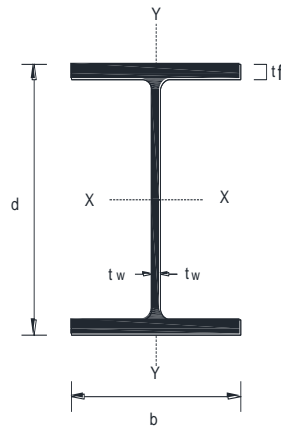




VIGA IPR



Aceros Alianza
SERVICIO PERSONALIZADO



Designación Perfil IPR		Peso		DIMENSIONES						PROPIEDADES						
				Área		Peralte "d"	Espesor del alma "t"	Patin "b"	Espesor del patín "tf"	EJEX - X			EJEY - Y			
				cm ²	mm					mm	mm	mm	I	S	r	I
plg x lb/pie	mm x kg/m	plg	mm	kg/m	lb/pie	mm	mm	mm	mm	cm ⁴	cm ³	cm	cm ⁴	cm ³	cm	
W6 X 9	150 X 13.6	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
W6 X 12	153 X 18.0		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
W6 X 16	160 X 24.0		160 x 102	24.0	16.0	30.6	160.0	6.6	102.0	10.3	1336	167	6.6	184	36	2.5
W8 X 10	200 X 15.0	8" x 4"	200 x 100	15.0	10.0	19.1	200.0	4.3	100.0	5.2	1282	128	8.2	87	17	2.1
W8 X 13	203 X 19.4		203 x 102	19.4	13.0	24.8	203.0	5.8	102.0	6.5	1648	162	8.2	114	22	2.1
W8 X 15	206 X 22.5		206 x 102	22.5	15.0	28.6	206.0	6.2	102.0	8.0	1998	193	8.4	142	28	2.2
W8 X 18	207 X 26.6	8" x 5 1/4"	207 x 133	26.6	18.0	33.9	207.0	5.8	133.0	8.4	2576	249	8.7	332	50	3.1
W8 X 21	210 X 31.2		210 x 134	31.2	21.0	39.7	210.0	6.4	134.0	10.2	3134	298	8.7	407	61	3.2
W10 X 12	251 X 17.9	10" x 4"	251 x 101	17.9	12.0	22.8	251.0	4.8	101.0	5.3	2239	179	9.9	91	18	2.0
W10 X 15	254 X 22.3		254 x 102	22.3	15.0	28.5	254.0	5.8	102.0	6.9	2686	226	10.0	120	24	2.1
W10 X 17	257 X 25.3		257 x 102	25.3	17.0	32.2	257.0	6.1	102.0	8.4	3409	265	10.3	148	29	2.1
W10 X 19	260 X 28.5	10" x 5 3/4"	260 x 102	28.5	19.0	36.3	260.0	6.4	102.0	10.0	4008	308	10.5	176	35	2.2
W10 X 22	258 X 32.9		258 x 146	32.9	22.0	41.9	258.0	6.1	146.0	9.1	4912	380	10.8	475	65	3.4
W10 X 26	262 X 38.5		262 x 147	38.5	26.0	49.1	262.0	6.6	147.0	11.2	5994	457	11.0	587	80	3.5
W10 X 30	266 X 44.8		266 x 148	44.8	30.0	57.0	266.0	7.6	148.0	13.0	7076	531	11.1	695	94	3.5
W12 X 14	303 X 21.1	12" x 4"	303 x 101	21.1	14.0	26.8	303.0	5.0	101.0	5.7	3688	244	11.7	98	20	1.9
W12 X 16	305 X 23.9		305 x 101	23.9	16.0	30.4	305.0	5.6	101.0	6.7	4287	280	11.9	117	23	2.0
W12 X 19	309 X 28.2		309 x 102	28.2	19.0	35.9	309.0	6.0	102.0	8.9	5411	349	12.2	157	31	2.1
W12 X 22	313 X 32.8	12" x 6 1/2"	313 x 102	32.8	22.0	41.8	313.0	6.6	102.0	10.8	6493	416	12.5	194	38	2.2
W12 X 26	310 X 38.7		310 x 165	38.7	26.0	49.4	310.0	5.8	165.0	9.7	8491	547	13.1	720	88	3.8
W12 X 30	313 X 44.5		313 x 166	44.5	30.0	56.7	313.0	6.6	166.0	11.2	9906	633	13.2	845	102	3.9
W12 X 35	318 X 52.2	12" x 8"	318 x 167	52.2	35.0	66.5	318.0	7.6	167.0	13.2	11863	747	13.3	1020	122	3.9
W12 X 40	303 X 59.8		303 x 203	59.8	40.0	76.1	303.0	7.5	203.0	13.1	12903	850	13.0	1836	180	4.9
W12 X 45	306 X 66.9		306 x 204	66.9	45.0	82.2	306.0	8.5	204.0	14.6	14568	952	13.1	2081	203	4.9
W12 X 50	310 X 74.4		310 x 205	74.4	50.0	94.8	310.0	9.4	205.0	16.3	16400	1060	13.2	2343	228	5.0
W14 X 30	352 X 44.8	14" x 6 3/4"	352 x 171	44.8	30.0	57.1	352.0	6.9	171.0	9.8	12112	688	14.6	816	95	3.8
W14 X 34	355 X 50.6		355 x 171	50.6	34.0	64.5	355.0	7.2	171.0	11.6	14152	796	14.8	970	113	3.9
W14 X 38	358 X 56.7		358 x 172	56.7	38.0	72.3	358.0	7.9	172.0	13.1	16025	895	14.9	1011	129	3.9
W14 X 43	347 X 63.8	14" x 8"	347 x 203	63.8	43.0	81.3	347.0	7.8	203.0	13.5	17815	1027	14.8	1881	185	4.8
W14 X 48	350 X 71.4		350 x 204	71.4	48.0	91.0	350.0	8.6	204.0	15.1	20187	1152	14.9	2139	210	4.9
W14 X 53	354 X 79.0		354 x 205	79.0	53.0	100.7	354.0	9.4	205.0	16.8	22518	1275	15.0	2402	234	4.9
W16 X 36	403 X 53.7	16" x 7"	403 x 177	52.7	36.0	68.4	403.0	7.5	177.0	10.9	18647	926	16.5	1020	115	3.9
W16 X 40	407 X 59.8		407 x 178	59.8	40.0	76.1	407.0	7.8	178.0	12.8	21561	1060	16.8	1203	135	4.0
W16 X 45	410 X 67.4		410 x 179	67.4	45.0	85.8	410.0	8.8	179.0	14.4	24391	1191	16.9	1365	153	4.0
W16 X 50	413 X 74.4		413 x 180	74.4	50.0	94.8	413.0	9.7	180.0	16.0	27430	1327	17.0	1548	172	4.0

VIGA IPR



Aceros Alianza
SERVICIO PERSONALIZADO

Designación Perfil IPR				Peso		DIMENSIONES					PROPIEDADES						
						Área	Peralte "d"	Espesor del alma "t"	Patin "b"	Espesor del patin "tf"	EJE X - X			EJE Y - Y			
d X Peso		d X b		kg/m	lb/pie	cm²	mm	mm	mm	mm	l	S	r	l	S	r	
plg x lb/pie	mm x kg/m	plg	mm								cm⁴	cm³	cm	cm⁴	cm³	cm	
W18 X 65	466 X 96.7	18" X 7 1/2"	466 x 193	96.7	65.0	123.2	466.0	11.4	193.0	19.1	44537	1917	19.0	2281	236	4.3	
W18 X 71	469 X 105.3		469 x 194	105.3	71.0	134.2	469.0	12.6	194.0	20.6	48699	2081	19.1	2510	259	4.3	
W18 X 76	463 X 112.9	18" X 11"	463 x 280	112.9	76.0	143.9	463.0	10.8	280.0	17.3	55359	2393	19.6	6327	452	6.6	
W18 X 86	467 X 128.1		467 x 282	128.1	86.0	163.2	467.0	12.2	282.0	19.6	63683	2720	19.7	7284	518	6.7	
W18 X 97	472 X 144.3		472 x 283	144.3	97.0	183.9	472.0	13.6	283.0	22.1	72840	3081	19.9	8366	592	6.7	
W18 X 106	476 X 157.5		476 x 284	157.5	106.0	200.7	476.0	15.0	284.0	23.9	79500	3343	19.9	9157	646	6.8	
W18 X 119	482 X 177.8		482 x 286	177.8	119.0	226.5	482.0	16.6	286.0	26.9	91154	3785	20.0	10531	736	6.8	
W21 X 44	525 X 65.8		525 x 165	65.8	44.0	83.9	525.0	8.9	165.0	11.4	35088	1337	20.5	862	104	3.2	
W21 X 50	529 X 74.4	21" X 6 1/2"	529 x 166	74.4	50.0	94.8	529.0	9.7	166.0	13.6	40957	1549	20.8	1036	125	3.3	
W21 X 57	535 X 84.6		535 x 166	84.6	57.0	107.7	535.0	10.3	166.0	16.5	48699	1819	21.2	1274	153	3.4	
W21 X 62	533 X 92.7	21" X 8 1/4"	533 x 209	92.7	62.0	118.1	533.0	10.2	209.0	15.6	55359	2081	21.7	2393	228	4.5	
W21 X 68	537 X 101.3		537 x 210	101.3	68.0	129.0	537.0	10.9	210.0	17.4	61602	2294	21.8	2693	257	4.6	
W21 X 73	539 X 108.9		539 x 211	108.9	73.0	138.7	539.0	11.6	211.0	18.8	66597	2474	21.9	2939	279	4.6	
W21 X 83	544 X 123.1		544 x 212	123.1	83.0	156.8	544.0	13.1	212.0	21.2	76170	2802	22.0	3388	320	4.6	
W21 X 93	549 X 138.3		549 x 214	138.3	93.0	176.1	549.0	14.7	214.0	23.6	86160	3146	22.1	3867	362	4.7	
W24 X 68	603 X 101.6		24" X 9"	603 x 228	101.6	68.0	129.7	603.0	10.5	228.0	14.9	76170	2524	24.3	2930	257	4.8
W24 X 76	608 X 113.4	608 x 228		113.4	76.0	144.5	608.0	11.2	228.0	17.3	87408	2884	24.6	3434	302	4.9	
W24 X 84	612 X 125.1	612 x 229		125.1	84.0	159.4	612.0	11.9	229.0	19.6	98647	3212	24.9	3929	342	5.0	
W24 X 94	617 X 140.3	617 x 230		140.3	94.0	178.7	617.0	13.1	230.0	22.2	112382	3638	25.1	4537	393	5.0	
W24 X 84	678 X 125.6	27" X 10"	678 x 253	125.6	84.0	160.0	678.0	11.7	253.0	16.3	118626	3490	27.2	4412	347	5.3	
W24 X 94	684 X 140.3		684 x 254	140.3	94.0	178.7	684.0	12.4	254.0	18.9	136107	3982	27.7	5161	406	5.4	
W24 X 102	688 X 151.9		688 x 254	151.9	102.0	193.6	688.0	13.1	254.0	21.1	150675	4375	27.9	5786	456	5.5	
W24 X 114	693 X 169.7		693 x 256	169.7	114.0	216.1	693.0	14.5	256.0	23.6	170238	4900	28.0	6618	516	5.5	
W30 X 99	753 X 147.4		30" X 10 1/2"	753 x 265	147.4	99.0	187.8	753.0	13.2	265.0	17.0	166076	4408	29.7	5328	401	5.3
W30 X 108	758 X 160.5			758 x 266	160.5	108.0	204.5	758.0	13.8	266.0	19.3	186055	4900	30.2	6077	457	5.5
W30 X 116	762 X 173.2	762 x 267		173.2	116.0	220.7	762.0	14.4	267.0	21.6	205201	5391	30.5	6826	513	5.6	
W30 X 124	766 X 174.9	766 x 267		174.9	124.0	235.5	766.0	14.9	267.0	21.6	223100	5817	30.7	7534	564	5.7	
W30 X 132	770 X 197.0	770 x 268	197.0	132.0	251.0	770.0	15.6	268.0	25.4	240165	6227	31.0	8158	610	5.7		
W33 X 118	835 X 175.7	33" X 11 1/2"	835 x 292	175.7	118.0	223.9	835.0	14.0	292.0	18.8	245576	5883	33.0	7784	534	5.9	
W33 X 130	840 X 194.0		840 x 292	194.0	130.0	247.1	840.0	14.7	292.0	21.7	279290	6653	33.5	9074	621	6.1	
W33 X 141	846 X 210.7		846 x 293	210.7	141.0	268.4	846.0	15.4	293.0	24.4	310091	7341	34.0	10240	700	6.2	
W33 X 152	851 X 226.4		851 x 294	226.4	152.0	288.4	851.0	16.1	294.0	26.8	339644	7980	34.3	11363	773	6.3	
W36 X 135	903 X 201.1	36" X 12"	903 x 304	201.1	135.0	256.1	903.0	15.2	304.0	20.1	324659	7194	35.6	9365	618	6.0	
W36 X 150	911 X 223.9		911 x 304	223.9	150.0	285.2	911.0	15.9	304.0	23.9	376272	8259	36.3	11238	739	6.3	
W36 X 160	915 X 238.0		915 x 305	238.0	160.0	303.2	915.0	16.5	305.0	25.9	405824	8882	36.6	12279	805	6.4	
W36 X 170	919 X 253.2		919 x 306	253.2	170.0	322.6	919.0	17.3	306.0	27.9	437042	9504	36.8	13319	872	6.4	
W36 X 182	923 X 271.5		923 x 307	271.5	182.0	345.8	923.0	18.4	307.0	30.0	470400	10209	36.8	14443	944	6.5	
W36 X 194	927 X 288.7		927 x 308	288.7	194.0	367.8	927.0	19.4	308.0	32.0	503638	10881	37.0	15609	1014	6.5	
W36 X 210	932 X 313.0	932 x 309	313.0	210.0	398.7	932.0	21.1	309.0	34.5	549424	11782	37.1	17107	1106	6.6		

Las medidas a partir de 18" x 11" en adelante serán sobre previa cotización