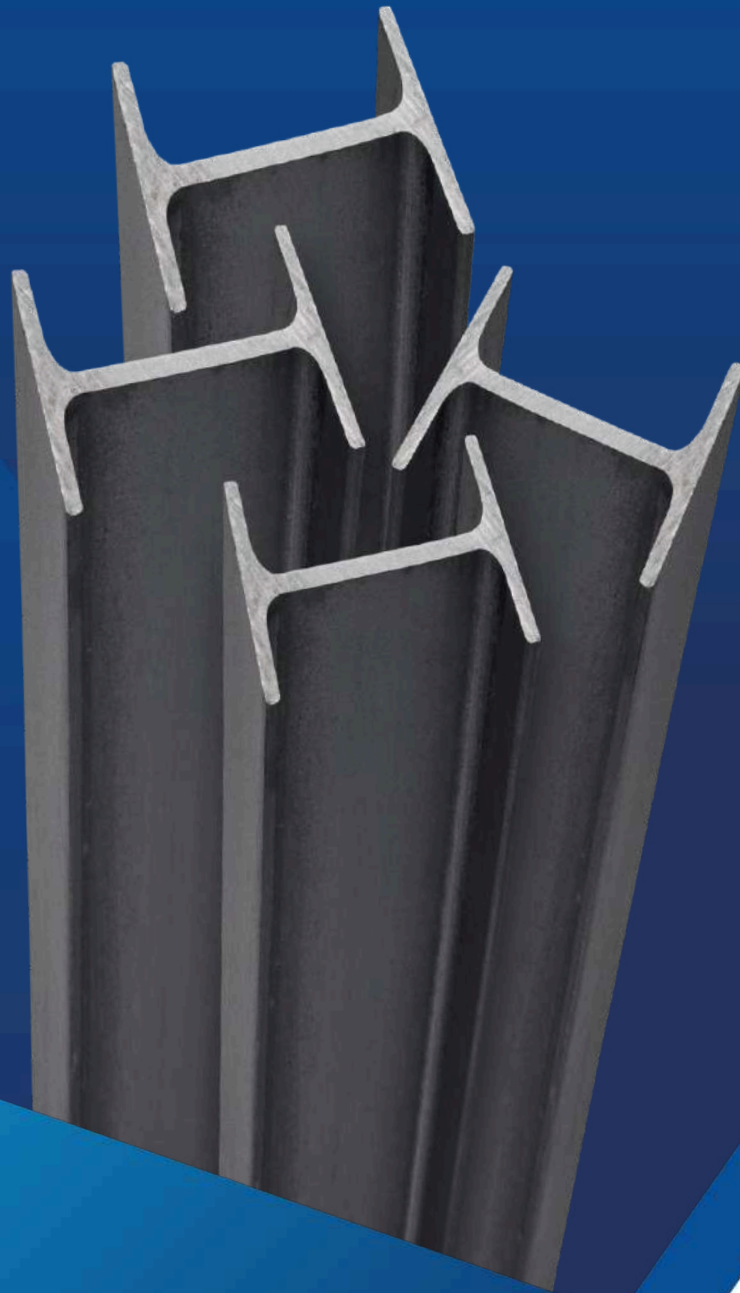


Vigas H Alas Anchas WF

ESTÁNDAR AMERICANO



ACEROS
AREQUIPA

LA **SEGURIDAD**
DE UN **FIERRAZO**

*Imágenes referenciales.

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ESTÁNDAR AMERICANO

DENOMINACIÓN:

VIGASHALASANCHAS (WF).

DESCRIPCIÓN:

Productolaminado en caliente con sección en forma de "H" (con alas paralelas), de calidad estructural en cumplimiento con las normas ASTM A36, ASTM A572 Grado 50 o la ASTM A992. Asimismo, pueden presentarse en calidad dual.

USOS:

En la fabricación de estructuras metálicas, edificios, puentes grúas, estructuras en general, cerchas, etc.

NORMAS TÉCNICAS:

Composición Química y Propiedades Mecánicas:

ASTM A36/A36M-19

ASTM A572/A572M-21e1

ASTM A992/A992M-22

Tolerancia Dimensional:

ASTM A6 /A6M-22.

PRESENTACIÓN:

Secomercializan en barras de 20, 30 y 40 pies. Otras longitudes a pedido.

DIMENSIONES ESTÁNDAR:

DESIGNACIÓN NOMINAL		PERALTE ALTURA ALMA (d) pulgada	ALA (b) pulgada	ESPESOR NOMINAL	
pulgada	lb/pie			ALA (f)	ALMA (w)
4"	13.00	4.16	4.06	8.76	7.11
6"	9.00	5.90	3.94	5.46	4.32
6"	12.00	6.03	4.00	7.11	5.84
6"	16.00	6.28	4.03	10.29	6.60
6"	15.00	5.99	5.99	6.60	5.84
6"	20.00	6.20	6.02	9.27	6.60
6"	25.00	6.38	6.08	11.56	8.13
8"	10.00	7.89	3.94	5.21	4.32
8"	13.00	7.99	4.00	6.48	5.84
8"	15.00	8.11	4.02	8.00	6.22
8"	18.00	8.14	5.25	8.38	5.84
8"	21.00	8.28	5.27	10.16	6.35
8"	24.00	7.93	6.50	10.16	6.22
8"	28.00	8.06	6.54	11.81	7.24
8"	31.00	8.00	8.00	11.05	7.24
8"	35.00	8.12	8.02	12.57	7.87
8"	40.00	8.25	8.07	14.22	9.14
8"	48.00	8.50	8.11	17.40	10.16
8"	58.00	8.75	8.22	20.57	12.95
8"	67.00	9.00	8.28	23.75	14.48
10"	12.00	9.87	3.96	5.33	4.83
10"	15.00	9.99	4.00	6.86	5.84
10"	17.00	10.11	4.01	8.38	6.10

DESIGNACIÓN NOMINAL		PERALTE ALTURA ALMA (d) pulgada	ALA (b) pulgada	ESPESOR NOMINAL	
pulgada	lb/pie			ALA (f)	ALMA (w)
10"	19.00	10.24	4.02	10.03	6.35
10"	22.00	10.17	5.75	9.14	6.10
10"	26.00	10.33	5.77	11.18	6.60
10"	30.00	10.47	5.81	12.95	7.62
10"	33.00	9.73	7.96	11.05	7.37
10"	39.00	9.92	7.99	13.46	8.00
10"	45.00	10.10	8.02	15.75	8.89
10"	49.00	9.98	10.00	14.22	8.64
10"	54.00	10.09	10.03	15.62	9.40
10"	60.00	10.22	10.08	17.27	10.67
10"	68.00	10.40	10.13	19.56	11.94
10"	77.00	10.40	10.19	22.10	13.46
10"	88.00	10.84	10.27	25.15	15.37
10"	100.00	11.10	10.34	28.45	17.27
12"	14.00	11.91	3.97	5.72	5.08
12"	16.00	11.99	3.99	6.73	5.59
12"	19.00	12.16	4.01	8.89	5.97
12"	22.00	12.31	4.03	10.80	6.60
12"	26.00	12.22	6.49	9.65	5.84
12"	30.00	12.34	6.52	11.18	6.60
12"	35.00	12.50	6.56	13.21	7.62
12"	40.00	11.94	8.01	13.08	7.49
12"	45.00	12.06	8.05	14.61	8.51
12"	50.00	12.19	8.08	16.26	9.40
12"	53.00	12.06	10.00	14.61	8.76
12"	58.00	12.19	10.01	16.26	9.14
12"	65.00	12.12	12.00	15.37	9.91
12"	72.00	12.25	12.04	17.02	10.92
12"	79.00	12.38	12.08	18.67	11.94
12"	87.00	12.53	12.13	20.57	13.08
12"	96.00	12.71	12.16	22.86	13.97
12"	106.00	12.89	12.22	25.15	15.49
12"	120.00	13.12	12.32	28.07	18.03
12"	136.00	13.41	12.40	31.75	20.07
12"	152.00	13.71	12.48	35.56	22.10
14"	22.00	13.74	5.00	8.51	5.84
14"	26.00	13.91	5.03	10.67	6.48
14"	30.00	13.84	6.73	9.78	6.86
14"	34.00	13.98	6.75	11.56	7.24
14"	38.00	14.10	6.77	13.08	7.87
14"	43.00	13.66	8.00	13.46	7.75
14"	48.00	13.79	8.03	15.11	8.64
14"	53.00	13.92	8.06	16.76	9.40
14"	61.00	13.89	10.00	16.38	9.53
14"	68.00	14.04	10.04	18.29	10.54
14"	74.00	14.17	10.07	19.94	11.43
14"	82.00	14.31	10.13	21.72	12.95
14"	90.00	14.02	14.52	21.72	11.18

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DESIGNACIÓN NOMINAL		PERALTE ALTURA ALMA (d) pulgada	ALA (b) pulgada	ESPESOR NOMINAL	
pulgada	lb/pie			ALA (f)	ALMA (w)
14"	99.00	14.16	14.57	19.81	12.32
14"	109.00	14.32	14.61	21.84	13.34
14"	120.00	14.48	14.67	23.88	14.99
14"	132.00	14.66	14.73	26.16	16.38
14"	145.00	14.78	15.50	27.69	17.27
14"	159.00	14.98	15.57	30.23	18.92
14"	176.00	15.22	15.65	33.27	21.08
14"	193.00	15.48	15.71	36.58	22.61
16"	26.00	15.69	5.50	8.76	6.35
16"	31.00	15.88	5.53	11.18	6.99
16"	36.00	15.86	6.99	10.92	7.49
16"	40.00	16.01	7.00	12.83	7.75
16"	45.00	16.13	7.04	14.35	8.76
16"	50.00	16.26	7.07	16.00	9.65
16"	57.00	16.43	7.12	18.16	10.92
16"	67.00	16.33	10.24	16.89	10.03
16"	77.00	16.52	10.30	19.30	11.56
16"	89.00	16.75	10.37	22.23	13.34
16"	100.00	16.97	10.43	25.02	14.86
18"	35.00	17.70	6.00	10.80	7.62
18"	40.00	17.90	6.02	13.34	8.00
18"	46.00	18.06	6.06	15.37	9.14
18"	50.00	17.99	7.50	14.48	9.02
18"	55.00	18.11	7.53	16.00	9.91
18"	60.00	18.24	7.56	17.65	10.54
18"	65.00	18.35	7.59	19.05	11.43
18"	71.00	18.47	7.64	20.57	12.57
18"	76.00	18.21	11.04	17.27	10.80
18"	86.00	18.39	11.09	19.56	12.19
18"	97.00	18.59	11.15	22.10	13.59
18"	106.00	18.73	11.20	23.88	14.99
18"	130.00	19.25	11.16	30.48	17.02
18"	158.00	19.72	11.30	36.58	20.57
21"	44.00	20.66	6.50	11.43	8.89
21"	50.00	20.83	6.53	13.59	9.65
21"	55.00	20.80	8.22	13.26	9.53
21"	57.00	21.06	6.56	16.51	10.29
21"	62.00	20.99	8.24	15.62	10.16
21"	68.00	21.13	8.27	17.40	10.92
21"	73.00	21.24	8.30	18.80	11.56
21"	83.00	21.43	8.36	21.21	13.08
21"	93.00	21.62	8.42	23.62	14.73
21"	101.00	21.36	12.29	20.32	12.70
21"	111.00	21.51	12.34	22.23	13.97
21"	122.00	21.68	12.39	24.38	15.24
21"	132.00	21.83	12.44	26.29	16.51
21"	147.00	22.06	12.51	29.21	18.29
21"	166.00	22.48	12.42	34.54	19.05

DESIGNACIÓN NOMINAL		PERALTE ALTURA ALMA (d) pulgada	ALA (b) pulgada	ESPESOR NOMINAL	
pulgada	lb/pie			ALA (f)	ALMA (w)
21"	201.00	23.03	12.58	41.40	23.11
24"	55.00	23.57	7.01	12.83	10.03
24"	62.00	23.74	7.04	14.99	10.92
24"	68.00	23.73	8.97	14.86	10.54
24"	76.00	23.92	8.99	17.27	11.18
24"	84.00	24.10	9.02	19.56	11.94
24"	94.00	24.31	9.07	22.23	13.08
24"	104.00	24.06	12.75	19.05	12.70
24"	117.00	24.26	12.80	21.59	13.97
24"	131.00	24.48	12.86	24.38	15.37
24"	146.00	24.74	12.90	27.69	16.51
24"	162.00	25.00	12.96	30.99	17.91
24"	176.00	25.24	12.89	34.04	19.05
24"	192.00	25.47	12.95	37.08	20.57
24"	250.00	26.34	13.19	48.01	26.42
27"	84.00	26.71	9.96	16.26	11.68
27"	94.00	26.92	9.99	18.92	12.45
27"	102.00	27.09	10.02	21.08	13.08
27"	114.00	27.29	10.07	23.62	14.48
27"	129.00	27.63	10.01	27.94	15.49
27"	161.00	27.59	14.02	27.43	16.76
27"	235.00	28.66	14.19	40.89	23.11
27"	307.00	29.61	14.45	53.09	29.46
30"	90.00	29.53	10.40	15.49	11.94
30"	99.00	29.65	10.45	17.02	13.21
30"	108.00	29.83	10.48	19.30	13.84
30"	116.00	30.01	10.50	21.59	14.35
30"	124.00	30.17	10.52	23.62	14.86
30"	132.00	30.31	10.55	25.40	15.62
30"	148.00	30.67	10.48	29.97	16.51
33"	118.00	32.86	11.48	18.80	13.97
33"	152.00	33.49	11.57	26.80	16.13
33"	169.00	33.82	11.50	30.99	17.02
36"	150.00	35.85	11.98	23.88	15.88
36"	160.00	36.01	12.00	25.91	16.51
36"	194.00	36.49	12.12	32.00	19.43
36"	232.00	37.12	12.12	39.88	22.10

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ESTÁNDAR AMERICANO

PROPIEDADES MECÁNICAS:

NORMA TÉCNICA	GRADO	LÍMITE DE FLUENCIA MPa ≥	CARGA DE ROTURA MPa ≥	ELONGACIÓN % ≥
ASTM A 36/A 36M		250	400 - 550	21 (2") 20 (8")
ASTM A 572/A 572M	50	345	450 mín	21 (2") 16 (8")
ASTM A 992/A 992M		345	450 - 550	21 (2") 18 (8")

() Tamaño de probeta.

TOLERANCIAS:

De acuerdo al ASTM A 6/A 6M-22

LONGITUD ESTÁNDAR:

30 pies y 40 pies.

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ISO 9001 CERTIFICATE N° 57219
ISO 14001 CERTIFICATE N° 57220
ISO 45001 CERTIFICATE N° 57221

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Tel.: (51-01) 517 1800.

Pisco: Panamericana Sur, Km. 241, Ica.

Arequipa: Variante de Uchumayo Km 5.5, Cerro Colorado.

BOLIVIA: CORPORACION ACEROS AREQUIPA S.R.L.

Santa Cruz: Urb. Parque Industrial Latinoamericano, Unidad Industrial UI

06, Mz. 1, LOTE 4 - Warnes. Tel.: (591) 77641656 / 75555819

La Paz: Calle E - Lote 14, manzana A-08, Urbanización.

Cervecería Boliviana Nacional - Bellavista Viacha. Tel.: (591) 77641658 /

75555819

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