

In pursuit of excellence in
Engineering & Product Supply



MANGALAM METAL
CORPORATION

AN ISO 9001 : 2015 CERTIFIED COMPANY

www.mangalammetal.com

www.mangalammetal.co.in

COMPANY PROFILE

Mangalam Metal Corporation is one of the leading Stockist, Suppliers & Exporters of High Nickel Alloy Products. Quality is our prime concern. We are able to maintain high quality standards through our committed Vision & Mission. We help customers develop their energy resources; bringing world class capability and delivering it locally. We are proactive organization Specialised in special & exotic material grade products that meet and exceed customers' specific requirements and thus ensure complete satisfaction.

We are capable of providing a vast range of materials like High Nickel Alloys, Special Nickel Alloys, Special stainless steel grades, Titanium & Titanium Alloys, Aluminium Alloys & Copper Alloys, Cobalt Alloys etc.

Why Us

We are a renowned name in this domain engaged in providing various types of High Nickel Alloys, SS, Special grade products. We have gained immense client's appreciation, Owing to our excellent product quality and transparent dealings. Specialties that make us a profitable business partner for our clients are:

Cost-effective rates • Customized solution • Customized packaging
• Customer focused approach • Easy payment modes • Good Financial Position & TQM • Superior quality products • Timely delivery schedule • Timely delivery of products • Experience and specialty in work

Our management style has been the key to our success as we delegates responsibility to the specific need of every customers and we have made every customer a member of our family.

Keeping efficient and friendly customer service as the top concern, provides ultimate flexibility in fulfilling each & every customer requirement irrespective of the size of order. Most of our clients are doing business with us since years, which indicates higher levels of customer satisfaction. We always welcome any queries or suggestions from our clients to improve the services and hence to serve them better.

QUALITY CERTIFICATIONS



Material Cross reference Nickel Alloys

UNS	Common Name	Werkstoff	Trade Name
N02200	Alloy 200	2.4066/2.4060	Nickel 200
N02201	Alloy 201	2.4066/2.4060	Nickel 201
N04400	Alloy 400	2.4360	MONEL [®] alloy 400
N05500	Alloy K500	2.4375	MONEL [®] alloy K500
N08800	Alloy 800	1.4876	INCOLOY [®] alloy 800
N08810	Alloy 800H	1.4876	INCOLOY [®] alloy 800H
N08811	Alloy 800HT	1.4876	INCOLOY [®] alloy 800HT [®]
N08825	Alloy 825	2.4858	INCOLOY [®] alloy 825
N06002	Alloy HX	2.4665	INCONEL [®] alloy HX
N07718	Alloy 718	2.4668	INCONEL [®] alloy 718
N10276	C276	2.4819	INCONEL [®] alloy C276
N06600	Alloy 600	2.4816	INCONEL [®] alloy 600
N06601	Alloy 601	2.4851	INCONEL [®] alloy 601
N06625	Alloy 625	2.4856	INCONEL [®] alloy 625
N06626	Alloy 625LCF	2.4856	INCONEL [®] alloy 625LCF
N06022	Alloy 622	2.4602	INCONEL [®] alloy 622
N06686	Alloy 686	2.4606	INCONEL [®] alloy 686
N07750	Alloy X750	2.4816	INCONEL [®] alloy X750
N06617	Alloy 617	2.4663	INCONEL [®] alloy 617
N07751	-	-	INCONEL [®] alloy 751
N06985	G30	2.4619	INCONEL [®] alloy G3
N06075	NIMONIC [®] alloy 75	2.4951	NIMONIC [®] alloy 75
N07080	NIMONIC [®] alloy 80A	2.4631	NIMONIC [®] alloy 80A
N07090	NIMONIC [®] alloy 90	2.4632	NIMONIC [®] alloy 90
N19903	Alloy 903	-	INCOLOY [®] alloy 903
N09925	Alloy 925	-	INCOLOY [®] alloy 925
-	-	1.4862	INCOLOY [®] alloy DS
N09945	Alloy 945	-	INCOLOY [®] alloy 945
S35045	Alloy 803	-	INCOLOY [®] alloy 803
N08126	25-6 Mo	1.4529	INCOLOY [®] alloy 25-6 Mo
-	27-7 Mo	-	INCOLOY [®] alloy 27-7 Mo
N06690	Alloy 690	-	INCONEL [®] alloy 690
N06693	Alloy 693	-	INCONEL [®] alloy 693

Copper Nickel Alloys

C70600	CuNi 90/10	2.0872
C71500	CuNi 70/30	2.0882

SPECIALIST IN
HIGH NICKEL ALLOY &
STAINLESS STEEL
FLANGES



FLANGES

We are engaged in stocking & exporting a wide range of Flanges that are available in various sizes for different applications in petrochemicals, refineries, chemical industry, water works, engineering & construction works. Owing to its high quality, optimum performance, less maintenance, our range of flanges are appreciated by our clients and are available in various material configurations like High Nickel Alloys, Duplex, Super Duplex, Stainless Steel, Carbon Steel, Alloy Steel and Copper Alloys. Based on the sizes, dimensions, shapes and length of these flanges, we can customize the products for our respected clients and in following material of construction.

- Nickel Alloy
- Stainless Steel
- Duplex Steel / Super Duplex



Inconel Alloys	: ASTM B564 Alloy 600, Alloy 601, Alloy 625, Alloy 718, Alloy 725.
Monel Alloys	: ASTM B564 Monel 400, Monel K500.
Incoloy Alloys	: ASTM B564 Alloy 20, Alloy A286 Alloy 800H/800HT, Alloy 825,
Hastelloy Alloy	: ASTM B564 Hastelloy B2, C276, C22
Duplex & Super Duplex	: UNS S31803, UNS S32750, UNS S32760,
Stainless Steel	: ASTM A182, F304,304L,304H,316, 316L,317,317L,321,310,347,904L
Size	: 1/2" NB TO 72" NB
Class	: 150#, 300#, 600#, 900#, 1500# & 2500#

TYPE

- PLATE BLANK FLANGE
- LAP JOINT FLANGE
- WELDNECK FLANGE
- ORIFACE FLANGE
- LONG WELD NECK FLANGE
- SCREWED FLANGE
- SOCKETWELD FLANGE
- BLIND FLANGE
- RTJ FLANGE
- THREADED FLANGE



SPECIALIST IN
HIGH NICKEL ALLOY &
STAINLESS STEEL
BUTTWELD FITTINGS



BUTTWELD FITTINGS

We are engaged in manufacturing and exporting wide range of Butt Weld Fitting that is available in varied types & grades sourced from reliable vendors, these fittings are highly acknowledged for their high tensile strength, durability and accurate alloy composition. These find application in several industries such as Oil & Gas, Automobile, Acid & Chemical, Pharmaceutical and Cement industries. We are known for our butt weld fittings.



Inconel Alloys	: ASTM B366 Alloy 600, Alloy 601, Alloy 625, Alloy 718, Alloy 725.
Monel Alloys	: ASTM B366 Monel 400, Monel K500.
Incoloy Alloys	: ASTM B366 Alloy 20, Alloy A286 Alloy 800H/800HT, Alloy 825, Alloy A286
Hastelloy Alloy	: ASTM B366 Hastelloy B2, C276, C22
Duplex & Super Duplex	: UNS S31803, UNS S32750, UNS S32760,
Stainless Steel	: ASTM A403, WP304,304L,304H,316, 316L,317,317L,321,310,347,904L
Copper / Cupro Nickel	: 90/10 (UNS C70600), 70/30 (UNS C71500)
Size	: 1/4" NB TO 14" NB (seamless) 4" NB TO 24" NB (welded)
Wall Thickness	: Sch. 5s To Sch. XXS

TYPE

- TEE (EQUAL /UNEQUAL)
- REDUCING TEE
- SHORT STUB BEND
- RETURN BENDS
- ELBOW (1D/1.5D/3D/5D)
- LONG STUB BEND
- REDUCER (CONCENTRIC/ECCENTRIC)



SPECIALIST IN
HIGH NICKEL ALLOY &
STAINLESS STEEL
ROUND BAR &
STRUCTURAL STEEL



ROUND BAR

We are offering our clients a wide range of Round Bars that are available in varied grades of stainless steel, Duplex / Super duplex, Nickel Alloys, Copper & Brass etc. our round bars have great utility as machinery equipment in various industries and for diverse architectural purposes. These round bars feature superior polish, excellent finish, sturdy construction and high tolerance level

● Nickel Alloy ● Stainless Steel ● Duplex Steel / Super Duplex ● copper ● Brass



Inconel Alloys	: Inconel Alloy 600, Inconel Alloy 601, Inconel Alloy 625, Inconel Alloy 718, Inconel Alloy 725, Inconel Alloy X750
Monel Alloys	: Monel 400, Monel R405, Monel K500.
Incoloy Alloys	: Incoloy Alloy 20, Incoloy Alloy 800, Incoloy Alloy, 800H/800HT, Incoloy Alloy 825, Incoloy Alloy 925, Incoloy Alloy A286
Hastelloy Alloy	: Hastelloy C4, Hastelloy B2, Hastelloy G30, Hastelloy B3, Hastelloy C276, Hastelloy X, Hastelloy C22
Duplex & Super Duplex	: UNS S31803, UNS S32750, UNS S32760, UNS S32550, 254SMO
Stainless Steels	: 347, 310, 303, 304/304H, 316/316L, 317/317L, 17/4PH, 410, 431, Nitronic 50, Nitronic 60, Nimonic 80A
Type	: Round / Square / Hexagonal / Rectangular

STRUCTURAL STEEL

We specialize in stainless steel equal & unequal angles, stainless steel cold drawn flats, stainless steel hot rolled flats, stainless steel polished & hairline angles & flats, stainless steel tapered & non tapered channels, stainless steel I Beams and stainless steel Tee Bars in various size range. We offer stainless steel products in various grades.

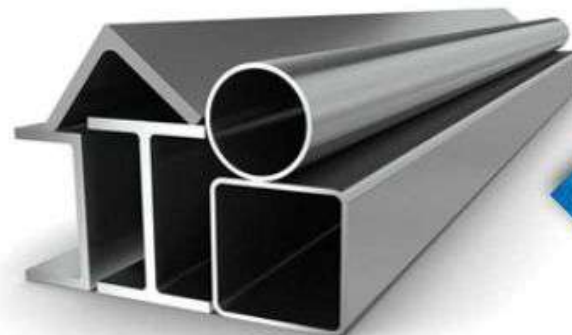
Our Grades

ASTM:

304, 304L, 304H, 310, 316, 316L, 316Ti, 321,

DIN:

1.4301, 1.4307, 1.4306, 1.4841, 1.4845, 1.4401, 1.4404, 1.4541, 1.4571, 17 4PH



SPECIALIST IN
HIGH NICKEL ALLOY &
STAINLESS STEEL
FASTENERS



FASTENERS

We hold expertise in offering fasteners, such as nuts, bolts, washers, anchor fasteners, stud bolts, Threaded Rod to our clients. These are manufactured utilizing high grade, such as Stainless Steel, Carbon steel, Duplex steel, Monel, Inconel, Hastelloy, Titanium and Nickel alloy, which Alloy steel assure their high tensile strength and corrosion resistance. Our range finds applications in numerous industries and is offered in sizes ranging from M4 To M100, length up to 5 meters as per the client's requirement.

SALIENT FEATURES :

- Severe vibration under impulse pressure
- Static Pressure
- High Tolerance
- Dimensional preciseness
- Corrosion Resistance
- Perfect Installation & application
- Long service life
- Study Construction
- Fast Performance



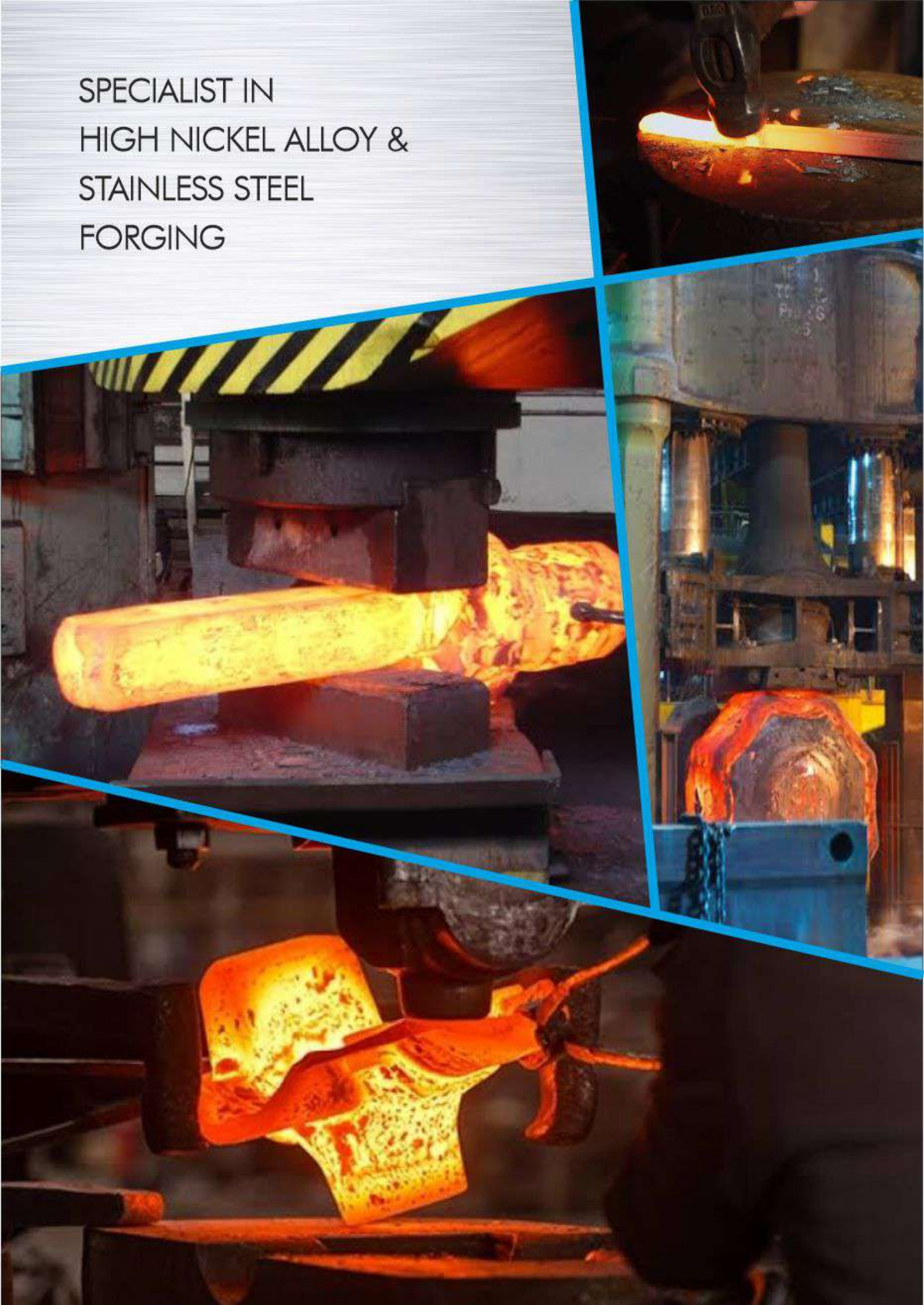
Inconel Alloys	: Inconel Alloy 600, Inconel Alloy 601, Inconel Alloy 625, Inconel Alloy 718, Inconel Alloy 725, Inconel Alloy X750
Monel Alloys	: Monel 400, Monel R405, Monel K500.
Incoloy Alloys	: Incoloy Alloy 20, Incoloy Alloy 800, Incoloy Alloy 800H/800HT, Incoloy Alloy 825, Incoloy Alloy 925, Incoloy Alloy A286
Hastelloy Alloy	: Hastelloy C4, Hastelloy B2, Hastelloy G30, Hastelloy B3, Hastelloy C276, Hastelloy X, Hastelloy C22
Duplex & Super Duplex	: UNS S31803, UNS S32750, UNS S32760, UNS S32550.
Stainless Steels	: 347, 310, 303, 304/304H, 316/316L, 317/317L, 17/4PH, 410, 431, Nitronic 50, Nitronic 60, Nimonic 80A

TYPES

- ANCHOR FASTENERS
- HEX HEAD BOLTS
- SOCKET CAPS SCREW
- HEX NUTS
- EYE BOLTS
- STUD BOLTS
- THREADED RODS
- COUNTERSUNK BOLTS
- FLAT / SPRING / LOCK WASHERS
- FOUNDATION BOLTS



SPECIALIST IN
HIGH NICKEL ALLOY &
STAINLESS STEEL
FORGING



SPECIAL FORGING PRODUCTS

NIPO FLANGES



Y PIECES



**SPECTACLE BLINDS
SPACER&SPADE**



ANCHOR FLANGES



COMPACT FLANGES



LONG WELDING NECK



NOZZLES



SHAFT



FORGE RINGS



FORGINGS

Our company is a manufacturer and supplier of open and closed die forgings Nickel Alloy and stainless steel forgings which can be supplied in As Forged + Heat Treated + Machined and Fully assembled condition as per the customer's requirement, we can also provide customize products as per drawings.

High Nickel : Monel, Nickel, Inconel, Hastelloy,
Titanium

Stainless Steel : ASTM A182, F304, 304L, 304H,
316, 316L, 317, 317L, 321,
310, 347, 904L



SPECIALIST IN
HIGH NICKEL ALLOY &
STAINLESS STEEL
FORGED FITTINGS &
GASKETS



FORGED FITTINGS

We offer to our clients specially designed forged pipe fittings. We also undertake new projects as per the drawings and specifications of the client for forged fittings. The product is delivered in a short time frame. We offer special forged pipes fittings in different metals which find application in various industries. We can offer forged fittings in following materials of construction :-

- Nickel Alloy & Copper Nickel Alloy
- Stainless Steel & Duplex Steel



Nickel Alloys	: Inconel, Monel, Incoloy, Hastelloy, Nickel,
Stainless Steel	: ASTM A182, F304,304L,304H,316, 316L,317,317L,321,310,347,904L
Copper / Cupro Nickel	: 90/10 (UNS C70600), 70/30 (UNS C71500)
Size	: 1/4" NB TO 4" NB
Class	: 3000#, 6000#, 9000#

TYPES

Elbow, Tee, Union, Cross, Coup Bushing, Plug, Swage Nipple, Welding Boss, Hexagon Nipple, Barrel Nipple, Welding Nipple, Parralar Nipple, Street Elbow, Hexagon Nut, Hose Nipple, Bend, Adapter, Insert, Weldolet, Elbowlet, Sockolet, Thredolet, Nipolet, Letrolet, etc.

GASKETS

METALLIC

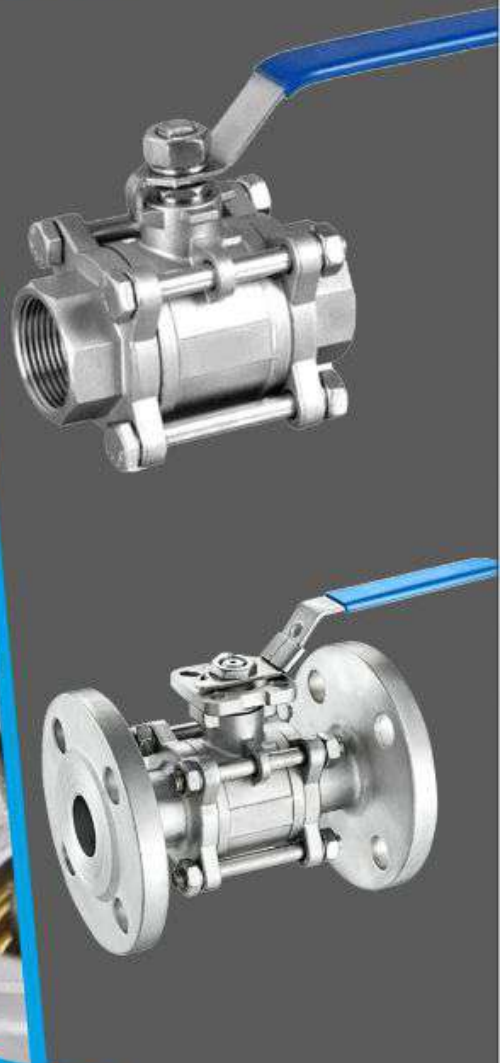
- Ring Joints Gaskets
- R-Type Ring Joints Gaskets
- RX Type Ring Joints Gaskets
- BX Type Ring Joints Gaskets
- SRX & SBX Type Ring Joints Gaskets



SEMI-METALLIC GASKETS

- Spiral Wound Gaskets
- Metal Jacketed Gaskets
- Corrugated Metal Gaskets
- Camprofile (Grooved) Gaskets
- PTFE Gaskets

SPECIALIST IN
HIGH NICKEL ALLOY &
STAINLESS STEEL
INSTRUMENTATION FITTINGS &
VALVES



INSTRUMENTATION FITTINGS & VALVES

We are engaged in stocking & supplying of Tube fittings & instrumentation valves & fittings as per International & National standard & customer specifications

Our team of experts and process system makes sure that the right product is supplied to customer on time with proper documentation and traceability



Inconel Alloys	: ASTM B564 Alloy 600, Alloy 601, Alloy 625, Alloy 718, Alloy 725,
Monel Alloys	: ASTM B564 Monel 400, Monel K500.
Incoloy Alloys	: ASTM B564 Alloy 20, Alloy A286 Alloy 800H/800HT, Alloy 825,
Hastelloy Alloy	: ASTM B564 Hastelloy B2, C276, C22
Duplex	: A182 F51, F60, UNS s31803, UNS S2205
Super Duplex	: A 182 F44, F53, F55, SMO 254 UNS S31254, UNS S32750, UNS S32760
Stainless Steel	: A 182 304, 304L, 304H, 316, 316L, 316H, 316 Ti, 321, 347, 347H, 904L
Non-Ferrous	: copper, Brass
Size	: 1/16" TO 2" & above 6mm OD to 50mm OD & above

TYPE

Tube Fittings	: Port connectors tube to flare 37 degree, Tube to female pipe thread
Weld fitting	: Female elbow, male connector male elbow, pipe union, tube union, reducing adaptor, union cross, union elbow, union tee
Instrumentation Valve	: Ball valve, Check valve, Double block n bleed valve, Gauge valve, Manifold valve, Needle valve, Plug valve, Pressure relief valve.
Instrumentation Accessories	: Condensate pot, Syphon, Gauge snubber Air header



SPECIALIST IN
HIGH NICKEL ALLOY &
STAINLESS STEEL
SHEET / PLATES / COILS &
PIPES / TUBES



SHEET / PLATES / COILS

ASTM / ASME SB 162 UNS 2200 (NICKEL 200)
 ASTM / ASME SB 162 UNS 2201 (NICKEL 201)
 ASTM / ASME SB 127 UNS 4400 (MONEL 400)
 ASTM / ASME SB 463 UNS 8020 (ALLOY20 / 20 CB 3)
 ASTM / ASME SB 424 UNS 8825 (INCONEL 825)
 ASTM / ASME SB 168 UNS 6600 (INCONEL 600)
 ASTM / ASME SB 409 UNS 8810/8811 (INCONEL 800/800HT)
 ASTM / ASME SB 443 UNS 6625 (INCONEL 625)
 ASTM / ASME SB 575 UNS 10276 (HASTELLOY C276)

Duplex : UNS S31803, UNS S2205

Super Duplex : UNS S31254, UNS S32750, UNS S32760

Stainless Steel : Plates as per ASTM A240, Gr. TP 304, 304L, 304LN, 309, 309S, 309H, 310H, 310H, 316, 316L, 316H, 316LN, 316TI, 317, 317L, 321, 321H, 347, 347H, 409, 410, 420, 430 etc.

Copper / Cupro Nickel : 90/10 (UNS C70600),
 70/30 (UNS C71500)

Range : 0.5 mm To 200 mm thick in 1000 mm To 3000 mm width & 2500 mm To 12500 mm length available with NACE MR 01-75



We are also specialized in supplying of various types of perforated sheets & Wire mesh in wide variety of Designs and material specifications

- Inconel
- Monel
- Hastelloy
- Phosphorous Bronze
- Stainless Steel



Perforated Sheet



Wire Mesh

PIPES / TUBES

ASTM / ASME SB 161/B725/B730 UNS 2200 (NICKEL 200)
 ASTM / ASME SB 161/B725/B730 UNS 2201 (NICKEL 201)
 ASTM / ASME SB 165/B725/B730 UNS 4400 (MONEL 400)
 ASTM / ASME SB 729/B464/B468 UNS 8020 (ALLOY20 / 20 CB 3)
 ASTM / ASME SB 423/B705/B704 UNS 8825 (INCONEL 825)
 ASTM / ASME SB 167/B517/B516 UNS 6600 (INCONEL 600)
 ASTM / ASME SB 407/B514/B515 UNS 8810/8811 (INCONEL 800/HT)
 ASTM / ASME SB 444/B705/B704 UNS 6625 (INCONEL 625)
 ASTM / ASME SB 622/B619/B622 UNS 10276 (HASTELLOY C276)

Duplex / Super Duplex : SA 790 UNS No S31803, S32205
 S32750, S32760

Stainless Steel :

ASTM / ASME SA 321 GR. TP 304, 304L, 304H, 309S, 309H, 310S, 310H, 316, 316TI, 316H, 316LN, 317, 317L, 321, 321H, 347, 347H, 904L.
 ASTM / ASME SA 358 CL 1 & CL 3 Gr. 304, 304L, 304H, 309S, 309, 310S, 310H, 316, 316TI, 316H, 321, 321H, 347, 347H.

Copper / Cupro Nickel : 90/10 (UNS C70600), 70/30 (UNS C71500)



We have excellent sourcing network across the Globe so that we can source and supply any hard to find material at your doorstep.



INCONEL 600 INCONEL 601 INCONEL 625 INCONEL 800H
ALLOY 20 MONEL 400 NICKEL 200 NICKEL 201
MONEL K 500 INCONEL 825 HASTELLOY C-276
ALLOY 904L INCONEL 800 HT SMO 254 TITANIUM



MANGALAM METAL

CORPORATION

AN ISO 9001 : 2015 CERTIFIED COMPANY

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Kalamboli, District raigad - 410218, Maharashtra

Warehouse II : E-65, GIDC, Phase II, Bol Village,
Road No. 32, Sanand, Gujarat - 382170

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