

**Verbindungen  
für die  
Windkraft**

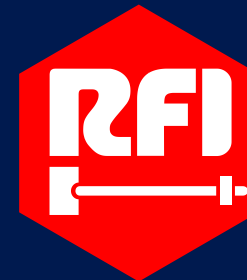
**Fasteners for  
wind turbines**

# Randack Fasteners India

A Joint Venture between



&





**RANDACK**  
*Fasteners India*



Arial View of Randack Fasteners India

# Our Presence



Wind Energy

Hydro Power : Compact and Large Hydro

Oil and Gas

Construction and Heavy Equipment

Diesel and Gas Engine

Marine

Pumps and Valves

Solar Power

Transportation

# Advantages for you



## We serve you globally

- RS : Europe
- RFA : US , North America
- RFI : Asia Pacific

Long term experience in Power ,  
Oil, Gas , Hydro and special  
fasteners segment

High quality fasteners

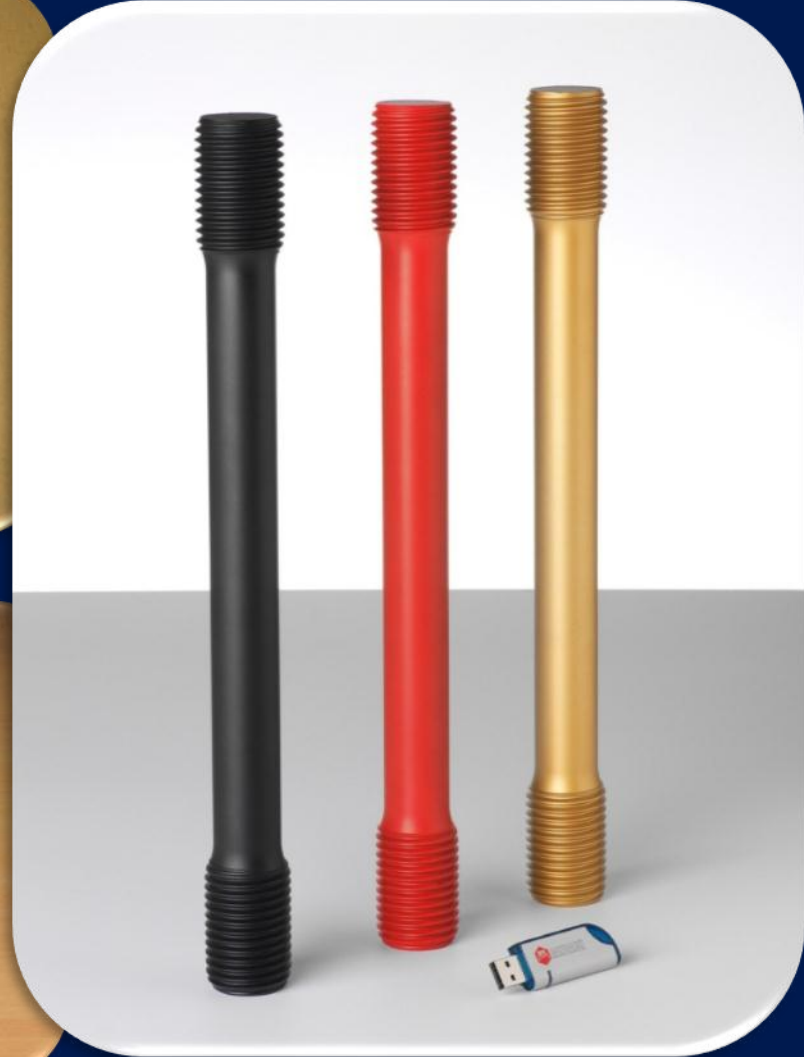
Inhouse DELTA<sup>®</sup>-MKS coating  
leads to:

- Competitive pricing
- Short lead times and highest flexibility





# Products



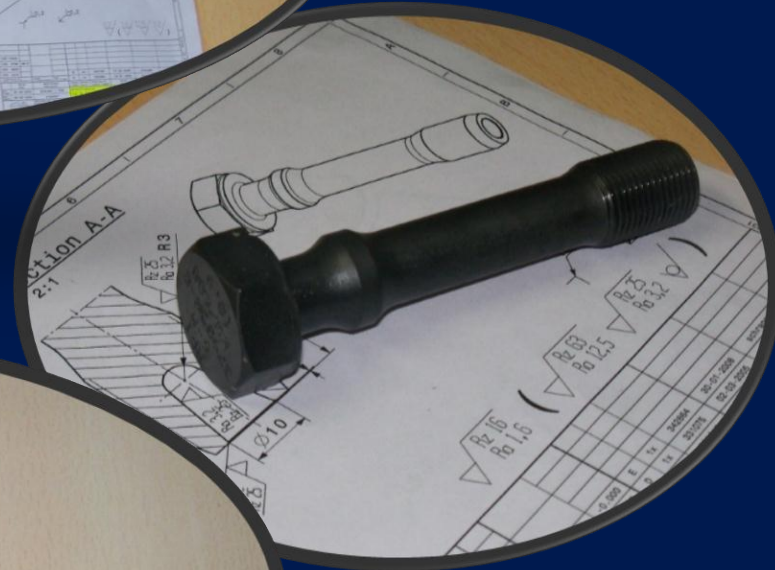
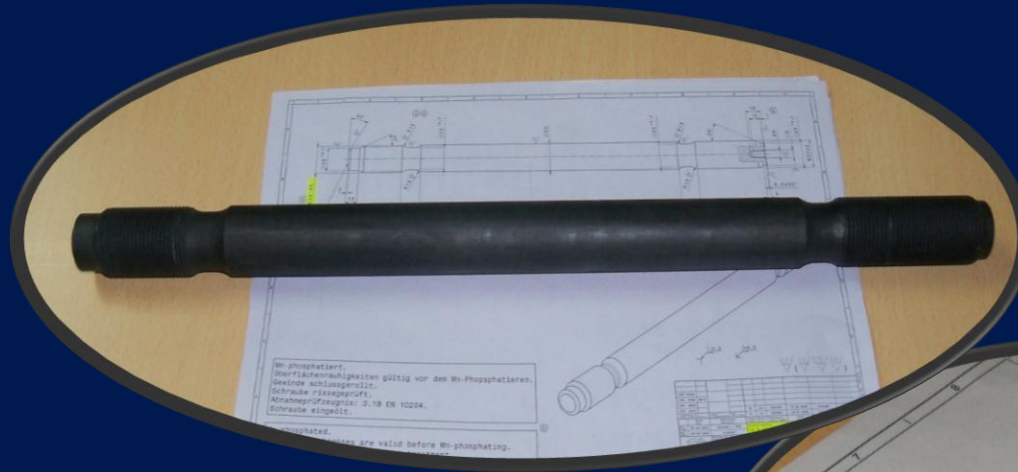
**High Tensile and critical applications catered for  
Wind Energy with properties of -40°c.**

# Products

**Solutions for Tower and other applications in Hot Dip Galvanisation without Hydrogen Embrittlement**



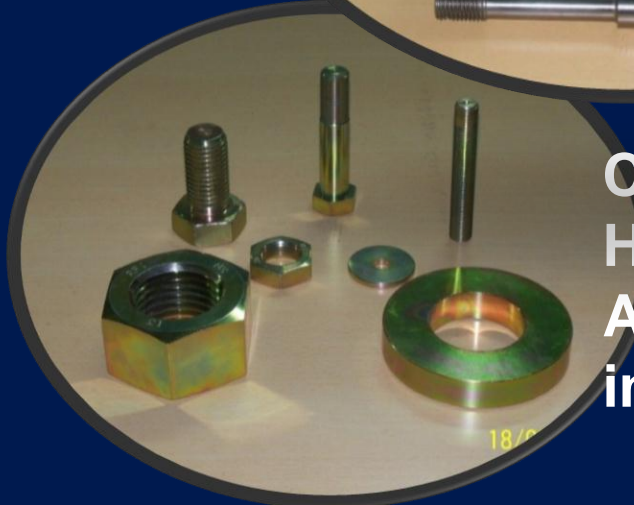
# Products



**Specialized Products For Gas Engine**



# Products

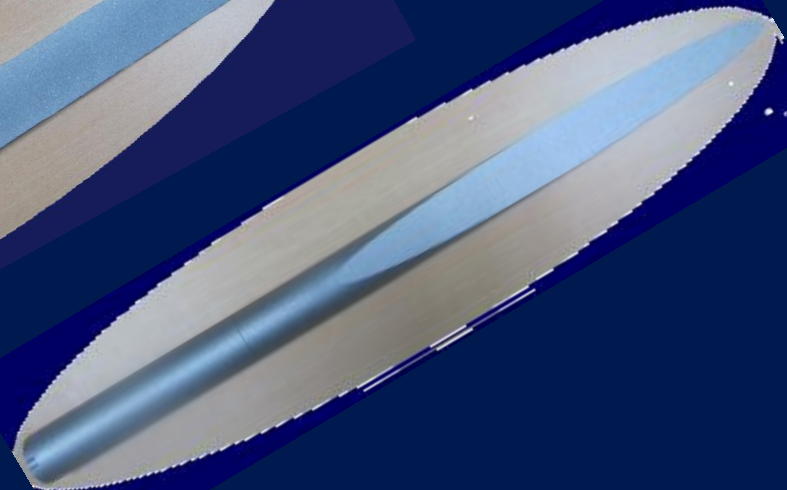
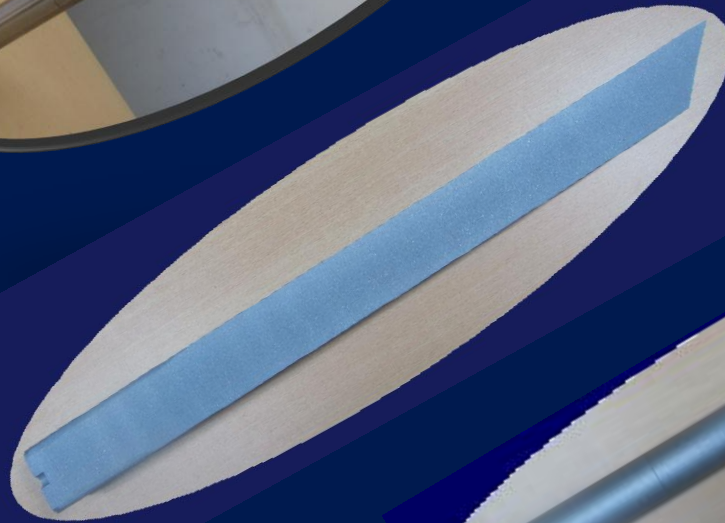
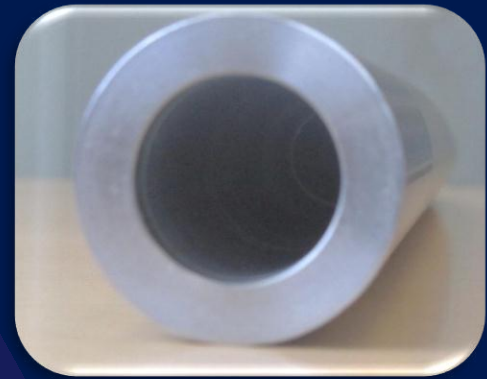


**Customised Products for  
Hydro Power, Construction  
And Heavy equipment  
industry**



# Products

Special design metallic inserts  
for Wind Mill blade roots



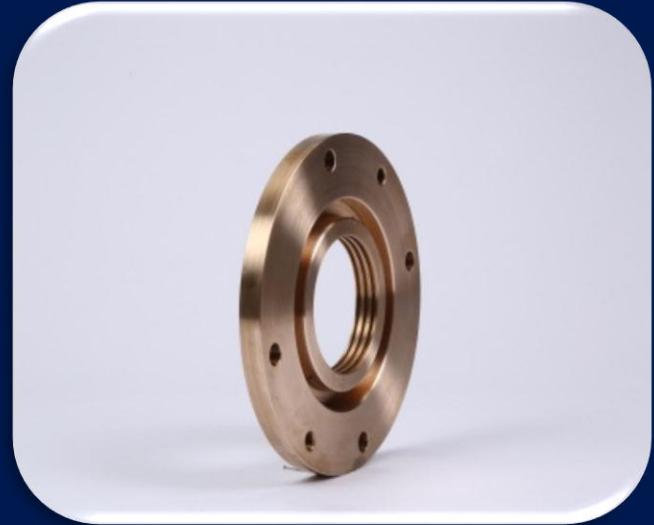
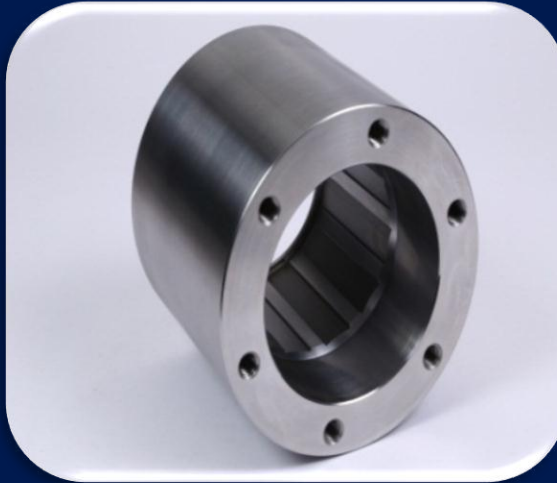
# Products

Foundation Bolts up to 4.0 meters length with Hot Dip Galvanized & tube fitting



# Products

## Precision Machined Components





# Products

## Precision Machined Components



# Products

## Precision Machined Components



# Products

**Specialised Socket  
Head Bolts and  
Screws**





# State of the art CNC Manufacturing Line



# VMC Machining Center.



# CNC machining capability up to 3Mtr Long Studs.





# Thread rolling capacity upto M120



# Forging Capabilities

Inhouse Forging Facility  
300 – 500 T Capacity





# Forging Capabilities

Auto Nut Manufacturing setup



Auto Nut Tapping setup





# Forging Process Control Equipment

100 kW

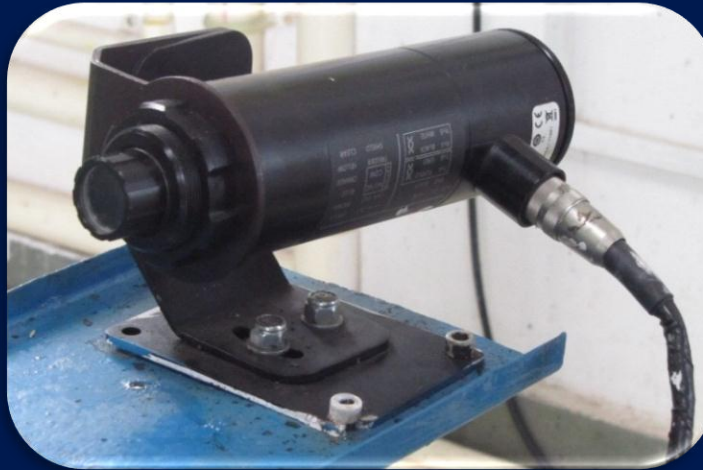


200 kW



Pneumatic Pusher System for billet heating with Temperature and Time Control : 100 – 200 kW

# Forging Process Control Equipment

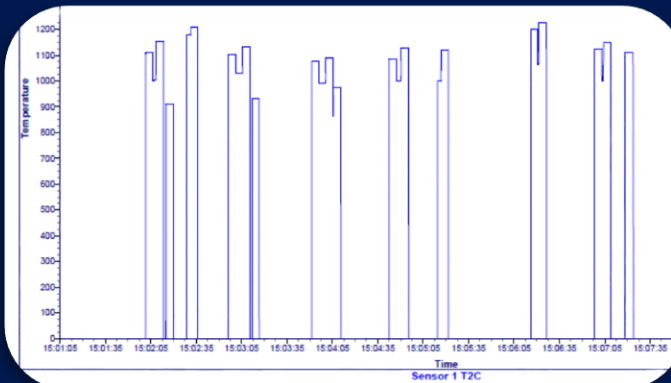


Pyrometer

Temperature Recording Device  
(Connected to Server)



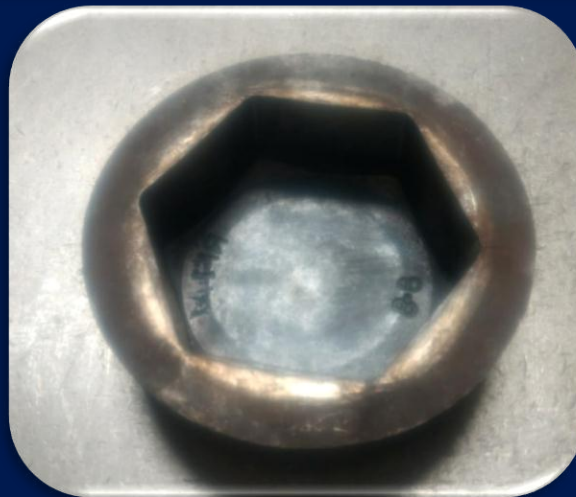
Graph from Temperature  
recording device



# Inhouse Forging Die Manufacturing Facility



Electro Discharge Machine



Forging Die



Forging Die Engraving M/c





# Inhouse Welding , Arc Welding / Micro Plasma Welding Facility



# Inhouse Delta MKS Coating Facility



Auto Degreasing  
Machine

Shot Blasting



# Inhouse Delta MKS Coating Facility



Auto Spray Coating  
Line





# Inhouse Delta MKS Coating Facility

Auto Dip Spin Line



# Inhouse Heat Treatment Facility with 3 MT per heat capacity. (SCADA Control)



S/n	Facility	Details
01	Hardening	No of Furnace : 01 No
02	Quenching	Quenching Media : Polymer Tank Capacity : 40 KL
03	Tempering	No of Furnace : 02 Nos
04	Process Control	SCADA Control

# Materials Handled

Alloy Steel		Case Hardend Steel	
Material	Standard	Material	Standard
42CrMo4	EN 10083-3	16MnCr5	DIN 17210
34CrNiMo6	EN 10083-3	20MnCr5	DIN 17210
25CrMo4	EN 10083-3	20Mn5	EN 10250-2
30CrNiMo8	EN 10083-3		
32CrB4	EN 10263-4		
Carbon Steel		Structural Steel	
EN8, EN9, EN24	BS 970	S235JR, S235J2, S355J2, S235JO, S275JR,	IS 2062 ( C )
Non Ferrous Steel		Material Source from Randack Germany	
LB2, PB2	BS 1400	CuZn39Pb3(Ms58)	DIN 17660
AW 2017-A-T3	EN 573-3	90MnCrV8	DIN 17350
Stainless Steel		Alternative Grade	
X12Cr13	EN 10088-3	SS 410	ASTM 276
X20Cr13	EN 10088-3	SS 420	ASTM 276
X5CrNiMo17-12-2	EN 10088-3	SS 316	ASTM 276
X17CrNi16-2	EN 10088-3	SS 431	ASTM 276
X5CrNi18-10	EN 10088-3	SS 304	ASTM 276
SS304, SS316, SS410, SS420, SS431	ASTM 276	A1, A2, A3, A4, C1, C2, C3	IS 3506-1
Austenitic Steel		Martensite Steel	
A2-50, A2-70, A2-80, A4-50, A4-70, A4-80	IS 3506-1	C3-80	IS 3506-1
Micro Alloy Steel		Boron Steel	
17Mnv6, 20MnV6, 22MnV6		10B21 , 15B41	



# Testing Capabilities

## 1) Mechanical Testing -



Universal Testing Machine  
(100 & 300T)

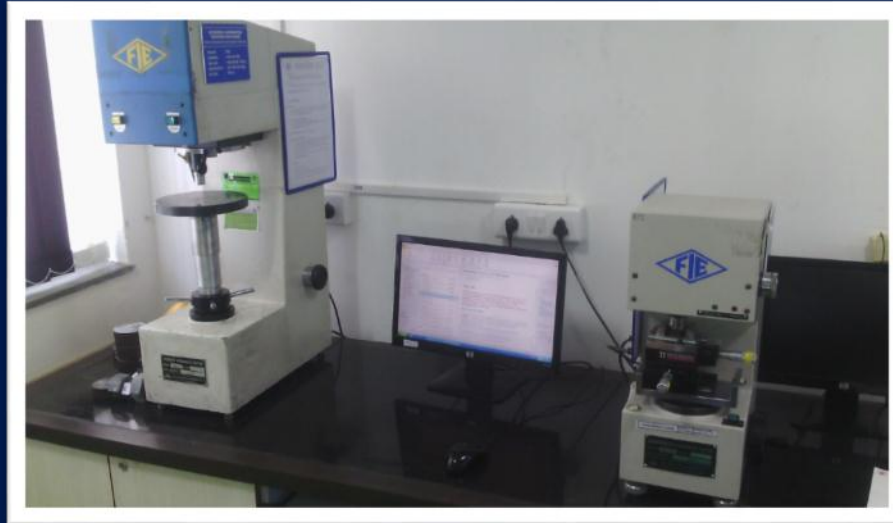


Torque Tension  
Testing Machine  
Capacity – up to  
M72



Impact Testing  
Machine -  
Up to -80°C

# Testing Capabilities



**Computerised Micro  
Hardness Testing  
Machine**

**Computerised Vickers  
Hardness Testing  
Machine**



**Rockwell & Brinell  
Hardness Testing  
Machine**

# Testing Capabilities

## 2) Chemical Testing -



Spectrometer –  
Chemical Properties  
Testing Machine

## 3) Microscopic Testing -

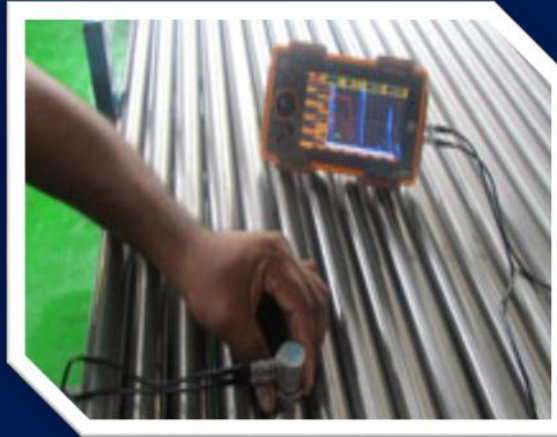
Micro scope with image  
analyzer



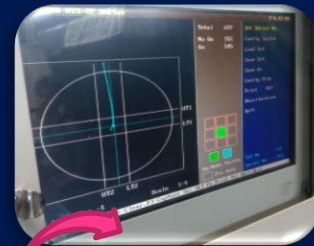


# Testing Capabilities

## 4) NDT Testing -



Ultrasonic Testing Machine



Magnetic Particle Testing Machine



Eddy current Tester For Material Mix-up Identification

# Inspection Capabilities



Trimos 2 Dimensional  
Height Gauge



Contour Tracer



CMM



Profile Projector

# Inhouse Delta MKS Coating Facility



Fischer Dual scope – Coating Thickness Meter based on Induction Magnetic Method

Salt Spray Testing (SST)





# Philosophy of RFI

High quality supplier

ISO 9001:2015 certified

ISO 14001:2015 and

OHSMS 45001:2018 Certified

ISO 17025 NABL Accredited

Aerospace AS 9100D:2018 Certified

TPG Accreditation for MPI

CE Product as per CPR Regulation –  
305 / 2011 / EU

Accredited for U Marking Products  
as per DAST-021

*Verbindungen  
für die  
Windkraft*

*Fasteners for  
wind turbines*



# AS9100:2018 CERTIFICATE



## CERTIFICATE

Management system as per  
**EN 9100:2018**  
(technically equivalent to AS9100D and JIS Q 9100:2016 and in conformity with the requirements of ISO 9001:2015)

The Certification Body TÜV NORD CERT GmbH hereby confirms as a result of the audit, assessment and certification decision according to EN 9104:2013 and ISO/IEC 17021-1:2015, that the organization

**Randack Fasteners India Pvt. Ltd.**  
Pirangut, Near Ghotawade Phata  
412108 Pune  
India

operates a management system in accordance with the requirements of EN 9100:2018 and will be assessed for conformity within the 3 year term of validity of the certificate.

applies a management system in line with the above standard for the following scope

**Manufacture and supply of special bolts, fasteners and machined components**

Certificate Registration No. 44 117 170365  
Audit Report No. 3527 8305

Issue date 2020-06-10  
Expiry date 2023-06-01  
Initial certification 2017

  
Certification Body  
at TÜV NORD CERT GmbH

Essen, 2020-06-10

TÜV NORD CERT GmbH  
Langemannstraße 20  
45141 Essen  
www.tuv-nord-cert.com

  
DAkkS  
Deutscher  
Akademischer  
Verein  
02130-1-800-07-08

  
BDLI  
German Aerospace Industries  
Association

TÜV NORD CERT GmbH is accredited by  
DAkkS within the ISO 9001 scheme.

# ISO 9001:2015 CERTIFICATE



## CERTIFICATE

Management system as per  
**ISO 9001: 2015**

In accordance with TÜV INDIA procedures, it is hereby certified that

**RANDACK FASTENERS INDIA PVT. LTD.**  
Pirangut, Near Ghotawade Phata,  
Pune - 412 108,  
India

applies a management system in line with the above standard for the following scope

**Manufacture and Supply of Special Bolts, Fasteners & Machined Components**

Certificate Registration No. QM 03 02102  
Audit Report No. Q 81652017

Valid until 01.08.2023  
Valid from 10.09.2020  
Initial Certification 02.08.2017

  
Certification Body  
at TÜV INDIA PVT. LTD.

Issue 10.09.2020  
Place : Mumbai

This certification was conducted in accordance with the TÜV INDIA auditing and certification procedures & shall be valid subject to regular Surveillance Audits.

TÜV India Pvt. Ltd., 801, Rahija Plaza - 1, L.B.S. Marg, Ghatkopar (W), Mumbai - 400 086, India [cert.helpline@tuvindia.co.in](mailto:cert.helpline@tuvindia.co.in)



# ENVIRONMENTAL MANAGEMENT SYSTEM ISO 14001:2015 CERTIFIED





# HEALTHY & SAFETY MANAGEMENT SYSTEM OHSMS 45001:2018 CERTIFIED





# NABL CERTIFICATE ISO 17025:2017

  National Accreditation Board for  
Testing and Calibration Laboratories

**CERTIFICATE OF ACCREDITATION**

**RANDACK FASTENERS INDIA PVT. LTD. MATERIAL  
TESTING LAB**

has been assessed and accredited in accordance with the standard  
**ISO/IEC 17025:2017**  
**"General Requirements for the Competence of Testing &  
Calibration Laboratories"**


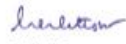
for its facilities at  
GAT NO 1197, GHOTAWADE PHATA, PIRANGUT, PUNE, MAHARASHTRA, INDIA  
in the field of  
**TESTING**

Certificate Number: TC-6567  
Issue Date: 16/12/2020 Valid Until: 15/12/2022

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.  
(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Name of Legal Identity : Randack Fasteners India Pvt. Ltd.

Signed for and on behalf of NABL

   
N. Venkateswaran  
Chief Executive Officer

CE Products for construction  
product manufacturers according  
to CPR Regulation 305/2011/EU



**CERTIFICATE**  
OF CONFORMITY OF THE FACTORY PRODUCTION CONTROL  
0045-CPR-2308

In compliance with Regulation (EU) No. 305/2011 of the European Parliament and the Council of March 2011 (the Construction products Regulation - CPR), this certificate applies to the construction product

**Non-Preloaded Structural Bolting Assemblies and High-Strength  
Structural Bolting Assemblies for Preloading**

placed on the market under the name or trade mark of  
Randack Fasteners India Pvt. Ltd.  
Gat no. 1197, Ghotawade Phata, Village: Pirangut, Taluka: Mulshi,  
Dist-Pune 412108, Maharashtra, India

and produced in the manufacturing plant(s)  
see above

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

**EN 15048-1:2007 und 14399-1:2015**

under system 2+ are applied and that the  
factory production control is assessed to be in conformity with the applicable requirements.

The manufacturer is responsible for the usability of the CE-marked structural products acc. to the product standard and the Declaration of Performance (DoP).

This certificate was first issued in 27.11.2018 and will remain valid until 27.11.2023 as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified body.

Hamburg, 2018-11-27  
Validity endorsement  
valid until: 27.11.2023

Decision  
Rev.: 00 / 27.11.2018

TÜV NORD Systems GmbH & Co. KG  
Gröbe Bahnstraße 31  
D-22525 Hamburg  
Germany  
ttnv2018-11-27-0045-CPR-2308

Fax: 8116422418  
SAP: 8116422418  
Tel.: +49-(0) 40-6597-3268  
e-mail: [tech@kcertum.tuv-nord.de](mailto:tech@kcertum.tuv-nord.de)  
Rev. 0002 01 01

   
Certification Body

Accredited Body D-ZE 11074-03-00  
Notified Body ID number 0045

  
DAkkS  
Deutscher  
Akademischer  
Kernleistungs-  
Dienst  
D-8 10271-03-00

# Accredited for U marking Products as per DAST-021



**TÜV NORD**

**ÜBEREINSTIMMUNGSZERTIFIKAT**  
Nr. 07/201/1326/ÜZ/2308/20

Hiermit wird gemäß § 22b, Abs. 1 der Hamburgischen Bauordnung bestätigt, dass das

**Bauprodukt** Feuerverzinkte Garnituren aus  
hochfesten Sechskantschrauben mit  
großen Schlüsselweiten der Größen M 39 bis M 72

**des Herstellerwerks** Randack Fasteners India Pvt. Ltd.  
Gat No. 1197, Ghotawade Phata  
District Pune 412108  
Maharashtra, India

nach den Ergebnissen der werkseigenen Produktionskontrolle sowie der von der  
bauaufsichtlich anerkannten Überwachungsstelle

**TÜV NORD Systems GmbH & Co. KG, Große Bahnstraße 31, 22525 Hamburg**  
durchgeführten Fremdüberwachung den Bestimmungen

der in der Verwaltungsvorschrift Technische Baubestimmungen (VV TB) des Landes  
Hamburg vom 30.04.2018 Kapitel C2 bekannt gemachten technischen Regeln DAST-  
Richtlinie 021 (2013-09)

entspricht.

Hinweis: Die Geltungsdauer des Übereinstimmungsnachweises beträgt 5 Jahre und setzt die regelmäßige  
Fremdüberwachung durch eine bauaufsichtlich anerkannte Überwachungsstelle voraus.

Hamburg, den 20.03.2020

**Gültigkeitsvermerk:**  
Gültig bis 03.2025

**Revisionsstand:**  
Rev.: 0  
SAP: 0117012346

TÜV NORD Systems GmbH & Co. KG  
Große Bahnstraße 31  
D-22525 Hamburg  
Germany

Tel. +49-(0) 40-8557-2368  
Fax +49-(0) 40-8557-2710  
e-mail technikzentrum@tuv-nord.de

**PÜZ**  
für  
Bauprodukte

Wegner  
Zertifizierungsstelle  
- Bauprodukte nach Landesbauordnung -  
der TÜV NORD Systems GmbH & Co. KG  
Kennziffer: HHA02

01H-02-PÜZ-1.80-2-101\_04\_Übereinstimmungsnachweis\_ÜZ\_1.80\_VVTB\_06

Rev. 08 / 2014-05

# TPG Accreditation for MPI

## Transportation and Power Generation Accreditation Program

*This certificate is granted and awarded by the authority of the Transportation and Power Generation Accreditation Program to:*

**Randack Fasteners India Pvt Limited**

Gat No 1197, Klaus Union Campus, Near Ghotawade Phata, Pirangut  
Pune, MH 412 108  
India

*This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in [www.eAuditNet.com](http://www.eAuditNet.com) on the Qualified Manufacturers List (QML), to the revision in effect at the time of the audit for:*

**NonDestructive Testing**

Certificate Number: 121511003488  
Expiration Date: 31 January 2018



Joseph G. Pinto  
Vice President and Chief Operating Officer

Performance Review Institute (PRI) | 161 Thorn Hill Road | Warrendale, PA 15086-7527

## Licensed Dörken Partner !

**DELTA MKS**

DELTA® protects surfaces.

**DÖRKEN**

## LICENCE CERTIFICATE

**Randack Fasteners India Pvt Ltd.**

licensed to apply  
**DELTA-MKS® Systems**

by

Dörken MKS-Systeme GmbH & Co. KG  
58313 Herdecke, Germany

Director: Dr. Reusmann

Director: Dr. Gutenberger



*You make it; We grip it!!!*

