

Pipe & Tube Supply - 501.372.6556

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STANDARD ("I") BEAMS ASTM A36/A588/A572 Grade 50

AISI Designation (Depth in Inches and Lbs. Per Foot)			A Depth (Inches)	B Flange Width (Inches)	C Web Thickness (Inches)
S3	x	5.7	3	2.330	.170
		7.5	3	2.509	.349
S4	x	7.7	4	2.663	.193
		9.5	4	2.796	.326
S5	x	10	5	3.004	.214
S6	x	12.5	6	3.332	.232
		17.25	6	3.565	.465
S7	x	15.3	7	3.662	.252
S8	x	18.4	8	4.001	.271
		23	8	4.171	.441
S10	x	25.4	10	4.661	.311
		35	10	4.944	.594
S12	X	31.8	12	5.000	.350
		35	12	5.078	.428
		40.8	12	5.250	.462
		50	12	5.477	.687
S15	x	42.9	15	5.501	.411
		50	15	5.640	.550
S18	x	54.7	18	6.001	.461
		70	18	6.251	.711
S20	x	66	20	6.255	.505
		75	20	6.385	.635
		86	20	7.060	.660
		96	20	7.200	.800
S24	x	80	24	7.000	.500
		90	24	7.125	.625
		100	24	7.245	.870
		106	24	7.870	.620
		121	24	8.050	.800

WIDE FLANGE (W) AND MISCELLANEOUS SHAPES (M)

AISI Designation (Depth in Inches and Lbs. Per Foot)			A Depth (Inches)	B Flange Width (Inches)	C Web Thickness (Inches)
M4	x	13	4.16	4.060	.280
W5	x	16	5.01	5.000	.240
M5	x	19	5.15	5.030	.270
M6	x	4.4	6.00	1.875	.125
W6	x	9	5.90	3.940	.170
		12	6.03	4.000	.230
		15	5.99	5.990	.230
		16	6.28	4.030	.260

		20	6.20	6.020	.260
		25	6.38	6.080	.320
M8	x	6.5	8.00	2.250	.125
W8	x	10	7.89	3.940	.170
		13	7.99	4.000	.230
		15	8.11	4.015	.245
		18	8.14	5.250	.230
		21	8.28	5.274	.250
		24	7.93	6.495	.245
		28	8.06	6.535	.285
		31	8.00	7.995	.285
		35	8.12	8.020	.310
		40	8.25	8.070	.360
		48	8.50	8.110	.400
		58	8.75	8.220	.510
		67	9.00	8.280	.570
W10	x	9	10.00	2.750	.188
		12	9.87	3.960	.190
		15	9.99	4.000	.230
		17	10.11	4.010	.240
		19	10.24	4.020	.250
		22	10.17	5.750	.240
		26	10.33	5.770	.260
		29	10.47	5.810	.300
		33	9.73	7.960	.290
		39	9.92	7.985	.315
		45	10.10	8.020	.350
		49	9.98	10.000	.340
		54	10.09	10.070	.370
		60	10.22	10.080	.420
		68	10.40	10.130	.470
		77	10.60	10.190	.530
		88	10.89	10.265	.605
		100	11.10	10.344	.680
M12	x	11.8	12.00	3.000	.188
W12	x	14	11.91	3.970	.200
		16	11.99	3.990	.220
		19	12.16	4.005	.235
		22	12.31	4.030	.260
		27	12.22	6.490	.230
		30	12.34	6.520	.260
		35	12.50	6.560	.300
		40	11.94	8.005	.295
		45	12.06	8.045	.335
		50	12.19	8.080	.370
		53	12.06	9.995	.345
		58	12.19	10.010	.360
		65	12.12	12.000	.390
		72	12.25	12.040	.430
		79	12.38	12.080	.470

Galvanizing Available Upon Request
