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॥ SHREE BHAWAL MATAY NAMAH ॥



Laxmi
STAINALLOYS PVT. LTD.
(Since 1972)



Pioneer In Trade Of Stainless Steel

One Stop Solution For All Foundry Materials

We Deliver, The Best Quality





COMPANY PROFILE

LAXMI STAINALLOYS PVT.LTD. is a sister concern group of **LAXMI STEEL (INDIA)** has been in the field of Supplying Stainless Steel & Allied products since 1972 covering a entire range of products applicable in many core industries like, Foundries, Casting Manufactures, Valve Manufactures, Petrochemical, Refineries, Chemical Engineering, Power, Ship Building, Pharmaceuticals, Sugar, Paper & Pulp, Dairies etc.

LAXMI STAINALLOYS PVT.LTD. has been put in more emphasis on Quality & personalized service over the years. This is achieved by maintaining the requirement of the customers and maintaining the quality standards right from raw materials to finished products by our technically efficient team.

Our strength is in understanding the market trends, Selection of products / materials as per the changing needs of the customers. With our integrated fast & efficient global supply chain, we provide customers our alternative, cost competitive &

reliable solution to support their business. This has enabled us to establish long standing partnership with our National & International customers.

All our materials we supply carry Test Certificates and the testing shall be done in Govt. approved laboratory. We can also supply under third party inspection agencies like DNV, PDIL, SGS, ELI,I.B.R., BUREAU VERITAS, LLOYD'S REGISTER ETC.

We hope the information provided is useful to you & will forward us your regular enquiries and requirements & provide us with an opportunity to work with your esteemed organisation.

If you have any suggestion or query, on how we can serve you better please do inform us. Your suggestion are heartily welcomed.

WE SPECIALISE IN STAINLESS STEEL SCRAPs, HIGH NICKEL SCRAPs INDUSTRIAL SCRAPs, FERRO ALLOYS & VIRGIN ALLOYS SCRAPs IN VARIOUS GRADES.

WE DEAL IN :

Stainless Steel, Pipes, Tubes, Sheets, Plates, Fittings, Angles, Flanges and all kind of Ferrous and Non-Ferrous metals.



STAINLESS STEEL SCRAP

IN GRADES LIKE: 304, 304L, 309, 310, 316, 316L, 317L, 409, 410, 410L, 416, 420, 430, 309 (Castings), 310 (Castings), Etc.



DUPLEX STAINLESS STEEL

IN GRADES LIKE: 2304, 2205, /4A (UNS S3 1803), 2507/5A (UNS S32750), ZERON 100 (UNS S32760)Etc.

HIGH NICKEL ALLOYS SCRAPS

IN GRADES LIKE: Inconel: 600, 625, 718, 825, Monel 400& K500, Hastelloy A,B & C, Ni- Chrome 80: 20, Alloy 20, 17-4 ph, 904L, SMO254, Pure Nickel Scrap, Etc.

Nickel & Copper Alloys

70Cu-30i	90Cu-10Ni
R-Monel	K-Monel
Cast Monel	

Nickel & Nickel Alloys

80% Ni-20%CR	Ni100
Alloy 42	Inconel 600
Alloy 452 (PWA 1480)	Inconel 617
B-1900 (PWA 663)	Inconel 625

ALLOY STEEL SCRAPS

IN GRADES LIKE: Alloy Steel Scrap En8, En9, En24, EN36C, ASTM A 182 P5/F5, P9/F9, P11, P12/F12, P22/F22, P91/91 Wc6 & WC9

HEAT RESISTANCE GRADE SCRAP

IN GRADES LIKE: AHRCS Gr 4 ~ 14, SS 309, 310, 310s

SERVING:-

INVESTMENT CASTING INDUSTRY:

- Scrap suitable for small furnaces from 15 Kgs to 100 Kgs.
- Less in diameter and length for easy melt.
- Plate cutting & rod cuttings for better results.
- Free from oil, dirt, colour and other foreign particles.
- Guaranteed chemical composition as per ASTM standards.

SAND CASTING INDUSTRY:

- Scrap suitable for bigger furnaces from 100 Kgs to 2 ton.
- Less in diameter and length for easy melt.
- Purely foundry grade scraps for induction furnaces & casting units.
- Scrap for foundry industry is majorly plate cuttings, rod cuttings, pipe cuttings, punching scrap etc. Different companies are catered according to their needs.

MILLS:

- Complete chemical composition guarantee of nickel & moly percentage.
- Scrap suitable for large furnaces.
- Maximum out put of the melt having less burning loss.





VIRGIN METALS & FERRO ALLOYS

- Ferro Titanium 30% & 70%
- Ferro Vanadium 50% & 80%
- Ferro Molybdenum
- Molybdenum Oxides & Concentrates
- Ferro Silicon 45%, 65%, 70% & 75%
- Ferro Silicon Calcium
- Ferro Silicon Maganese
- Ferro Chrome
- Ferro Tungsten
- Ferro Niobium
- Other Minor & Noble Alloys
- Pure Chrome
- Pure Tungsten
- Pure Moly
- Pure Silicon
- Pure Nickel





Grade	Stainless Scrap Composition - Per cent									Nearest Equivalent Specification		
	AISI	C Max	Mn Max	P Max	S Max	Si Max	Cr	Ni	Mo	Other Element	I.S	En
301	0.15	2.0max	0.045	0.040	1.0	16.0/18.0	6.0/8.0	-	-	-	10Cr 17Ni7	En-58A
302	0.15	2.0	0.045	0.030	1.0	17.0/19.0	8.0/10.0	-	-	-	0.7Cr18Ni9	En-58M
303	0.15	2.0	0.045	-	1.0	17.0/19.0	8.0/10.0	-	-	-	15Cr18Ni9	En-58E
304	0.08	2.0	0.045	0.030	1.0	18.0/20.0	8.0/10.0	-	-	-	04Cr18Ni10	-
304L	0.030	2.0	0.045	0.030	1.0	18.0/20.0	8.0/10.0	-	-	-	02Cr18Ni11	-
308	0.08	2.0	0.040	0.030	1.0	10.0/21.0	10.0/12.0	-	-	-	-	-
309	0.20	2.0max	0.045	0.030	1.0	22.0/24.0	12.0/15.0	-	-	-	20Cr24Ni12	-
309S	0.08	2.0	0.045	0.030	1.0	22.0/24.0	12.0/15.0	-	-	-	-	-
310	0.25	2.0	0.045	0.030	1.50	24.0/26.0	19.0/22.0	-	-	-	10Cr25Ni12	-
310S	0.08	2.0	0.040	0.030	1.50	24.0/26.0	19.0/22.0	-	-	-	-	-
314	0.25	2.0	0.045	0.030	1.5to3	25.0/26.0	19.0/22.0	-	-	-	-	-
316	0.08	2.0	0.045	0.030	1.0	16.0/18.0	10.0/14.0	2.0/3.0	-	-	04Cr17Ni12Mo2	En-58H
316L	0.030	2.0	0.045	0.030	1.0	16.0/18.0	10.0/14.0	2.0/3.0	-	-	03Cr17Ni12Mo2	-
317	0.08	2.0	0.045	0.030	1.0	18.0/20.0	11.0/15.0	3.0/4.0	-	-	-	-
317L	0.030	2.0	0.045	0.030	1.0	18.0/20.0	11.0/15.0	3.0/4.0	-	-	Tiy c Min	-
316TI	0.080	2.0	0.045	0.030	1.0	16.0/18.0	10.0/14.0	2.0/3.0	Ti5xCmin	-	-	-
321	0.08	2.0	0.045	0.030	1.0	17.0/19.0	9.0/12.0	-	Ti5xCmin	-	04Cr18Ni10Ti20	En-58C
347	0.08	2.0	0.045	0.030	1.0	17.0/19.0	9.0/12.0	-	Nb/Ta10xCmin	-	04Cr18Ni10Nb-40	En-58G
430	0.12	1.0	0.040	0.030	0.75	14.0/18.0	0.60	-	-	-	07Cr17	En-60
446	0.20	1.50max	0.040	0.030	1.0	23.0/27.0	0.60max	-	N-25max	-	-	-
403	0.15	1.0	0.040	0.030	0.50	11.5/13.0	0.60	-	-	-	-	-
410	0.15	1.0	0.040	0.030	1.0	11.5/13.5	0.60	-	-	-	12Cr13	En-58A
410S	0.08	1.0	0.040	0.030	1.0	11.5/13.5	0.60max	-	-	-	-	-
414	0.15	1.0max	0.040	0.030	1.0	11.5/13.5	1.25	-	-	-	-	-
420	over15	1.0	0.040	0.030	1.0	12.0/14.0	0.60	-	-	-	22Cr13	En56C&D
431	0.20	1.0max	0.040	0.030	1.0	15.0/17.0	1.25/2.50	0.75max	-	-	15Cr16Ni2	En-57
440A	0.060/0.70	1.0	0.040	0.030	1.0	16/18	-	-	-	-	-	-
440B	0.75	1.0	0.040	0.030	1.0	16.0/18.0	-	0.75max	-	-	-	-
409	0.08	1.0	0.045	0.030	1.0	10.5/11.75	0.50max	-	6x%cmin.75max	-	-	-
440C	0.95	1.0	0.040	0.030	1.0	16.18	-	0.75max	-	-	-	-
409M	0.028	0.8/1.2	0.030	0.030	40to.75	11.0/12.0	0.75	-	T10.25/0.75	-	-	-
446	0.20	1.50	0.040	0.030	1.0	23.0/30.0	0.50	-	-	-	N 0.25max	-



High Nickel Composition Per cent

ALLOY DESIGNATION	IN	CR	CO	MO	W	C	TI	AL	CU	FE
A 286	25.5	14.75	-	1.25	-	0.08	1.90	0.35	-	BAL
-	-	-	-	Other :	V0.25	-	-	-	-	-
Al 6X	23.5/25.5	20/22	-	6/7	-	0.03	-	-	-	BAL
-	-	-	-	Other :	Mn 2.0 Si0.75	-	-	-	-	-
Alloy 42 See Carpenter	-	-	42	-	-	-	-	-	-	-
Alnico 1	20.0	-	5.0	-	-	-	-	12.0	-	68.0
Alnico 2	17.0	-	12.5	-	-	-	-	10.0	6.0	54.0
Alnico 4	28.0	-	5.0	-	-	-	-	12.0	-	55.0
Alnico 5	14.0	-	24.0	-	-	-	-	8.0	3.00	50.0
Alumel	95.0	-	-	-	-	-	-	1.0	-	-
-	-	-	-	Other :	Mn 3.00 Si 1.00	-	-	-	-	-
AM 350	4.25	16.5	-	2.75	-	0.10	-	-	-	BAL
-	-	-	-	Other :	Mn 1.0, Si 0.4	-	-	-	-	-
Astrology	57.0	15.0	15.0	5.0	-	0.06	3.5	4.30	-	0.20
B 1900	63.0	8.0	10.0	6.0	-	0.10	1.00	6.00	-	0.35
-	-	-	-	Other :	Ta 4.25	-	-	-	-	-
B 1910	62.5	10.0	10.0	3.25	-	0.09	1.0	6.00	-	-
-	-	-	-	Other :	Ta 7.0, B 0.01, Zr 0.10	-	-	-	-	-
C 130	61.0	23.0	1.0	10.0	-	0.10	2.5	0.5	-	-
C 242	57.0	21.5	10.0	10.5	-	0.30	0.5	0.2	-	0.75
C 263	51.5	20.0	20.0	5.9	-	-	2.2	0.5	3.4	0.75
20 CB3	32-98	19.21	-	2.3	-	0.07	-	-	3.50	BAL
Carpenter 10	18.0	16.0	-	-	-	0.08	-	-	-	BAL
Carpenter 20	27.0	20.0	-	2.5	-	-	-	-	3.50	45.0
Carpenter 42	41.5	-	-	-	-	0.10	-	-	-	BAL
Carpenter 49	48.5	-	-	-	-	0.10	-	-	-	51.0

High Nickel Composition Per cent

ALLOY DESIGNATION	IN	CR	CO	MO	W	C	TI	AL	CU	FE
Chiroiment 3	60	17-20	-	17-20	-	0.07	-	-	-	3.0
Chromel A	80.0	20.0	-	-	-	-	-	-	-	-
Chromel AA	70.0	20.0	-	-	-	-	-	-	-	10.0
Chromel C	59.0	16.0	-	-	-	-	-	-	-	23.0
-	-	-	-	Other : Si 1.3		-	-	-	-	-
Chromel D	36.0	18.5	-	-	-	-	-	-	-	44.0
-	-	-	-	Other : Si 1.5		-	-	-	-	-
Curpo Nickel 10% 10.0	-	-	-	-	-	-	-	-	-	88.6 1.00
-	-	-	-	Other : Mn 0.4		-	-	-	-	-
Curpo Nickel 20% 20.0	-	-	-	-	-	-	-	-	-	78.800.60
-	-	-	-	Other : Mn 0.6		-	-	-	-	-
Curpo Nickel 10% 30.0	-	-	-	-	-	-	-	-	-	68.900.50
-	-	-	-	Other : Mn 0.6		-	-	-	-	-
D 979	45.0	15.0	-	3.70	3.70	-	3.00	1.00	-	27.0
-	-	-	-	-	-	-	-	-	-	-
Densalloy	6.0	-	-	-	90.0	-	-	-	4.00	-
Descaloy	26.0	13.5	-	2.75	-	0.08	1.6	0.35	-	BAL
DUMET	28.0	-	-	-	-	-	-	-	-	BAL
Duranickel	94.0	-	-	-	-	0.15	0.50	4.50	27	0.15
-	-	-	-	Other : Mn 0.25, Si 0.55			-	-	0.05	-
EBRITE	-	23/27.5	-	75/1.5	-	0.005	-	-	-	BAL
-	-	-	-	Other : Cu+Ni 0.50, Si 40, Mn.40			-	-	0.2	-
Elgiloy	15.0	20.0	40	7.00	-	0.15	-	-	-	BAL
-	-	-	-	Other : Mn 2.0, Be 0.04			-	-	-	-
ERE	37.0	25.0	-	1.5	-	0.40	-	-	-	36
Ferrallium	4.5/6.5	24/27	-	2/4	-	0.08	-	-	1.3/4	BAL
-	-	-	-	Other : N Mn 0.10		-	-	-	-	-
GMR-235	63.0	15.5	-	5.25	-	0.10	2.00	3.00	-	10.0
-	-	-	-	Other : B 0.04		-	-	-	-	-



PRODUCT RANGE

PIPE

Stainless Steel: ASTM A312 TP 304/304L/304H/316/316/317/317L/321/310/347/904L 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, Tantalum, Bismuth, Aluminium, High Speed Steel, Zinc, lead.

Types: Round, Square, Rectangular.

Size: Upto 24"NB. (Seamless & Welded)

Wall Thickness: Sch. 5S to Sch. XXS

SHEETS, RODS & PLATES

Material Grade: Stainless Steel, Nickel Alloys, Carbon Steel, Alloy Steel, Other Ferrous & Non-Ferrous Metals.

Types: Sheet, Plates, Strips, Round Bars, Wires, Channel, etc.

BUTT WELD FITTINGS

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

Carbon Steel: ASTM A324 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.

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

Size: 1/4"NB TO 32"NB. (Seamless & Welded)

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

FERRULE FITTING & FASTENERS

Stainless Steel: AISI 302, 304, 304L, 316, 316L, 310, 317, 317L, 321, 347, 410, 420, 904L etc.

Alloy Steel: 4.6, 5.6, 6.6, 8.8, 10.9 & 12.9 / 'R', 'S', 'T' Condition.

Carbon Steel: Bare Condition, Galvanized, Phosphetised, Cadmium Plated, Hot Deep Galvanized, Bloodied, Nickel Chrome Plated etc.

Non Ferrous Metal: Copper, Brass, Aluminium, Titanium, Nichrome, Al. Bronze Phosphorous Bronze, etc.

Types: Bolts, Nuts, Washers, Anchor Fasteners, Stud Bolts, Eye Bolt, Stud, Threaded Rod, Cotter Pin, Socket Screw, Fine Fasteners & Spares, Foundation Fasteners, etc.

SCREWED & FORGED 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/A350LF3/A350 LF2.

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

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, Parallel Nipple, Street Elbow, Hexagon Nut, Hose Nipple, Bend, Adapter, Insert, Weldolet, Elbowlet, Socketlet, Thredolet, Nipolet, Letrolet, etc.

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

Class: 3000#, 6000#, 9000#.

FLANGES

Range: 15 Nb Up To 600 Nb In 150 Lbs , 300 Lbs, 400 Lbs , 600 Lbs , 900 Lbs , 1500 Lbs , 2500 Lbs / Table 2.5 , Table 6 , Table 10, Table 16, table 25 , Table 40, Table 64, Table 160, Table 320, Table 400

Stainless Steel: Astm / Asme Sa 182 F 304 , 304L , 304h, 309h, 310h , 316 , 316h , 316L , 316 Ln , 317 , 317L , 321 , 321h , 347 , 347 H

SCRAP MATERIAL

Stainless Steel: 304, 304L, 316L, 310, 321, 317, 410, 430,

Other: inconel, monel, hastalloy, titanium, etc.



ROUND BAR - METRIC

Size mm	Weight in kg.	
	Wt. per ft.	Wt. per Mtr.
.5	.0004	.0015
1.0	.0018	.0062
1.5	.0042	.014
2.0	.0076	.025
2.5	.12	.039
3.0	.017	.055
3.5	.023	.076
4.0	.030	.099
4.5	.038	.125
5.0	.047	.154
5.5	0.57	.187
0.6	.068	.222
6.5	.079	.260
7.0	.092	.302
7.5	.106	.347
8.0	.120	.395
8.5	.136	.445
9.0	.152	.499
9.5	.169	.556
10	.188	.617
11	.271	.746
12	.271	.888
13	.317	1.04

Size mm	Weight in kg.	
	Wt. per ft.	Wt. per Mtr.
14	.369	1.21
15	.424	1.39
16	.482	1.58
17	.543	1.78
18	.610	2.00
19	.680	2.23
20	.753	2.47
21	.829	2.72
22	.908	2.98
23	.994	3.26
24	1.08	3.55
25	1.17	3.85
26	1.27	4.17
27	1.37	4.50
28	1.47	4.83
30	1.69	5.55
32	1.92	6.31
33	2.05	6.71
35	2.30	7.55
36	2.44	7.99
38	2.71	8.90
39	2.86	9.38
40	3.01	9.86

Size mm	Weight in kg.	
	Wt. per ft.	Wt. per Mtr.
42	3.32	10.88
45	3.80	12.48
48	4.33	14.21
50	4.70	15.41
52	5.08	16.67
55	5.69	18.65
56	5.89	19.33
58	6.32	20.74
60	6.77	22.20
62	7.22	23.70
64	7.70	25.25
65	7.94	26.05
68	8.69	28.51
70	9.21	30.21
72	9.74	31.96
75	10.57	34.68
80	12.03	39.46
90	15.22	49.94
100	18.79	61.65
110	22.74	74.60
120	27.07	88.80
130	31.70	104
140	36.88	121

Size mm	Weight in kg.	
	Wt. per ft.	Wt. per Mtr.
150	42.37	139
160	48.16	158
170	54.26	178
180	60.96	200
190	67.97	223
200	75.3	247.
220	90.8	298
240	108	355
250	117	385
260	127	417
280	147	483
300	169	555
320	192	631
340	217	713
350	230	755
360	244	799
380	271	890
400	301	986
500	469	1540

STAINLESS, ALLOY STEELS ROUND BAR
WEIGHT OF ROUND BAR

DIA (MM) X DIA (MM) X 0.001939 KG. (PER FEET)
DIA (MM) X 0.006165 KG (PER MTR)

HEXAGONAL BAR - METRIC

Size mm	Weight in kg.	
	Wt. per ft.	Wt. per Mtr.
.5	.0518	.170
5.5	.0628	.206
7	.102	.333
8	.133	.435
10	.207	.680
11	.251	.823
12	.298	.979
13	.351	1.15
14	.405	1.33
15	.466	1.53
16	.530	1.74
17	.597	1.96
18	.671	2.20
19	.747	2.45
20	.829	2.72

Size mm	Weight in kg.	
	Wt. per ft.	Wt. per Mtr.
22	1.00	3.29
24	1.20	3.92
25	1.30	4.25
27	1.51	4.96
30	1.87	6.12
32	2.12	6.56
35	2.54	8.33
36	2.69	8.81
38	2.99	9.82
40	3.32	10.89
41	3.48	11.41
46	4.39	14.40
48	4.79	15.71
50	5.18	17.00

Size mm	Weight in kg.	
	Wt. per ft.	Wt. per Mtr.
5	.0597	.196
5.5	.0722	.237
6	.0862	.283
7	.117	.385
8	.153	.502
9	.194	.636
10	.239	.785
11	.290	.950
12	.344	1.13
13	.405	1.33
14	.469	1.54
15	.540	1.77
16	.613	2.01
17	.692	2.27
18	.774	2.54
19	.863	2.83
20	.957	3.14
21	1.06	3.46

Size mm	Weight in kg.	
	Wt. per ft.	Wt. per Mtr.
22	1.16	.196
23	1.27	.237
24	1.38	.283
25	1.50	.385
26	1.62	.502
27	1.74	.636
28	1.88	.785
30	2.15	.950
32	2.45	1.13
35	2.93	1.33
36		1.54
38		1.77
40		2.01
42		2.27
45		2.54
46		2.83
48		3.14
50		3.46

STAINLESS, ALLOYS STEEL, HEXAGON AND SQUARE BAR

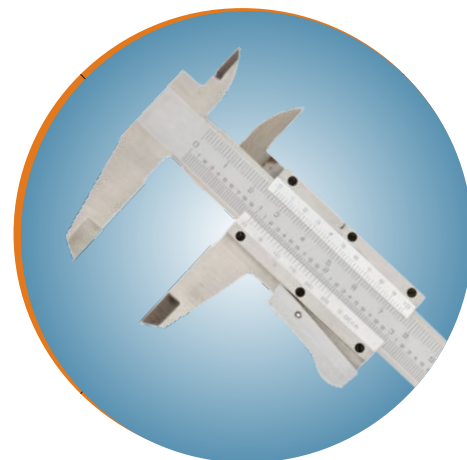
WEIGHT OF S. S. HEXAGONAL ROAD.



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FORMULA FOR CALCULATING WEIGHT

- 1) **WEIGHT OF STAINLESS STEEL PIPE**
 $O.D. (mm) - W.Thick (mm) \times W.Thick (mm) \times 0.0248 = Wt.PerMtr$
 $O.D. (mm) - W.thick (mm) \times W.Thick (mm) \times 0.00756 = Wt.Per Feet$
- 2) **WEIGHT OF STAINLESS STEEL ROUND BAR**
 $Dia (mm) \times Dia (mm) \times 0.00623 = Wt. Per Mtr.$
 $Dia (mm) \times Dia (mm) \times 0.0019 = Wt. Per Feet$
- 3) **WEIGHT OF STAINLESS STEEL SQUARE BAR**
 $Dia (mm) \times Dia (mm) \times 0.00788 = Wt. Per Mtr.$
 $Dia (mm) \times Dia (mm) \times 0.0024 = Wt. Per Feet$
- 4) **WEIGHT OF STAINLESS STEEL HEXAGONAL BAR**
 $Dia (mm) \times Dia (mm) \times 0.00680 = Wt. Per Mtr.$
 $Dia (mm) \times Dia (mm) \times 0.002072 = Wt. Per Feet$
- 5) **WEIGHT OF STAINLESS STEEL FLAT BAR**
 $Width (mm) \times Thickness (mm) \times 0.00798 = Weight Per Mtr.$
WEIGHT OF STAINLESS STEEL FLAT BAR
 $Width (mm) \times Thickness (mm) \times 0.00243 = Weight Per Feet.$
- 6) **WEIGHT OF STAINLESS STEEL SHEETS & PLATES**
 $Lenght (Mtrs) \times Width (Mtrs) \times Thick (mm) \times 8 = Weight Per PC.$
 $Lenght (Feet) \times Width (Feet) \times Thick (mm) \times 3/4 = Weight Per PC.$
- 7) **WEIGHT OF STAINLESS STEEL CIRCLE**
 $Dia (mm) \times Dia (mm) \times Thick (mm) / 160 = Gms.per PC$
 $Dia (mm) \times Dia (mm) \times Thick (mm) \times 0.0000063 = Kg. Per PC$
- 8) **WEIGHT OF Brass Pipe / Copper Pipes**
 $O.D.(mm) - W.Thick(mm) \times W. Thick(mm) \times 0.0260 = Wt. Per Mtr.$
- 9) **WEIGHT Lead Pipe**
 $O.D.(mm) - W.Thick(mm) \times W. Thick(mm) \times 0.0345 = Wt. Per Mtr.$
- 10) **WEIGHT OF ALUMINIUM PIPE**
 $O.D. (mm) - W.Thick (mm) \times W.Thick (mm) \times 0.0083 = Wt. Per Mtr.$
- 10) **WEIGHT OF ALUMINIUM SHEET**
 $Lenght (Mtrs) \times Width (Mtrs) \times Thick (mm) \times 2.69 = Weight Per PC$
- 12) **WEIGHT CONVERSION OF MTR. TO FT.**
 $Lenght (Mtrs) \times Width (Mtrs) \times Thick (mm) \times 2.69 = Weight Per PC$
- 13) **WT. OF 1 MTR / 3.2808 = WT PER FT.**
 Barlow's Formula for calculating bursting pressure
 $P = 2St/D$ or $t-DP/2S$ or $S-DP/2T$ or $D=2St/P$
 $P =$ Bursting Pe/ressure P Si.,
 $S =$ Tensile Strenght oftubes,
 $T =$ Wall Thickness (in inches),
 $D =$ Outside Diamete (in inches)
- 14) **FORMULA FOR HEALTHY BUSINESS**
 Honesty + Quality of Goods + Quick Service = Good Healthy Business





APPLICATION INDUSTRIES

- CEMENT INDUSTRIES
- PAPER & PULP INDUSTRIES
- BEVERAGE INDUSTRIES
- OIL & GAS INDUSTRIES
- STAINLESS STEEL SAND CASTING MANUFACTURERS
- PHARMACEUTICALS
- REFINERIES PLANTS
- FOOD INDUSTRIES
- HEAT EXCHANGERS
- VALVES BODY MANUFACTURERS
- TEXTILE INDUSTRIES
- WATER PIPING SYSTEMS
- ACID & CHEMICAL INDUSTRIES
- AUTOMOBILE INDUSTRIES
- INSTRUMENT CENTRIFUGAL

QUALITY POLICY

Our Brand is built not on the products we sell, but the people we service and the relationship we have with them. It is built on trust, reliability and commitment and it believes that there is such a thing as friendships in business and profits aren't everything.

Our mission is to continually improve in understanding and providing for the needs of the people we serve and to commit ourselves to achieving our vision. and that's our promise to you, that we 'll do our best to always offer you Excellent Value, Top Quality Products and Outstanding Service.





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STAINALLOYS PVT. LTD.
PIONEER IN TRADE OF STAINLESS STEEL

*Importers, Stockists & Suppliers Of : All Kinds Of Stainless Steel Scrap,
Nickel Alloy Scrap, Ferro Alloys, & Stainless Steel Pipes,
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