

COMPUTING SQUARE INCHES FOR STRUCTURES

CHANNEL			I BEAM			H BEAM		
SIZE	WT/FT	AREA	SIZE	WT/FT	AREA	SIZE	WT/FT	AREA
3" X 1-1/2"	6.00	1.75	3" X 2-3/8"	7.5	2.17	4" x 4"	13.00	3.81
	5.00	1.46		6.5	1.88			
	4.10	1.19		5.7	1.64			
	6.25	1.82		9.5	2.76			
	5.40	1.56		8.5	2.46			
			7.7	2.21				
5" X 1-1/2"	11.50	3.36	5" X 3"	14.75	4.29			
	9.00	2.63		12.25	3.56			
	6.70	1.95		10	2.87			
6" X 2"	13.00	3.81	6" X 3-3/8"	17.25	5.02			
	10.50	3.07		14.75	4.29			
	8.20	2.39		12.5	3.61			
7" X 2"	14.75	4.32	7" X 3-3/8"	20	5.83			
	12.25	3.58		17.5	5.09			
	9.80	2.09		15.3	4.43			
8" X 2-1/4"	18.75	5.49	8" X 4"	25.5	7.43			
	13.75	4.02		23	6.71			
	11.50	3.36		20.5	5.97			
9" X 2-1/2"	20.00	5.85	10" X 4-3/8"	18.4	5.34			
	15.00	4.39		40	11.69			
	13.40	3.89		35	10.22			
10" X 2-5/8"	30.00	8.8	12" X 5"	30	8.75			
	25.00	7.33		25.4	7.38			
	20.00	5.86		35	10.20			
	15.30	4.47		31.9	9.26			
			12" X 5-1/4"	55	16.04			
				50	14.57			
				45	13.1			
				40.8	11.84			
			15" X 5-1/2"	55	16.06			
				50	14.59			
				45	13.12			
				42.9	12.49			
			18" X 6"	70	20.46			
				65	18.98			
				60	17.5			
				54.7	15.94			