Aceros Treviño



CATÁLOGO DE PRODUCTOS

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01

Perfiles Estructurales

Ángulos de lados iguales

DIMENSIONES				PESO	
PULGADAS		MILIMETROS		KG/M	KG/PZA (6.1 M)
1/8 x	3/4	3.2 x	19.1	0.88	5.40
	1		25.4	1.19	7.30
	1 1/4		31.7	1.5	9.20
	1 1/2		38.1	1.83	11.20
	1 3/4		44	2.14	13.10
	2		50.8	2.46	15.10
3/16 x	1	4.8 x	25.4	1.73	10.60
	1 1/4		31.7	2.2	13.50
	1 1/2		38.1	2.68	16.40
	1 3/4		44.5	3.15	19.30
	2		50.8	3.63	22.20
	2 1/2		63.5	4.61	28.20
	3		76.2	5.52	33.70
1/4 x	1	6.3 x	25.4	2.22	13.60
	1 1/4		31.7	2.86	17.50
	1 1/2		38.1	3.48	21.30
	1 3/4		44.5	4.12	25.13
	2		50.8	4.75	29.00
	2 1/2		63.5	6.1	37.30
	3		76.2	7.29	44.50
	3 1/2		88.9	8.63	52.70
	4		101.6	9.82	60.00
5/16 x	2	7.9 x	50.8	5.83	35.60
	2 1/2		63.5	7.44	45.40
	3		76.2	9.08	55.40
	3 1/2		88.9	10.71	65.40
	4		101.6	12.2	74.50
	5		127	15.32	93.50
3/8 x	2	9.5 x	50.8	6.99	42.70
	2 1/2		63.5	8.78	53.60
	3		76.2	10.71	65.40
	3 1/2		88.9	12.64	77.20
	4		101.6	14.58	89.00
	5		127	18.3	111.70
	6		152.4	22.17	135.30
1/2 x	3	12.7 x	76.2	13.99	85.40
	3 1/2		88.9	16.52	100.77
	4		101.6	19.05	116.30
	5		127	24.11	147.10
	6		152.4	29.16	178.00
	8		203.2	39.28	239.80

Nota: Pesos teóricos sujetos a variación +/-5% para objeto de cálculo.

Ángulos de lados iguales

(continuación)

DIMENSIONES				PESO	
PULGADAS		MILIMETROS		KG/M	KG/PZA (6.1 M)
5/8 x	4	15.9 x	101.6	23.36	142.50
	5		127	29.76	181.60
	6		152.4	36.01	219.70
	8		203.2	48.66	296.90
3/4 x	4	19.1 x	101.6	27.53	167.93
	5		127	35.12	214.25
	6		152.4	42.71	260.60
	8		203.2	57.89	353.20
1 x	6	25.4 x	152.4	55.65	339.47
	8		203.2	75.98	463.50

Ángulos de lados desiguales

DIMENSIONES				PESO	
PULGADAS		MILIMETROS		KG/M	KG/PZA (6.1 M)
3/16 x	3 x 2	4.76	76.2 x 50.8	4.57	27.90
1/4 x	3 x 2	6.3	76.2 x 50.8	6.10	37.20
	4 x 3		101.6 x 76.2	8.63	52.60
5/16 x	4 x 3	7.9	101.6 x 76.2	10.70	65.30
	6 x 4		101.6 x 152.4	15.33	93.50
3/8 x	3 x 2	9.5	76.2 x 50.8	8.8	53.68
	4 x 3		101.6 x 76.2	12.63	77.10
	6 x 4		101.6 x 152.4	18.30	111.70
1/2 x	4 x 3	12.7	101.6 x 152.4	16.40	100.04
	6 x 4		101.6 x 152.4	24.11	147.10
5/8 x	6 x 4	15.9	101.6 x 152.4	29.76	181.60

Nota: Pesos teóricos sujetos a variación +/-5% para objeto de cálculo.

Soleras

DIMENSIONES				PESO	
PULGADAS		MILIMETROS		KG/M	KG/PZA (6.1 M)
1/8 x	1/2	3.2 x	12.7	0.32	2.00
	3/4		19.1	0.47	3.00
	1		25.4	0.63	3.90
	1 1/4		31.8	0.79	4.90
	1 1/2		38.1	0.95	5.80
	2		50.8	1.27	7.80
	2 1/2		63.5	1.58	9.70
	3		76.2	1.90	11.60
	4		101.6	2.54	15.49
3/16 x	1/2	4.8 x	12.7	0.47	3.00
	3/4		19.1	0.71	4.40
	1		25.4	0.95	5.90
	1 1/4		31.7	1.19	7.30
	1 1/2		38.1	1.42	8.80
	2		50.8	1.90	11.70
	2 1/2		63.5	2.38	14.60
	3		76.2	2.84	17.50
	4		101.6	3.80	23.18
	6		152.4	5.68	34.65
	8		203.2	7.60	46.36
1/4 x	1/2	6.3 x	12.7	0.63	3.90
	3/4		19.1	0.95	5.90
	1		25.4	1.27	7.80
	1 1/4		31.7	1.58	9.70
	1 1/2		38.1	1.90	11.60
	2		50.8	2.53	15.50
	2 1/2		63.5	3.17	19.40
	3		76.2	3.79	23.20
	4		101.6	5.06	30.90
	5		127.0	6.32	38.70
	6		152.4	7.59	46.40
	8		203.2	10.13	61.80
	10		254.0	12.66	77.30
	12		304.8	15.18	92.60
5/16 x	1	7.9 x	25.4	1.58	9.70
	1 1/4		31.7	1.97	12.10
	1 1/2		38.1	2.37	14.60
	2		50.8	3.16	19.40
	2 1/2		63.5	3.95	24.20
	3		76.2	4.79	29.22
	4		101.6	6.32	38.60
	5		127.0	7.90	48.20
	6		152.4	9.49	57.90
	8		203.2	12.65	77.20

Nota: Pesos teóricos sujetos a variación +/-5% para objeto de cálculo.

Soleras

(continuación)

DIMENSIONES				PESO	
PULGADAS		MILIMETROS		KG/M	KG/PZA (6.1 M)
3/8 x	1	9.5 x	25.4	1.90	11.60
	1 1/4		31.8	2.38	14.52
	1 1/2		38.1	2.84	17.40
	2		50.8	3.79	23.20
	2 1/2		63.5	4.75	29.00
	3		76.2	5.70	34.80
	3 1/2		88.9	6.65	40.60
	4		101.6	7.59	46.40
	5		127	9.49	58.00
	6		152.4	11.40	69.60
	8		203.2	15.18	92.60
	10		254	18.99	115.90
	12		304.8	22.80	139.10
1/2 x	1	12.7 x	25.4	2.53	15.50
	1 1/4		31.7	3.16	19.40
	1 1/2		38.1	3.79	23.20
	2		50.8	5.06	30.90
	2 1/2		63.5	6.32	38.70
	3		76.2	7.59	46.40
	3 1/2		88.9	8.85	54.00
	4		101.6	10.13	61.80
	5		127	12.66	77.30
	6		152.4	15.18	92.70
	8		203.2	20.24	123.60
	10		254	25.33	154.60
	12		304.8	30.36	185.20
5/8 x	1 1/2	15.9 x	38.1	4.75	29.00
	2		50.8	6.33	38.70
	2 1/2		63.5	7.91	48.30
	3		76.2	9.49	58.00
	4		101.6	12.66	77.30
	5		127	15.83	96.60
	6		152.4	18.99	115.90
	8		203.2	25.33	154.50
	10		254	31.66	193.10
	12		304.8	37.97	231.70
3/4 x	1 1/2	19.1 x	38.1	5.70	34.80
	2		50.8	7.59	46.40
	2 1/2		63.5	9.49	58.00
	3		76.2	11.40	69.60
	4		101.6	15.18	92.70
	5		127	18.99	115.90
	6		152.4	22.80	139.10
	8		203.2	30.36	185.40
	10		254	37.97	231.70
	12		304.8	45.59	278.20
1.0 x	2	25.4 x	50.8	10.13	61.80
	3		76.2	15.18	92.70
	4		101.6	20.27	123.60
	5		127	25.31	154.50
	6		152.4	30.36	185.40
	8		203.2	40.53	247.20
	10		254	50.65	309.00
	12		304.8	60.71	370.40

Nota: Pesos teóricos sujetos a variación +/-5% para objeto de cálculo.

Soleras de Slitter

DIMENSIONES				PESO	
PULGADAS		MILIMETROS		KG/M	KG/PZA (6.1 M)
1/8 x	1/2	3.2 x	12.7	0.32	2.00
	3/4		19.1	0.47	3.00
	1		25.4	0.63	3.90
	1 1/4		31.8	0.79	4.90
	1 1/2		38.1	0.95	5.80
	2		50.8	1.27	7.80
	2 1/2		63.5	1.58	9.70
	3		76.2	1.90	11.60
	4		101.6	2.54	15.49
3/16 x	1/2	4.8 x	12.7	0.47	3.00
	3/4		19.1	0.71	4.40
	1		25.4	0.95	5.90
	1 1/4		31.7	1.19	7.30
	1 1/2		38.1	1.42	8.80
	2		50.8	1.90	11.70
	2 1/2		63.5	2.38	14.60
	3		76.2	2.84	17.50
	4		101.6	3.80	23.18
	6		152.4	5.68	34.65
	8		203.2	7.60	46.36
1/4 x	2	6.3 x	50.8	2.53	15.50

Cuadrado y Redondo

DIMENSIONES		Cuadrado		Redondo	
PULGADAS	MILIMETROS	KG/M	KG/PZA (6.1 M)	KG/M	KG/PZA (6.1 M)
3/8	9.5	0.71	4.40	0.56	3.50
0.472	12	1.20	7.32	-	-
1/2	12.7	1.27	7.80	0.99	6.10
5/8	15.9	1.98	12.10	1.55	9.50
3/4	19.1	2.85	17.40	2.24	13.70
7/8	22.2	3.91	23.90	3.04	18.60
1	25.4	5.06	30.90	3.98	24.30
1 1/8	28.6	-	-	5.03	30.70
1 1/4	31.7	7.91	48.30	6.21	37.90
1 3/8	34.9	-	-	7.51	45.90
1 1/2	38.1	11.40	69.60	8.95	54.60
1 3/4	44.5	-	-	12.18	74.30
2	50.8	20.24	123.50	15.91	97.10
2 1/4	57.2	-	-	20.12	122.80
2 1/2	63.5	-	-	24.85	151.60

Nota: Pesos teóricos sujetos a variación +/-5% para objeto de cálculo.

Cuadrado Cold Rolled 1018

PULGADAS	MM	REDONDO	
		KG/M	KG/PZA (6.1 M)
3/16	4.75	0.18	1.10
1/4	6.35	0.33	2.01
5/16	7.92	0.51	3.11
3/8	9.52	0.74	4.51
1/2	12.70	1.32	8.05
5/8	15.87	2.07	12.63
3/4	19.05	2.98	18.18
7/8	22.22	4.06	24.77
1	25.40	5.31	32.39

Redondo Cold Rolled 1018

INDICACIONES PARA CALCULAR PESOS DE DIMENSIONES DIFERENTES

Redondo



ejemplo para redondo de 15mm

1M PESA $\frac{d \times d\ (0.62)}{100}$ **= KG**

1M PESA $\frac{15 \times 15 \times 0.62}{100}$ **= 1.39 KG**

MILIMETROS		REDONDO	
PULGADAS	MILIMETROS	KG/M	KG/PZA (6.1 M)
3/16	4.76	0.14	0.86
1/4	6.35	0.25	1.52
5/16	7.94	0.39	2.38
3/8	9.53	0.56	3.43
7/16	11.11	0.77	4.67
1/2	12.70	1.00	6.10
9/16	14.29	1.27	7.72
5/8	15.88	1.56	9.53
3/4	19.05	2.25	13.72
7/8	22.23	3.06	18.68
1	25.40	4.00	24.40
1 1/8	28.58	5.06	30.88
1 3/16	30.16	5.64	34.41
1 1/4	31.75	6.25	38.12
1 3/8	34.93	7.56	46.13
1 1/2	38.10	9.00	54.90
1 3/4	44.45	12.25	74.72
2	50.80	16.00	97.60
2 1/2	63.50	24.99	150.12

Nota: Pesos teóricos sujetos a variación +/-5% para objeto de cálculo.

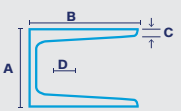
Semiflecha

DIMENSIONES		PESO	
PULGADAS	MILIMETROS	KG/M	KG/PZA (6.1 M)
1/8	3.2	0.06	0.37
5/32	3.97	0.1	0.6
3/16	4.8	0.14	0.90
1/4	6.4	0.25	1.60
5/16	7.9	0.39	2.40
3/8	9.5	0.56	3.50
1/2	12.7	0.99	6.10

Canal C.P.S.

PERALTE		ANCHO DEL PATIN		ESPESOR DEL PATIN		ESPESOR DEL ALMA		PESO		
PULG	MM	PULG	MM	PULG	MM	PULG	MM	KG/M	LB/FT	KG/PZA (6.1 M)
3	76.2	1.37	35.00	0.27	6.90	0.13	3.40	5.20	3.50	31.72
	76.2	1.41	35.81	0.27	6.93	0.17	4.32	6.10	4.10	37.30
4	101.6	1.58	40.00	0.30	7.50	0.13	3.20	6.70	4.50	40.87
	101.6	1.58	40.23	0.30	7.52	0.18	4.67	8.04	5.50	49.10
5	127.0	1.75	44.45	0.32	8.13	0.19	4.83	9.97	6.70	60.90
6	152.4	1.92	48.77	0.34	8.71	0.20	5.08	12.20	8.20	74.50
	152.4	2.03	51.66	0.34	8.71	0.31	7.98	15.63	10.60	95.40
	152.4	2.16	54.79	0.34	8.71	0.44	11.10	19.35	13.10	118.10
7	177.8	2.09	53.00	0.37	9.30	0.21	5.30	14.60	9.80	89.06
8	203.2	2.26	57.40	0.39	9.91	0.22	5.59	17.11	11.50	104.40
	203.2	2.34	59.51	0.39	9.91	0.30	7.70	20.46	13.80	125.00
	203.2	2.53	64.19	0.39	9.91	0.49	12.37	27.93	18.80	170.40
10	254.0	2.60	66.04	0.44	11.07	0.24	6.10	22.76	15.40	139.10
	254.0	2.74	69.57	0.44	11.07	0.38	9.63	29.80	20.10	181.80
	254.0	2.89	73.30	0.44	11.07	0.53	13.36	37.20	25.00	227.00
	254.0	3.03	77.04	0.44	11.07	0.67	17.09	44.64	30.10	272.70
12	304.8	2.94	74.73	0.50	12.73	0.28	7.16	30.80	20.70	187.90
	304.8	3.05	77.39	0.50	12.73	0.39	9.83	37.20	25.00	227.00
	304.8	3.17	80.52	0.50	12.73	0.51	12.95	44.64	30.10	272.70
15	381.0	3.40	86.36	0.65	16.51	0.40	10.16	50.40	33.90	307.50
	381.0	3.52	89.41	0.65	16.51	0.52	13.21	59.53	40.10	363.20
	381.0	3.72	94.00	0.65	16.50	0.72	18.20	74.50	50.00	454.45

A: Peralte
B: Ancho de patín
C: Espesor de patín
D: Espesor alma

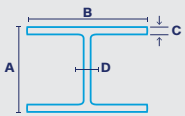


Nota: Pesos teóricos sujetos a variación +/-5% para objeto de cálculo.

Vigas I.P.S.

PERALTE		ANCHO DEL PATIN		ESPESOR DEL PATIN		ESPESOR DEL ALMA		PESO		
PULG	MM	PULG	MM	PULG	MM	PULG	MM	KG/M	LB/FT	KG/PZA (6.1 M)
3	76.2	2.33	59.20	0.26	6.60	0.17	4.30	8.48	5.70	51.73
4	101.6	2.66	67.60	0.29	7.37	0.19	4.90	11.46	7.80	69.91
5	127.0	3.00	76.30	0.33	8.38	0.21	5.40	14.88	10.00	90.77
6	152.4	3.33	84.60	0.36	9.14	0.23	5.90	18.60	12.50	113.46
8	203.2	4.00	101.60	0.43	10.92	0.27	6.90	27.38	18.40	167.02

A: Peralte
B: Ancho de patín
C: Espesor de patín
D: Espesor alma



Viga I.P.R

DIMENSIONES		PERALTE		ANCHO DEL PATIN		ESPESOR DEL PATIN		ESPESOR DEL ALMA		PESO		
PULG	MM	PULG	MM	PULG	MM	PULG	MM	PULG	MM	KG/M	LB/FT	KG/PZA (12.2 M)
4 x 4	101.6 x 101.6	4.16	106	4.06	103	0.35	8.9	0.28	7.1	19.3	13	235
5 x 5	127.0 x 127.0	5.01	127	5	127	0.36	9.1	0.24	6.1	23.8	16	290
		5.15	131	5.03	128	0.43	10.9	0.27	6.9	28.3	19	345
6 x 4	152.4 x 101.6	5.83	148	3.94	100	0.19	4.8	0.17	4.3	12.7	8.5	155
		5.9	150	3.94	100	0.22	5.6	0.17	4.3	13.4	9	163
		6.03	153	4	102	0.28	7.1	0.23	5.8	17.9	12	218
		6.28	160	4.03	102	0.41	10.4	0.26	6.6	23.8	16	290
6 x 6	152.4 x 152.4	5.99	152	5.99	152	0.26	6.6	0.23	5.8	22.3	15	272
		6.2	157	6.2	153	0.37	9.4	0.26	6.6	29.8	20	364
		6.38	162	6.38	154	0.46	11.7	0.32	8.1	37.2	25	454
8 x 4	203.2 x 101.6	7.89	200	3.94	100	0.21	5.3	0.17	4.3	14.9	10	182
		7.99	203	4	102	0.26	6.6	0.23	5.8	19.3	13	235
		8.11	206	4.02	102	0.32	8.1	0.25	6.3	22.3	15	272
8 x 5 1/4	203.2 X 133.3	8.14	207	5.25	133	0.33	8.4	0.23	5.8	26.8	18	327
		8.28	210	5.27	134	0.4	10.2	0.25	6.3	31.3	21	382
8 x 6 1/2	203.2 X 165.1	7.93	201	6.5	165	0.4	10.2	0.25	6.3	35.7	24	436
		8.06	205	6.54	166	0.47	11.9	0.19	7.4	41.7	28	509
8 x 8	203.2 X 203.2	8	203	8	203	0.44	11.2	0.29	7.4	46.1	31	562
		8.12	206	8.02	204	0.5	12.7	0.31	7.9	52.1	35	636
		8.25	210	8.07	205	0.56	14.2	0.36	9.1	59.5	40	726
		8.5	216	8.11	206	0.69	17.4	0.4	10.2	71.4	48	871
		8.74	222	8.23	209	0.81	20.6	0.51	13	86	58	1049
		9.02	229	8.27	210	0.93	23.7	0.57	14.5	99	67	1208

* Contamos con vigas hasta de 40", favor de contactar a su asesor de ventas

Viga I.P.R

(continuación)

DIMENSIONES		PERALTE		ANCHO DEL PATIN		ESPESOR DEL PATIN		ESPESOR DEL ALMA		PESO		
PULG	MM	PULG	MM	PULG	MM	PULG	MM	PULG	MM	KG/M	LB/FT	KG/PZA (12.2 M)
10 x 4	254.0 X 101.6	9.87	251	3.96	101	0.21	5.3	0.19	4.8	17.9	12	218
		9.99	254	4	102	0.27	6.9	0.23	5.8	22.3	15	272
		10.11	257	4.01	102	0.33	8.4	0.24	6.1	25.3	17	309
		10.24	260	4.02	102	0.4	10.2	0.25	6.3	28.3	19	345
10 x 5 3/4	254.0 X 146.0	10.17	258	5.75	146	0.36	9.1	0.24	6.1	32.7	22	399
		10.33	262	5.77	147	0.44	11.2	0.26	6.6	38.7	26	472
		10.47	266	5.81	148	0.51	13	0.3	7.6	44.6	30	544
10 x 8	254.0 X 203.2	9.73	247	7.96	202	0.44	11.2	0.29	7.4	49.1	33	599
		9.92	252	7.99	203	0.53	13.5	0.32	8.1	58	39	708
		10.1	257	8.02	204	0.62	15.7	0.35	8.9	67	45	817
10 x 10	254.0 X 254.0	9.98	253	10	254	0.56	14.2	0.34	8.6	72.9	49	889
		10.09	256	10.03	255	0.62	15.7	0.37	9.4	80.4	54	981
		10.22	260	10.08	256	0.68	17.3	0.42	10.7	89.4	60	1091
		10.4	264	10.13	257	0.77	19.6	0.47	11.9	101.2	68	1235
		10.6	269	10.19	259	0.87	22.1	0.53	13.5	114.6	77	1398
		10.84	275	10.26	261	0.99	25.1	0.61	15.4	131.1	88	1599
		11.1	282	10.35	263	1.12	28.4	0.68	17.3	148.9	100	1817
		11.38	289	10.43	265	1.25	31.8	0.76	19.2	167	112	2037
12 x 4	304.8 X 101.6	11.91	303	3.97	101	0.23	5.8	0.2	5.1	20.8	14	254
		11.99	305	3.99	101	0.27	6.9	0.22	5.6	23.8	16	290
		12.16	309	4.01	102	0.35	8.9	0.24	6.1	28.3	19	345
		12.31	313	4.03	102	0.43	10.9	0.26	6.6	32.7	22	399
12 x 6 1/2	304.8 X 165.1	12.22	310	6.49	165	0.38	9.7	0.23	5.8	38.7	26	472
		12.34	313	6.52	166	0.44	11.2	0.26	6.6	44.6	30	544
		12.5	317	6.56	167	0.52	13.2	0.3	7.6	52.1	35	636
12 x 8	304.8 X 203.2	11.94	303	8.01	203	0.52	13.2	0.3	7.6	59.5	40	726
		12.06	306	8.05	204	0.58	14.7	0.34	8.6	67	45	817
		12.19	310	8.08	205	0.64	16.3	0.37	9.4	74.4	50	908
12 x 10	304.8 X 254.0	12.06	306	10	254	0.58	14.7	0.35	8.9	78.9	53	963
		12.19	310	10.01	254	0.64	16.3	0.36	9.1	86.3	58	1053
12 x 12	304.8 X 304.8	12.25	311	12.04	306	0.67	17	0.43	10.9	107.1	72	1307
		12.38	314	12.08	307	0.74	18.8	0.47	11.9	117.6	79	1435
		12.53	318	12.13	308	0.81	20.6	0.52	13.1	129.6	87	1581
		12.71	323	12.71	309	0.9	22.9	0.55	14	142.9	96	1743
		12.89	327	12.89	310	0.99	25.1	0.61	15.5	157.9	106	1926
		13.12	333	13.12	313	1.1	28.1	0.71	18	178.6	120	2179
		13.41	341	13.41	315	1.25	31.8	0.79	20.1	202.4	136	2469
		13.71	348	13.71	317	1.4	35.6	0.87	22.1	226.2	152	2760
		14.03	356	14.03	319	1.56	39.6	0.96	24.4	253	170	3087
14 x 5	355.6 X 127.0	13.74	349	5	127	0.34	8.6	0.23	5.8	32.7	22	399
		13.91	353	5.03	128	0.42	10.7	0.26	6.6	38.7	26	472
14 x 6 3/4	355.6 X 171.4	13.84	352	6.73	171	0.39	9.9	0.27	6.9	44.6	30	544
		13.98	355	6.75	171	0.46	11.7	0.29	7.4	50.6	34	617
		14.1	358	6.77	172	0.52	13.2	0.31	7.9	56.5	38	689
14 x 8	355.6 X 203.2	13.66	347	8	203	0.53	13.5	0.31	7.9	64	43	781
		13.79	350	8.03	204	0.6	15.2	0.34	8.6	71.4	48	871
		13.92	354	8.06	205	0.66	16.8	0.37	9.4	78.9	53	963
14 x 10	355.6 X 254.0	13.89	353	10	254	0.65	16.5	0.38	9.7	90.8	61	1108
		14.04	357	10.04	255	0.72	18.3	0.42	10.7	101.2	68	1235
		14.17	360	10.07	256	0.79	20.1	0.45	11.4	110.1	74	1343
		14.31	363	10.13	257	0.86	21.8	0.51	13	122	82	1488
14 x 14 1/2	355.6 X 368.3	14.02	356	14.52	369	0.71	18	0.44	11.2	133.9	90	1634
		14.16	360	14.57	370	0.78	19.8	0.49	12.4	147.3	99	1797
		14.32	364	14.61	371	0.86	21.8	0.53	13.5	162.2	109	1979
		14.48	368	14.67	373	0.94	23.9	0.59	15	178.6	120	2179
		14.66	372	14.73	374	1.03	26.2	0.65	16.5	196.4	132	2396

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Viga I.P.R

(continuación)

DIMENSIONES		PERALTE		ANCHO DEL PATIN		ESPESOR DEL PATIN		ESPESOR DEL ALMA		PESO		
PULG	MM	PULG	MM	PULG	MM	PULG	MM	PULG	MM	KG/M	LB/FT	KG/PZA (12.2 M)
14 x 16	355.6 X 406.4	14.78	375	15.5	394	1.09	27.7	0.68	17.3	215.8	145	2633
		14.98	380	15.57	395	1.19	30.2	0.75	19	236.6	159	2887
		15.22	387	15.65	398	1.31	33.3	0.83	21.1	261.9	176	3195
		15.48	393	15.71	399	1.44	36.6	0.89	22.6	287.2	193	3504
		15.72	399	15.8	401	1.56	39.6	0.98	24.9	314	211	3831
		16.04	407	15.89	404	1.72	43.7	1.07	27.2	346.7	233	4230
		16.38	416	15.99	406	1.89	48	1.17	29.7	382.4	257	4666
		16.74	425	16.11	409	2.07	52.6	1.29	32.8	421.1	283	5137
		17.12	434	16.23	412	2.26	57.4	1.41	35.8	462.8	311	5646
16 x 5 1/2	406.4 X 139.7	15.69	399	5.5	140	0.35	8.9	0.25	6.3	38.7	26	472
		15.88	403	5.53	140	0.44	11.2	0.28	7.1	46.1	31	562
16 x 7	406.4 X 177.8	15.86	403	6.99	178	0.43	10.9	0.3	7.6	53.6	36	654
		16.01	407	7	178	0.51	13	0.31	7.9	59.5	40	726
		16.13	410	7.04	179	0.57	14.5	0.35	8.9	67	45	817
		16.26	413	7.07	180	0.63	16	0.38	9.7	74.4	50	908
		16.43	417	7.12	181	0.72	18.3	0.43	10.9	84.8	57	1035
16 x 10 1/4	406.4 X 260.3	16.33	415	10.24	260	0.67	17	0.4	10.2	99.7	67	1216
		16.52	420	10.3	262	0.76	19.3	0.46	11.7	114.6	77	1398
		16.75	425	10.37	263	0.88	22.2	0.53	13.3	132.6	89	1618
		16.97	431	10.43	265	0.99	25	0.59	14.9	149	100	1818
18 x 6	457.2 X 152.4	17.7	450	6	152	0.43	10.9	0.3	7.6	52.1	35	636
		17.9	455	6.02	153	0.53	13.5	0.32	8.1	59.5	40	726
		18.06	459	6.06	154	0.61	15.5	0.36	9.1	68.4	46	834
18 x 7 1/2	457.2 X 190.5	17.99	457	7.5	190	0.57	14.5	0.36	9.1	74.4	50	908
		18.11	460	7.53	191	0.63	16	0.39	9.9	81.8	55	998
		18.24	463	7.56	192	0.7	17.8	0.42	10.7	89.3	60	1089
		18.35	466	7.59	193	0.75	19	0.45	11.4	96.7	65	1180
		18.49	469	7.64	194	0.81	20.6	0.5	12.7	105.6	71	1288
18 x 11	457.2 X 279.4	18.21	463	11.04	280	0.68	17.3	0.43	10.9	113.1	76	1380
		18.39	467	11.09	282	0.77	19.6	0.48	12.2	128	86	1562
		18.59	472	11.15	283	0.87	22.1	0.54	13.7	144.3	97	1761
		18.73	476	11.2	284	0.94	23.9	0.59	15	157.7	106	1924
		18.97	482	11.27	286	1.06	26.9	0.66	16.8	177.1	119	2161
		19.25	489	11.16	284	1.2	30.5	0.67	17	193.5	130	2361
		19.49	495	11.22	285	1.32	33.5	0.73	18.5	212.8	143	2597
		19.72	501	11.3	287	1.44	36.6	0.81	20.6	235.1	158	2869
		20.04	509	11.38	289	1.59	40.4	0.9	22.6	260	175	3172
21 x 6 1/2	533.4 X 165.1	20.66	525	6.5	165	0.45	11.4	0.35	8.9	65.5	44	800
		20.83	529	6.53	166	0.54	13.7	0.38	9.7	74.4	50	908
		21.06	534	6.56	166	0.65	16.5	0.41	10.4	84.8	57	1035
21 x 8 1/4	533.4 X 209.5	20.63	524	8.15	207	0.43	10.9	0.35	9	71.5	48	873
		20.8	528	8.22	209	0.52	13.2	0.38	9.6	81.8	55	998
		20.99	533	8.24	209	0.62	15.7	0.4	10.2	92.3	6	1127
		21.13	537	8.27	210	0.69	17.5	0.43	10.9	101.2	68	1235
		21.24	539	8.3	211	0.74	18.8	0.46	11.6	108.7	73	1327
		21.43	544	8.36	212	0.84	21.3	0.52	13.2	123.5	83	1507
		21.62	549	8.42	214	0.93	23.6	0.58	14.7	138.4	93	1689
21 x 12 1/4	533.4 X 311.1	21.36	543	12.29	312	0.8	20.3	0.5	12.7	150.3	101	1834
		21.51	546	12.34	313	0.88	22.4	0.55	14	165.2	111	2016
		21.68	551	12.39	315	0.96	24.4	0.6	15.2	181.5	122	2215
		21.83	554	12.44	316	1.04	26.3	0.65	16.5	196.7	132	2400
		22.06	560	12.51	318	1.15	29.2	0.72	18.3	218.7	147	2669
		22.48	560	12.42	315.5	1.36	34.5	0.75	19.1	247.04	166	3014
24 x 7	609.6 X 177.8	23.57	599	7.01	178	0.51	13	0.4	10.2	81.8	55	998
		23.74	603	7.04	179	0.59	15	0.43	10.9	92.3	62	1127
24 x 9	609.6 X 228.6	23.73	603	8.97	228	0.59	15	0.42	10.7	101.2	68	1235
		23.92	608	8.99	228	0.68	17.3	0.44	11.2	113.1	76	1380
		24.1	612	9.02	229	0.77	19.6	0.47	11.9	125	84	1525
		24.31	617	9.07	230	0.88	22.4	0.52	13.2	139.9	94	1707
		24.53	623	9	229	0.98	24.9	0.55	14	153.3	103	1871

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Viga I.P.R

(continuación)

DIMENSIONES		PERALTE		ANCHO DEL PATIN		ESPESOR DEL PATIN		ESPESOR DEL ALMA		PESO		
PULG	MM	PULG	MM	PULG	MM	PULG	MM	PULG	MM	KG/M	LB/FT	KG/PZA (12.2 M)
24 x 12 3/4	609.6 X 323.8	24.06	611	12.75	324	0.75	19	0.5	12.7	154.8	104	1889
		24.26	616	12.8	325	0.85	21.6	0.55	14	174.1	117	2125
		24.48	622	12.86	327	0.96	24.4	0.61	15.5	194.9	131	2378
		24.74	628	12.9	328	1.09	27.7	0.65	16.5	217.3	146	2652
		25	635	12.95	328	1.22	31	0.7	17.8	241	162	2941
		25.4	641	12.89	327	1.34	34	0.75	19.1	261.9	176	3196
		25.47	647	12.95	329	1.46	37.1	0.81	20.6	285	192	3477
		25.7	653	13	330	1.57	39.9	0.87	22.1	306	207	3734
27 x 10	685.8 x 254.0	26.71	678	9.96	253	0.64	16.3	0.46	11.7	125	84	1525
		26.92	684	9.99	254	0.75	19	0.49	12.4	139.9	94	1707
		27.09	688	10.02	255	0.83	21.1	0.52	13.2	151.8	102	1852
		27.29	693	10.07	256	0.93	23.6	0.57	14.5	169.6	114	2070
		27.63	702	10.01	254	1.1	27.9	0.61	15.5	192	129	2343
27 x 14	685.8 x 355.6	27.38	695	13.97	355	0.98	24.9	0.61	15.5	217.3	146	2652
		27.59	701	14.02	356	1.08	27.4	0.66	16.8	239.6	161	2924
		27.79	706	14.09	358	1.19	30.2	0.72	18.4	265	178	3233
		28.11	714	14.01	356	1.34	34	0.75	19	289	194	3526
30 x 10 1/2	762.0 x 266.7	29.53	750	10.4	264	0.61	15.5	0.47	11.9	133.9	90	1634
		29.65	753	10.45	265	0.67	17	0.52	13.2	147.3	99	1798
		29.83	758	10.48	266	0.76	19.3	0.55	14	160.7	108	1961
		30.01	762	10.5	267	0.85	21.6	0.57	14.5	172.6	116	2106
		30.17	766	10.52	267	0.93	23.6	0.59	14.9	184.7	124	2254
		30.31	769	10.54	267	1	25.4	0.61	15.5	196.4	132	2397
		30.67	779	10.48	266	1.18	30	0.65	16.5	220.2	148	2687
30 x 15	762.0 x 381.0	30.43	773	15	381	1.07	27.1	0.66	16.7	257.5	173	3142
		30.66	779	15.04	382	1.19	30.1	0.71	18	284.2	191	3468
		30.94	786	15.12	384	1.31	33.4	0.78	19.7	314	211	3831
33 x 11 1/2	828.2 x 292.1	32.86	835	11.48	292	0.74	18.8	0.55	14	175.6	118	2143
		33.09	840	11.51	292	0.86	21.8	0.58	14.7	193.4	130	2360
		33.3	846	11.54	293	0.96	24.4	0.61	15.5	209.8	141	2560
		33.49	850	11.56	293	1.05	26.7	0.63	16	226.2	152	2760
33 x 15 3/4	828.2 x 400.1	33.7	856	15.71	399	1.15	29.2	0.72	18.2	299	201	3648
		33.9	861	15.79	401	1.28	32.5	0.77	19.7	329	221	4014
36 x 12	914.4 x 304.8	35.55	903	11.95	304	0.79	20.1	0.6	15.2	200.9	135	2451
		35.85	911	11.98	304	0.94	23.9	0.63	16	223.2	150	2724
		36.01	915	12	305	1.02	25.9	0.65	16.5	238.1	160	2905
		36.17	918	12.03	306	1.1	27.9	0.68	17.2	253.3	170	3091
		36.69	932	12.18	309	1.36	34.5	0.83	21.1	312.5	210	3813
40 x 12	1016 x 304.8	38.2	970	11.81	300	0.83	21.1	0.63	16	221.7	149	2705

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02

Planos

Lamina rolada en caliente

CALIBRE	ESPESOR		3´X 8´ 0.91 X 2.43	3´X 10´ 0.91 X 3.04	4´X 8´ 1.21 X 2.43	4´X 10´ 1.21 X 3.04	5´X 10´ 1.52 X 3.04	5´X 20´ 1.52 X 6.09	KG/M2
	PULG	MM							
7	0.180	4.572	81.0	102.0	108.0	135.0	-	-	36.3
8	0.165	4.191	74.0	93.0	99.0	124.0	155.0	309.0	33.3
9	0.150	3.810	68.0	85.0	90.0	113.0	-	-	30.2
10	0.135	3.429	61.0	76.0	81.0	102.2	127.0	253.0	27.2
11	0.120	3.048	54.0	68.0	72.0	90.0	113.0	225.0	24.2
12	0.105	2.667	48.0	59.0	63.0	79.0	99.0	197.0	21.2
13	0.090	2.286	41.0	51.0	54.0	68.0	-	-	18.1
14	0.075	1.905	34.0	43.0	45.0	56.0	70.0	140.0	15.1
16	0.060	1.524	-	-	36.0	45.0	-	-	12.1
18	0.048	1.219	-	-	29.0	36.0	-	-	9.7

Lamina rolada en frío

CALIBRE	ESPESOR		3´X 8´ 0.91 X 2.43	3´X 10´ 0.91 X 3.04	4´X 8´ 1.21 X 2.43	4´X 10´ 1.21 X 3.04	KG/M2
	PULG	MM					
16	0.060	1.52	27.0	34.0	36.0	45.0	12.1
18	0.048	1.21	22.0	27.0	29.0	36.0	9.7
20	0.036	0.91	16.0	20.0	22.0	27.0	7.3
22	0.030	0.76	13.0	17.0	18.0	23.0	6.1
24	0.024	0.61	11.0	13.0	14.0	18.0	4.9

Nota: Pesos teóricos sujetos a variación +/-5% para objeto de cálculo.

Placa

Disponibilidad de placas de acero en diferentes grados:
A-36, A-283°C, A-285°C, A-516°70, A-572°50, A-709°50, A-572°65, SAE 1045

ESPESOR		KG/M2	KG/FT2	3 X 6	3 X 8	3 X 10	4 X 8	4 X 10	5 X 10	5 X 20	6 X 10	6 X 20	8 X 20
PULG	MM			0.91 X 1.83	0.91 X 2.44	0.91 X 3.05	1.22 X 2.44	1.22 X 3.05	1.52 X 3.05	1.52 X 6.10	1.83 X 3.05	1.83 X 5.10	2.44 X 6.10
3/16"	4.8	37.78	4	63	84	105	112	140	176	351	211	421	562
1/4"	6.3	50.38	5	84	112	140	150	187	234	468	281	562	749
5/16"	7.9	62.97	6	105	140	176	187	234	293	585	351	702	936
3/8"	9.5	75.56	7	126	168	211	225	281	351	702	421	842	1123
1/2"	12.7	100.75	9	167	225	281	300	374	468	936	562	1123	1498
5/8"	15.9	125.94	12	211	281	351	374	468	585	1170	702	1404	1872
3/4"	19.0	151.12	14	253	337	421	449	562	702	1404	842	1685	2246
7/8"	22.2	176.31	16	-	394	491	524	655	819	1638	983	1966	2621
1"	25.4	201.5	19	337	449	562	599	749	936	1872	1123	2246	2995
1 1/8"	28.6	226.69	21	-	-	632	-	-	-	-	1264	2527	3370
1 1/4"	31.7	251.88	23	-	562	702	749	936	1170	2340	1404	2808	3744
1 1/2"	38.1	302.25	28	-	674	842	899	1123	1404	2808	1685	3370	4493
1 3/4"	44.4	352.62	33	-	-	983	-	-	1872	-	1696	3931	5242
2"	50.8	403	37	-	899	1123	1198	1498	-	3744	2247	4493	5990

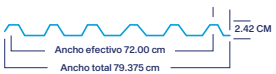
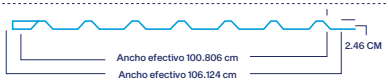
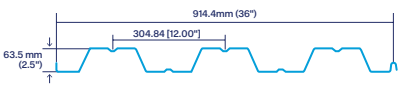
Lámina y placa antiderrapante

CALIBRE	ESPESOR	PESO	PESOS TEORICOS		
	PULGADAS	KG/M2	3" X 10"	4" X 8"	4" X 10"
16	0.060	12.09	34.0	36.0	45.0
14	0.075	18.31	52.0	-	68.0
12	0.105	25.63	72.0	-	96.0
1/8	0.125	30.02	84.0	90.0	112.0
3/16	0.187	42.47	119.0	127.0	158.0
1/4	0.250	54.92	154.0	164.0	205.0
3/8	0.375	79.82	223.0	-	297.0
1/2	0.500	104.83	-	-	391.0

Nota: Pesos teóricos sujetos a variación +/-5% para objeto de cálculo.

Lámina Galvanizada Lisa

CALIBRE	ESPESOR		KG/M LINEAL		PESO POR HOJA (KG)	
	PULG	MM	3'	4'	3´x 10´	4´x 10´
14	0.0762	1.935	13.87	18.50	42.6	56.8
16	0.0613	1.557	11.15	14.87	34.1	45.4
18	0.0493	1.252	8.97	11.96	27.3	36.3
20	0.0374	0.950	6.80	9.06	20.5	27.3
22	0.0314	0.798	5.70	7.60	17.1	22.7
24	0.0224	0.569	4.06	5.42	13.7	18.2
26	0.0194	0.493	3.52	4.69	10.4	13.8

	Perfil acanalado	Guías de selección
R-72		Cubiertas de naves industriales, bodegas y construcciones en general, en donde se requiera mediana capacidad estructural y de desague.
R-101		
SECCIÓN - 3		Fachadas arquitectonica, cubierta compuesta,*losacero. (Cuando se utilice la sección 3 para una losa compuesta se deberá anteponer la palabra "losacero" al pedido de este perfil).
SECCIÓN - 4		Cubierta compuesta *losacero. (Cuando se utilice sección 4 para una losa compuesta se deberá anteponer la palabra "losacero" al pedido de este perfil).

Nota: Pesos teóricos sujetos a variación +/-5% para objeto de cálculo.

Lámina Acanalada R72 - O30 - O725

CALIBRE	ESPESOR		KG/M LINEAL		PESO POR HOJA (KG)	
	PULG	MM	3'	4'	3´x 10´	4´x 10´
14	0.0762	1.935	13.87	18.50	42.6	56.8
16	0.0613	1.557	11.15	14.87	34.1	45.4
18	0.0493	1.252	8.97	11.96	27.3	36.3
20	0.0374	0.950	6.80	9.06	20.5	27.3
22	0.0314	0.798	5.70	7.60	17.1	22.7
24	0.0224	0.569	4.06	5.42	13.7	18.2
26	0.0194	0.493	3.52	4.69	10.4	13.8

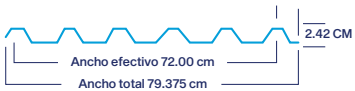


Lámina Acanalada R101 - O100 - RN100/35

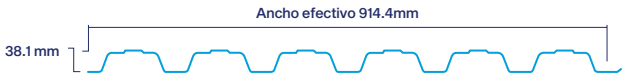
CALI-BRE	ESPESOR											
	PULG	MM	KG/M2	4 X 8	4 X 10	4 X 12	4 X 14	4 X 16	4 X 18	4 X 20	4 X 22	4 X 24
22	0.030	0.76	7.55	18.56	23.20	27.83	32.47	37.11	41.75	46.39	51.03	55.67
24	0.024	0.53	5.38	13.22	16.52	19.82	23.13	26.43	29.74	33.04	36.34	39.65
26	0.018	0.45	4.65	11.44	14.30	17.15	20.01	22.87	25.73	28.59	31.45	34.31
28	0.015	0.38	3.93	9.66	12.07	14.48	16.90	19.31	21.73	24.14	26.55	28.97



Nota: Pesos teóricos sujetos a variación +/-5% para objeto de cálculo.

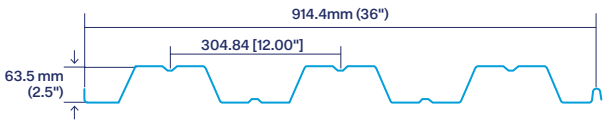
Losacero Sección - 3

CALIBRE	ESPESOR PULGADAS	PERALTE	PESO KG/M2
24	0.0240	1.50	6.72
22	0.0295		8.33
20	0.0358		10.02
18	0.0474		13.14



Losacero Sección - 4

CALIBRE	ESPESOR PULGADAS	PERALTE	PESO KG/M2
24	0.0240	2.50	6.72
22	0.0295		8.33
20	0.0358		10.02
18	0.0474		13.14



Nota: Pesos teóricos sujetos a variación +/-5% para objeto de cálculo.



03

Perfiles Tubulares

PTR

DIMENSIONES		ESPESOR			PESOS	
CALIBRE	MILIMETRO	COLOR	PULGADAS	MM	KG/M	KG/PZA (6.1 M)
1 x 1	25 x 25	Verde	0.105	2.7	1.90	10.80
		Rojo	0.135	3.4	2.13	13.00
1 1/2 x 1 1/2	38 x 38	Blanco	0.105	2.7	2.95	17.99
		Verde	0.125	3.0	3.27	20.00
		Rojo	0.154	3.8	3.89	23.80
		3/16	0.188	4.8	4.80	29.28
		1/4	0.250	6.4	6.54	39.90
2 x 2	51 x 51	Blanco	0.105	2.7	3.89	23.80
		Verde	0.125	3.0	4.54	27.70
		Rojo	0.154	3.8	5.50	33.60
		3/16	0.188	4.8	6.43	39.30
		1/4	0.250	6.4	8.05	49.20
2 1/2 x 2 1/2	64 x 64	Blanco	0.120	3.0	5.60	34.20
		Verde	1.410	3.4	6.47	39.50
		Rojo	0.180	4.6	8.00	48.80
		1/4	0.250	6.4	10.58	64.60
3 x 3	76 x 76	Blanco	0.120	3.0	6.81	41.60
		Verde	0.156	3.8	8.66	52.90
		Rojo	0.180	4.6	9.81	59.90
		Azul	0.250	6.3	13.11	80.00
		3/8	0.375	9.5	18.11	110.47
3 1/2 x 3 1/2	89 x 89	Blanco	0.120	3.0	8.03	49.00
		Verde	0.156	3.8	10.24	62.50
		Rojo	0.180	4.6	11.62	70.90
		Azul	0.250	6.3	15.64	95.50
		3/8	0.375	9.5	21.91	133.65
3 x 2	76 x 76	Blanco	0.120	3.0	5.59	34.10
		Verde	0.141	3.8	6.47	39.50
		Rojo	0.180	4.8	8.00	48.80
		Azul	0.250	6.4	11.10	67.80
4 x 2	102 x 51	Blanco	0.120	3.0	6.81	41.60
		Verde	0.156	3.8	8.66	52.90
		Rojo	0.180	4.6	9.81	59.90
		Azul	0.250	6.3	13.11	80.00
		3/8	0.375	9.5	18.11	110.48
4 x 3	102 x 76	Blanco	0.120	3.0	8.03	49.00
		Verde	0.156	3.8	10.24	62.50
		Rojo	0.180	4.6	11.62	70.90
		Azul	0.250	6.3	15.64	95.50
		3/8	0.375	9.5	21.91	133.65
4 x 4	102 x 102	Blanco	0.120	3.0	9.24	56.40
		Verde	0.156	3.8	11.82	72.20
		Rojo	0.180	4.6	13.44	82.00
		Azul	0.250	6.3	18.18	110.90
		1/2	0.500	12.7	32.19	196.36

Nota: Pesos teóricos sujetos a variación +/-5% para objeto de cálculo.

HSS

DIMENSIONES		ESPESOR			PESOS	
CALIBRE	MILIMETRO	COLOR	PULGADAS	MM	KG/M	KG/PZA (6.1 M)
4 x 4	102 x 102	3/8	0.375	9.5	25.74	158.00
		5/16	0.375	9.5	22.13	135.00
5 x 3	127 x 76	Blanco	0.120	3.2	9.60	58.60
		Verde	0.156	4.0	11.83	72.20
		Rojo	0.188	4.8	14.04	85.70
		Azul	0.250	6.4	18.16	110.80
5 x 5	127 x 127	Blanco	0.120	3.2	12.14	74.10
		Verde	0.156	4.0	14.99	91.50
		Rojo	0.180	4.8	17.06	104.10
		Azul	0.250	6.4	23.24	141.80
		3/8	0.375	9.5	33.44	204.00
6 x 2	152 x 51	Blanco	0.120	3.2	9.61	58.70
		Verde	0.156	4.0	10.35	63.20
		Rojo	0.180	4.8	13.42	81.90
		Azul	0.250	6.4	18.17	110.90
6 x 3	152 x 76	Blanco	0.120	3.2	10.24	62.50
		Verde	0.156	4.0	13.41	81.90
		Rojo	0.180	4.8	15.24	93.00
		Azul	0.250	6.4	20.70	126.30
6 x 4	152 x 102	Blanco	0.120	3.2	11.68	71.30
		Verde	0.156	4.0	14.99	91.50
		Rojo	0.180	4.8	17.06	104.10
		Azul	0.250	6.4	23.24	141.80
6 x 6	152 x 152	3/16	0.188	4.8	21.64	132.00
		1/4	0.250	6.4	28.36	173.00
		5/16	0.312	7.9	34.75	210.45
		3/8	0.375	9.5	40.98	250.00
		1/2	0.500	12.7	52.46	321.00
7 x 3	178 x 76	5/16	0.312	7.9	28.39	174.00
		3/8	0.375	9.5	32.45	198.00
7 x 5	178 x 127	1/4	0.250	6.4	28.30	173.00
		3/8	0.375	9.5	40.89	250.00
		1/2	0.500	12.7	52.44	320.00
7 x 7	178 x 178	1/4	0.250	6.4	33.36	204.00
		3/8	0.375	9.5	48.48	296.00
8 x 3	203 x 76	1/8	0.125	3.2	13.61	84.00
		3/16	0.188	4.8	20.00	122.00
		1/4	0.250	6.4	25.77	158.00
		5/16	0.312	7.9	31.56	193.00
		3/8	0.375	9.5	37.10	227.00
8 x 4	203 x 102	3/16	0.188	4.8	21.64	133.00
		1/4	0.250	6.4	28.36	173.00
		5/16	0.312	7.9	34.75	212.00
		3/8	0.375	9.5	40.98	250.00
		1/2	0.500	12.7	52.46	321.00

Nota: Pesos teóricos sujetos a variación +/-5% para objeto de cálculo.

HSS
(continuación)

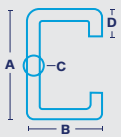
DIMENSIONES		ESPESOR			PESOS	
CALIBRE	MILIMETRO	COLOR	PULGADAS	MM	KG/M	KG/PZA (6.1 M)
8 x 6	203 x 152	1/4	0.250	6.4	33.44	204.00
		3/8	0.375	9.5	48.52	296.00
		1/2	0.500	12.7	62.58	382.00
8 x 8	203 x 203	3/16	0.188	4.8	29.34	179.00
		1/4	0.250	6.4	38.52	235.00
		5/16	0.312	7.9	47.54	290.00
		3/8	0.375	9.5	56.07	343.00
		1/2	0.500	12.7	72.79	445.00
		5/8	0.625	15.9	88.28	539.00
10 x 4	254 x 102	1/4	0.250	6.4	33.36	204.00
		1/2	0.500	12.7	48.48	296.00
		3/8	0.375	9.5	62.58	382.00
10 x 6	254 x 152	3/16	0.188	4.8	29.34	179.00
		1/4	0.250	6.4	38.52	235.00
		3/8	0.375	9.5	56.23	344.00
		1/2	0.500	12.7	72.70	444.00
10 x 10	254 x 254	3/16	0.188	4.8	36.89	226.00
		1/4	0.250	6.4	48.56	296.30
		5/16	0.312	7.9	60.16	367.00
		3/8	0.375	9.5	71.31	435.00
		1/2	0.500	12.7	92.95	567.00
12 x 4	305 x 105	3/8	0.375	9.5	56.09	343.00
12 x 6	305 x 152	3/8	0.375	9.5	63.77	389.00
12 x 8	305 x 203	1/4	0.250	6.4	48.69	298.00
		3/8	0.375	9.5	71.31	435.00
		1/2	0.500	12.7	92.95	567.00
		5/8	0.625	15.9	113.59	693.00
12 x 12	305 x 305	1/4	0.250	6.4	58.69	359.00
		5/16	0.313	7.9	72.79	445.00
		3/8	0.375	9.5	86.56	529.00
		1/2	0.500	12.7	113.28	692.00
		5/8	0.625	15.9	139.02	849.00
14 x 14	356 x 356	5/16	0.313	7.9	85.40	521.00
		3/8	0.375	9.5	101.80	621.00
		1/2	0.500	12.7	133.61	816.00
		5/8	0.625	15.9	164.26	1002.00
16 x 16	406 x 406	5/16	0.313	7.9	98.03	598.00
		3/8	0.375	9.5	116.89	714.00
		1/2	0.500	12.7	153.77	938.00
		5/8	0.625	15.9	189.67	1157.00

Nota: Pesos teóricos sujetos a variación +/-5% para objeto de cálculo.

Polín Monten

DIMENSIONES			PESO	
PERFIL	PULGADAS	LARGO (M)	KG/M	KG/PZA
3 Cal 14	3 X 1 1/2	6	2.61	15.66
3 Cal 16	3 X 1 1/2	6	2.08	12.48
4 Cal 12	4 X 2	6	4.80	28.80
4 Cal 14	4 X 2	4	3.40	13.60
4 Cal 14	4 X 2	6	3.40	20.40
4 Cal 16	4 X 2	6	2.71	16.26
5 Cal 12	5 X 2	6	5.30	31.80
5 Cal 14	5 X 2	5	3.80	19.00
5 Cal 14	5 X 2	6	3.80	22.80
6 Cal 10	6 X 2	6	7.30	43.80
6 Cal 12	6 X 2	6	5.86	35.16
6 Cal 14	6 X 2	6	4.19	25.14
8 Cal 10	8 X 23/4	8	9.90	79.20
8 Cal 12	8 X 23/4	8	7.96	63.68
8 Cal 14	8 X 23/4	8	5.70	45.60
10 Cal 10	10 X 3 1/2	10	11.20	112.00
10 Cal 12	10 X 3 1/2	10	9.06	90.60
10 Cal 14	10 X 3 1/2	10	6.49	64.90
12 Cal 10	12 X 3 1/2	12	13.60	163.20
12 Cal 12	12 X 3 1/2	12	10.99	131.88
12 Cal 14	12 X 3 1/2	12	7.87	94.44
14 Cal 12	14 X 3 1/2	14	12.10	169.40
14 Cal 14	14 X 3 1/2	14	8.70	121.80

A: Peralte
B: Patín
C: Espesor de alma
D: Ceja



Tubo Cédula 30

DIAMETRO NOMINAL		DIAMETRO EXTERIOR		ESPESOR		PESO	
PULGADAS	MILIMETROS	PULGADAS	MILIMETROS	PULGADAS	MILIMET-ROS	KG/M	KG/PZA (6.1 M)
1/2	12.7	0.8	20.3	0.075	1.9	0.95	5.8
3/4	19.1	1.1	26.7	0.075	1.9	1.21	7.4
1	25.4	1.3	33.4	0.075	1.9	1.53	9.4
1 1/4	31.8	1.7	42.2	0.090	2.3	2.25	13.8
1 1/2	38.1	1.9	48.3	0.090	2.3	2.59	15.8
2	50.8	2.4	60.3	0.105	2.7	3.93	24.0
2 1/2	63.5	2.9	73.0	0.105	2.7	4.79	29.3
3	76.2	3.5	88.9	0.120	3.0	6.45	39.4
3 1/2	88.9	4.0	101.6	0.120	3.0	7.40	45.2
4	101.6	4.5	114.3	0.120	3.0	8.35	51.0
6	152.4	6.6	168.3	0.188	4.8	19.23	117.4
8	203.2	8.6	219.1	0.277	7.0	36.81	225.0

Nota: Pesos teóricos sujetos a variación +/-5% para objeto de cálculo.

Tubo Cédula 40

DIAMETRO NOMINAL		DIAMETRO EXTERIOR		ESPESOR		PESO	
PULGADAS	MILIMETROS	PULGADAS	MILIMETROS	PULGADAS	MILIMETROS	KG/M	KG/PZA (6.4 M)
1/2	12.7	0.84	21.34	0.105	2.67	1.27	8.20
3/4	19.1	1.05	26.67	0.105	2.67	1.63	10.50
1	25.4	1.32	33.40	0.135	3.43	2.53	16.20
1 1/4	31.8	1.66	42.16	0.135	3.43	3.27	21.00
1 1/2	38.1	1.90	48.26	0.135	3.43	3.79	24.30
2	50.8	2.38	60.33	0.135	3.43	4.81	30.80
2 1/2	63.5	2.88	73.03	0.188	4.78	8.03	51.40
3	76.2	3.50	88.90	0.224	5.69	11.67	74.70
4	101.6	4.50	114.30	0.224	5.69	15.24	97.60
6	168.3	6.63	168.28	0.280	7.11	28.24	180.80
8	203.2	8.63	219.20	0.322	8.18	42.65	272.90

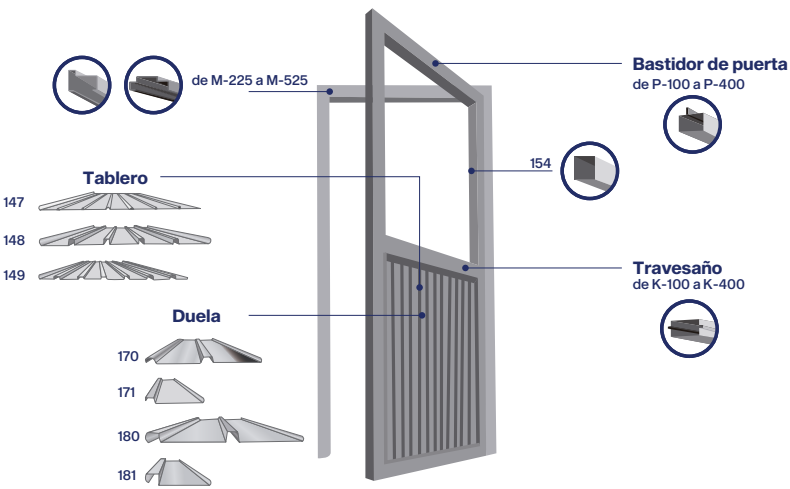
Tubo Cédula 80

DIAMETRO NOMINAL		DIAMETRO EXTERIOR		ESPESOR		PESO	
PULGADAS	MILIMETROS	PULGADAS	MILIMETROS	PULGADAS	MILIMETROS	KG/M	KG/PZA (6.4 M)
1/2	12.7	0.84	21.3	0.15	3.7	1.6	10.40
3/4	19.1	1.05	26.7	0.15	3.9	2.2	14.00
1	25.4	1.32	33.4	0.18	4.5	3.2	20.60
1 1/4	31.7	1.66	42.2	0.19	4.9	4.4	28.50
1 1/2	38.1	1.90	48.3	0.20	5.1	5.4	34.40
2	50.8	2.38	60.3	0.22	5.5	7.4	47.60

Nota: Pesos teóricos sujetos a variación +/-5% para objeto de cálculo.

Perfiles para Puertas

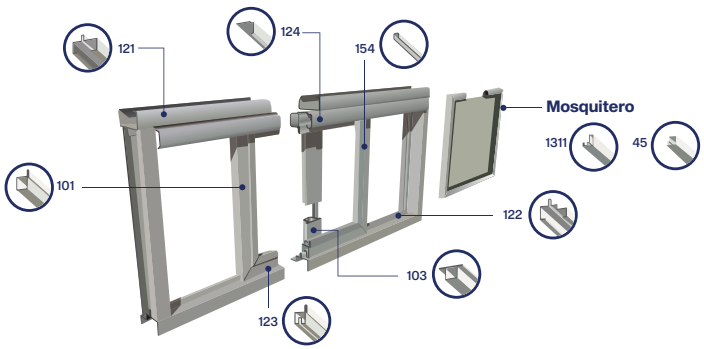
INFORMACIÓN DE PERFILES				
NOMBRE	DESCRIPCIÓN	CALIBRE	KG/M	KG/PZA (6 M)
ANGULO LISO	101	20	0.9	5.5
T SENCILLA	103	20	1.1	6.5
Z	106	20	1.1	6.5
		18	1.5	8.9
CHAMBRANA	121	20	1.0	6.0
ESCALONADO	122	20	1.0	6.0
ANGULO RANURADO	123	20	1.1	6.5
RIEL PARA VENTANA	124	18	0.7	4.1
CHAMBRANA CERRADA	126	20	1.3	7.7
		18	1.7	10.4
T DOBLE	127	20	1.4	8.5
		18	1.9	11.5
MOSQUITERO	131	20	0.6	3.9
MOSQUITERO	145	20	0.6	3.9
CANALETA PORTAVIDRIO	154	20	0.2	1.1
		18	0.3	1.5
CANALETA 3/4	155	20	0.2	1.4
CANALETA	156	20	0.4	2.4
PASAMANOS	160	20	1.1	6.5
RIELES	1400	18	1.2	7.5
	1500	14	3.1	18.4
CARRUCHA	8000			
	9000 L			
	9000 R			
TABLERO	149-L	20 20 20 20	3 x 3 3 x 6 3 x 8 3 x 10	6.0 12.0 16.0 19.9



Nota: Pesos teóricos sujetos a variación +/-5% para objeto de cálculo.

Perfiles para Ventanas

INFORMACIÓN DE PERFILES				
NOMBRE	DESCRIPCIÓN	CALIBRE	KG/M	KG/PZA (6 M)
DUELA	170	20	1.5	9.3
	180	20	2.2	12.9
BASTIDOR	P-100	20	1.0	6.1
	P-150	20	1.2	7.2
	P-200	20	1.4	8.3
	P-250	20	1.6	9.4
	P-300	20	1.7	10.4
		18	2.3	14.0
	P-400	20	2.1	12.6
		18	2.8	17.0
TRAVESAÑO	K-100	20	1.2	7.0
		18	1.6	9.5
	K-150	20	1.3	8.1
		18	1.8	11.0
	K-200	20	1.5	9.2
	K-300	20	1.9	11.3
		18	2.6	15.5
MARCO	M-225	20	1.0	6.2
	M-300	20	1.2	7.1
	M-525	20	1.6	9.4

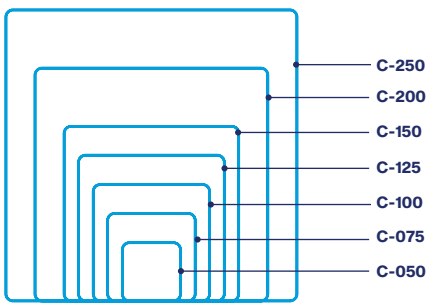


Nota: Pesos teóricos sujetos a variación +/-5% para objeto de cálculo.

Perfiles Cuadrados

Aplicaciones varias, de las cuales destacan:
Estructuras para muebles, estructuras ligeras, postes para estacas, etc.

DESCRIPCIÓN	DIMENSIONES	CALIBRE	KG/M	KG/PZA (6 M)
C-050	1/2x 1/2	20	0.34	2.1
		18	0.45	2.7
C-075	3/4 x 3/4	20	0.52	3.2
		18	0.7	4.2
C-100	1 X 1	20	0.7	4.2
		18	0.94	5.7
		16	1.18	7.1
		14	1.46	8.8
C-125	1 1/4 x 1 1/4	20	0.88	5.3
		18	1.19	7.2
		16	1.49	9.0
		14	1.85	11.1
		12	2.52	15.1
		11	2.56	15.4
C-150	1 1/2 x 1 1/2	20	1.06	6.4
		18	1.44	8.7
		16	1.8	10.8
		14	2.24	13.5
C-200	2 x 2	18	1.94	11.7
		16	2.43	14.6
		14	3.03	18.2
C-250	2 1/2 x 2 1/2	14	3.82	23.0
C-300	3 x 3	14	4.61	27.7

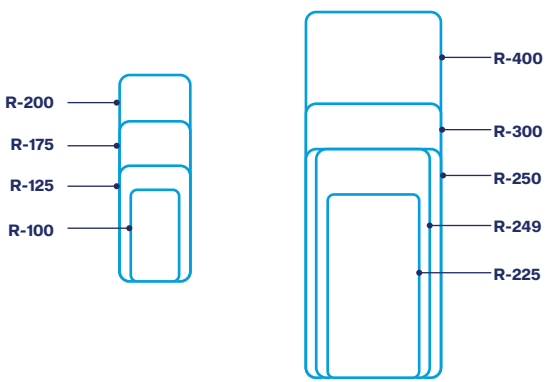


Nota: Pesos teóricos sujetos a variación +/-5% para objeto de cálculo.

Perfiles Rectangulares

Aplicaciones varias, de las cuales destacan:
Estructuras ligeras, postes para estacas, rejas, etc.

DIMENSIONES				
DESCRIPCIÓN	A x B	CALIBRE	KG/M	KG/PZA (6 M)
R-100	1 x 2	18	0.7	4.2
R-125	1 1/4 x 3/4	20	0.7	4.2
		18	0.94	5.7
R-175	1 3/4 x 3/4	20	0.88	5.3
		18	1.19	7.2
R-200	2 x 1	20	1.06	6.4
		18	1.44	8.7
		16	1.8	10.8
		14	2.24	13.5
		11	3.16	19.0
R-225	2 1/4 x 3/4	20	1.06	6.4
		18	1.44	8.7
R-249	2 1/2 x 1 1/4	20	1.34	8.1
		18	1.81	10.9
R-250	2 1/2 x 1 1/2	14	3.03	18.2
		11	4.38	26.3
R-300	3 x 1 1/2	20	1.61	9.7
		18	2.18	13.1
		16	2.75	16.5
		14	3.43	20.6
R-400	4 x 1 1/2	20	1.97	11.9
		18	2.68	16.1
		16	3.37	20.3
		14	4.22	25.4



Nota: Pesos teóricos sujetos a variación +/-5% para objeto de cálculo.



04

Construcción

Varilla corrugada

No.	DIAM. NOMINAL		PESO UNITARIO	
	PULGS	MM	KG/M	LB/FT
3	3/8	9.5	0.56	0.38
4	1/2	12.7	0.99	0.67
5	5/8	15.9	1.56	1.04
6	3/4	19.1	2.25	1.50
8	1	25.4	3.98	2.67
10	1 1/4	31.8	6.21	4.17

Varilla corrugada grado R-30 ó R-42 (G-40 y 6-60)
Límite de influencia mínimo 3000 ó 4200 kgs (426.60 ó 60,000 lbs/pulg)

Alambrón

DIAM. NOMINAL		PESO	
Pulgs	MM	KG/M	LB/FT
1/4	6.3	0.25	0.17

Alambre Recocido

No. 6, 8, 10, 12 y 16 en rollo de 50 kg. aproximadamente.

Malla Electrosoldada

DATOS TÉCNICOS				
CALIBRE	DIAMETRO		AREA NOMINAL (CM2/M)	PESO (KG/M2)
	MM	PULG		
4	5.72	0.225	1.69	2.72
6	4.95	0.195	1.23	1.98
8	4.2	0.165	0.87	1.41
10	3.43	0.135	0.61	0.98

Nota: Cuarenta metros lineales en calibres 4, 6, 8 y 10 (100 m) x 2.50m de ancho



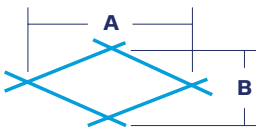
05

Piso Industrial

Metal desplegado

NUMERO DE REFERENCIA	DIMENSION DE ROMBO (BxA)			SECCIÓN		PESO		AREA	
	MM	PULG	CALIBRE	MM	PULG	KG/M2	LB/FT2	M2	FT2
E23-22	12.7 x 31.2	0.50 x 1.23	22	2.0	0.078	2.000	0.410	10.00	108.25
E24-20	12.7 x 31.2	0.50 x 1.23	20	2.0	0.078	2.400	0.490	10.00	108.25
E25-18	12.7 x 31.2	0.50 x 1.23	18	2.0	0.078	3.250	0.670	10.00	108.25
E26-16	12.7 x 31.2	0.50 x 1.23	16	2.0	0.078	4.100	0.840	10.00	108.25
G35-14	19.0 x 41.2	0.75 x 1.62	14	2.5	0.098	3.800	0.780	10.92	118.80
H40-12	25.0 x 50.8	0.98 x 2	12	3	0.118	5.150	1.050	10.92	118.80
J48-10	33.8 x 76.2	1.33 x 3	10	4	0.157	6.250	1.280	10.92	118.80

Nota: Medidas Standard son 3 ft x 36.1 ft (0.915 m x 11 m)



Piso Metal-Red / Estructural

TIPO	DIMENSION DEL ROMBO		CALIBRE		SECCIÓN		PESO	
	MM	PULG	MM	PULG	MM	PULG	KG / M2	LB / FT2
GR 1500	34.0 x 135.0	1.34 x 5.32	4.7	3/16	6.6	0.26	14.6	3.0
GR 1570	51.0 x 152.0	2.01 x 5.99	6.4	1/4	7.8	0.31	15.3	3.1
GR 2100	36.0 x 102.0	1.42 x 4.02	6.4	1/4	7.5	0.30	20.8	4.3
GR 2500	34.0 x 135.0	1.34 x 5.32	6.4	1/4	8.3	0.33	24.4	5.0

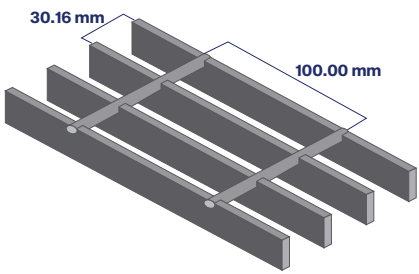
Nota 1: Medidas standard 24" (619 mm) y 48" (1220 mm) largo 10 (3050 mm)
Nota 2: El ancho se mide en la dirección de la diagonal mayor del diamante.

Guía de selección de pisos Metal-Red

CARGA CENTRADA	CLARO ENTRE SOPORTE				
(KG/ M LINEAL)	24" (609 MM)	30" (372 MM)	36" (915 MM)	42" (1066 MM)	48" (1220 MM)
75	GR-1500	GR-1500	GR-1500	GR-1500	GR-2100
	GR-1570	GR-1570	GR-1570	GR-1570	
150	GR-1500	GR-1500	GR-1500	GR-2100	GR-2500
	GR-1570	GR-1570	GR-1570		
225	GR-1500	GR-1500	GR-2500	GR-2500	
	GR-1570	GR-1570			
300	GR-1500	GR-1500	GR-2500		
	GR-1570	GR-1570			
375	GR-1500	GR-1500	GR-2500		
	GR-1570	GR-1570			

Rejillas electroforjadas

ESPESOR	PERALTE	kg/m2	Panel 1 x 6 mts
1/8	¾	18.74	113
	1	24.12	145
	1 ¼	29.5	177
	1½	34.88	210
3/16	¾	26.81	161
	1	34.88	209
	1 ¼	42.95	258
	1 ½	51.02	306
	1 ¾	59.74	358
	2	67.81	407
	2 ¼	75.88	455
	2 ½	83.95	504
1/4	1	46.29	278
	1 ¼	57.05	342
	1 ½	67.81	407
	2	89.33	536
	2 ½	110.86	665



Separación soleras: 30.16
Separación redondos: 100.00



Aceros
Treviño

CENTRO DE SERVICIO

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