MSME
सूक्ष्म, लघु एवं मध्यम उद्यम
MICRO , SMALL & MEDIUM ENTERPRISES
MSME NO. MH-19-0182040

MAKE IN INDIA

EGAC

AN ISO 9001:2015,
ISO 14001:2015,
ISO 45001:2018,
& PED (2014/68/EU)

BOM INDIA FORGE & FITTINGS

Manufacturer, Supplier & Exporter of :
STAINLESS STEEL, CARBON STEEL,
ALLOY STEEL, PIPE & FITTINGS ETC.

BOM INDIA FORGE & FITTINGS

ABOUT US

BOM INDIA FORGE & FITTINGS offering wide range of Pipe & Pipe Fittings manufacturing in form of Stainless Steel, Carbon Steel, Alloy Steel. We also supply & export of all grades in plates, sheets, rods, pipes, coils.

We have large Dealer Network spread across the length and breadth of India. whose valued & Continued Support has helped us to achieve New Heights of Success which Inspires us to do better Year after Years.

WHY US ?

- Consistent Quality
- Well Qualified & Experienced skilled staff.
- Quick responses to inquiries / RFQs.
- Shorter lead time for sampled development.
- We can develop casting from sample development.
- Our testing lab & inspection prove the best quality of our products.

VISION

- To become leading manufacturing company.
- To provide value for money to the customer by producing world class quality, and through constant technological innovation at competitive prices.
- We understand the needs of our customers and will stay focused on them by offering them products, service and solutions of the highest quality.

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BOM INDIA FORGE & FITTINGS

COMPANY PROFILE

Company Name	:	M/s. Bom India Forge & Fittings
Corp. Address	:	Building 10/12, S. M. Chawl, Shop No. 4, Ground Floor, 4th Cross Lane, Khetwadi Back Road, Mumbai - 400 004.
Factory	:	Plot No. 6B, Prakash Industrial Park, Survey No. B3/1/1A Vavanje -Palekhurd Road, Vavanje Taloja, Dist. Raigad - 410 208.
Contact Person	:	J T Patel Mob.: +91 98920 45377 / 93724 42998 Tel/Fax: +91-22- 6743 7838
PAN CARD	:	APXPP8803N
GSTIN No.	:	27APXPP8803N1ZS
Vision Statement	:	To become a quality benchmark in global market
Mission Statement	:	To enhance value for our clients through vision, integrity and aggressive performance
Quality Policy	:	BOM INDIA FORGE & FITTINGS is dedicated to customer satisfaction by providing quality products in timely manner through teamwork and continual improvement
Equipment Manufactured	:	Pipe Fittings, Flanges, Pipes, Hollow Sections, Fabrication Structured Steel.
Specialisation	:	Plates, Pipes & Fittings, Structure Items.

BOM INDIA FORGE & FITTINGS

OUR PRODUCTS

Pipes & Tubes

Stainless Steel : ASTM A312 TP 304/ 304L/ 304H/ 316/ 316L/ 317/ 317L/ 321/310/ 347/ 409 / 410 / 409M / 904L etc.

Carbon Steel : ASTM A53 GR. B / A106 GR. B / API 5L GRADE B / API 5L GR.X42 / 46 / 52 / 56 / 60 / 65 / 70 / A333 Gr. 3 / Gr. 6 etc.

Alloy Steel : ASTM A335 GR. P1/ P5/ P9/ P11/ P22/ P91 etc.

Others : Monel, Nickel, Inconel, Hastalloy, Copper, Brass, Bronze, Titanium, Bismuth, Aluminium, High Speed Steel, Zinc, Lead.

Types : Round , Square, Rectangular.

Size : 6 mm OD to 24" (Seamless) & 1/8" to 60" (Welded)

Wall Thickness : Sch. 5S to Sch. XXS

Buttweld Fittings

Stainless Steel : ASTM A403 WP 304/ 304L/ 304H/316/ 316L/ 317/ 317L/ 321/ 310/ 347/904L etc.

Carbon Steel : ASTM A234 WPB / A420 WPL3 / A420 WPL6 / MSS-SP-75 WPHY 42 /46 / 52 / 56 /60 /65 / 70

Alloy Steel : ASTM A234 WP1/ WP5/ WP9/ WP11/ WP22/WP91 etc.

Others : Monel, Nickel, Inconel, Hastalloy, Copper, Brass, Bronze, Titanium, Tantalum, Bismuth, Aluminium, High Speed Steel, Zinc, Lead, etc.

Types : Elbow, Tee, Reducer, Return Bends, Stub-Ends, Cap, Collar, Cross, Insert etc.

Size : 1/4" NB TO 48" NB. (Seamless & Welded)

Wall Thickness : Sch. 5S To Sch. XXS.

Forged, Socketweld & Screwed Fittings

Stainless Steel : ASTM A182 F304/ 304L/ 304H/ 316/ 316L/ 317/ 317L/ 321/310/ 347/ 904L etc.

Carbon Steel : ASTM A105 / A694 F42/46/ 52/56/ 60/ 65/70 / A350 LF3/ A350 LF2.

Alloy Steel : ASTM A182 F1/ F5/ F9/ F11/ F22/F91 etc.

Others : Monel, Nickel, Inconel, Hastalloy, Copper, Brass, Bronze, Titanium, Tantalum, Bismuth, Aluminium, High Speed Steel, Zinc, Lead, etc.

Types : Elbow, Tee, Union, Cross, Coupling, Cap, Bushing , Plug, Swage Nipple, Welding Boss, Hexagon Nipple, Barrel Nipple, Welding Nipple, Parraler Nipple, Street Elbow, Hexagon Nut, Hose Nipple, Bend, Adapter, Insert, Weldolet, Elbowlet, Sockolet, Thredolet, Nipolet, Letrolet, etc.

Size : 1/4" NB TO 4" NB. (Socketweld & Threaded)

Class : 3000#, 6000#, 9000#.

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BOM INDIA FORGE & FITTINGS

OUR PRODUCTS

Flanges

Stainless Steel : ASTM A182 F304 / 304L / 304H / 316 / 316L / 317 / 317L / 321 / 310 / 347 / 904L etc.

Carbon Steel : ASTM A105 / A694F42 / 46 / 52 / 56 / 60 / 65 / 70 / A350 LF3 / A350 LF2, etc.

Alloy Steel : ASTM A182 F1/ F5/ F9/ F11/ F22/ F91 etc.

Others: Monel, Nickel, Inconel, Hastalloy, Copper, Brass, Bronze, Titanium, Tantalum, Bismuth, Aluminium, High Speed Steel, Zinc, Lead, etc.

Types : Weldneck, Slipon, Blind, Socket Weld, Lap Joint, Spectacles, Ring Joint, Oriface, Long Weldneck, Deck Flange, RTJ, Flange, PN Series, etc.

Size : 1/2" NB TO 78" NB.

Class : 150#, 300#, 400#, 600#, 900#, 1500# & 2500#.

Tube Fittings

Material Grade : Stainless Steel, Nickel Alloys, Monel, Nickel, Inconel, Hastalloy, Brass, Mild Steel, Carbon Steel, Alloy Steel, etc.

Type : Nipples, Adaptors, Crosses, Union Ball Joints, Reducing Bushing, Reducer, Pipe Caps, Coupling, Pipe Plug, Hollow Hex Plug, Elbow Reducing Union, 90 Deg. Union Elbow, 45 Deg., Union Elbow Reducing 90 Deg. Union Elbow, Extender Leg 90 Deg., Union Elbow, 45 Deg. Union Elbow, Union Tee, Female Connector, Male Connector, Manifold Tee, Locator, Union, Extended Run Leg Union Tee, Reducing Tee etc.

Special Products

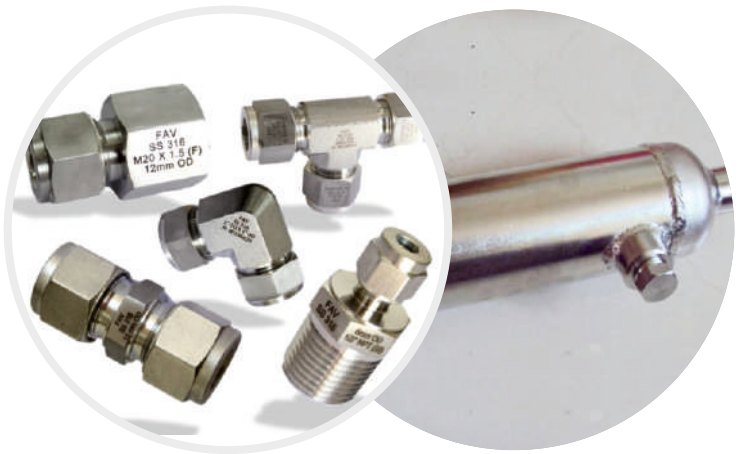
Condensate Pot

Nickel Base Wire & Wire Mesh

Nickel Base Alloy Tube Fitting (Monel / Inconel / Hastalloy etc.)

Nickel Base Alloy Fasteners (Monel / Inconel / Hastalloy etc.)

Class : 3000#, 6000#, 9000#



BOM INDIA FORGE & FITTINGS

PIPES & TUBES

Our Firm is a leading stockist and importer of ERW / Seamless Pipes & Tubes in Stainless Steel, Alloy Steel & Carbon Steel. We are Well equipped adding stockist and importer of ERW / Seamless with technical know-how & expertise to cater the growing demand. We supply pipes in various shape, size & finish strictly adhering to our customer's quality constraints.

Product Range

Items	Range	Finish
SS ERW Pipes	1/8" - 24"	HR, Mirror, Matt
SS Seamless Pipes	1/8" - 24"	HR
SS Rectangle Pipes	1/2" - 4"	HR, Mirror, Matt
SS Square Pipes	1/2" - 4"	HR, Mirror, Matt
SS Oval Pipes	1/2" - 4"	HR, Mirror, Matt

For size above 24" - kindly mail us your requirement

Size of Pipes & Tubes		THICKNESS OF STAINLESS STEEL PIPES										Extra Strong	D. Extra Strong
		Sch 5	Sch 10	Sch 20	Sch 40	Sch 60	Sch 80	Sch 100	Sch 120	Sch 140	Sch 160		
Normal in inch	Outside in mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1/8	10.3	1	1.24	1.6	1.73	-	2.41	-	-	-	-	2.41	-
1/4	13.7	1.2	1.65	2	2.24	-	3.02	-	-	-	-	3.02	-
3/8	17.1	1.2	1.65	2	2.31	-	3.2	-	-	-	-	3.2	-
1/2	21.3	1.65	2.11	2.5	2.77	-	3.73	-	-	-	4.78	3.73	7.47
3/4	26.7	1.65	2.11	2.5	2.87	-	3.91	-	-	-	5.54	3.91	7.82
1	33.4	1.65	2.77	2.5	3.38	-	4.55	-	-	-	6.35	4.55	9.09
1 1/4	42.4	1.65	2.77	3	3.56	-	4.85	-	-	-	6.35	4.85	9.7
1 1/2	48.3	1.65	2.77	3	3.68	-	5.08	-	-	-	7.14	5.08	10.16
2	60.3	1.65	2.77	3	3.91	-	5.54	-	-	-	8.71	5.54	11.07
2 1/2	73	2.11	3.05	4	5.16	-	7.01	-	-	-	9.52	7.01	14.02
3	88.9	2.11	3.05	4	5.49	-	7.62	-	-	-	11.1	7.62	15.24
3 1/2	101.6	2.11	3.05	4.5	5.74	-	8.08	-	-	-		8.08	16.15
4	114.3	2.11	3.05	4.5	6.02	-	8.56	-	11.13	-	13.5	8.56	17.12
5	141.3	2.77	3.4	5	6.55	-	9.52	-	12.7	-	15.9	9.52	19.06
6	168.3	2.77	3.4	6.35	7.11	-	10.97	-	14.27	-	18.2	10.97	21.95
8	219.1	2.77	3.76	6.35	8.18	10.34	12.7	15.06	18.24	20.62	23	12.7	22.22
10	273	3.4	4.19	6.35	9.27	12.70	15.09	18.24	20.62	25.4	28.6	12.7	25.4
12	324	3.96	4.57	6.35	10.31	14.27	17.48	21.41	25.40	28.57	33.3	12.7	25.4
14	355.6	3.96	4.57	7.92	11.13	15.06	19.06	23.8	27.76	31.75	35.7	12.7	-
16	406.4	4.19	4.76	7.92	12.07	16.66	21.44	26.19	30.94	36.53	40.5	12.7	-
18	457.2	4.19	4.76	7.92	14.27	19.05	23.83	29.36	34.92	39.67	45.2	12.7	-
20	508	4.76	5.54	9.52	15.09	20.62	26.19	32.54	38.1	44.45	49.9	12.7	-
22	559	4.76	5.54	9.52	-	22.22	28.58	34.92	41.27	47.64	54	12.7	-
24	610	5.54	6.35	9.52	17.48	24.59	30.96	38.89	46.02	52.37	59.5	12.7	-

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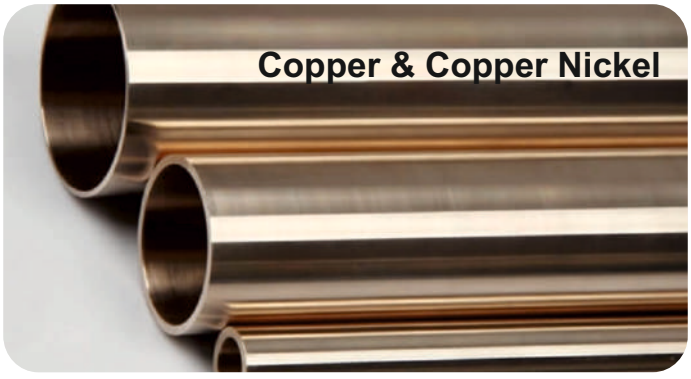
BOM INDIA FORGE & FITTINGS

FEATURES OF STAINLESS STEEL

- Corrosion-Resistance
- Hygiene
- Strength -to-Weigth Advantage
- Lower Total Life Cycle Cost
- Fire and Heat Resistance
- Aesthetic Appearance
- Impact Resistance
- 100% Recyclable

Equivalent Table for Various Specifications

USA AISI NO	GERMANY DIN	INDIA IS	BRITAN BS	JAPAN JIS	SWEDEN SIS	FRANCE AFNOR	ITALY UNI	CHINA GB	USN DESIGNATION
303	1.405	X10Cr18Ni9S	303S31	SUS303	-	Z10CNF18.09	X10CrNiS18 09	-	S30300
304	1.4301	X04Cr19Ni9	304S15	SUS304	14 23 33	Z6CN18.09	X5CrNi18 10	0Cr19Ni9	S30400
304L	1.4306	X02Cr19Ni10	304S11	SUS304L	14 23 52	Z2CN18.10	X2CrNI18 11	00Cr19Ni11	S30403
310	1.4845	X20Cr25Ni20	310S24	SUS310S	14 23 61	Z12CN25.20	X22CrNi25 20	0Cr25NI20	S31008
316	1.4401	X04Cr17Ni12Mo2	316S31	SUS316	14 23 47	Z6CND17.11	X8CrNiMo17 13	0Cr17Ni12Mo2	S31600
316L	1.4404	X02Cr17Ni12Mo2	316S11	SUS316L	14 23 48	Z2CND17.12	X2CrNiMo17 12	00Cr17Ni14Mo2	S31603
321	1.4541	X04Cr18Ni10Ti	321S31	SUS321	14 23 37	Z6CNT18.12	X6CrNiTi18 11	0Cr18Ni9Ti	S32100



BOM INDIA FORGE & FITTINGS

ANSI / ASME B 36.10M PIPE DIMENSIONS

ANSI / ASME B 36.10M PIPE DIMENSIONS

Nominal Pipe Size inches	OD mm	10 mm kg/mtr	20 mm kg/mtr	30 mm kg/mtr	STD mm kg/mtr	40 mm kg/mtr	60 mm kg/mtr	XS mm kg/mtr	80 mm kg/mtr	100 mm kg/mtr	120 mm kg/mtr	140 mm kg/mtr	160 mm kg/mtr	XXS mm kg/mtr	Nominal Pipe Size inches	5S mm kg/mtr	10S mm kg/mtr	40S mm kg/mtr	80S mm kg/mtr
1/8	10,30				1,73 0,37	1,73 0,37		2,41 0,47	2,41 0,47						1/8		1,24 0,28	1,73 0,36	2,41 0,48
1/4	13,70				2,24 0,63	2,24 0,63		3,02 0,80	3,02 0,80						1/4		1,65 0,51	2,24 0,64	3,02 0,82
3/8	17,10				2,31 0,84	2,31 0,84		3,20 1,10	3,20 1,10						3/8		1,65 0,64	2,31 0,86	3,20 1,12
½	21,30				2,77 1,27	2,77 1,27		3,73 1,62	3,73 1,62				4,78 1,95	7,47 2,55	½	1,65 0,82	2,11 1,01	2,77 1,30	3,73 1,65
3/4	26,70				2,87 1,69	2,87 1,69		3,91 2,20	3,91 2,20				5,56 2,90	7,82 3,64	3/4	1,65 1,04	2,11 1,31	2,87 1,71	3,91 2,24
1	33,40				3,38 2,50	3,38 2,50		4,55 3,24	4,55 3,24				6,35 4,24	9,09 5,45	1	1,65 1,33	2,77 2,13	3,38 2,55	4,55 3,29
1 1/4	42,20				3,56 3,39	3,56 3,39		4,85 4,47	4,85 4,47				6,35 5,61	9,70 7,77	1 1/4	1,65 1,68	2,77 2,76	3,56 3,46	4,85 4,56
1 ½	48,30				3,68 4,05	3,68 4,05		5,08 5,41	5,08 5,41				7,14 7,25	10,15 9,56	1 ½	1,65 1,96	2,77 3,17	3,68 4,13	5,08 5,51
2	60,30				3,91 5,44	3,91 5,44		5,54 7,48	5,54 7,48				8,74 11,11	11,07 13,44	2	1,65 2,44	2,77 4,01	3,91 5,54	5,54 7,63
2 ½	73,00				5,16 8,63	5,16 8,63		7,01 11,41	7,01 11,41				9,53 14,92	14,02 20,39	2 ½	2,11 3,77	3,05 5,36	5,16 8,81	7,01 11,64
3	88,90				5,49 11,29	5,49 11,29		7,62 15,27	7,62 15,27				11,53 21,35	15,24 27,68	3	2,11 4,60	3,05 6,59	5,49 11,52	7,62 15,59
3 ½	101,60				5,74 13,57	5,74 13,57		8,08 18,63	8,08 18,63						3 ½	2,11 5,29	3,05 7,55	5,74 13,84	8,08 19,01
4	114,30				6,02 16,07	6,02 16,07		8,56 22,32	8,56 22,32		11,13 28,32		13,49 33,54	17,12 41,03	4	2,11 5,96	3,05 8,52	6,02 16,40	8,56 22,77
5	141,30				6,55 21,77	6,55 21,77		9,53 30,97	9,53 30,97		12,70 40,28		15,88 49,11	19,05 57,43	5	2,77 9,67	3,40 11,82	6,55 22,20	9,53 31,59
6	168,30				7,11 28,26	7,11 28,26		10,97 42,56	10,97 42,56		14,27 54,20		18,26 67,56	21,95 79,22	6	2,77 11,55	3,40 14,13	7,11 28,83	10,97 43,42
8	219,10		6,35 33,31	7,04 36,81	8,18 42,55	8,18 42,55	10,31 53,10	12,70 64,64	12,70 64,64	15,09 75,92	18,26 90,44	20,62 100,92	23,01 111,27	22,23 107,92	8	2,77 15,09	3,76 20,37	8,18 43,39	12,70 65,95
10	273.10		6,35 41,77	7,80 51,03	9,27 60,31	9,27 60,31	12,70 81,50	12,70 81,55	15,09 96,01	18,26 144,75	21,44 133,06	25,40 155,15	28,58 172,33	25,40 155,15	10	3,40 23,08	4,19 28,34	9,27 61,52	12,70 83,19
12	323,90		6,35 49,73	8,38 65,20	9,53 73,88	10,31 79,73	14,27 108,96	12,70 97,46	17,48 132,08	21,44 159,91	25,40 186,97	28,58 208,14	33,32 238,76	25,40 186,97	12	3,96 31,89	4,57 36,73	9,53 75,32	12,70 99,43
14	355,60	6,35 54,69	7,92 67,90	9,53 81,33	9,53 81,33	11,13 94,55	15,09 126,71	12,70 107,39	19,05 158,10	23,83 194,96	27,79 224,65	31,75 253,56	35,71 281,70		14	3,96 35,06	4,78 42,14		
16	406,40	6,35 62,64	7,92 77,83	9,53 93,27	9,53 93,27	12,70 123,30	16,66 160,12	12,70 123,30	21,44 203,53	26,19 245,56	30,96 286,64	36,53 333,19	40,49 365,35		16	4,19 42,41	4,78 48,26		
18	457,00	6,35 70,57	7,92 87,71	11,13 122,38	9,53 105,16	14,27 155,80	19,05 205,74	12,70 139,15	23,83 254,55	29,36 309,62	34,93 363,56	39,67 408,26	45,24 459,37		18	4,19 47,77	4,78 54,36		
20	508,00	6,35 78,55	9,53 117.15	12,70 155,12	9,53 117,15	15,09 183,42	20,62 247,83	12,70 155,12	26,19 311,17	32,54 381,53	38,10 441,49	44,45 508,11	50,01 564,81		20	4,78 60,46	5,54 70,00		
22	559,00	6,35 86,54	9,53 129,13	12,70 171,09	9,53 129,13	- -	22,23 294,25	12,70 171,09	28,58 373,83	34,93 451,42	41,28 527,02	47,63 600,63	53,98 672,26		22	4,78 66,57	5,54 77,06		
24	610,00	6,35 94,53	9,53 141,12	14,27 209,64	9,53 141,12	17,48 255,41	24,61 355,26	12,70 187,06	30,96 442,08	38,89 547,71	46,02 640,03	53,37 720,15	59,54 808,22		24	5,54 84,16	6,35 96,37		
26	660,00	7,92 127,36	12,70 202,72	- -	9,53 152,87	- -		12,70 202,72							26				
28	711,00	7,92 137,32	12,70 218,69	15,88 271,21	9,53 164,85	- -		12,70 218,69							28				
30	762,00	7,92 147,28	12,70 234,67	15,88 292,18	9,53 176,84	- -		12,70 234,67							30	6,35 120,72	7,92 150,36		
32	813,00	7,92 157,24	12,70 250,64	15,88 312,15	9,53 188,82	17,48 342,91		12,70 250,64							32				
34	864,00	7,92 167,20	12,70 266,61	15,88 332,12	9,53 200,31	17,48 364,90		12,70 266,61							34				
36	914,00	7,92 176,96	12,70 282,27	15,88 351,70	9,53 212,56	19,05 420,42		12,70 282,27							36				
38	965,00				9,53 224,54			12,70 298,24							38				
40	1016,00				9,53 236,53			12,70 314,22							40				
42	1067,00				9,53 248,52			12,70 330,19							42				
44	1118,00				9,53 260,50			12,70 346,16							44				
46	1168,00				9,53 272,25			12,70 351,82							46				
48	1219,00				9,53 284,24			12,70 377,79							48				

* All Dimensions are in MM * **W.T. of Pipe** * Weight of Pipe Kg / Mtr.

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BOM INDIA FORGE & FITTINGS

SUMMARY OF THE MAIN ASTM STANDARDS GENERALLY USED FOR SHEETS / PLATES

ASTM	Grade	Chemical requirements percent (%)										Mechanical requirements				
		C max	Mn max	P max	S max	Si max	Ni	Cr.	Mo	Cu	Others	Tensile Strength mini-MPa	Yeild Strength mini-MPa	Elong mini %	Hardness Brinell	Rockwell
A240	304	0.08	2.00	0.045	0.030	0.75	8.00-10.5	18.00-20.0				515	205	40	201	92
	304L	0.03	2.00	0.045	0.030	0.75	8.00-12.0	18.00-20.0				485	170	40	201	92
	310	0.08	2.00	0.045	0.030	1.50	19.0-22.0	24.0-26.0				515	205	40	217	95
	316	0.08	2.00	0.045	0.030	0.75	10.0-14.0	16.0-18.0	2.00-3.00			515	205	40	217	95
	316L	0.03	2.00	0.045	0.030	0.75	10.0-14.0	16.0-18.0	2.00-3.00			485	170	40	217	95
	317L	0.03	2.00	0.045	0.030	0.75	11.0-15.0	18.0-20.0	3.00-4.00			515	205	40	217	95
	321	0.08	2.00	0.045	0.030	0.75	9.00-12.0	17.0-19.0			Ti >5xC< 0.70	515	205	40	217	95
	347	0.08	2.00	0.045	0.030	0.75	9.00-13.0	17.0-19.0			Cb + Ta > 10xC < 1.10	515	205	40	201	92
A 387 Class1 Class2	2	005-0.21	0.55-0.80	0.035	0.040	0.15-0.40		0.50-0.80	0.45-0.60			Class 1 / Class 2	Class 1 / Class 2			
	5	0.15	0.30-0.60	0.04	0.030	0.050		4.00-6.00	0.45-0.65			380 / 486	230 / 310	22	max201HB	max92HRB
	7	0.15	0.30-0.60	0.030	0.030	1.00		6.00-8.00	0.45-0.65			415 / 515	205 / 310	18	max202HB	max92HRB
	9	0.15	0.30-0.60	0.030	0.030	1.00		8.00-10.0	0.90-1.10			415 / 515	205 / 310	18	max217HB	max95HRB
	11	0.04-0.17	0.40-0.65	0.035	0.04	0.50-0.80		1.00-1.50	0.45-0.65			415 / 515	205 / 310	18	max217HB	max95HRB
	12	0.04-0.17	0.40-0.65	0.035	0.04	0.15-0.40		0.80-1.15	0.45-0.60			415 / 515	240 / 310	22	max217HB	max95HRB
	21	0.04-0.17	0.30-0.60	0.035	0.035	0.50		2.75-3.25	0.90-1.10			380 / 450	230 / 275	22	max217HB	max95HRB
	22	0.05-0.17	0.30-0.60	0.035	0.035	0.50		2.00-2.50	0.90-1.10			415 / 515	205 / 310	18	max201HB	max92HRB
A 515	55	0.22	0.90	0.035	0.04	0.15-0.40						415 / 515	205 / 310	18	max201HB	max92HRB
	60	0.27	0.90	0.035	0.04	0.15-0.40						380-515	205	27		
	65	0.31	0.90	0.035	0.04	0.15-0.40						415-550	220	25		
	70	0.33	1.20	0.035	0.04	0.15-0.40						450-585	240	23		
A 516	55	0.20	0.60-1.20	0.035	0.04	0.15-0.40						485-620	260	21		
	60	0.23	0.85-1.20	0.035	0.04	0.15-0.40						380-515	205	27		
	65	0.26	0.85-1.20	0.035	0.04	0.15-0.40						415-550	202	25		
	70	0.28	0.85-1.20	0.035	0.04	0.15-0.40						450-585	240	23		
A 537	Class 1	0.24	0.70-1.35	0.035	0.040	0.15-0.40	0.25 max	0.80 max	0.35 max			485-620	260	21		
	Class 2	0.24	0.70-1.35	0.035	0.040	0.15-0.40	0.25 max	0.80 max	0.35 max			485-620	345	22		
												550-690	415	22		

IS-2062-92 STEEL FOR GENERAL STRUCTURAL PURPOSES

Grade	Designation	% Chemical Composition						Tensile strength (Min) Kg/mm2	Yield Strength (Min) Mpa			%El.in gauge length $5.56\sqrt{Sc}$	Bend Test	Std.test Piece charpy V Notch Impact Energy Joule min
		C max	MN max	S max	P max	Si max	C. E. max		<20 min	<20-40 min	>40min			
A	FE410 WA	0.23	1.5	0.050	0.050	-	0.42	41.8	250	240	230	23	3t	-
B	FE410 WB	0.22	1.5	0.045	0.045	0.40	0.41	41.8	250	250	230	23	t<25mm	2t for 27 3t for t>25mm
C	FE410 WC	0.20	1.5	0.040	0.040	0.40	0.36	41.8	250	250	230	23	2t	27

IS-2002-62 STEEL PLATES FOR BOILERS

Designation	Chemical Composition c max	Si max	P max	S max	Tensile Test Tensile strength Mpa	Yield Strength Mpa	Elongation Test Piece	%min
IS 2002-1	0.18	0.10-0.35	0.040	0.040	362-442	540	$5.65\sqrt{Sc}$ $4\sqrt{Sc}$	26 30
IS 2002-2A	0.20	0.10-0.35	0.050	00.50	412-491	491	$5.60\sqrt{Sc}$ $4\sqrt{Sc}$	25 29
IS 2002-2B	0.22	0.10-0.35	0.050	0.050	510-608	491	$5.65\sqrt{Sc}$ $4\sqrt{Sc}$	20 24

Formula - Weight of Stainless Steel Sheets/Plates = Length (mm) x Width (mm) x Thickness (mm) x 7.86 = Kg./Sheet.

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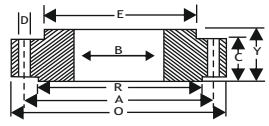
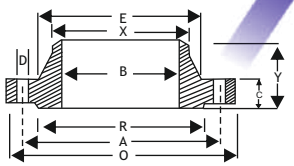
BOM INDIA FORGE & FITTINGS

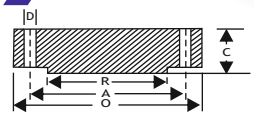
FLANGES CLASS 150 & 300



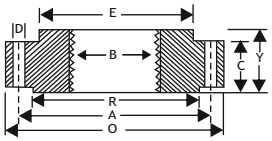
SLIP-ON FLANGE



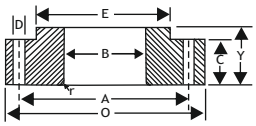
WELDING NECK FLANGE



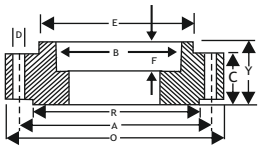
BLIND FLANGE



THREADED FLANGE



LAP JOINT FLANGE



SOCKET WELD FLANGE

DIMENSIONS OF CLASS 150 FLANGES AS PER B16.5

Nominal Pipe Size	Flange Dia	Dia of Bolt Circle	No. Of Bolt Holes	No. Of Holes	Thk of Flange	Dia of Hub	Length through Hub			Dia Bore		Dia of R/F	Depth of Socket	Pipe Dia
							S / O & S / W	W/N	L/J	S/O & S/W	L/J			
	O	A	D		C	E	Y	Y	Y	B	B	R	F	X
15	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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

DIMENSIONS OF CLASS 300 FLANGES AS PER B16.5

Nominal Pipe Size	Flange Dia	Dia of Bolt Circle	No. Of Bolt Holes	No. Of Holes	Thk of Flange	Dia of Hub	Length through Hub			Dia Bore		Dia of R/F	Depth of Socket	Pipe Dia
							S / O & S / W	W/N	L/J	S/O & S/W	L/J			
	O	A	D		C	E	Y	Y	Y	B	B	R	F	X
15	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	711.2	628.5	34.9	24	60.3	533.4	88.9	158.7	130.2	461.8	462.3	533.4	-	457.20
500	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	914.4	812.8	41.3	24	69.8	701.7	106.4	168.3	152.4	615.9	615.9	692.1	-	609.60

Metric values are direct conversion from Inches table of B16.5
Flanges except Lap Joint will be furnished with (1.6 mm) raised face, Which is included in " Thickness" (C) and Length Through Hub (Y).

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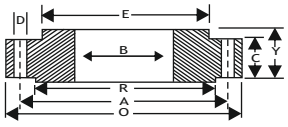
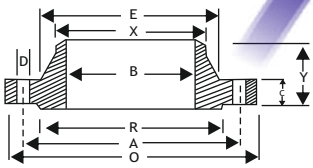
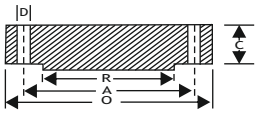
FLANGES CLASS 600 & 900



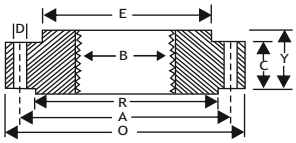
SLIP-ON FLANGE



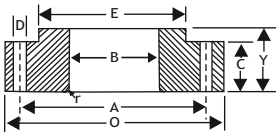
WELDING NECK FLANGE



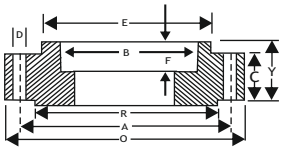
BLIND FLANGE



THREADED FLANGE



LAP JOINT FLANGE



SOCKET WELD FLANGE

DIMENSIONS OF CLASS 600 FLANGES AS PER B 16.5

Nominal Pipe Size	Flange Dia	Dia of Bolt Circle	No. of Bolt Holes	No. of Holes	Thk of Flange	Dia of Hub	Length through Hub			Dia Bore		Dia of R/F	Depth of Socket	Pipe Dia
							S / O & S / W	W/N	L/J	S/O & S/W	L/J			
	O	A	D		C	E	Y	Y	Y	B	B	R	F	X
15	95.2	66.7	15.9	4	14.3	38.1	22.2	52.4	22.3	22.3	22.8	34.9	9.5	21.33
20	117.5	82.5	19.0	4	15.9	47.6	25.4	57.1	25.4	27.7	28.1	42.9	11.1	26.67
25	123.8	88.9	19.0	4	17.5	54.0	27.0	61.9	26.9	34.5	35.0	50.8	12.7	33.40
32	133.3	98.4	19.0	4	20.6	63.5	28.6	66.7	28.4	43.2	43.6	63.5	14.2	42.16
40	155.6	114.3	22.2	4	22.2	69.8	31.7	69.8	31.7	49.5	50.0	73.0	15.8	48.26
50	165.1	127.0	19.0	8	25.4	84.1	36.5	73.0	36.5	62.0	62.4	92.1	17.4	60.31
65	190.5	149.2	22.2	8	28.6	100.0	41.3	79.4	41.1	74.7	75.4	104.8	19.0	73.02
80	209.5	168.3	22.2	8	31.8	117.5	46.0	82.5	45.9	90.7	91.4	127.0	-	88.90
100	273.0	215.9	25.4	8	38.1	152.4	54.0	101.6	53.8	116.1	116.8	157.2	-	114.30
125	330.2	266.7	28.6	8	44.4	188.9	60.3	114.3	60.4	143.8	141.5	185.7	-	141.30
150	355.6	292.1	28.6	12	47.6	222.2	66.7	117.5	66.5	170.7	171.4	215.9	-	168.27
200	419.1	349.2	31.7	12	55.6	273.0	76.2	133.3	76.2	221.5	222.2	269.9	-	219.07
250	508.0	431.8	34.9	16	63.5	342.9	85.7	152.4	111.2	276.3	277.3	323.8	-	273.05
300	558.8	488.9	34.9	20	66.7	400.0	92.1	155.6	117.3	327.1	328.1	381.0	-	323.85
350	603.2	527.0	38.1	20	69.9	431.8	93.7	165.1	127.0	359.1	360.1	412.7	-	355.60
400	685.8	603.2	41.3	20	76.2	495.3	106.4	177.8	139.7	410.5	411.2	469.9	-	406.40
450	742.9	654.0	44.4	20	82.6	546.1	117.5	184.1	152.4	461.8	462.2	533.4	-	457.20
500	812.8	723.9	44.4	24	88.9	609.6	127.0	190.5	165.1	513.1	514.3	584.2	-	508.00
600	939.8	838.2	50.8	24	101.6	717.5	139.7	203.2	184.1	615.9	615.9	692.1	-	609.60

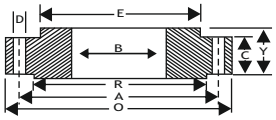
DIMENSIONS OF CLASS 900 FLANGES AS PER B 16.5

Nominal Pipe Size	Flange Dia	Dia of Bolt Circle	Dai Of Bolt Holes	No. Of Holes	Thk of Flange	Dia of Hub	Length through Hub			Dia Bore		Dia of R/F	Depth of Socket	Pipe Dia
							S / O & S / W	W/N	L/J	S/O & S/W	L/J			
	O	A	D		C	E	Y	Y	Y	B	B	R	F	X
15	120.6	82.5	22.2	4	22.2	38.1	31.7	60.3	31.7	22.3	22.8	34.9	9.5	21.33
20	130.2	88.9	22.2	4	25.4	44.4	34.9	69.8	35.0	27.7	28.1	42.9	11.1	26.67
25	149.2	101.6	25.4	4	28.6	52.4	41.3	73.0	41.1	34.5	35.0	50.8	12.7	33.40
32	158.7	111.1	25.4	4	28.6	63.5	41.3	73.0	41.1	43.2	43.6	63.5	14.2	42.16
40	177.8	123.8	28.6	4	31.8	69.8	44.4	82.5	44.4	49.5	50.0	73.0	15.8	48.26
50	215.9	165.1	25.4	8	38.1	104.8	57.1	101.6	57.1	62.0	62.4	92.1	17.4	60.31
65	244.5	190.5	28.6	8	41.3	123.8	63.5	104.8	63.5	74.7	75.4	104.8	19.0	73.02
80	241.3	190.5	25.4	8	38.1	127.0	53.9	101.6	53.8	90.7	91.4	127.0	-	88.90
100	292.1	234.9	31.7	8	44.4	158.7	69.8	114.3	69.8	116.0	116.8	157.1	-	114.30
125	349.2	279.4	35.0	8	50.8	190.5	79.3	127.0	79.2	143.7	114.5	185.7	-	141.30
150	381.0	317.5	31.7	12	55.6	234.9	85.8	139.7	85.8	170.6	171.4	215.9	-	168.27
200	469.9	393.7	38.1	12	63.5	298.4	101.6	162.0	114.3	221.4	222.2	269.8	-	219.07
250	546.1	469.9	38.1	16	69.8	368.3	107.9	184.1	127.0	276.3	277.3	323.8	-	273.05
300	609.6	533.4	38.1	20	79.3	419.1	117.4	200.0	142.7	327.1	328.1	381.0	-	323.85

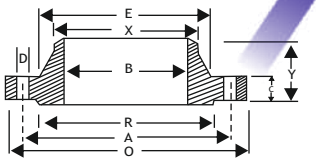
Metric values are direct conversion from Inches table of B16.5
RF Thickness 6.3 mm Extra to be provided (Except Lap Joint Flange & FF Flanges).

BOM INDIA FORGE & FITTINGS

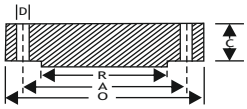
FLANGES CLASS 1500 & 2500



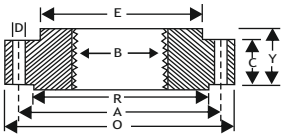
SLIP-ON FLANGE



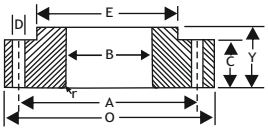
WELDING NECK FLANGE



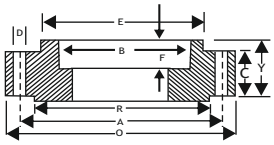
BLIND FLANGE



THREADED FLANGE



LAP JOINT FLANGE



SOCKET WELD FLANGE

DIMENSIONS OF CLASS 1500 FLANGES AS PER B16.5

Nominal Pipe Size	Flange Dia	Dia of Bolt Circle	Dai Of Bolt Holes	No. Of Holes	Thk of Flange	Dia of Hub	Length through Hub			Dia Bore		Dia of R/F	Depth of Socket	Pipe Dia
							S/O & S/W	W/N	L/J	S/O & S/W	L/J			
	O	A	D		C	E	Y	Y	Y	B	B	R	F	X
15	120.6	82.5	22.2	4	22.2	38.1	31.7	60.3	31.7	22.3	22.8	34.9	9.5	21.33
20	130.2	88.9	22.2	4	25.4	44.4	34.9	69.8	34.9	27.7	28.1	42.9	11.1	26.67
25	149.2	101.6	25.4	4	28.6	52.4	41.3	73.0	41.3	34.5	35.0	50.8	12.7	33.40
32	158.7	111.1	25.4	4	28.6	63.5	41.3	73.0	41.3	43.2	43.6	63.5	14.2	42.16
40	177.8	123.8	28.6	4	31.8	69.8	44.4	82.5	44.4	49.5	50.0	73.0	15.8	48.26
50	215.9	165.1	25.4	8	38.1	104.8	57.1	101.6	57.1	62.0	62.0	92.1	17.4	60.31
65	244.5	190.5	28.6	8	41.3	123.8	63.5	104.8	63.5	74.7	75.4	104.8	19.0	73.02
80	266.7	203.2	31.7	8	47.6	133.3	73.0	117.5	73.0	90.7	91.4	127.0	-	88.90
100	311.1	241.3	34.9	8	54.0	161.9	90.5	123.0	90.4	116.1	116.8	157.2	-	114.30
125	374.6	292.1	41.3	8	73.0	196.8	104.8	155.6	104.8	143.8	144.5	185.7	-	141.30
150	393.7	317.5	38.1	12	82.6	228.6	119.1	171.4	119.1	170.7	171.4	215.9	-	168.27
200	482.6	393.7	44.4	12	92.1	292.1	142.9	212.7	142.8	221.5	222.2	269.9	-	219.07
250	584.2	482.6	50.8	12	107.9	368.3	158.7	254.0	177.8	276.3	277.3	323.8	-	273.05
300	673.1	571.5	54.0	16	123.8	450.8	181.0	285.5	218.9	327.1	328.1	381.0	-	323.85

DIMENSIONS OF CLASS 2500 FLANGES AS PER B16.5

Nominal Pipe Size	Flange Dia	Dia of Bolt Circle	Dai Of Bolt Holes	No. Of Holes	Thk of Flange	Dia of Hub	Length through Hub			Dia Bore		Dia of R/F	Depth of Socket	Pipe Dia
							S/O & S/W	W/N	L/J	S/O & S/W	L/J			
	O	A	D		C	E	Y	Y	Y	B	B	R	F	X
15	133.3	88.9	22.2	4	30.2	42.9	39.7	73.0	39.7	22.3	22.3	34.9	-	21.33
20	139.7	95.2	22.2	4	31.7	50.8	42.9	79.4	42.9	27.7	27.7	42.9	-	26.67
25	158.7	107.9	25.4	4	34.9	57.1	47.7	88.9	47.7	34.5	34.5	50.8	-	33.40
32	184.1	130.2	28.6	4	38.1	73.0	52.4	95.2	52.4	43.2	43.2	63.5	-	42.16
40	203.2	146.0	31.7	4	44.4	79.4	60.3	111.1	60.3	49.5	49.5	73.0	-	48.26
50	234.9	171.4	28.6	8	50.8	95.2	69.8	127.0	69.8	62.4	62.0	92.1	-	60.31
65	266.7	196.8	31.7	8	57.1	114.3	79.4	142.9	79.4	74.7	74.7	104.8	-	73.02
80	304.8	228.6	34.9	8	66.7	133.3	92.1	168.3	92.1	90.7	90.7	127.0	-	88.90
100	355.6	273.0	41.3	8	76.2	165.1	107.9	190.5	107.9	116.1	116.1	157.2	-	114.30
125	419.1	323.8	47.6	8	92.1	203.2	130.0	228.6	130.0	143.8	143.8	185.7	-	141.30
150	482.6	368.3	54.0	8	107.9	234.9	152.4	273.0	152.4	170.7	170.7	215.9	-	168.27
200	552.4	438.1	54.0	12	127.0	304.8	177.8	317.5	177.8	221.5	221.5	269.9	-	219.07
250	673.1	539.7	66.7	12	165.1	374.6	228.6	419.1	228.6	276.3	276.3	323.8	-	273.05
300	762.0	619.1	73.0	12	184.1	441.3	254.0	463.5	254.0	327.1	327.1	381.0	-	323.85

Metric values are direct conversion from Inches table of B16.5 RF Thickness 6.3 mm Extra to be provided (Except Lap Joint Flange & FF Flanges).

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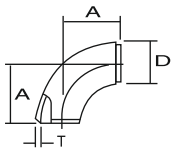
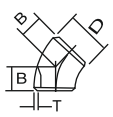
BUTT WELD FITTING

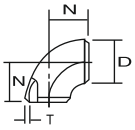
BUTT WELDING PIPE FITTING DIMENSIONAL STANDARD ANSI B-16.9, B-16.28



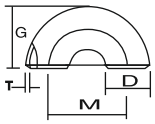
90°Elbow long radius



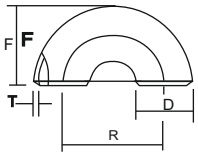
45°Elbow



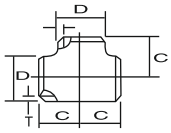
90°Elbow short radius



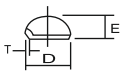
180°Return short radius



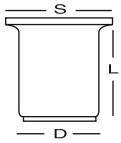
180°Return long radius



Tee equal

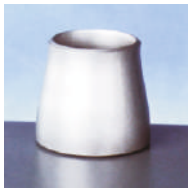


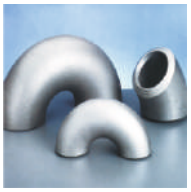
Cap



Stubend

Nominal Pipe Size		Outside Diameter	Center to Face				Back to Face			Center to Center			Length 'L'	
													MSS SP43	B16.9
Inch.	mm	D	A	B	C	N	E	F	G	R	M	S	L	L
1/2	15	21.3	38.00	16.0	25.0	_	25.0	48.0	_	76.0		35.0	50.8	76.2
3/4	20	26.7	29.00	11.0	29.0	_	25.0	43.0	_	57.0		43.0	50.8	76.2
1	25	33.4	38.00	22.0	38.0	25.0	38.0	56.0	41.0	76.0	51.0	51.0	50.8	101.6
1.1/4	32	42.2	48.00	25.0	48.0	32.0	38.0	70.0	52.0	95.0	64.0	64.0	50.8	101.6
1.1/2	40	48.3	57.15	29.0	57.0	38.0	38.0	83.0	62.0	114.0	76.0	73.0	50.8	101.6
2	50	60.3	76.00	35.0	64.0	51.0	38.0	106.0	81.0	152.0	102.0	93.0	63.5	152.4
2.1/2	65	73	95.25	44.0	76.0	64.0	38.0	132.0	100.0	191.0	127.0	105.0	63.5	152.4
3	80	88.9	114.30	51.0	86.0	76.0	51.0	159.0	121.0	229.0	152.0	127.0	63.5	152.4
3.1/2	90	1016	133.35	57.0	95.0	89.0	64.0	184.0	140.0	267.0	178.0	140.0	76.2	152.4
4	100	114.3	152.0	63.0	105.0	102.0	64.0	210.0	159.0	305.0	203.0	157.0	76.2	152.4
5	125	141.3	190.0	79.0	123.0	127.0	76.0	262.0	197.0	381.0	254.0	186.0	76.2	203.2
6	150	168.3	229.0	95.0	143.0	152.0	89.0	313.0	237.0	457.0	305.0	216.0	88.9	203.2
8	200	219.1	305.0	127.0	178.0	203.0	102.0	414.0	313.0	610.0	406.0	270.0	101.6	203.2
10	250	273.1	381.0	159.0	216.0	254.0	127.0	515.0	391.0	762.0	508.0	324.0	127	254
12	300	323.9	457.0	190.0	254.0	303.0	152.0	619.0	467.0	914.0	610.0	381.0	152.4	254
14	350	355.6	533.0	222.0	279.0	356.0	165.0	711.0	533.0	1067.0	711.0	413.0	152.4	305.0
16	400	406.4	610.0	254.0	305.0	406.0	178.0	813.0	610.0	1219.0	813.0	470.0	152.4	305.0
18	450	457.2	686.0	286.0	343.0	457.0	203.0	914.0	686.0	1372.0	914.0	533.0	152.4	305.0
20	500	508	762.0	318.0	381.0	508.0	229.0	1016.0	762.0	1524.0	1016.0	584.0	152.4	305.0
22	550	559	838.0	343.0	419.0	559.0	254.0	1118.0	838.0	1676.0	1118.0	614.4	152.4	305.0
24	600	610	914.0	381.0	432.0	610.0	267.0	1219.0	914.0	1829.0	1219.0	692.0	152.4	305.0
26	650	660	991.0	406.0	495.0	660.0	267.0							
28	700	711	1067.0	438.0	521.0	771.0	267.0							
30	750	762	1143.0	470.0	589.0	762.0	267.0							
32	800	813	1219.0	502.0	597.0	813.0	267.0							
34	850	864	1295.0	533.0	635.0	864.0	267.0							
36	900	914	1372.0	565.0	673.0	914.0	267.0							





T = Wall Thickness

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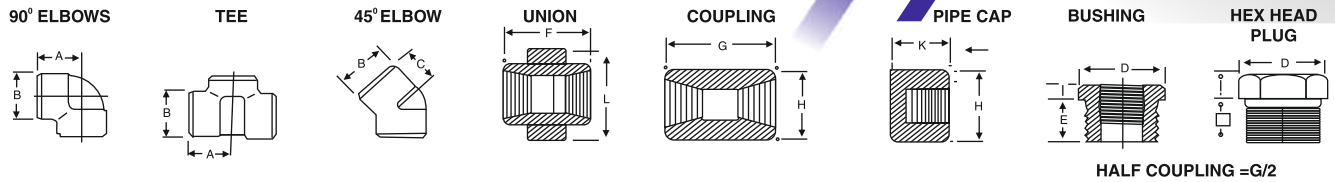
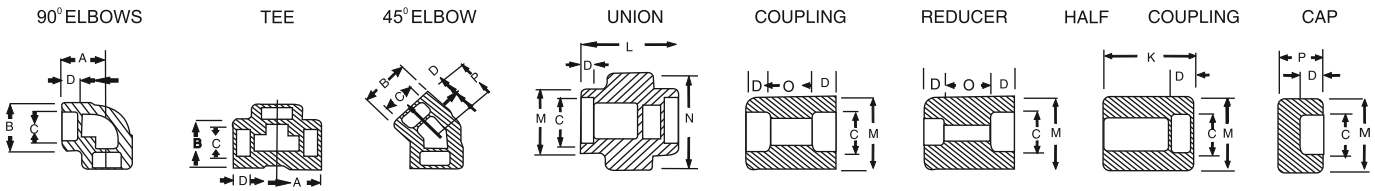
FORGED SCREWED & SOCKET WELD



DIMENSION IN MM OF FORGED SCREWED FITTINGS TO ANSI B-16.11 THREADED TO ASA B 2.1

NOM	PIPE	3000 L.B.S.						COMMON FACTORS						6000 L.B.S					
BORE	O.D.	A	B	C	G	H	K	D	E	F	I	J	L	A	B	C	G	H	K
1/8"	10.3	21	22	17	32	16	19	11	10	40	-	6	-	25	25	19	32	22	-
1/4"	13.7	25	25	19	35	19	25	16	11	43	3	6	32	29	33	22	35	25	27
3/8"	17.2	29	33	22	38	22	25	17.5	13	48	4	8	38	33	38	25	38	32	27
1/2"	21.3	33	38	25	48	29	32	22	15	51	5	8	46	38	46	29	48	38	33
3/4"	26.7	38	46	29	51	35	37	27	16	57	6	10	51	44	56	33	51	44	38
1"	33.4	44	56	33	60	44	41	35	19	64	6	10	60	51	62	35	60	57	43
1 1/4"	42.2	51	62	35	67	57	44	44.5	21	70	7	14	72	60	75	43	67	64	46
1 1'2"	48.3	60	75	43	79	64	44	51	21	79	8	16	80	64	84	44	79	76	48
2"	60.3	64	84	45	86	76	48	63.5	22	88	9	17	94	83	102	52	86	92	51
2 1/2"	73.02	83	102	52	92	92	60	76	27	118	10	21	122	95	121	64	92	108	64
3"	89.0	95	121	64	108	108	65	89	29	121	10	25	140	106	146	79	108	127	68
4"	114.5	114	152	79	121	140	68	117.5	32	150	13	25	180	114	152	79	121	159	75



SOCKET WELD FITTING TO ANSI B-16.11

NOM	PIPE	3000 L.B.S.						COMMON FACTORS						6000 L.B.S					
BORE	O.D.	A	B	K	J	L	M	N	P	Q	C	D	O	O	A	B	M	K	N
1/8"	10.3	22	18.5	26	16	40	17.3	32	17.5	10	10.7	10	5	8	22	22	20	25	46
1/4"	13.7	22	22	26	18	43	21.2	32	17.5	10	14.1	10	5	8	27	25	24	25	51
3/8"	17.2	25	25	26	19	48	25.4	36	19	10	17.6	10	3	9	27	28	28	26	60
1/2"	21.3	27	32	30	21	51	31	43	22	10	21.7	10	6	13	31	34	34	31	72
3/4"	26.7	34	38	36	24	57	37	50	25	13	27	13	6	13	37	42	41	35	80
1"	33.4	37	46	40	25	64	45.2	60	27	13	33.8	13	9	17	42	50	50	40	94
1 1/4"	42.2	42	56	40	29	70	55	70	30	13	42.6	13	9	17	47	59	58	41	100
1 1'2"	48.3	47	62	40	30	79	61.4	78	32	13	48.7	13	9	17	53	67	66	43	122
2"	60.3	56	75	52	37	89	75	95	38	13	61.2	16	15	23	59	84	83	55	
2 1/2"	73.02	60	92	52	48	114	91.3	125	38	16	73.8	16	14	24		102		56	
3"	89.00	76	110	52	51	127	108.8	140	44	16	89.8	16	14	24		121		58	
4"	114.50	88	137	58		150	136.9		48	19	115.5	19	14	24		152		64	

DIMENSIONS AND OTHERS SPECIFICATIONS AS PER CUSTOMERS REQUIREMENTS ARE AVAILABLE ON REQUEST

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BOM INDIA FORGE & FITTINGS

SHEETS

Our firm is a responsive company based on principle of uncompromising commitment to excellence in our products and services. We have good source for Imported & Indian Sheets, Coils, Plates, etc. and maintain healthy stocks to meet our customer's immediate requirements. We also supply designer sheets, flats, circles, angles, channels and any other shapes as per our customer's need.

Product Range

	ITEMS	RANGE	FINISH
(1)	S .S. SHEETS	0.5 mm to 4 mm (thick)	HR, CR, BA, MATT
(2)	S. S. COILS	0.2 mm to 20 mm (thick)	HR, CR, BA, MATT
(3)	S. S. PLATES	5 mm to 50 mm (thick)	HR, CR
(4)	S. S. FOILS	0.1 mm to 0.3 mm (thick)	HR, CR, BA, MATT
(5)	S. S. FLATS	20 mm to 100 mm (width) 5 mm to 25 mm (thick)	HR
(6)	S. S. ANGLES	20 mm to 100 mm (width)	HR
(7)	S. S. CIRCLES	0.5 mm to 50 mm (thick)	HR, CR
(8)	S. S. DESIGNER SHEETS	1 mm to 4 mm (thick)	Various Design

Weight Chart for Flat Bars

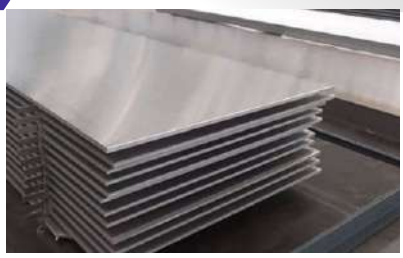
Flat Bars		Flat Bars	
mm Flat	kg/m	mm Flat	kg/m
20 x 5	0.80	50 x 5	2.00
20 x 8	1.28	50 x 6	2.40
20 x 10	1.57	50 x 8	3.20
20 x 12	1.92	50 x 10	4.01
20 x 15	2.41	50 x 12	4.80
30 x 5	1.20	50 x 15	6.00
30 x 6	1.44	50 x 20	8.00
30 x 8	1.92	50 x 30	12.00
30 x 10	2.41	60 x 6	2.88
30 x 15	3.60	60 x 8	3.84
30 x 20	4.80	60 x 10	4.80
40 x 4	1.28	60 x 12	5.76
40 x 5	1.60	60 x 15	7.21
40 x 6	1.92	60 x 20	9.60
40 x 8	2.56	70 x 8	4.48
40 x 10	3.20	70 x 10	5.60
40 x 20	6.40	-	-
40 x 25	8.00	-	-

Weight Chart for Flat Bars

U.S.A/Gross Brifainne in Kg./per sheet	U.S.A/Gross BRETAGNE			U.S.A/Gross Britain in Kg./per m2	
Thickness in mm	Size in mm			Thickness in mm	Weight Kg./m2
	2000x1000	2500x1250	3000x1500		
0.50	8.00	12.50	-	0.50	4.00
0.56	8.96	14.00	-	0.56	4.43
0.63	10.08	15.75	-	0.63	5.04
0.75	12.00	18.75	-	0.75	6.00
0.88	14.08	22.00	-	0.88	7.04
1.00	16.00	25.00	-	1.00	8.00
1.13	18.08	28.25	-	1.13	9.04
1.25	20.00	31.25	-	1.25	10.00
1.38	22.00	34.50	-	1.38	11.04
1.50	24.00	37.50	54.00	1.50	12.00
1.75	28.00	43.75	63.00	1.75	14.00
2.00	32.00	50.00	72.00	2.00	16.00
2.25	36.00	56.25	81.00	2.25	18.00
2.50	40.00	62.50	90.00	2.50	20.00
2.75	44.00	68.75	99.00	2.75	22.00
3.00	48.00	75.00	108.00	3.00	24.00
3.25	52.00	81.25	117.00	3.25	26.00
3.75	60.00	93.75	135.00	3.75	30.00
4.00	64.00	100.00	144.00	4.00	32.00
4.25	68.00	106.25	153.00	4.25	34.00
4.50	72.00	112.50	162.00	4.50	36.00
5.00	80.00	125.00	180.00	5.00	40.00
5.50	88.00	137.50	198.00	5.50	44.00
6.00	96.00	150.00	216.00	6.00	48.00
6.50	104.00	162.50	234.00	6.50	52.00
7.00	112.00	175.00	252.00	7.00	56.00
7.50	120.00	187.50	270.00	7.50	60.00
8.00	128.00	200.00	288.00	8.00	64.00

BOM INDIA FORGE & FITTINGS

NICKEL BASE ALLOYS



(NICKEL BASE ALLOYS) GUIDE TO APPLICATIONS

NICKEL 200	Commercial pure wrought Nickel for the construction of chemical plant.
NICKEL 201	A law-carbon grade of nickel free from the stress-corrosion cracking associated with graphitisation in chemical plant operating at temperature above 300^{o}c, e.g. castic soda plant
NICKEL 205	A high-purity nickel for anodas, plants and grids of electronic valves and for magnetostrictive transducers.
NICKEL 212	Slightly stiffer than pure nickel. Used for electrode support wires in radio valves and tungsten filament lamps.
NICKEL 222	A high-purity nickel for the sleeves of indirectly heated, oxide-coated cathode in radio valves.
NICKEL 270	A high-purity nickel with a minimum temperature - coefficient of resistant of 0.006^{o}C over the range 0.100^{o}C. Made by the powder metallurgy process. Used for components of special valves such as hydrogen thyratons and electric resistance thermometer and controls.
MONEL alloy 400	A general engineering alloy with good resistance to corrosion by sea water, sulphuric, hydro-chloric and phosphoric acids, pharmaceutical products, ammonium sulphate, fatty acids, etc. It retains its strength and toughness up to about 450^{o}C and is used for chemical stream and petroleum plant, marine and picking equipment.
MONEL alloy K-500	An alloy with similar corrosion-resistance to MONEL alloy 400 but amenable to precipitation hardening to give high strength. Used for propeller and pump shafts, bolts, doctor blades and valve spindles.
Cast Monel Alloys	Cast alloy pig supplied for foundry addition to silicon. For corrosion - resistance castings.
Inconel alloy 600	This alloy has excellent mechanical properties and oxidation- resistance at high temperatures. It is used for furnace parts, heart-treatment equipment, heating element sheeting in nuclear engineering and in the construction of chemical plants.
Inconel alloy 625	An alloy with high strength and toughness from cryogenic temperatures to 1100^{o}C in addition to good oxidation-resistance, it resist attack by other media and is virtually immune to chloride - stress - corrosion cracking. It is used aerospace and is being evaluated for chemical and marine engineering.
Inconel alloy 825	This products resist corrosion by acids and alkalies in either reducing or oxidising condition. It is resistant to stress - corrosion cracking and pitting and used for chemical plant and picking plant. A nickel iron cobalt alloy combining a low coefficient of expansion and higher inflexion temperature with higher strength than is usual in this composition range It is being evaluated for such application as diesel engine piston crosn compensating members in gas turbine engines and controlled clearance rotating machinery parts.
Incoloy alloy DS	A general purpose heat resisting alloy with particular resistance to carburisation and alternating carburisation and oxidation. It is used for furnace parts, heat treatment and vitreous enmelling equipment.

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BOM INDIA FORGE & FITTINGS

CHEMICAL COMPOSITION OF NICKEL ALLOYS

CHEMICAL ANALYSIS

Grades Name	Ni min	Co max	Cr	Mo	W	Fe max	Si max	Mn max	C max	Cu max	Al max	Ti max	S max	P max
Nickel 200	99.0	-	-	-	-	0.4	0.35	0.35	0.01	0.25	-	-	0.01	-
Nickel 201	99.0	-	-	-	-	0.4	0.35	0.35	0.02	0.25	-	-	0.01	-
Monel 400	63.0	-	-	-	-	2.5	0.5	2.0	0.30	28-34	-	-	0.024	-
Monel K500	63.0	-	-	-	-	2.0	0.5	1.5	0.25	27-33	2.3-3.2	0.4-0.9	0.01	-
Inconel 600	72.0	-	14-17	-	-	6-10	0.5	1.0	0.15	0.5	-	-	0.015	-
Inconel 601	58-63	-	21-25	-	-	Rest	0.5	1.0	0.10	1.0	1.0-1.7	-	0.015	-
Inconel 625[1]	58.0	1.0	20-23	8-10	-	5.0	0.5	0.5	0.10	-	0.4	0.4	0.015	0.015
Incoloy 800	30-35	-	19-23.5	-	-	Rest	1.0	1.5	0.10	0.75	0.15-0.6	0.15-0.6	0.015	-
Incoloy 800H	30-35	-	19-23.5	-	-	Rest	1.0	1.5	0.05-0.1	0.75	0.15-0.6	0.15-0.6	0.015	-
Incoloy 825	38-46	-	19-23.5	2.5-3.5	-	Rest	0.5	1.0	0.05	1.5-3	0.2	0.5-1.2	0.03	-
Hastalloy B-2	Rest	1.0	1.0	26-30	-	2.0	0.10	1.0	0.02	-	-	-	0.03	0.04
Hastalloy C276[2]	Rest	2.5	14-16.5	15-17	3-4.5	4-7	0.08	1.0	0.01	-	-	-	0.03	0.04
Hastalloy C-4	Rest	2.0	14-18	14-17	-	3.0	0.08	1.0	0.015	-	-	0.7	0.03	0.04
Hastalloy G3[3]	Rest	5.0	21-23.5	6-8	1.5	18-21	1.0	1.0	0.015	1.5-2.5	-	-	0.03	-
Incolloy DS	34.5-4	17-19	-	-	-	Rest	1.9-2.6	0.8-1.5	0.1	0.5	-	0.2	0.03	-
Alloy 20[4]	32-38	-	19-21	2-3	-	Rest	1.0	2.0	0.07	3-4	-	-	0.035	0.045

[1]NB/Ta 3.15-4.15 [2]V0.35 [3]Nb/Ta 0.5 max, Mb 6.8, Ph 0.04 [4]Cb&Ta8xc min. 1.0 max

PHYSICAL AND MECHANICAL PROPERTIES

Nickel	Density Kg./mm^2	Melting range C	Special heat at 20^{0}C J/kg C	Thermal Conductivity at 20^{0}C W/m C	Thermal expansion 10-c/C 20-95^{0}C	Electrical resistivity at 20^{0}C Mocrohm cm	Tensile Strength N/mm^3	Hardness HV
Nickel 200	8.89	1435-1445	456	74.9	74.9	9.5	380-550	90-120
Nickel 201	8.89	1435-1445	456	79.2	79.2	7.6	340-420	75-100
Nickel 205	8.89	1435-1445	456	74.9	74.9	9.5	340	77
Nickel 212	8.89	1435-1445	430	44.1	44.1	10.9	476	144
Nickel 222	8.89	1435-1445	456	74.9	74.9	8.8	340	77
Nickel 270	8.89	1435-1445	460	85.7	85.7	7.5	340	80
MONEL alloy 400	8.83	1300-1350	419	21.7	14.1	51.0	480-620	111-151
MONEL alloy K500	8.46	1315-1350	419	17.4	13.7	61.4	620-760	141-189
INCONEL alloy 600	8.83	1370-1425	461	14.8	13.3	103	550-690	121-173
INCONEL alloy 625	8.46	1290-1350	410	9.8	12.8	129	830-1040	146-247
INCOLOY alloy 800	7.95	1355-1385	502	11.7	14.2	99	520-700	121-188
INCOLOY alloy 825	8.14	1370-1400	441	10.9	14.0	113	590-730	121-183
INCOLOY alloy 904	8.12	-	442	14.9	4.6	72	923	-
INCOLOY alloy DS	7.92	1330-1400	452	12.0	14.1	108	680	208

BOM INDIA FORGE & FITTINGS

FASTENERS

Range : M6 TO M200 (1/2" DIA TO 8" DIA)

Materials : Stainless Steel, High Tensile, Nickel, Copper Nickel, Monel, Inconel, Hastelloy, Titanium, Copper.

Packing : Superior Quality Polythene Bag and Standard Wooden Box.

Types :

- Hex Bolts
- Stud Bolts
- Hex Nuts
- Nuts
- Lock Nuts
- Nylock Nuts
- J-Bolts
- U-Bolts
- T-Head Bolts
- Eye Bolts
- Tie Bolts
- Square Bolts
- Friction Grip Bolts
- Foundation Bolts
- Screws
- Machined Screws
- CSK Screws
- Wing Screws
- Washers
- Star Washers
- Plain Washers
- Spring Washers
- Machined Washers
- As per drawing & Customer Specification

Stainless Steel

Standard : ASTM A193 Gr. B8 / A320 GE-B8 / A193 GR-B8M / A320 GE-B8M / A479

Grades : F304, 304L, 304H, 309S, 309H, 310S, 310H, 316, 316Ti, 316H, 316L, 316LN, 317, 317L, 321, 321H, 347, 347H, 904L.

Duplex Steel

Standard : F44, F45, F51, F53, F55

Grades : UNS NO. S 31803, S 32205, S 32550, S 32750, S 32755, S32760.

Carbon Steel & Mild Steel

Standard : ASTM A307 Gr. A & B / A516 - A517 Gr. 60 & 70 / IS 2062 & IS 2002

Alloy Steel

Standard : ASTM A193 Gr. B6, B7, B7M, B8C (B8, B8M, B8T - CLASS 1 & 2) | ASTM A320 Gr. L7, L7M, L43

ASTM A194 Gr. 2H, 2HM, 4, 7, 8, 8M, 8A, 8T, 8C | ASTM A45 3 Gr. 660A, 660B, 660D

ASTM A182 - A276 - A479 Gr. 31803, 32760, SA, FG, FLT.

Nickel Alloy

Standard : ASTM / ASME SB160, SB164, SB164, SB425, SB166, SB446, SB574, SB472.

Grades : UNS 2200 (NICKEL 200), UNS 2201 (NICKEL 201), UNS 4400 (MONEL 400), UNS 8825 (INCONEL 825), UNS 6600 (INCONEL 600), UNS 6601 (INCONEL 601), UNS 6625 (INCONEL 625), UNS 10276 (HASTELLOY C276), UNS 8020 (ALLOY 20/20 Cb3)

Copper Alloy

Grades : UNS NO. C 92200, UNS NO. C83600, UNS NO. C 70600, 71500 (CU-NI-90/10), C 71500 (CU-NI-70/30) UNS NO. C 10100, C 10200, C 10300, C 10800, C 12000, C 12200.

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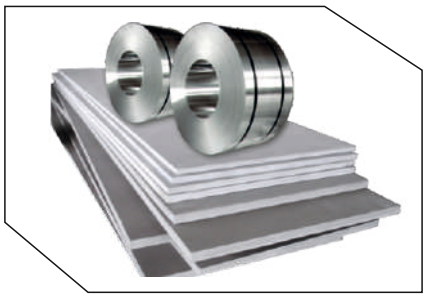
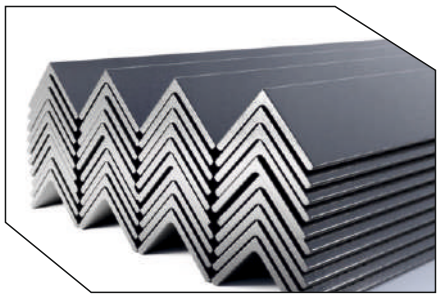
BOM INDIA FORGE & FITTINGS

OUR PRODUCTS











BOM INDIA FORGE & FITTINGS

CERTIFICATES

Government of India
Form GST REG-06
[See Rule 10(1)]

Registration Certificate

Registration Number : 27AFXPP8803N1ZS

1.	**Legal Name**	JAGAMALARAM HKMARAM PATEL			
2.	**Trade Name, if any**	BOM INDIA FORGE & FITTINGS			
3.	**Constitution of Business**	Proprietorship			
4.	**Address of Principal Place of Business**	SHANKAR MARWADI CHAWL, SHOP NO 4, BLDG NO 10/12, FALKLAND ROAD, 4TH LANE, KHETWADI, GIRGAON, MUMBAI, Mumbai City, Maharashtra, 400004			
5.	**Date of Liability**	01/07/2017			
6.	**Period of Validity**	From	01/07/2017	To	NA
7.	**Type of Registration**	Regular			
8.	**Particulars of Approving Authority**				

Signature

Signature valid
Digitally signed by GOODS AND SERVICES TAX NETWORK-1
Date: 2018.07.19 17:52:07 IST

Name	
Designation	
Jurisdictional Office	
9. Date of issue of Certificate	19/07/2018

Note: The registration certificate is required to be prominently displayed at all places of business in the State.

This is a system generated digitally signed Registration Certificate issued based on the deemed approval of application on 01/07/2017.

Government of India / भारत सरकार
Ministry of Commerce and Industry / वाणिज्य और उद्योग मंत्रालय
Directorate General of Foreign Trade / विदेश व्यापार महानिदेशालय
Office of the Additional Director General of Foreign Trade, Mumbai
CGO Office, New Building, SE wing, New Marine Lines , Churchgate, MUMBAI, MAHARASHTRA, 400020 / सीजीओ कार्यालय, न्यू बिल्डिंग, एसई विंग, न्यू मरीन लाइन्स, चर्चगेट, मुंबई, मुंबई, महाराष्ट्र, 400020

Importer-Exporter Code

This is to certify that **BOM INDIA FORGE & FITTINGS** is issued an Importer-Exporter Code (IEC) **APXPP8803N** with details as follows -

IEC	APXPP8803N
पैन/ खाता सं.(पैन) /PAN	APXPP8803N
फर्म का नाम/Firm Name	BOM INDIA FORGE & FITTINGS
चिंता की प्रकृति /Nature of Concern	Proprietorship
जारी करने की तारीख/Date of Issue	20/04/2026
पता/Registered Address	SHOP NO. 4, GROUND FLOOR, BUILDING 10/12 S.M. CHAWL, 4TH COSS LANE, KHETWADI BACK ROAD, Mumbai, MUMBAI, MAHARASHTRA, 400004
धारक का नाम / Name of the Signatory	Jagamalram Patel
Director / Partner Details	Refer online at https://dgft.gov.in or scan the QR Code
शाखा/इकाई /Branch Details	Refer online at https://dgft.gov.in or scan the QR Code

Last Modified : 20/04/2026
File Number : MUMIECPAPPLY00007773AM27

QUALITY MANAGEMENT SYSTEM

Certificate of Registration

ROHS

This is to Certify That The Quality Management System of

BOM INDIA FORGE & FITTINGS

SHOP NO. 4, GROUND FLOOR, BUILDING 10/12 S.M. CHAWL, 4TH COSS LANE, KHETWADI BACK ROAD, MUMBAI 400004, MAHARASHTRA, INDIA.

Factory address: PLOT NO. 6/B, PRAKASH INDUSTRIAL PARK SURVEY NO. 43, VAVANDE TALUKA DIST. RAIGAD, 410208, MAHARASHTRA, INDIA.

has been assessed and found to conform to the requirements of

ISO 9001:2015

for the following scope :

MANUFACTURING OF FLANGES, FITTINGS & FASTENERS AND EXPORT, STOCKIST & SUPPLY OF PIPES TUBES, ALLOY STEEL PIPES, NICKEL ALLOY PIPES, FERROUS & NON-FERROUS METAL, STAINLESS STEEL PIPES AND TUBES, CARBON STEEL PIPES.

Certificate No	26DQP'W69		
Initial Registration Date	: 22/04/2026	Issuance Date	: 22/04/2026
Date of Expiry*	: 21/04/2029		
1st Surve. Due	22/03/2027	2nd Surve. Due	22/03/2028

DIRECTOR
ROHS Certification Pvt. Ltd.

IAF

CB-QMS-455

BOM INDIA FORGE & FITTINGS
AN ISO- 9001-2008 CERTIFIED COMPANY

QUALITY POLICY

At BOM INDIA FORGE & FITTINGS, we are dedicated to deliver high quality & precise engineering and fabrication services that meet or exceed the expectations of our customers. We are committed to the continual improvement of our process.

Our Quality Policy is centered around the following principles:

Customer Satisfaction: We strive to fully understand and address the needs and expectations of our customers, ensuring that all our products and services meet the highest standards of quality and reliability.

Commitment to Quality: We are dedicated to maintain an effective Quality Management System (QMS) that ensures the consistent delivery of quality products, services, and solutions.

Continuous Improvement: We foster a culture of continuous improvement, encouraging innovation, and proactively seeking opportunities to enhance the efficiency, effectiveness, and safety of our processes and services.

Employee Engagement: We believe that quality is driven by the dedication and skills of our employees. We are committed to providing training, resources, and an environment that empowers our team to contribute to achieving excellence in all aspects of our work.

Compliance with Requirements: We ensure compliance with all relevant engineering practice and customer-specific requirements to maintain the highest level of product integrity and safety.

Risk Management: We actively identify, assess, and mitigate risks to ensure the sustainability of our operations and the reliability of our services.

Sustainability and Responsibility: We are committed to conducting our business in an environmentally responsible manner, minimizing waste, and reducing our environmental impact while creating value for our customers and the community.

The management team at BOM INDIA FORGE & FITTINGS ensures that this policy is communicated to all employees and reviewed regularly to ensure its continued relevance and effectiveness.

For BOM INDIA FORGE & FITTINGS
Authorised Signatory

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BOM INDIA FORGE & FITTINGS

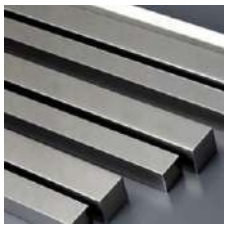
THIRD PARTY INSPECTION

EIL, HGS, P&D, GLC, TUBOSCOPE, VELOSI, MOODY, IRS, BVIS, DNV, J & HG, ABS, TCS, PDIL, TUV, etc.

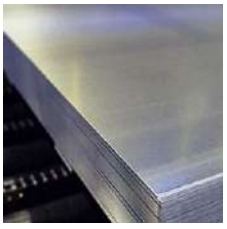
We can also supply all the materials with NABL & Government Approved Labs like :

1) GEO-Chem Lab 2) Metallurgical Services 3) Metallurgical Lab 4) TCR 5) Metal Analysis 6) Elca Lab

FORMULA



1)	WEIGHT OF STAINLESS STEEL PIPES & TUBES OD (mm) - W.T. (mm) x W.T. (mm) x 0.02466 = Kg. per Mtr.
2)	SHEET WIDTH REQUIRED FOR ROLLED AND WELDED PIPES O.D. (mm) - THk (mm) x 3.14 = Sheet Width
3)	WEIGHT OF STAINLESS STEEL SHEETS Length (mtr.) x Width (mtr.) x Thk (mm) x 8 = Kg Per Sheet
4)	WEIGHT OF STAINLESS STEEL CIRCLE & BLANKS O.D. (mm) x O.D.> (mm) x Thk (mm) / 160 / 1000 = Kg Per Pcs.
5)	WEIGHT OF STAINLESS STEEL ROUNDS Dia. (mm) x Dia. (mm) x 0.00623 = Per Mtr.
6)	WEIGHT OF STAINLESS STEEL HEXAGONAL RODS Dia. (mm) x Dia. (mm) x 0.00787 = Kg Per Mtr.
7)	WEIGHT OF STAINLESS STEEL SQUARE RODS Dia. (mm) x Dia. (mm) x 0.00787 = Kg Per Mtr.
8)	WEIGHT OF CARBON STEEL SHEETS - PLATES O.D. (mm) - W.T. (mm) X W.T. (mm) x 0.02466 = Kg. Per Sheet
9)	WEIGHT OF CARBON STEEL PIPES & TUBES Length (mtr.) x Width (mtr.) x Thk (mm) x 7.85 = Kg Per Sheet
10)	WEIGHT OF COPPER PIPES O.D. (mm) - W.T. (mm) x W.T. (mm) x 0.0256 = Kg. Per Mtr.
11)	WEIGHT OF LEAD PIPES (approx.) O.D. (mm) - W.T. (mm) x W.T. (mm) x 0.0345 = Per Mtr.
12)	WEIGHT OF LEAD SHEETS (approx.) Length (mtr.) x Width (mtr.) x Thk (mm) x 11.2 = Kg Per Sheet
13)	WEIGHT OF ALUMINIUM PIPES (approx.) O.D. (mm) - W. T. (mm) x W. T. (mm) x 0.0082 = Kg. Per Mtr.
14)	WEIGHT OF ALUMINIUM SHEETS (approx.) Length (mtr.) x Width (mtr.) x Thk (mm) X 2.66 = Kg Per Sheet



BOM INDIA FORGE & FITTINGS

APPLICATIONS

Petrochemical

Chemical

Smelting

Medical

Paper

Heat Preservation

Oil Processing

Refrigeration

Power / Aerospace

Heat Exchanger

Refinery / Pump

Architectural

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BOM INDIA FORGE & FITTINGS

APPLICATIONS

Hardware / Fastener

Automobile

Brewery

Catering

Parmaceuting

Engineering

Kitchen Trolley

Forging

Textile

Fibre

Fertilizer

Dairy Tank

BOM INDIA FORGE & FITTINGS

Manufacturer, Suppliers & Exporter of : STAINLESS STEEL, CARBON STEEL, ALLOY STEEL, PIPE AND FITTINGS ETC. Ferrous & Non Ferrous Metals.

Corp Address : Building 10/12, S. M. Chawl, Shop No. 4, Ground Floor, 4th Cross Lane, Khetwadi Back Road, Mumbai - 400 004.
Tel.: +91 98920 45377 / 93724 42998
Email : patel@bomindia.com, sales@bomindia.com

Factory : Plot No. 6B, Prakash Industrial Park, Survey No. B3/1/1A Vavanje - Palekhurd Road, Vavanje Taloja, Dist. Raigad - 410 208.

Contact Person : J T PATEL : Mob.: +91 98920 45377 / 93724 42998

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