

# PRODUCT CATALOG



# DHANVIR METAL SYNDICATE



Supplier and stockiest of all type of.  
Ferrous and non-ferrous material.

→ **Stainless steel**

Sheets & plates, pipe & fittings,  
Flanges, rods ....etc.

→ **Alloy Steel**

Coil, Pipes, Rods, pipe & fittings,  
Etc.

→ **Other Metal**

High Nickle Alloy, Aluminum , Copper,  
Brass, Percentage....etc.

Quality, You Can See."

## MISSION

TO BE THE ONLY CHOICE, PROVIDING ALL CLIENTS WITH THE HIGHEST LEVEL OF QUALITY AND OFFERING AN EXCELLENT SERVICE ORIENTATED APPROACH WITH A COMPREHENSIVE GUARANTEE OF SATISFACTION. TO BUILD RELATIONSHIPS WITH OUR CLIENTS BY GAINING A THOROUGH UNDERSTANDING OF THEIR BUSINESS IN ASSESSING THEIR CURRENT AND FORECASTING THEIR FUTURE REQUIREMENTS, THEREBY SHARING THEIR VISION AND ASSISTING BY DEVELOPING AND REALIZING THE VISION WITH THEM. WE RATE INTEGRITY FIRST ON OUR LIST OF STRENGTHS.

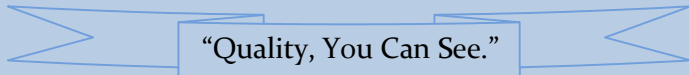
## VISION

TO BE THE MOST RELIABLE AND EFFICIENT SUPPLIER OFFERING A BROAD SPECTRUM OF RELATED SERVICES AND PRODUCTS, COMMITTED TO SERVICE ,EXCELLENCE, QUALITY AND RENOWNED FOR OUR INTEGRITY AND ABILITY TO DELIVER.

## APPROACH

WE OFFER A FULLY INTEGRATED SERVICE FROM A FULLY COMMITTED AND EQUIPPED TEAM, CAPABLE OF MEETING EVERY RELATED NEED. REGARDLESS OF YOUR REQUIREMENT, OUR APPROACH REMAINS THE SAME. OUR FIRST PRIORITY IS TO GAIN A THOROUGH UNDERSTANDING OF THE REQUIREMENTS OF YOURS AND THEN EFFICIENTLY DEALING WITH EACH TASK AS THEY PRESENT THEMSELVES.

**"WE GUARANTEE YOU, IT WILL BE OUR SUPERIOR SERVICE AND QUALITY LEVELS THAT YOU WILL ENJOY THE MOST"**



**"Quality, You Can See."**

# PRODUCTS

## DEALS IN STAINLESS STEEL, CARBON STEEL AND ALLOY STEEL.

### PIPES AND TUBES:

**Stainless Steel:** ASTM A 312, A 213, A 249, A 269, A 358, A 240.

**Grade:** 202, 304, 304L, 304H, 316, 316L, 316Ti, 321, 321H, 317, 317L, 310, 310S, 409, 410, 420, 430 etc. .

**Carbon Steel:** ASTM A 106, A 53, API A 5L Gr A, B, C, ASTM A 333, Gr 1 to 6 (IBR & NON IBR)

**Alloy Steel:** ASTM A 335, GR P1, P2, P5, P9, P11, P22, P91.

**Nickel Alloys:** Hastelloy, 904, Titanium etc.

**Types:** Round, Square Rectangular.

**Size :** Seamless Up to 20" NB.

Welded: 1/2" NB to 24" NB.

### FLANGES:

**Stainless Steel:** ASTM A 182, ASTM A 240, ASTM A 182 F304, F304L, 304H, 316, 316L, 316H, 316Ti, 321, 309, 310, 347, 904L, etc.

**Carbon Steel:** ASTM A 105, ASTM A 181.

**Alloy Steel:** ASTM A 182, GR F1, F11, F22, F5, F9, F91.

**Nickel Alloys:** Monel 400 & 500, Inconel 600 & 625, Incoloy 800, 825, Hastelloy 904.

**Types:** Weld neck, Slip-on, Blind, Socket Weld, Lap Joint, Loose, Screwed, Spectacles Blind, Ring joint, Orifice, Long Weld neck, Deck Flange, Threaded etc.

**Flange Facing:** Raised Face, Flat Face, Small & Large Male-Female, Small & Large Tongue & Groove, Ring Joint.

**Dimension:** ANSI B 16.5, DIN Standard, JIS Standard, BS 10 etc.

**Standard:** 150#, 300#, 600#, 900#, 1500#,2500#,3000#, 5000# & 10000#, Table D, E, F, H, ND6, ND25, ND16, ND40, ND64, ND100, etc.



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## SHEETS PLATES & COILS:

**Stainless Steel:** ASTM A 240, SA 240, AISI.

**Grade:** 304, 304L, 304H, 310, 310S, 316, 316L, 316Ti, 317, 317L, 321, 321H.

**Carbon Steel:** ASTM A 515, A 516 Grade: 60, 70 B 2062.

**Alloy Steel:** ASTM A 387, Class: I/II, Grade: 11, 22, 5, 9, 12, 1.

**Nickel Alloys:** B162, B127, B463, B576, B168, B443.

**Size (in mm):** 1000 x 2000, 1220 x 2440, (4' x 8'), 1250 x 2500, 1500 x 3000 To 6000, 2000 x 4000 To 6000.

**Thickness:** 0.3 mm to 120 mm.



## BUTTWELD FITTINGS:

**Stainless Steel:** A-403 B/W ANSI B16.9.

**Grade:** WPS/WPW 304, 304L, 304H, 316, 316L, 316Ti, 310, 310S, 321, 321H, 317, 347.

**Carbon Steel:** ASTM A 234 WPB.

**Type:** WPB/WPBW, (IBR/Non IBR).

**Alloy Steel:** ASTM A 234, Gr. WP1, WP11, WP22, WP5, WP9, WP91, (IBR/Non IBR).

**Nickel Alloys:** Monel 400 & 500, Inconel 600 & 625, Incoloy 800, 825, Hastelloy 904Nickel, Cupro Nickel, Titanium, Duplex, Super Duplex, etc.

**Types:** 45° , 90° & 180° Elbow & equal Tee & Un Equal Tee, Short & Long Neck Stub end Concentric & Eccentric Reducers, Pipe End Caps, Cross etc.

**Size:** 1/4"NB-24" NB (seamless).  
1/4"Nb-48" NB (ERW).

**Wall thickness:** sch. 5s to sch.xxs.

**Dimension:** ANSI B16.9, MSS SP-43.



## FORGED FITTING:

**Stainless Steel:** ASTM A 182.

**Grade:** F 304, 304L, 304H, 316, 316L, 316Ti, 310, 310S, 321, 321H, 317, 347, 347.

**Carbon steel:** ASTM A 105, A187, (IBR & NON IBR).



**Alloy Steel:** ASTM A 182, Grade F1, F11, F22, F5, F9, F91 (IBR & NON IBR).

**Nickel Alloys:** Monel 400 & 500, Inconel 600 & 625, Incoloy 800, 825, Hastelloy 904.

**Type:** 45° & 90° Elbow, Equal Tee & Un Equal Tee, Concentric & Eccentric Reducers, Union, Cross, Coupling, Cap, Bushing, Plug, Swage Nipple, hex Nipple, Welding Boss, Hexagon Nipple, Barrel Nipple, Welding Nipple, Parallel Nipple, Street Elbow, Hexagon Nut, Hose Nipple, Bend, Adapter, Insert, Weldolet, Elbowlet, Sockolet, Thredolet, Nipolet, Letrolet, etc.

**Size:** 1/8" NB TO 4" NB (Socket Weld & Threaded).

**Class:** 1500#, 300#, 6000# & 9000#.

## **BARS:**

**Stainless Steel:** ASTM A 409, A 182, A276.

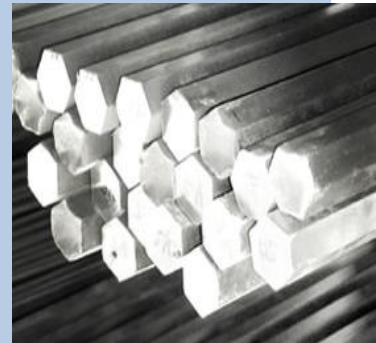
**Grade:** 304, 304L, 304H, 316, 316L, 316Ti, 321, 321H, 317, 317L, 310, 310S.

**Carbon Steel:** A105, ISO 2062.

**Alloy Steel:** A182, Gr. F1, F2, F11, F22, F5, F9, F91.

**Nickel Alloys:** B162, B127, B463, B576, B168, B443.

**Size:** 2 mm to 500 mm.



## **OLETS & SWAGE NIPPLE:**

**Stainless Steel:** ASTM / ASME SA 182 F 304 , 304L , 304H, 309H, 310H , 316 , 316H , 316L , 316 LN , 317 , 317L , 321 , 321H , 347 , 347 H.

**Carbon steel:** ASTM / ASME A 105 & ASTM / ASME A 350 LF2



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## **ALUMINIUM ANGLES**



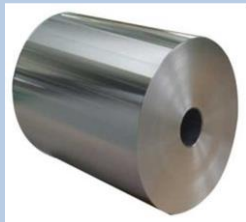
WE ARE ENGAGED IN THE SUPPLYING OF A WIDE RANGE OF ALUMINIUM ANGLES, WHICH IS EXTENSIVELY USED FOR MOUNTING PANELS, TABLE TOPS, SWITCHES, AND ASSEMBLY OF JIGS , ETC. OUR ALUMINIUM ANGLES ARE DULY TESTED ON QUALITY BY GOVT. APPROVED LABORATORY BEFORE THE FINAL DISPATCH AT THE CLIENTS BASE.

## **ALUMINIUM SHEET**



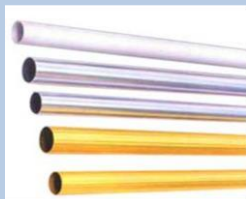
WE PROVIDE THE CLIENTS WITH BEST QUALITY THAT IS FABRICATED IN COMPLIANCE WITH SET IND. STANDARDS. THESE AL. SHEETS ARE DESIGNED IN VARIOUS SIZES AND GRADES TO SUIT THE VARIED REQUIREMENTS OF THE CLIENTS SPREAD ACROSS THE NATION. THESE ARE MADE AVAILABLE AT COMPETITIVE PRICES.

## **ALUMINIUM COILS**



WE ARE A WELL-KNOWN SUPPLIER OF AL. COILS THAT HAS GAINED WIDE APPRECIATION AMONG THE CLIENTS DUE TO THEIR INTERNATIONAL QUALITY STANDARDS. AL. COILS ARE IDEALLY USED FOR IND. AND RESIDENTIAL CONSTRUCTION FOR WALL CLADDING AND ROOFING PURPOSES.

## **ALUMINIUM PIPES**



WE ARE A PRIME SUPPLIER OF AL. PIPES THAT ARE SOURCED FROM TRUSTED MANUFACTURERS THUS ENSURING THEIR HIGH QUALITY AND DURABILITY. OUR WIDE ARRAY OF AL. PIPES IS WIDELY DEMANDED IN VARIOUS INDUSTRIES AND CAN BE AVAILED IN DIFFERENT GRADES AND DIMENSIONS. MOREOVER, WE OFFER THESE PIPES AT MARKET LEADING PRICES.



## **ALUMINIUM FLATS**

WE ARE A WELL-KNOWN SUPPLIER OF AL. FLATS THAT ARE ACKNOWLEDGED FOR THEIR QUALITATIVE FEATURES AMONG THE BUYERS AND ARE WIDELY USED AS STRUCTURAL MATERIAL IN DIFFERENT INDUSTRIES. BEING A CLIENT CENTRIC ORGANIZATION, WE OFFER THESE AL. FLATS IN DIFFERENT SPECIFICATIONS IN ORDER TO ATTAIN COMPLETE CUSTOMER SATISFACTION. THE REASONABLE PRICING OF THESE AL. FLATS FURTHER ADD TO CLIENTS SATISFACTION.



## **ALUMINIUM SQUARES**

AL. SQUARES OFFERED BY US, IS WIDELY DEMANDED IN VARIOUS INDUSTRIES FOR MANUFACTURING DIFFERENT PRODUCTS. OUR RANGE OF AL. SQUARES IS MADE FROM QUALITY TESTED ALUMINUM ALLOY, CONFIRMING TO INTERNATIONAL STANDARDS. WE OFFER AL. SQUARES IN VARIED GRADES AND SIZES.



## **ALUMINIUM RODS**

AVAIL FROM US, THE QUALITY RANGE OF AL. RODS THAT IS KNOWN FOR HIGH QUALITY AND LONGER WORKING LIFE AMONG THE CLIENTS. AL. RODS OFFERED BY US ARE AVAILABLE IN VARIOUS GRADES TO SUIT THE SPECIFIC REQUIREMENTS OF OUR CLIENTS. WE OFFER AL. RODS AT MOST COMPETITIVE PRICES.

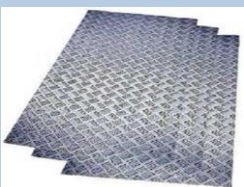
## **ALUMINIUM HEAT SINKS**



QUALITY HEAT SINKS.

WE BRING FORTH PROVEN RANGE OF AL. HEAT SINKS THAT ARE MADE FROM HIGH GRADE QUALITY ALUMINUM AND FINDS IN ENGINEERING IND.. THESE AL. HEAT SINKS PROVIDED BY US IN DIVERSE SPECIFICATIONS, IS TO FULFILL THE REQUIREMENTS OF THE CUSTOMERS. TODAY, WE HAVE CARVED A DISTINCT POSITION IN THE MARKET BY SUPPLYING SUPERIOR

## **ROLLED CHEQUERED SHEETS**



ROLLED CH. SHEETS THAT IS PROCURED FROM RELIABLE MANUFACTURERS. THESE ARE MANUFACTURED IN COMPLIANCE WITH SET IND. STANDARDS THAT ENSURE BETTER PERFORMANCE. OUR RANGE OF ROLLED CHEQUERED SHEETS CAN BE AVAILED IN DIFFERENT SIZES, GRADES AND DIMENSIONS AS PER THE REQUIREMENTS OF THE CLIENTS

# GRADES & TEMPER DESIGNATION

THE TEMPER DESIGNATION FOLLOWS THE CAST OR WROUGHT DESIGNATION NUMBER WITH A DASH, A LETTER, AND POTENTIALLY A ONE TO THREE DIGIT NUMBER.

-F

AS FABRICATED

-H

STRAIN HARDENED (COLD WORKED) WITH OR WITHOUT THERMAL TREATMENT

-O

FULL SOFT (ANNEALED)

-T

HEAT TREATED TO PRODUCE STABLE TEMPER

-T6

SOLUTION HEAT TREATED AND ARTIFICIALLY AGED

-W

SOLUTION HEAT TREATED ONLY.

## GRADE ALLOYS

THE INTERNATIONAL ALLOY DESIGNATION SYSTEM IS THE MOST WIDELY ACCEPTED NAMING SCHEME FOR GRADE EACH ALLOY IS GIVEN A FOUR-DIGIT NUMBER, WHERE THE FIRST DIGIT INDICATES THE MAJOR ALLOYING ELEMENTS.

1000 SERIES ARE ESSENTIALLY PURE AL. WITH A MINIMUM 99% AL. CONTENT BY WEIGHT AND CAN BE WORK HARDENED.

2000 SERIES ARE ALLOYED WITH COPPER, CAN BE PRECIPITATION HARDENED TO STRENGTHS COMPARABLE TO STEEL. FORMERLY REFERRED TO AS DURALUMIN, THEY WERE ONCE THE MOST COMMON AEROSPACE ALLOYS, BUT WERE SUSCEPTIBLE TO STRESS CORROSION CRACKING AND ARE INCREASINGLY REPLACED BY 7000 SERIES IN NEW DESIGNS.

3000 SERIES ARE ALLOYED WITH MANGANESE, AND CAN BE WORK HARDENED.

4000 SERIES ARE ALLOYED WITH SILICON. THEY ARE ALSO KNOWN AS SILUMIN.

5000 SERIES ARE ALLOYED WITH MAGNESIUM.

6000 SERIES ARE ALLOYED WITH MAGNESIUM AND SILICON, ARE EASY TO MACHINE, AND CAN BE PRECIPITATION HARDENED, BUT NOT TO THE HIGH STRENGTHS THAT 2000 AND 7000 CAN REACH.

7000 SERIES ARE ALLOYED WITH ZINC, AND CAN BE PRECIPITATION HARDENED TO THE HIGHEST STRENGTHS OF ANY ALUMINIUM ALLOY.

8000 SERIES IS A CATEGORY MAINLY USED FOR LITHIUM ALLOYS.



## **AEROSPACE ALLOYS**

THE FOLLOWING ALUMINIUM ALLOYS ARE COMMONLY USED IN AIRCRAFT AND OTHER AEROSPACE STRUCTURES:

7075 ALUMINIUM  
6061 ALUMINIUM  
6063 ALUMINIUM  
2024 ALUMINIUM  
5052 ALUMINIUM

THE FOLLOWING LIST OF ALUMINIUM ALLOYS ARE PRODUCED BUT LESS WIDELY USED:

2090 ,2124 ,2195 ,2219 ,2324 ,5059 ,6013 ,7050 ,7055 ,7150 ,7475.

## **MARINE ALLOYS**

THESE ALLOYS ARE USED FOR MARINE AND SALT-WATER SENSITIVE SHORE APPLICATIONS.

5052  
5059  
5083  
5086  
6061  
6063

## **CYCLING ALLOYS**

THESE ALLOYS ARE USED FOR CYCLING FRAMES AND COMPONENTS

2014  
6061  
6063  
7005  
7075

## CONTACT DETAILS

### ***DHANVIR METAL SYNDICATE***

#### PHYSICAL ADDRESS –

20-D, DOCTOR BUILDING SHOP NO 6 5<sup>TH</sup>  
KUMBHARWADA, MARUTI MANDIR MARG, MUMBAI  
400004. MAHARASHTRA (INDIA)

#### WORKSHOP ADDRESS –

HARIBHAKTI WADI LAKKD PITHA ROAD  
BARODA 390001

#### WORKSHOP ADDRESS –

PLOT No. 239 OPP HERO HONDA SHOWROOM  
NEAR GOL CANTEEN, GIDC UMBERGAO  
DIST. VALSAD 396171

TELEPHONIC NUMBER - 022 6651 8507

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