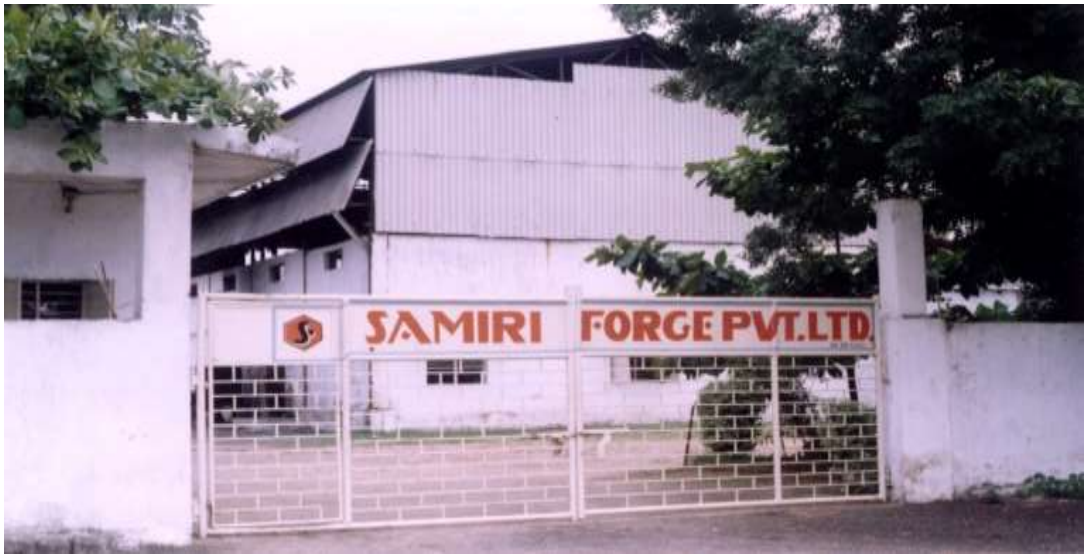


SAMIRI FORGE PVT LTD.

COMPANY PROFILE

Manufacturer of Close Die Forging & Machining components for Automobile and General Engineering Application

Office Address: - Plot no:-A/41, Road no:-12, Wagle Industrial Estate, Thane-400602, Maharashtra, India. Phone no:-+91-22-25804428, 25824878.
Fax no:-+91-22-25801983
Factory Address: - Plot No: - 52/53, GIDC Chandisar, Palanpur-Deesa highway, Dist:-Banaskantha, Palanpur, Gujarat-385510, India. Phone:-+91-02742-283381.
E-Mail:-
samiri_engineers@yahoo.com
bhavesh@samiriengineers.com

Contact person details:-
Mr.Natwar Panchal-+91-9821086005 Director
Mr. Bhavesh N Panchal +91-9819295405

Introduction of Company:-

SAMIRI FORGE PVT LTD. was established in year 1996 in GIDC Palanpur, Located in Banaskantha district of Gujarat, India.

Company started the manufacturing unit with One ton Close Die Forging Hammer facility, with forging capacity of 60 tons per month. The Company has progressed with an expansion & commission of Two tons forging hammer and expanded its manufacturing capacity up to 180 tons per month.

The company is also capable of manufacturing & supplying forged as well as machined components with precision accuracy.

The Machining facility is located in Thane & Nashik.

The company is currently catering to Automobile sector, as well as general engineering sector. After the expansion of facility the company is interested to expand its customers engaged in Automobile OEM &serving as auto Ancillaries to OEM's

The promoter and Director of company Mr.Natwar Panchal with his 30 years of experience in field of machining & forging has made his consistent efforts to serve all sectors of engineering with its best quality of forgings and have a vision to expand the company by addition of customers and to cater all sectors of industry.

The company is an ISO 9001:2008 company; hence all the quality standards and procedures are followed as per the system requirements.

The Company has its Unit-2, located in nashik, which was set up in year 2008, with machining facilities and to serve better to the local customer located in Nashik.Few components which are supplied in semi-finish machined condition are machined at Nashik Plant and then supplied to customer.

Recently in-house Heat-Treatment facility, with continuous heat-treatment plant, for process like Normalizing, Hardening Tempering & Annealing has been installed to provide value addition services to customers.

PROCESS OF MANUFACTURING

Short Description & Process of Forging components:-

Raw Material in form of Round Bars are received, Bars are sheared in pieces as per the required Length and Weight. The Sheared bars are then forwarded to Forging Shop and Process flow of forging Raw-Material into finish Components is as below:-

Heating of Raw Material in Furnace.

Forging component as per Die cavity

Trimming of Extra Material and Flashes

Grinding of Extra Flash Material

Heat-Treatment of Components

Shot Blasting

Inspection of Components

Dispatch

Company Profile and Organization detail

Name of Organization	:	M/s. Samiri Forge Pvt. Ltd.
Type of Organization	:	Private Limited.
Year of Establishment	:	1996
Works Address	:	52/53, Chandisar G.I.D.C. , Palanpur - Dessa Highway, Palanpur. District- Banaskantha. Gujarat-385510.
Works Contact	:	02742 -283381.
Office Address	:	Plot no:-A 41 , Road No. 12 , Wagle Industrial Estate Thane -400604.(West) E-Mail samiri_engineers@yahoo.com bhavesh@samiriengineers.com
	:	
Office Contact	:	022 - 25804428, 25824878.
TeleFax	:	022 - 25801983.
Sales Tax	:	24020801624 w.e.f 01/07/2002 24520801624 w.e.f 09/08/1996
Central Excise	:	Registration no: AAFCS 5965 GXM001 Div : Mahesana –I Range: Palanpur. Collector: Ahmedabad. II
Facilities	:	Manufacturing & Supplying Of Forgings, With Machining Facilities.
Sister Concern	:	1. Samiri Equipments & Engineers Pvt. Ltd, 2. Sree Samiri Engineers ,Thane 3. Jay Engineers, Thane
Factory Area	:	4000 Sq. Meters.
Weekly off	:	Thursday
Annual Turnover	:	F.Y 2013-2014 =900 Lacs (INR) F.Y 2012-2013 =1100 Lacs (INR) F.Y 2011-2012 =650 Lacs (INR)

Major Existing Customers:-

1. **Mahindra Sona Limited,Nashik**

   Auto Ancillary Manufacturing Propeller Shafts for Transmission of Drive from Gear box to differential casing, Application in Commercial and Passenger Vehicles of Mahindra, Also engaged in manufacturing of Clutches and Brakes for Automobile application.

   Description of Components manufactured:-

   Stub Yoke, Weld Yokes, Flange Yoke, Sleeve yokes and End Yokes.

2. **Hindustan Hardy Spicer Limited,Nashik**

   Auto Ancillary Manufacturing Propeller Shafts for Transmission of Drive from Gear box to differential casing, Application in Commercial Vehicles of Eicher, Bajaj, Dana & Mahindra

   Description of Components manufactured:-

   Stub Ball Yoke, Flange Yoke, Sleeve Yoke and Journal

3. **XLO India Limited,Nashik**

   Auto Ancillary Manufacturing Steering Gear Assemblies for Steering Systems of Commercial and passenger vehicles.

   Description of Components manufactured:-

   Steering Arms, Gear Shafts, Sector shafts, Housing caps, Nuts, End Yoke & Stub Yoke

4. **Hytech Engineers Pvt Ltd , Thane**

   Hydraulic fittings used in Hydraulic machines and automobiles and earth-Moving Equipments

   Description of Components manufactured:-

   Elbow, Tee, Union-Joints, etc.

5. **RUD India Chains Pvt Ltd.**

   Forged Links for Chain Conveyors

QUALITY ASSURANCE SYSTEMS as per ISO: 9001-2008

1. ORDERING :

Raw Material P.O. Raised on the approved source given by customer for specific components.

2. TESTING:

R.M. Is received along with the mill T.C. From the supplier/ manufacturer. The received material is put into the steel yard Bay identifying with tag "Mat for LabTest"

2 no's bars per every 100 bars are taken for testing.

Simultaneously CRACK test is carried out for 5 no's /100 bars.

In case the material approved for **chemical** & **crack** test all the bars are color coded on bars face as per the SF color code chart for specification. Also the Lot is identified with heat no. & SF heat code by tag.

In case the material is rejected, all bars are identified by red paint. Accepted material details are entered in raw Material register.

Before cutting the bars either on hacksaw or on Shearing m/c the full length bar is color coded so as to get each billet identified by color code.

3. DIES:-

Dies are inspected by taking out plaster cast. The plaster cast is laid out for all dimension & the details are entered in PLASTER CAST. INSPECTION REPORT with remark whether OK or for rectification etc.

4. **HOT CONTROL INSPECTION** : Running job production is periodically checked by shop inspector for dimension and behavior of the run for defect and observation are recorded in log book. The inspector is authorized to stop production in case the rejection exceed to 1.5%.

5. **GREEN INSPECTION** - Production is 100% inspected for visual defects and acceptable forging are released for further operation. The details of inspection are recorded in the log book.

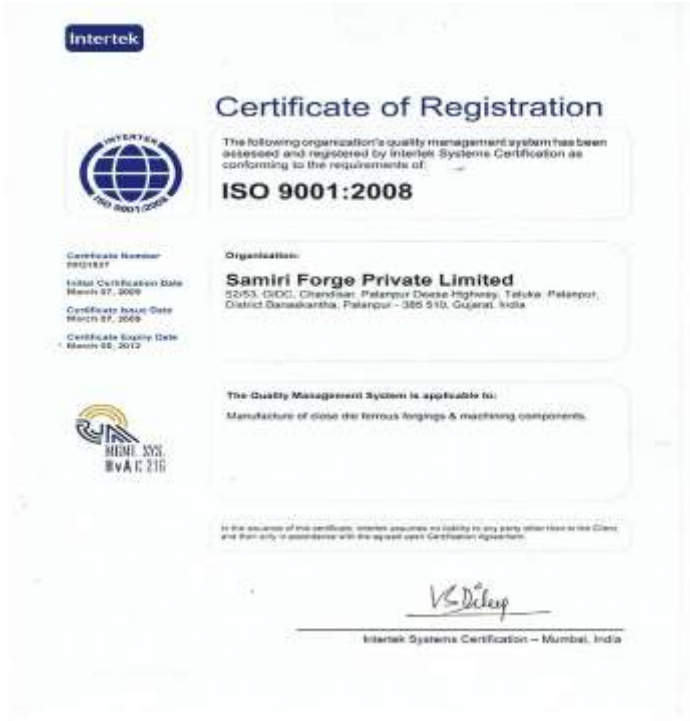
6. **FINAL INSPECTION** - (Dimensional) 100% visual inspection done at final stage. Randomly 8 to 10 pieces checked for dimension & the details are entered in pre-dispatch inspection report. Original copy of the report is sent along with corresponding supply. Duplicate is retained.

7. **FINAL INSPECTION (METALURGICAL)** – The dispatch able material is certified by MILLT.C.,Lab test report and heat treatment results such as hardness, microstructure etc as per requirements.

8. **DESPOSAL OF SCRAP -** Rejected forging is reviewed and rework able forging are segregated. Rework able forgings are reworked separately & inspected critically for the recovery. Non rework able forgings are declared as 'scrap' & put into specified bin of scrap yard. The declared scrap details are entered in "scrap book".

Certification and Approvals:-

1. ISO:9001-2008



Intertek

Certificate of Registration

The following organization's quality management system has been assessed and registered by Intertek Systems Certification as conforming to the requirements of:

ISO 9001:2008

Certificate Number
0002/0837

Initial Certification Date
March 07, 2009

Certificate Issue Date
March 07, 2009

Certificate Expiry Date
March 06, 2012

Organization:

Samiri Forge Private Limited
52/53, GIDC, Chandisar, Palanpur Deesa Highway, Taluka: Palanpur, District Banaskantha, Palanpur - 385 510, Gujarat, India

The Quality Management System is applicable to:

Manufacture of close die ferrous forgings & machining components.

MEMB. XXIX
IRQA C 216

In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement.

Intertek Systems Certification – Mumbai, India

2. Indian Boiler Regulation- (CIB)

Office of the Director of Boilers,
4th Floor, Sharu Bhavan, Near Gas House, Ramon Cama Marg, Khanpur, Ahmedabad-380001
Phone : 079- 25505066- 25505067 Fax: 079- 25505063

No:DOB/TECH/2012/ 9594 Date: - 6 OCT 2012

To,
The Director,
SAMIRI FORGE PVT. LTD.,
52/53, G.I.D.C., Chandisar,
Palanpur Deesa Highway,
Ta. Palanpur,
Dist. Banaskantha (N.G.).

Sub: Approval of your workshop for **manufacturing of Forging** under inspection of IBR-1950

Ref: 1 Your letter no. nil dtd. 08/08/2012.
2 Your letter no. nil dtd. 28/08/2012.
3 Your letter no. nil dtd. 05/10/2012 (2 nos.).
4 Letters no. ADB / MEH / 2025 / 2025 dtd. 31/08/2012 of Assistant Director of Boilers, Mehsana submitting report of the firm's forge shop inspection.
5 Government of Gujarat Notification no. GR. – 2007 – 73 – IBA – 1099 -1895 (I) – M – (3) dtd. 31/08/2007.

Sir,

With reference to above you are permitted for **Two years** for manufacturing of forgings under inspection of IBR-1950 subject to the following conditions.

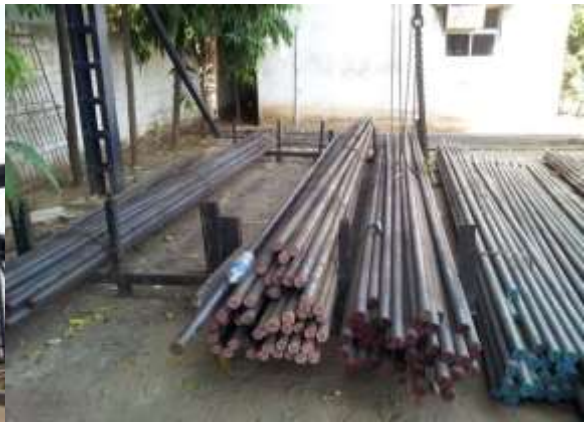
1. Drawings of the forgings must be got approved from the undersigned before doing forging.
2. Raw material of forging must be offered for inspection along with material test certificates to the Assistant Director of Boilers.
3. Physical and chemical testing of finished forging must be done in approved laboratory in presence of the Inspecting Officer of this Inspectorate.
4. Forgings must be offered for verification and final inspection / stamping on completion of forgings.
5. Heat treatment of the forging to be carried out as per the requirement of the related code in the heat treatment furnace having current certified calibration certificate by the firm in presence of Inspecting Officer.
6. You have to comply In-house Heat Treatment Furnace and In-house Physical and Chemical testing laboratory within the period of six months.
7. You shall have to carryout manufacturing of forgings as per instructions issued from time to time either by Inspecting Officer or by Inspecting Authority.
8. This permission can be withdrawn at any time without giving notice if the workmanship is found unsatisfactory.
9. If any change in firm's name, Director & technical staff must be informed to this office at the earliest.
10. **You are hereby instructed to get it renewed before 60 days from the expiry of this certificate.**

Voucher no. 266 of Rs.5000/- dtd. 30/08/2012 (Chalan submitted at Mehsana office) for registration fees is enclosed herewith.

Yours Faithfully,

(R.N.Charel)
Director of Boilers
Gujarat State, Ahmedbad.

Factory Pictures:-





Facility available for Manufacturing at Samiri Forge, Palanpur Plant

List of Machineries.

Forging Facility

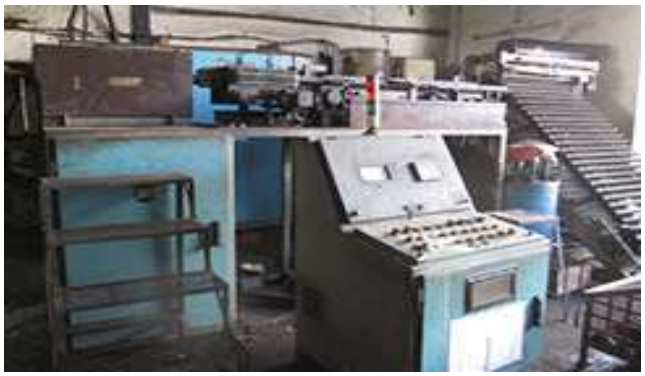
Sr.no.	Description of Machinery	Capacity	Make	Quantity
1.	Belt Drop Hammer	1 Tons	NKH,Ludhiana	1 no.
2.	Belt Drop Hammer	2 Tons	NKH,Ludhiana	1 no.
3.	Trimming Press	150 tons	Gurman machine tools ,Ludhiana	1 no.
4.	Trimming Press	200 tons	Gurman machine tools ,Ludhiana	1 no.

Images of Belt Drop Hammer 1 ton and 2 ton with trimming press of 150 ton and 200 tons

Heating-Facility

Sr.no.	Description of Machinery	Capacity	Make	Quantity
1.	Induction Billet Heater	100 KvA	Inducto-Therm	1 no.
2.	Induction Billet Heater	200 KvA	Inducto-Therm	1 no.
3.	Oil Fired furnace	-	-	1 no.

Images of Induction Billet Heater 100 KvA & 200 KvA




Cutting Facility.

Sr.no.	Description of Machinery	Capacity	Make	Quantity
1.	Billet Shearing Machine	3 Inch	Shree-Engineering	1 no.
2.	Hack-Saw Machine	-	-	2 no.

Images of Billet Shearing Machine


Fettling and Finishing Facility

Sr.no.	Description of Machinery	Capacity	Make / Type	Quantity
1.	Shot Blasting Machine	5 Cubic Fts	Thumb Blast	1 no.
2.	Pedestrial /Bench Grinding machines	-	-	10 no.

Images of Shot-blasting Machine & Grinding Shop


Die Shop

Sr.no.	Description of Machinery	Capacity	Make / Type	Quantity
1.	Vertical Machining Center VMC-MCV 400	X-Axis 800, Y-Axis 500 , Z-Axis 500	AMS,Banglore	1 no.

Images of Die Shop & VMC


List of Heat-Treatment facility and Metallurgical checking facilities.

No	Description of Machinery	Capacity	Make	Qty
1.	Continuous Pusher type Heat Treatment furnace (For process like Normalizing/Hardening/Tempering and ISO Annealing with SCADA automation)	250 Kg/hr. (150Tons Per Month)	Quartet Thermal Engineering, Mumbai	1 no.
2.	Microscope with Image Analyzing Software	1000 X	Chennai Metco	1 no.
3.	Abrasive Disc Cutting Machine	12”	Chennai Metco	1 no.
4	Double Disc Polishing Machine		Chennai Metco	1 no.
5.	Brinell Hardness Tester	750 to 3000 kgs	Fine Testing (TKB 3000)	1 no.
6.	Magnaflux Crack Detector	-	Magnified	1 no.









LIST OF MACHINING FACILITY AT THANE PLANT

CNC Shop-at Thane

Name of m/c.	Make	Travel	Qty	Table Size	Load Capacity
C.N.C. Lathe	H.M.T. - Eco Junior	X-400,Y-150	1 No.	Dia 200 x 400	50 kg
C.N.C. Lathe	ACE - Simple Turn	Z-1250mm,Y-250	1 No.	Dia 280 x1000	200 kg
C.N.C. Lathe	ACE - Jobber XL	Z-300mm,X-200mm	1 No.	Dia 250 x 400	50 kg
C.N.C. Lathe	ACE - Supper Jobber	Z-350mm,X-200mm	1 No.	Dia 250 x 450	50 kg
C.N.C. Lathe	ACE - Jobber XL	Z-300mm,X-200mm	1 No.	Dia 250 x 400	50 kg
C.N.C. Lathe	ACE - Supper Jobber	Z-350mm,X-200mm	1 No.	Dia 300 x 450	50 kg
Vertical Machining Center	AMS-Winner	500 x 400 x 300	1 No.	800 x 400	300 Kg
Vertical Machining Center	AMS-600 CX	1200 x 600 x 600	1 No.	1450 x 600	1000 Kg
Vertical Machining Center	AMS-400 (With Pallet)	800 x 500 x 500	1 No.	1000 X 600	500 Kg
Double Column VMC	SAGAR	4500 x 1500x 1300	1 No.	4500 x 1500	2500 Kg

Double Column VMC

VMC-MCV 600 CX

VMC-Winner

CNC-Lathe Jobber XL & Super Jobber

CNC-Lathe Simple Turn 1250

Conventional & Heavy Machine Shop at Thane

Name of m/c.	Make	Travel	Qty	Table Size	Load Capacity
Horizontal Boring M/C	CORNAC - Dia 115	3000 x 2500 x 2500	1 No.	6000 x 3000	10
Horizontal Boring M/C	W M W - Dia 80	1000x800x800	1 No.	1100 x 900	2.5
Horizontal Boring M/C	ShareMan Dia 100	1600x 1200x 1400	1 No.	1400 x 1200	2.5
Horizontal Boring M/C	W M W - Dia 160	3500 x 2500 x 2000	1 No.	7000 x 3000	12
Centre Lathe	P.S.G.	Dia 200 x 2400	1 No.	Dia 200 x 2400	600
Centre Lathe	ATUL	Dia 250 x 2400	1 No.	Dia 250 x 2400	1000
Centre Lathe	ATUL	Dia 250 x 2500	1 No.	Dia 250 x 2500	1000
Centre Lathe	P.M.T.	Dia 400 x 2400	1 No.	Dia 400 x 2400	1000
Capstan Lathe	TOSE	Dia 200 x 300	1 No.	Dia 200 x 300	100
Centre Lathe	United	Dia 1000 x 8000	1 No.	Dia 1000 x 8000	5
Centre Lathe	United	Dia 1000 x 3000	1 No.	Dia 1000 x 3000	3
Milling machine	PRAGA	600 x 250 x 200	1 No.	1000 x 200	150
Milling machine	H.M.T.	800 x 250 x 200	1 No.	1350 x 350	300
Milling machine	TOSE	1000 x 250 x 200	1 No.	1600 x 350	300
Milling machine	SAJO	700 x 150 x 150	1 No.	850 x 200	300
Milling machine	Elliot	900 x 300 x 400	1 No.	1700 x 400	500
Milling machine	Haron France	800 x 450 x 500	1No.	1200 x 460	500
Milling machine	Haron France	1400 x 400 x 500	1 No.	2000 x 460	5000
Pillar Type drill	Cherkozky	Dia 30	1 No.	400 x 300	200
Pillar Type drill	H.M.T.	Dia 30	1 No.	400 x 300	200
Radial Drill	BATLIBOY	Dia 30	1 No.	850 x 500	200
Radial Drill	HMT	Dia 80	1 No.	2000 x 900	500
Cylindrical Grinding M/C.	H.M.T.	Dia 4	1 No.	Dia 400 x 2700	2000
Surface Grinder	PINACAL	400 x 200 x 200	1 No.	500 x 200	200

Images conventional Machining Shop

Milling Machines

Horizontal Boring Machines

Radial Drilling Machine

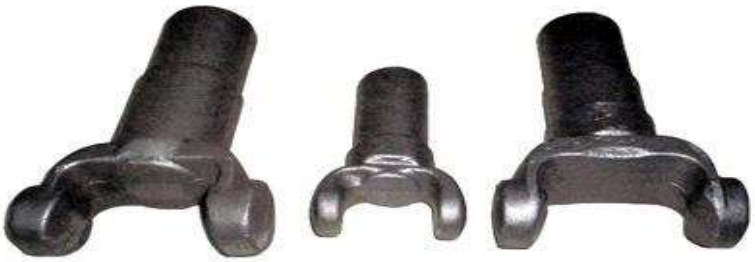
Cylindrical Grinding Machine

Lathe Machines

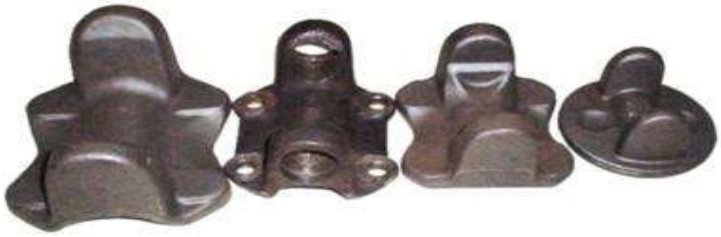
Floor Type Boring Machines

Components Manufactured:-

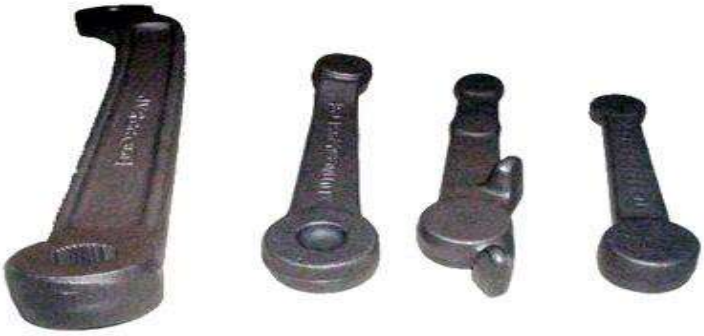
1. Sleeve Yoke.



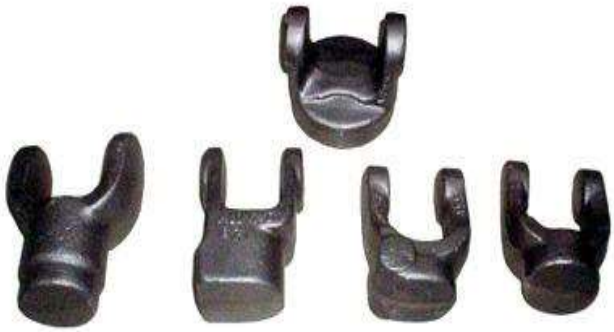
2. Flange Yoke:-



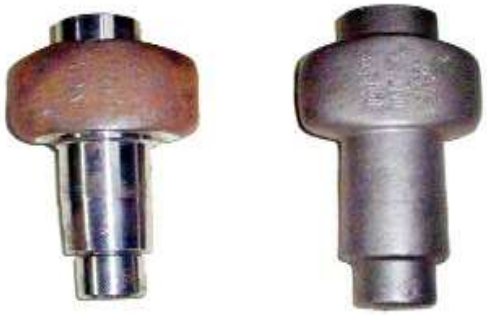
3. Drop Arms:-



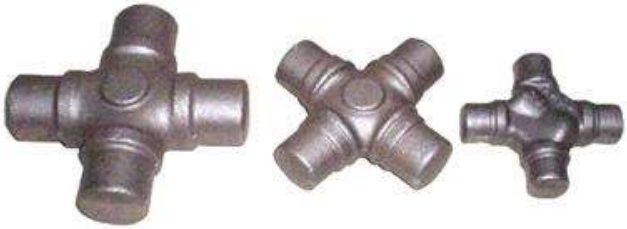
4. Stub Yoke, Weld Yoke & End Yokes:-

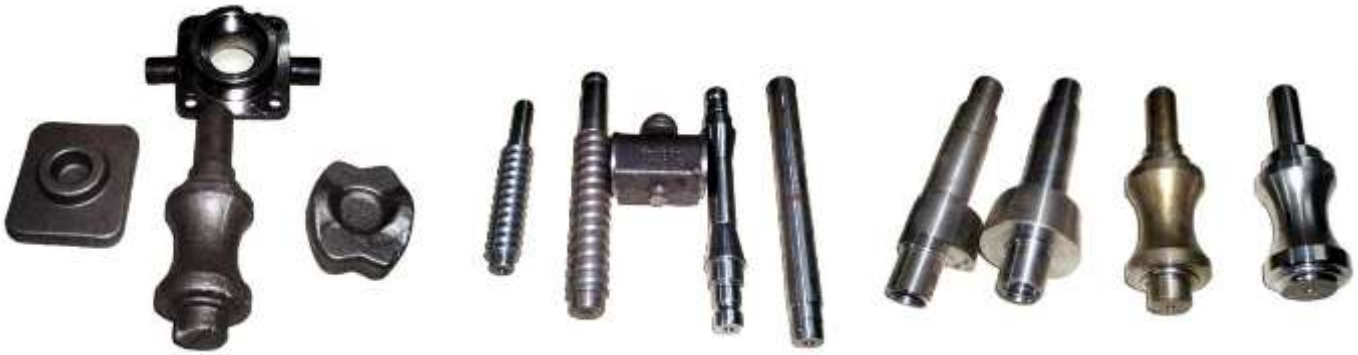


5. Gear Shaft:-

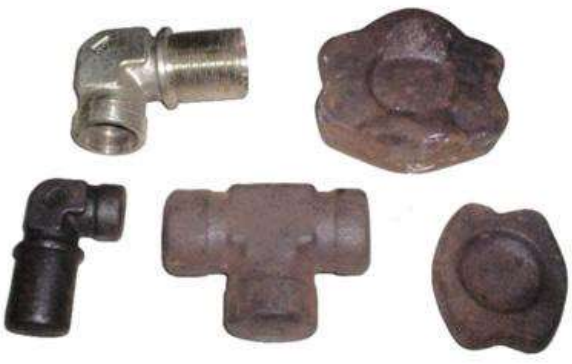


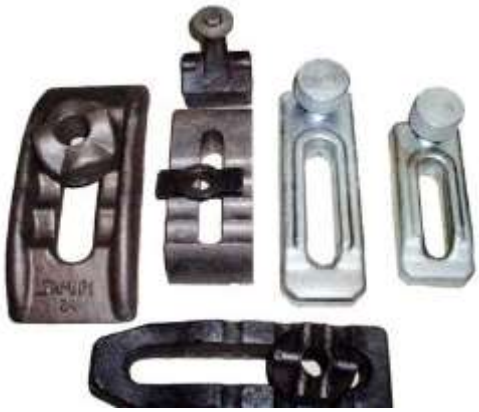
6. Journal, Forged & Machined Gear Blanks, Sector shafts:-





7. Hydraulic Fittings and Mould, Die holding Clamps:-





8. Components supplied with Forging and Machining condition-