

For Enquiries

mahipal@lexonalloys.com
+919892727917

Website

www.lexonalloys.com



Flanges, Fasteners, Round Bars

ONE STOP SHOP FOR *flanges,* *fasteners, round bars*

Welcome to Lexon Alloys, your trusted partner in Flanges, Fasteners, Round Bars. With years of experience in the industry, we have established ourselves as a leading manufacturer of reliable and efficient products. Our commitment to excellence and customer satisfaction sets us apart from the competition.

At Lexon Alloys, we offer a comprehensive range of product grades to meet the needs of various industries. From stainless steel to exotic alloy grades, we forge all grades in close-die forging and stock reputed manufacturers Sheets, Plates & Coils.

We are a one-stop shop for all types of Flanges and Fasteners. As we studied our clients need to reduce the number of suppliers they deal with, we have all facilities available in-house.

Mission

To be leaders in providing comprehensive customized manufacturing of Flanges and Fasteners. We make quality components, deliver them on time.

Vision

To build our reputation for quality, reliability, responsiveness and innovation. To exceed the expectations of our customers, suppliers and employees. To forge strategic partnerships with customers and suppliers for mutual competitive advantage.

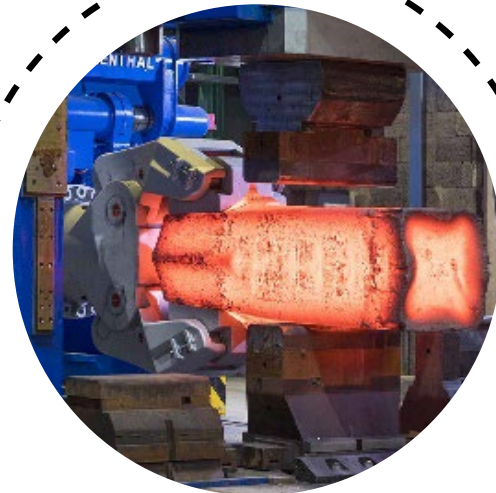
Values

Integrity, Excellence, Customer First, Empowerment, Innovation and Social Accountability.

PRODUCTION PROCESS

Heating

Ingots are heated in the furnace to prepare for forging



Forging

Heated ingots are then forged into shape using hammer

Heat Treatment

After forging, the material undergoes heat treatment to alter mechanical properties



Machining

The material then undergoes machining to achieve final shape and size desired



Testing

Finally, the material is tested as per client requirement and is ready to be dispatched



Quality YOU CAN trust IN EVERY piece.

Forging Facilities

We have closed-die forging for our flanges and fittings

- 1 Closed Die Forging hammer- 3 tons capacity



Proof & Finish Machining Facilities

We provide proof machining facilities for our rounds, blocks, rings, etc. and we also offer finish machining facilities for our components division

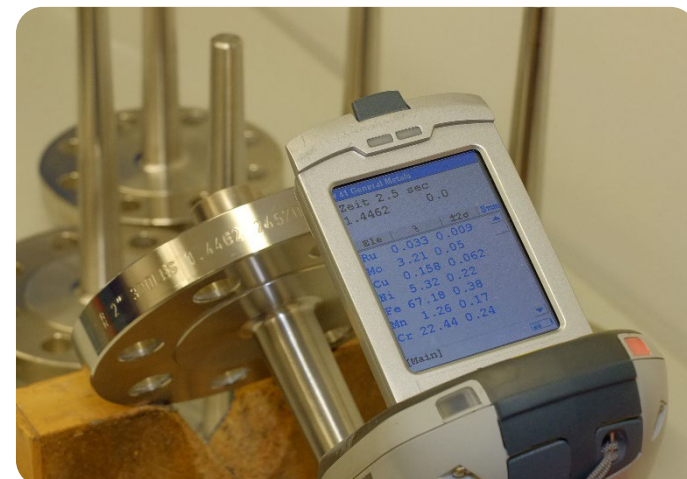
- 7 x Horizontal lathe machines
Capacity: Max Dia: 1200 mm, Max Height: 6000 mm
- 4 x Band Saw Cutting Machines
Capacity: Max Dia: 850 mm
- 4 x Horizontal CNC Machines
Capacity: Max Dia: 550 mm
- 1 x Vertical Machining Centre
Table Size: 1050 mm x 450 mm
- 2 x Radial Drilling Machines
Drilling Capacity: 120 mm
- Jig Boring Machine Drilling Capacity: 25.4 mm; Boring Capacity: 100 mm



Testing

In order to provide the best quality to our customers and to test and certify that quality, we can provide following test via NABL certified Laboratory

- Tensile Testing
- Impact Testing (Charpy)
- Brinell Hardness Testing
- Portable Leeb Hardness Testing
- Digital Rockwell Hardness Testing
- IGC Testing
- Corrosion Testing Machine
- Surface NDE-MPI & DP Testing
- Volumetric NDE- UT Testing
- Spectrometry Testing
- Various others



OUR *steel* EXCEEDS ALL EXPECTATIONS

From the very beginning, our approach to steel production has been rooted in a deep commitment precision and quality.

Our factory's strategic location allows us to do all processes in one place like forging, heat treatment & machining

PRODUCT:

Flanges

Types: Slip-On, Weld-Neck, Blind, Lap Joint, Threaded, Bossed Blind, Socket Weld, Reducing, Customised

Fittings

Types: Buttweld, Seamless, Socket Weld

Fasteners: Nuts, Bolts, Screws, Studs, Washers

PRESSURE CLASS:

150 to 2500 LBS

PN 6 to PN 400

SIZE RANGE:

½" - 36"

DN 10- DN 1000

M2-M100

STANDARDS AND SPECIFICATION:

ASME B16.5, ASME B16.47, DIN, EN 1092-1, JIS B222,

BS 3293

Certification and Third Party

- ISO 9001 - TUV Rheinland, Germany
- PED - Pressure Equipment Directive- TUV Rheinland, Germany
- AD 2000- Merkblatt W0
- TUV SUD Third Party
- TUV RHEINLAND Third Party
- TUV NORD Third Party
- BUREAU VERITAS Third Party
- DNV Third Party
- Lloyd's Third Party



INDUSTRIES THAT *trust* US

DIFFERENT *grades.*
SAME *quality.*

Valve
Manufacturing



Defense



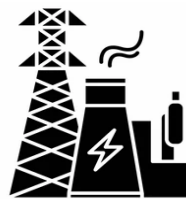
Oil & Gas



Aerospace



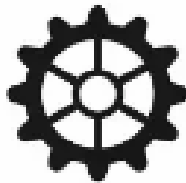
Power
Generation



Heat
Exchangers



Gear,
Transmissions
and Bearings



EPC



Construction
Equipment



Nuclear



Austenitic Steels

DIN	ASTM	JIS
1.4301	304	SUS 304
1.4307	304L	SUS 304L
1.4948	304H	SUS F 304H
1.4311	304LN	SUS 304 LN
-	304N	-
1.4845	310	SUS 310
1.4842	310S	SUS 310 S
1.4401	316	SUS 316
1.4404	316L	SUS 316L
1.4919	316H	-
1.4406	316LN	SUS 316LN
1.4571	316Ti	SUS 316Ti
1.4438	317L	SUS 317L
1.4541	321	SUS 321
1.4878	321H	SUS 321H
1.4550	347	SUS 347
-	347H SUS	SUS 347H
-	201	-
-	202	-
-	XM 19	-

Martensitic Steels

DIN	ASTM	JIS
1.4006	410	SUS 410
1.4005	416	SUS 416
1.4021	420	SUS 420 J1
1.4028	420B	SUS 420 J2
1.4031	420C	-
1.4057	431	SUS 431
1.4313	F 6NM	-
1.4923	X22CrMoV12-1	-

Alloy Steels/ Carbon Steels

INTERNATIONAL STD./ EN	DIN	SAE/AISI
EN 18	37Cr4	5140
EN 19	42Cr4Mo2	4140/4142
EN 24	34CrNiMo6	4340
SAE 4130	25CrMo4	SAE 4130
SAE 4140	42CrMO4	SAE 4140
21CrMoV5-7	1.7709	-
A105	-	-
A105N	-	-
LF2	-	-

Precipitation Hardening Steels

DIN	ASTM	JIS	ASTM	UNS	DIN
1.4542	17-4-PH	SUS 630	F 5/F 5A	K 41545	12CrMo195
1.4545	15-5 PH	-	F 9	K 90941	X12CrMo91
1.4594	-	-	F 11 (CL2)	K 11572	13CrMo44
-	15-7 PH	-	F 22 (CL3)	K 21590	10CrMo910
-	17-7 PH	-	F 91	-	X10CrMoVnB9-1
-	13-8 Mo	-	-	-	-

Ferritic Steels

DIN	ASTM	JIS	EN	DIN	SAE/AISI
1.4002	405	SUS 405	H - 11	1.2343	X37CrMov5-1
1.4512	409	SUS 409	H - 13	1.2344	X40CrMov5-1
1.4016	430	SUS 430	H - 12	1.2605	X35CrWMov5
-	430F	SUS 430F	-	-	-
1.4113	434	SUS 434	-	-	-
1.4509	441	-	-	-	-

Nickel Alloys

Common Name	UNS
Hastelloy® C22	N06022
Nickel 200	N02200
Monel® 400	N04400
Monel® 500	N05500
Inconel® 625	N06625
Inconel® 718	N07718
Inconel® 825	N08825

Tool Steels

EN	DIN	SAE/AISI
H - 11	1.2343	X37CrMov5-1
H - 13	1.2344	X40CrMov5-1
H - 12	1.2605	X35CrWMov5

Duplex Steels

DIN	ASTM	UNS
1.4410	F-53	S32750
1.4501	F-55	S32760
1.4462	F-51	S31803
-	F-60	S32205
-	F-65	S32906