



LEAP METAL

YOUR ONE STOP HARDWARE & INDUSTRIAL SUPPLIES

About Us

Leap Metal was founded and registered in the year 2022 as a one-stop hardware and industrial supply center with its office and warehouse situated in both Singapore and Malaysia. Steel and ship plates are among the metal products that Leap Metal trades, distributes, and supplies. Our goods include pipes, plates, and every other type of structural steel utilized in the construction, building, marine, offshore and shipbuilding industries. Strong and long-lasting relationships with our customers and business partners are extremely important to our organization. We always make an effort to work with reputable factories and manufacturers who can fulfill our high standards for both quality and price competitiveness.

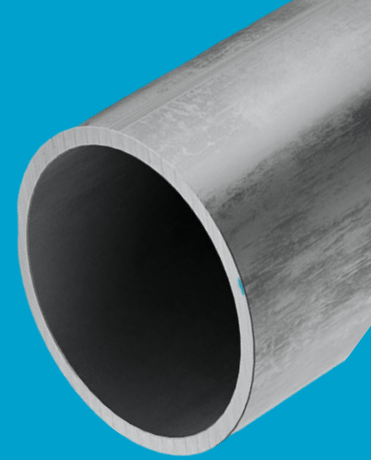
Mission

Believes in providing a reliable and trustworthy, cost effective and efficient solutions to our valued customers along their purchases. Providing them the best products and services constantly to better serve our clients.

Stockists in Structural Steel for Construction, Building, Marine, Offshore and Ship Building Industries

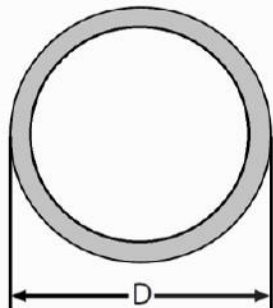
Welded Pipes

Welded pipe is a round pipe that has been electrically welded with raised weld seam inside the pipe. It is a structural grade tube appropriate for a broad range of applications where dimensional accuracy and precision tolerances are not of highest concern. The difference between seamless pipes and welded pipes are mainly the different in molding process where welded pipes are generally though the flat plate by welding after the bending. There are 4 class of welded pipes, which consists of 'AA', 'A', 'B' and 'C'



Size Range: 15mm to 150mm

Thickness	Nominal Size		Outside Diameter				Wall Thickness		Calculated Weight						Number of Threads per	Socket				Test Pressure	
			Maximum		Minimum				Plain Ends			Thread & Coupling				Outer Diameter		Minimum Length			
Class	mm	in	mm	in	mm	in	mm	in	kg/m	kg/ft	lb/ft	kg/m	kg/ft	lb/ft	in	mm	in	mm	in	Bar	Psi
Extra Light "AA"	15	½	21.4	0.84	21.0	0.83	1.6	0.063	0.773	0.236	0.52										
	20	¾	26.9	1.06	26.4	1.04	1.6	0.063	0.99	0.302	0.666										
	25	1	33.8	1.33	33.2	1.31	1.9	0.075	1.48	0.451	0.994										
	32	1¼	42.5	1.67	41.9	1.65	1.9	0.075	1.89	0.576	1.27										
	40	1½	48.4	1.90	47.8	1.88	1.9	0.075	2.16	0.658	1.45										
	50	2	60.2	2.30	59.6	2.35	1.9	0.075	2.72	0.829	1.83										
	65	2½	76.0	2.99	75.2	2.96	1.9	0.075	3.45	1.05	2.31										
	80	3	88.7	3.49	87.9	3.46	2.1	0.083	4.46	1.36	3										
	90	3½	102.0	3.98	101.1	3.95	2.1	0.083	5.15	1.57	3.46										
	100	4	113.9	4.48	113.0	4.45	2.3	0.091	6.31	1.92	4.23										
	125	5	140.6	5.53	138.7	5.46	4.0	0.157	13.4	4.08	8.99										
150	6	166.1	6.54	164.1	6.46	4.0	0.157	15.9	4.85	10.7											



Thickness	Nominal Size		Outside Diameter				Wall Thickness		Calculated Weight						Number of Threads	Socket				Test Pressure	
			Maximum		Minimum				Plain Ends			Thread & Coupling				Outer Diameter		Minimum Length			
Class	mm	in	mm	in	mm	in	mm	in	kg/m	kg/ft	lb/ft	kg/m	kg/ft	lb/ft	in	mm	in	mm	in	Bar	Psi
Light "A"	15	½	21.4	0.841	21	0.825	2	0.079	0.947	0.289	0.637	0.956	0.291	0.642	14	27.8	1.094	38.1	1.5	50	700
	20	¾	26.9	1.059	26.4	1.041	2.3	0.091	1.38	0.421	0.928	1.39	0.424	0.935	14	34.1	1.343	41.3	1.626	50	700
	25	1	33.8	1.328	33.2	1.309	2.6	0.102	1.98	0.604	1.33	2	0.61	1.34	11	42.1	1.657	47.6	1.874	50	700
	32	1¼	42.5	1.67	41.9	1.65	2.6	0.102	2.54	0.774	1.71	2.57	0.783	1.73	11	51.6	2.031	54	2.126	50	700
	40	1½	48.4	1.903	47.8	1.882	2.9	0.114	3.23	0.985	2.17	3.27	0.997	2.2	11	57.9	2.28	57.2	2.252	50	700
	50	2	60.2	2.37	59.6	2.347	2.9	0.114	4.08	1.24	2.73	4.15	1.26	2.78	11	70.6	2.78	63.5	2.5	50	700
	65	2½	76	2.991	75.2	2.96	3.2	0.126	5.71	1.74	3.83	5.83	1.78	3.92	11	87.3	3.437	69.9	2.752	50	700
	80	3	88.7	3.491	87.9	3.46	3.2	0.126	6.72	2.05	4.52	6.89	2.1	4.63	11	101.6	4	76.2	3	50	700
	100	4	113.9	4.481	113	4.45	3.6	0.142	9.75	2.97	6.55	10	3.05	6.72	11	128.6	5.063	88.9	3.5	50	700
Medium "B"	15	½	21.7	0.856	21.1	0.831	2.6	0.102	1.21	0.369	0.814	1.22	0.372	0.82	14	27.8	1.094	38.1	1.5	50	700
	20	¾	27.2	1.072	26.6	1.047	2.6	0.102	1.56	0.475	1.05	1.57	0.479	1.06	14	34.1	1.343	41.3	1.626	50	700
	25	1	34.2	1.346	33.4	1.316	3.2	0.126	2.41	0.735	1.62	2.43	0.741	1.63	11	42.1	1.657	47.6	1.874	50	700
	32	1¼	42.9	1.687	42.1	1.657	3.2	0.126	3.1	0.945	2.08	3.13	0.954	2.1	11	51.6	2.031	54	2.126	50	700
	40	1½	48.8	1.919	48	1.889	3.2	0.126	3.57	1.09	2.4	3.61	1.1	2.43	11	57.9	2.28	57.2	2.252	50	700
	50	2	60.8	2.394	59.8	2.354	3.6	0.142	5.03	1.53	3.37	5.1	1.55	3.42	11	70.6	2.78	63.5	2.5	50	700
	65	2½	76.6	3.014	75.4	2.969	3.6	0.142	6.43	1.96	4.32	6.55	2	4.41	11	87.3	3.437	69.9	2.752	50	700
	80	3	89.5	3.524	88.1	3.469	4	0.157	8.37	2.55	5.62	8.54	2.6	5.73	11	101.6	4	76.2	3	50	700
	100	4	114.9	4.524	113.3	4.459	4.5	0.177	12.2	3.72	8.2	12.5	3.81	8.4	11	128.6	5.063	88.9	3.5	50	700
	125	5	140.6	5.534	138.7	5.459	5	0.197	16.6	5.06	11.2	17.1	5.21	11.5	11	155.6	6.126	95.3	3.752	50	700
	150	6	166.1	6.539	164.1	6.459	5	0.197	19.7	6	13.2	20.3	6.19	13.6	11	184.2	7.252	95.3	3.752	50	700
Heavy "C"	15	½	21.7	0.856	21.1	0.831	3.2	0.126	1.44	0.439	0.968	1.45	0.442	0.974	14	27.8	1.094	38.1	1.5	50	700
	20	¾	27.2	1.072	26.6	1.047	3.2	0.126	1.87	0.57	1.257	1.88	0.573	1.263	14	34.1	1.343	41.3	1.626	50	700
	25	1	34.2	1.346	33.4	1.316	4	0.157	2.94	0.896	1.98	2.96	0.902	1.99	11	42.1	1.657	47.6	1.874	50	700
	32	1¼	42.9	1.687	42.1	1.657	4	0.157	3.8	1.16	2.56	3.83	1.17	2.58	11	51.6	2.031	54	2.126	50	700
	40	1½	48.8	1.919	48	1.889	4	0.157	4.38	1.34	2.95	4.42	1.35	2.98	11	57.9	2.28	57.2	2.252	50	700
	50	2	60.8	2.394	59.8	2.354	4.5	0.177	6.19	1.89	4.17	6.26	1.91	4.21	11	70.6	2.78	63.5	2.5	50	700
	65	2½	76.6	3.014	75.4	2.969	4.5	0.177	7.93	2.42	5.34	8.05	2.45	5.4	11	87.3	3.437	69.9	2.752	50	700
	80	3	89.5	3.524	88.1	3.469	5	0.197	10.3	3.14	6.92	10.5	3.2	7.05	11	101.6	4	76.2	3	50	700
	100	4	114.9	4.524	113.3	4.459	5.4	0.213	14.5	4.42	9.74	14.8	4.51	9.94	11	128.6	5.063	88.9	3.5	50	700
	125	5	140.6	5.534	138.7	5.459	5.4	0.213	17.9	5.46	12	18.4	5.61	12.4	11	155.6	6.126	95.3	3.752	50	700
	150	6	166.1	6.539	164.1	6.459	5.4	0.213	21.3	6.49	14.3	21.9	6.68	14.7	11	184.2	7.252	95.3	3.752	50	700

Our Core Value

Product Sourcing Abilities

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Singapore

LEAP METAL PTE LTD

18 Boon Lay Way #09-109
18@TradeHub 21 Singapore 609966

TEL : +65 6539 9440

FAX : +65 6539 9439

Malaysia

LEAP METAL SDN BHD

13-2, 2 Rio Office Park, Persiaran Rio,
Bandar Puteri, 47100 Puchong, Selangor
Darul Ehsan, Malaysia.

TEL : +603-8604 8788

www.leapmetal.asia