

# ***amf*** ***metals***

**API METALS AND FORGE**



- **Flanges**
- **Forgings**
- **CNC Machined Components**
- **Pipe Fittings**
- **Forged bar**
- **Valve Components**



**ISO 9001:2015  
CERTIFIED COMPANY**

[www.apimetals.com](http://www.apimetals.com)





**“Aspiring Growth Through Technological Advancement.”**





## Company profile



**API METALS & FORGE (AMF) is fast growing Forging Flanges, Fittings, Open Forged Components and CNC Machined Components manufacturing Company. The perfect blend of deep domain knowledge, technology experience and quality Material has enabled us to become leader in Flanges, Forgings and Metals industry.**

**The Company has set up state of art Manufacturing plant in Ambernath, MIDC located near to Mumbai, In India. For meeting the requirements of its customers globally.**

**AMF always believes in satisfying its customers by providing quality products, meeting growing demand of our customers globally, timely and continuous improvements in the products to meet the quality expectations of the international market.**

**We have supplied materials globally to Middle East, Europe & Africa.**

**The plant infrastructure comprises of highly efficient Forging and Machining Facilities with high level of quality aspects. It covers all the business process like Sales, Design & Development, Procurement, Planning, Manufacturing, Quality, Store, Dispatch, HR and Finance.**

**Company always takes interest for up-gradation of technology, Infrastructure and continuous improvement of its manufacturing process to achieve quality products, Cost effective Products to Cater the Customer requirement from Diverse Sectors Namely: Oil & Gas, Chemical & Petrochemical, Valve industry, Power, Fertilizers, Fabrications and Marine industries etc.**

**AMF also follow the safety, health and environment policies as per national & international norms. AMF believes in ethical business practices and in achieving the company goals by Providing appropriate training and development to enhance the skills of its employees.**



## MANUFACTURING FACILITIES

**amf**  
*metals*



**1. Raw Material Bars**



**2. Cutting**



**3. Forging**



**4. CNC Machining**



**5. Marking**



**6. Testing & Inspection**





**Bandsaw Cutting Machine**



**CNC & VMC Machine**



**Radial Drill/ Chamfer Machine**



**Marking Machine**



**PMI Inspection**



**Inspection**



## Product Grades



<b>Stainless Steel :</b>	SS316/316L,SS304/304L,SS321,SS316Ti,6Mo, F54(UNS S31254)
<b>Duplex Steel/ Super Duplex :</b>	F51,F53,F55,F60
<b>Nickel Alloy :</b>	Alloy 625 (UNS N06625),Alloy 825 (UNS N08825) Monel-400(UNS N04400)
<b>Titanium Forgings :</b>	B381 : F2,F1
<b>DIN / EN :</b>	1.4404, 1.4401, 1.4541, 1.4571,1.4306, 1.4307, 1.4301,1.0460, 1.4462
<b>Carbon Steel :</b>	A105/SA266,C22/C22.8
<b>Low Temp Steel :</b>	SA 350 LF2

## Flange Types



**Welding Neck**



**Slip On**



**Socket Weld**



**Lap Joint**



**Threaded**



**Blind**



# Flanges



Dimensional Specifications: ASME / ANSI, DIN, EN, API, MSSP

Flanges Size Range Flanges-1/2” to 24”, Stubends-0.5” to 12” & Fittings-1/4” to 4”

Specification	Item Description	Size Range	Pressure Class
ASME B16.5	Slip on flange, Welding neck flange, Blind flange, Threaded flange, Lap joint flange, RTJ flange	½” to 24”	150, 300, 400, 600, 900, 1500, 2500
ASME B 16.36	(Orifice Flanges) Welding neck flange Slip on flange, Threaded flange	1” to 12”	300, 400, 600, 900, 1500, 2500
API 6A	Socket Weld Flange/ Blind Flange/ Slip On Flange/ Weld Neck Flange/ Threaded Flange	1” to 12”	150, 300, 400, 600, 900, 1500, 2500
DIN Flanges	DIN 2527, DIN 2566, DIN 2573, DIN 2576, DIN 2641, DIN 2642, DIN 2655, DIN 2656, DIN 2627, DIN 2628, DIN 2629, DIN 2631, DIN 2632, DIN 2633, DIN 2634, DIN 2635, DIN 2636, DIN 2637, DIN 2638, DIN 2673	15 DN to 300 DN	PN 6 to PN 100
Pr EN 1092 – 1 Flanges	Plate Flange (01), Loose Plate Flange (02,04), Blind Flange (05) Welding Neck Flange (11) Hubbed Slip On Flange (12), Screwed Flange (13), Integral Flange (21)	15 to 300 DN	PN 2.5 to PN 100



STUBENDS AND FORGED FITTINGS

Specification	Item Description	Size Range	Pressure Class
ASME/ANSI B 16.9 MSS SP-4	STUB END - TYPE A, B, C	0.5" to 12"	Schedule - S10/S40/S80
ANSI B16.11	Forged Fittings-Threaded and Socket Welded, Solid	1/4" to 4"	2M, 3M, 6M & 9M

FITTING TYPES



Socket Weld Cross



Socket Weld Elbow



Threaded Elbow



Threaded Cross



Socket Weld Union



Socket Weld Tee



Threaded Tee



Threaded Union



## INSTRUMENTATION FORGINGS

**Valves Bleed**

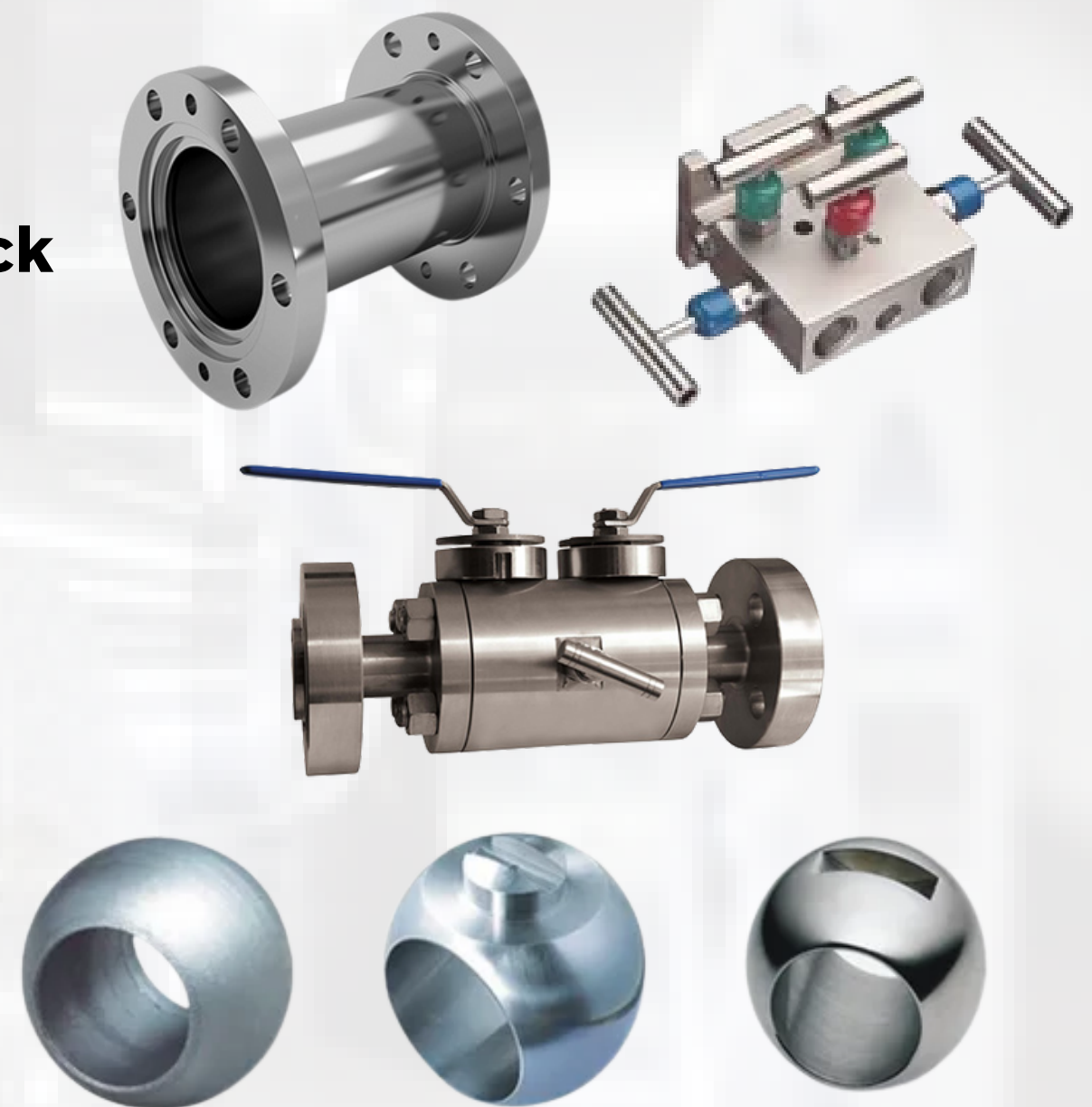
**Globe Valves, Double Block & Valves, Compression Fittings**

**Manifolds**

**2,3 & 5 Way Valves "T & H" Type Manifolds**

**Materials**

**F316/316L, F304/304L, Nickel Alloy**



## FORGED RINGS AND FLUSHING RINGS



**Size**

**Upto 300 mm**

**Weight**

**Upto 400 kgs**

**Materials**

**Stainless, Duplex, Alloy & Carbon Steel**

## THERMOWELL FORGINGS

**Single piece forged thermowell body**

**Types**

**Vanstone , Bar Stock , Welded , Socket weld and Threaded**

**Size:**

**1", 1-1/2", 2" and as per customer drawings**

**Materials**

**Stainless Steel, Duplex Steel, Super Duplex Steel, Alloy & Carbon Steel**



## FORGED FITTINGS, FORGED SQUARE BARS & CNC MACHINED COMPONENTS

Items	<b>Socket weld Fittings(Elbow,Tee,Cross,Full Coupling, Half Coupling, Head Plug,Union,Nipples)</b> <b>Threaded Fittings (Elbow,Tee,Cross,Full Coupling, Half Coupling, Reduced Coupling, Union)</b> <b>Stub Ends Type-A,B,C, Collars, Plugs, Threaded Nuts, Forged Sqaure bars</b>
Size	<b>As per customer Drawings Tolerances Specifications (B16.11,B16.9)</b>
Materials	<b>Stainless Steel, Duplex, Super Duplex Steel, Alloy &amp; Carbon Steel</b>



## VALVE COMPONENTS



**Valves Bleed**

**Manifolds**

**Materials**

**Material**

**As per customer Drawing**

**Up to 60 Kgs Close  
Die single piece**

**Double Flanged Bodies,  
Venturies, Kegels**

**Carbon, Stainless, Duplex &  
Alloy Steel.**



# **amf metals**



## **ADDRESS**

**Plot No-B-85/4, Ambernath Additional MIDC,  
Anand Nagar, Nr. ASB Company, Ambernath,  
Thane, Maharashtra, India - 421506.**

**Email : [info@apimetals.com](mailto:info@apimetals.com)**

**Contact : +91-7710832714/ 7415207191**

**[www.apimetals.com](http://www.apimetals.com)**