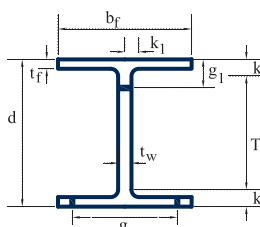
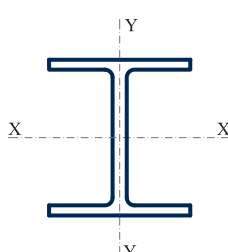


# IR PERFIL I RECTANGULAR

## DIMENSIONES



## PROPIEDADES



DESIGNACIÓN "peralte x peso"	PESO		Área		Patin		Distancia			Área	Eje X - X			Eje Y - Y			Constantes de torsión	
	d	tw	bf	tf	T	k	kl	I	S		r	I	S	r	J	C <sub>w</sub>		
Perfil	mm x kg/m	in. x lb/ft.	mm	mm	mm	mm	mm	mm	mm	cm <sup>2</sup>	cm <sup>4</sup>	cm <sup>3</sup>	cm	cm <sup>4</sup>	cm <sup>3</sup>	cm	mm	mm
IR 152 x 12.7	6 x 8.5	148	4.3	100	4.9	123	12	9	16.3	620	84	6.2	82	17	2.2	1.4	4222.30	
IR 152 x 13.6	6 x 9	150	4.3	100	5.5	121	14	10	17.3	683	91	6.3	91	18	2.3	1.7	4750.26	
IR 152 x 18.0	6 x 12	153	5.8	102	7.1	121	16	10	22.9	920	120	6.3	124	25	2.3	3.7	6598.91	
IR 152 x 24.0	6 x 16	160	6.6	102	10.3	121	19	11	30.6	1336	167	6.6	184	36	2.5	9.2	10308.64	
IR 152 x 22.4	6 x 15	152	5.8	152	6.6	120	16	10	28.6	1211	159	6.5	388	51	3.7	4.2	20506.93	
IR 152 x 29.7	6 x 20	157	6.6	153	9.3	119	19	11	37.9	1723	220	6.8	554	72	3.8	9.9	30214.18	
IR 152 x 37.2	6 x 25	162	8.1	154	11.6	121	21	11	47.4	2223	274	6.9	712	92	3.9	19.1	40263.88	
IR 203 x 15.0	8 x 10	200	4.3	100	5.2	169	16	11	19.1	1282	128	8.2	87	17	2.1	1.7	8253.48	
IR 203 x 19.4	8 x 13	203	5.8	102	6.5	168	17	11	24.8	1648	162	8.2	114	22	2.1	3.7	11004.49	
IR 203 x 22.5	8 x 15	206	6.2	102	8.0	168	19	13	28.6	1998	193	8.4	142	28	2.2	5.8	13917.42	
IR 203 x 26.6	8 x 18	207	5.8	133	8.4	169	19	11	33.9	2576	249	8.7	332	50	3.1	7.1	32736.83	
IR 203 x 31.2	8 x 21	210	6.4	134	10.2	169	21	13	39.7	3134	298	8.9	407	61	3.2	11.7	40618.64	
IR 203 x 35.9	8 x 24	201	6.2	165	10.2	157	22	14	45.7	3446	342	8.7	762	92	4.1	14.6	69350.84	
IR 203 x 41.8	8 x 28	205	7.2	166	11.8	157	24	14	53.2	4079	398	8.8	903	109	4.1	22.5	84263.99	
IR 203 x 46.2	8 x 31	203	7.2	203	11	156	24	14	58.9	4579	451	8.8	1544	152	5.1	22.5	142295.04	
IR 203 x 52.2	8 x 35	206	7.9	204	12.6	155	25	14	66.5	5286	511	8.9	1773	174	5.2	32.0	165791.28	
IR 203 x 59.3	8 x 40	210	9.1	205	14.2	156	27	16	75.5	6077	582	9	2044	200	5.2	46.6	195905.34	
IR 203 x 71.4	8 x 48	216	10.2	206	17.4	156	30	16	91.0	7659	710	9.2	2535	246	5.3	81.6	249963.42	
IR 203 x 86.6	8 x 58	222	13	209	20.6	156	33	17	110.3	9490	852	9.3	3126	300	5.3	139.0	316991.72	
IR 203 x 99.8	8 x 67	229	14.5	210	23.7	156	37	17	127.1	11321	990	9.4	3688	351	5.4	211.0	388605.4	
IR 254 x 17.9	10 x 12	251	4.8	101	5.3	219	16	11	22.8	2239	179	9.9	91	18	2	2.5	13733.83	
IR 254 x 22.3	10 x 15	254	5.8	102	6.9	219	17	11	28.5	2686	226	10	120	24	2.1	4.2	18317.52	
IR 254 x 25.3	10 x 17	257	6.1	102	8.4	219	19	13	32.2	3409	265	10.3	148	29	2.1	6.7	22866.73	
IR 254 x 28.5	10 x 19	260	6.4	102	10	219	21	13	36.3	4008	308	10.5	176	35	2.2	9.6	27500.00	
IR 254 x 32.9	10 x 22	258	6.1	146	9.1	220	19	13	41.9	4912	380	10.8	475	65	3.4	10.0	73567.06	
IR 254 x 38.5	10 x 26	262	6.6	147	11.2	218	22	13	49.1	5994	457	11	587	80	3.5	16.6	92306.69	
IR 254 x 44.8	10 x 30	266	7.6	148	13	218	24	13	57.0	7076	531	11.1	695	94	3.5	25.8	111215.64	
IR 254 x 49.2	10 x 33	247	7.4	202	11	193	27	17	62.6	7076	574	10.6	1523	151	4.9	24.1	212062.52	
IR 254 x 58.2	10 x 39	252	8	203	13.5	195	29	17	74.2	8699	690	10.8	1873	185	5	40.8	266351.14	
IR 254 x 67.4	10 x 45	257	8.9	202	16	193	32	17	85.8	10323	805	11	2223	218	5.1	62.9	322785.16	
IR 254 x 72.9	10 x 49	253	8.6	254	14.2	193	30	17	92.9	11321	895	11	3888	306	6.5	57.9	554287.28	
IR 254 x 80.0	10 x 54	256	9.4	255	15.6	193	32	17	101.9	12612	983	11.1	4287	338	6.5	75.8	619387.47	
IR 254 x 89.1	10 x 60	260	10.7	256	17.3	193	33	19	113.6	14193	1093	11.2	4828	377	6.5	103.0	710962.71	
IR 254 x 101.3	10 x 68	264	11.9	257	19.6	194	35	19	129.0	16400	1240	11.3	5577	433	6.6	148.0	832804.49	
IR 254 x 114.5	10 x 77	269	13.5	259	22.1	193	38	21	145.8	18938	1408	11.4	6410	493	6.6	213.0	976877.75	
IR 254 x 131.2	10 x 88	275	15.4	261	25.1	193	41	21	167.1	22227	1614	11.5	7451	570	6.7	313.0	1163287.56	
IR 254 x 148.9	10 x 100	282	17.3	263	28.4	193	44	22	189.7	25931	1835	11.7	8616	655	6.7	454.0	1385301.16	
IR 254 x 166.6	10 x 112	289	19.2	265	31.8	193	48	24	212.3	29802	2065	11.8	9823	742	6.8	629.0	1624523.81	
IR 305 x 21.1	12 x 14	303	5	101	5.7	268	17	13	26.8	3688	244	11.7	98	20	1.9	2.9	21654.89	
IR 305 x 23.9	12 x 16	305	5.6	101	6.7	266	19	13	30.4	4287	280	11.9	117	23	2	4.2	26027.50	
IR 305 x 28.2	12 x 19	309	6	102	8.9	268	21	13	35.9	5411	349	12.2	157	31	2.1	7.5	35348.55	
IR 305 x 32.8	12 x 22	313	6.6	102	10.8	268	22	13	41.8	6493	416	12.5	194	38	2.2	12.0	44292.55	
IR 305 x 38.7	12 x 26	310	5.8	165	9.7	266	22	13	49.4	8491	547	13.1	720	88	3.8	12.5	162324.16	
IR 305 x 44.5	12 x 30	313	6.6	166	11.2	266	24	13	56.7	9906	633	13.2	845	102	3.9	19.1	192413.34	
IR 305 x 52.2	12 x 35	318	7.6	167	13.2	267	25	14	66.5	11863	747	13.3	1020	122	3.9	30.8	236902.75	
IR 305 x 59.8	12 x 40	303	7.5	203	13.1	240	32	19	76.1	12903	850	13	1836	180	4.9	39.5	385752.83	
IR 305 x 66.9	12 x 45	306	8.5	204	14.6	243	32	21	85.2	14568	952	13.1	2081	203	4.9	54.5	441764.88	
IR 305 x 74.4	12 x 50	310	9.4	205	16.3	240	35	21	94.8	16400	1060	13.2	2343	228	5	74.1	505266.13	
IR 305 x 79.0	12 x 53	306	8.8	254	14.6	243	32	21	100.7	17690	1157	13.3	3987	315	6.3	65.8	846379.90	
IR 305 x 86.1	12 x 58	310	9.1	254	16.3	240	35	21	109.7	19771	1278	13.4	4454	351	6.4	87.4	960501.65	
IR 305 x 96.7	12 x 65	308	9.9	305	15.4	241	33	21	123.2	22185	1440	13.4	7242	477	7.7	90.7	1550055.23	
IR 305 x 106.9	12 x 72	311	10.9	306	17	241	35	22	136.1	24850	1596	13.5	8116	531	7.7	122.0	1753786.44	
IR 305 x 117.5	12 x 79	314	11.9	307	18.7	241	37	22	149.7	27554	1753	13.6	8991	587	7.7	160.0	1960084.98	
IR 305 x 129.7	12 x 87	318	13.1	308	20.6	242	38	22	165.2	30801	1934	13.7	10031	651	7.8	212.0	2218023.62	
IR 305 x 142.8	12 x 96	323	14	309	22.9	240	41	22	181.9	34672	2147	13.8	11238	728	7.8	286.0	2530235.98	
IR 305 x 158.0	12 x 106	327	15.5	310	25.1	242	43	24	201.3	38834	2376	13.9	12529	808	7.9	380.0	2854845.72	
IR 305 x 178.8	12 x 120	333	18	312	28.1	241	46	25	227.8	44537	2671	14	14360	920	8	537.0	3337407.96	
IR 356 x 32.9	14 x 22	349	5.8	127	8.5	305	22	14	41.9	8283	475	14.1	291	46	2.6	8.7	84346.53	
IR 356 x 38.9	14 x 26	353	6.4	128	10.7	306	24	14	49.6	10198	578	14.4	371	58	2.7	15.0	108674.52	
IR 356 x 44.8	14 x 30	352	6.9	171	9.8	304	24	16	57.1	12112	688	14.6	816	95	3.8	15.8	238885.71	
IR 356 x 50.6	14 x 34	355	7.2	171	11.6	304	25	16	64.5	14152	796	14.8	970	113	3.9	23.7	285964.63	
IR 356 x 56.7	14 x 38	358	7.9	172	13.1	304	27	16	72.3	16025	895	14.9	1111	129	3.9	33.3	330400.32	
IR 356 x 63.8	14 x 43	347	7.8	203	13.5	280	33	22	81.3	17815	1027	14.8	1881	185	4.8	43.7	523022.63	
IR 356 x 71.4	14 x 48	350	8.6	204	15.1	280	35	22	91.0	20187	1152	14.9	2139	210	4.9	60.8	599764.96	
IR 356 x 79.0	14 x 53	354	9.4	205	16.8	281	37	24	100.7	22518	1275	15.0	2402	234	4.9	80.7	682791.56	
IR 356 x 90.7	14 x 61	353	9.5	254	16.4	280	37	24	115.5	26640	15111	15.2	4454	352	6.2	91.6	1261590.60	
IR 356 x 101.3	14 x 68	357	10.5	255	18.3	280	38	24	129.0	30093	1688	15.3	5036	397	6.2	125.7	1444295.72	
IR 356 x 110.4	14 x 74	360	11.4	256	19.9	281	40	24	140.7	33132	1835	15.3	5577	436	6.3	161.5	1612701.23	
IR 356 x 122.1	14 x																	