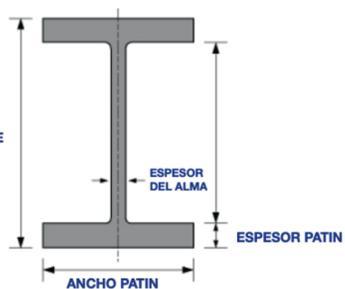
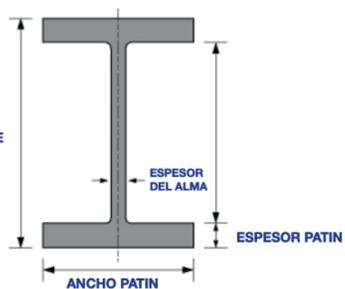


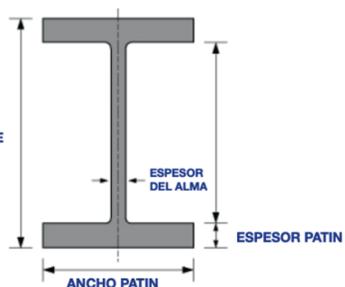
VIGA IPR								
DIMENSIONES		PESO		PERALTE	ESPELOR DEL ALMA	PATIN		
PULGADAS	MILIMETROS	KG/METRO	LBS/PIE	PULGADAS - MILIMETROS	PULGADAS - MILIMETROS	ANCHO PULG-MM	ESPELOR PULG-MM	
4" x 4"	101.6 x 101.6	19.3	13	4.16 – 106	0.28 – 7.1	4.05 – 103	0.34 – 8.8	
5" x 5"	127.0 x 127.0	23.80	16	5.00 – 127	0.24 – 6.1	5.00 – 127	0.35 – 9.1	
		28.30	19	5.16 – 131	0.27 – 6.9	5.04 – 128	0.43 – 10.9	
6" x 4"	152.4 x 101.6	12.70	8	5.83 – 148	0.17 – 4.3	3.94 – 100	0.19 – 4.8	
		13.40	9	5.90 – 150	0.17 – 4.3	3.94 – 100	0.22 – 5.6	
		17.90	12	6.03 – 153	0.23 – 5.8	4.00 – 102	0.28 – 7.1	
		23.80	16	6.28 – 160	0.26 – 6.6	4.03 – 102	0.41 – 10.4	
6" x 6"	152.4 x 152.4	22.3	15	5.99 – 152	0.23 – 5.8	5.99 – 152	0.26 – 6.6	
		29.8	20	6.20 – 157	0.26 – 6.6	6.02 – 153	0.37 – 9.4	
		37.2	25	6.38 – 162	0.32 – 8.1	6.08 – 154	0.46 – 11.7	
8" x 4"	203.2 x 101.6	14.9	10	7.89 – 200	0.17 – 4.3	3.94 – 100	0.21 – 5.3	
		19.3	13	7.99 – 203	0.23 – 5.8	4.00 – 102	0.26 – 6.6	
		22.3	15	8.11 – 206	0.25 – 6.3	4.02 – 102	0.32 – 8.1	
8" x 5 1/4"	203.2 x 133.3	26.8	18	8.14 – 207	0.23 – 5.8	5.25 – 133	0.33 – 8.4	
		31.3	21	8.28 – 210	0.25 – 6.3	5.27 – 134	0.40 – 10.2	
8" x 6 1/2"	203.2 x 165.1	35.7	24	7.93 – 201	0.25 – 6.3	6.50 – 165	0.40 – 10.2	
		41.7	28	8.06 – 205	0.29 – 7.4	6.54 – 166	0.47 – 11.9	



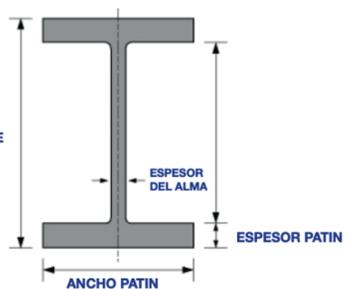
VIGA IPR								
DIMENSIONES		PESO		PERALTE	ESPOSOR DEL ALMA	PATIN		
PULGADAS	MILIMETROS	KG/METRO	LBS/PIE	PULGADAS - MILIMETROS	PULGADAS - MILIMETROS	ANCHO	PULG-MM	ESPOSOR PULG-MM
8" x 8"	203.2 x 203.2	46.1	31	8.00 – 203	0.29 – 7.4	8.00 – 203	0.44 – 11.2	
		52.1	35	8.12 – 206	0.31 – 7.9	8.02 – 204	0.50 – 12.7	
		59.5	40	8.25 – 210	0.36 – 9.1	8.07 – 205	0.56 – 14.2	
		71.4	48	8.50 – 216	0.40 – 10.2	8.11 – 206	0.69 – 17.4	
		86.0	58	8.74 – 222	0.51 – 13.0	8.23 – 209	0.81 – 20.6	
		99.0	67	9.02 – 229	0.57 – 14.5	8.27 – 210	0.93 – 23.7	
10" x 4"	254.0 x 101.6	17.9	12	9.87 – 251	0.19 – 4.8	3.96 – 101	0.21 – 5.3	
		22.3	15	9.99 – 254	0.23 – 5.8	4.00 – 102	0.27 – 6.9	
		25.3	17	10.11 – 257	0.24 – 6.1	4.01 – 102	0.33 – 8.4	
		28.3	19	10.24 – 260	0.25 – 6.3	4.02 – 102	0.40 – 10.2	
10" x 5 3/4"	254.0 x 146.0	32.7	22	10.17 – 258	0.24 – 6.1	5.75 – 146	0.36 – 9.1	
		38.7	26	10.33 – 262	0.26 – 6.6	5.77 – 147	0.441 – 11.2	
		44.6	30	10.47 – 266	0.30 – 7.6	5.81 – 148	0.511 – 13.0	
10" x 8"	254.0 x 203.2	49.1	33	9.73 – 247	0.29 – 7.4	7.96 – 202	0.44 – 11.2	
		58.0	39	9.92 – 252	0.32 – 8.1	7.99 – 203	0.53 – 13.5	
		67.0	45	10.10 – 257	0.35 – 8.9	8.02 – 204	0.62 – 15.7	



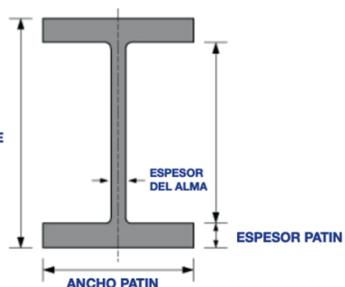
VIGA IPR								
DIMENSIONES		PESO		PERALTE	ESPELOR DEL ALMA	PATIN		
PULGADAS	MILIMETROS	KG/METRO	LBS/PIE	PULGADAS - MILIMETROS	PULGADAS - MILIMETROS	ANCHO	PULG-MM	ESPELOR PULG-MM
10" x 10"	254.0 x 254.0	72.9	49	9.98 – 253	0.34 – 8.6	10.00 – 254	0.56 – 14.2	
		80.4	54	10.09 – 256	0.37 – 9.4	10.03 – 255	0.62 – 15.7	
		89.4	60	10.22 – 260	0.42 – 10.7	10.08 – 256	0.68 – 17.3	
		101.2	68	10.40 – 264	0.47 – 11.9	10.13 – 257	0.77 – 19.6	
		114.6	77	10.60 – 269	0.53 – 13.5	10.19 – 259	0.87 – 22.1	
		131.1	88	10.84 – 275	0.61 – 15.4	10.26 – 261	0.99 – 25.1	
		149.0	100	11.10 – 282	0.68 – 17.3	10.35 – 263	1.12 – 28.4	
		167.0	112	11.38 – 289	0.76 – 19.2	10.43 – 265	1.25 – 31.8	
12" x 4"	304.8 x 101.6	20.8	14	11.91 – 303	0.20 – 5.1	3.97 – 101	0.23 – 5.8	
		23.8	16	11.99 – 305	0.22 – 5.6	3.99 – 101	0.27 – 6.9	
		28.3	19	12.16 – 309	0.24 – 6.1	4.01 – 102	0.35 – 8.9	
		32.7	22	12.31 – 313	0.26 – 6.6	4.03 – 102	0.43 – 10.9	
12" x 6 1/2"	304.8 x 165.1	38.7	26	12.22 – 310	0.23 – 5.8	6.49 – 165	0.38 – 9.7	
		44.6	30	12.34 – 313	0.26 – 6.6	6.52 – 166	0.44 – 11.2	
		52.1	35	12.50 – 317	0.30 – 7.6	6.56 – 167	0.52 – 13.2	
12" x 8"	304.8 x 203.2	59.5	40	11.94 – 303	0.30 – 7.6	8.01 – 203	0.52 – 13.2	
		67.0	45	12.06 – 306	0.34 – 8.6	8.05 – 204	0.58 – 14.7	
		74.4	50	12.19 – 310	0.37 – 9.4	8.08 – 205	0.64 – 16.3	
12" x 10"	304.8 x 254.0	78.9	53	2.06 – 306	0.35 – 8.9	10.00 – 254	0.58 – 14.7	
		86.3	58	12.19 – 310	0.36 – 9.1	10.01 – 254	0.64 – 16.3	



VIGA IPR								
DIMENSIONES		PESO		PERALTE	ESPELOR DEL ALMA	PATIN		
PULGADAS	MILIMETROS	KG/METRO	LBS/PIE	PULGADAS - MILIMETROS	PULGADAS - MILIMETROS	ANCHO PULG-MM	ESPELOR PULG-MM	
12" x 12"	304.8 x 304.8	96.7	65	12.12 – 308	0.39 – 9.9	12.00 – 305	0.61 – 15.5	
		107.1	72	12.25 – 311	0.43 – 10.9	12.04 – 306	0.67 – 17.0	
		117.6	79	12.38 – 314	0.47 – 11.9	12.08 – 307	0.74 – 18.8	
		129.6	87	12.53 – 318	0.52 – 13.1	12.13 – 308	0.81 – 20.6	
		142.9	96	12.71 – 323	0.55 – 14.0	12.16 – 309	0.90 – 22.9	
		157.9	106	12.89 – 327	0.61 – 15.5	12.22 – 301	0.99 – 25.1	
		178.6	120	13.12 – 333	0.71 – 18.0	12.32 – 313	1.10 – 28.1	
		202.4	136	13.41 – 341	0.79 – 20.1	12.40 – 315	1.25 – 31.8	
		226.2	152	13.71 – 348	0.87 – 22.1	12.48 – 317	1.40 – 35.6	
		253.0	170	14.03 – 356	0.96 – 24.4	12.57 – 319	1.56 – 39.6	
14" x 5"	355.6 x 127	32.7	22	13.74 – 349	0.23 – 5.8	5.00 – 127	0.34 – 8.6	
		38.7	26	13.91 – 353	0.26 – 6.6	5.03 – 128	0.42 – 10.7	
14" x 6 3/4"	355.6 x 171.4	44.6	30	13.84 – 352	0.27 – 6.9	6.73 – 171	0.39 – 9.9	
		50.6	34	13.98 – 355	0.29 – 7.4	6.75 – 171	0.46 – 11.7	
		56.5	38	14.10 – 358	0.31 – 7.9	6.77 – 172	0.52 – 13.2	
14" x 8"	355.6 x 203.2	64.0	43	13.66 – 347	0.31 – 7.9	8.00 – 203	0.53 – 13.5	
		71.4	48	13.79 – 350	0.34 – 8.6	8.03 – 204	0.60 – 15.2	
		78.9	53	13.92 – 354	0.37 – 9.4	8.06 – 205	0.66 – 16.8	
14" x 10"	355.6 x 254.0	90.8	61	13.89 – 353	0.38 – 9.7	10.00 – 254	0.65 – 16.5	
		101.2	68	14.04 – 357	0.42 – 10.7	10.04 – 255	0.72 – 18.3	
		110.1	74	14.17 – 360	0.45 – 11.4	10.07 – 256	0.79 – 20.1	
		122.0	82	14.31 – 363	0.51 – 13.0	10.13 – 257	0.86 – 21.8	



VIGA IPR								
DIMENSIONES		PESO		PERALTE	ESPOSOR DEL ALMA	PATIN		
PULGADAS	MILIMETROS	KG/METRO	LBS/PIE	PULGADAS - MILIMETROS	PULGADAS - MILIMETROS	ANCHO PULG-MM	ESPOSOR PULG-MM	
14" x 14 1/2"	355.6 x 368.3	133.9	90	14.02 – 356	0.44 – 11.2	14.52 – 369	0.71 – 18.0	
		147.3	99	14.16 – 360	0.49 – 12.4	14.57 – 370	0.78 – 19.8	
		162.2	109	14.32 – 364	0.53 – 13.5	14.61 – 371	0.86 – 21.8	
		178.6	120	14.48 – 368	0.59 – 15.0	14.67 – 373	0.94 – 23.9	
		196.4	132	14.66 – 372	0.65 – 16.5	14.73 – 374	1.03 – 26.2	
14" x 16"	355.6 x 406.4	215.8	145	14.78 – 375	0.68 – 17.3	15.50 – 394	1.09 – 27.7	
		236.6	159	14.98 – 380	0.75 – 19.0	15.57 – 395	1.19 – 30.2	
		261.9	176	15.22 – 387	0.83 – 21.1	15.65 – 398	1.31 – 33.3	
		287.2	193	15.48 – 393	0.89 – 22.6	15.71 – 399	1.44 – 36.6	
		314.0	211	15.72 – 399	0.98 – 24.9	15.80 – 401	1.56 – 39.6	
		346.7	233	16.04 – 407	1.07 – 27.2	15.89 – 404	1.72 – 43.7	
		382.4	257	16.38 – 416	1.17 – 29.7	15.99 – 406	1.89 – 48.0	
		421.1	283	16.74 – 425	1.29 – 32.8	16.11 – 409	2.07 – 52.6	
		462.8	311	17.12 – 434	1.41 – 35.8	16.23 – 412	2.26 – 57.4	
16" x 5 1/2"	406.4 x 139.7	38.7	26	15.69 – 399	0.25 – 6.3	5.50 – 140	0.35 – 8.9	
		46.1	31	15.88 – 403	0.28 – 7.1	5.53 – 140	0.44 – 11.2	
16" x 7"	406.4 x 177.8	53.6	36	15.86 – 403	0.30 – 7.6	6.99 – 178	0.43 – 10.9	
		59.5	40	16.01 – 407	0.31 – 7.9	7.00 – 178	0.51 – 13.0	
		67.0	45	16.13 – 410	0.35 – 8.9	7.04 – 179	0.57 – 14.5	
		74.4	50	16.26 – 413	0.38 – 9.7	7.07 – 180	0.63 – 16.0	
		84.8	57	16.43 – 417	0.43 – 10.9	7.12 – 181	0.72 – 18.3	



VIGA IPR								
DIMENSIONES		PESO		PERALTE	ESPOSOR DEL ALMA	PATIN		
PULGADAS	MILIMETROS	KG/METRO	LBS/PIE	PULGADAS - MILIMETROS	PULGADAS - MILIMETROS	ANCHO	PULG-MM	ESPOSOR PULG-MM
16" x 10 1/4"	406.4 x 260.3	99.7	67	16.33 – 415	0.40 – 10.2	10.24 – 260	0.67 – 17.0	
		114.6	77	16.52 – 420	0.46 – 11.7	10.30 – 262	0.76 – 19.3	
		132.6	89	16.75 – 425	0.53 – 13.3	10.37 – 263	0.88 – 22.2	
		149.0	100	16.97 – 431	0.59 – 14.9	10.43 – 265	0.99 – 25.0	
18" x 6"	457.2 x 152.4	52.1	35	17.70 – 450	0.30 – 7.6	6.00 – 152	0.43 – 10.9	
		59.5	40	17.90 – 455	0.32 – 8.1	6.02 – 153	0.53 – 13.5	
		68.4	46	18.06 – 459	0.36 – 9.1	6.06 – 154	0.61 – 15.5	
18" x 7 1/2"	457.2 x 190.5	74.4	50	17.99 – 457	0.36 – 9.1	7.50 – 190	0.57 – 14.5	
		81.8	55	18.11 – 460	0.39 – 9.9	7.53 – 191	0.63 – 16.0	
		89.3	60	18.24 – 463	0.42 – 10.7	7.56 – 192	0.70 – 17.8	
		96.7	65	18.35 – 466	0.45 – 11.4	7.59 – 193	0.75 – 19.0	
		105.6	71	18.47 – 469	0.50 – 12.7	7.64 – 194	0.81 – 20.6	
18" x 11"	457.2 x 279.4	113.1	76	18.21 – 463	0.43 – 10.9	11.04 – 280	0.68 – 17.3	
		128.0	86	18.39 – 467	0.48 – 12.2	11.09 – 282	0.77 – 19.6	
		144.3	97	18.59 – 472	0.54 – 13.7	11.15 – 283	0.87 – 22.1	
		157.7	106	18.73 – 476	0.59 – 15.0	11.20 – 284	0.94 – 23.9	
		177.1	119	18.97 – 482	0.66 – 16.8	11.27 – 286	1.06 – 26.9	
		193.5	130	19.25 – 489	0.67 – 17.0	11.16 – 284	1.20 – 30.5	
		212.8	143	19.49 – 495	0.73 – 18.5	11.22 – 285	1.32 – 33.5	
		235.1	158	19.72 – 501	0.81 – 20.6	11.30 – 287	1.44 – 36.6	
		260.0	175	20.04 – 509	0.90 – 22.6	11.38 – 289	1.59 – 40.4	