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REMAX FORGE AND FITTINGS

(AN ISO 9001: 2015 CERTIFIED CO.)



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Introduction



We take great pleasure in presenting ourselves as one of the leading stockiest cum Suppliers & Exporters for Stainless Steel, Carbon Steel & Alloy Steel Industrial Raw Material. Here we present, this catalogue in which we have tried to cover all the required technical specifications and product applications meant for Engineering, Petrochemicals, Power, Paper, Cement, Fertilizers and Textile Industries.

STAINLESS STEEL

FLANGES & PIPE FITTINGS, PIPES & TUBES, FLAT & ROUND BARS, SHEET, PLATE, CIRCLE, COIL & ANGLE IN QUALITIES OF 202, 304, 304L, 316, 316L, 316TI, 321, 310S, 904L & 410 ETC.

CARBON STEEL

PIPES & TUBES (ERW & SEAMLESS) IBR & NON-IBR

ALLOY STEEL

SEAMLESS PIPE IN ASTM A 335 GRADE: P1, P2, P5, P9, P11, P12 & P22 PLATE IN ASTM A 387 GRADE: P11, P12, & P22 CLASS 1 & 2.

NON-FERROUS METALS

COPPER, BRASS, ALUMINIUM, PHOSPHOR, BRONZE, MONEL, & INCONEL, METALS, TITANIUM, NICKEL, HASTELLOY, INGOTS, ZINC ETC. IN ALL SECTIONS.

You will be pleased to know that we are in this field for more than 30 years and have a vast experience in the field of Supplying these Material to Government, Semi-Government, Public and Multinational undertaking companies throughout the Country.

This catalogue has been designed to help Plant Engineers, Purchase Managers and Plant Designers in gathering all the required information, data and useful facts, which will make buying decision much easier for them.

We assure you our best services and quality materials at all times.

One Step
To Success





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STANDARD FLANGES



- Weld Neck, Slip On, Socket Weld, Blind, Long Weld Neck, Lap Joint, Spectacle Blind, Paddle & Spacer, Orifice Flange
- Class: 150#, 300#, 600#, 900#, 1500#, 2500#
- Material: Stainless Steel, Carbon Steel, Duplex Steel, Alloy Steel, Carbon Steel, LTCS, Cupro Nickel, Inconel, Monel, Hastelloy.
- Standards: DIN, ANSI, ASME.

- Nozzle, Self Reinforced Nozzle, Nozzle Boss, Nipo Flange,
- Drip Rings, Hubs
- Material: Stainless Steel, Carbon Steel, Duplex Steel, Alloy Steel, Carbon Steel, LTCS, Cupro Nickel, Inconel, Monel, Hastelloy.
- Dimension as per request.

PIPE FITTINGS



- Elbow, Tee, Reducer, Caps, Stub Ends, Cross, Nipple
- Seamless: 1/2" to 28", Sch 10 to Sch XXS
- Welded: 1" to 60", Sch 10 to Sch XXS
- Material: Stainless Steel, Carbon Steel, Duplex Steel, Alloy Steel, Carbon Steel, LTCS, Cupro Nickel, Inconel, Monel, Hastelloy.
- Other special dimensions are available on request.

- Elbow, Tee, Reducer, Cross, Coupling, Cap, Union, Plugs, Boss, Nipple, Weldolet, Nippolet, Threadolet, Sockolet, Flange-Olet.
- NPT, Socket Weld, Hot Dip Galvanized.
- Material: Stainless Steel, Carbon Steel, Duplex Steel, Alloy Steel, Carbon Steel, LTCS, Cupro Nickel, Inconel, Monel, Hastelloy.
- 3000#, 6000#, 9000#

TUBE FITTINGS:



- Union, Elbow, Cross, Bulkhead, Male Connector, Ferrule Fittings, Adaptor.
- Material: Stainless Steel, Carbon Steel, Duplex Steel, Cupro Nickel, Inconel, Monel, Hastelloy.
- Size: 1/16" to 1" OD

NON STANDARD FLANGES:



FORGED FITTINGS





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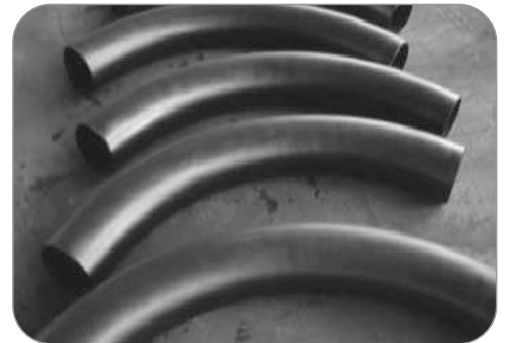
PIPES, TUBES



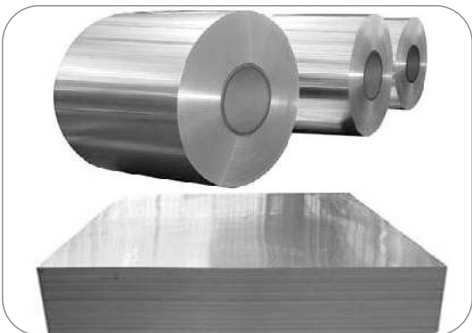
- Seamless, Welded, EFW, ERW, SAW
- Seamless: OD: 6mm to 711mm, Thk: 0.5mm to 35mm
- Welded: 6mm to 3000mm, Thk: 0.5mm to 65mm
- Material: Stainless Steel, Carbon Steel, Duplex Steel, Alloy Steel, Carbon Steel, LTCS, Cupro Nickel, Inconel, Monel, Hastelloy.
- Other special dimensions are available on request.

- Seamless/Welded
- Long Radius Bends, Piggable Bends, 3D, 5D, 6D, 8D, 10D, Customized Bend, Miter Bends.
- Material: Stainless Steel, Carbon Steel, Duplex Steel, Alloy Steel, Carbon Steel, LTCS, Cupro Nickel, Inconel, Monel, Hastelloy.
- Other special dimensions are available on request.

BENDS



SHEETS/PLATES



- Hot Rolled, Cold Rolled.
- 1mm to 300mm Thickness. Material: Stainless Steel, Carbon Steel, Duplex Steel, Alloy Steel, Carbon Steel, LTCS, Cupro Nickel, Inconel, Monel, Hastelloy.
- Other special dimensions are available on request.
- Abrasion Resistant Steel Plates - Hardox/RAEX 400, 500, 600

- Hex Bolts, Screws, U Bolts, Nuts, Washers, Threaded Rods
- Material: Stainless Steel, Carbon Steel, Duplex Steel, Alloy Steel, Carbon Steel, LTCS, Cupro Nickel, Inconel, Monel, Hastelloy.

FASTENERS



OTHERS



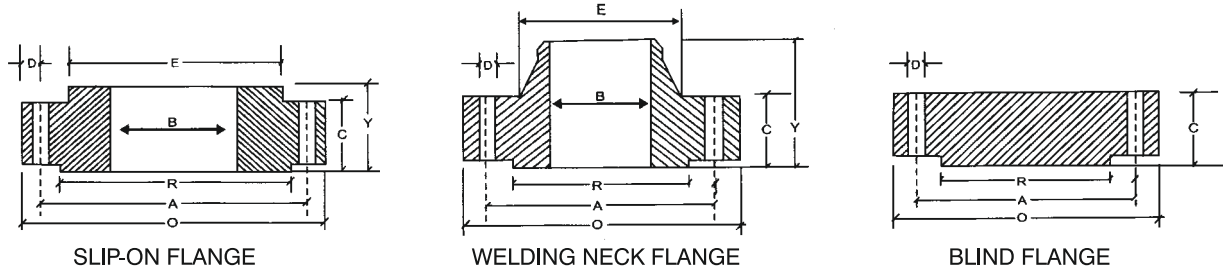
- Welding Consumables, Electrodes.
- Material: Stainless Steel, Carbon Steel, Duplex Steel, Alloy Steel, Carbon Steel, LTCS, Cupro Nickel, Inconel, Monel, Hastelloy.



REMAX FORGE AND FITTINGS

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Dimensions of Forged Flanges ANSI B 16.5



Dimensions of Class 150 Flanges as per ANSI B 16.5

Nominal Pipe Size	Flange Dia	Dia of Bolt Circle	Dia of Bolt Holes	No. of Holes	Thk of Flange	Dia of Hub	Length through Hub			Dia of Bore		Dia of R/F	Depth of Socket	Pipe Dia	
							S/O & S/W	W/N	L/J	S/O & S/W	L/J				
(MM)	(INCH.)	O	A	D	C	E	Y	Y	Y	B	B	R	F	X	
15	1/2	88.9	60.3	15.9	4	11.1	30.2	15.9	47.6	15.9	22.3	22.9	34.9	9.5	21.33
20	3/4	98.4	69.8	15.9	4	12.7	38.1	15.9	52.4	15.9	27.7	28.2	42.9	11.1	26.67
25	1	107.9	79.4	15.9	4	14.3	49.2	17.5	55.6	17.5	34.5	35.0	50.8	12.7	33.40
32	1 1/4	117.5	88.9	15.9	4	15.9	58.7	20.6	57.1	20.6	43.2	43.7	63.5	14.3	42.16
40	1 1/2	127.0	98.4	15.9	4	17.5	65.1	22.2	61.9	22.2	49.5	50.0	73.0	15.9	48.26
50	2	152.4	120.6	19.0	4	19.0	77.8	25.4	63.5	25.4	62.0	62.5	92.1	17.5	60.31
65	2 1/2	177.8	139.7	19.0	4	22.2	90.5	28.6	69.8	28.6	74.7	75.4	104.8	19.0	73.02
80	3	190.5	152.4	19.0	4	23.8	107.9	30.2	69.8	30.2	90.7	91.4	127.0	20.6	88.90
100	4	228.6	190.5	19.0	8	23.8	134.9	33.3	76.2	33.3	116.1	116.8	157.2	23.8	114.30
125	5	254.0	215.9	22.2	8	23.8	163.5	36.5	88.9	36.5	143.8	144.5	185.7	23.8	141.30
150	6	279.4	241.3	22.2	8	25.4	192.1	39.7	88.9	39.7	170.7	171.4	215.9	27.0	168.27
200	8	342.9	298.4	22.2	8	28.6	246.1	44.4	101.6	44.4	221.5	222.2	269.9	31.7	219.07
250	10	406.4	361.9	25.4	12	30.2	304.8	49.2	101.6	49.2	276.3	277.4	323.8	33.3	273.05
300	12	482.6	431.8	25.4	12	31.8	365.1	55.6	114.3	55.6	327.1	328.2	381.0	39.7	323.85
350	14	533.4	476.2	28.6	12	34.9	400.0	57.1	127.0	79.4	359.1	360.2	412.7	41.3	355.60
400	16	596.9	539.7	28.6	16	36.5	457.2	63.5	127.0	87.3	410.5	411.2	469.9	44.4	406.40
450	18	635.0	577.8	31.7	16	39.7	504.8	68.3	139.7	96.8	461.8	462.3	533.4	49.2	457.20
500	20	698.5	635.0	31.7	20	42.9	558.8	73.0	144.5	103.2	513.1	514.3	584.2	54.0	508.00
600	24	812.8	749.3	34.9	20	47.6	663.6	82.5	152.4	111.1	615.9	615.9	692.1	63.5	609.60

All Dimensions are in Millimeters • Flanges except Lap Joint will be furnished with (1.6mm) Raised Face, which is included in Thickness (C) and Length through Hub(Y).

Dimensions of Class 300 Flanges as per ANSI B 16.5

Nominal Pipe Size	Flange Dia	Dia of Bolt Circle	Dia of Bolt Holes	No. of Holes	Thk of Flange	Dia of Hub	Length through Hub			Dia of Bore		Dia of R/F	Depth of Socket	Pipe Dia	
							S/O & S/W	W/N	L/J	S/O & S/W	L/J				
(MM)	(INCH.)	O	A	D	C	E	Y	Y	Y	B	B	R	F	X	
15	1/2	95.2	66.7	15.9	4	14.3	38.1	22.2	52.4	22.2	22.3	22.9	34.9	9.5	21.33
20	3/4	117.5	82.5	19.0	4	15.9	47.6	25.4	57.1	25.4	27.7	28.2	42.9	11.1	26.67
25	1	123.8	88.9	19.0	4	17.5	54.0	27.0	61.9	27.0	34.5	35.0	50.8	12.7	33.40
32	1 1/4	133.3	98.4	19.0	4	19.0	63.5	27.0	65.1	27.0	43.2	43.7	63.5	14.3	42.16
40	1 1/2	155.6	114.3	22.2	4	20.6	69.8	30.2	68.3	30.2	49.5	50.0	73.0	15.9	48.26
50	2	165.1	127.0	19.0	8	22.2	84.1	33.3	69.8	33.3	62.0	62.5	92.1	17.5	60.31
65	2 1/2	190.5	149.2	22.2	8	25.4	100.0	38.1	76.2	38.1	74.7	75.4	104.8	19.0	73.02
80	3	209.5	168.3	22.2	8	28.6	117.5	42.9	79.4	42.9	90.7	91.4	127.0	20.6	88.90
100	4	254.0	200.0	22.2	8	31.8	146.0	47.6	85.7	47.6	116.1	116.8	157.2	23.8	114.30
125	5	279.4	234.9	22.2	8	34.9	177.8	50.8	98.4	50.8	143.8	144.5	185.7	-	141.30
150	6	317.5	269.9	22.2	12	36.5	206.4	52.4	98.4	52.4	170.7	171.4	215.9	-	168.27
200	8	381.0	330.2	25.4	12	41.3	260.3	61.9	111.1	61.9	221.5	222.2	269.9	-	219.07
250	10	444.5	387.3	28.6	16	47.6	320.7	66.7	117.5	95.2	276.3	277.4	323.8	-	273.05
300	12	520.7	450.8	31.7	16	50.8	374.6	73.0	130.2	101.6	327.1	328.2	381.0	-	323.85
350	14	584.2	514.3	31.7	20	54.0	425.4	76.2	142.9	111.1	359.1	360.2	412.7	-	355.60
400	16	647.7	571.5	34.9	20	57.2	482.6	82.5	146.0	120.6	410.5	411.2	469.9	-	406.40
450	18	711.2	628.5	34.9	24	60.3	533.4	88.9	158.7	130.2	461.8	482.3	533.4	-	457.20
500	20	774.7	685.8	34.9	24	63.5	587.4	95.2	161.9	139.7	513.1	514.3	584.2	-	508.00
600	24	914.4	812.8	41.3	24	69.8	701.7	106.4	188.3	152.4	615.9	615.9	692.1	-	609.60

All Dimensions are in Millimeters • Flanges except Lap Joint will be furnished with (1.6mm) Raised Face, which is included in Thickness (C) and Length through Hub(Y).



REMAX FORGE AND FITTINGS

(AN ISO 9001: 2015 CERTIFIED CO.)

DIMENSION OF FLANGES AS PER TABLE BS-10

TABLE - D

For Working Steam Pressure upto 50 lbs per sq. inch

Nominal Pipe Size	O.D. of Pipe	O.D.	P.C.D.	No. of Bolt	Dia of Bolt	Thickness
½"	21.3	95.3	66.7	4	12.7	4.8
¾"	26.7	101.6	73.0	4	12.7	4.8
1"	33.4	114.3	82.6	4	12.7	4.8
1¼"	42.2	120.7	87.3	4	12.7	6.4
1½"	48.3	133.4	98.4	4	12.7	6.4
2"	60.3	152.4	114.3	4	15.9	7.9
2½"	73.0	165.1	127.0	4	15.9	7.9
3"	88.9	184.2	146.1	4	15.9	9.5
3½"	101.6	203.2	165.1	4	15.9	9.5
4"	114.3	215.9	177.8	4	15.9	9.5
5"	141.3	254.0	209.6	8	15.9	12.7
6"	168.3	279.4	228.6	8	15.9	12.7
7"	190.5	304.8	260.4	8	15.9	12.7
8"	219.1	336.6	292.1	8	15.9	12.7
9"	244.5	368.3	323.9	8	15.9	15.9
10"	273.0	406.4	355.6	8	19.1	15.9
12"	323.9	457.2	406.4	12	19.1	15.9
14"	355.6	527.1	469.9	12	22.2	19.1
16"	406.4	577.9	520.7	12	22.2	19.1
18"	457.2	641.4	584.2	12	22.2	22.2
20"	508.0	704.9	641.4	16	22.5	25.4
24"	609.6	825.5	755.7	16	25.4	28.6

TABLE - E

For Working Steam Pressure upto 100 lbs per sq. inch

Nominal Pipe Size	O.D. of Pipe	O.D.	P.C.D.	No. of Bolt	Dia of Bolt	Thickness
½"	21.3	95.3	66.3	4	12.7	64.
¾"	26.7	101.6	73.0	4	12.7	6.4
1"	33.4	114.3	82.6	4	12.7	7.1
1¼"	42.2	120.7	87.3	4	12.7	7.9
1½"	48.3	133.4	98.4	4	12.7	8.7
2"	60.3	152.4	114.3	4	15.9	9.5
2½"	73.0	165.1	127.0	4	15.9	10.3
3"	88.9	184.2	146.1	4	15.9	11.1
3½"	101.6	203.2	165.1	8	15.9	11.9
4"	114.3	215.9	177.8	8	15.9	12.7
5"	141.3	254.0	209.6	8	15.9	14.3
6"	168.3	279.4	228.6	8	19.1	17.5
7"	190.5	304.8	260.4	8	19.1	19.1
8"	219.1	336.6	292.1	8	19.1	19.1
9"	244.5	368.3	323.9	12	19.1	20.6
10"	273.0	406.4	355.6	12	19.1	22.2
12"	323.9	457.2	406.4	12	22.2	25.4
14"	355.6	527.2	469.9	12	22.2	25.4
16"	406.4	577.9	520.7	12	22.2	25.4
18"	457.2	641.4	584.2	16	22.2	28.6
20"	508.0	704.9	647.4	16	22.2	31.8
24"	609.6	825.5	755.7	16	25.4	38.1

TABLE - F For Working Steam Pressure above 100 lbs and upto 150 lbs per sq. inch

Nominal Pipe Size	O.D. of Pipe	O.D.	P.C.D.	No. of Bolt	Dia of Bolt	Thickness
½"	21.3	95.3	66.7	4	12.7	9.5
¾"	26.7	101.6	73.0	4	12.7	9.5
1"	33.4	120.7	87.3	4	15.9	9.5
1¼"	42.2	133.4	98.4	4	15.9	12.7
1½"	48.3	139.7	104.8	4	15.9	12.7
2"	60.3	165.1	127.0	4	15.9	15.9
2½"	73.0	184.2	146.1	8	15.9	15.9
3"	88.9	203.2	165.1	8	15.9	15.9
3½"	101.6	215.9	177.8	8	15.9	19.1
4"	114.3	228.6	190.5	8	15.9	19.1
5"	141.3	279.4	235.0	8	19.1	22.2
6"	168.3	304.8	260.4	12	19.1	22.2
7"	190.5	336.6	292.1	12	19.1	22.2
8"	219.1	368.3	323.9	12	19.1	25.4
9"	244.5	406.4	355.6	12	22.2	25.4
10"	273.0	431.8	381.0	12	22.2	25.4
12"	323.9	489.0	438.2	16	22.2	28.6
14"	355.6	552.5	495.3	16	25.4	31.8
16"	406.4	609.6	552.5	20	25.4	31.8
18"	457.2	673.1	609.6	20	28.6	34.9
20"	508.0	736.6	673.1	24	28.6	38.1
24"	609.6	850.9	781.1	24	31.8	41.3

TABLH - H For Working Steam Pressure above 150 lbs and upto 250 lbs per sq. inch

Nominal Pipe Size	O.D. of Pipe	O.D.	P.C.D.	No. of Bolt	Dia of Bolt	Thickness
½"	21.3	114.3	82.6	4	15.9	12.7
¾"	26.7	114.3	82.6	4	15.9	12.7
1"	33.4	120.7	87.3	4	15.9	14.3
1¼"	42.2	133.4	98.4	4	15.9	17.5
1½"	48.3	139.7	104.8	4	15.9	17.5
2"	60.3	165.1	127.0	4	15.9	19.1
2½"	73.0	184.2	146.1	8	15.9	19.1
3"	88.9	203.2	165.1	8	15.9	22.2
3½"	101.6	215.9	177.8	8	15.9	22.2
4"	114.3	228.6	190.5	8	15.9	25.4
5"	141.3	279.4	235.0	8	19.1	28.6
6"	168.3	302.8	260.4	12	19.1	28.6
7"	190.5	336.6	292.1	12	19.1	31.8
8"	219.1	368.3	323.9	12	19.1	31.8
9"	244.5	406.4	355.6	12	22.2	34.9
10"	273.0	431.8	381.0	12	22.2	34.9
12"	323.9	489.0	438.2	16	22.2	38.1
14"	355.6	552.5	495.3	16	25.4	41.3
16"	406.4	609.6	552.5	20	25.4	44.5
18"	457.2	673.1	609.6	20	28.6	47.6
20"	508.0	736.6	673.1	24	28.6	50.8
24"	609.6	850.9	781.1	24	31.8	57.2

Note : For 12.7 mm and 15.87 mm Bolts Dia the diameters of the holes will be 1.58 mm larger and for 19.01 and above the Hole Dia will be 3.17 larger



Remax is the world leader in stainless steel forged flanges. We serve customers across 90 countries and six continents. Remax flanges are reputed and well known across the PVFF Industry for their reliability and quality.

The flanges division encompasses an integrated forge shop which manufactures all types of pipe fitting i.e. flanges, butt welding fittings (stubends) in various specifications (ASME, EN, DIN, AFNOR, AWWA, GOST, BS, JIS, AS, MSS, SA, UNI SABS/SANS, NS, VSM.) as well as forged bars.

Flanges are produced in size ranges from ½" to 40°.

Remax has an established and stringent quality system with 130+ certifications till date in accordance with various specific requirements and applications. These approvals and certifications enable our customers to supply Remax flanges to major end users across a variety of industries.

Our integrated operations include facilities for cutting, forging, ring rolling and machining with CNC lathes, VMC (machining centre), high capacity forging press and mobile manipulator for making big diameter forged round bars. We also have an in-house heat treatment shop and well equipped laboratory facilities for mechanical and metallurgical testing, PMI testing with X-Ray and Optical Emission Spectroscopy. We also have fully equipped Radiation Contamination Monitoring facilities.



Application Industries

- PETROCHEMICALS
- TEXTILE INDUSTRIES
- ORGANIC CHEMICALS
- FOOD & BEVERAGES
- CEMENT PLANTS
- HEAT EXCHANGER
- WATER TREATMENTS
- WATER PIPING SYSTEMS, ETC.
- PHARMACEUTICAL
- SURGICALS
- FABRICATION
- HEAVY ENGINEERING PIPE LINES
- OIL & GAS IND
- PULP & PAPER PLANT

MANUFACTURER OF:

FLANGES & PIPE FITTINGS S.S. & C.S. MFG., STOCKISTS & SUPPLIERS OF FERROUS & NON FERROUS METAL, ALL KINDS OF INDUSTRIAL RAW MATERIALS



Contact Person

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REMAX FORGE AND FITTINGS

(AN ISO 9001: 2015 CERTIFIED CO.)

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Factory 2: Plot No.21 Phase I, Samardi
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Highway Chandial, Ahmedabad (Gujarat).