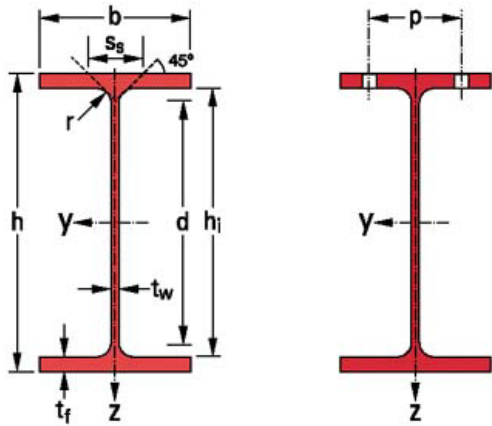


# W Beams

W Beams structural profiles are especially used in the construction of solar energy systems and steel construction buildings, but also in reinforced concrete structures for the purpose of supporting the structure. The W beams, used in the carrier systems in the solar energy systems constructions can be delivered in accordance with the project with hot-dip galvanized coating in the desired coating thickness, although the project-specific machining, welded production is made.

One of the advantages of W beams is that the flanges are thicker than the web. This aids in resisting bend stress.



<b>Length:</b>	Manufacturing capability in special sizes according to your request
<b>Dimensions:</b>	ASTM A6 /A 6M - 07
<b>Tolerances:</b>	ASTM A 6/A 6M - 07

SECTION (in. x lb/ft)	DIMENSIONS						CROSS SECTION AREA	STATIC PARAMETERS					
	G	h	b	t <sub>w</sub>	t <sub>f</sub>	r		STRONG AXIS			WEAK AXIS		
	kg/m	mm	mm	mm	mm	mm	A	I <sub>y</sub>	w <sub>ely</sub>	i <sub>y</sub>	I <sub>z</sub>	w <sub>elz</sub>	i <sub>z</sub>
							cm <sup>2</sup>	cm <sup>4</sup>	cm <sup>3</sup>	cm	cm <sup>4</sup>	cm <sup>3</sup>	cm
W 6 X 7	10,42	147,1	99,2	3,4	4,1	-	13,27	-	-	-	-	-	-
W 6 X 7.75	11,53	147,8	99,6	3,8	4,5	-	14,69	-	-	-	-	-	-
W 6 X 8.5	12,65	148,082	100,076	4,3	5,0	-	16,11	-	-	-	-	-	-
W 6 X 9	13,39	149,86	100,076	4,3	5,5	-	17,06	-	-	-	-	-	-
W 6 X 10.4	15,48	151,4	100,8	5,1	6,3	-	19,72	-	-	-	-	-	-
W 6 X 10.48	15,60	152,4	107,95	4,5	6,2	-	19,87	-	-	-	-	-	-
W 6 X 12	17,86	153,162	101,6	5,8	7,1	-	22,75	-	-	-	-	-	-
W 6 X 4 X 14	21,20	155,76	102,5	6,8	8,4	-	27,01	-	-	-	-	-	-
W 6 X 6 X 15	22,32	152	152	5,8	6,6	-	28,43	-	-	-	-	-	-
W 6 X 16	23,81	159,512	102,362	6,6	10,3	-	30,33	-	-	-	-	-	-
W 6 X 6 X 20	29,76	157,48	152,908	6,6	9,3	-	37,92	-	-	-	-	-	-
W 6 X 25	37,20	162,052	154,432	8,1	11,6	-	47,39	-	-	-	-	-	-
W 8 X 8	11,91	198	99	3,3	4,2	-	15,17	-	-	-	-	-	-
W 8 X 9	13,30	199,4	99,6	3,8	4,7	-	16,94	-	-	-	-	-	-
W 8 X 10	14,88	200,406	100,076	4,3	5,2	-	18,96	-	-	-	-	-	-
W 8 X 13	19,35	202,946	101,6	5,8	6,5	-	24,64	-	-	-	-	-	-
W 8 X 14	20,80	204,4	101,8	6,0	7,2	-	26,50	-	-	-	-	-	-
W 8 X 15	22,32	205,994	101,981	6,2	8,0	-	28,43	-	-	-	-	-	-
W 8 X 4 X 16	23,80	207,2	102,2	6,4	8,6	-	30,32	-	-	-	-	-	-
W 8 X 5.25 X 16	24,00	204,8	132,95	5,4	7,4	-	30,57	-	-	-	-	-	-
W 8 X 18	26,79	206,756	133,35	5,8	8,4	-	34,12	-	-	-	-	-	-
W 8 X 18.5	27,90	207,8	133,35	5,8	8,9	-	35,54	-	-	-	-	-	-
W 8 X 19	28,30	208	133,51	6,0	9,0	-	36,05	-	-	-	-	-	-
W 8 X 19.5	29,40	209	133,51	6,0	9,5	-	37,45	-	-	-	-	-	-
W 8 X 21	31,25	210,312	133,858	6,4	10,2	-	39,81	-	-	-	-	-	-

