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PRODUCTOS
Y PESOS TEÓRICOS

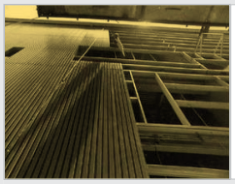

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Tabla de equivalencias

Fracciones a decimales de pulgadas, y conversión a milimetros

Fracción de pulgadas	Decimales de pulgadas	M.M.	Fracción de pulgadas	Decimales de pulgadas	M.M.
1/64	0.015625	0.39688	33/64	0.515625	13.096
1/32	0.031250	0.79375	17/32	0.53125	13.493
3/64	0.046875	1.19063	35/64	0.546875	13.890
1/16	0.062500	1.58751	9/16	0.5625	14.287
5/64	0.078125	1.98438	37/64	0.578125	14.684
3/32	0.093750	2.38126	19/32	0.59375	15.081
7/64	0.109375	2.77814	39/64	0.609375	15.478
1/8	0.125	3.17501	5/8	0.625	15.875
9/64	0.140625	3.57189	41/64	0.640625	16.271
5/32	0.156250	3.96877	21/32	0.65625	16.668
11/64	0.171875	4.36564	43/64	0.671875	17.065
3/16	0.1875	4.76252	11/16	0.6875	17.462
13/64	0.203125	5.15940	45/64	0.703125	17.859
7/32	0.218750	5.55627	23/32	0.71875	18.256
15/64	0.234375	5.93315	47/64	0.734375	18.653
1/4	0.25	6.35003	3/4	0.75	19.050
17/64	0.265625	6.74690	49/64	0.765625	19.446
9/32	0.28125	7.14378	25/32	0.78125	19.843
19/64	0.296875	7.54065	51/64	0.796875	20.24
5/16	0.3125	7.93753	13/16	0.8125	20.637
21/64	0.328125	8.33441	53/64	0.828125	21.034
11/32	0.34375	8.73128	27/32	0.84375	21.431
23/64	0.359375	9.12816	55/64	0.859375	21.828
3/8	0.375	9.52504	7/8	0.875	22.225
25/64	0.390625	9.92191	57/64	0.890625	22.621
13/32	0.40625	10.31879	29/32	0.90625	23.018
27/64	0.421875	10.71567	59/64	0.921875	23.415
7/16	0.4375	11.11254	15/16	0.9375	23.812
29/64	0.453125	11.50942	61/64	0.953125	24.209
15/32	0.46875	11.90630	31/32	0.96875	24.606
31/64	0.484375	12.30317	63/64	0.984375	25.003
1/2	0.5	12.70005	1	1.0	25.400

Tabla de pesos y medidas

Lineal	1	Centímetro	=	0.3937	Pulgadas
	1	Pulgada	=	2.54	Centímetros
	1	Pie	=	3.048	Decímetro
	1	Yarda	=	0.9544	Metros
	1	Kilometro	=	0.62137	Milla
	1	Milla	=	1.6094	Kilómetro
Peso	1	Gramo	=	0.03527	Onzas
	1	Onza	=	28.35	Gramos
	1	Kilogramo	=	2.2046	Libras
	1	Libras	=	0.4536	Kilogramos
Área	1	Pulgada cuadrada	=	6.452	Centímetros cuadrados
	1	Pie cuadrado	=	0.093	Metros cuadrados
	1	Metro cuadrado	=	1.196	Yardas cuadradas
	1	Acre	=	4047	Metros cuadrados
	1	Kilometro cuadrado	=	0.386	Milla cuadrada
	1	Milla cuadrada	=	2.59	Kilómetros cuadrados
Volumen	1	Centímetro cubico	=	0.061	Pulgada cubica
	1	Pulgada cubica	=	16.39	Centímetro cubico
	1	Pie cubico	=	0.28	Metro cubico
	1	Yarda cubica	=	0.7646	Metro cubico
	1	Metro cubico	=	0.2759	Cord

EL FARO DEL BAJÍO
COMERCIALIZADORA

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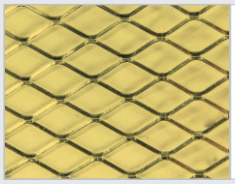

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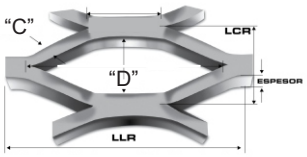
Metal desplegado

No. de referencia	Calibre	Espesor (mm)	Peso kg./m2	Sección (mm)	Abertura de la malla (mm) LCR X LLR
A4-26	26	0.45	2,44	1.0	3X6
B8-26	26	0.45	1.45	1.0	4X9
B9-24	24	0.61	1.95	1.0	4X9
B10-22	22	0.76	2.44	1.0	4X9
B11-20	20	0.91	2.93	1.0	4X9
C13-26	26	0.45	0.90	1.0	7X15
C14-24	24	0.61	1.20	1.0	7X15
C15-22	22	0.76	2.30	1.5	7X15
C16-20	20	0.91	2.77	1.5	7X15
D17-24	24	0.61	1.35	1.5	11X22
D18-22	22	0.76	1.70	1.5	11X22
D19-20	20	0.91	2.00	1.5	11X22
D20-18	18	1.21	2.70	1.5	11X22
D21-16	16	1.52	3.35	1.5	11X22
E6-22	26	0.45	0.60	1.0	12X31
E7-22	26	0.45	0.70	1.2	12X31
E23-22	22	0.76	2.00	2.0	12X31
E24-20	20	0.91	2.40	2.0	12X31
E25-18	18	1.21	3.25	2.0	12X31
E26-16	16	1.52	4.10	2.0	12X31
E27-14	14	1.90	5.10	2.0	12X31
G32-20	20	0.90	1.80	2.5	19X41
G33-18	18	1.21	2.40	2.5	19X41
G34-16	16	1.52	3.00	2.5	19X41
G35-14	14	1.90	3.80	2.5	19X41
H37-18	18	1.21	2.30	3.0	23X50
H38-16	16	1.52	2.90	3.0	23X50
H39-14	14	1.90	3.60	3.0	23X50
H40-12	12	2.66	5.15	3.0	23X50
J45-16	16	1.52	2.80	4.0	33X69
J46-14	14	1.90	3.50	4.0	33X69



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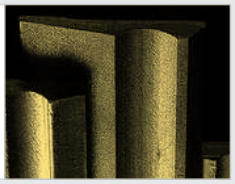

Lámina rolada en caliente y frío, negra decapada

Tabla de pesos teóricos

Calibre No.	Espesor mm	Espesor pulg.	Peso Kg/m2	0.914x1.829 3´x6´	0.914x2.438 3´x8´	0.914x3.048 3´x10´	1.219x2.438 4´x8´	1.219x3.048 4´x10´
6	4.94	0.1943	39.681	66.337	88.45	110.567	118.122	147.653
8	4.18	0.1644	33.575	56.131	74.842	93.552	99.949	124.936
9	3.8	0.1495	30.523	51.028	68.038	85.047	90.861	113.576
10	3.42	0.1345	27.471	45.925	61.234	76.542	81.776	102.22
11	3.04	0.1196	24.42	40.824	54.432	68.04	72.693	90.867
12	2.66	0.1046	21.367	35.721	47.628	59.535	63.605	79.507
13	2.28	0.0897	18.315	30.618	40.824	51.03	54.52	68.15
14	1.9	0.0747	15.262	25.515	34.02	42.525	45.432	56.79
15	1.71	0.0673	13.736	22.963	30.617	38.271	40.889	51.112
16	1.52	0.0598	12.21	20.412	27.216	34.02	36.347	45.433
18	1.21	0.0478	9.768	16.33	21.773	27.216	29.007	36.347
19	1.06	0.418	8.547	14.288	19.051	23.814	25.443	31.803
20	0.91	0.0359	7.326	12.247	16.33	20.412	21.808	27.26
22	0.76	0.299	6.105	10.206	13.608	17.01	18.173	22.717
24	0.61	0.0179	4.448	8.165	10.886	13.608	14.539	18.173
26	0.41	0.0179	3.663	6.124	8.165	10.206	10.904	13.63
28	0.38	0.0149	3.052	5.103	6.804	8.505	9.085	11.356
30	0.3	0.012	2.442	4.082	55.443	6.804	7.269	9.087

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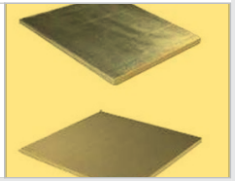
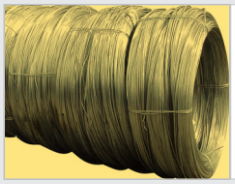


Lámina antiderrapante

Tabla de pesos teóricos: fundida, troquelada

Calibre	Espesor Pulg.	mm.	Peso kg/m2	3x10	4x10
14	0.0747	1.90	15.72	43.875	62.00
12	0.1046	2.66	21.967	62.322	81.739
1/8	0.125	3.17	30.514	85.05	113.512
10	0.1345	3.42	32.352	90.18	120.349
3/16	0.1875	4.76	43.274	120.63	160.979
1/4	0.25	6.40	56.034	156.18	208.446



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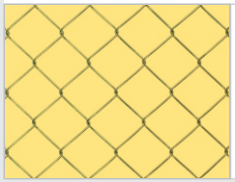
Alambre galvanizado

Tabla de pesos teóricos

Diámetro No. Calibre	Pulgadas	Peso mínimo de zinc por unidad de área mm.	Clase I OZ/FT.	Clase III OZ/OF.	kg/m
5	0.207	5.25	0.53	1.00	0.167
6	0.192	4.87	0.50	1.00	0.146
7	0.177	4.49	0.44	0.90	0.124
8	0.162	4.11	0.35	0.90	0.104
9	0.148	3.76	0.35	0.90	0.087
10	0.135	3.42	0.30	0.85	0.072
10 1/2	0.128	3.25	0.30	0.85	0.065
11	0.120	3.06	0.30	0.85	0.057
12	0.106	2.67	0.30	0.80	0.044
12 1/2	0.099	2.51	0.30	0.80	0.039
13	0.091	2.31	0.28	0.75	0.033
14	0.080	2.03	0.25	0.70	0.025
14 1/2	0.076	1.93	0.25	0.70	0.023
15	0.072	1.82	0.20	0.65	0.021
15 1/2	0.067	1.70	0.20	0.65	0.018
16	0.062	1.58	0.20	0.65	0.015
18	0.0475	1.21	0.15	0.50	0.009
20	0.0348	0.86	0.15	0.45	0.005
22	0.0265	0.67	0.15	0.45	0.003



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Malla ciclón galvanizada

Tabla de pesos teóricos

Altura del producto	Tamaño rombo mm.	Rollo Calibre 12.5	Calibre 10.5
1.00	60	26	46
1.25	60	32	57
1.50	60	39	69
1.75	60	45	80
2.00	60	52	92
2.50	60	65	115

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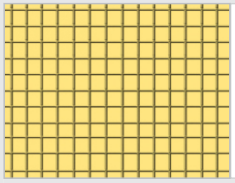
acanalado losacero.



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Malla electrosoldada

Tipo	Diámetro del alambre (mm)	Peso (kg/m2)	Presentación Rollo	Presentación Hoja
6x6 4/4	5.72	2.68	2.50 x 40m	2.50 x 6m
6x6 6/6	4.88	1.95	“	“
6x6 8/8	4.11	1.38	“	“
6x6 10/10	3.43	0.95	“	“

Escalerilla

Tabla de pesos teóricos

Diseño	Ancho	Separación	Largo (m)	Calibre
10 - 02	7	25	3	10
12 - 02	9	25	3	10
15 - 02	12	25	3	10

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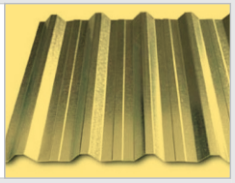

Lámina galvanizada y pintro

Calibre	Espesor mm	Espesor pulg.	Peso x metro lineal 91.5cm 3´ancho	Peso x metro lineal 122cm 4´ancho	Kg/m2 3´ R-72	Kg/m2 4´ R-101	Kg/m2 3´ O-725	Kg/m2 4´ O-100M	Kg/m2 4´ O-100T
10	3.454	0.136	24.78	33.04					
12	2.695	0.1061	19.33	25.77					
14	1.936	0.0762	13.87	18.5					
16	1.557	0.0613	11.16	14.88					
18	1.252	0.0493	8.97	11.96					
20	0.95	0.0374	6.8	9.07	9.44	8.99	9.52	8.78	9.52
22	0.798	0.0314	5.71	7.61	7.93	7.55	7.99	7.37	7.99
24	0.569	0.0224	4.07	5.42	5.65	5.38	5.69	5.25	5.69
26	0.493	0.0194	3.52	4.63	4.89	4.65	4.92	4.55	4.92
28	0.417	0.0164	2.97	3.96	4.13	3.93	4.16	3.84	4.16
30	0.343	0.0135	2.44	3.26	3.39	3.23	3.42	3.16	3.42

Tabla de pesos teóricos por pié lineal y por hoja en kilogramos

Calibre	Peso x pie L. 91.5cm 3´ancho	Peso x pie L. 122cm 4´ancho	1.83m 3´x6´	2.44m 3´x8´	3.05m 3´x10´	3.66m 3´x12´	2.44m 4´x8´	3.05m 4´x10´
10	7.56	10.07	45.36	60.41	75.51	90.61		
12	5.89	7.86	35.34	47.12	58.59	70.67	62.82	78.53
14	4.23	5.64	25.37	33.82	42.28	50.73	45.1	56.37
16	3.4	4.54	20.4	27.2	34	40.8	36.26	45.33
18	2.74	3.65	16.4	21.86	27.33	32.8	29.15	36.44
20	2.08	2.77	12.43	16.57	20.72	24.86	22.1	27.62
22	1.74	2.32	10.43	3.91	17.37	20.86	18.54	23.18
24	1.24	1.66	7.43	9.9	12.38	14.86	13.21	16.51
26	1.08	1.43	6.43	8.57	10.71	12.86	11.43	14.29
28	0.91	1.21	5.43	7.24	9.05	10.86	9.65	12.06
30	0.75	1	4.46	5.95	7.44	8.92	7.93	9.91

Las tablas están basadas en los espesores nominales del acero considerando un peso específico para el mismo de 7,850 kg/m3 con capa de zinc G-90 (0.275 KG/M2)

EL FARO DEL BAJÍO
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Varilla R-42 y R-600

Ademas:

Malla electrosoldada
Escalerilla
Armadura
Alambrón
Alambre
Malla ciclón

EL FARO DEL BAJÍO
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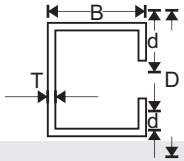
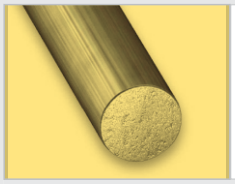
Montén

Tabla de pesos teóricos

Perfil	Dimensiones en pulg. D x B	Cal.	Kg/m	Dimensiones en mm. D	B	d	T
12 MT 10	12 X 3.5	10	13.5	305	89	22	3.4
12 MT 12	“	12	10.6	305	89	22	2.7
12 MT 14	“	14	7.6	305	89	19	1.9
10 MT 10	10 X 2.75	10	10.8	254	89	22	3.4
10 MT 12	“	12	8.5	254	89	22	2.7
10 MT 14	“	14	6	254	89	19	1.9
10 MT 16	“	16	5.2	254	89	19	1.5
8 MT 10	8 X 2.75	10	9.9	203	76	19	3.4
8 MT 12	“	12	7.4	203	76	19	2.7
8 MT 14	“	14	5.2	203	76	19	19
8 MT 16	“	16	4.5	203	76	19	1.5
7 MT 10	7 X 2.75	10	9.2	178	64	19	3.4
7 MT 12	“	12	7.4	178	64	19	2.7
7 MT 14	“	14	5.3	178	64	19	1.9
7 MT 16	“	16	4.2	178	64	19	1.5
6 MT 10	6 X 2.0	10	7.3	152	64	19	3.4
6 MT 12	“	12	5.6	152	64	19	3.4
6 MT 14	“	14	4	152	64	19	1.9
6 MT 16	“	16	3.3	152	64	19	1.5
5 MT 10	5 X 2.0	10	6.6	127	51	19	3.4
5 MT 12	“	12	5.2	127	51	19	2.7
5 MT 14	“	14	3.6	127	51	16	1.9
5 MT 16	“	16	3.0	127	51	16	1.5
4 MT 10	4 X 2.0	10	5.9	102	51	19	3.4
4 MT 12	“	12	4.7	102	51	19	2.7
4 MT 14	“	14	3.2	102	51	16	1.9
4 MT 16	“	16	2.7	102	51	16	1.5
3 MT 10	3 X 2.0	10	4.6	76	38	19	3.4
3 MT 12	“	12	3.7	76	38	19	2.7
3 MT 14	“	14	2.4	76	38	19	1.9
3 MT 16	“	16	2.2	76	38	19	1.5



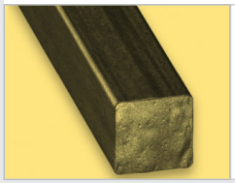
Nota: Todos los pesos son teóricos con la tolerancia ASTM(+ -15%)



EL FARO DEL BAJÍO
COMERCIALIZADORA

Perfil redondo

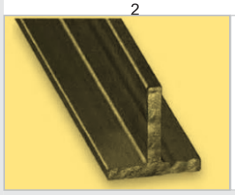
Tabla de pesos teóricos			
Fracción	Medidas Milímetros	Pulgadas	kg/m
3/16	4.7	0.187	0.14
1/4	6.3	0.25	0.249
5/16	7.9	0.3125	0.388
3/8	9.5	0.375	0.559
1/2	12.7	0.5	0.994
5/8	15.9	0.625	1.55
3/4	19.1	0.75	2.235
7/8	22.2	0.875	3.05
1	25.4	1	3.97
1 1/8	28.6	1.125	5.02
1 1/4	31.8	1.25	6.21
1 3/8	34.9	1.37	7.55
1 1/2	38.1	1.5	8.94
1 3/8	34.9	1.37	7.55
1 3/4	44.5	1.75	12.17
1 7/8	47.7	1.87	13.97
2	50.8	2	15.89



EL FARO DEL BAJÍO
COMERCIALIZADORA

Perfil cuadrado

3/8	9.5	0.375	0.71
1/2	12.7	0.5	1.26
5/8	15.9	0.625	1.97
3/4	19.1	0.75	2.84
7/8	22.2	0.875	3.87
1	25.4	1	5.06
1 1/8	28.6	1.125	6.4
1 1/4	31.8	1.25	7.9
1 1/2	38.1	1.50	11.39
1 3/4	44.5	1.75	15.49
2	50.8	2	20.23

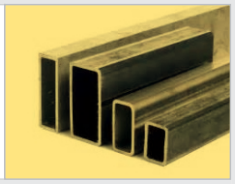


EL FARO DEL BAJÍO
COMERCIALIZADORA

Perfil tee

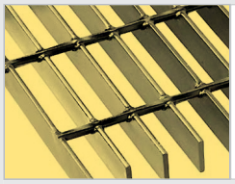
	Medidas Pulgadas		Milímetros		kg/m
35	1/8 “	x 3/4 x 1	3.2 “	x 19.1 x 25.4	0.88 1.319

EL FARO DEL BAJÍO
COMERCIALIZADORA



HSS Rectangular

Eje X-X		Eje Y-Y				Torsión		Area de sup. por M.L.
r cm	Z cm3	I cm4	S cm3	r cm	Z cm3	J cm4	C cm3	mt2
4.53	88.0	200	52.4	3.03	61.6	457.85	100	0.39
4.61	68.7	160	41.9	3.10	48.3	360.45	77.1	0.39
5.26	234.34	736.73	145.19	3.81	175.34	1677.41	291.69	0.47
5.44	191.73	620.18	122.08	3.94	143.55	1365.24	232.70	0.48
5.51	169.00	548.00	108.00	4.01	127.00	1070.00	201.00	0.48
5.59	138.47	462.02	90.78	4.09	104.55	978.14	165.51	0.49
5.67	108	363	71.5	4.15	81.6	761.71	126	0.49
6.93	188.00	311.00	81.60	3.18	93.20	865.76	163.00	0.54
7.03	145.00	246.00	64.60	3.25	72.30	640.00	125.00	0.54
6.88	378.54	982.31	193.37	3.96	227.78	2543.17	399.84	0.57
7.06	304.80	815.81	160.27	4.09	185.17	2052.02	316.27	0.58
7.24	216.31	599.37	117.99	4.22	133.23	1465.13	222.86	0.59
7.39	493.25	2601.45	340.85	5.89	403.12	5286.14	629.26	0.67
7.54	391.65	2106.13	276.94	6.02	321.19	4162.31	491.61	0.68
7.70	275.30	1510.92	198.28	6.17	226.14	2921.94	340.84	0.69
7.77	211.00	1170.00	153.00	6.24	174.00	2239.33	259.00	0.70
8.66	439.17	1007.28	198.28	4.17	227.78	2767.94	399.84	0.68
8.84	309.72	736.76	145.03	4.32	161.90	1968.77	280.22	0.69
9.07	699.73	3192.50	419.51	6.07	488.33	7325.67	798.05	0.77
9.22	550.61	2568.15	337.57	6.20	385.10	5743.99	621.07	0.78
9.37	383.46	1831.42	240.89	6.32	270.39	4016.63	427.70	0.79
9.47	843.93	6285.09	617.79	7.98	722.67	11987.47	1088.10	0.87
9.63	660.4	4994.78	491.61	8.10	566.99	9323.58	840.66	0.88
9.78	458.84	3521.32	345.77	8.26	393.29	6451.59	576.82	0.89
10.69	934.06	3787.71	496.53	6.20	571.91	9448.45	966.84	0.87
10.87	730.86	3034.33	398.21	6.32	450.64	7408.92	750.53	0.88
11.02	508.00	2156.08	283.50	6.45	314.64	5161.27	516.19	0.89
11.18	1111.04	7367.30	727.59	8.15	839.02	15691.92	1317.52	0.98
11.35	865.24	5827.24	575.19	8.31	653.84	12153.96	1016.00	0.98
11.51	598.13	4104.04	403.12	8.43	453.92	8407.87	696.45	1.00
12.29	1201.17	4370.43	575.19	6.30	655.48	11612.86	1135.62	0.98
12.47	935.70	3496.34	458.84	6.43	514.55	9115.47	878.35	0.98
12.65	647.29	2476.58	324.46	6.55	358.88	6326.72	604.68	1.00
14.48	1737.03	9573.32	943.89	8.43	1068.44	23433.83	1769.80	1.18
14.66	1340.46	7533.79	742.33	8.56	829.19	18147.69	1366.68	1.19
14.81	920.95	5286.14	519.47	8.69	571.91	12486.94	932.42	1.20



EL FARO DEL BAJÍO
COMERCIALIZADORA

Rejilla electroforjada (tráfico ligero)

Tabla informativa para tipo W19-100, W19-50

Peralte Pulg.	Espesor Pulg.	Peralte mm.	Espesor mm.	Peso aprox. kg/m2	Carga	Distancia en cm de claro 50	75	100	125	150	175	200	225	250	275
1/8	3/4	19.05	3.175	18.74	U	2182.70	1157.52	656.24	415.79						
					C	1.49	3.83	6.82	10.63						
					DU	604.26	430.94	324.26	258.87						
					DC	1.18	3.06	5.46	8.51						
3/16	3/4	19.05	4.762	26.81	U	3276.49	1738.72	984.37	621.73						
					C	1.49	3.83	6.82	10.63						
					DU	907.067	646.47	486.48	387.11						
					DC	1.18	3.06	5.46	8.51						
1/8	1	25.4	3.175	24.12	U	3886.26	2060.15	1166.29	738.86	511.58	377.11				
					C	1.11	2.86	5.12	7.97	11.48	15.61				
					DU	1076.39	766.37	576.34	459.71	383.05	328.61				
					DC	0.92	2.30	4.09	6.37	9.17	12.50				
3/16	1	25.4	4.762	34.88	U	5820.99	3089.85	1748.36	1107.80	769.04	563.15				
					C	1.11	2.86	5.12	7.97	11.48	15.61				
					DU	1611.50	1150.13	864.42	689.42	573.83	491.78				
					DC	0.92	2.30	4.09	6.37	9.17	12.50				
1/8	1 1/4	31.75	3.175	29.5	U	6065.45	3222.17	1822.53	1154.65	799.87	587.56	446.84			
					C	0.92	2.30	4.09	6.37	9.17	12.50	16.29			
					DU	1680.65	1197.31	900.60	717.39	598.11	512.67	448.34			
					DC	0.74	1.83	3.27	5.11	7.34	9.99	13.05			
3/16	1 1/4	31.75	4.762	42.95	U	9097.49	4828.57	2732.72	1729.53	1199.42	881.50	672.10			
					C	0.92	2.30	4.09	6.37	9.17	12.50	16.29			
					DU	2519.16	1796.59	1350.90	1076.53	896.42	768.26	671.21			
					DC	0.74	1.83	3.27	5.11	7.34	9.99	13.05			
1/8	1 1/2	38.1	3.175	34.88	U	8735.69	4634.69	2624.98	1660.24	1149.83	847.16	647.68	510.43	414.80	339.81
					C	0.76	1.63	3.42	5.32	7.64	10.42	13.57	17.19	21.23	25.68
					DU	2418.52	1725.25	1296.39	1034.28	860.24	738.45	644.61	573.48	515.64	469.04
					DC	0.61	1.53	2.73	4.25	6.11	8.33	10.88	13.77	17.00	20.52
3/16	1 1/2	38.1	4.762	51.02	U	13105.97	6954.88	3935.33	2491.82	1726.42	1270.74	969.39	767.50	619.76	509.82
					C	0.76	1.93	3.42	5.32	7.64	10.42	13.57	17.19	21.23	25.68
					DU	3629.60	2587.24	1944.92	1550.53	1291.38	1107.28	967.57	859.65	774.51	703.50
					DC	0.61	1.53	2.73	4.25	6.11	8.33	10.88	13.77	17.00	20.52
3/16	2	50.8	4.762	67.81	U	23288.86	12364.27	6996.17	4428.28	3068.70	2257.46	1722.68	1359.51	1103.85	908.00
					C	0.56	1.43	2.56	3.99	5.74	7.81	10.18	12.90	15.93	19.24
					DU	6448.54	4600.62	3457.20	2756.49	2295.33	1967.96	1719.89	1529.78	1376.15	1249.66
					DC	0.45	1.16	2.04	3.19	4.58	6.24	8.16	10.32	12.74	15.39
3/16	2 1/4	63.5	4.762	83.95	U	36394.84	19319.15	10933.64	6920.10	4795.12	3528.20	2692.06	2127.01	1723.61	1417.83
					C	0.45	1.16	2.04	3.19	4.58	6.24	8.16	10.32	12.74	15.39
					DU	10078.14	7187.86	5402.12	4307.32	3585.69	3075.24	2687.45	2389.43	2150.06	1953.23
					DC	0.37	0.91	1.62	2.55	3.67	5.00	6.53	8.25	10.19	12.33

U = Carga uniforme permisible (en kg/m2)

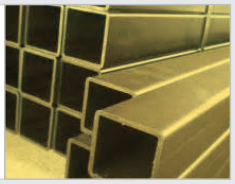
C = Carga concentrada permisible (en kg/m)

DU = Deflexión con carga uniforme (mm)

DC = Deflexión con carga concentrada (mm)

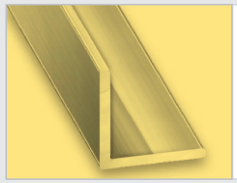
En rejilla dentada, considerar un peralte de 1/4"mayor al requerido para soportar la carga señalada.

EL FARO DEL BAJÍO
COMERCIALIZADORA



HSS Cuadrado

	I	S	r	z	Torsión J	C	Area de sup. por ML
	4	Cm3	CM	3	4	3	3
	495.32	97.18	3.56	120.61	874.09	183.54	0.37
	424.56	83.90	3.71	101.93	728.40	149.61	0.37
	379.60	74.73	3.78	89.80	636.83	129.46	0.38
	324.24	63.75	3.86	75.71	532.78	107.34	0.39
	1078.04	170.43	4.60	208.12	1856.39	306.44	0.47
	903.22	141.91	4.75	170.43	1502.60	244.17	0.48
	790.84	124.54	4.83	148.14	1294.48	209.75	0.48
	665.97	104.88	4.90	123.39	1073.88	172.06	0.49
	522.00	82.20	4.97	96.10	7810.00	132.00	0.49
	2289.27	299.88	5.51	371.99	3954.20	547.33	0.56
	1639.95	214.67	5.79	255.64	2688.86	362.15	0.58
	2006.24	263.83	5.64	319.55	3375.64	460.48	0.57
	1427.67	186.81	5.87	221.23	2305.92	309.72	0.59
	1190.42	156.00	5.94	181.90	1893.85	252.36	0.59
	923.0	121.00	6.01	141.0	1456.81	192.00	0.59
	6076.98	598.13	7.59	724.31	10156.05	1035.66	0.76
	5202.89	509.64	7.72	607.96	8491.12	858.68	0.77
	4141.50	408.04	7.87	478.50	6659.70	666.95	0.78
	3558.78	350.68	7.95	409.68	5660.75	565.35	0.79
	2934.43	288.41	8.03	334.30	4620.17	458.64	0.79
	2260.00	222.00	8.09	256.00	3521.32	347.00	0.80
	12653.44	996.33	9.65	1191.34	20728.32	1671.48	0.97
	10653.44	839.02	9.80	989.78	17148.73	1379.79	0.98
	8407.87	660.40	9.96	770.19	13277.78	1061.88	0.98
	7159.18	563.72	10.01	653.84	11238.25	896.37	0.99
	5868.86	462.12	10.08	532.58	9157.09	725.95	1.00
	4480.00	353.00	10.20	405.00	6951.06	548.00	1.00
	22809.48	1497.78	11.73	1769.80	36878.10	2474.45	1.17
	19021.78	1248.69	11.89	1461.73	30301.65	2015.61	1.18
	14859.46	975.03	12.01	1130.71	23350.58	1548.58	1.19
	12653.44	829.19	12.09	957.00	19687.75	1304.41	1.19
	10322.54	676.79	12.17	776.75	15941.66	1053.69	1.20
	374000.00	2100.00	13.80	2480.00	55900.00	3430.00	1.37
	30900.00	1740.00	14.00	2030.00	46300.00	2780.00	1.38
	24100.00	1360.00	14.10	1570.00	36100.00	2140.00	1.39
	20400.00	1150.00	14.20	1320.00	30600.00	1790.00	1.40
	46900.00	2310.00	16.00	2680.00	703000.00	3670.00	1.59
	36500.00	1790.00	16.20	2070.00	54700.00	2810.00	1.60
	30800.00	1510.00	16.20	1740.00	46100.00	2350.00	1.60



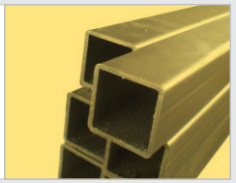
EL FARO DEL BAJÍO
COMERCIALIZADORA

Ángulo

Tabla de pesos teóricos

Medidas Pulgadas		Milímetros		kg/m
1/8	x 3/4	3.2	x 19.1	0.88
	x 1		x 25.4	1.19
	x 1 1/4		x 31.7	1.50
	x 1 1/2		x 38.1	1.83
	x 2		x 50.8	2.46
3/16	x 1	4.8	x 25.4	1.73
	x 1 1/4		x 31.7	2.2
	x 1 1/2		x 38.1	2.68
	x 2		x 50.8	3.63
	x 2 1/2		x 63.5	4.60
	x 3		x 76.2	5.97
1/4	x 1	6.3	x 25.4	2.20
	x 1 1/4		x 31.7	2.86
	x 1 1/2		x 38.1	3.49
	x 2		x 50.8	4.75
	x 2 1/2		x 63.5	6.10
	x 3		x 76.2	7.29
	x 3 1/2		x 88.9	8.63
	x 4		x 101.6	9.90
	x 4 x 3		x 101.6 x 76.3	8.63
5/16	x 2	7.9	x 50.8	5.84
	x 2 1/2		x 63.5	7.44
	x 3		x 76.2	9.08
	x 3 1/2		x 88.9	10.71
	x 4		x 101.6	12.2
3/8	x 2	9.5	x 50.8	6.99
	x 2 1/2		x 63.5	8.78
	x 3		x 76.2	10.72
	x 4		x 101.6	14.58
	x 5		x 127.0	18.30
	x 6		x 152.4	22.17
	x 4 x 3		x 101.6 x 76.3	12.65
	x 4 x 6		x 101.6 x 152.4	18.30
1/2	x 1 1/2	12.7	x 38.1	3.798
	x 2		x 50.8	5.064
	x 2 1/2		x 63.5	11.831
	x 3		x 76.2	13.9
	x 4		x 101.6	19.05
	x 5		x 127.0	24.11
	x 6		x 152.4	29.17
	x 4 x 3		x 101.6 x 76.3	16.52
	x 4 x 6		x 101.6 x 152.4	24.11
5/8	x 4	15.9	x 101.6	23.36
	x 6		x 152.4	36.01
	x 4 x 3		x 101.6 x 76.3	20.24
	x 4 x 6		x 101.6 x 152.4	29.76
3/4	x 4	19	x 101.6	27.53
	x 6		x 152.4	42.71
	x 4 x 3		x 101.6 x 76.3	23.81
	x 4 x 6		x 101.6 x 152.4	35.12
1	x 6	25.4	x 152.4	55.66
	x 6 x 4		x 152.4 x 101.6	45.54

EL FARO DEL BAJÍO
COMERCIALIZADORA



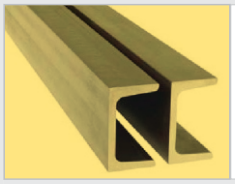
PTR

Tabla de pesos teóricos

Dimensiones exteriores DXB	Espesor Pulg.	mm.	Cal.	Peso P Km/m	Area A cm2	Momento de inercia I Eje xx cm4	Momento de inercia I Eje yy cm4	Momento de sección S Eje xx cm3	Momento de sección S Eje yy cm3	Radio de giro r Eje xx cm	Radio de giro r Eje yy cm
4 x 3	0.75	1.9	14	5.40	5.72	88.2	56.76	17.32	14.9	4.02	3.14
"	0.120	3	11	8.02	10.62	156.41	100.45	30.79	26.36	3.93	3.07
"	0.148	3.8	9	9.75	13	187	120	36.9	31.5	3.81	3.05
"	0.179	4.5	7	12.1	15.4	218	139	41.9	36.5	3.76	3
"	0.250	6.4	1/4	15.60	19.9	269	171	52.9	44.8	2.67	2.93
4 x 4	0.075	1.9	14	6.19	5.72	108.72	108.72	21.44	21.44	4.07	4.07
"	0.120	3	11	9.23	10.70	172.32	172.32	33.92	33.92	4.01	4.01
"	0.148	3.8	9	11.25	15.27	241.01	241.01	48.48	48.48	3.98	3.98
"	0.179	4.5	7	14.04	17.81	273.84	273.84	53.90	53.90	3.92	3.92
"	0.250	6.4	1/4	18.20	23.20	342	342	67.3	67.3	3.84	3.84
5 x 5	0.250	6.4	1/4	23.22	29.60	705	705	111	111	4.88	4.88
6 x 4	0.250	6.4	1/4	23.20	29.60	919	488	121	96.2	5.57	4.06

Otros

Tabla roca



EL FARO DEL BAJÍO
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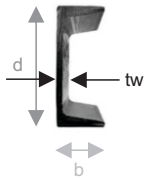
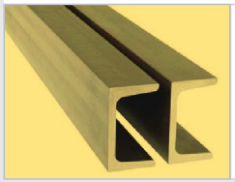
Canal U

Tabla de pesos teóricos

Peralte (d)		Patín (b)		Alma (tw)		Peso	
Mm.	Pulgadas	Mm.	Pulgadas	Mm.	Pulgadas	Kg/m	Lib/Pie
76.2	3	35.8	1.41	4.3	0.17	6.1	6.1
101.6	4	40.2	1.58	4.8	0.18	8.04	8.04
152.4	6	48.7	1.92	5.1	0.2	12.2	12.2
		51.6	2.03	8	0.31	15.62	15.62
		54.9	2.16	11	0.56	19.34	19.34
203.2	8	57.4	2.25	5.6	0.22	17.11	17.11
		59.5	2.34	8	0.303	20.46	20.46
		64	2.52	12.4	0.49	27.93	27.93
254.0	10	66	2.6	6.1	0.24	22.76	22.76
		69.5	2.74	9.62	0.379	29.76	29.76
		73.3	2.88	13.36	0.526	37.2	37.2
		77	3.03	17.09	0.673	44.6	44.6
304.8	12	74.72	2.94	7.16	0.282	30.8	30.8
		77.39	3.04	9.83	0.387	37.2	37.2
		80.51	3.17	12.95	0.51	44.6	44.6





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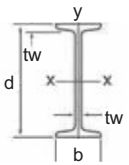
IPS

Tabla de pesos teóricos

Medida	Peralte (d)		Patín (b)		Espesor (tf)		Alma (tw)		Peso teórico	
	in	mm	in	mm	in	mm	in	mm	kg/m	lb/ft
3	3.000	76.200	2.330	59.2000	-	-	0.170	4.3000	8.480	5.700
4	4.000	101.600	2.663	67.6402	0.293	7.4422	0.193	4.9022	11.459	7.700
5	5.000	127.000	3.004	76.3016	0.326	8.2804	0.214	5.4356	14.882	10.000
6	6.000	152.400	3.332	84.6328	0.359	9.1186	0.232	5.8928	18.602	12.500
8	7.000	200.000	3.543	89.9922	0.445	11.3030	0.295	7.493	26.199	17.605



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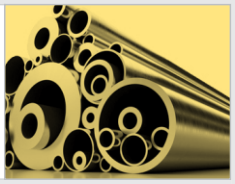

Tubería mecánica (TNM)

Tabla de pesos teóricos

Diám. Nominal		Diám. Exterior		Espesor		CED. No.	Peso nominal extremo liso		Sistema para embarcar	
pulg.	mm	pulg.	mm	pulg.	mm		lb/pie	kg/m	Pzas/PQ	Kg/PQ
1/2	13	0.840	21.3	0.109	2.77	40	0.85	1.27	120	975
3/4	13	1.05	26.7	0.113	2.87	40	1.13	1.69	84	909
1	25	1.315	33.4	0.133	3.38	40	1.68	2.50	60	960
1 1/4	32	1.660	42.2	0.140	3.56	40	2.27	3.39	42	911
1 1/2	38	1.900	48.3	0.145	3.68	40	2.72	4.05	36	933
2	51	2.375	60.3	0.154	3.91	40	3.65	5.44	26	905
2 1/2	64	2.875	73.0	0.203	5.16	40	5.79	8.63	18	994
3	76	3.500	88.9	0.216	5.49	40	7.58	11.29	14	1012
4	102	4.500	114.3	0.237	6.02	40	10.79	16.07	10	1028
6	152	6.625	168.3	0.280	7.11	40	18.97	28.26	7	1226

Otros

Impermeabilizante

Otros

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Perfiles estructurales

IPR

CNU

IPS

con variación de medidas
y para usos diversos

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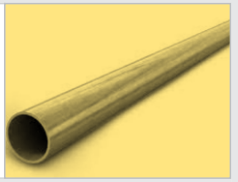
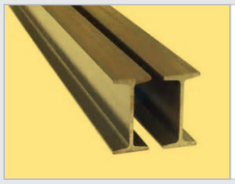


Tubo cerquero

Tabla de pesos teóricos

D. comercial	Diam. real Pulg.	Diam. real mm.	Cal	Espesor mm.	Peso Kg/ml	Peso kg/pza
1"	1.000	25.4	16	1.55	0.96	5.7
"	"	"	18	1.25	0.77	4.6
"	"	"	20	0.95	0.58	3.5
1 3/8"	1.315	33.4	18	1.24	1.02	6.12
"	"	"	20	0.93	0.77	4.62
1 1/2"	1.500	38.1	18	1.24	1.16	6.96
"	"	"	20	0.93	0.89	5.34
1 5/8"	1.660	42.2	18	1.24	1.29	7.74
"	"	"	20	0.93	0.98	5.88
2	1.900	48.3	14	1.92	2.27	13.62
"	"	"	16	1.54	1.83	10.98
"	"	"	18	1.24	1.48	8.88
"	"	"	20	0.93	1.13	6.78
2 1/2	2.375	60.3	14	1.92	2.84	17.04
"	"	"	16	1.54	1.83	10.98
"	"	"	18	1.24	1.48	8.88
"	"	"	20	0.93	1.13	6.78
3	2.875	73.0	14	1.92	3.42	20.52
"	"	"	16	1.54	2.78	16.68
"	"	"	18	1.24	2.23	13.38

Ced. No.	Presiones prueba hidrostática ASTM A 53 GA Lb/pie	ASTM A 53 GA Kg/m	ASTM A 53 GA Lb/in2	ASTM A 53 GA Kg/cm2	ASTM 53 GB Lb/in2	ASTM 53 GB Kg/cm2	Norma API 5L GR B ASTM A53 GR B
20	22.36	33.57	1040	73	1120	84	
40	28.55	42.65	1340	92	1570	108	
20	28.04	42.09	840	58	980	68	
-	38.23	56.72	1150	79	1340	92	
40	40.52	60.29	1220	84	1430	99	
60	54.79	81.52	1670	115	1950	134	
20	33.38	50.11	710	49	820	57	
30	43.77	65.35	930	64	1090	75	
-	49.61	73.78	1060	73	1240	85	
-	65.48	97.43	1410	97	1650	114	
40	53.58	79.65	1150	79	1340	92	
10	36.71	55.11	640	45	750	52	
30	54.62	81.25	960	66	1120	77	
40	63.85	94.55	1130	78	1310	90	
-	72.16	107.39	1290	89	1500	103	
10	42.09	62.64	560	39	660	45	
20	52.56	77.83	700	48	820	56	
30	62.64	93.17	840	58	980	68	
40	82.85	123.30	1120	77	1310	90	
10	47.44	70.6	500	34	580	40	
20	59.26	87.75	620	43	730	50	
-	70.98	105.1	750	52	880	60	
-	93.54	139.2	1000	69	1170	81	



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IPR

Tabla de pesos teóricos

Medida	Peso		Área	Peralte	Patín		Alma
	lb/ft	kg/m	A in2	d in	b in	tf in	tw in
W14 (14x5)	22	32.76	6.49	13.74	5.00	0.340	0.230
	26	38.72	7.69	13.91	5,03	0.420	0.260
W14 (14X6 3/4)	30	44.64	8.85	13.84	6.73	0.385	0.270
	34	50.59	10.00	13.98	6.75	0.455	0.285
	38	56.54	11.20	14.10	6.77	0.515	0.310
W14 (14X8)	43	63.98	12.60	13.66	8.00	0.530	0.305
	48	71.42	14.10	13.79	8.03	0.595	0.340
	53	78.68	15.60	13.92	8.06	0.660	0.370
W14 (14X10)	61	90.80	17.90	13.89	10.00	0.650	0.380
	68	101.00	20.00	14.04	10.04	0.720	0.420
	74	110.22	21.80	14.17	10.07	0.785	0.450
	82	122.00	24.10	14.31	10.13	0.860	0.510
W14 (14X14 1/2)	90	133.90	26.50	14.02	14.52	0.710	0.440
	99	148.00	29.10	14.16	10.57	0.780	0.485
	109	162.20	32.00	14.32	14.61	0.860	0.530
	120	178.60	35.30	14.48	14.67	0.940	0.590
	132	196.40	38.80	14.66	14.73	1.030	0.650
W16 (16X5 1/2)	26	38.70	7.70	15.69	5.50	0.350	0.250
	31	46.14	9.10	15.88	5.53	0.440	0.280
W16 (16X7)	36	53.57	10.60	15.86	6.99	0.430	0.295
	40	59.52	11.80	16.01	7.00	0.505	0.305
	45	67.02	13.30	16.13	7.04	0.565	0.345
	50	74.40	14.70	16.26	7.07	0.630	0.380
	57	84.82	16.80	16.43	7.12	0.715	0.430
W16 (16X10 1/4)	67	99.73	19.70	16.33	10.24	0.670	0.400
	77	114.69	22.60	16.52	10.30	0.760	0.455
	89	132.56	26.20	16.75	10.37	0.875	0.525
W18 (18X69	35	52.10	10.30	17.70	6.00	0.430	0.300
	40	59.54	11.80	18.00	6.02	0.530	0.320
	46	68.08	13.50	18.06	6.06	0.610	0.360
W18 (18X7 1/2)	50	74.40	14.70	17.99	7.50	0.570	0.355
	55	81.84	16.20	18.11	7.53	0.630	0.390
	60	89.28	17.60	18.24	7.56	0.695	0.415
	65	96.72	19.10	18.35	7.59	0.750	0.450
	71	105.64	20.80	18.47	7.64	0.810	0.495
W18 (18X11)	76	113.20	22.30	18.21	11.04	0.681	0.425
	86	128.09	25.30	18.39	11.10	0.772	0.480
	97	144.48	28.50	18.59	11.14	0.870	0.535
	106	157.88	31.10	18.74	11.20	0.940	0.591
	119	177.25	35.10	18.97	11.27	1.063	0.655
	130	193.00	39.63	19.25	11.14	1.200	0.670
	143	213.00	43.84	19.49	11.22	1.320	0.730
W21 (21X6 1/2)	44	65.50	13.00	20.66	6.50	0.450	0.350
	50	74.40	14.70	20.83	6.53	0.540	0.380
	57	84.90	16.70	21.06	6.56	6.650	0.405

EL FARO DEL BAJÍO
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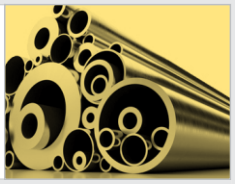
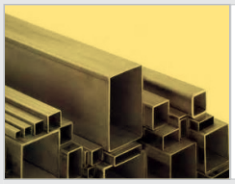


Tubería de conducción (ced.40, 80, N.X.)

ASTM A-53

Peso nominal extremo liso		Presiones prueba hidrostática	
Lb/pie	Kg/m	Lb/in2	Kg/cm2
0.70	1.05	700	49
0.85	1.27	700	48
1.09	1.62	850	59
1.13	1.62	850	59
1.47	2.20	850	59
1.68	2.50	700	49
2.17	3.21	850	59
2.27	3.43	1300	90
3.00	4.51	1900	131
2.72	4.07	1300	90
3.63	5.43	1900	131
3.65	5.42	2500	172
5.02	7.43	2500	172
4.64	6.91	2500	172
5.79	8.63	2500	172
6.06	9.01	2500	172
7.58	11.29	2500	172
8.54	12.70	1750	121
10.79	16.07	2210	152
12.92	19.27	1190	82
17.02	25.36	1580	109
18.97	28.26	1780	123

TERMINA TERA PARTE IDA



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Perfil tubular

Tabla de pesos teóricos

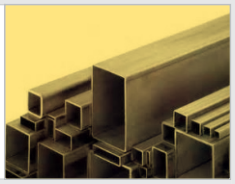
Ventana

No.	No.	Calibre	Kgxm	Kg x Pza
101	--	18	1.23	7.38
“		20	0.93	5.58
103	--	18	1.46	8.76
“		20	1.10	6.60
106	--	18	1.46	8.76
“		20	1.10	6.60
116	--	20	1.47	8.82
120	--	18	1.40	8.40
“		20	1.03	6.18
121	--	18	1.37	8.22
“		20	1.03	6.18
122	--	18	1.37	8.22
“		20	1.03	6.18
123	--	20	1.10	6.60
124	--	18	0.70	4.20
126	--	18	1.70	10.20
“		20	1.30	7.80
127	--	18	1.91	11.46
“		20	1.45	8.70
131	--	20	0.64	3.85
144	--	18	1.55	9.30
“		20	1.20	7.20
145	--	20	0.70	4.20
154	--	18	0.25	1.50
“		20	0.19	1.14
155	--	20	0.24	1.44
156	--	20	0.40	2.40

Tabla de pesos teóricos

Puertas

No.	No.	Calibre	Kgxm	Kg x Pza
117	P-100	18	1.37	8.22
		20	1.04	6.24
129	M-225	18	1.28	7.7
		20	0.98	5.9
132	P-400	18	2.83	16.98
		20	2.14	12.84
133	P-300	18	2.33	13.98
		20	1.77	10.62
135	K-300	18	2.60	15.60
138	P-150	18	1.62	9.72
		20	1.22	7.32
140	k-150	18	1.90	11.40
		20	1.45	8.70
159	141	18	1.8	10.80
		20	1.4	8.40
160		18	1.5	9.00
		20	1.1	6.60
161	P-200	18	1.88	11.28
		20	1.40	8.40
168	P-50	18	2.08	12.48
		20	1.58	9.48
1400	-	18	1.24	7.44
1500	-	14	3.01	18.06



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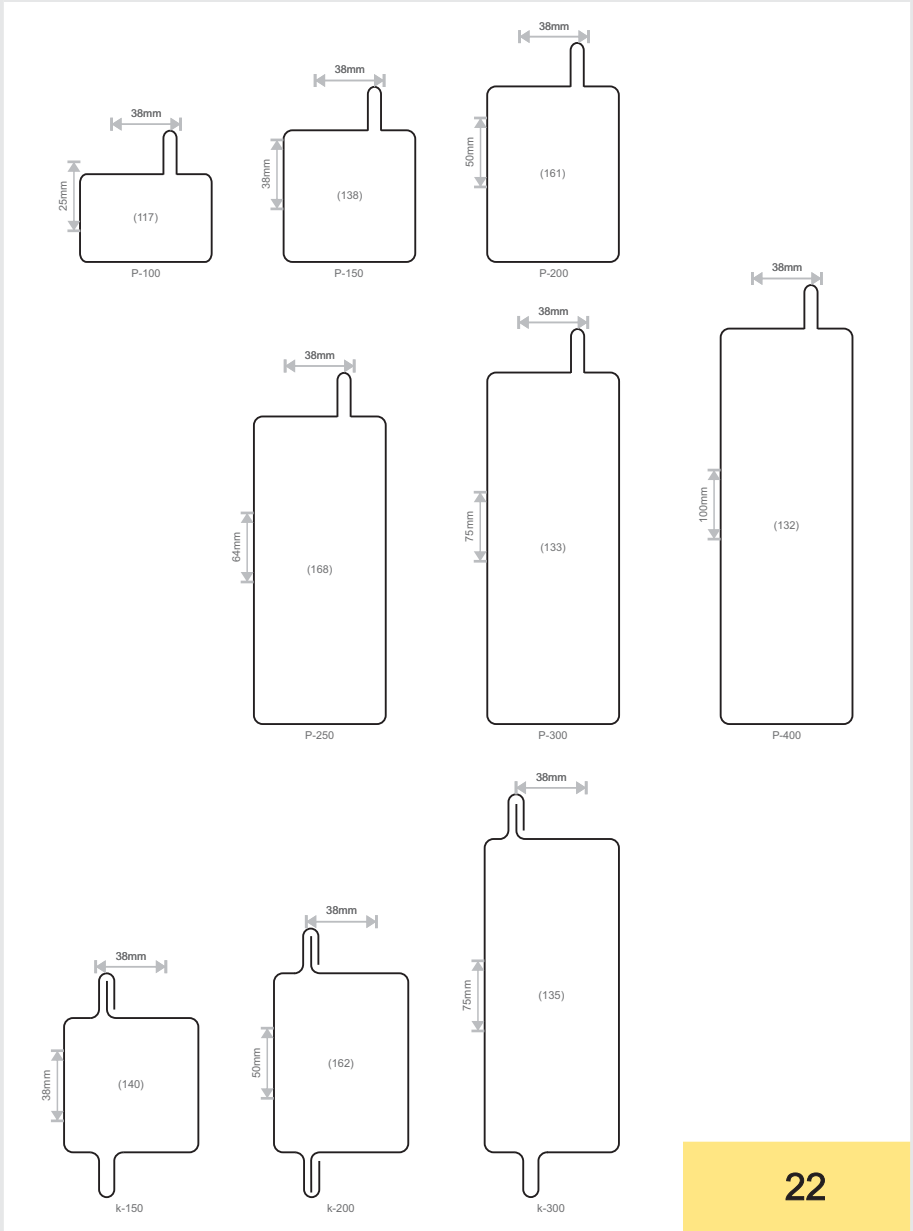
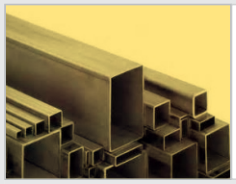
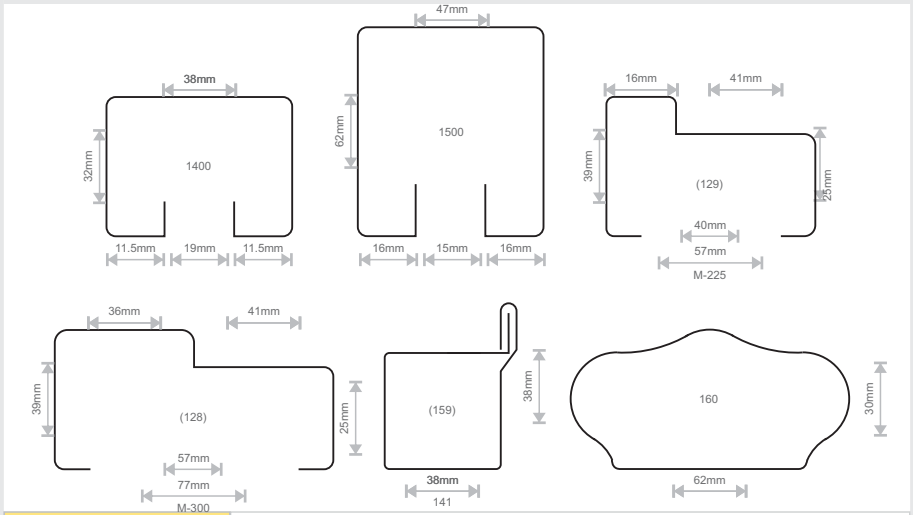
Perfil tubular (puerta)

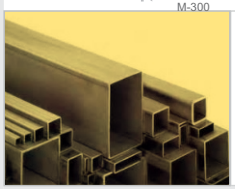




EL FARO DEL BAJÍO
COMERCIALIZADORA

Perfil tubular (puerta)





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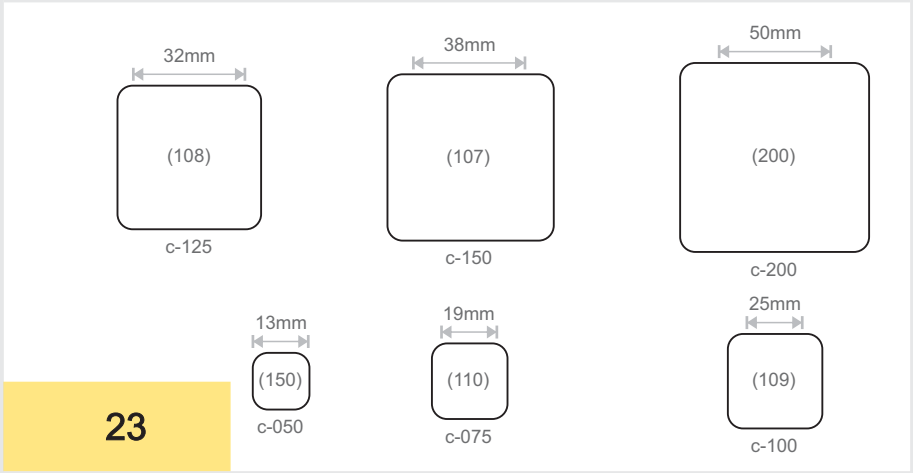
Perfil tubular (cuadrado) Tubulares



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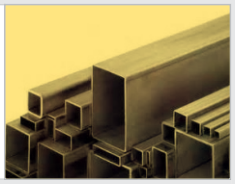
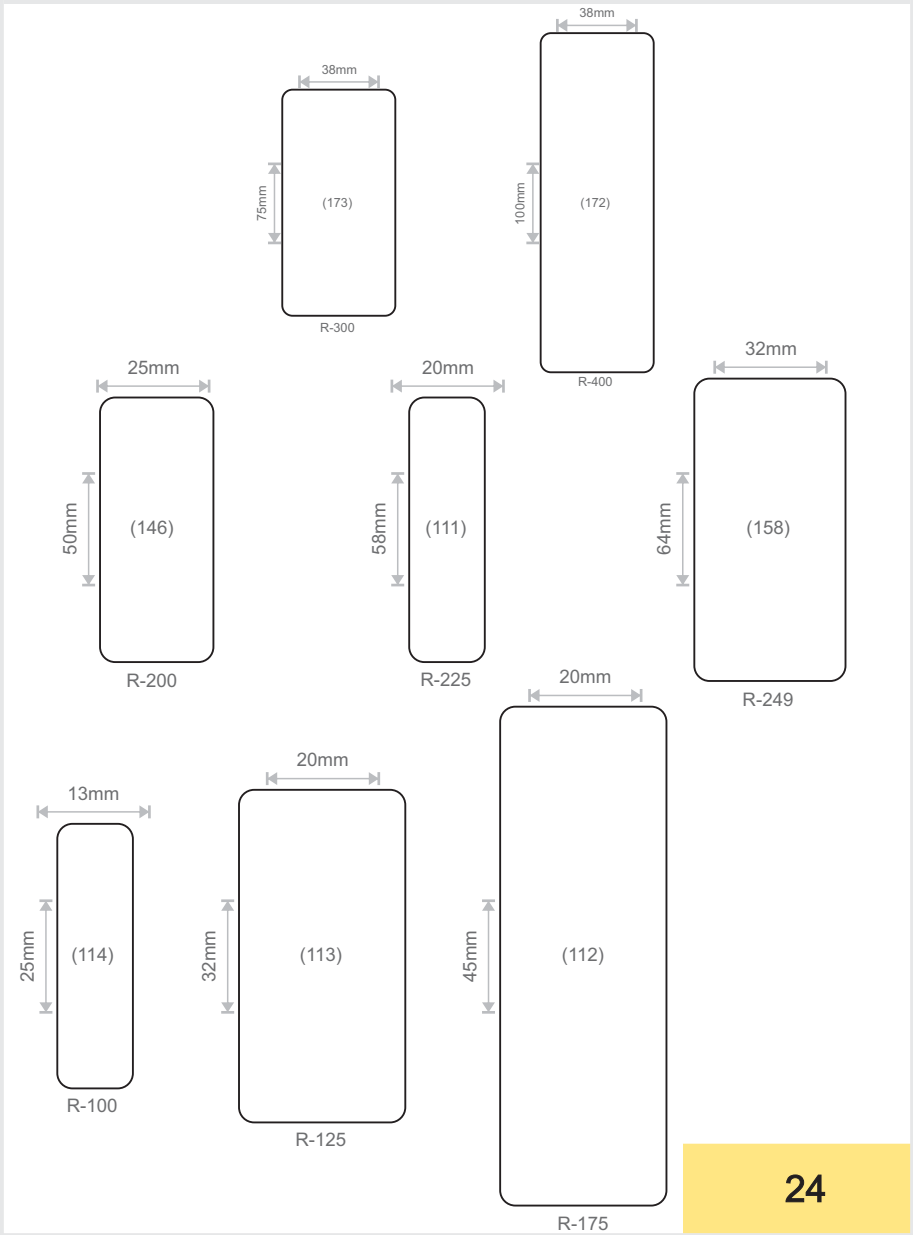
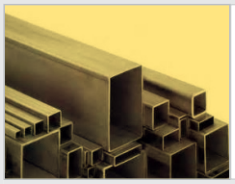


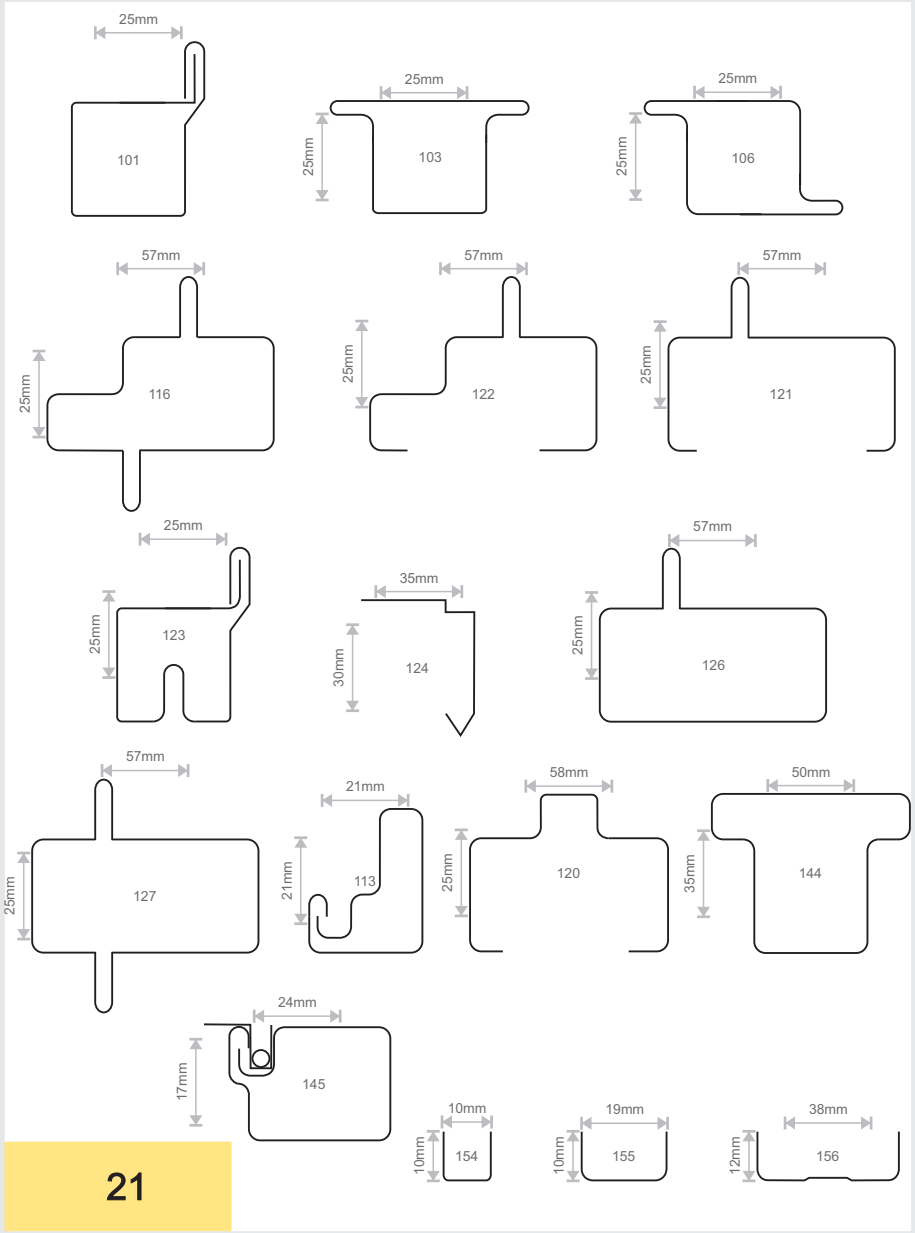
Perfil tubular (rectangular)



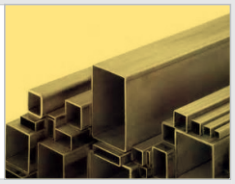


EL FARO DEL BAJÍO
COMERCIALIZADORA

Perfil tubular (ventana)

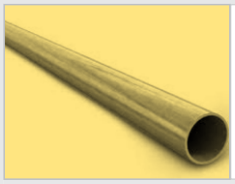


EL FARO DEL BAJÍO
COMERCIALIZADORA



Perfil tubular

No.	No.	Calibre	Kgxm	Kg x Pza
		Cuadrado		
107	C-150	14	2.26	13.56
“	“	16	1.81	10.86
“	“	18	1.46	8.76
“	“	20	1.10	6.60
108	C-125	14	1.90	11.40
“	“	18	1.21	7.26
“	“	20	0.91	5.46
109	C-100	14	1.50	9.00
“	“	16	1.20	7.20
“	“	18	0.95	5.70
“	“	20	0.72	4.32
110	C-075	18	0.70	4.20
“	“	20	0.54	3.24
150	C-050	18	0.47	2.82
“	“	20	0.35	2.10
200	C-200	12	4.14	24.84
“	“	14	3.00	18.03
“	“	16	2.40	14.43
“	“	18	1.94	11.64
		Rectangular		
No.	No.	Calibre	Kgxm	Kg x Pza
111	R-225	18	1.46	8.76
“	“	20	1.10	6.60
112	R-175	18	1.21	7.26
“	“	20	0.91	5.46
113	R-125	18	0.95	5.70
“	“	20	0.72	4.32
114	R-100	18	0.70	4.20
146	R-200	14	2.30	13.80
“	“	18	1.46	8.76
“	“	20	1.10	6.60
158	R-249	18	1.83	10.98
“	“	20	1.38	8.28
172	R-400	14	4.10	24.6
“	“	18	2.65	15.9
“	“	20	1.99	11.94
173	R-300	14	3.40	20.40
“	“	18	2.16	12.96
“	“	20	1.62	9.72
		Otros		
No.	No.	Calibre	Kgxm	Kg x Pza
119	-	18	1.91	11.46
“	-	20	1.45	8.70
250	-	12	5.16	30.96



EL FARO DEL BAJÍO
COMERCIALIZADORA

Tubería industrial

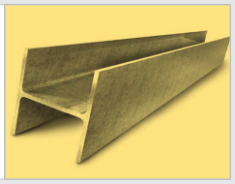
Tabla de pesos teóricos

Diám. Exterior Pulg.	Diám. Exterior Mm.	Calibre	Kilos por metro	Kilos por pieza
1/2	12.7	18	0.4	2.4
		20	0.3	1.8
5/8	15.9	16	0.6	3.6
		18	0.5	3.0
		20	0.4	2.4
3/4	19.0	16	0.7	4.2
		18	0.6	3.6
		20	0.4	2.4
7/8	22.7	16	0.9	5.4
		18	0.7	4.2
		20	0.5	3.0
1	25.4	14	1.2	7.2
		16	1.0	5.7
		18	0.8	4.8
		20	0.6	3.6
1 1/4	31.8	14	1.5	9.0
		16	1.2	7.2
		18	1.0	6.0
		20	0.7	4.4
1 1/2	38.1	14	1.8	10.8
		16	1.5	9.0
		18	1.2	7.2
		20	0.9	5.4
1 3/4	44.5	14	2.1	12.6
		16	1.7	10.2
		18	1.4	8.4
		20	1.0	6.0
2	50.8	14	2.4	14.4
		16	1.9	11.6
		18	1.6	9.6
		20	1.2	7.2
2 1/2	63.5	14	3.1	18.6
		16	2.4	14.4
		18	1.9	11.6
		20	1.5	8.8
3	76.2	14	3.7	22.2
		16	2.9	17.4
		18	2.3	13.8

Tubería negra

Diám. Nominal Pulg.	Diám. Nominal Mm.	Diám. Exterior Pulg.	Diám. Exterior Mm.	Espesor Fracc. Pulg.	Espesor Pulg.	Espesor Mm.
8	203	8.625	219.4	1/4	0.250	6.40
				19/59	0.322	8.20
10	254	10.75	273.1	1/4	0.250	6.40
				11/32	0.344	8.70
				23/63	0.365	9.30
				1/2	0.500	12.70
12	304	12.75	323.9	1/4	0.250	6.40
				1/3	0.330	8.40
				3/8	0.375	9.50
				1/2	0.500	12.70
				13/32	0.406	10.31
14	355	14.00	355.6	1/4	0.250	6.40
				3/8	0.375	9.50
				4/9	0.438	11.13
				1/2	0.500	12.70
16	400	16.00	406.4	1/4	0.250	6.40
				5/16	0.312	7.92
				3/8	0.375	9.50
				1/2	0.500	12.70
16	400	16.00	406.4	1/4	0.250	6.40
				5/16	0.312	7.92
				3/8	0.375	9.50
				1/2	0.500	12.70

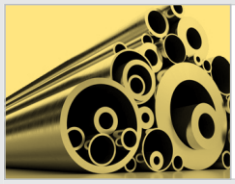
EL FARO DEL BAJÍO
COMERCIALIZADORA



IPR

Tabla de pesos teóricos

Medida	Peso lb/ft	Peso kg/m	Área A in2	Peralte d in	Patín b in	Patín tf in	Alma tw in
W6 (6X4)	8.5	12.6	2.49	5.98	3.94	0.18	0.18
“	9	13.39	2.68	5.90	3.94	0.215	0.170
“	12	17.86	3.55	6.03	4.00	0.280	0.230
“	16	23.81	4.74	6.28	4.03	0.405	0.260
W6 (6x6)	15	22.35	4.43	5.99	5.99	0.260	0.230
“	20	29.80	6.06	6.18	6.02	0.370	0.260
“	25	37.20	7.61	6.38	6.06	0.460	0.320
W8 (8x4)	10	14.88	2.96	7.89	3.94	0.205	0.170
“	13	19.34	3.84	7.99	4.00	0.255	0.230
“	15	22.32	4.44	8.11	4.02	0.315	0.245
W8 (8X5 1/4)	18	26.78	5.26	8.14	5.25	0.330	0.230
“	21	31.25	6.16	8.28	5.27	0.400	0.250
W8 (8X6 1/2)	24	35.72	7.08	7.93	6.50	0.400	0.250
W8 (8X8)	31	46.19	9.13	8.00	7.99	0.435	0.285
“	35	52.20	10.30	8.12	8.02	0.495	0.310
“	40	59.58	11.70	8.25	8.07	0.560	0.360
“	48	71.40	14.59	8.50	8.11	0.690	0.400
“	58	86.30	17.79	8.74	8.23	0.810	0.510
“	67	99.79	19.70	9.00	8.28	0.570	0.570
W10 (10x4)	12	17.86	3.52	9.87	3.96	0.210	0.190
“	15	22.32	4.41	9.99	4.00	0.270	0.230
“	17	25.30	4.99	10.11	4.01	0.330	0.240
“	19	28.27	5.62	10.24	4.02	0.395	0.250
W10 (10x5 3/4)	22	32.74	6.49	10.17	5.75	0.360	0.240
“	26	38.69	7.61	10.33	5.77	0.440	0.260
“	30	44.64	8.84	10.47	5.81	0.510	0.300
W10 (10x8)	33	49.10	9.71	9.73	7.96	0.435	0.290
“	39	58.10	11.50	9.92	7.99	0.530	0.315
“	45	67.02	13.30	10.10	8.02	0.620	0.350
W10 (10x10)	49	73.00	14.40	9.98	10.00	0.560	0.340
“	54	80.50	15.80	10.09	10.03	0.615	0.370
“	60	89.30	18.00	10.24	10.08	0.680	0.420
W12 (12x4)	14	20.83	4.16	11.91	3.97	0.225	0.200
“	16	23.81	4.71	11.99	3.99	0.265	0.220
“	19	28.27	5.57	12.16	4.01	0.350	0.235
“	22	32.74	6.48	12.31	4.03	0.425	0.260
W12 (12x8)	40	59.52	11.80	11.94	8.01	0.515	0.295
“	45	66.96	13.20	12.06	8.05	0.575	0.335
“	50	74.40	14.70	12.19	8.08	0.640	0.370
W12 (12x10)	53	79.00	15.60	12.06	10.00	0.575	0.345
“	58	86.39	17.00	12.19	10.01	0.640	0.360
“	65	96.85	19.10	12.12	12.00	0.605	0.390
“	72	107.00	21.41	12.24	12.05	0.670	0.430
W12 (12x12)	65	96.85	19.10	12.12	12.00	0.605	0.390
“	72	107.10	21.41	12.24	12.05	0.670	0.430
“	79	118.00	23.70	12.36	12.09	0.740	0.470
“	87	129.00	26.16	12.52	12.13	0.810	0.520
“	96	143.00	28.90	12.72	12.17	0.900	0.550

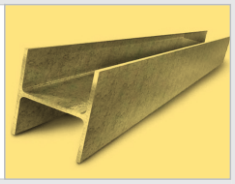


EL FARO DEL BAJÍO
COMERCIALIZADORA

Tubería de conducción (Ced., 40, 80, N. X.)

Diámetro nominal		Diámetro exterior		Espesor		CED. No.
Pul.	Mm.	Pulg.	Mm.	Pulg.	Mm.	
1/2	13	0.840	21.3	0.090	2.29	x
				0.109	2.77	40
				0.147	3.73	80
3/4	19	1.050	26.7	0.113	2.87	40
				0.154	3.91	80
1	25	1.315	33.4	0.133	3.38	40
				0.179	4.55	80
1 1/4	32	1.660	42.2	0.140	3.56	40
				0.191	4.85	80
1 1/2	38	1.900	48.3	0.145	3.68	40
				0.200	5.08	80
2	51	2.375	60.3	0.154	3.91	40
				0.218	5.54	80
2 1/2	64	2.875	73.0	0.160	4.06	x
				0.203	5.16	40
3	76	3.500	88.9	0.170	4.32	x
				0.216	5.49	40
4	102	4.500	114.3	0.185	4.70	x
				0.237	6.02	40
6	152	6.625	168.3	0.188	478	30
				0.250	6.35	--
				0.280	7.11	40

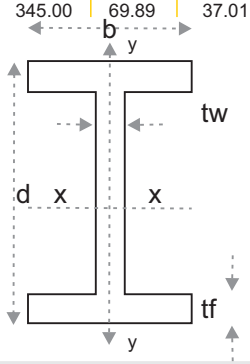
EL FARO DEL BAJÍO
COMERCIALIZADORA

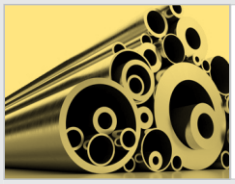


IPR

Tabla de pesos teóricos

Medida	Peso		Área	Peralte	Patín		Alma
	lb/ft	kg/m	A in2	d in	b in	tf in	tw in
W21 (21x8 1/4)	62	92.70	18.30	20.99	8.24	0.620	0.400
“	68	101.30	20.00	21.13	8.27	0.690	0.430
“	73	108.73	21.50	21.24	8.30	0.740	0.455
“	83	123.62	24.30	21.43	8.36	0.835	0.515
“	93	138.00	28.26	21.61	8.46	0.930	0.580
W21 (21x12 1/4)	101	150.44	29.80	21.36	12.29	0.800	0.500
“	111	165.33	32.70	21.51	12.34	0.875	0.550
W21 (21x12 1/2)	122	182.00	36.82	21.69	12.40	0.960	0.600
“	132	196.00	40.05	21.81	12.44	1.040	0.650
“	147	218.96	43.20	22.06	12.51	1.150	0.720
W24 (24x7)	55	81.93	16.20	23.57	7.01	0.505	0.395
“	62	92.00	18.20	23.74	7.04	0.590	0.430
W24 (24x9)	68	101.20	20.10	23.73	8.97	0.590	0.420
“	76	113.40	22.40	23.92	8.99	0.680	0.440
“	84	125.12	24.70	24.10	9.02	0.770	0.470
“	94	139.92	27.70	24.31	9.07	0.880	0.520
“	103	153.00	31.17	24.53	9.02	0.980	0.550
W24 (24x13)	104	154.90	30.60	24.06	12.75	0.750	0.500
“	117	174.00	34.4	24.25	12.80	0.850	0.550
“	131	195.12	38.50	24.48	12.86	0.960	0.605
“	146	217.46	43.00	24.74	12.90	1.090	0.650
“	162	241.29	47.70	25.00	12.96	1.220	0.705
W27 (27x10)	84	125.60	24.80	26.71	9.96	0.640	0.460
“	94	140.01	27.70	26.92	9.99	0.745	0.490
W30 (30x10 1/2)	99	147	29.39	29.65	10.43	0.670	0.520
“	108	161	32.02	29.84	10.47	0.760	0.540
“	116	173	34.20	30.01	10.50	0.850	0.565
“	132	196	39.58	30.31	10.55	1.000	0.610
“	148	220	44.64	30.67	10.47	1.180	0.650
W33 (33x11 1/2)	118	175.7	35.09	32.87	11.50	0.740	0.550
“	130	193.64	38.30	33.09	11.51	0.855	0.580
“	141	210.02	41.60	33.30	11.54	0.960	0.605
“	152	226.40	44.70	33.49	11.57	1.055	0.635
W33 (33x16)	241	358.97	70.90	34.18	15.86	1.400	0.830
“	135	201.08	39.70	35.55	11.95	0.790	0.600
“	150	223.43	44.20	35.85	11.98	0.940	0.625
W36 (36x12)	170	253.22	50.00	36.17	12.03	1.100	0.680
“	194	289.00	58.30	36.50	12.13	1.260	0.760
“	232	345.00	69.89	37.01	12.24	1.540	0.870





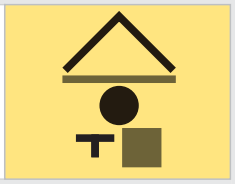
EL FARO DEL BAJÍO
COMERCIALIZADORA

Tubería mecánica (TMT)

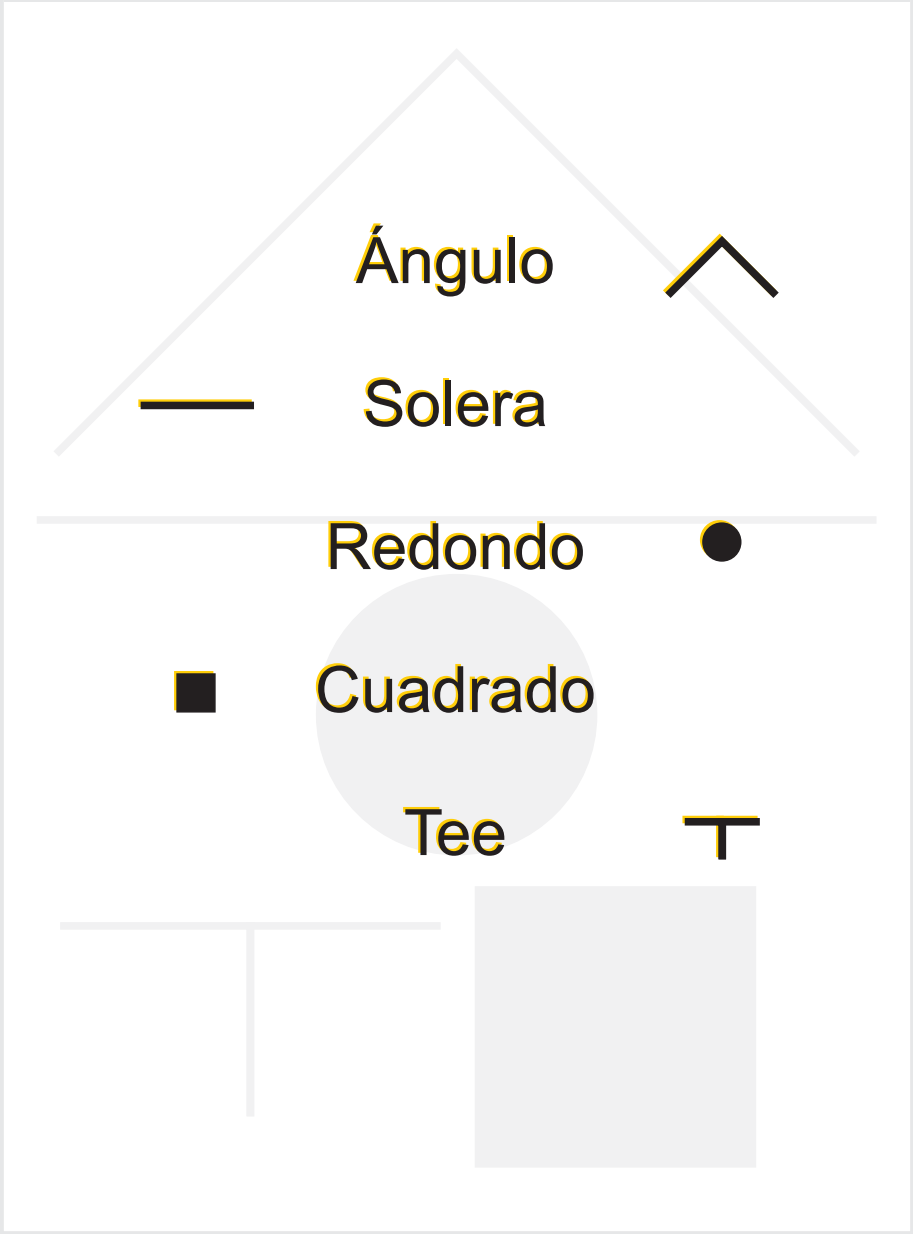
Tabla de pesos teóricos

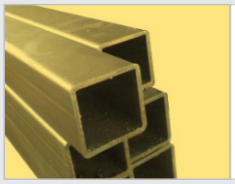
Diám. Nominal Pulg.	Diám. Nominal Mm.	Diám. Exterior Pulg.	Diám. Exterior Mm.	Espesor de la pared Pulg.	Espesor de la pared Mm.	Peso teórico Kg./M.	Peso teórico Kg./6m.
1/2	13	0.840	21.33	0.075	1.91	0.91	5.46
3/4	19	1.050	26.70	0.075	1.91	1.16	6.96
1	25	1.315	33.40	0.075	1.91	1.48	8.88
1 1/4	32	1.660	42.20	0.090	2.29	2.25	13.50
1 1/2	38	1.900	48.26	0.090	2.29	2.59	15.54
2	51	2.375	60.32	0.105	2.70	3.95	23.97
2 1/2	64	2.875	73.03	0.105	2.70	4.79	29.22
3	76	3.500	88.90	0.125	3.18	6.71	40.26
4	102	4.500	114.30	0.125	3.18	8.69	52.14

EL FARO DEL BAJÍO
COMERCIALIZADORA



Perfiles comerciales





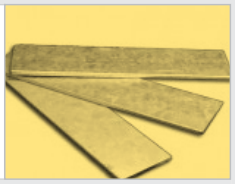
EL FARO DEL BAJÍO
COMERCIALIZADORA

PTR

Tabla de pesos teóricos

Dimensiones exteriores DXB	Espesor Pulg.	Espesor mm.	Cal.	Peso P Km/m	Area A cm2	Momento de inercia I Eje xx cm4	Momento de inercia I Eje yy cm4	Momento de sección S Eje xx cm3	Momento de sección S Eje yy cm3	Radio de giro r Eje xx cm	Radio de giro r Eje yy cm
1x1	0.075	1.9	14	1.46	1.52	1.42	1.42	1.12	1.12	0.96	0.96
	0.105	2.7	12	1.97	2.07	1.75	1.75	1.38	1.38	0.92	0.92
	0.135	3.4	10	2.13	2.68	2.01	2.01	1.58	1.58	0.87	0.87
1 1/4 x 1 1/4	0.075	1.9	14	1.85	1.94	2.91	2.91	1.83	1.83	1.22	1.22
	0.105	2.7	12	2.52	2.44	3.55	3.55	2.23	2.23	1.20	1.20
	0.120	3	11	2.56	3.07	4.22	4.22	2.66	2.66	1.17	1.17
1 1/2 x 1 1/2	0.075	1.9	14	2.24	2.36	5.20	5.20	2.73	2.73	1.48	1.48
	0.105	2.7	12	3.07	3.74	7.56	7.56	3.96	3.96	1.42	1.42
	0.120	3	11	3.16	4.17	8.21	8.21	4.3	4.3	1.40	1.40
	0.148	3.8	9	3.86	4.95	9.24	9.24	4.85	4.85	1.36	1.36
1 3/4 x 1 3/4	0.075	1.9	14	2.64	2.78	8.45	8.45	3.80	3.80	1.74	1.74
2 x 2	0.075	1.9	14	3.03	3.20	12.84	12.84	5.05	5.05	2.00	2.00
	0.105	2.7	12	4.17	5.11	19.04	19.04	7.49	7.49	1.93	1.93
	0.120	3	11	4.38	5.79	21.4	21.4	8.42	8.42	1.92	1.92
	0.148	3.8	9	5.41	6.97	24.7	24.7	9.72	9.72	1.88	1.88
2 1/2 x 2 1/2	0.075	1.9	14	3.82	4.04	25.68	25.68	8.08	8.08	2.51	2.51
	0.120	3	11	5.59	7.40	44.07	44.07	13.88	13.88	2.44	2.44
	0.148	3.8	9	6.47	8.26	48.3	48.3	15.2	15.2	2.42	2.42
	0.179	4.5	7	8.32	10.6	59.1	59.1	18.7	18.7	2.36	2.36
3 x 3	0.075	1.9	14	4.61	4.88	45.07	45.07	11.83	11.83	3.03	3.03
	0.120	3	11	6.81	9.01	78.93	78.93	20.71	20.71	2.95	2.95
	0.148	3.8	9	8.26	11	93.7	93.7	24.6	24.6	2.92	2.92
	0.179	4.5	7	10.20	13.00	108.00	108.00	28.30	28.30	2.90	2.90
3 1/2 x 3 1/2	0.075	1.9	14	3.82	4.04	33.44	17.93	8.77	7.06	2.87	2.1
	0.120	3	11	8.02	10.62	128.53	128.53	28.91	28.91	3.47	3.47
	0.148	3.80	9	9.75	13	154	154	34.6	34.6	3.45	3.45
	0.179	4.5	7	12.1	15.4	179	179	40.1	40.1	3.4	3.4
	0.250	6.4	1/4	15.6	19.9	220	220	49.5	49.5	3.33	3.33
3 x 2	0.75	1.9	14	3.82	4.04	33.44	17.93	8.77	7.06	2.87	2.1
	0.120	3	11	5.59	7.4	57.41	30.53	15.07	12.02	2.78	2.3
	0.135	3.4	10	6.22	8.26	63.3	33.4	16.6	13.2	2.77	2.01
	0.179	4.5	7	8.32	10.6	77.4	40.7	20.3	16.00	2.69	1.96
4 x 2	0.075	1.9	14	4.61	4.88	67.07	23.01	13.2	9.06	3.70	2.17
	0.120	3	11	6.81	9.01	117.34	39.69	23.09	15.62	3.6	2.09
	0.148	3.8	9	8.62	11	139	46.6	27.5	18.4	3.56	2.07
	0.179	4.5	7	10.2	13	161	53.7	31.8	21.1	3.51	2.03

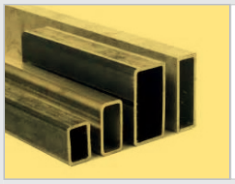
EL FARO DEL BAJÍO
COMERCIALIZADORA



Solera

Tabla de pesos teóricos

Medidas Pulgadas		Medidas Milímetros		kg/m
1/8	x1/2	3.2	x12.7	0.317
“	x3/4	“	x19.1	0.474
“	x1	“	x25.4	0.633
“	x1 1/4	“	x31.7	0.791
“	x1 1/2	“	x38.1	0.95
“	x2	“	x50.8	1.26
3/16	x1/2	4.8	x12.7	0.474
“	x3/4	“	x19.1	0.712
“	x1	“	x25.4	0.95
“	x1 1/4	“	x31.7	1.187
“	x1 1/2	“	x38.1	1.424
“	x2	“	x50.8	1.899
“	x2 1/2	“	x63.5	2.373
1/4	x1/2	6.3	x12.7	0.633
“	x3/4	“	x19.1	0.95
“	x1	“	x25.4	1.266
“	x1 1/4	“	x31.7	1.187
“	x1 1/2	“	x38.1	1.424
“	x2	“	x50.8	2.532
“	x2 1/2	“	x63.5	3.165
“	x3	“	x76.2	3.796
“	x4	“	x101.6	5.064
“	x5	“	x127.0	6.33
“	x6	“	x152.4	7.592
“	x8	“	x203.2	10.12
5/16	x1 1/4	7.9	x31.7	1.973
“	x1 1/2	“	x38.1	2.37
“	x2	“	x50.8	3.170
“	x2 1/2	“	x63.5	3.960
“	x3	“	x76.2	4.750
“	x4	“	x101.6	6.320
“	x6	“	x152.4	9.500
3/8	x1	9.5	x25.4	1.899
“	x1 1/4	“	x31.7	2.376
“	x1 1/2	“	x38.1	2.849
“	x2	“	x50.8	3.798
“	x2 1/2	“	x63.5	4.748
“	x3	“	x76.2	4.750
“	x4	“	x101.6	7.597
“	x6	“	x152.4	11.396
“	x8	“	x203.2	15.194
1/2	x1 1/2	12.7	x38.1	3.798
“	x2	“	x50.8	5.064
“	x2 1/2	“	x63.5	6.331
“	x3	“	x76.2	7.597
“	x4	“	x101.6	10.129
“	x5	“	x127.0	12.660
“	x6	“	x152.4	15.194
“	x8	“	x203.2	20.250
“	x10	“	x254.0	25.32
5/8	x1 1/2	15.9	x38.1	4.748
“	x2	“	x50.8	63.31
“	x2 1/2	“	x63.5	7.913
“	x3	“	x76.2	9.496
“	x4	“	x101.6	11.395
“	x5	“	x127.0	15.194
“	x6	“	x152.4	22.790
“	x8	“	x203.0	25.322
3/4	2	19.1	x50.8	7.597
“	x2 1/2	“	x63.5	9.496
“	x3	“	x76.2	11.395
“	x4	“	x101.6	15.194
“	x5	“	x127.0	18.990
“	x6	“	x152.4	22.790
“	x8	“	x203.2	30.388
1	x2	25.4	x50.8	10.129
“	x3	“	x76.2	15.194
“	x4	“	x101.6	20.258
“	x6	“	x152.4	30.388
“	x8	“	x203.2	40.516



EL FARO DEL BAJÍO
COMERCIALIZADORA

HSS rectangular

Dimensiones y propiedades

Dimensiones nominales H in.	B in.	Espesor in.	Peso Kg/M.	Espesor real in.	b/t	h/t	Area cm2	I cm4	s cm3
5	3	1/4	18.3	0.179	9.90	18.5	21.70	445	70.1
		3/16	14.1	0.139	14.30	25.9	16.60	354	55.7
6	4	1/2	42.27	0.465	5.60	9.9	50.84	1411.02	185.17
		3/8	33.34	0.349	8.47	14.2	39.84	1177.02	154.37
		5/16	28.3	0.277	10.7	17.6	34.00	1030.00	136.00
8	3	1/4	23.22	0.233	14.2	22.8	27.68	865.76	113.73
		3/16	18.0	0.176	20.10	31.6	21.10	679	89.1
		1/4	26.00	0.233	9.90	31.4	30.70	1470.00	145.00
		3/16	28.3	0.277	10.7	17.6	34.00	1030.00	136.00
8	4	1/2	52.40	0.465	5.60	14.2	62.84	2984.38	293.33
		3/8	40.93	0.349	8.47	19.9	48.84	2439.12	240.89
		1/4	28.28	0.233	14.2	31.4	33.68	1768.98	173.70
8	6	1/2	62.52	0.465	9.90	14.2	74.84	4083.23	401.48
		3/8	48.53	0.349	14.2	19.9	57.87	3292.39	324.46
		1/4	33.34	0.233	22.8	31.4	39.68	2351.71	231.06
		3/16	25.60	0.251	31.6	43.2	87.10	1810.00	178.00
10	4	3/8	48.53	0.349	4.47	25.7	67.10	4328.81	340.85
		1/4	33.34	0.233	14.2	40.0	45.68	3100.92	244.17
10	6	1/2	72.79	0.465	9.90	18.5	98.71	7117.56	562.08
		3/8	56.12	0.349	14.2	25.7	76.13	5702.37	447.37
		1/4	38.40	0.233	22.8	40.0	51.68	4024.96	316.27
10	8	1/2	82.91	0.465	14.2	18.5	98.71	8907.35	699.73
		3/8	63.71	0.349	19.9	25.7	76.13	7034.31	553.88
		1/4	43.46	0.233	31.4	40.0	51.68	4953.15	390.01
12	6	1/2	82.91	0.465	9.90	22.8	110.97	11279.87	740.70
		3/8	63.71	0.349	14.2	31.4	85.16	8948.98	586.66
		1/4	43.46	0.233	22.8	48.6	57.68	6285.09	412.95
12	8	1/2	93.03	0.465	4.47	22.8	110.97	13860.51	909.48
		3/8	71.30	0.349	19.9	31.4	85.16	10905.26	716.11
		1/4	48.53	0.233	31.4	48.6	57.68	7617.04	501.44
14	6	1/2	93.03	0.465	9.90	27.1	110.97	16732.50	940.62
		3/8	71.30	0.349	14.2	37.1	85.16	13194.54	740.70
		1/4	48.53	0.233	22.8	57.2	57.68	9240.34	519.47
16	8	1/2	113.28	0.465	14.2	31.4	134.84	28262.11	1391.26
		3/8	86.48	0.349	19.9	42.9	102.58	22060.27	1086.46
		1/4	58.65	0.233	31.4	65.8	69.68	15317.32	753.80

EL FARO DEL BAJÍO
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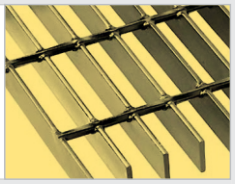

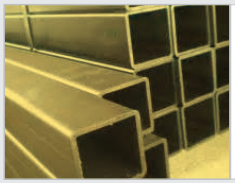

EL FARO DEL BAJÍO
COMERCIALIZADORA

HSS cuadrado

Dimensiones y propiedades

Dimensiones y propiedades H in.	B in.	Espesor in.	Peso Kg/M.	Espesor real in	b/t	h/t	Area cm2
4	4	1/2	32.20	0.465	5.60	5.60	38.84
		3/8	25.71	0.349	8.47	8.47	30.84
		5/16	22.07	0.291	10.8	10.8	26.39
		1/4	18.17	0.233	14.2	14.2	21.68
5	5	1/2	42.32	0.465	7.75	7.75	50.84
		3/8	33.30	0.349	11.3	11.3	39.87
		5/16	28.40	0.291	14.2	14.2	33.94
		1/4	23.25	0.233	18.5	18.5	27.68
		3/16	18.00	0.176	25.9	25.9	21.10
6	6	5/8	62.96	0581	7.32	7.32	75.48
		3/8	40.90	0.349	14.2	14.2	48.84
		1/2	52.46	0.465	9.90	9.90	62.84
		5/16	34.74	0.291	17.6	17.6	41.42
		1/4	28.31	0.233	22.8	22.8	33.68
		3/16	21.80	0.214	31.6	31.6	25.50
8	8	5/8	88.30	0.581	10.8	10.8	105.81
		1/2	72.71	0.465	14.2	14.2	87.10
		3/8	56.10	0.349	19.9	19.9	67.10
		5/16	47.39	0.291	24.5	24.5	56.39
		1/4	38.43	0.233	31.4	31.4	45.68
		3/16	29.40	0.214	43.2	43.2	34.50
10	10	5/8	113.62	0.581	14.2	14.2	135.48
		1/2	92.97	0.465	18.5	18.5	110.97
		3/8	71.30	0.349	25.7	25.7	85.16
		5/16	60.06	0.291	31.4	31.4	71.61
		1/4	48.57	0.233	40.0	40.0	57.68
		3/16	37.10	0.214	54.7	54.7	43.40
12	12	5/8	138.94	0.581	17.6	17.6	165.81
		1/2	113.23	0.465	22.8	22.8	134.84
		3/8	86.48	0.349	31.4	31.4	102.58
		5/16	72.73	0.291	38.3	38.3	86.45
		1/4	58.69	0.233	48.6	48.6	69.68
14	14	5/8	164.23	0.581	21.10	21.10	196.00
		1/2	133.50	0.465	27.1	27.1	159.00
		3/8	101.40	0.995	37.0	37.0	121.00
		5/16	85.00	0.833	45.1	45.1	102.00
16	16	1/2	153.70	0.465	31.4	31.4	183.00
		3/8	116.60	0.349	42.7	42.7	139.00
		5/16	97.60	0.291	51.9	51.9	117.00

EL FARO DEL BAJÍO
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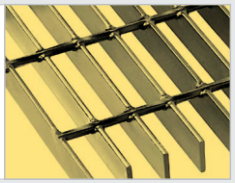

Rejilla electroforjada (tráfico pesado)

Tipo de solera	Tabla informativa para tipo W19-50, W19-100 250kg/cm2 (Pulg)(mm)	200kg/cm2 (Pulg)(mm)	150kg/cm2 (Pulg)(mm)	Tráfico de auto (Pulg)(mm)	5Ton. Montacargas (Pulg)(mm)	3Ton. Montacargas (Pulg)(mm)	1Ton. Montacargas (Pulg)(mm)
1 x 1/4	12 304	10 254	9 228	12 304	7 117	6 152	7 177
1 x 3/8	14 355	13 330	11 279	16 406	9 228	8 203	9 228
1 1/4x1/4	15 381	13 330	12 304	17 431	9 228	8 203	10 254
1 1/4x3/8	18 457	16 406	14 355	23 584	12 304	10 254	14 355
1 1/2x1/4	18 457	16 406	14 355	23 584	11 279	10 254	13 330
1 1/2x3/8	22 558	20 508	18 457	30 762	14 355	13 330	19 482
1 3/4x1/4	21 533	19 482	17 431	29 736	14 355	12 304	17 431
1 3/4x3/8	26 660	23 584	21 533	38 965	18 457	17 431	25 635
2 x 1/4	24 609	22 558	20 508	37 939	16 406	15 381	22 558
2 x 3/8	30 762	28 711	26 660	46 1168	22 558	21 533	33 838
2 1/4x1/4	27 685	25 635	23 584	45 1143	19 482	18 457	28 711
2 1/4x3/8	34 863	32 812	31 787	53 1346	26 660	26 660	41 1041
2 1/2x1/4	30 762	28 711	27 685	52 1320	22 558	22 558	34 863
2 1/2x3/8	40 1016	38 965	36 914	59 4198	31 787	31 787	50 1270
3 x 1/4	39 990	37 939	35 889	62 1574	30 762	30 762	49 1244
3 x 3/8	52 1320	50 1270	49 1244	71 1803	43 1092	44 1117	61 1549
3 1/2x1/4	48 1219	46 1168	45 1143	72 1828	39 990	40 1016	62 1574
3 1/2x3/8	60 1524	60 1524	60 1524	83 2108	56 1422	58 1473	71 1803
4 x 1/4	59 1498	58 1473	57 1447	83 2108	50 1270	51 1295	71 1803
4 x 3/8	68 1727	68 1727	69 1752	95 2413	66 1676	68 1727	81 2057
4 1/2x1/4	69 1752	69 1752	70 1778	96 2438	61 1549	64 1625	82 2082
4 1/2x3/8	71 1803	71 1803	72 1828	96 2438	69 1752	71 1803	84 2133
5 x 1/4	75 1905	75 1905	75 1905	96 2438	72 1828	74 1879	89 2260
5 x 3/8	85 2159	85 2159	86 2184	96 2438	83 2108	84 2159	96 2438

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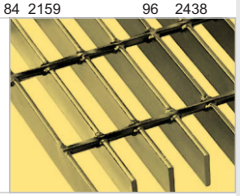

Rejilla electroforjada (Cercas y arquitectónico)

Norma

Galvanizado: ASTM123

Acabado

Natural, pintado, galvanizado

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Tubulares?

...variedad en longitud, diámetro, calibre

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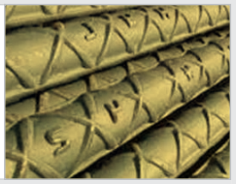


Varilla corrugada R-42 Y R-600

Tabla de áreas perímetro y pesos teóricos

No.	Diámetro nominal Mm.	Diámetro nominal Pulgadas	Área en cm2	Perímetro en cm	Kg x Ml	Pza. x Ton (Aprox)
**-	--	5/32	0.12	--	0.100	1666
**-	--	3/16	0.18	--	0.133	1253
**-	--	1/4	0.32	--	0.250	667
**-	--	5/16	0.49	--	0.384	434
*2.5	7.9	5/16	0.49	2.48	0.384	217
*3	9.5	3/8	0.71	2.68	0.557	150
*4	12.7	1/2	1.27	3.99	0.996	84
*5	15.9	5/8	1.99	5.00	1.580	53
*6	19.1	3/4	2.87	6.00	2.250	37
*8	25.4	1	5.07	7.98	3.975	21
*10	31.8	1 1/4	7.94	9.99	6.225	13
*12	38.1	1 1/2	11.4	11.97	8.938	9

** = R-6000
* = R-42

Propiedades mecánicas de tensión (R-42)

Resistencia a la tensión (mínimo)	6,300 kg/cm2
Resistencia a la fluencia (mínimo)	4,200 kg/cm2

Alargamiento mínimo en 200 mm:

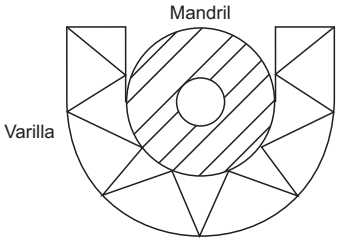
Varilla número:	
3/8, 1/2, 5/8, 3/4	9%
1	8%
1 1/4, 1 1/2	7%

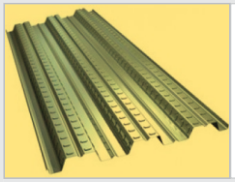
Propiedades mecánicas de doblado (R-42)

Varilla	Doblada a 180º
3/8, 1/2, 5/8	3.5 d
3/4, 1	5.0 d
1 1/4	7.0 d
1 1/2	8.0 d

d = Diametro nominal de la probeta

A temperatura ambiental (16º C. mínimo) bajo las siguientes condiciones:
- Haciendo usos del mandril adecuado
- Aplicando una fuerza continua y uniforme
- Manteniendo unido el producto y mandril durante el doblado





Losacero

Concreto normal,
F´ CO=2200 Kg/CM2, P. VOL. 2400Kg/M3: N=10

Tabla de pesos teóricos

Calibre	Esp. Acero base Mm.	Esp. Acero base Pulg.	Peso Kg/Ml.	Peso Kg/M2	Compresión superior M+ Ixe + Cm4/M.	Compresión superior M+ Sxe + Cm3/M.	Compresión superior M+ Maxo + Kg-M.	Compresión inferior M- Ixe - Cm4/M.	Compresión inferior M- Sxe - Cm3/M.	Compresión inferior M- Maxo - Kg-M.	Comtante Adm. Vay (Kg/Mto. Ancho)	Ancho efectivo
24	0.607	0.0239	5.73	6.04	51.07	13.01	203	51.07	13.75	214	1397	0.93
22	0.759	0.0299	7.6	8.31	67.48	18.01	281	67.03	18.82	293	2206	0.93
20	0.912	0.0359	9.06	9.9	83.46	23.14	361	83.46	24.08	375	3181	0.93
18	1.214	0.0478	11.96	13.07	111.32	32.76	511	111.32	34.13	532	4213	0.93

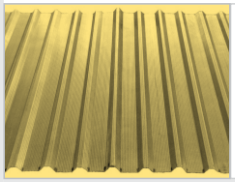
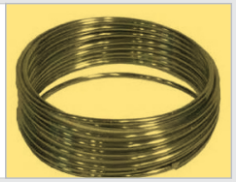


Lámina acanalada

Calibre Esp. de diseño PLG	Esp. de concreto Cm.	Peso propio Kg./M2	Claro máximo sin apuntalar Simple M.	Doble M.	Triple M.
24 0.0239	5	195	1.77	2.38	2.41
	6	218	1.7	2.29	2.32
	8	264	1.59	2.15	2.17
	10	310	1.5	2.03	2.05
	12	356	1.42	1.93	1.95
22 0.0299	5	205	2.08	2.68	2.77
	6	229	2.00	2.58	2.66
	8	277	1.86	2.40	2.48
	10	325	1.80	2.26	2.33
	12	373	1.78	2.13	2.20
20 0.0359	5	206	2.42	3.05	3.15
	6	230	2.32	2.93	3.03
	8	278	2.16	2.74	2.83
	10	326	2.09	2.57	2.66
	12	374	2.06	2.44	2.52
18 0.0478	5	209	2.97	3.62	3.74
	6	233	2.85	3.48	3.60
	8	281	2.63	3.25	3.36
	10	329	2.56	3.06	3.16
	12	377	2.51	2.90	3.00



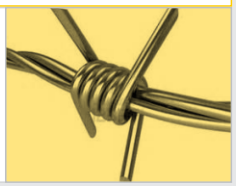
Alambrón

Tabla de pesos teóricos

Fracción	Pulgadas	Milímetros	Kg/m
1/4	0.25	6.35	0.249

Alambre recocido cal. 16

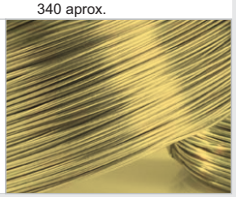
Rollos de 60 a 70 Kg., x Pza.



Alambre de púas

Tabla de pesos teóricos

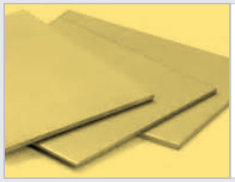
Producto	Calibre alambre central	Calibre púas	No. Púas	Separación entre puntas Pulg.	Longitud de rollo Mts.
Alta resistencia	15.5	16.5	4	5	360
Púa 34	12.5	14	4	4	340 aprox.



Alambre de pulido

Características generales

Calibres	mm.	kg/m.
8	4.110.	0.1041
9	3.760	0.0870
10	3.430	0.0725
12	2.667	0.0439
14	2.032	0.0255
16	1.575	0.0153
18	1.194	0.0088



EL FARO DEL BAJÍO
COMERCIALIZADORA

Placa

Medidas		Tabla de pesos teóricos 3/16"	1/4"	5/6"	3/8"	1/2"	5/8"	3/4"
Pies	Metros	4.8mm.	6.4mm.	7.9mm.	9.5mm.	12.7mm.	15.9mm.	19.1mm.
3´x10´	.91x3.05	107	142	178	214	285	356	428
4´x10´	1.22x3.05	142	190	238	285	380	475	570
4´x20´	1.22x6.10	285	380	475	570	760	950	1140
5´x10´	1.52x3.05	178	237	296	355	473	592	710
5´x20´	1.52x6.10	355	473	592	710	947	11.84	1420
6´x20´	1.83x6.10	427	570	713	855	1140	1425	1710
8´x20´	2.44x6.10	570	760	950	1140	1520	1900	2280
10´x20´	3.04x6.10	712	947	1184	1420	1894	2367	2841
Kilos por m2		38.30	51.06	63.83	76.59	102.12	127.66	153.19
Kilos por pie2		3.56	4.74	5.93	7.11	9.48	11.85	14.23

Medidas		Tabla de pesos teóricos 7/8"	1"	1 1/8"	1 1/4"	1 1/2"	1 3/4"	2"
Pies	Metros	22.2mm.	25.4mm.	28.5mm.	31.7mm.	38.1mm.	44.5mm.	50.8mm.
3´x10´	.914x3.05	498	569	640	712	854	996	1138
4´x10´	1.22x3.05	664	759	854	949	1139	1328	1518
5´x10´	1.52x3.05	830	949	1067	1186	1423	1660	1897
5´x20´	1.52x6.10	1660	1898	2135	2372	2846	3321	3795
6´x20´	1.83x6.10	1992	2277	2562	2846	3416	3985	4554
6´x20´	2.44x6.10	2657	3036	3416	3795	4554	5313	6072
10´x20´	3.04x6.10	3321	3795	4269	4744	5693	6641	7590
Kilos por m2		178.72	204.25	229.78	255.30	306.37	357.43	408.49
Kilos por pie2		16.16	18.67	21.04	23.71	28.45	32.89	37.93

EL FARO DEL BAJÍO
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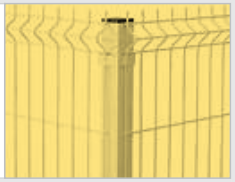
Complementos

Metal desplegado
Reja
Clavo

Otros

Láminas
Placa

Ademas:
Tabla roca
Impermeabilizante
Pintura
entre otros...



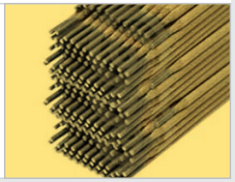
Reja

	Panel			Poste	
		Abrazaderas por dimensiones			
Altura (m)	Longitud (m)	Panel	Calibre	(pulgadas)	Calibre
0.63	2.5	2	6 (4.89 mm)	2 1/4" x 2 1/4"	16 (1.516 mm)
1.00	"	2	"	"	"
1.50	"	3	"	"	"
2.00	"	4	"	"	"
2.50	"	5	"	"	"

Clavo

Tabla de pesos teóricos

Pulgadas	Milímetros	Kg/caja
1"	25.4	25
1 1/2"	38.1	"
2"	50.8	"
2 1/2"	63.5	"
3"	76.2	"
3 1/2"	88.9	"
4"	101.6	"



Soldadura

Soldadura	1/8"	6013
Soldadura	1/8"	7018
Soldadura	3/32"	6013
Soldadura	5/32"	6010
Soldadura	5/32"	7018
Soldadura	3/32"	6011
Soldadura	3/16"	7018

EL FARO DEL BAJÍO
COMERCIALIZADORA

Buen servicio,
confianza,
conocimiento,
variedad de productos

...permitenos apoyarte,
y ser parte
de tus proyectos...
somos...

EL FARO DEL BAJÍO!!!...

EL FARO DEL BAJÍO
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Otros