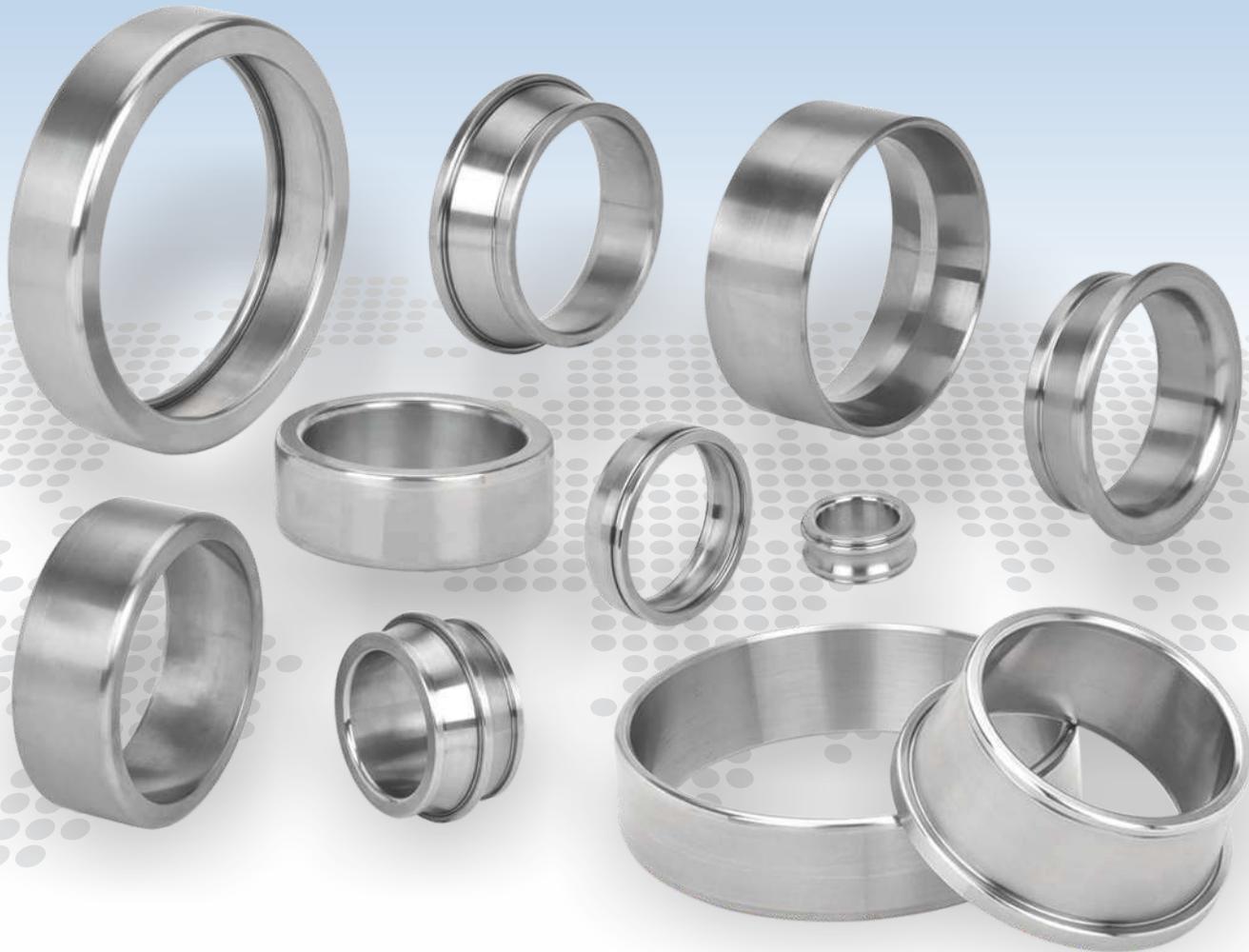


The Trademark of Bearing Races



AN ISO / TS 16949 : 2009 CERTIFIED COMPANY



SATANI FORGE & TURN



The Trademark of Bearing Races

Vision

To be the supplier of choice in every industry we serve.

Mission

To build a strong business to produce quality products sustainable in any business environment

History of Growth

SFT Is The Company Dedicated To The Design, Development, Manufacture & Supply Of Complete Solution Where High Performance Bearing Races Are Needed.

1983

Start up with four manual turning machine at rajkot

1985

Expansion of production facility

1988

Increased turning machines for voluminous production

1990

Upgraded technology to automatic turning machines

1998

Switched to CNC Turning machines

1999

Certified for ISO 9001 (9002)

2002

Expanded turning capacity

2005

Established forging plant with bar Induction forging line

2006

Certified for ISO TS 16949

2007

Expanded induction forging lines

2009

Expanded CNC Turning facility with addition of high speed 30 CNC Turning machines

2011

Second Phase of Expansion of forging line

2012

Consolidated turning facilities into one large facility at Metoda GIDC

2015

Second phase of expansion for turning facility with additional 18 CNC Turning machines



AN ISO / TS 16949 : 2009 CERTIFIED COMPANY



SATANI FORGE & TURN



Technology to meet all the needs and development capabilities Producing

The Trademark of Bearing Races

Company Profile



The Trademark of Bearing Races

As a leading company in the industry, we are pursuing further technological innovation in our safe, comfortable working environment.



As a specialist of manufacturing bearing parts, we Satani Forge & Turn have been winning customer trust since our foundation in 1983, we, a leading company in the industry, have adopted the integrated production system to obtain high reputation on our technological skills and flexibility.

The global economic recession caused had a great impact on Satani Forge & Turn. To overcome such adversity, we are seriously considering continuous growth in our business and transforming ourselves.

In 2005 for the first time after our foundation, we developed a medium-term business vision. "SFT Vision 2005". From a medium-and long term standpoint, we have started a number of new activities to enhance our corporate value through the efforts of all our employees. Among our activities, energy and resource saving efforts are the most important. Therefore, many of SFT'S new activities are related to energy and resource saving. WE believe that developing new products and technologies will greatly contribute to protection of the global environment.

We are continuously striving to build a new corporate culture where our employees can work satisfactorily and thrive professionally. We will foster excellent human resources by reforming our personal / education system.

As a company we contribute to create an affluent society. Satani Forge & Turn will continue to work toward technological innovation to respond to the needs of society.

Your continued guidance and support will be greatly appreciated.

Managing Directors

Paresh Satani
Chirag Satani

High Performance Bearing Rings With The Best Service.

www.sataniindustries.com

Plant Capacity



The Trademark of Bearing Races

SFT's efficient and safe production line creates a number of high-quality products.



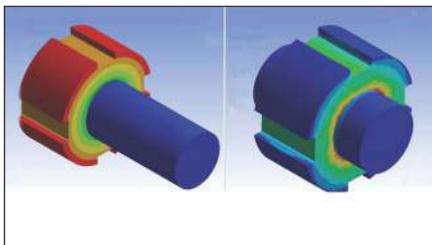
Our high technology production line meets the strict needs of the market.

We are making efforts to create a comfortable plant environment and produce efficient and high-quality products.

Plant is equipped with the integrated process line (including hot forging) ensures mass production.

SFT Plant is equipped with all facilities necessary for mass production. In the Forging Workshop, forging formers are used for hot forging. Then products are manufactured on the integrated process line (consisting of Annealing Workshop, Shot Workshop and CNC Turning Workshop)

Processes



- 1 Designing and manufacturing dies**
Dies for ordered items are designed and manufactured.



- 2 Hot forging**
Steel bars are heated with high frequency for precision molding.



- 3 Spheroidizing annealing**
The furnace temperature is automatically controlled so that workpiece properties may become suitable for the subsequent processes.



- 4 Shot blast**
Abrasive particles are shot to remove oxidized scales.



- 5 CNC turning**
High-precision lathe turning by using a CNC turning machine.



- 6 Packing**
At last packing is done and shipped as per Customer Requirements.

Quality In Everything We Do.

The Trademark of Bearing Races

Plant Capacity



The Trademark of Bearing Races

High-performance facilities support SFT's quality



Our high technology production line meets the strict needs of the market.

We are making efforts to create a comfortable plant environment and produce efficient and high-quality products.

SFT Plant



We introduce world-level technologies into our integrated production system to manufacture bearing parts.

Plant adopts the integrated production system to manufacture high-precision bearing parts. We have established efficient and productive processes to meet the high requirements. Introduction of a new hot forging technology has significantly increased productivity of bearing parts. We are working toward further increasing productivity.

To meet requirements of today's high-performance machine products, we are making daily efforts to build a high-precision, high-efficiency production system.

Manufacturing Facilities

Facility	Number of Lines	OD	Height	Width	Weight (Max.)	Production Capacity in MT (Monthly)
Conventional Ring Rolling	4	Ø50mm to Ø250mm	up to 80mm	up to 175mm	4.5 Kgs.	1000 MT
Conventional Profile Ring Rolling	1	Ø200mm to Ø500mm	up to 300mm	up to 175mm	30 Kgs.	200 MT
Anneling	24	All	All	All	-	1275 MT
CNC Turning	71	Ø50mm to Ø500mm	up to 300mm	up to 175mm	30 Kgs.	1 Million Rings

Quality In Everything We Do.

www.sataniindustries.com

Quality



The Trademark of Bearing Races

The quality control system improves the development & mass production system of Production Division.

Complete quality & process control based on our own strict standards. SFT is confident of producing only perfect products to meet customer needs.



Building "SFT Brand" through the strict quality control system.

SFT has created Quality Control Section as a plant management system, which is used to inspect dimensions, forms, surface roughness, roundness and appearance to check if the products are manufactured at customer's requests.

Our role is to offer only reliable quality products to our customers.

Section for manufacturing technology are set up to manufacture products through product planning, facilities & process planning and maintenance, adapting to product development and mass production.

Each process has its own quality standard; only non-defective products proceed to the following process, thus increasing process quality.

We adopt the Plan-Do-Check-Act (PDCA) management cycle in all units to share common awareness of problems among Sections. We strongly support "Built-in Quality" through "Total Quality Management".

For quality control, our qualified skilled workers carefully inspect products by using a variety of testing equipment (including 3D measuring instrument, shape measuring instrument, hub testing equipment, hardness tester and projector).

We hold "Presentation Meetings on Results and Feedback of Improvement Activities" to improve skills of our engineers. Thus we offer only products created through strict quality & process control.



Different Demands The Same Commitment.

The Trademark of Bearing Races

Quality



The Trademark of Bearing Races

Inspection Facilities



Contracer



MPI (For Crack Check)



CMM
(Coordinate Measuring Machine)



Comparator Gauge



Optical Profile Projector



Microscope



XRF Gun



Hardness Tester



Roughness Tester



Spectro

Different Demands The Same Commitment.

www.sataniindustries.com

AN ISO / TS 16949 : 2009 CERTIFIED COMPANY



SATANI FORGE & TURN



Taper Roller Bearing Races

Key Features :

- Efficient Material Usage
- Zero Defects
- Competitive pricing
- Customized Large Batch production
- Assured Quality
- Global Customer base
- World Class Pro and After Sales Service
- World-class technology according to global manufacturing criteria
- Green Manufacturing
- Knowledge transferring company over 3 decades

The Trademark of Bearing Races

Taper Roller Bearing Races



The Trademark of Bearing Races

Applications :

Mobility/Transportation

- Automotive
- Industrial Vehicles
- Aerospace
- Railway
- Ship Industry

General Industry

- Dies & Rolls
- Agriculture
- Chemical Process Equipment
- Fluid Handling

Gears Transmissions & Bearings

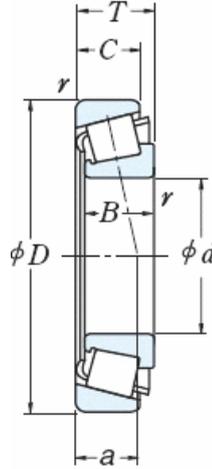
- Gear Boxes
- Speed Reducers
- Gear
- Ultra Large Bearings

Construction Equipment

- Construction
- Mining
- Tunneling

Power Generation

- Wind
- Turbine



Product Range :

D = \varnothing 500mm (Max.)

d = \varnothing 40mm (Min.)

B = C = 15mm to 175mm

Weight = 0.6 to 30 Kgs.



AN ISO / TS 16949 : 2009 CERTIFIED COMPANY



SATANI FORGE & TURN



Spherical Roller Bearing Races

Key Features :

- Efficient Material Usage
- Zero Defects
- Competitive pricing
- Customized Large Batch production
- Assured Quality
- Global Customer base
- World Class Pro and After Sales Service
- World-class technology according to global manufacturing criteria
- Green Manufacturing
- Knowledge transferring company over 3 decades

The Trademark of Bearing Races

Spherical Roller Bearing Races



The Trademark of Bearing Races

Applications :

Mobility/Transportation

- Automotive
- Industrial Vehicles
- Aerospace
- Railway
- Ship Industry

General Industry

- Dies & Rolls
- Agriculture
- Chemical Process Equipment
- Fluid Handling

Gears Transmissions & Bearings

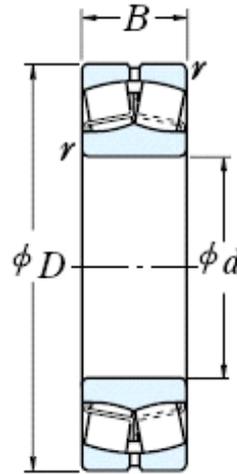
- Gear Boxes
- Speed Reducers
- Gear
- Ultra Large Bearings

Construction Equipment

- Construction
- Mining
- Tunneling

Power Generation

- Wind
- Turbine



Product Range :

D = \varnothing 500mm (Max.)

d = \varnothing 40mm (Min.)

B = 15mm to 175mm

Weight = 0.6 to 30 Kgs.



AN ISO / TS 16949 : 2009 CERTIFIED COMPANY



SATANI FORGE & TURN



Cartridge Taper Roller Bearing Races

Key Features :

- Efficient Material Usage
- Zero Defects
- Competitive pricing
- Customized Large Batch production
- Assured Quality
- Global Customer base
- World Class Pro and After Sales Service
- World-class technology according to global manufacturing criteria
- Green Manufacturing
- Knowledge transferring company over 3 decades

The Trademark of Bearing Races

Cartridge Taper Roller Bearing Races



The Trademark of Bearing Races

Applications :

Mobility/Transportation

- Automotive
- Industrial Vehicles
- Aerospace
- Railway
- Ship Industry

General Industry

- Dies & Rolls
- Agriculture
- Chemical Process Equipment
- Fluid Handling

Gears Transmissions & Bearings

- Gear Boxes
- Speed Reducers
- Gear
- Ultra Large Bearings

Construction Equipment

- Construction
- Mining
- Tunneling

Power Generation

- Wind
- Turbine

Product Range :

D = \varnothing 500mm (Max.)

d = \varnothing 40mm (Min.)

B = C = 15mm to 175mm

Weight = 0.6 to 30 Kgs.



AN ISO / TS 16949 : 2009 CERTIFIED COMPANY



SATANI FORGE & TURN



Cylindrical Roller Bearing Races

Key Features :

- Efficient Material Usage
- Zero Defects
- Competitive pricing
- Customized Large Batch production
- Assured Quality
- Global Customer base
- World Class Pro and After Sales Service
- World-class technology according to global manufacturing criteria
- Green Manufacturing
- Knowledge transferring company over 3 decades

The Trademark of Bearing Races

Cylindrical Roller Bearing Races



The Trademark of Bearing Races

Applications :

Mobility/Transportation

- Automotive
- Industrial Vehicles
- Aerospace
- Railway
- Ship Industry

General Industry

- Dies & Rolls
- Agriculture
- Chemical Process Equipment
- Fluid Handling

Gears Transmissions & Bearings

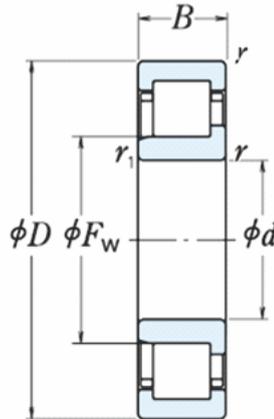
- Gear Boxes
- Speed Reducers
- Gear
- Ultra Large Bearings

Construction Equipment

- Construction
- Mining
- Tunneling

Power Generation

- Wind
- Turbine



Product Range :

D = \varnothing 500mm (Max.)

d = \varnothing 40mm (Min.)

B = 15mm to 175mm

Weight = 0.6 to 30 Kgs.



AN ISO / TS 16949 : 2009 CERTIFIED COMPANY



SATANI FORGE & TURN



Deep Groove Ball Bearing Races

Key Features :

- Efficient Material Usage
- Zero Defects
- Competitive pricing
- Customized Large Batch production
- Assured Quality
- Global Customer base
- World Class Pro and After Sales Service
- World-class technology according to global manufacturing criteria
- Green Manufacturing
- Knowledge transferring company over 3 decades

The Trademark of Bearing Races

Deep Groove Ball Bearing Races



The Trademark of Bearing Races

Applications :

Mobility/Transportation

- Automotive
- Industrial Vehicles
- Aerospace
- Railway
- Ship Industry

General Industry

- Dies & Rolls
- Agriculture
- Chemical Process Equipment
- Fluid Handling

Gears Transmissions & Bearings

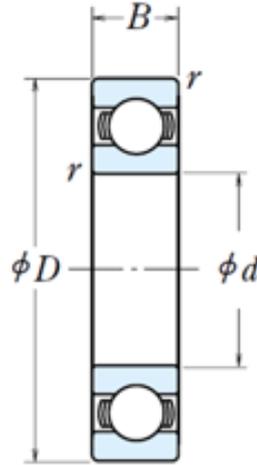
- Gear Boxes
- Speed Reducers
- Gear
- Ultra Large Bearings

Construction Equipment

- Construction
- Mining
- Tunneling

Power Generation

- Wind
- Turbine



Product Range :

D = \varnothing 500mm (Max.)

d = \varnothing 35mm (Min.)

B = 15mm to 175mm

Weight = 0.6 to 30 Kgs.



AN ISO / TS 16949 : 2009 CERTIFIED COMPANY



SATANI FORGE & TURN



Double Roller Angular Contact Bearing Races

Key Features :

- Efficient Material Usage
- Zero Defects
- Competitive pricing
- Customized Large Batch production
- Assured Quality
- Global Customer base
- World Class Pro and After Sales Service
- World-class technology according to global manufacturing criteria
- Green Manufacturing
- Knowledge transferring company over 3 decades

The Trademark of Bearing Races

Double Roller Angular Contact Bearing Races



The Trademark of Bearing Races

Applications :

Mobility/Transportation

- Automotive
- Industrial Vehicles
- Aerospace
- Railway
- Ship Industry

General Industry

- Dies & Rolls
- Agriculture
- Chemical Process Equipment
- Fluid Handling

Gears Transmissions & Bearings

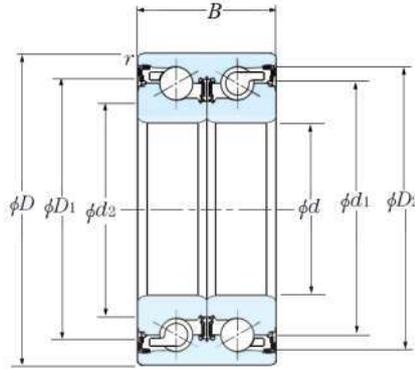
- Gear Boxes
- Speed Reducers
- Gear
- Ultra Large Bearings

Construction Equipment

- Construction
- Mining
- Tunneling

Power Generation

- Wind
- Turbine



Product Range :

$D = \phi 250\text{mm}$ (Max.)

$d = \phi 35\text{mm}$ (Min.)

$B = 15\text{mm to } 175\text{mm}$

Weight = 0.6 to 30 Kgs.

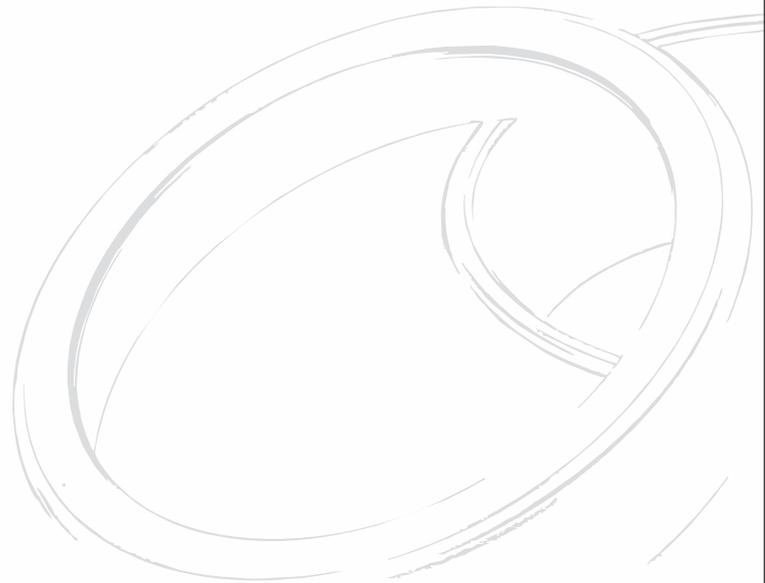




Basic Principles of SFT's Business Activity for Creating People, Products and Society.

We Value...

1. Serve the best available products to customers. (Quality)
2. Strive for zero accident without compromising safety. (Safety)
3. Accept every challenges in business (Ambitions)
4. Be humble and sincere in everything we do. (Sincerity)
5. Greet each other with smile and be cheerful and friendly. (Cheerful workplace)
6. Develop the team with Can Do Attitude (Innovation)
7. No effort, no success : no success, no business (Efforts)
8. Devote people's knowledge to produce the sustainable quality products to contribute to society (Contribution to society)
9. Eliminate waste and inefficiency to increase efficiency. (Improvement)
- 10 Believe in, respect and think of fellow workers. (Trust)





The Trademark of Bearing Races



SATANI FORGE & TURN

Factory (Forging unit)
Plot No. G-560, Road No. G-1,
G.I.D.C. Lodhika Industrial Estate,
Kalawad Road, Metoda-360 021.
Dist. Rajkot. (Gujarat) INDIA

Head Office & Factory (CNC Turning unit)
Plot No. G-914/15, Road No. G-1,
G.I.D.C. Lodhika Industrial Estate,
Kalawad Road, Metoda-360 021.
Dist. Rajkot. (Gujarat) INDIA

Ph. : +91 2827-287972 / 73
Fax : +91 2827-287974
visit us at : www.sataniindustries.com
e-mail : sales@sataniindustries.com
e-mail : chirag@sataniindustries.com

