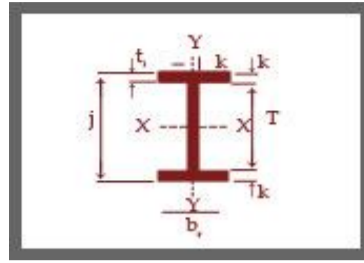


# VIGA IPR



Perfil IPR	Peso	Área	Peralte d	Patín b		Espesor del alma	Eje - X X			Eje - Y Y		
				Ancho mm	Espesor mm		I cm <sup>4</sup>	S cm <sup>3</sup>	r cm	I cm <sup>4</sup>	S cm <sup>3</sup>	r cm
6" x 4" 152.4x101.6	13.4	17.29	149.86	100.07	5.46	4.31	682.61	91.11	6.27	91.57	18.18	2.29
	17.9	22.77	152	102	7.1	5.8	903	119	6.3	120.2	23	2.3
	23.8	30.45	159	102	10.3	6.6	1,318.00	165	6.58	197.8	35	2.43
8" x 4" 203.2x101.6	14.9	19.03	201	100	5.2	4.3	1,282.00	127	8.2	92.8	16	2.08
	19.4	24.71	203	102	6.5	5.8	1,644.00	162	8.15	109	21	2.1
	22.4	28	206	102	8	6.2	1,998.00	193	8.35	137.3	27	2.19
8" x 5 1/4" 203.2x133.4	26.9	33.93	206.75	133.35	8.38	5.84	2,576.47	249.08	8.71	331.73	49.81	3.12
	31.3	39.74	120.31	133.85	10.16	6.35	3,134.22	298.24	8.86	406.65	60.79	3.2
10" x 4" 254.0x146.0	17.9	21.87	151	100	5.2	4.6	2,160.00	172	9.96	83.6	17	1.95
	22.4	28.38	254	102	6.8	5.8	2,864.00	226	10.03	116.1	23	2.02
	25.5	32.13	257	102	8.4	6.1	3,405.00	265	10.28	143.6	28	2
	28.3	36.19	260	102	10	6.4	4,004.00	308	10.52	174.4	34	2.19
10" x 5 3/4" 254.0x146.0	32.8	42.87	258.31	146.05	9.14	6.09	4,911.53	380.18	10.84	474.5	65.05	3.37
	38.7	47.09	262.38	146.55	11.17	6.6	5,993.73	457.2	11.04	586.88	80.13	3.45
	44.7	57.03	265.93	148.57	12.95	7.62	7,075.93	530.94	11.12	695.1	94.22	3.47
12" x 4" 304.8x101.6	20.9	26.71	302	100	5.7	5.1	3,671.00	243	11.71	93.6	18	1.87
	23.8	30.38	304.54	101.34	6.73	5.58	4,287.18	280.22	11.86	117.37	23.1	1.96
	28.3	36.25	307	102	8.9	6.1	5,415.00	350	12.22	152.7	30	2.05
	32.8	41.74	313	102	10.8	6.6	6,481.00	414	12.47	189.3	37	2.13
12" x 6 1/2" 304.8x165.1	38.7	49.35	310.38	168.48	9.65	5.84	8,491.12	547.33	13.13	720.08	87.5	3.83
	44.7	56.7	313.43	165.6	11.17	6.6	9,906.30	632.54	13.23	844.94	102.25	3.86
	52.2	66.45	317.5	166.62	13.2	7.62	11,862.59	747.25	13.33	1,019.75	122.41	3.91
12" x 8" 304.8x203.2	559.6	75.94	303	203	13.1	7.5	12,907.00	850	13.03	1,835.00	180	4.92
	67.1	85.42	306	204	14.6	8.5	14,600.00	953	13.08	2,081.00	203	4.92
	74.5	94.9	309	205	16.3	9.4	16,420.00	1,060.00	13.15	2,347.00	229	4.97
14" x 6 3/4" 355.6x171.4	44.7	56.84	352	171	9.7	6.9	12,053.00	685	14.5	728	85	3.58
	50.7	64.52	356	171	11.5	7.3	14,117.00	795	14.8	886	103	3.7
	56.6	72.06	359	172	13	7.9	16,036.00	895	14.9	1,023.00	120	3.78
14" x 8" 355.6x203.2	64.1	81.61	347	203	13.4	7.8	17,856.00	1,027.00	14.78	1,877.00	185	4.8
	71.5	97.03	351	204	15.1	8.6	20,183.00	1,150.00	14.88	2,135.00	209	4.85
	79	100.58	354	205	16.7	9.4	22,562.00	1,275.00	14.98	2,403.00	234	4.87
16" x 7" 406.4x177.8	53.6	68.32	403	177	10.9	7.6	18,576.00	923	16.48	920	103	3.68
	59.6	75.94	406	178	12.7	7.8	21,457.00	1,055.00	16.81	1,103.00	125	3.61
	67.1	85.42	409	179	14.3	8.8	24,279.00	1,186.00	16.87	1,270.00	143	3.86
	74.5	94.84	413	180	15.9	9.6	27,280.00	1,322.00	16.97	1,448.00	161	3.91
18" x 7 1/2" 457.2x190.5	96.9	123.22	466.09	192.78	19.5	11.43	44,537.76	1,917.29	19.02	2,280.94	235.97	4.29
	105.6	134.19	169.163	193.92	20.57	12.57	48,699.07	2,081.16	19.05	2,509.87	258.91	4.31
18" x 11" 457x279.4	113.2	143.87	462.53	280.29	17.27	10.79	55,358.78	2,392.52	19.63	6,326.71	452.28	6.62
	128.1	163.22	467.1	281.68	19.55	12.19	63,683.40	2,720.26	19.73	7,284.05	517.83	6.68
	144.3	183.87	472.18	283.08	22.09	13.58	72,840.50	3,080.78	19.86	8,366.25	591.57	6.73
	157.7	200.64	475.74	284.48	23.87	14.98	79,500.20	3,342.98	19.91	9,157.09	645.65	6.75
	177.3	226.45	481.83	286.13	26.92	16.63	91,154.68	3,785.43	20.06	10,530.65	735.78	6