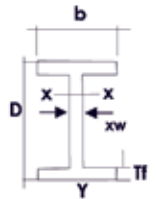


VIGA IPR

PROPIEDADES PARA EL DISEÑO



COMERCIALES

PERFIL d x b	PESO	AREA	PERALTE d	PATIN			ALMA	d Af	EJE X - X			EJE Y - Y		
				ancho b	espesor tf	espesor tw			r	r				
										Icm4	Scm3	Icm4	Scm3	Cm
Pulgada	Kg/m	Cm2	mm	mm	mm	mm	Cm1	Icm4	Scm3	Cm	Icm4	Scm3	Cm	
6 X 4 152.4 X 101.6	13.4 17.9 23.8	17.29 22.90 30.58	150 153 160	100 102 102	5.5 7.1 10.3	4.3 5.8 6.6	2.74 2.12 1.52	683 920 1336	91 120 167	6.27 6.32 6.60	91 124 184	18 25 36	2.30 2.33 2.45	
6 X 6 152.4 X 152.4	22.4 29.8 37.2	28.58 37.87 47.35	152 157 162	152 153 154	6.6 9.3 11.6	5.8 6.6 8.1	1.52 1.11 0.91	1211 1723 2223	159 220 274	6.50 6.76 6.86	388 554 712	51 72 92	3.71 3.81 3.86	
8 X 4 203.2 X 203.2	14.9 19.4 22.4	19.10 24.77 28.65	200 203 206	100 102 102	5.2 6.5 8.0	4.3 5.8 6.2	3.85 3.08 2.52	1282 1648 1998	128 162 193	8.18 8.15 8.36	87 114 142	17 22 28	2.14 2.14 2.23	
8 X 5 1/4 203.2 X 133.4	26.7 31.2 17.9	33.94 39.74 22.84	207 210 251	133 134 101	8.4 10.2 5.3	5.8 6.4 4.8	1.85 1.55 4.69	2576 3134 2239	249 298 179	8.71 8.86 9.91	332 407 91	50 61 18	3.12 3.20 1.99	
10 X 4 254 X 101.6	22.4 25.3	28.45 32.19	254 257	102 102	6.9 8.4	5.8 6.1	3.64 3.01	2868 3409	226 265	10.3 10.29	120 148	24 29	2.06 2.14	
10 X 5 3/4 254 X 146	28.3 32.7 38.7 44.6	36.26 41.87 49.10 57.03	260 258 262 266	102 146 147 148	10.0 9.1 11.2 13.0	6.4 6.1 6.6 7.6	2.54 1.93 1.60 1.39	4008 4912 5994 7076	308 380 457 531	10.52 10.85 11.05 11.13	179 475 587 695	35 65 80 94	2.22 3.38 3.45 3.48	
12 X 4 304 X 101.6	20.8 23.8 28.3 32.7	26.84 30.39 35.94 41.81	303 305 309 313	101 101 102 102	5.7 6.7 8.9 10.8	5.1 5.8 6.0 6.6	5.24 4.45 3.41 2.83	3688 4287 5411 6493	244 280 349 416	11.73 11.86 12.24 12.47	98 117 157 194	20 23 31 38	1.91 1.96 2.09 2.15	
12 X 6 1/2 304.8 X 165.1	38.7 44.6 52.1	49.35 56.71 66.45	310 313 318	165 166 167	9.7 11.2 13.2	5.8 6.6 7.6	1.95 1.96 1.44	8491 9906 11863	547 633 747	13.13 13.23 13.34	720 845 1020	88 102 122	3.84 3.86 3.91	
12 X 8 304.8 X 203.2	59.6 67.0 74.4	76.13 86.16 94.84	303 306 310	203 204 205	13.1 14.6 16.3	7.5 8.5 9.4	1.14 1.03 0.93	12903 14568 16400	850 952 1060	13.03 13.08 13.16	1836 2081 2343	180 203 228	4.90 4.93 4.98	
14 X 6 3/4 355.6 X 171.4	44.6 50.6 56.5	57.10 64.52 72.26	352 355 358	171 171 172	9.8 11.6 13.1	6.9 7.2 7.9	2.10 1.80 1.59	12112 14152 16025	688 796 895	14.55 14.81 14.91	816 970 1111	95 113 129	3.78 3.89 3.94	
14 X 8 355.6 X 203.2	64.0 71.4 78.9	81.29 0.97 10.64	347 350 354	203 204 205	13.5 15.1 16.8	7.7 8.6 9.4	1.27 1.14 1.03	17815 20187 22518	1027 1152 1275	14.78 14.86 14.96	1881 2139 2402	185 210 234	4.80 4.85 4.88	
16 X 7 406.4 X 177.8	53.6 59.5 67.0 74.4 84.8	68.39 76.13 85.81 94.84 108.39	403 407 410 413 417	177 178 179 180 181	10.9 12.8 14.4 16.0 18.2	7.5 7.7 8.8 9.7 10.9	2.08 1.78 1.60 1.44 1.27	18647 21561 24391 27430 31550	926 1060 1191 1327 1511	16.54 16.84 16.89 16.97 17.07	1020 1203 1365 1548 1794	115 135 153 172 198	3.86 3.99 3.99 4.04 4.06	
18 X 7 1/2 457.2 X 190.5	74.4 81.8 89.3 96.7 105.7	94.84 102.52 113.55 123.23 134.19	457 460 463 466 469	190 191 192 193 194	14.5 16.0 17.7 19.1 20.6	9.0 9.9 0.5 11.4 12.6	1.66 1.50 1.37 1.27 1.18	33299 37045 40957 44537 48699	1457 1611 1770 1917 2081	18.75 18.82 18.97 19.02 19.05	1669 1869 2085 2281 2510	175 195 218 236 259	4.19 4.24 4.29 4.29 4.32	
18 X 11 457.2 X 279.4	113.1 128.1 144.3 157.7 177.1	143.90 163.20 183.90 200.70 226.50	463 467 472 476 486	280 282 283 284 286	17.3 19.6 22.1 23.9 26.9	10.8 12.2 13.6 15.0 16.6	0.96 0.85 0.76 0.70 0.63	55359 63683 72840 79500 91154	2393 2720 3081 3343 3785	19.6 19.7 19.9 19.9 20.0	6327 7284 8366 9157 10531	452 518 592 646 736	6.8 6.7 6.7 6.8 6.8	
21 X 6 1/2	65.47 74.40 84.82	83.87 94.84 107.74	525 529 535	165 166 167	11.4 13.6 16.5	8.9 9.6 10.3	0.54 2.35 1.94	30588 40957 48699	1337 1549 1819	20.47 20.78 21.23	862 1036 1274	104 125 153	3.20 3.30 3.43	
21 X 8 1/4	92.26 101.18 108.62	118.06 129.03 138.71	533 537 539	209 210 211	15.6 17.4 18.8	10.2 10.9 11.6	1.63 1.47 1.36	55359 61602 66597	2081 2294 2474	21.69 21.84 21.95	2393 2693 2939	228 257 279	4.50 4.57 4.60	
24 X 7	81.84 92.26	104.52 117.42	599 603	178 179	12.8 15.0	10.0 10.9	2.62 2.25	56191 64516	1868 2147	23.14 23.44	1211 1436	136 161	3.40 3.51	
24 X 9	101.18 113.09	129.68 144.52	602 608	227 228	14.9 17.3	10.5 11.2	1.78	76170	2524	24.26	2930	257	4.75	