

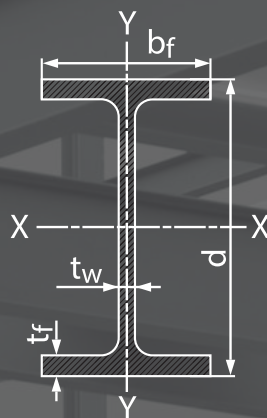


ACERMA

PERFILES ESTRUCTURALES LAMINADOS **W**



PERFILES W



NOMENCLATURA

Designación	Descripción
d	altura
b _f	ancho del ala
t _w	espesor del alma
t _f	espesor del ala
Área	área de la sección
I	momento de inercia
W	módulo de resistencia
r	radio de giro

- Este producto posee sello IRAM-INTI de conformidad con la norma IRAM-IAS U-500-215-6.
- Satisface los requerimientos de las Normas IRAM-IAS U-500-503 Grado F36 para Características Mecánicas y Composición Química y la IRAM-IAS U-500-215-6 para tolerancias dimensionales.

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PERFILES W (I) - (H) - PERFIL LAMINADO
PLANILLA DE MEDIDAS Y ESPECIFICACIONES TÉCNICAS

Medida (mm x kg/m)	Dimensiones				Área Ag cm ²	Peso G Kg/m	Eje X - X			Eje Y - Y			Medida (in x lb/ft)
	d mm	b _f mm	t _w mm	t _f mm			I _x Cm ⁴	W _x Cm ³	r _x Cm	I _y Cm ⁴	W _y Cm ³	r _y Cm	
W 150x13.0	148	100	4.3	4.9	16.6	13.0	635	85.8	6.18	82	16.4	2.22	W 6x8.5
W 150x18.0	153	102	5.8	7.1	23.4	18.0	939	122.8	6.34	126	24.7	2.32	W 6x12
W 150x22.5 (H)	152	152	5.8	6.6	29	22.5	1229	161.7	6.51	387	50.9	3.65	W 6x15
W 150x24.0	160	102	6.6	10.3	31.5	24.0	1384	173	6.63	183	35.9	2.41	W 6x16
W 150x29.8 (H)	157	153	6.6	9.3	38.5	29.8	1739	221.5	6.72	556	72.6	3.8	W 6x20
W 200x15.0	200	100	4.3	5.2	19.4	15.0	1305	130.5	8.2	87	17.4	2.12	W 8x10
W 200x19.3	203	102	5.8	6.5	25.1	19.3	1686	166.1	8.19	116	22.7	2.14	W 8x13
W 200x22.5	206	102	6.2	8	29	22.5	2029	197	8.37	142	27.9	2.22	W 8x15
W 200x26.6	207	133	5.8	8.4	34.2	26.6	2611	252.3	8.73	330	49.6	3.1	W 8x18
W 200x31.3	210	134	6.4	10.2	40.3	31.3	3168	301.7	8.86	410	61.2	3.19	W 8x21
W 200x35.9 (H)	201	165	6.2	10.2	45.7	35.9	3437	342	8.67	764	92.6	4.09	W 8x24
W 200x46.1 (H)	203	203	7.2	11	58.6	46.1	4543	447.6	8.81	1535	151.2	5.12	W 8x31
W 200x52 (H)	206	204	7.9	12.6	66.9	52	5298	514.4	8.9	1784	174.9	5.16	W 8x35
W 250x17.9	251	101	4.8	5.3	23.1	17.9	2291	182.6	9.96	91	18.1	1.99	W 10x12
W 250x22.3	254	102	5.8	6.9	28.9	22.3	2939	231.4	10.09	123	24.1	2.06	W 10x15
W 250x25.3	257	102	6.1	8.4	32.6	25.3	3473	270.2	10.31	149	29.3	2.14	W 10x17
W 250x28.4	260	102	6.4	10	36.6	28.4	4046	311.2	10.51	178	34.8	2.2	W 10x19
W 250x32.7	258	146	6.1	9.1	42.1	32.7	4937	382.7	10.83	473	64.8	3.35	W 10x22
W 250x38.5	262	147	6.6	11.2	49.6	38.5	6057	462.4	11.05	594	80.8	3.46	W 10x26
W 250x44.8	266	148	7.6	13	57.6	44.8	7158	538.2	11.15	704	95.1	3.5	W 10x30
W 250x73 (H)	253	254	8.6	14.2	92.7	73	11257	889.9	11.02	3880	305.5	6.47	W 10x49
W 310x21.0	303	101	5.1	5.7	27.2	21.0	3776	249.2	11.77	98	19.5	1.9	W 12x14
W 310x23.8	305	101	5.6	6.7	30.7	23.8	4346	285	11.89	116	22.9	1.94	W 12x16
W 310x28.3	309	102	6	8.9	36.5	28.3	5500	356	12.28	158	31	2.08	W 12x19
W 310x32.7	313	102	6.6	10.8	42.1	32.7	6570	419.8	12.49	192	37.6	2.13	W 12x22
W 310x38.7	310	165	5.8	9.7	49.7	38.7	8581	553.6	13.14	727	88.1	3.82	W 12x26
W 310x44.5	313	166	6.6	11.2	57.2	44.5	9997	638.8	13.22	855	103	3.87	W 12x30
W 310x52.0	317	167	7.6	13.2	67	52.0	11909	751.4	13.33	1026	122.9	3.91	W 12x35
W 310x59.8	303	203	7.5	13.1	76.1	59.8	12903	850	13.03	1836	180	4.9	W 12x40
W 310x79 (H)	299	306	11	11	100	79	16316	1091.3	12.77	5258	343.7	7.25	W 12x53
W 310x97 (H)	308	305	9.9	15.4	123.6	97	22284	1447	13.43	7286	477.8	7.68	W 12x65
W 310x117 (H)	314	307	11.9	18.7	149.9	117.0	27563	1755.6	13.56	9024	587.9	7.76	W 12x79
W 360x32.9	349	127	5.8	8.5	42.1	32.9	8358	479	14.09	291	45.9	2.63	W 14x22
W 360x39.0	353	128	6.5	10.7	50.2	39.0	10331	585.3	14.35	375	58.6	2.73	W 14x26
W 360x44.0	352	171	6.9	9.8	57.7	44.0	12258	696.5	14.58	818	95.7	3.77	W 14x30
W 360x51.0	355	171	7.2	11.6	64.8	51.0	14222	801.2	14.81	968	113.3	3.87	W 14x34
W 360x57.8	358	172	7.9	13.1	72.5	57.8	16143	901.8	14.92	1113	129.4	3.92	W 14x38
W 360x64.0	347	203	7.7	13.5	81.7	64.0	17890	1031.1	14.8	1885	185.7	4.8	W 14x43
W 360x72.0	350	204	8.6	15.1	91.3	72.0	20169	1152.5	14.86	2140	209.8	4.84	W 14x48
W 360x79.0	354	205	9.4	16.8	101.2	79.0	22713	1283.2	14.98	2416	235.7	4.89	W 14x53
W 360x122 (H)	363	257	13	21.7	155.3	122.0	36599	2016.5	15.35	6147	478.4	6.29	W 14x82
W 410x38.8	399	140	6.4	8.8	50.3	38.8	12777	640.5	15.94	404	57.7	2.83	W 16x26
W 410x46.1	403	140	7	11.2	59.2	46.1	15690	778.7	16.27	514	73.4	2.95	W 16x31
W 410x53.0	403	177	7.5	10.9	68.4	53.0	18734	929.7	16.55	1009	114	3.84	W 16x36
W 410x60.0	407	178	7.7	12.8	76.2	60.0	21707	1066.7	16.88	1205	135.4	3.98	W 16x40
W 410x67.0	410	179	8.8	14.4	86.3	67.0	24678	1203.8	16.91	1379	154.1	4	W 16x45
W 410x75.0	413	180	9.7	16	95.8	75.0	27616	1337.3	16.98	1559	173.2	4.03	W 16x50
W 410x85.0	417	181	10.9	18.2	108.6	85.0	31658	1518.4	17.07	1804	199.3	4.08	W 16x57
W 410x148.9	431	265	14.9	25	189.6	148.9	62018	2868	18.03	7742	585	6.38	W 16x100
W 460x52.0	450	152	7.6	10.8	66.6	52.0	21370	949.8	17.91	634	83.5	3.09	W 18x35
W 460x60.0	455	153	8	13.3	76.2	60.0	25652	1127.6	18.35	796	104.1	3.23	W 18x40
W 460x68.0	459	154	9.1	15.4	87.6	68.0	29851	1300.7	18.46	941	122.2	3.28	W 18x46
W 460x74.0	457	190	9	14.5	94.9	74.0	33415	1462.4	18.77	1661	174.8	4.18	W 18x50
W 460x82.0	460	191	9.9	16	104.7	82.0	37157	1615.5	18.84	1862	195	4.22	W 18x55
W 460x89.0	463	192	10.5	17.7	114.1	89.0	41105	1775.6	18.98	2093	218	4.28	W 18x60
W 460x97.0	466	193	11.4	19	123.4	97.0	44658	1916.7	19.03	2283	236.6	4.3	W 18x65
W 460x106.0	469	194	12.6	20.6	135.1	106	48978	2088.6	19.04	2515	259.3	4.32	W 18x71
W 530x66.0	525	165	8.9	11.4	83.6	66.0	34971	1332.2	20.46	857	103.9	3.2	W 21x44
W 530x72.0	524	207	9	10.9	91.6	72.0	39969	1525.5	20.89	1615	156	4.2	W 21x48
W 530x74.0	529	166	9.7	13.6	95.1	74.0	40969	1548.9	20.76	1041	125.5	3.31	W 21x50
W 530x82.0	528	209	9.5	13.3	104.5	82.0	47569	1801.8	21.34	2028	194.1	4.41	W 21x55
W 530x85.0	535	166	10.3	16.5	107.7	85.0	48453	1811.3	21.21	1263	152.2	3.42	W 21x57
W 530x92.0	533	209	10.2	15.6	117.6	92.0	55157	2069.7	21.65	2379	227.6	4.5	W 21x62
W 530x101.0	537	210	10.9	17.4	130	101	62198	2316.5	21.87	2693	256.5	4.55	W 21x68
W 530x109.0	539	211	11.6	18.8	139.7	109	67226	2494.5	21.94	2952	279.8	4.6	W 21x73
W 610x82.0	599	178	10	12.8	105	82.4	56191	1868	23.14	1211	136	3.4	W 24x55
W 610x101.0	603	228	10.5	14.9	130.3	101.0	77003	2554	24.31	2951	258.8	4.76	W 24x68
W 610x113.0	608	228	11.2	17.3	145.3	113.0	88196	2901.2	24.64	3426	300.5	4.86	W 24x76
W 610x125.0	612	229	11.9	19.6	160.1	125	99184	3241.3	24.89	3933	343.5	4.96	W 24x84
W 610x140.0	617	230	13.1	22.2	179.3	140	112619	3650.5	25.06	4515	392.6	5.02	W 24x94
W 610x153.0	623	229	14	24.9	195.4	153.5	124869	4015	25.3	4953	434	5.05	W 24x103
W 610x155.0	611	324	12.7	19	198.1	155.0	129583	4241.7	25.58	10783	665.6	7.38	W 24x104
W 610x174.0	616	325	14	21.6	222.8	174.0	147754	4797.2	25.75	12374	761.5	7.45	W 24x117



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