



MANUFACTURER
& SUPPLIERS OF :
COLD &
DROP FORGING,
STAINLESS STEEL
& HIGH TENSILE,
MILD STEEL,
FASTENERS



Cierrae



Since
1977



BOKHARA
INDUSTRIES PRIVATE LIMITED

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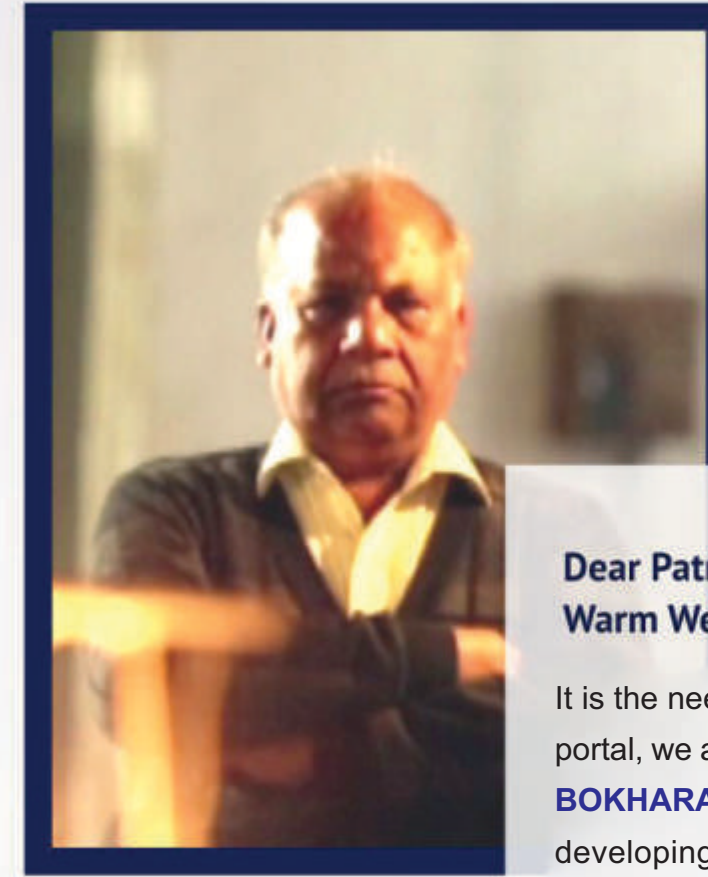


BOKHARA
INDUSTRIES PRIVATE LIMITED

Joint venture of
NIKE Energy Manufacturing Pvt. Ltd.

An ISO 9001: 2015, ISO 14001: 2015 & ISO 45001: 2018 & OHSAS 18001: 2007 CERTIFIED COMPANY CE

www.cierrae.com / www.nikeenergy.in



B.P. Agrawal
Founder & CMD

**Dear Patron,
Warm Welcome**

It is the need of the time to reflect our self before you through this portal, we at **NIKE ENERGY MANUFACTURING PVT LIMITED & BOKHARA INDUSTRIES PVT. LTD.** are playing a pivotal role in developing the most important part of infrastructure that is "Electricity" by producing power generation & transmission equipment's and hardware fittings used in it along with Diesel Rail and Aircraft Engine Parts.

A Company can only be stronger as the Team who brings it to the life, companies do not create products, deliver services or solve problems; Team do it, my heartiest gratitude to the team for their relentless drive since 1977 to bring the company up to this splendid stage of our proud.

No company can sustain longer without keeping trust of the customers by means of providing high value quality products & services at appropriate rate and time bound delivery. I am grateful to all our valued customers spread across the globe for their trust shown upon us and we assure you all to provided our best quality products, competitive price and services, always and forever and ever.

**Thanks and Regards,
Bhanu Prakash Agrawal (CMD)**

Chairman Message



*Monitored At Every Step,
We Keep Quality*



Company Profile

We are, INDIA based **ISO 9001: 2015, ISO 14001: 2015 & ISO 45001: 2018 & OHSAS 18001: 2007** Certified Company, pioneer in the field of manufacturing power transmission line tools & plants, hardware fittings, Diesel Loco Engine parts Boiler & Turbine accessories and Aero Engine parts, & fastners, threaded bars, drop forging parts.

We proudly proclaim, we are the trend setter in India for having designed and developed the special tools in India for stringing HTLS conductors. Our products are regarded on a highly classified scale of grade and quality, as well as being highly reliable, making them the first choice of technocrats and Engineers.

Above all, we are bestowed with futuristic vision and possess an absolute client oriented outlook with prompt and excellent services after sales with the assurance of "qualitywith reliability" products.

What makes us different?

- ✓ We are creative.
- ✓ We are collaborative.
- ✓ We are socially responsible.

An ISO 9001: 2015,
 ISO 14001: 2015 &
 ISO 45001: 2018 &
 OHSAS 18001: 2007
 CERTIFIED COMPANY.



"On optimum use of resources, by adopting newer technologies machineries, manufacturing process, quality control system and equipment producing high value products at reasonable price without affecting environment."

B.P. Agrawal
 Founder & CMD

Vision

Mission

To provide engineering solution of contemporary need of infrastructural development and develop challenging engineering products on demand.

To provide better opportunities and respectful life for all our colleagues.

To create assets for the company, stake holder and promoters.



Quality Policy

We are committed to consistently providing quality service and products that meet customer and regulatory requirements and continuously improve the effectiveness of quality management systems.

Testing

We have installed in house full-fledged testing laboratory comprising 3D Scanner, Profile Projector, Spectrometer, Hardness testers, UTS, Metallurgical microscope, Alco meter, MPI and various dimensional measuring Instrument, Dynamic Shaker, Resistance Meter, Watt Meter and Chemical lab.



UTM Load Machine



Metavision-Spectrometer



Rockwell Hardness Tester-500



Brinell Hardness Tester

Inspection Facility

Precision Measuring Equipment

CMM & 3D SCANNER



High Gauge Motutoyo

Item of Equipment/Machine	Linear Height Gauge
Model/Make	Motutoyo
Capacity	0-600



Motutoyo Make Height Gauge High Precision



Vertical Profile Projector

Item of Equipment/Machine	Banbros
Model/Make	Mostana
Capacity	Magnification: 10x Work Stage: 350x250 mm Travel: 200x100 mm Screen Dia: 300 mm Angle reading: 360 Deg.
Accuracy Achievable	2 Micron
Year of Purchase	2015



CMM

Item of Equipment/Machine	CNC CMM - ML 182010 (1800x2000x1000mm)
Model/Make	Cimtrix
Capacity	X= 1800mm, Y= 2000mm & Z= 1000mm
Accuracy Achievable	Repeatability 4 Micron
Year of Purchase	2016

3D SCANNER

GOM, Germany Make ATOS Compact Scan 2M optical blu light scanning system with 64 Bit Hardware calibration object 500x380



FURNACE

10 Ton Capacity (1600°C)



Magnetic Particle Inspection (MPI)



Microscope

Infrastructure

DESIGN DEVELOPMENT AND ENGINEERING.

Keeping in view to craft the materials elegantly, economically, Purpose fully, user friendly with the vision to meet entire requirement of end user we have included 3D scanner and dell cam soft wares like tools for our think tank wing.



MANUFACTURING FACILITY

To ensure perennial production and time bound supply, our manufacturing process includes research, design & development of systems by using latest technologies machineries, tools, and equipment.



MANUFACTURING FACILITY

Band Saw Machine

- Band Saw Cutting Make Multi Cut 300mm
- Double Column Band Saw Cutting Make ITL 450mm
- Band Saw Cutting Make Awal 250mm
- CNC Profile Cutting Machine with Plasma & Oxy-Fuel Torch Make pro Arc Welding 2mm/200mm.



COLD NUT FORMER



NUT TAPPING



COLD BOLT FORMER



BOLT TRIM MACHINE



COLD FORGING HEADER



ROLLING MACHINE

Facility For Forging

Having forging hammer of capacity- 1.5 to 3 Ton

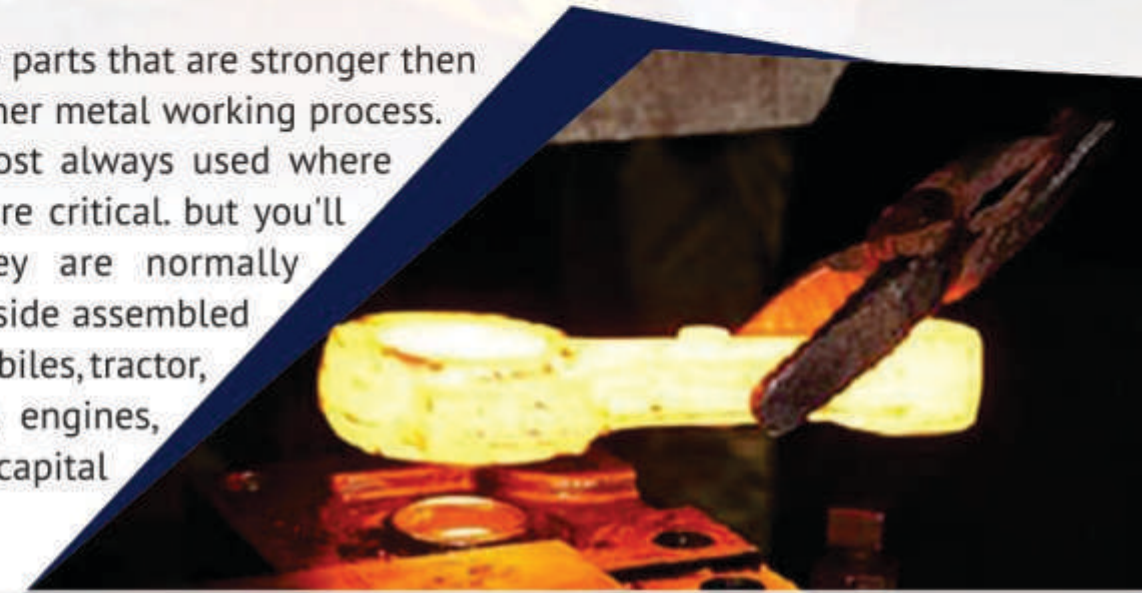


WHAT IS FORGING?

Forging is manufacturing process where metal is pressed, pounded or squeezed under great pressure into high strength parts known as forgings. The process is normally (but not always) performed hot by preheating the metal to a desired temperature before it is worked. it is important to note that the forging process is entirely different from the casting (or foundry) process, as metal used to make forged parts is never melted and poured (as in the casting process).

WHY USE FORGINGS AND WHERE ARE THEY USED?

The forging process can create parts that are stronger than those manufactured by any other metal working process. This is why forgings are almost always used where reliability and human safety are critical. but you'll rarely see forgings, as they are normally component parts contained inside assembled items such as airplanes, automobiles, tractor, ships, oil drilling equipment, engines, missiles and all kinds of capital equipment.



Forging Products

The forging process is used to produce steel projectiles for railway use. The forging process can produce a variety of parts of Power Transmission line.

WHY FORGINGS

Advances in forging technology have expanded the range of shapes, sizes and properties available in forged products to meet an increasing variety of design and performance requirements. Forgings are regularly specified where strength, reliability, economy and resistance to shock and fatigue are vital considerations. Forged materials offer the desired degree of high or low temperature performance, ductility, hardness and machinability.



NUTS

Manufacturer & Supplier of :
Hex Nuts, Flange Nuts, Square Nuts, Hex Weld Nuts,
Hot Dip Galvanized Nuts, S.S. Nuts, Nylock Nuts

Fastners division manufacturer a comprehensive range of nuts using hot forging, bar turning and milling processes. Our regular production includes the following specifications.

We also manufacture application/profile nuts to customer's requirements and specifications. Our standard size range of nuts are available from Diameters **M6 to M100** and also in corresponding inch size Diameters **1/4" to 4"**.



Item	Range (Metric)	Grade	Range(Inch)
Hex Nuts	M6-M100	5,6,8,10	1/4"-4"
Nylon insert Nuts	M8-M64	6,8,10	3/8"-2.1/2"
Heavy Hex Nuts	M12-M100	8,10	1/2"-4"
H.S.F.G Nuts	M12-M48	8,10	1/2"-2"
Castle/slotted Nuts	M8-M50	5,8,10	3/8"-4"
Flanged Nuts	M16-M64	6,8,10	5/8"-2.1/2"
Jam Nuts	M12-M64	6,8,10	1/2"-2.1/2"
2H Nuts	M12-M64	6,8,10	1/2"-2.1/2"

ISO | DIN | BS | AS | ANSI

Our Expertise

- » Self-color » Black Phosphate
- » Zinc Plated (White, Yellow & Black)
- » Hot Dip Galvanized » Chrome Plated » SS Polishing

SS NUT DIN 934, ISO4032

SS NUT Grade
 A2-70/80
 A4-70/80

Product Range

BOLTS

Manufacturer & Suppliers of :
Hex Bolts, Allen Bolts, CSK Allen Bolts, High Tensile Bolts,
S.S. Bolts, Hot Dip Galvanized Bolts, S.S. Foundation Bolts,
Anchor Bolts



Item	4.6/4.8	5.6/5.8	6.8	8.8	10.9
Hex Bolts					
DIN601/558	*	*	*		
DIN931/933	*	*	*	*	*
ISO4014/15	*	*	*	*	*
ISO4017/18	*	*	*	*	*
Square Neck					
DIN603	*	*	*	*	
Bs4933	*	*			
Square Holding Down Bolt					
Bs7419	*			*	
Structural Bolts					
DIN7990	*	*	*	*	
High Strength Friction Grip Bolt					
DIN6914				*	*
A325M				*	*
A490				*	*

ISO | DIN | BS | AS | ANSI

Our Expertise

- » Self-color » Black Phosphate
- » Zinc Plated (White, Yellow & Black)
- » Hot Dip Galvanized » Chrome Plated » SS Polishing

SS Bolts Grade

A2-70/80 DIN931, DIN933, ISO4014, ISO4017
 A4-70/80

Fastners division Bolts are processed by both hot forging and cold forging systems. Our regular production includes the following specification.

Diameter	(Length Range) By Cold Forging	(Length Range) By Forging
M5	8-30	
M6	10-160	
M8	10-160	
M10	20-180	30-600
M12	25-180	40-600
M14	25-250	40-600
M16	30-250	40-1000
M18	30-250	40-1000
M20	35-250	60-100
M22	35-250	60-1000
M24	50-250	60-1000
M30		70-1000
M33		70-1000
M36		100-1000
M64		100-500

WASHERS

Manufacturer & Supplier of : Plain Washers, Spring Washers, S.S. Washers & M.S. Washers

We produce washers to all relevant international standards DIN, ISO, BR, AS, ANSI, NEN and JIS and also to specialized drawings and specifications, with customer specified close tolerances-Internal and External Diameters, thickness and profiles.



Specification	Material	Size
DIN 125 A,B/ISO 7089,7090	Mild/Alloy Steel	M2.5-M64
DIN 126/ISO 7091	Mild/Alloy Steel	M5-M64
DIN 127	Mild/Alloy Steel	M5-M64
DIN 9021/ISO 7093-1/2	Mild/Alloy Steel	M2.5-M64
DIN 440/ISO 7094	Mild/Alloy Steel	M5-M64
DIN 443-1.2/ISO 7092	Mild/Alloy Steel	M5-M64
DIN 7989/7980	Mild/Alloy Steel	M5-M64
DIN ASTM F436 (A235)	Mild/Alloy Steel	1/2"-1.1 1/2"
DIN 436	Mild/Alloy Steel	M5-M64
DIN 4320	Mild/Alloy Steel	M5-M64

- ▲ Standard Punched Washers
- ▲ Flat Machined Washers
- ▲ Spring Washers
- ▲ Repair Washers
- ▲ Load Indicating Washers
- ▲ Square Plate Washers
- ▲ Tapered Washers
- ▲ Through Hardened Washers

SS Washers DIN125-A

Grade A-2, A-4

Others Products

Manufacturer & Supplier of : Thread Rods, Studs, Socket Screw, Hex Screw

Cierrae Brand studs are available in customer specified length with various thread combinations such as left threads, right threads, wood screw threads and square threads. We have the flexibility of supplying studs in various grades and material types to customer requirement.

Hot Dip Galvanized Threaded Bar/Studs, Socket Screw & Hex Screw can be supplied in Standard and ISO thread fits in length upto 1000mm.

All the above mentioned dimensions are available in inch size to British and American specifications.

The Length :

The above mentioned threaded rods are available in 2 & 3 meter lengths.

The Threads:

* Metric * Metric Fine * BSW * BSF * UNC * UNF

DIA :

M6, M8, M10, M12, M14, M16, M18, M20, M22



Socket Screw & Hex Screw



Our Expertise

- » Self-color » Black Phosphate
- » Zinc Plated (White, Yellow & Black)
- » Hot Dip Galvanized » Chrome Plated

Quick Release Couplings

All steel quick release couplings are galvanized as standard to ensure long-term use in the field and are often available from stock. Thanks to our modern production process, we can guarantee you quick couplings with highest quality standards in the market.

Quick coupling applications

Quick couplings are used for water transportation piping systems and for mobile pumps up to 12 inches. Quick couplings allow pipes and hoses to be connected in just a few seconds, making a complete and watertight pipe system. Typical applications include well pointing, flood control, construction and civil engineering.



How a quick coupling works

A quick coupling always consists of two parts: a male and a female part. They're easy to recognize since the male part always goes into the female part. Depending on the type of quick coupling, for example Bauer or cardan/parrot, one part has clamps and the other part has an edge behind which the clamps hook. There is always a rubber O-ring between the two couplings ensuring a watertight seal.

Other names for quick couplings

There are many names in use for quick release couplings, but they all mean the same thing. Some of these include: lever lock couplings, lever locks, quick disconnects, quick connects, fittings, quick disconnect fittings, quick release fittings, quick connect couplings.

Certification & Awards



OHSAS 18001



ISO 9001:2005



ISO 14001



ISO 9001 Page-01



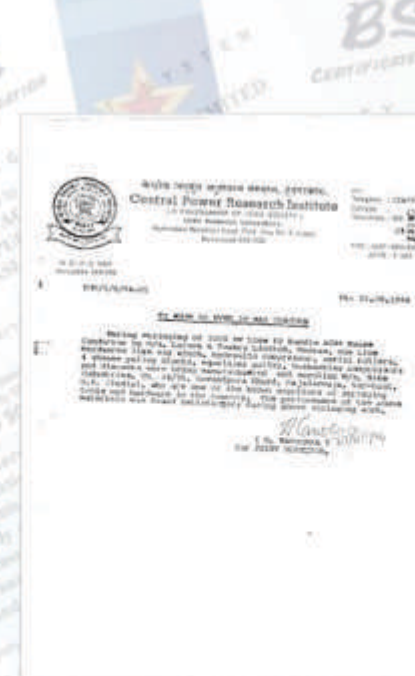
Recognition from B. N. Chaudhari



Recognition from Transrail Stringing of Power Transmission Line



ISO 9001 Page-02



CPRI Certificate
CPRI Certificate for Quality



Recognition from Inabensa
Performance Certificate from



Recognition from L & T
Stringing of Power Transmission Line



Cierrae

