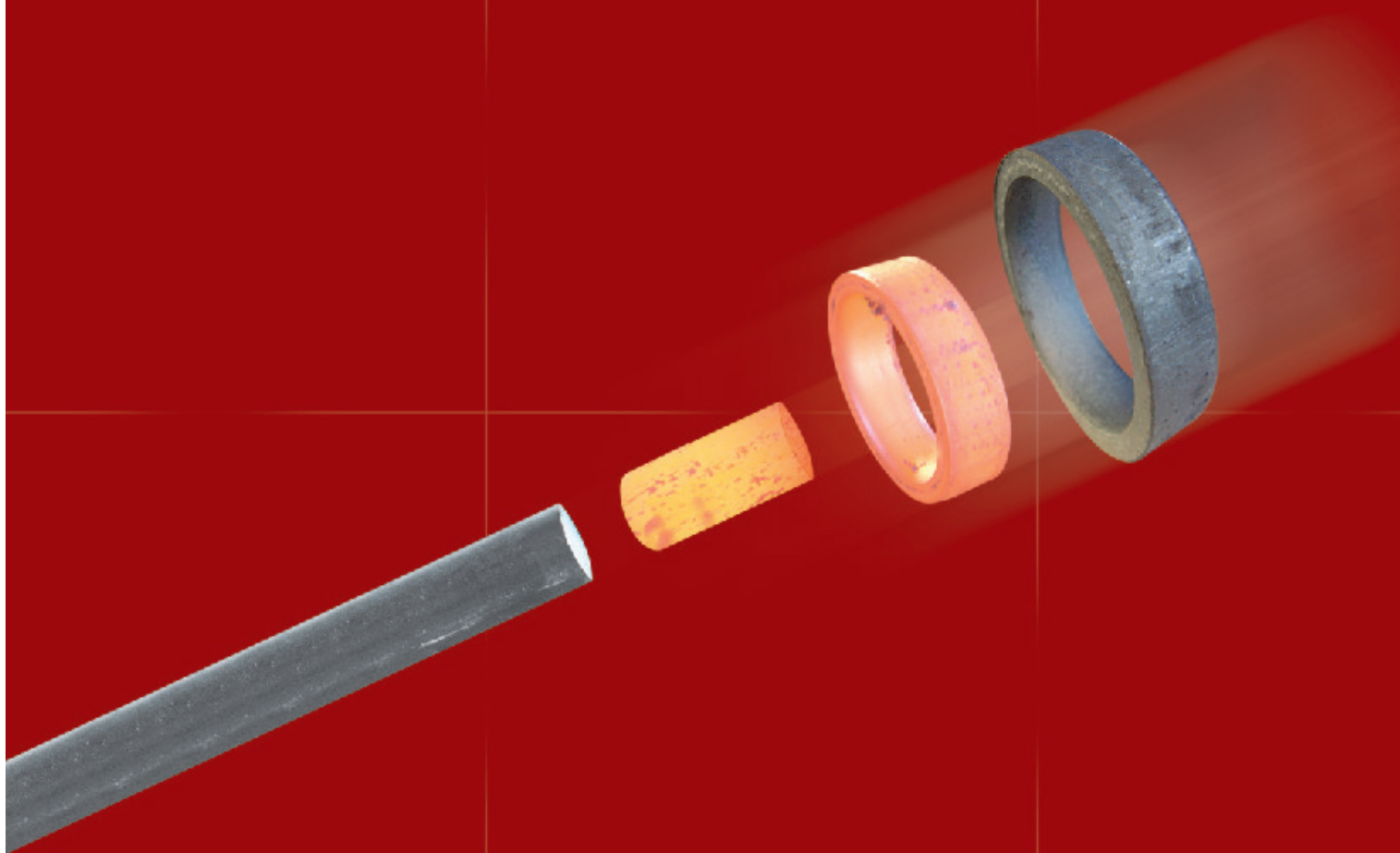


FORGING **STEEL**  
INTO RINGS





ISO : 9001-2000  
Company

## FORGING STEEL INTO RING



## OUR PROFILE



An 1986 established since 20 years marching ahead for requirements of quality & quantity demand of domestic & International customers. We at our factory built on 1000 Sq meters of land. Manufacture 1500 tones of rings ( Finished, Semi finished, Forge Rings ) per annum. Our modern forge shop unit is well equipped with all types of latest technology machineries, measuring instruments, tools, dies, jig fixtures for manufacture a best products of high consistency, as per international quality, bulk quantity at very fast production scale with very competitive rates.

Both the secondary process units are state of the art with latest featured machinery for each of the tasks involved in the super finished turning process. The conventional lathe machines unit & ultra modern CNC Machines unit is capable of converting as Forged rings to Semi finished, Finished product as per customer requirements.

Intelligent use of the space has ensured that there is ample room for sufficient storage for raw material & finished goods.

Our biggest & strongest strength are our manpower, backbone of self design's machines, excellent management practices, a high level of professionalism and unparalleled commitment to work are some best features that distinguish us in a field that is so highly competitive.

## FORGING RING INTO SHAPES



### OUR TECHNOLOGY

At our infrastructure speaks for itself.

All type of forge products are manufactured by chain process of indigenously self developed & design Hot furnace for heating raw material, Power press, Screw press and Seamless ring rolling machine technology enables us to forge critical job (round jobs rings) of different shapes and size as per customers needs.



#### LATEST DESIGN HEATING FURNACE

With touch of automation for fast production & better quality heating.



#### POWER PRESSES & SCREW PRESSES

Design as per forged products, heavy capacity, easily operatable, fastest, Convenient processable.



#### SEAMLESS RING ROLLED MACHINE'S

Self design, compact size, heavy capacity for fastest possible production & better quality end products.



#### ANNEALING FURNACE

Latest design fully automatic & easily operatable furnace is installed for instant international standard quality products.



#### TESTING & INSPECTION PROCESS

All the latest & useful forged shop testing & measuring instrument's is installed at respective stage for catering better quality products for our valued customer. Microscope's, Hardness tester, Spectrometer for granule size, Thermocouple for temperature control, tested & certified gauges, jig-fixtures, dies & tools is used. Latest instrument's are added at every stage of requirements as per our customer's suggestion & need's.



## FORGING SHAPE INTO PRODUCTS

### OUR PRODUCTS



We cater wide range of ring products which is applicable in different products of Automobile & Engineering industries. Our products is used directly & also as intermediate forms in many products. Such as Bearing, Gasket ring joints, Chuck nut, Lock nut, Bush, Coupling, Companion, Gears, Bearing Sleeves, Blanks, Flange etc...



#### **BEARING RINGS ( RACES )**

Bearing races are available as Forged, Machine finished form in Spherical roller, Tapper roller, Cylindrical roller, Needle roller, Ball bearings as per customer design & specification.



#### **GASKETS RING JOINT**

In different shapes & size such as Oval, Octagonal & RX, R, BX (RTJ) type in low Carbon steel & Stainless steels material grades.



#### **CHECK NUTS & LOCK NUTS**

In different size & specification in plain & threaded forms as per customer's drawing & requirements.



#### **METAL RINGS & BUSHES**

All type, size and shape of Flange, Blank, Gears, Companion joint, Sleeves, Bush, Coupling are forge as per specification in Ferrous & Non ferrous material such as EN series, SAE series, S.S., Aluminum, Brass, Copper & any forgeable material

ONE STOP FOR ALL FORGING PROCESS



1



2



3



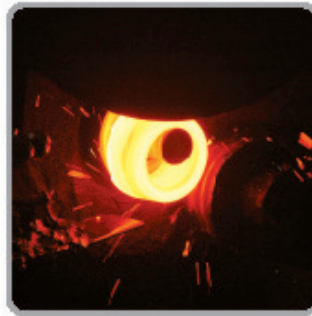
4



5



6



7



8



FORGE RING





**MOTIVATING TEAMWORK INTO BUSINESS EXPANSION**

## **OUR BACKBONE**

We are group company expertise in different segment of chain process field of Forging, Machining turning, Grindings. We are manufacturing different products for Automotive & Engineering industries having wide application directly & indirectly.

### **TURNING RINGS INTO SHAPE**

#### **MACHINING PROCESS**

Cnc lathe machine & conventional lathe machines : Each & every stage of process required for manufacture specific rings is well equipped with latest featured machines.

At every stage calibration & Inspection of in-process products is carried out for better quality & minimum rejection output.

### **GRINDING RINGS INTO PRODUCTS**

#### **GRINDING PROCESS**

In our associate company we manufacture Precisions parts & Bearings such as Tapper roller, Spherical roller, Cylindrical roller, Needle roller, & Ball Bearings, Bearing Sleeves, Lock- Chucknuts, Bushes & all types of Precision rings in grinded forms.

### **THE JOURNEY 1986 - 2006**

Our experience, team work & idea have set up chain of industries. One stop for all your need from as Forge ring to Machined finished to Grinding finished.

We aim for continuous upgrade in quality products, to ultimately support to our valuable domestic and global customers. To add impetus, we regularly advertise, organize customer meets and participate in trade fair. With this all motivating factors, we strengthen our existing clientele relations and also focus into new markets and new application.



#### **QUALITY ASSURANCE** **AN ISO 9001 2000 Co.**

All our product & process is carried out as per our customers requirement, Instructions & Specifications. We continuously strives towards gaining higher levels of quality standards. This is achieved by laid down proper system of quality and management, by research and upgrading of various analysis & statistical process control data.

All products are provided along with respective process Inspection, Testing, Measuring Certificates traceable to National & International Standards on request.

# FORGING SHAPE INTO PRODUCTS



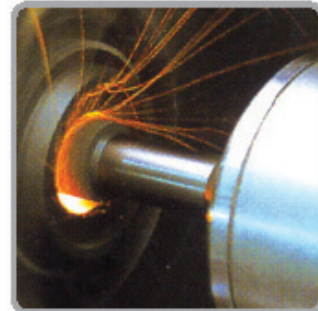
**FORGING  
PROCESS**



**CNC MACHINING  
PROCESS**

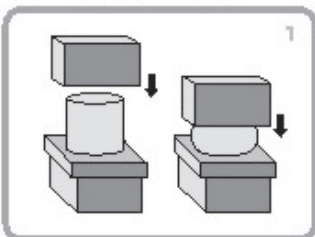


**GRINDING  
PROCESS**

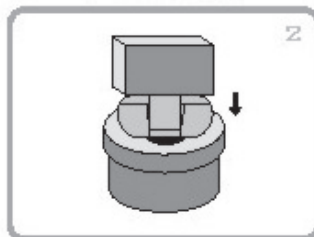


## SEAMLESS ROLLED RING FORGING PROCESS

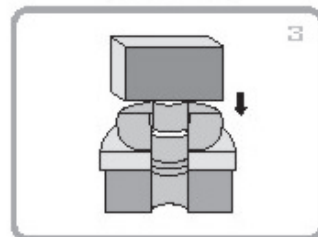
**UPSETTING**



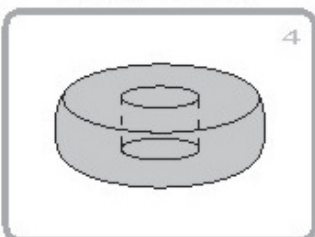
**PIERCING**



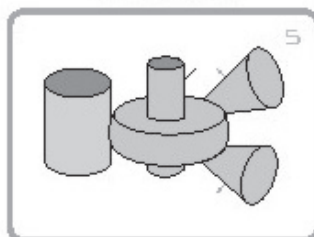
**SHERING**



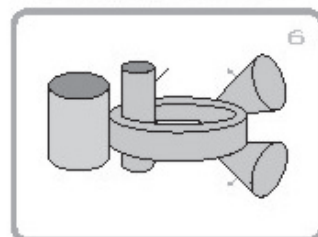
**PREFORMING**



**FORMING**



**FINAL FORMING**





## **KIRTI FORGING**

B/h, Tata Motors, JKR Ind. Area,  
Gondal Road, Vavdi,  
RAJKOT - 360 004  
GUJARAT (INDIA)

Phone : + 91 - 281 - 2386057

Fax : + 91 - 281 - 2369160

E-mail : [info@kirtiforging.com](mailto:info@kirtiforging.com)  
[sales@kirtiforging.com](mailto:sales@kirtiforging.com)

[forgebearing@kirtiforging.com](mailto:forgebearing@kirtiforging.com)

Website : [www.kirtiforging.com](http://www.kirtiforging.com)

Our Overseas Business Partner

### **MR. KALOLA**

Phone/Fax : 845 440 3629

E-mail : [pck@yahoo.com](mailto:pck@yahoo.com)

Newyork - Usa

