

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

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WIDE FLANGE (W) AND MISCELLANEOUS SHAPES (M) (Continued) 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)	
W12	x	87	12.53	12.125	.515
		96	12.71	12.160	.550
		106	12.89	12.220	.610
		120	13.12	12.320	.710
M14	x	18	14.00	4.000	.270
W14	x	22	13.77	5.000	.230
		30	13.84	6.730	.270
		34	13.98	6.745	.285
		38	14.10	6.770	.310
		43	13.66	7.995	.305
		48	13.79	8.030	.340
		53	13.92	8.060	.370
		61	13.99	9.995	.375
		68	14.04	10.035	.415
		74	14.17	10.070	.450
		82	14.31	10.130	.510
		84	14.18	12.023	.451
		90	14.02	14.520	.440
		99	14.16	14.565	.485
		109	14.32	14.605	.525
132	14.66	14.725	.645		
159	14.98	15.565	.745		
W16	x	26	15.69	5.500	.250
		31	15.88	5.525	.275
		36	15.86	6.985	.295
		40	16.01	6.995	.305
		45	16.13	7.035	.345
		50	16.26	7.070	.380
		57	16.43	7.120	.430
		67	16.33	10.235	.395
		77	16.52	10.295	.455
		89	16.75	10.365	.525
		100	15.97	10.425	.585
W18	x	35	17.70	6.000	.300
		40	17.90	6.015	.315
		50	17.99	7.495	.355
		55	18.11	7.580	.390
		60	18.24	7.555	.415
		65	18.35	7.590	.450
		71	18.47	7.635	.495
		76	18.21	11.035	.425
		86	18.39	11.090	.480
		97	18.59	11.145	.535
		106	18.73	11.200	.590
119	18.97	11.265	.655		
W21	x	44	20.66	6.500	.350
		50	20.83	6.534	.380
		57	21.06	6.555	.405
		62	20.99	8.240	.400
		68	21.13	8.270	.430
		73	21.24	8.295	.455
		83	21.43	8.355	.515
101	21.36	12.290	.500		
W24	x	55	23.57	7.005	.395
		62	23.71	7.040	.430
		76	23.92	8.990	.440
		84	24.10	9.020	.470
		94	24.31	9.065	.515

		104	24.06	12.750	.500
		119	24.26	12.800	.550
		131	24.48	12.855	.605
		146	24.74	12.900	.650
		162	25.00	12.955	.705
W27	x	84	26.71	9.960	.460
		94	26.92	9.990	.490
		102	27.09	10.015	.515
		114	27.29	10.070	.570
		146	27.38	13.965	.605
		161	27.59	14.020	.660
W30	x	99	29.65	10.450	.520
		108	29.83	10.475	.545
		116	30.01	10.495	.565
		124	30.17	10.515	.585
		132	30.31	10.545	.615
W33	x	118	32.86	11.480	.550
W36	x	150	35.84	11.975	.625
		160	36.01	12.000	.650
		170	36.17	12.030	.680
		245	36.08	16.510	.800

REBAR

(ASTM A 615 GRADE 40 & 60)

**WELDED WIRE
REINFORCING MESH
5' x 150' Rolls**

Inches	Lbs. per Ft.	Spacing (Inches)	Wire Gauge	Lbs. per Roll
3/8 (#3)	.3759	6x6	6/6	315
1/2 (#4)	.6682	6x6	10/10	158
5/8 (#5)	1.044			
3/4 (#6)	1.504			
7/8 (#7)	2.046			
1 (#8)	2.673			
1-1/8 (#9)	3.383			