

# VIGA IPR

Figura de acero en forma de H, se lámina en caliente y cuenta con una alta resistencia se utiliza principalmente como refuerzo estructural para proyectos de construcción.

## USOS

- Edificios
- Naves industriales
- Puentes
- Etc.



## DIMENSIONES PROPIEDADES

Perfil IPR	Peso		Área	Peralte (d)	Espesor del alma	Patín (b)	Espesor del Patín	Eje x - x			Eje y - y		
	d x b	Kg/m. Lb/Pie.						cm <sup>2</sup>	mm	mm	mm	mm	I
Pulg.	mm.							cm <sup>4</sup>	cm <sup>3</sup>	cm	cm <sup>4</sup>	cm <sup>3</sup>	cm
6" x 4"	150 x 100	13.6 9.0	17.3	150.0	4.3	100.0	5.5	683	91	6.3	91	18	2.3
	153 x 102	18.0 12.0	22.9	153.0	5.8	102.0	7.1	920	120	6.3	124	25	2.3
	160 x 102	24.0 16.0	30.6	160.0	6.6	102.0	10.3	1,336	167	6.6	184	36	2.5
8" x 4"	200 x 100	15.0 10.0	19.1	200.0	4.3	100.0	5.2	1,282	128	8.2	87	17	2.1
	203 x 102	19.4 13.0	24.8	203.0	5.8	102.0	6.5	1,648	162	8.2	114	22	2.1
	206 x 102	22.5 15.0	28.6	206.0	6.2	102.0	8.0	1,998	193	8.4	142	28	2.2
8" x 5 1/4"	207 x 133	26.6 18.0	33.9	207.0	5.8	133.0	8.4	2,576	249	8.7	332	50	3.1
	210 x 134	31.2 21.0	39.7	210.0	6.4	134.0	10.2	3,134	298	8.7	407	61	3.2
10" x 4"	251 x 101	17.9 12.0	22.8	251.0	4.8	101.0	5.3	2,239	179	9.9	91	18	2.0
	254 x 102	22.3 15.0	28.5	254.0	5.8	102.0	6.9	2,286	226	10.0	120	24	2.1
	257 x 102	25.3 17.0	32.2	257.0	6.1	102.0	8.4	3,409	265	10.3	148	29	2.1
	260 x 102	28.5 19.0	36.3	260.0	6.4	102.0	10.0	4,008	308	10.5	176	35	2.2
10" x 5 3/4"	258 x 146	32.9 22.0	41.9	258.0	6.1	146.0	9.1	4,912	380	10.8	475	65	3.4
	262 x 147	38.5 26.0	49.1	262.0	6.6	147.0	11.2	5,994	457	11.0	587	80	3.5
	266 x 148	44.8 30.0	57.0	266.0	7.6	148.0	13.0	7,076	531	11.1	695	94	3.5
12" x 4"	303 x 101	21.1 14.0	26.8	303.0	5.0	101.0	5.7	3,688	244	11.7	98	20	1.9
	305 x 101	23.9 16.0	30.4	305.0	5.6	101.0	6.7	4,287	280	11.9	117	23	2.0
	309 x 102	28.2 19.0	35.9	309.0	6.0	102.0	8.9	5,411	349	12.2	157	31	2.1
	313 x 102	32.8 22.0	41.8	313.0	6.6	102.0	10.8	6,493	416	12.5	194	38	2.2
12" x 6 1/2"	310 x 165	38.7 26.0	49.4	310.0	5.8	165.0	9.7	8,491	547	13.1	720	88	3.8
	313 x 166	44.5 30.0	56.7	313.0	6.6	166.0	11.2	9,906	633	13.2	845	102	3.9
	318 x 167	52.2 35.0	66.5	318.0	7.6	167.0	13.2	11,863	747	13.3	1020	122	3.9
12" x 8"	303 x 203	59.8 40.0	76.1	303.0	7.5	203.0	13.1	12,903	850	13.0	1,836	180	4.9
	306 x 204	66.9 45.0	82.2	306.0	8.5	204.0	14.6	14,568	952	13.1	2,081	203	4.9
	310 x 205	74.4 50.0	94.8	310.0	9.4	205.0	16.3	16,400	1,060	13.2	2,343	228	5.0
14" x 6 3/4"	352 x 171	44.8 30.0	57.1	352.0	6.9	171.0	9.8	12,112	688	14.6	816	95	3.8
	355 x 171	50.6 34.0	64.5	355.0	7.2	171.0	11.6	14,152	796	14.8	970	113	3.9
	358 x 172	56.7 38.0	72.3	358.0	7.9	172.0	13.1	16,025	895	14.9	1011	129	3.9

**DIMENSIONES**

**PROPIEDADES**

Perfil IPR	Peso		Área cm <sup>2</sup>	Peralte (d) mm	Espesor del alma mm	Patin (b) mm	Espesor del Patin mm	Eje x - x			Eje y - y			
	Kg/m.	Lb/Pie.						I cm <sup>4</sup>	S cm <sup>3</sup>	R cm	I cm <sup>4</sup>	S cm <sup>3</sup>	R cm	
d x b														
Pulg.	mm.													
14" x 8"	347 x 203	63.8	43.0	81.3	347.0	7.8	203.0	13.5	17,815	1,027	14.8	1,881	185	4.8
	350 x 204	71.4	48.0	91.0	350.0	8.6	204.0	15.1	20,187	1,152	14.9	2,139	210	4.9
	354 x 205	79.0	53.0	100.7	354.0	9.4	205.0	16.8	22,518	1,275	15.0	2,402	234	4.9
16" x 7"	403 x 177	52.7	36.0	68.4	403.0	7.5	177.0	10.9	18,647	926	16.5	1,020	115	3.9
	407 x 178	59.8	40.0	76.1	407.0	7.8	178.0	12.8	21,561	1,060	16.8	1,203	135	4.0
	410 x 179	67.4	45.0	85.8	410.0	8.8	179.0	14.4	24,391	1,191	16.9	1,365	153	4.0
	413 x 180	74.4	50.0	94.8	413.0	9.7	180.0	16.0	27,430	1,327	17.0	1,548	172	4.0
18" x 7 1/2"	466 x 193	96.7	65.0	123.2	466.0	11.4	193.0	19.1	44,537	1,917	19.0	2,281	236	4.3
	469 x 194	105.3	71.0	134.2	469.0	12.6	194.0	20.6	48,699	2,081	19.1	2,510	259	4.3
18" x 11"	463 x 280	112.9	76.0	143.9	463.0	10.8	280.0	17.3	55,359	2,393	19.6	6,327	452	6.6
	467 x 282	128.1	86.0	163.2	467.0	12.2	282.0	19.6	63,683	2,720	19.7	7,284	518	6.7
	472 x 283	144.3	97.0	183.9	472.0	13.6	283.0	22.1	72,840	3,081	19.9	8,366	592	6.7
	476 x 284	157.5	106.0	200.7	476.0	15.0	284.0	23.9	79,500	3,343	19.9	9,157	646	6.8
	482 x 286	177.8	119.0	226.5	482.0	16.0	286.0	26.9	91,154	3,785	20.0	10,531	736	6.8
21" x 6 1/2"	525 x 165	65.8	44.0	83.9	525.0	8.9	165.0	11.4	35,088	1,337	20.5	862	104	3.2
	529 x 166	74.4	50.0	94.8	529.0	9.7	166.0	13.6	40,957	1,549	20.8	1,036	125	3.3
	535 x 166	84.6	57.0	107.7	535.0	10.3	166.0	16.5	48,699	1,819	21.2	1,274	153	3.4
21" x 8 1/4"	533 x 209	92.7	62.0	118.1	533.0	10.2	209.0	15.6	55,359	2,081	21.7	2,393	228	4.5
	537 x 210	101.3	68.0	129.0	537.0	10.9	210.0	17.4	61,602	2,294	21.8	2,693	257	4.6
	539 x 211	108.9	73.0	138.7	539.0	11.6	211.0	18.8	66,597	2,474	21.9	2,939	279	4.6
	544 x 212	123.1	83.0	156.8	544.0	13.1	212.0	21.2	76,170	2,802	22.0	3,388	320	4.6
	549 x 214	138.3	93.0	176.1	549.0	14.7	214.0	23.6	86,160	3,146	22.1	3,867	362	4.7
24" x 9"	603 x 228	101.6	68.0	129.7	603.0	10.5	228.0	14.9	76,170	2,524	24.3	2,930	257	4.8
	608 x 228	113.4	76.0	144.5	608.0	11.2	228.0	17.3	87,408	2,884	24.6	3,434	302	4.9
	612 x 229	125.1	84.0	159.4	612.0	11.9	229.0	19.6	98,647	3,212	24.9	3,929	342	5.0
	617 x 230	140.3	94.0	178.7	617.0	13.1	230.0	22.2	112,382	3,638	25.1	4,537	393	5.0
27" x 10"	678 x 253	125.6	84.0	160.0	678.0	11.7	253.0	16.3	118,626	3,490	27.2	4,412	347	5.3
	684 x 254	140.3	94.0	178.7	684.0	12.4	254.0	18.9	136,107	3,982	27.7	5,161	406	5.4
	688 x 254	151.9	102.0	193.6	688.0	13.1	254.0	21.1	150,675	4,375	27.9	5,786	456	5.5
	693 x 256	169.7	114.0	216.1	693.0	14.5	256.0	23.6	170,238	4,900	28.0	6,618	516	5.5
30" x 10 1/2"	753 x 265	147.4	99.0	187.8	753.0	13.2	265.0	17.0	166,076	4,408	29.7	5,328	401	5.3
	758 x 266	160.5	108.0	204.5	758.0	13.8	266.0	19.3	186,055	4,900	30.2	6,077	457	5.5
	762 x 267	173.2	116.0	220.7	762.0	14.4	267.0	21.6	205,201	5,391	30.5	6,826	513	5.6
	766 x 267	184.9	124.0	235.5	766.0	14.9	267.0	21.6	223,100	5,817	30.7	7,534	564	5.7
	770 x 268	197.0	132.0	251.0	770.0	15.6	268.0	25.4	240,165	6,227	31.0	8,158	610	5.7
33" x 11 1/2"	835 x 292	175.7	118.0	223.9	835.0	14.0	292.0	18.8	245,576	5,883	33.0	7,784	534	5.9
	840 x 292	194.0	130.0	247.1	840.0	14.7	292.0	21.7	279,290	6,653	33.5	9,074	621	6.1
	846 x 293	210.7	141.0	268.4	846.0	15.4	293.0	24.4	310,091	7,341	34.0	10,240	700	6.2
	851 x 294	226.4	152.0	288.4	851.0	16.1	294.0	26.8	339,644	7,980	34.3	11,363	773	6.3
36" x 12"	903 x 304	201.1	135.0	256.1	903.0	15.2	304.0	20.1	324,659	7,194	35.6	9,365	618	6.0
	911 x 304	223.9	150.0	285.2	911.0	15.9	304.0	23.9	376,272	8,259	36.3	11,238	739	6.3
	915 x 305	238.0	160.0	303.2	915.0	16.5	305.0	25.9	405,824	8,882	36.6	12,279	805	6.4
	919 x 306	253.2	170.0	322.6	919.0	17.3	306.0	27.9	437,042	9,504	36.8	13,319	872	6.4
	923 x 307	271.5	182.0	345.8	923.0	18.4	307.0	30.0	470,400	10,209	36.8	14,443	944	6.5
	927 x 308	288.7	194.0	367.8	927.0	19.4	308.0	32.0	503,638	10,881	37.0	15,609	1,014	6.5
	932 x 309	313.0	210.0	398.7	932.0	21.1	309.0	34.5	549,424	11,782	37.1	17,107	1,106	6.6