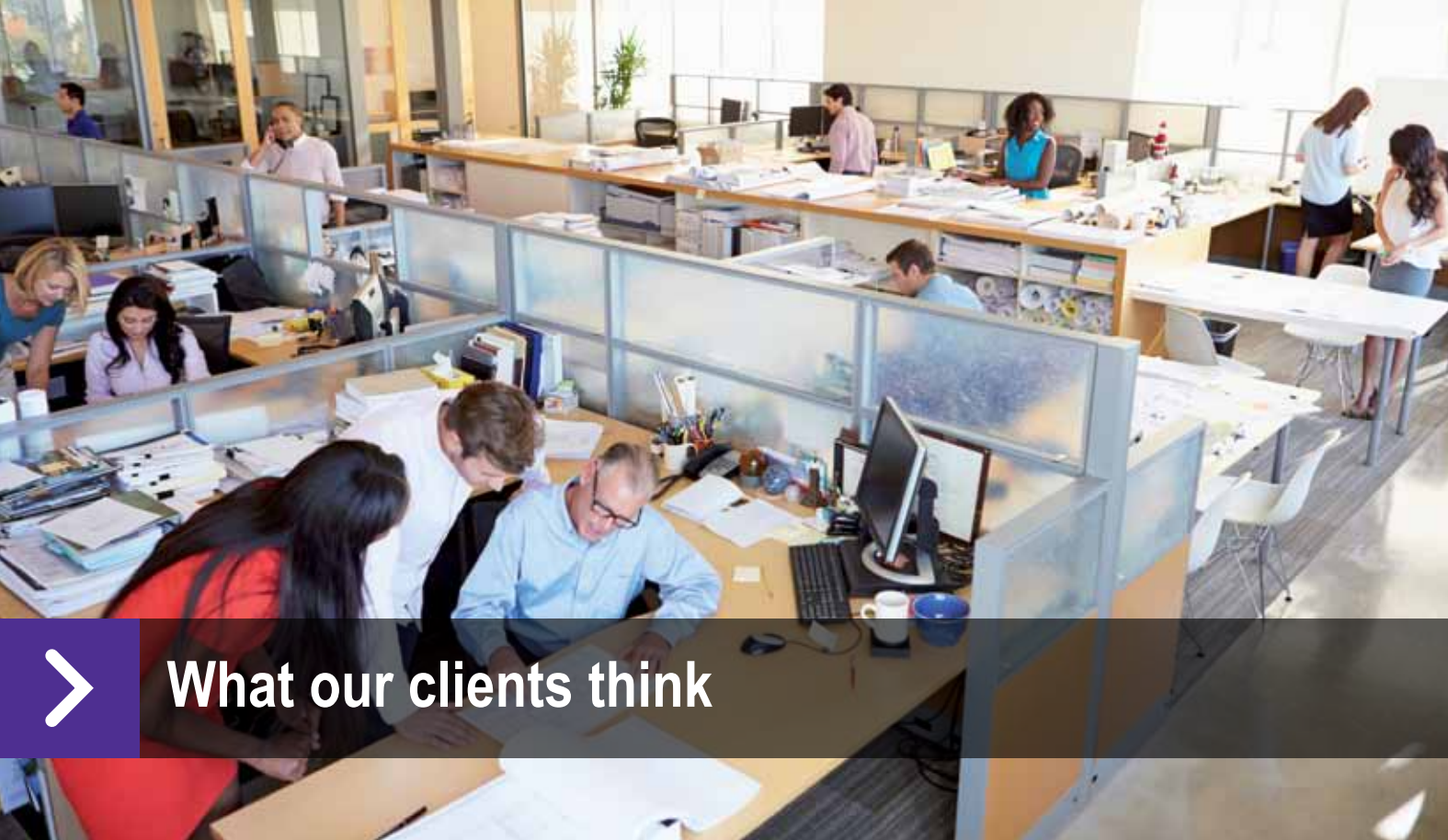


Specialists in turbocharger repair and service



www.tsi.eu.com

tsi
Turbo Service International



What our clients think

Here are just a few comments from our valued customers...

TSI Turbo Service International have consistently provided us with what we need as an international ship operator... Good service, readily available competitive parts, technical knowledge, easy 24hr communication, and a 'can do' attitude when it gets difficult.

Credit should go to the TSI Engineer, and the team working alongside him for the ships successful arrival on time and subsequent return of DG4 to a fully working condition. Had it not been for the engineer working from day one, very long hours into the early morning and until the job was completed, we would not have made our call to El Ferrol on time. His hard work, dedication and positive approach from the start paid great dividends, and it is very refreshing to see such a general all round professional engineer giving great service on our ships. The TSI engineer deserves a great deal of recognition and thanks for a job extremely well done.

I would like to thank everyone involved in the Gas outlet casing work on DG3. It just goes to show what can be done with good organisation, cooperation and team work. It started with an e-mail request from our 1st Engineer to TSI for a new gas inlet casing. Time - 15:00hrs. 6th May. The part weighing 290 Kg was shipped by road from UK to Bordeaux France, arrived and on board our vessel in just under 24 hours later. Two TSI technicians arrived from Holland at the same time. Part fitted, Turbocharger assembled, Job completed and engine ready for testing Mid night 7th May. This is an incredible feat well done.

I'd like to extend my thanks on behalf of our vessel and Company for a fantastic job with overhaul of #2 DG turbo in Beaumont USA recently. Your technician worked some very long hours and was found to be extremely knowledgeable and professional. Looking forward to more work in the future with TSI.



About TSI

The company has sophisticated purpose-built workshops in Houston, Rotterdam, Southampton, Malta, strategic international partners in Dubai, Hong Kong, Italy, Shanghai, Singapore, Turkey and sales offices in Athens and Cyprus.

TSI prides itself on being an independent company allowing the flexibility to offer services for all models of marine turbochargers. Our expert engineers are all trained to OEM standards. All work is covered by a comprehensive 12-month warranty, making the company a cost effective and reliable alternative to the OEM. All our engineers are OEM trained at Mitsubishi, training has been carried out at MAN Augsburg. In addition we employ 5 ex ABB engineers.

TSI partner with NTN-SNR to assemble and market a full range of high quality roller bearings. From our state of the art bearing room in Rotterdam, TSI deliver all types of bearing units to the global marine and power station markets.

TSI's 24 hour dedicated breakdown team can take responsibility for all aspects of a breakdown, from supply of spare parts to organising logistic support and attendance of engineers worldwide. To achieve this, the company works with specialist logistic partners, who have positive relationships with airlines around the world to ensure priority treatment when required. A door to deck service covers the entire supply chain from collection, dealing with customs and port authorities, to delivery on board. TSI engineers regularly attend OEM factory courses to ensure their skills remain current.

TSI aims to deliver on time, every time, to its customers' exact specification and satisfaction.

Shipping is a risk business with movable parameters, we are as flexible as you are and will always react accordingly.



**Comprehensive worldwide 12 month warranty
on all parts supplied by TSI**



Our combined facilities are highly proficient in carrying out comprehensive repairs and reconditioning to all makes of turbochargers.

TSI have purpose built workshops in Houston, Rotterdam and Southampton, Malta, Sales Offices in Athens, and Cyprus and Strategic International partners.

TSI operate out of newly refurbished workshops in Southampton and Rotterdam. Our Rotterdam facility is the home of our state of the art bearing room.



TSI are pleased to announce that we have recently been awarded RINA certificate of approval for the servicing of turbochargers in both our Rotterdam and Southampton Workshops

This is an important milestone for TSI as the accreditation officially shows compliance with the "Rules For the Certification Of Suppliers" for the servicing of Turbochargers.



TSI's facility in 's-Gravendeel, Rotterdam (Netherlands) opened its doors in May 2016 and is proficient in carrying out comprehensive repairs and reconditioning of all makes of turbochargers.

The Rotterdam service centre is ideally located to carry out your service work in the Belgium, Germany and Netherlands areas and is also the home to our travelling engineers if overseas works required.

This is a welcome addition to the TSI Network and has been established as part of a continuous commitment to maintain and improve our services globally and to support the assembly of the NTN/SNR turbocharger bearings. TSI is one of only two authorised companies to assemble these bearings for the marine industry.

The TSI Netherlands branch is ideally positioned to provide the local ports with a complete turbocharger service covering all makes and models of turbochargers.





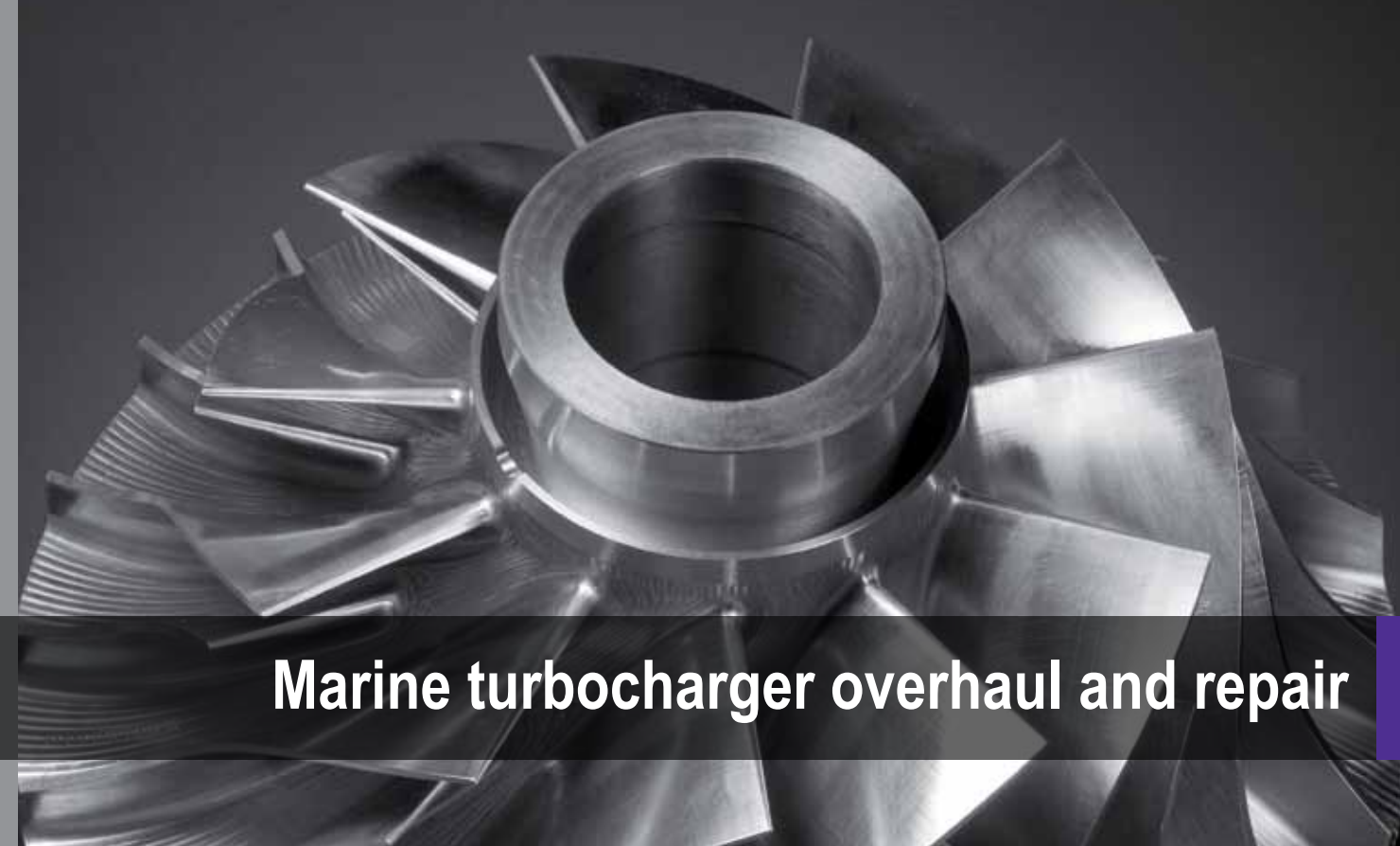
Turbocharger bearings

TSI partner with NTN-SNR to assemble and market a full range of high quality roller bearings. From our state of the art bearing room in Rotterdam, TSI deliver all types of bearing units to the global marine and power station markets.

To guarantee the best possible service life, NTN-SNR use only the highest specification steels and maintains full traceability of all processes and operations in the manufacture of the bearings.

The level of excellence from NTN-SNR is not only in the product but also in the packaging. Naked Bearings from NTN-SNR are fully vacuum packed in order to guarantee the best condition at the point of use. NTN-SNR assemble bearings for the aerospace industry.

IN ASSOCIATION WITH



Marine turbocharger overhaul and repair



TSI have been carrying out service/overhaul work on turbochargers since 1989. Our engineers take responsibility for all aspects of the overhaul onboard including (where required) rigging, transportation of parts alongside the vessel, and technical advice on board.

Our service and spare parts are supplied with our comprehensive worldwide 12 month warranty.

Our Engineers are fully trained in the latest models of turbochargers assuring you of our technical expertise across a range of turbocharger models, such as ABB, MAN, Mitsubishi, Napier and KBB. We are available 24/7 worldwide to assist with your turbocharger service requirements.

Our repair options include the following:

- Weld repair of turbine blades
- Specialist hot Metal spray
- Shaft repair and reconditioning
- Pump repair and reconditioning





Turbocharger parts



Emergency breakdown

TSI's facilities include a 8,000 sq/ft stock holding storage facility based in the UK Workshop/Head Office. This facility is controlled by barcoding technology and is fully stocked with a range of new and reconditioned parts, offering our customers ex stock availability on a large range of items.

Parts are also available in our workshop facilities worldwide.

TSI's stock includes:

Air inlet casings	Broached shafts	Compressor wheels	Gas inlet casings	Pumps
Air outlet casings	Complete Cartridges	Cover rings	Gas outlet casings	Sealing bushes
Bearings	Complete rotors	Diffusers	Nozzle rings	Turbine blades

TSI's 24 hour dedicated breakdown team can take responsibility for all aspects of a breakdown from supply of spare parts to organising logistic support and attendance of engineers worldwide.

To achieve this, the company works with specialist logistic partners, who have positive relationships with airlines around the world to ensure priority treatment when required. TSI are airline security approved assisting in immediate/priority dispatch and parts.

A door to deck service covers the entire supply chain from collection, including dealing with customs and port authorities, to delivery on board.



**Comprehensive
worldwide 12 month
warranty on all parts
supplied by TSI**



**Call us 24/7
on +44 2380 861 000
or visit us at
www.tsi.eu.com**





Accreditations

Contact us



Our engineering team are fully trained in all makes of turbochargers and regularly attend OEM factory courses. In addition TSI operates a continuous in house training program to ensure our engineers are up to date with the latest technology. Our workshop team also take part in training courses such as forklift, first aid, banksman, and schenck balancing.

Maintaining a turbocharger at the peak of efficiency whilst ensuring a safe working environment requires a broad range of specialist engineering skills and in depth product knowledge. This is reinforced by a comprehensive stock of parts, continual training and a quality programme to ensure that the highest standards are maintained.

We pride ourselves on being able to demonstrate this to our clients with our extensive gallery of certificates and accreditations. TSI has recently been accredited ISO 9001:2015 standard.



Want to get in touch?

We are available 24/7 to assist with your urgent turbocharger requirements. Our specialist team are here to help.

You can call us 24/7 on +44 2380 861 000
(Group out of hours)

Or email
Parts Enquiries | sales@tsi.eu.com
Service Enquiries | service@tsi.eu.com

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SINGAPORE
SOUTHAMPTON
TURKEY



RINA. Excellence Behind Excellence.



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