



CATÁLOGO DE PESOS Y MEDIDAS



SADI
ACERO



Sadi Estructurales y Trefilados

Empresa dedicada desde hace mas de 3 décadas a la comercialización de productos de Acero con las mejores marcas del mercado.

En Acero Sadi tenemos como misión el superar las expectativas de calidad en nuestros clientes, nuestro compromiso es proveer a nuestros clientes de soluciones en Acero.

Presentamos así nuestra empresa y su amplia gama de productos que tenemos en existencia durante todo el año. Tenemos la capacidad de surtir cualquier tipo de pedido a cualquier parte de la República



SADI
ESTRUCTURALES Y TREFILADOS

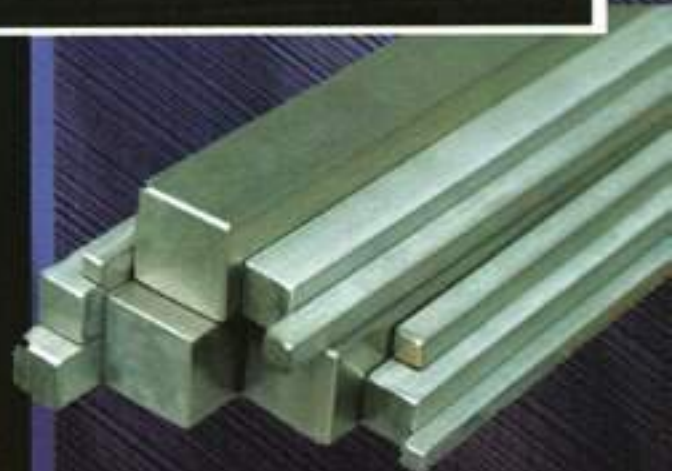


Contamos con el mejor surtido en
Acero de alta calidad en el servicio
y precios competitivos



OFICINAS GENERALES

Prolongacion La Luz Km 9
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ALAMBRE PULIDO
EN BARRA DE 6MTS.

ALAMBRES
RECOCIDOS

PESO MALLA
ELECTROSOLDADA POR ROLLO

Pulg.	mm.	Kilos por metro	Calibre	16	17	18	2.50x40 mts.	
4.8	3/16	0.146					66-44	257 kg.
6.3	1/4	0.249					66-66	187 kg.
7.9	5/16	0.388					66-68	130 kg.
9.5	3/8	0.599					66-1010	93 kg
12.7	1/2	0.994		1/4	6.3	(2)	0.248	

MALLA ELECTROSOLDADA

Descripción:

La malla electrosoldada es fabricada en forma cuadriculada con alambre de acero de gran resistencia laminado en frío; corrugado o liso y electrosoldado.

Materiales:

Los alambres empleados en la fabricación de la malla provienen de alambroñ de palanquilla, laminado en caliente y posteriormente trabajados en frío, adquiriendo gran resistencia a la fricción.

Normas:

Los requisitos mecánicos de la malla ya fabricada cumplen con la norma NOM-B-253-1988 para los alambres y con la resistencia al corte de la soldadura especificada en la NOM-B-290-1988 de la Dirección General de Normas.

Propiedades Mecánicas:

Resistencia a la tensión: 5,700 kg/cm² mínimo

Límite a la fluencia: 5,000 kg/cm² mínimo

Ductilidad:

Alargamientos la ruptura en 10 diámetros 6% mínimo

Reducción de área 30% mínimo

Cualquiera que cumpla (alargamiento o reducción de área)

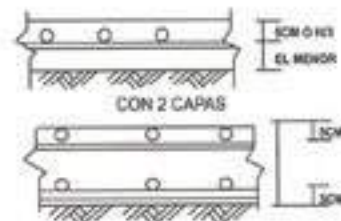
La fuerza mínima de corte de la soldadura es igual al valor que resulte de multiplicar 25 kg/mm² por el área del alambre de mayor diámetro

Presentación:

La malla standard se fabrica en rollos de 2.5m de ancho x 40.80 o 120.00 m de largo y en hojas de 2.50 m x 6.00m

Presentación

Diseño	Calibre del alambre		Malla
	Diam. mm	Área cm ²	Área transv. cm ² /m
66-1/4-1/4	6.35	0.32	2.08
66-44	5.72	0.26	1.69
66-66	4.88	0.19	1.23
66-88	4.11	0.13	0.87
66-1010	3.43	0.09	0.61



Tubo Mecánico Cédula 30

Tramo comercial 6.00 mts.

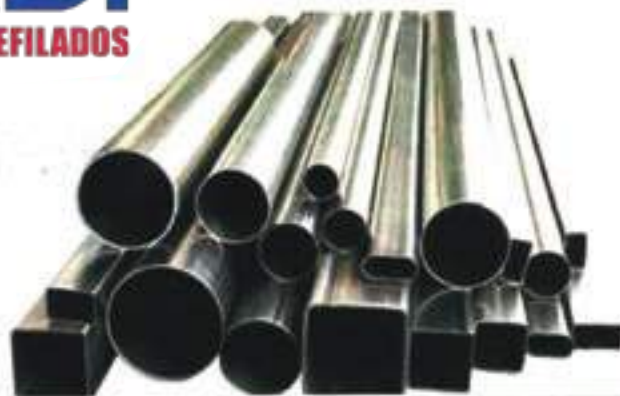
DIÁMETRO

ESPESOR DE PARED

PESO TEÓRICO



NOMINAL	EXTERIOR		PESO TEÓRICO	
			Kg/m	Kg/6m
13mm (1/2")	21.33mm (0.840")	1.7094mm (.067")	0.900	5.400
19mm (3/4")	26.67mm (1.050")	1.7094mm (.067")	1.125	6.750
25mm (1")	33.40mm (1.315")	1.8974mm (.075")	1.500	9.000
32mm (1 1/4")	42.16mm (1.660")	2.2784mm (.090")	2.350	14.100
38mm (1 1/2")	48.26mm (1.900")	2.2784mm (.090")	2.350	16.200
51mm (2")	60.32mm (2.375")	2.6568mm (.105")	3.950	23.700
64mm (2 1/2")	73.03mm (2.875")	2.6568mm (.105")	4.800	31.200
76mm (3")	88.90mm (3.500")	3.0378mm (.120")	6.700	40.200
102mm (4")	114.30mm (4.500")	3.0378mm (.120")	8.600	51.600

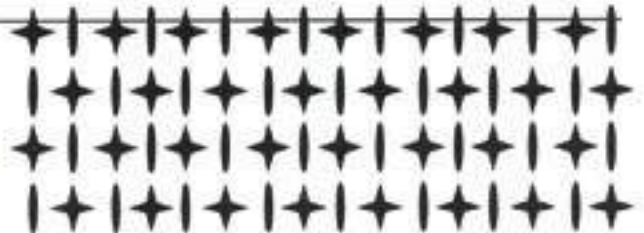


Tubo Industrial

Diam. mm	Ext. pulg.	Peso Técnico			Diam. mm	Ext. pulg.	Peso Técnico			Diam. mm	Ext. pulg.	Peso Técnico		
		Cal.	Kg/m	Kg/6m			Cal.	Kg/m	Kg/6m			Cal.	Kg/m	Kg/6m
12.7	1/2	16	0.500	3.000	28.5	1 1/8	16	1.097	6.582	44.4	1 3/4	18	1.362	8.172
		20	0.292	2.000			18	0.878	5.268			20	1.022	6.132
15.8	5/8	18	0.389	3.000	31.7	1 1/4	16	1.216	7.296	63.5	2 1/2	16	2.436	14.616
		20	0.366	2.300			18	0.973	6.000			20	1.461	8.766
		18	0.585	3.510			20	0.730	4.380			18	1.949	11.694
19.05	3/4	18	0.488	2.928	33.4	1 3/8	14	1.673	10.038	76.2	3"	16	2.920	17.520
		20	0.438	2.628			18	0.730	4.380			18	2.336	14.016
		18	0.585	3.510			20	0.730	4.380			14	4.200	25.200
22.2	7/8	16	0.852	5.112	38.1	1 1/2	18	1.071	6.426	88.9	3 1/2	14	4.200	25.200
		18	0.681	4.200			20	0.803	4.818			16	3.600	21.500
		20	0.500	3.000			16	1.461	9.000			18	3.030	18.200
25.4	1"	16	0.974	6.000			18	1.169	7.200	101.4	4"	14	4.680	28.100
		18	0.779	5.300			20	0.877	5.400			16	3.750	2.250
		20	0.585	3.700								18	3.200	19.200

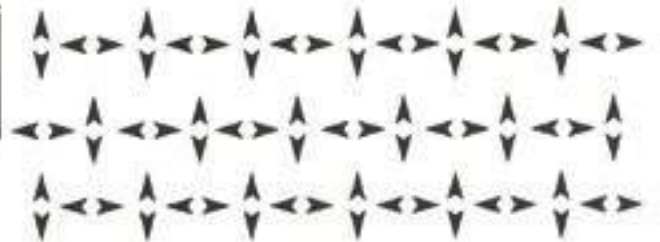
LAMINA Y PLACA ANTIDERRAPANTE

Calibre	Espesor mm	3'x8'	3'x10'	4'x8'	4'x10'
14	1.9	40.59	50.74	54.18	67.72
13	2.3	48.62	60.77	64.89	81.12
12	2.7	57.09	71.37	76.21	95.26
1/8"	3.2	66.90	83.63	89.30	111.63
10	3.4	74.04	92.55	98.83	123.54
3/16"	4.8	94.78	118.48	126.51	158.14
1/4"	6.4	122.44	153.04	163.43	204.28
5/16"	7.9	150.09	187.61	200.34	250.42
3/8"	9.5	177.97	222.46	237.55	296.94



LAMINA ANTIDERRAPANTE ZARPA

Calibre	Espesor	Medidas Standard						kg/m2	kg/hoja
		Ancho		Largo					
	mm	pulg.	mts.	pies	mts.	pies			
20	0.91	0.0359	0.915	3'	3.050	10'	7.326	20.412	
18	1.21	0.0478	0.915	3'	3.050	10'	9.768	27.216	
16	1.52	0.0598	0.915	3'	3.050	10'	12.210	34.020	
14	1.90	0.0747	0.915	3'	3.050	10'	15.262	42.525	

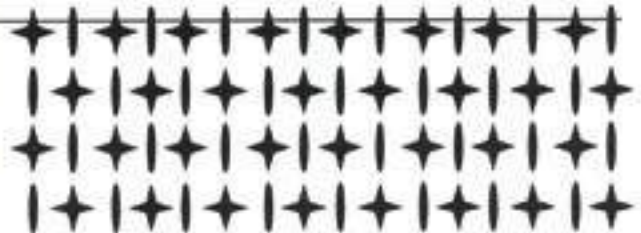


Tubo Industrial

Diam. mm	Ext. pulg.	Peso Técnico			Diam. mm	Ext. pulg.	Peso Técnico			Diam. mm	Ext. pulg.	Peso Técnico		
		Cal.	Kg/m	Kg/6m			Cal.	Kg/m	Kg/6m			Cal.	Kg/m	Kg/6m
12.7	1/2	16	0.500	3.000	28.5	1 1/8	16	1.097	6.582	44.4	1 3/4	18	1.362	8.172
		20	0.292	2.000			20	0.658	3.948			20	1.022	6.132
15.8	5/8	18	0.389	3.000	31.7	1 1/4	16	1.216	7.296	63.5	2 1/2	16	2.436	14.616
		20	0.366	2.300			18	0.973	6.000			20	1.461	8.766
		18	0.585	3.510			20	0.730	4.380			18	1.949	11.694
19.05	3/4	18	0.488	2.928	33.4	1 3/8	14	1.673	10.038	76.2	3"	16	2.920	17.520
		20	0.438	2.628			18	0.803	4.818			18	2.336	14.016
		16	0.852	5.112			20	0.877	5.400			14	4.200	25.200
22.2	7/8	18	0.681	4.200	38.1	1 1/2	18	1.071	6.426	88.9	3 1/2	16	3.600	21.500
		20	0.500	3.000			16	1.461	9.000			18	3.030	18.200
		18	0.779	5.300			20	0.877	5.400			16	3.750	2.250
25.4	1"	16	0.974	6.000			18	1.169	7.200	101.4	4"	14	4.680	28.100
		18	0.779	5.300			20	0.877	5.400			16	3.750	2.250
		20	0.585	3.700								18	3.200	19.200

LAMINA Y PLACA ANTIDERRAPANTE

Calibre	Espesor mm	3'x8'	3'x10'	4'x8'	4'x10'
14	1.9	40.59	50.74	54.18	67.72
13	2.3	48.62	60.77	64.89	81.12
12	2.7	57.09	71.37	76.21	95.26
1/8"	3.2	66.90	83.63	89.30	111.63
10	3.4	74.04	92.55	98.83	123.54
3/16"	4.8	94.78	118.48	126.51	158.14
1/4"	6.4	122.44	153.04	163.43	204.28
5/16"	7.9	150.09	187.61	200.34	250.42
3/8"	9.5	177.97	222.46	237.55	296.94



LAMINA ANTIDERRAPANTE ZARPA

Calibre	Espesor	Medidas Standard						kg/m2	kg/hoja
		Ancho		Largo					
	mm	pulg.	mts.	pies	mts.	pies			
20	0.91	0.0359	0.915	3'	3.050	10'	7.326	20.412	
18	1.21	0.0478	0.915	3'	3.050	10'	9.768	27.216	
16	1.52	0.0598	0.915	3'	3.050	10'	12.210	34.020	
14	1.90	0.0747	0.915	3'	3.050	10'	15.262	42.525	

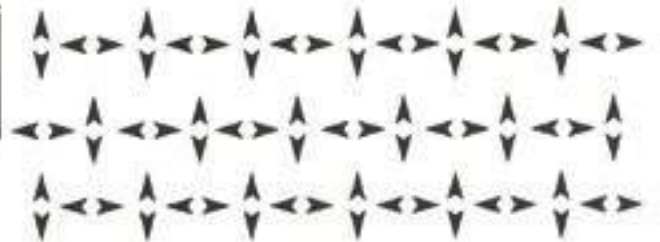


Lámina Lisa Galvanizada

Medida Calibre	3x6	3x8	3x10	4x8	4x10
26	6.20	8.20	10.20	11.00	13.60
24	8.20	10.80	13.60	14.50	18.20
22	10.20	13.60	17.00	18.20	22.60
20	12.20	16.40	20.40	21.80	27.20
18	16.40	21.80	27.20	29.00	36.20
16	20.40	27.20	34.00	36.20	45.40
14	25.60	34.00	42.60	45.40	56.80
12	35.80	47.60	59.60	63.60	79.40

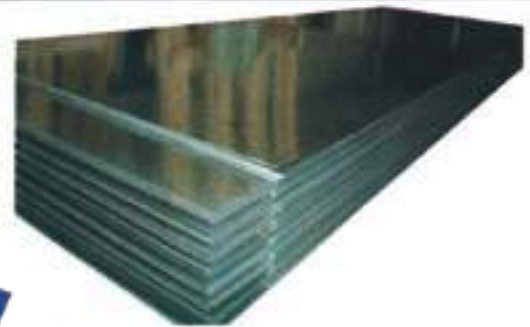


LÁMINA GALVANIZADA ACANALADA (030-R-72-R-101)

TABLA DE PESOS POR HOJA EN KGS Y POR METRO LINEAL

CALIBRE	ESPESOR EN MM.	1.83MT 3"X6"	2.44MT 3"X8"	3.05MT 3"X10"	3.66MT 3"X12"	2.44MT 4"X8"	3.05MT 4"X10"	13.66MT 4"X12"	6.10MT 4"X20"	91.5MT 3" ANCHO	122MT 4" ANCHO
24	0.584	7.78X6.76	10.37X9.01	12.97	15.56	13.83	17.29	20.75	34.58	4.25	5.67
26	0.508	5.74	7.65	11.27	13.52	12.02	15.02	18.04	30.07	3.70	4.93
28	0.432	4.72	6.29	9.57	11.48	10.21	12.76	15.30	25.50	3.14	4.19
30	0.358	3.36	4.49	7.86	9.44					2.58	
32	0.240			5.61	6.73					1.83	

LÁMINA GALVANIZADA ACANALADA ALUMINIO GALVANIZADO PINTADO

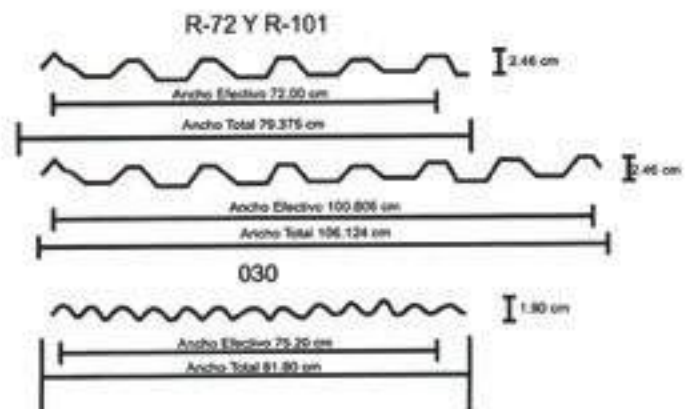
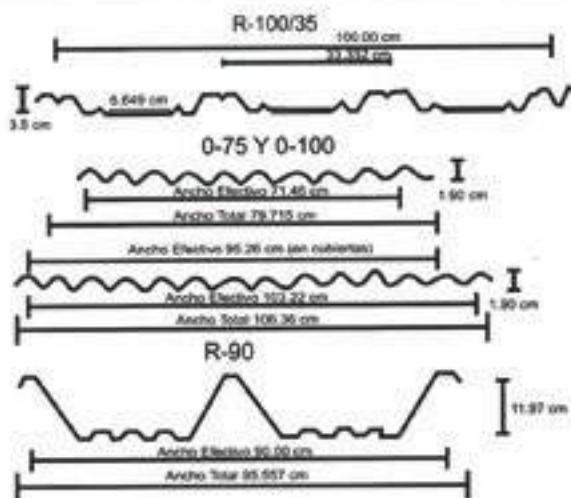
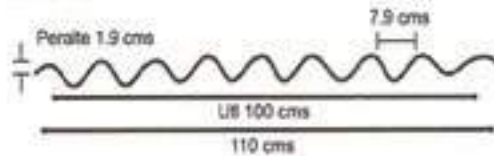


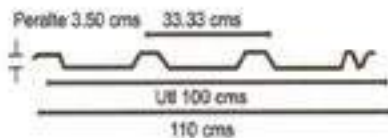
LÁMINA TRANSLUCIDA O GALVANIZADA

TIPO 0-100
1.10 X 2.44
1.10 X 3.05
1.10 X 3.66

TIPO 13

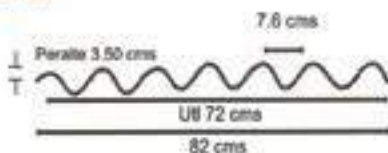


TIPO RN-100/35
1.10 X 1.83
1.10 X 2.44
1.10 X 3.05
1.10 X 3.66



TIPO 030
0.82 X 1.82
0.82 X 2.44
0.82 X 3.05
0.52 X 3.66

TIPO 16



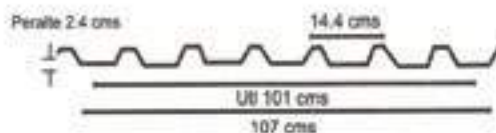
TIPO R-72
0.81 X 1.82
0.81 X 2.44
0.81 X 3.05
0.81 X 3.66

TIPO 8



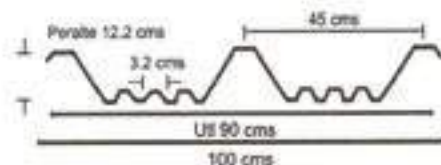
TIPO R-101
1.07 X 2.44
1.07 X 3.05
1.07 X 3.66

TIPO 18



TIPO R-90
1.00 X 3.05
1.00 X 3.66
1.00 X 4.88
1.00 X 5.50
1.00 X 6.10
1.00 X 7.30

TIPO 22



FLEXION

Norma: ASTM D 790-63
Resistencia máxima: 721.87 kg/cm²
Resistencia a la flexión: 54.25 kg/cm²
Modulo de elasticidad: 8,4300.00 kg/cm²

TENSIÓN

Norma: ASTM D 638-63T
Resistencia a la tensión: 535.2 kg/cm²
Modulo de elasticidad: 21,100.00 kg/cm²

COMPRESIÓN

Norma: ASTM D 695-63
Resistencia a la compresión: 2,304.865 kg/cm²
Modulo de elasticidad: 28,375.908 kg/cm²

TRANSMISIÓN DE LUZ

Cristal: 84%

Verde: 62%

Blanco: 70%

Amarillo: 73%

ESPESORES

Estandar: 1.4mm +/- 10%

Especial: Según requerimiento

Conductividad térmica: 0-100 C°

Acrílico reforzado Acrylit -K-1.1+(0.03)x 10
3 W/cmC°

Norma: ASTM C 553-641TYc177=63

Peso aprox. por M2 1.7 Kg/m²-1.9

Kg/m² en espesor estandar

OTROS DATOS

Dureza Barcol: 42+-2

Constante dieléctrica: 3.07

Norma: ASTM-299

COLORES

200 Cristal

201 Verde

202 Blanco

204 Amarillo

LÁMINA NEGRA R.C. Y R.F.

CAL.	ESPEJOR MM.	ESPEJOR PULG.	PESO KG/M ²	PESO KG/PIEZ.	3X6	HOJAS APROX X TON.	3X8	HOJAS APROX X TON.	3X10	HOJAS APROX X TON.	4X8	HOJAS APROX X TON.	4X10	HOJAS APROX X TON.
1/4	6.35	0.2500	4.7418	51.062	85.367	12	113.822	9	142.280	7	142.280	7	189.672	5
3	6.07	0.2391	4.5359	48.838	81.646	12	108.861	9	136.077	7	136.077	7	181.436	6
4	5.69	0.2242	4.2524	45.786	76.543	13	102.057	10	127.572	8	127.572	7	170.096	6
5	5.31	0.2092	3.9689	42.733	71.440	14	95.254	11	119.067	8	119.067	8	158.756	6
6	4.94	0.1943	3.6854	39.681	66.337	15	88.450	11	110.567	9	110.567	9	147.416	7
3/16	4.76	0.1875	3.5564	38.296	64.025	16	85.366	12	106.710	9	106.710	9	142.256	7
7	4.55	0.1793	3.4019	36.628	61.025	16	81.646	12	102.057	10	102.057	9	136.976	7
8	4.18	0.1644	3.1184	33.576	56.131	18	74.842	13	93.552	11	93.552	10	124.736	8
9	3.80	0.1495	2.8349	30.523	51.028	20	63.038	15	85.047	12	85.047	11	113.396	9
10	3.42	0.1345	2.5514	27.471	45.925	22	61.234	16	76.542	13	76.542	12	102.058	10
1/8	3.17	0.1250	2.3708	25.531	42.683	23	59.911	18	71.140	14	71.140	13	94.832	11
11	3.04	0.1198	2.2680	24.420	40.824	25	54.432	19	68.040	15	68.040	14	90.718	11
12	2.66	0.1046	1.9845	21.367	35.721	28	47.628	21	59.535	17	59.535	16	79.373	13
13	2.28	0.0897	1.7010	18.315	30.618	33	40.824	25	51.030	20	51.030	18	68.039	15
14	1.90	0.0747	1.4175	15.262	25.515	39	34.020	29	42.525	24	42.525	22	56.699	18
15	1.71	0.0673	1.2757	13.736	22.963	44	30.617	33	38.271	26	38.271	25	51.029	20
1/16	1.58	0.0625	1.1854	12.765	21.341	47	28.455	35	35.570	28	35.570	26	47.416	21
16	1.52	0.0598	1.1340	12.210	20.412	49	27.216	37	34.020	29	34.020	28	45.359	22
17	1.37	0.0538	1.0206	10.989	18.371	55	24.494	41	30.618	33	30.618	31	40.823	25
18	1.21	0.0478	0.9072	9.768	16.330	61	21.773	46	27.216	37	27.216	34	36.287	28
19	1.06	0.0418	0.7938	8.547	14.288	70	19.051	53	23.814	42	23.814	39	31.751	32
20	0.91	0.0359	0.6804	7.326	12.247	82	16.330	61	20.412	49	20.412	46	27.215	37
21	0.84	0.0329	0.6237	6.715	11.227	89	14.969	67	18.711	54	18.711	50	24.947	40
1/32	0.79	0.0312	0.5917	6.372	10.653	94	14.205	70	17.756	56	17.756	53	23.668	42
22	0.76	0.0299	0.5670	6.105	10.206	98	13.608	74	17.010	59	17.010	55	22.680	44
23	0.68	0.0269	0.5103	5.494	9.185	110	12.247	82	15.309	65	15.309	61	20.412	49
24	0.61	0.0239	0.4536	4.884	8.165	123	10.886	93	13.608	74	13.608	69	18.144	55
25	0.53	0.0209	0.3969	4.273	7.144	140	9.526	105	11.907	84	11.907	79	15.876	63
26	0.45	0.0179	0.3402	3.663	6.124	164	8.165	123	10.206	98	10.206	92	13.608	74
27	0.42	0.0164	0.3118	3.357	5.612	179	7.483	134	9.354	107	9.354	100	12.474	80
28	0.38	0.0149	0.2835	3.052	5.103	196	6.804	147	8.505	118	8.505	110	11.340	88
29	0.34	1.0135	0.2551	2.747	4.592	218	6.122	164	7.653	131	7.653	123	10.206	98
30	0.30	0.0120	0.2268	2.442	4.032	248	5.443	184	6.804	147	6.804	139	9.072	110
31	0.27	0.0105	0.1984	2.136	3.571	280	4.700	213	5.950	169	5.950	158	7.936	126
32	0.24	0.0097	0.1843	1.984	3.317	302	4.423	227	5.529	181	5.529	170	7.370	136

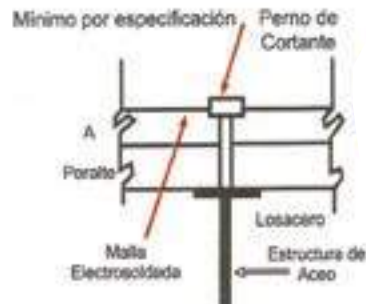
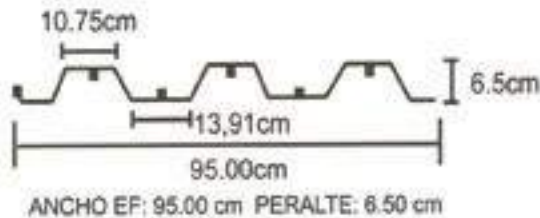
PLACA DE ACERO

PESO APROXIMADAMENTE EN KG MEDIDAS ESTANDARD

PIES	METROS	3/16	1/4	5/16	3/8	1/2	5/8	3/4	7/8	1"	1 1/4	1 1/2	2"	2 1/2
		4.88mm	6.33mm	7.9mm	9.5mm	12.4mm	15.9mm	19.1mm	22.2mm	25.4mm	31.7mm	38.1mm	50.8mm	63.5mm
3x6	0.915x1.83	62	83	104	125	167	208	250	291	333				
3x8	0.915x2.44	83	111	139	167	222	278	333	1389	444				
3x10	0.915x3.05	104	139	173	208	278	347	416	486	555				
3x20	0.915x6.10	208	278	346	416	556	694	832	972	1110				
4x8	1.22x2.44	111	148	185	222	296	370	444	518	592				
4x10	1.22x3.05	139	185	231	278	30	463	555	648	740				
4x20	1.22x6.10	278	370	462	556	740	926	1110	1296	1480				
5x20	1.52x6.10	347	463	578	694	925	1157	1388	1619	1851				
6x20	1.83x6.10	410	560	700	840	1120	1400	1650	1960	2220	2780	3340	4440	5680
8x20	2.44x6.10	556	740	924	1112	1480	1852	2220	2592	2960	3710	4460	5920	6580
	kgxm2	37.35	49.80	62.25	74.70	99.61	124.51	149.41	174.31	199.21	249.00	299.00	398.42	498.03
	kgxpie2	3.475	4.627	5.793	6.940	9.523	11.567	13.880	16.194	18.507	23.13	27.76	37.01	46.533

LOSACERO

Sección 4	2.44 mts	3.05 mts	3.66 mts	6.10 mts
Calibre 22	18.144	22.68	27.23	45.30
Calibre 24	14.40	18.00	21.68	36.00
Calibre 20	21.80	27.20	32.70	54.50



SADI
ESTRUCTURALES Y TREFILADOS

CAPACIDAD DE CARGA LOSACERO

Separación entre apoyos (mts)

Condición de apoyo	Cal.	Carga Viva							Succión del Viento						
		2.00	2.50	3.00	3.50	4.00	4.50	5.00	2.00	2.50	3.00	3.50	4.00	4.50	5.00
Simple	24	463	294	203	147	111	450-	-	618	393	271	172	114	-	-
	22	612	389	268	194	147	110		817	520	358	223	147	101	
	20	769	489	336	245	185	130			653	443	275	181	124	
	18		672	463	337	250	172	122			600	373	246	169	120
Doble	24	473	301	207	151	114	89		631	402	277	202	153	120	
	22	634	403	277	202	153	119	95	846	539	372	271	205	155	111
	20	809	514	354	258	195	152	121		687	474	346	263	191	137
	18		738	508	370	280	219	174			680	496	374	259	186
Triple	24	593	377	260	190	144	112		790	504	348	354	193	151	110
	22	795	506	349	254	193	151	120		675	466	341	259	197	141
	20		645	445	324	246	193	154		861	595	435	331	243	175
4 ó más	18			639	466	354	277	222			854	624	475	330	237
	24	553	352	243	177	134	105		737	470	324	237	180	141	113
	22	741	472	325	237	179	140	112		630	435	317	241	189	151
	20		602	415	302	229	179	143		803	555	405	308	241	186
	18		583	595	434	326	258	206			796	582	442	347	253

PROPIEDADES DE LA SECCIÓN LOSACERO

Cal.	Peso kg/m ²	Compresión superior momento positivo		Compresión superior momento negativo	
		1+ (cm ⁴ /m)	S+ (cm ³ /m)	1- (cm ⁴ /m)	S+ (cm ³ /m)
24	5.700	61.48	15.02	59.79	15.34
22	8.000	79.74	19.87	73.65	20.58
20	9.540	94.74	24.95	90.83	26.23
18	12.590	124.88	34.29	123.14	37.57



LSADI
ESTRUCTURALES Y TREFILADOS

HSS

RECTANGULAR PESO APROX. POR PIEZA DE 12.20 MTS

PULG.	1/8"	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"
5X3"	117.24	171.04	221.67	269.25	313.54	392.72		
6X2"	117.24	171.04	221.67	269.25	313.54	392.72		
5X4"	132.49	194.22	252.54	307.93	359.90	454.45		
6X3"	132.49	194.22	252.54	307.93	359.90	454.45		
7X2"	132.49	194.22	252.54	307.93	359.90	454.45		
6X4"	147.99	217.28	283.65	346.36	406.14	516.18		
7X3"	147.99	217.28	283.65	346.36	406.14	516.18		
8X2"	147.99	217.28	283.65	346.36	406.14	516.18		
6X5"		240.58	314.69	385.03	452.62	578.28		
7X4"		240.58	314.69	385.03	452.62	578.28		
8X3"		240.58	314.69	385.03	452.62	578.28		
7X5"		263.76	345.26	323.71	498.86	639.77		
8X4"		263.76	345.26	323.71	498.86	639.77		
9X3"		263.76	345.26	323.71	498.86	639.77		
10X2"		263.76	345.26	323.71	498.86	639.77		
8X6"		310.12	406.99	500.93	591.46	763.48		
9X5"		310.12	406.99	500.93	591.46	763.48		
10X4"		310.12	406.99	500.93	591.46	763.48		
12X2"		310.12	406.99	500.93	591.46	763.48		
8X7"		333.18	437.86	539.61	637.82	825.21		
9X6"		333.18	437.86	539.61	637.82	825.21		
10X5"		333.18	437.86	539.61	637.82	825.21		
12X3"		333.18	437.86	539.61	637.82	825.21		
9X7"		356.36	468.72	578.04	684.30	886.94	1078.48	
10X6"		356.36	468.72	578.04	684.30	886.94		
12X4"		356.36	468.72	578.04	684.30	886.94		
10X8"		402.72	530.70	655.38	776.90	1010.53	1233.42	
12X6"		402.72	530.70	655.38	776.90	1010.53	1233.42	
14X4"		402.72	530.70	655.38	776.90	1010.53		
12X8"		448.96	592.43	732.61	869.62	1133.99	1388.36	
14X6"		448.96	592.43	732.61	869.62	1133.99	1388.36	
16X4"		448.96	592.43	732.61	869.62	1133.99	1388.36	
12X10"			658.80	806.42	960.14	1257.82	1572.28	
18X4"			658.80	806.42	960.14	1257.82		
14X10"		541.80	715.90	887.06	1054.81	1381.04	1697.02	
16X8"		541.80	715.90	887.06	1054.81	1381.04	1697.02	
18X6"		541.80	715.90	887.06	1054.81	1381.04	1697.02	
20X4"		541.80	715.90	887.06	1054.81	1381.04	1697.02	
16X12"				1041.39	1240.25	1628.21	2035.26	2366.80
20X8"				1041.39	1240.25	1628.21		
20X12"				1195.60	1425.57	1875.14	2306.00	
24X12"						2123.00	2623.00	3099.00

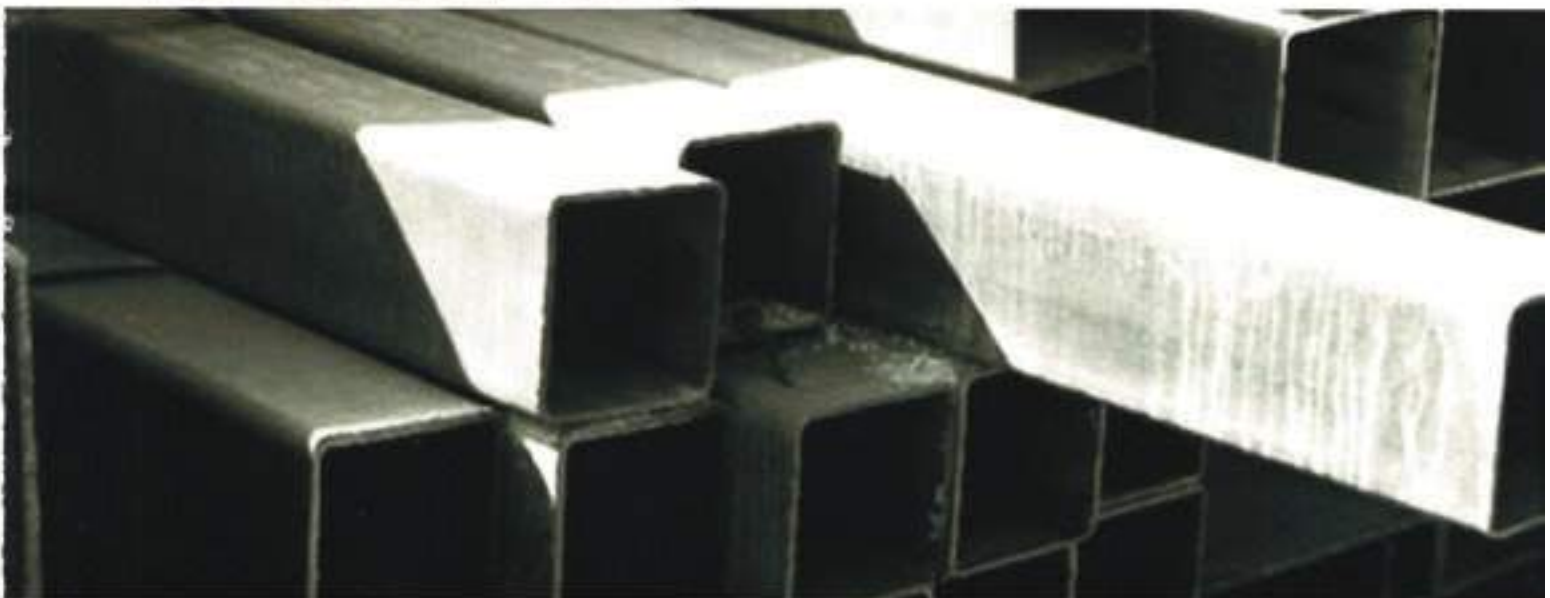
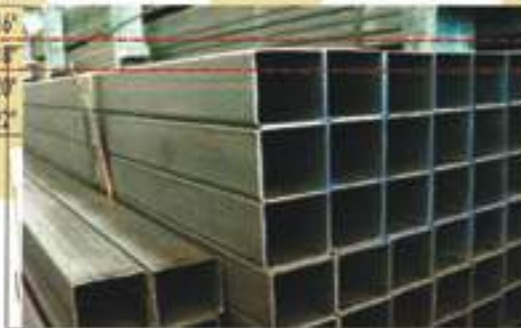


HSS

CUADRADO

PESO APROX. POR PIEZA DE 12.20 MTS

PULG.	1/8"	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	7/8"
4"x4"	117.24	171.04	221.67	269.25	313.54	392.72			
4 1/2"x4 1/2"	132.49	194.22	252.54	307.93	359.90	454.45			
5"x5"	147.99	217.28	283.65	346.36	406.14	516.18			
5 1/2"x5 1/2"		240.58	314.39	385.03	452.62				
6"x6"		263.76	345.26	423.71	498.86	639.77	769.82		
7"x7"		310.12	40.699	500.93	591.46	763.48			
7 1/2"x7 1/2"		133.18	437.86	539.61	637.82	835.21			
8"x8"		156.36	468.72	578.04	684.30	886.94	1078.48		
9"x9"		402.72	530.70	655.38	776.90	1010.53			
10"x10"		448.96	592.43	732.61	869.62	1133.99	1388.36	1666.03	
12"x12"		541.80	715.90	887.06	1054.81	1381.04	1697.02	2036.42	
14"x14"				1041.39	1240.25	1628.21	2035.26	2366.80	2708.40
16"x16"				1195.60	1425.57	1875.51	2306.00	2732.80	3147.60
18"x18"						2123.00	2623.00	3099.00	3574.00
20"x20"						2367.00	2928.00	3477.00	4013.80
22"x22"								3843.00	4440.80



PTR

TABLERO CAL 20

ZINTRO Y PINTADO

DIMENSIONES

PULGADAS	MM	CALIBRE	COLOR	ESPESOR MM	KG/M	KGS/PZA 6M
1X1	25.4X25.4	14	AZUL	1.89	1.44	8.65
		12	VERDE	2.65	1.87	11.22
		10	ROJO	3.42	2.27	13.62
1 1/4X1 1/4	31.7X31.7	14	AZUL	1.89	1.78	10.70
1 1/2X1 1/2	38.1X38.1	14	AZUL	1.89	2.18	13.10
		12	BLANCO	2.65	2.96	17.76
		11	VERDE	3.04	3.33	19.98
		9	ROJO	3.80	4.02	24.12
2X2	50.8X50.8	14	AZUL	1.89	2.95	17.70
		12	BLANCO	2.65	4.05	24.30
		11	VERDE	3.04	4.55	27.30
		9	ROJO	3.80	5.36	32.16
2 1/2X2 1/2	63.5X63.5	14	AZUL	1.89	3.69	22.19
		11	BLANCO	3.04	5.82	34.92
		9	VERDE	3.80	7.13	42.78
		7	ROJO	4.55	8.37	50.22
3X3	76.2X76.2	14	AZUL	1.89	4.59	27.59
		11	BLANCO	3.04	7.09	42.54
		9	VERDE	3.80	8.72	52.32
		7	ROJO	4.55	10.28	61.68
3 1/2X3 1/2	88.9X88.9	14	AZUL	1.89	5.27	31.65
		11	BLANCO	3.04	8.34	50.04
		9	VERDE	3.80	10.28	61.68
		7	ROJO	4.55	12.16	71.96
3X2	76.2X50.8	14	AZUL	1.89	3.69	22.14
		11	BLANCO	3.04	5.82	34.92
		9	VERDE	3.80	7.13	42.78
4X2	101.6X50.8	14	AZUL	1.89	4.59	27.59
		11	BLANCO	3.04	7.09	42.54
		9	VERDE	3.80	8.72	52.32
		7	ROJO	4.55	10.28	61.68
4X3	101.6X76.2	14	AZUL	1.89	5.27	31.65
		11	BLANCO	3.04	8.34	50.04
		9	VERDE	3.80	10.28	61.68
		7	ROJO	4.55	12.16	71.96
4X4	101.6X101.6	14	AZUL	1.89	6.03	36.20
		11	BLANCO	3.04	9.60	57.60
		9	VERDE	3.80	12.03	72.18
		7	ROJO	4.55	14.30	85.80

No.	MEDIDA	MTS	KGS/PZA
3' PIES (0.75 CM)			
3X3	0.75X0.91		5.600
3X4	0.75X1.22		8.000
3X6	0.75X1.83		11.800
3X6 1/2	0.75X2.00		12.5
3X7	0.75X2.14		14.00
3X8	0.75X2.44		15.800
3X10	0.75X3.00		19.700
4' PIES (1.00 MTS)			
4X3	1.00X0.915		7.890
4X4	1.00X1.22		10.200
4X6	1.00X1.83		14.860
4X6 1/2	1.00X2.00		17.210
4X7	1.00X2.14		20.00
4X8	1.00X2.44		21.210
4X10	1.00X3.05		26.910



CANAL MON TEN

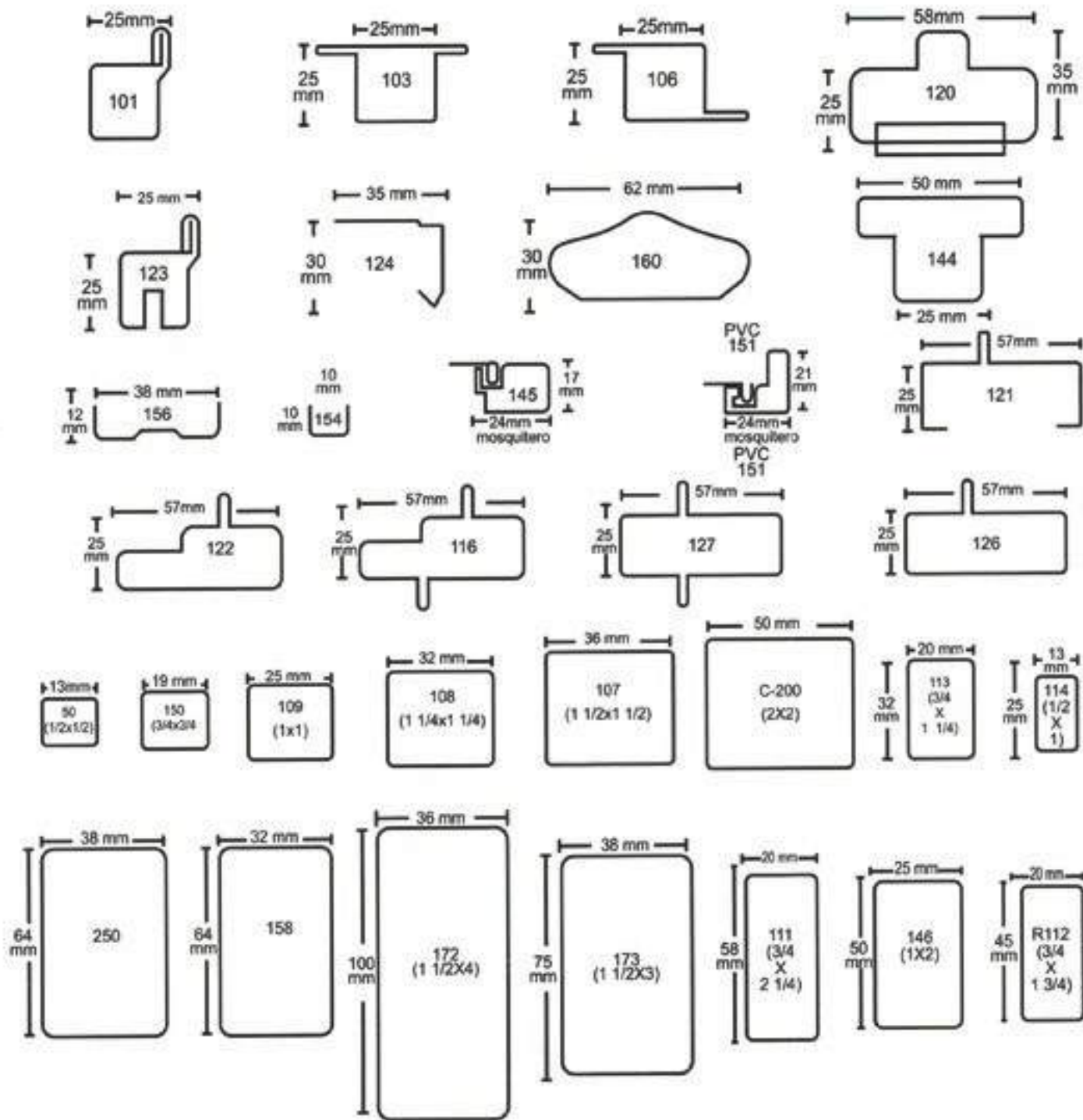
PERALTE	LARGO MM	CALIBRE	KGS/M	KGS/PZA.	PERALTE	LARGO MM	CALIBRE	KGS/M	KGS/PZA.
4"	4	14	3.29	13.16	8"	8	14	5.62	44.96
4"	6	14	3.29	19.74	8"	8	12	7.78	62.24
4"	6	12	4.53	27.16	8"	8	10	9.91	76.28
5"	5	14	3.68	18.4	10"	10	14	6.78	6.78
5"	6	14	3.68	22.06	10"	10	12	9.55	9.55
5"	6	12	5.07	30.42	10"	10	10	12.37	12.37
5"	6	10	6.42	38.52	12"	12	14	7.55	9.06
6"	6	14	4.46	26.76	12"	12	12	10.64	127.68
6"	6	12	6.16	36.96	12"	12	10	13.74	164.88
6"	6	10	7.82	46.92					

PERFIL TUBULAR PINTADO Y GALVANIZADO

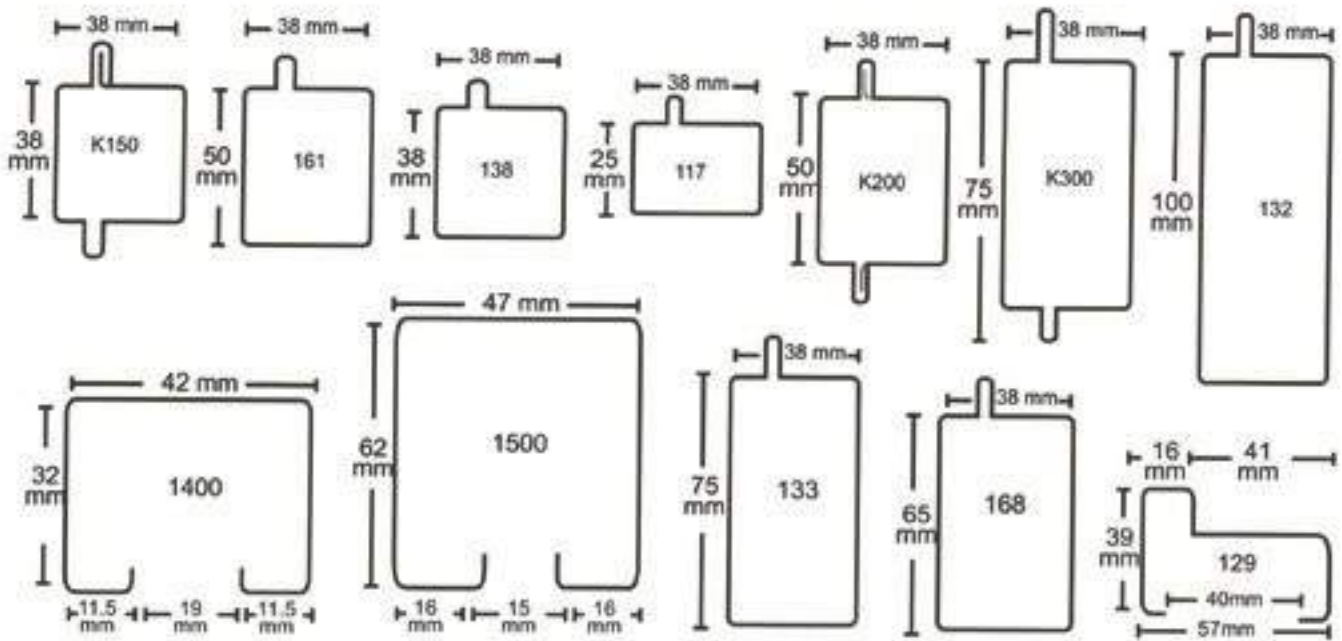
CALIBRE	No.	KGS/PZA	PIEZAS POR ATADO	CALIBRE	No.	KGS/PZA	PIEZAS POR ATADO
18	101	7.300	10	20	126	76.00	8
20	101	5.600	10	18	127	11.200	5
18	103	8.700	10	20	127	85.00	5
20	103	6.500	10	18	129	82.00	10
18	106	8.70	10	20	129	62.00	10
20	106	6.500	10	18	132	15.800	6
18	107	8.700	10	20	132	13.600	6
20	107	6.600	10	18	133	13.200	6
18	108	7.400	15	20	133	12.600	6
20	108	5.700	15	18	138	97.00	10
18	109	5.600	15	20	138	74.00	10
20	109	4.600	15	18	144	91.00	10
18	110	4.600	20	20	144	68.00	10
20	110	3.200	20	18	146	88.00	10
18	111	8.600	10	20	146	68.00	10
20	111	6.800	10	18	154	16.00	50
18	112	7.400	15	20	154	12.00	50
20	112	6.800	15	18	158	11.100	10
18	113	6.000	20	18	160	85.00	10
20	113	5.200	20	20	160	66.00	10
18	114	4.400	20	18	161	11.130	8
20	114	3.400	20	20	161	84.30	8
20	116	9.100	8	18	168	12.480	8
18	117	8.600	8	20	168	94.80	8
20	117	6.800	8	20	172	94.00	8
18	119	11.200	5	18	172	15.600	6
20	119	8.700	5	18	173	12.80	6
18	120	8.000	8	20	173	96.20	6
20	120	6.200	8	18	C200	11.710	6
18	121	8.100	8	18	R250	11.710	6
20	121	6.100	8	20	180	13.400	6
18	122	8.000	10	18	1400	7.300	12
20	122	6.100	10	14	1500	17.900	4
18	123	8.600	10	16	1500	14.600	4
20	123	6.600	10				
18	124	4.200	10				
18	126	9.900	8				



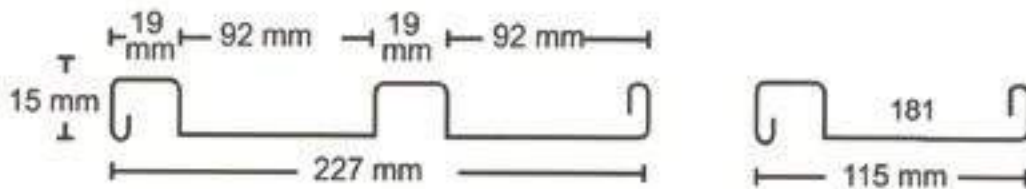
PERFILES TUBULARES



PERFILES TUBULARES



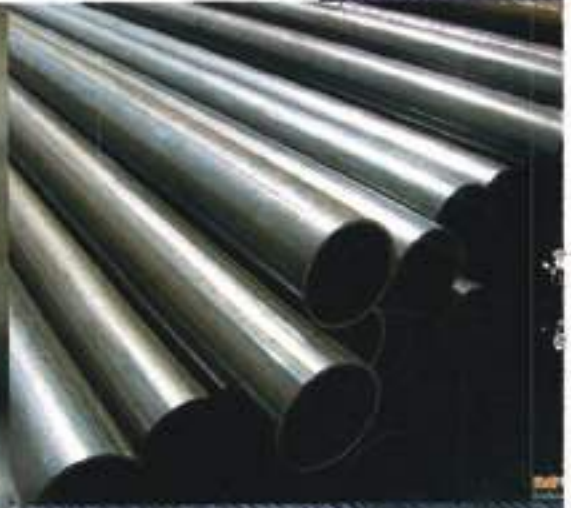
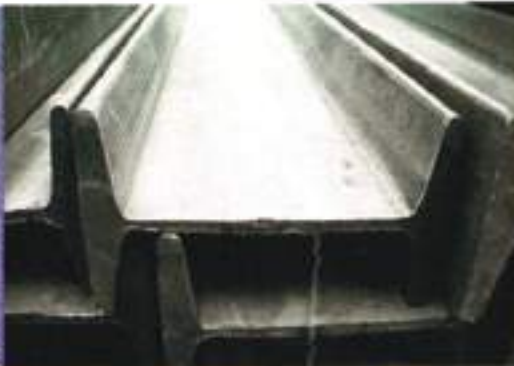
DUELA PARA ENSAMBLAR



TABLEROS PARA PUERTA



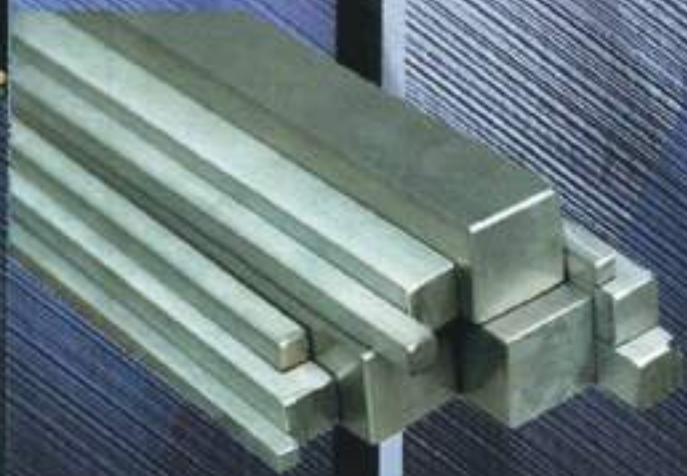
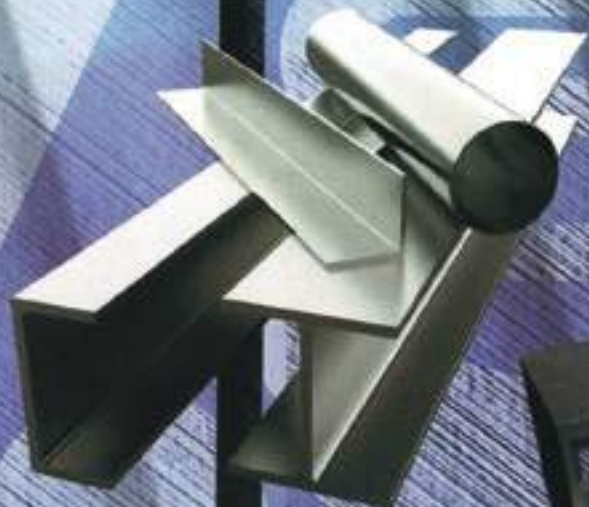
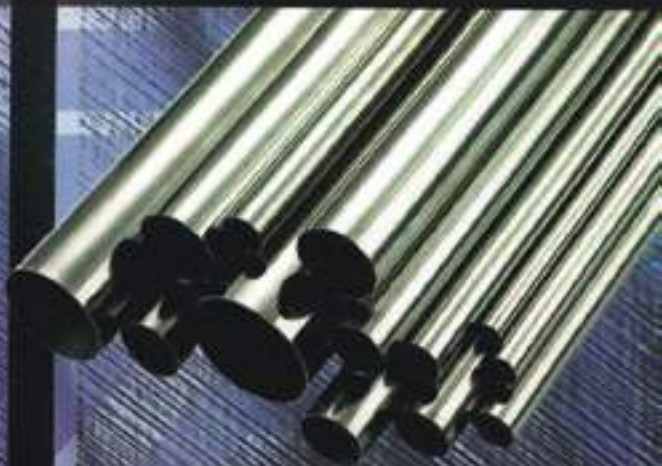
TODO EN ACERO



SADI
ESTRUCTURALES Y TREFILADOS



Nuestros Productos



SOLERA

Pulg.	mm.	kg x pza. 6mts.
1/8 x 1/2	3.2 x 12.70	1.9
x 3/4	x 19.10	2.8
x 1"	x 25.40	4.0
x 1" 1/4	x 31.70	4.8
x 1" 1/2	x 38.10	5.8
x 2"	x 50.8	7.6
3/16 x 1/2	4.8 x 12.70	2.8
x 3/4	x 19.10	4.2
x 1"	x 25.40	5.8
x 1" 1/4	x 31.70	7.2
x 1" 1/2	x 38.10	8.5
x 2"	x 50.80	11.4
x 2" 1/2	x 63.50	14.2
1/4 x 1/2	6.3 x 12.70	3.8
x 3/4	x 19.10	5.8
x 1"	x 25.40	7.6
x 1" 1/4	x 31.70	9.5
x 1" 1/2	x 38.10	11.5
x 2"	x 50.80	15.20
x 2" 1/2	x 63.50	19.0
x 3"	x 76.20	22.8
x 4"	x 101.60	30.4
x 6"	x 152.40	45.6
x 8"	x 203.20	60.8
3/8 x 1"	9.5 x 25.40	11.4
x 1" 1/4	x 31.70	14.2
x 1" 1/2	x 38.10	17.2
x 2"	x 50.80	22.8
x 2" 1/2	x 63.50	28.5
x 3"	x 76.20	34.2
x 4"	x 101.60	45.6
x 6"	x 152.40	68.4
1/2 x 1"	12.7 x 25.40	15.2
x 1" 1/2	x 38.10	22.8
x 2"	x 50.80	30.4
x 2" 1/2	x 63.50	38.0
x 3"	x 76.20	45.6
x 4"	x 101.60	61.0
x 6"	x 152.40	91.20
x 8"	x 203.20	121.6
5/8 x 3"	15.9 x 76.20	57.0
x 4"	x 101.60	76.0
x 6"	x 152.40	114.0
x 8"	x 203.20	152.0
x 10"	x 254.00	190.0
x 12"	x 304.80	228.0

Pulg.	mm.	kg x pza. 6mts.
3/4 x 1" 1/2	19.1 x 38.10	34.2
x 2"	x 50.80	7.69
x 2" 1/2	x 63.50	57.0
x 3"	x 76.20	68.5
x 4"	x 101.60	91.2
x 6"	x 152.40	136.8
x 8"	x 203.20	182.4
x 10"	x 254.00	228.0
x 12"	x 304.80	273.5
1" x 2"	x 50.80	61.0
x 3"	x 76.20	91.2
x 4"	x 101.60	121.6
x 6"	x 152.40	182.4
x 8"	x 203.20	243.2
x 10"	x 254.00	303.8
x 12"	x 304.80	365.6

SOLERAS CORTADAS DE LÁMINA

Pulg.	mm.	kg x mts.
1/8 x 1/2	3.2 x 12.7	0.317
1/8 x 3/4	3.2 x 19.1	0.474
1/8 x 1"	3.2 x 25.4	0.633
1" 1/4	3.2 x 31.7	0.791
1" 1/2	3.2 x 38.1	0.950
3/16 x 1/2	3.2 x 12.7	0.474

SOLERAS PASAMANO

KILOS POR METROS 1.900

TE

Pulg.	mm.	kg x mts.
1/8 x 3/4	3.2 x 19.1	0.910
1/8 x 1"	3.2 x 25.4	1.320

ZETA

Pulg.	mm.	kg x mts.
1/8 x 5/8 x 1"	3.2 x 25.4	1.210

REDONDOS Y CUADRADOS

MEDIDAS		KILOS TRAMO DE 6.10 MTS.	
Pulg.	mm.	CUADRADO	REDONDO
3/16	4.8	----	0.9
1/4	6.3	----	1.6
5/16	7.9	----	2.4
3/8	9.5	4.4	3.4
1/2	12.7	7.7	6.2
5/8	15.9	12.2	9.4
3/4	19.1	17.4	13.6
7/8	22.2	----	18.6
1"	25.4	31.2	24.2
1" 1/4	31.7	48.2	37.8
1" 1/2	38.1	69.6	55.0
2"	50.8	123.6	97.0



CUADRADO LIGERO

Pulg.	mm.	kg. x mt.
1/2	12	1.09

ANGULO

Pulg.	mm.	kg. por pieza de 6.10 mts.
1/8 x 3/4	3.2x 19.1	5.2
1"	25.4	7.2
1" 1/4	31.7	9.4
1" 1/2	38.1	11.2
2"	50.80	15.2
3/16 x 1"	4.8x 25.4	10.6
1" 1/4	31.17	13.4
1" 1/2	38.1	16.4
2"	50.8	22.2
2" 1/2	63.5	28.0
3"	76.2	36.4
1/4 x 1"	6.3x 25.4	13.6
1" 1/4	31.7	17.4
1" 1/2	38.1	21.2
2"	50.8	29.0
2" 1/2	63.5	37.2
3"	76.2	44.4
4"	101.6	60.2
5/16 x 2"	7.9x 50.8	35.6
2" 1/2	63.5	45.4
3"	76.2	55.4
4"	101.6	74.4
3/8 x 2"	9.5x 50.8	42.6
2" 1/2	63.5	53.6
3"	76.2	65.4
4"	101.6	89.0
6"	152.4	135.2
1/2 x 3"	12.7x 76.2	85.4
4"	101.6	115.8
6"	152.4	178.0

LADOS DESIGUALES

Pulg.	mm.	kg. por pieza de 6.10 mts.
4x6 x 3/8	101.6x152.4x9.5	111.6
1/2	12.7	147.0
5/8	15.9	181.6
3/4	19.1	214.2

OFICINAS GENERALES

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VIGUETAS

VAGUETA ALUMINIO DORADA

Pulg.	mm.	kg x mt.	medida	tipo	grs. x pieza	largo m	pza. x paq.
3	76.2	8.48	1/2"	I	230 A 260	6.0	100
4	101.6	11.46	1/2"	II	290 A 320	6.0	100
6	152.4	18.60	1/2"	III	350 A 380	6.0	100
8	203.2	27.38	1/2"	IV	410 A 430	6.0	100

Canales C.P.S.

Varilla Corrugada

Pulg.	mm.	Peso kg/mt	Patín Ancho mm.	Patín Espesor mm	Espesor Alma mm
3"	76.2	6.10	36	7	4
4"	101.0	8.04	40	8	5
6"	152.4	12.20	49	9	5
		15.63	52	9	8
		19.35	55	9	11
8"	203.2	17.11	57	10	6
		20.46	60	10	8
		27.90	64	10	12
10"	254.0	22.76	66	11	6
		29.76	70	11	10
		37.20	73	11	13
12"	204.8	44.64	73	11	17
		30.60	75	13	7
		37.20	77	13	10
		44.64	81	13	13

Número	Espesor Medida Pulg.	Medida mm.	Peso xPza. de 12 mts.	Peso xPza. de 12 mts.
3	3/8	9.5	6.72	149
4	1/2	12.7	11.93	84
5	5/8	15.9	18.62	54
6	3/4	19.1	26.82	37
8	1"	25.4	47.68	21
10	1 1/4"	31.7	74.79	14
12	1 1/2"	38.1	107.26	10

CARAMELO

TIRA DE CORTINA

Pulg. mm. kg/mt.

3/8	9.5	0.712
1/2	12.7	1.266
5/8	15.9	1.978
3/4	19.1	2.849
1"	25.4	5.065

Cal. 24	2.05 mts.
Cal. 24	2.55 mts.
Cal. 24	3.05 mts.
Cal. 24	3.55 mts.
Cal. 24	4.05 mts.
Cal. 24	4.55 mts.
Cal. 24	5.05 mts.
Cal. 24	5.55 mts.
Cal. 24	6.10 mts.

VIGA IPS

PERALTE

ANCHO PATÍN

PESO

Pulg.	mm.	Pulg.	mm.	kg./mt.	Tramo de 6.10
3	76.2	2.33	59	8.48	51.73
4	101.6	2.66	68	11.46	69.91
6	152.4	3.33	85	18.60	13.46
8	203.2	3.54	90	27.38	167.02

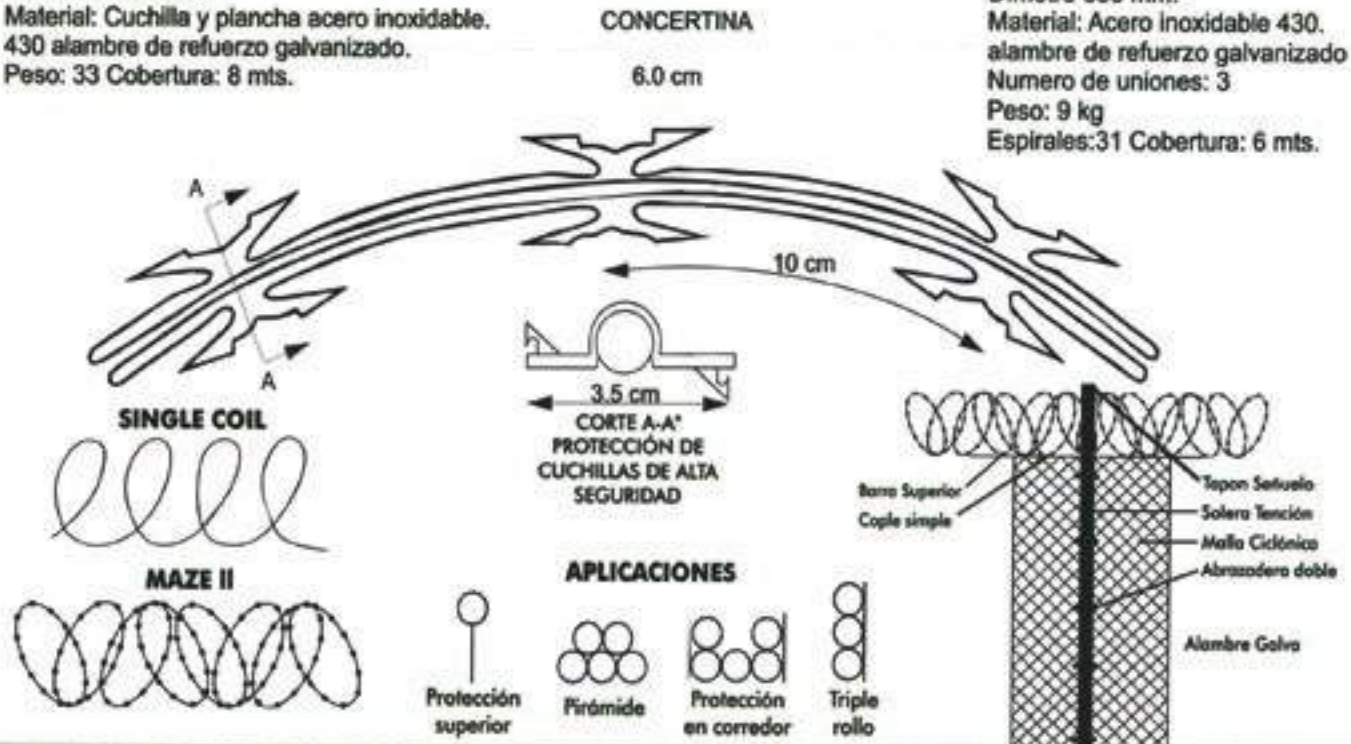
ARPONES

ARPÓN CON FILOS BISTURÍ

Diámetro: 483 mm.
Material: Cuchilla y plancha acero inoxidable.
430 alambre de refuerzo galvanizado.
Peso: 33 Cobertura: 8 mts.

ARPÓN CON FILOS BISTURÍ

Diámetro 635 mm.
Material: Acero inoxidable 430.
alambre de refuerzo galvanizado
Numero de uniones: 3
Peso: 9 kg
Espirales: 31 Cobertura: 6 mts.

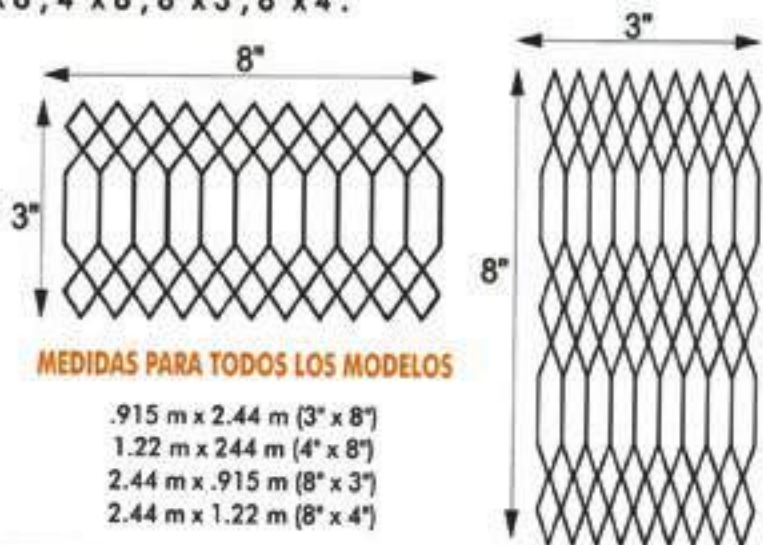


REJACERO

Se surte en hojas tamaño estándar, las cuales facilitan su aplicación en los más diversos usos. Las hojas se ofrecen en las siguientes medidas: 3" x 8", 4" x 8", 8" x 3", 8" x 4".

ESPECIFICACIONES

MODELO	ANCHO mm	LARGO mm	PESO kg/m ²
Andaluz	30	80	
Barroco	25	100	
Catalán	27	100	
Clásico	25	133	
Florentino	40	133	
Gótico	25	100	
Granada	25	140	
Inglés	33	100	
Pacífico	38	76	
Romano	27	100	



DIMENSIONES Y PESOS DE TUBERÍA DE ACERO AL CARBÓN SIN Y CON COSTURA Y OTROS MATERIALES

DIÁMETRO NORMAL	DIÁMETRO EXTERIOR PULGADAS	ESPESOR	PESO LBS/PI		CEDULA	DIÁMETRO EXTERIOR MTS	ESPESOR	PESO KGS/MTS
1/8"	0.405	0.068	0.24	STD	40	10.3	1.73	0.36
1/8"	0.405	0.095	0.31	XS	80	10.3	2.41	0.47
1/4"	0.540	0.086	0.42	STD	40	13.7	2.24	0.63
1/4"	0.540	0.119	0.54	XS	80	13.7	3.02	0.80
3/8"	0.675	0.091	0.57	STD	40	17.1	3.31	0.64
3/8"	0.675	0.126	0.74	XS	80	17.1	3.20	1.10
1/2"	0.840	0.109	0.85	STD	40	21.3	2.77	1.27
1/2"	0.840	0.147	1.09	XS	80	21.3	3.73	1.82
1/2"	0.840	0.188	1.31	----	160	21.3	4.78	1.95
1/2"	0.840	0.294	1.71	XXS	----	21.3	7.47	2.55
3/4"	1.050	0.113	1.13	STD	40	26.7	2.87	1.09
3/4"	1.050	0.154	1.47	XS	80	26.7	3.91	2.20
3/4"	1.050	0.218	1.94	----	160	26.7	5.56	2.90
3/4"	1.050	0.308	2.44	XXS	----	26.7	7.82	3.64
1"	1.315	0.133	1.68	STD	40	33.4	3.38	2.50
1"	1.315	0.179	2.17	XS	80	33.4	4.55	3.24
1"	1.315	0.250	2.84	----	160	33.4	6.35	4.24
1"	1.315	0.358	3.66	XXS	----	33.4	9.09	5.45
1 1/4"	1.660	0.140	2.27	STD	40	42.2	3.56	3.39
1 1/4"	1.660	0.119	3.00	XS	80	42.2	4.85	4.47
1 1/4"	1.660	0.250	3.76	----	160	42.2	4.55	5.61
1 1/4"	1.660	0.382	5.21	XXS	----	42.2	9.70	7.77
1 1/2"	1.900	0.145	7.72	STD	40	48.3	3.68	4.05
1 1/2"	1.900	0.200	3.63	XS	80	48.3	5.08	5.41
1 1/2"	1.900	0.281	4.86	----	160	48.3	7.14	7.25
1 1/2"	1.900	0.400	6.41	XXS	----	48.3	10.15	9.56
2"	2.375	0.154	3.65	STD	40	60.3	3.91	5.44
2"	2.375	0.218	5.02	XS	80	60.3	5.54	7.48
2"	2.375	0.344	7.46	----	160	60.3	8.74	11.11
2"	2.375	0.436	9.03	XXS	----	60.3	11.07	13.44
2 1/2"	2.875	0.203	5.79	STD	40	73.0	5.16	8.83
2 1/2"	2.875	0.276	7.66	XS	80	73.0	7.01	11.41
2 1/2"	2.875	0.375	10.01	----	160	73.0	9.53	14.90
2 1/2"	2.875	0.552	13.69	XXS	----	73.0	14.02	20.39
3"	3.500	0.216	7.58	STD	40	88.9	5.40	11.29
3"	3.500	0.300	10.25	XS	80	88.9	7.62	15.27
3"	3.500	0.438	14.32	----	160	88.9	11.13	21.35
3"	3.500	0.800	18.56	XXS	----	88.9	15.24	27.65

DIMENSIONES Y PESOS DE TUBERÍA DE ACERO AL CARBÓN SIN Y CON COSTURA Y OTROS MATERIALES

DIÁMETRO NORMAL	DIÁMETRO EXTERIOR PULGADAS	ESPESOR	PESO LBS/PH		CEDULA	DIÁMETRO EXTERIOR MTS	ESPESOR	PESO KGS/MTS
3" 1/2	4.000	0.324	9.11	STD	40	101.4	5.74	13.97
3" 1/2	4.000	0.378	12.50	XS	80	101.4	8.05	18.63
4"	4.500	0.237	10.79	STD	40	114.3	6.02	16.07
4"	4.500	0.337	14.98	XS	80	114.3	8.55	22.97
4"	4.500	0.458	19.00	----	120	114.3	11.13	28.32
4"	4.500	0.531	22.51	----	160	114.3	13.40	33.54
4"	4.500	0.674	27.54	XXS	----	114.3	17.12	41.39
5"	5.563	0.258	14.52	STD	40	141.3	6.55	21.71
5"	5.563	0.325	20.78	XS	80	141.3	9.53	30.97
5"	5.563	0.500	27.04	----	120	141.3	12.70	40.28
5"	5.563	0.625	32.96	----	160	141.3	15.88	40.11
5"	5.563	0.750	38.55	XXS	----	141.3	19.05	57.43
6"	6.825	0.250	17.00	----	----	168.3	6.35	25.40
6"	6.825	0.280	18.97	STD	40	168.3	7.11	28.26
6"	6.825	0.432	25.57	XS	80	168.3	10.97	42.56
6"	6.825	0.532	36.39	----	120	168.3	14.27	54.20
6"	6.825	0.759	45.35	----	160	168.3	18.26	67.55
6"	6.825	0.864	53.16	XXS	----	168.3	21.95	79.22
8"	8.625	0.250	22.36	----	20	219.1	6.35	33.31
8"	8.625	0.277	24.70	----	30	219.1	7.04	38.81
8"	8.625	0.322	25.55	STD	40	219.1	8.18	42.55
8"	8.625	0.406	35.64	----	60	219.1	10.31	53.08
8"	8.625	0.500	43.39	XS	80	219.1	12.70	54.64
8"	8.625	0.594	50.95	----	100	219.1	15.09	75.92
8"	8.625	0.719	63.71	----	120	219.1	18.26	90.44
8"	8.625	0.812	67.75	----	140	219.1	20.62	100.92
8"	8.625	0.875	72.42	XXS	----	219.1	22.23	107.27
8"	8.625	0.906	74.59	----	160	219.1	23.01	111.27
10"	10.750	0.250	28.04	----	20	273.1	6.35	41.77
10"	10.750	0.307	34.24	----	30	273.1	7.80	51.03
10"	10.750	0.365	40.48	STD	40	273.1	9.27	60.31
10"	10.750	0.500	54.74	XS	60	273.1	12.70	81.55
10"	10.750	0.594	63.43	----	80	273.1	15.09	95.01
10"	10.750	0.719	71.03	----	100	273.1	18.26	114.75
10"	10.750	0.844	99.29	----	120	273.1	21.44	103.08
10"	10.750	1.000	104.13	XXS	140	273.1	26.40	155.15
10"	10.750	1.125	115.64	----	160	273.1	28.58	172.33
12"	12.750	0.250	33.38	----	20	323.9	6.35	6.35
12"	12.750	0.330	43.77	----	30	323.9	8.38	8.38
12"	12.750	0.375	49.66	STD	----	323.9	9.53	9.53
12"	12.750	0.406	53.52	----	40	323.9	10.31	10.31
12"	12.750	0.500	65.42	XS	----	323.9	12.70	12.70
12"	12.750	0.562	73.15	----	60	323.9	14.27	14.27
12"	12.750	0.888	88.63	----	80	323.9	17.48	17.44
12"	12.750	0.844	107.49	----	100	323.9	21.44	21.44
12"	12.750	1.000	125.40	XXS	120	323.9	25.40	25.40
12"	12.750	1.125	138.67	----	140	323.9	20.58	20.58
12"	12.750	1.312	103.27	----	160	323.9	33.32	33.32

DIMENSIONES Y PESOS DE TUBERÍA DE ACERO AL CARBÓN SIN Y CON COSTURA Y OTROS MATERIALES

DIÁMETRO NORMAL	DIÁMETRO EXTERIOR PULGADAS	ESPESOR	PESO LBS./PH		CEDULA	DIÁMETRO EXTERIOR MTS	ESPESOR	PESO KGS/MTS
14"	14.00	0.250	36.71	----	10	355.6	6.30	54.88
14"	14.00	0.312	45.61	----	20	355.6	7.92	67.50
14"	14.00	0.375	54.57	STD	30	355.6	9.53	81.33
14"	14.00	0.438	63.44	----	40	355.6	11.13	94.65
14"	14.00	0.500	72.09	XS	----	355.6	12.10	107.99
14"	14.00	0.594	85.05	----	60	355.6	15.00	126.71
14"	14.00	0.750	106.13	----	80	355.6	19.00	158.49
14"	14.00	0.938	130.85	----	100	355.6	23.83	154.56
14"	14.00	1.094	150.79	----	120	355.6	27.70	224.56
14"	14.00	1.250	170.21	----	140	355.6	31.75	253.56
14"	14.00	1.406	189.11	----	160	355.6	35.71	281.75
16"	16.00	0.250	42.05	----	10	406.4	6.30	62.54
16"	16.00	0.312	52.27	----	20	406.4	7.92	77.53
16"	16.00	0.375	62.58	STD	30	406.4	9.53	93.27
16"	16.00	0.500	82.77	XS	40	406.4	12.70	123.30
16"	16.00	0.656	107.50	----	60	406.4	18.66	160.12
16"	16.00	0.844	135.61	----	80	406.4	21.44	203.53
16"	16.00	1.031	164.82	----	100	406.4	26.19	245.56
16"	16.00	1.219	192.43	----	120	406.4	30.96	286.64
16"	16.00	1.488	223.64	----	140	406.4	36.53	333.19
16"	16.00	1.594	254.25	----	160	406.4	40.49	365.35
18"	18.00	0.250	47.39	----	10	457.0	6.30	70.57
18"	18.00	0.312	58.94	----	20	457.0	7.92	87.71
18"	18.00	0.375	70.59	STD	----	457.0	9.53	105.16
18"	18.00	0.438	82.15	----	30	457.0	11.13	122.38
18"	18.00	0.500	93.45	XS	----	457.0	12.70	139.15
18"	18.00	0.562	104.87	----	40	457.0	14.21	165.80
18"	18.00	0.750	138.17	----	60	457.0	19.06	206.74
18"	18.00	0.938	170.92	----	80	457.0	23.83	254.55
18"	18.00	1.156	207.98	----	100	457.0	29.36	309.62
18"	18.00	1.375	204.14	----	120	457.0	34.93	385.56
18"	18.00	1.562	274.22	----	140	457.0	39.67	408.25
18"	18.00	1.781	308.50	----	160	457.0	45.24	450.37
20"	20.00	0.250	52.73	----	10	508.0	6.35	78.55
20"	20.00	0.375	76.60	STD	20	508.0	9.53	117.02
20"	20.00	0.500	104.13	XS	30	508.0	12.20	155.12
20"	20.00	0.594	123.11	----	40	508.0	15.09	183.42
20"	20.00	0.812	166.40	----	60	508.0	20.62	247.83
20"	20.00	1.031	208.87	----	80	508.0	26.19	311.17
20"	20.00	1.281	256.10	----	100	508.0	32.54	381.53
20"	20.00	1.500	295.37	----	120	508.0	38.10	441.49
20"	20.00	1.750	341.09	----	140	508.0	44.45	508.11
20"	20.00	1.960	379.17	----	160	508.0	50.01	564.81
24"	24.00	0.250	63.41	----	10	610.0	6.35	94.53
24"	24.00	0.375	94.62	STD	20	610.0	9.53	141.12
24"	24.00	0.500	125.49	XS	----	610.0	12.70	187.06
24"	24.00	0.562	141.00	----	30	610.0	14.27	209.53
24"	24.00	0.688	171.29	----	40	610.0	17.42	255.41
24"	24.00	0.969	238.35	----	60	610.0	24.61	365.26
24"	24.00	1.219	298.58	----	80	610.0	30.86	442.08
24"	24.00	1.250	303.71	----	----	610.0	31.15	452.74
24"	24.00	1.531	367.39	----	100	610.0	38.89	517.71
24"	24.00	1.812	429.39	----	120	610.0	44.02	648.03
24"	24.00	2.062	403.12	----	140	610.0	52.37	720.15

VIGAS IPR



DIMENSIONES PULGADAS	PESO APROX. LB/ FT KG/ MT		DIMENSIONES EN MM				
			PERALTE EXTERIOR A	PERALTE INTERIOR B	ESPESOR PERALTE C	ANCHO PATIN D	ESPESOR PATIN E
4X4	13	19.3	106	88	7.1	103	8.8
5X5	16	23.8	127	109	6.1	127	9.1
5X5	19	28.3	131	109	6.9	128	10.9
6X4	8.5	12.6	152	140	4.5	100	4.6
6X4	9	13.5	150	139	4.3	100	5.5
6X4	12	17.9	153	138	5.8	102	7.1
6X4	16	23.8	160	139	6.6	102	10.3
6X6	15	22.3	152	139	5.8	152	6.6
6X6	20	29.8	157	138	6.6	153	9.3
6X6	25	37.2	162	139	8.1	154	11.6
8X4	10	14.9	200	190	4.3	100	5.2
8X4	13	19.3	203	190	5.8	102	6.5
8X4	15	22.3	206	190	6.2	102	8.0
8X5 1/4"	18	26.8	207	190	5.8	133	8.4
8X5 1/4"	21	31.3	210	181	6.4	134	10.2
8X6 1/2"	24	35.7	201	181	6.2	201	10.2
8X6 1/2"	28	41.7	205	181	7.2	205	11.8
8X8	31	46.1	203	181	7.2	203	11.0
8X8	35	52.1	206	182	7.9	204	12.6
8X8	40	59.5	210	181	9.1	205	14.2
8X8	48	71.4	216	181	10.2	206	17.4
8X8	58	86.3	222	182	13.0	209	20.6
8X8	67	99.7	229	240	14.5	210	23.7
10X4	12	17.9	251	240	4.8	101	5.3
10X4	15	22.3	254	240	5.8	102	6.9
10X4	17	25.3	257	240	6.1	102	8.4
10X4	19	28.3	260	240	6.4	102	10.0
10X5 3/4"	22	32.7	258	240	6.1	146	9.1
10X5 3/4"	26	38.7	262	240	6.6	147	11.2
10X5 3/4"	30	44.6	266	225	7.4	147	13.0
10X8	33	49.1	247	225	8.0	202	11.0
10X8	39	58.0	252	226	8.9	203	13.5
10X10	45	67.0	257	225	8.6	204	15.7
10X10	49	72.9	253	225	9.4	254	14.2
10X10	54	80.4	256			255	15.6

VIGAS IPR



DIMENSIONES EN MM

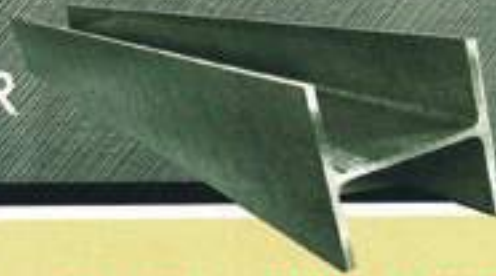
DIMENSIONES PULGADAS	PESO APROX.		PERALTE EXTERIOR A	PERALTE INTERIOR B	ESPESOR PERALTE C	ANCHO PATIN D	ESPESOR PATIN E
	LB/ FT	KG/ MT					
10X10	60	89.3	260	225	10.7	256	17.3
10X10	68	101	264	225	11.9	257	19.6
10X10	77	115	269	225	13.5	259	22.1
10X10	88	131	275	225	15.4	261	25.1
10X10	100	149	282	225	17.3	263	28.4
10X10	112	167	289	225	19.2	265	31.8
12X4	14	20.8	303	292	5.1	101	5.7
12X4	16	23.8	305	292	5.6	101	6.7
12X4	19	28.3	309	291	6.0	102	6.9
12X4	22	32.7	313	291	6.6	102	10.8
12X6	26	38.7	310	291	5.8	165	9.7
12 X 6 1/2	30	44.6	313	291	6.6	166	11.2
12 X 6 1/2	35	52.1	317	291	7.6	167	13.2
12 X 6 1/2	40	59.5	303	277	7.5	203	13.1
12X8	45	67.0	306	277	8.5	204	14.6
12X8	50	74.4	310	277	9.4	205	16.3
12X8	53	78.9	206	277	8.8	254	14.6
12X12	58	86.3	310	277	9.1	254	16.3
12X12	65	96.7	308	277	9.9	305	15.4
12X12	72	107	311	277	10.9	306	17.0
12X12	79	118	314	277	11.9	307	18.7
12X12	87	129	318	277	13.1	308	20.6
12X12	96	143	323	277	14.0	309	22.9
12X12	106	158	327	277	15.5	310	25.1
12X12	120	179	333	277	18.0	313	28.1
12X12	136	202	341	277	20.1	315	31.8
12X12	152	226	348	277	22.1	317	35.6
12X12	170	253	356	277	24.4	319	39.6
12X12	190	283	365	277	26.9	322	44.1
12X12	210	313	374	277	30.0	325	48.3
12X12	230	342	382	277	32.6	328	52.6
12X12	252	375	392	277	36.0	332	58.0
12X12	279	415	400	277	38.0	335	64.0
12X12	305	454					
12X12	336	500					

VIGAS IPR



DIMENSIONES PULGADAS	PESO APROX. LB/ FT KG/ MT		DIMENSIONES EN MM				
			PERALTE EXTERIOR	PERALTE INTERIOR	ESPESOR PERALTE	ANCHO PATIN	ESPESOR PATIN
			A	B	C	D	E
14X5	22	32.7	349	332	5.8	127	8.5
14X5	26	38.7	353	332	6.5	128	10.7
14X6 3/4	30	44.6	352	332	6.9	171	9.8
14X6 3/4*	34	50.6	355	332	7.2	171	10.6
14X6 3/4*	38	56.6	358	332	7.9	172	13.1
14X8	43	64	347	320	7.7	203	13.5
14X8	48	71.4	350	320	8.6	204	15.1
14X8	53	78.9	354	320	9.4	205	16.8
14X10	61	90.8	353	320	9.5	254	16.4
14X10	68	101	357	320	10.5	255	18.3
14X10	74	110	360	320	11.4	256	19.9
14X10	82	122	363	320	13.0	257	21.7
14X14 1/2*	90	134	356	320	11.2	369	18.0
14X14 1/2*	99	147	360	320	12.3	370	19.8
14X14 1/2*	109	167	364	320	13.3	371	21.8
14X14 1/2*	120	179	368	320	15.0	373	23.9
14X14 1/2*	132	196	372	320	16.4	374	26.2
14X16	145	216	375	320	17.3	394	27.7
14X16	159	237	380	320	18.9	395	30.2
14X16	176	262	387	320	21.1	398	33.3
14X16	193	287	393	320	22.6	399	36.6
14X16	211	314	399	320	24.9	401	39.6
14X16	233	347	407	320	27.2	404	43.7
14X16	257	382	416	320	29.8	406	48.0
14X16	283	421	425	320	32.8	409	52.6
14X16	311	463	435	320	35.8	412	57.4
14X16	342	509	446	321	39.1	416	62.7
14X16	370	551	455	320	45.0	418	67.6
14X16	398	592	465	320	47.6	421	72.3
14X16	426	634	474	320	51.2	424	77.1
14X16	455	677	483	320	55.6	428	81.5
14X16	500	744	498	320	60.5	432	88.9
14X16	550	818	514	320	65.9	437	97.0
14X16	605	900	531	319	71.9	442	106.0
14X16	665	990	550	320		448	115.0

VIGAS IPR



DIMENSIONES EN MM

DIMENSIONES PULGADAS	PESO APROX.		PERALTE EXTERIOR A	PERALTE INTERIOR B	ESPESOR PERALTE C	ANCHO PATIN D	ESPESOR PATIN E
	LB/ FT	KG/ MT					
14X16	730	1086	569	319	78.0	454	125.0
16X5 1/2"	26	39	399	381	6.4	140	8.0
16X5 1/2"	31	46	403	381	78.0	140	11.2
16X7	36	53.6	403	381	6.4	177	10.9
16X7	40	59.5	407	381	7.0	178	12.8
16X7	45	67	410	381	7.5	179	14.4
16X7	50	74.4	413	381	7.7	180	16.0
16X7	57	84.8	417	381	8.8	181	18.2
16X10 1/4"	67	100	415	381	9.7	260	16.9
16X10 1/4"	77	115	420	381	10.9	261	19.3
16X10 1/4"	89	132	425	381	10.0	263	22.2
16X10 1/4"	100	149	431	381	11.6	265	25.0
18X6	35	52.1	450	428	13.3	152	10.8
18X6	40	59.5	455	428	14.9	153	13.3
18X6	46	68.5	459	428	7.6	154	15.4
18X7 1/2"	41	61	455	430	8.0	190	12.0
18X7 1/2"	45	67	458	432	9.1	190	12.3
18X7 1/2"	50	74.4	457	428	8.4	190	14.5
18X7 1/2"	55	81.8	460	428	8.7	191	16.0
18X7 1/2"	60	89.3	463	428	9.0	192	17.7
18X7 1/2"	65	96.7	466	428	9.9	193	19.0
18X7 1/2"	71	106	469	428	10.5	194	20.6
18X11	76	112	463	428	11.4	280	17.3
18X11	86	128	467	428	12.6	282	19.6
18X11	97	144	472	428	10.8	283	22.1
18X11	106	158	476	428	12.2	284	23.9
18X11	119	177	482	428	13.6	286	26.9
18X11	130	193	489	428	15.0	283	30.5
18X11	143	213	495	428	16.6	285	33.5
18X11	158	235	501	428	17.0	287	36.6
18X11	175	260	509	428	18.5	289	40.4
18X11	192	286	519	428	20.6	293	45.0
18X11	211	314			22.6		
18X11	234	348			22.8		
18X11	258	384					

VIGAS IPR



DIMENSIONES PULGADAS	PESO APROX.		DIMENSIONES EN MM				
	LB/ FT	KG/ MT	PERALTE EXTERIOR A	PERALTE INTERIOR B	ESPESOR PERALTE C	ANCHO PATIN D	ESPESOR PATIN E
18X11	283	421					
18X11	311	463					
21X6 1/2	44	65.5	525	502	8.9	165	11.4
21X6 1/2"	50	74.4	529	502	9,7	166	13.6
21X6 1/2"	57	84.8	535	502	10,3	166	16.5
21X8 1/4"	48	71.4	522	500	8.2	208	11.9
21X8 1/4"	55	81.8					
21X8 1/4"	62	92.3	533	502	10.2	209	15.6
21X8 1/4"	68	101	537	502	10.9	210	17.4
21X8 1/4"	73	109	539	501	11.6	211	18,8
21X8 1/4"	83	124	544	502	13.1	212	21.2
21X8 1/4"	93	138	549	502	14.7	214	23.6
21X12 1/4"	101	150	543	502	12.7	312	20.3
21X12 1/4"	111	165	546	502	14.0	313	22.2
21X12 1/2"	122	182	551	502	15.2	315	24.4
21X12 1/2"	132	196	554	501	16.5	316	26.3
21X12 1/2"	147	219	560	502	18.3	318	29.2
21X12 1/2"	166	247	571	502	19.0	315	34.5
21X12 1/2"	182	271	577	502	21.1	318	37.6
21X12 1/2"	201	299	585	502	23.1	319	41.4
21X12 1/2"	223	332					
21X12 1/2"	248	369					
21X12 1/2"	275	409					
24X7	55	81.8	599	573	10.0	178	12.8
24X7	62	92.3	603	573	10.9	179	15.0
24X9	56	83.3	599	573	9.0	228	13.0
24X9	61	90.8					
24X9	68	101	603	573	10.5	228	14.9
24X9	76	113	608	573	11.2	228	17.3
24X9	84	125	612	573	11.9	229	19.6
24X9	94	140	617	573	13.1	230	22.2
24X9	103	153	623	573	14.0	229	24.9
24X12 3/4"	104	155	611	573	12.7	324	19.0
24X12 3/4"	117	174	616	573	14.0	325	21.6
24X12 3/4"	131	195	622	573	15.4	327	24.4

VIGAS IPR



DIMENSIONES EN MM

DIMENSIONES PULGADAS	PESO APROX.		PERALTE EXTERIOR A	PERALTE INTERIOR B	ESPESOR PERALTE C	ANCHO PATIN D	ESPESOR PATIN E
	LB/ FT	KG/ MT					
24X12 3/4"	146	217	628	573	16.5	328	27.7
24X12 3/4"	162	241	635	573	17.1	329	31.0
24X12 3/4"	176	262	641	573	19.0	327	34.0
24X12 3/4"	192	286	647	573	20.6	329	37.1
24X12 3/4"	207	308	660	573	22.0	333	39.0
24X12 3/4"	229	341	661	573	24.4	333	43.9
24X12 3/4"	250	372	670	573	26.6	335	47.5
24X12 3/4"	279	415	679	573	29.5	338	53.1
24X12 3/4"	306	455	689	573	32.0	340	57.9
24X12 3/4"	335	499	699	573	35.1	343	63.0
24X12 3/4"	370	551	711	573	38.6	347	69.1
27X10	84	125	678	645	11.7	253	16.3
27X10	94	140	684	646	12.4	254	18.9
27X10	102	152	688	646	13.1	254	21.1
27X10	114	170	693	646	14.5	256	23.6
27X10	129	192	702	646	15.5	254	27.9
27X14	146	217	700	650	15.0	258	25.3
27X14	161	240					
27X14	178	265	707	647	19.0	362	30.0
27X14	194	289	716	645	19.0	358	33.0
27X14	217	323	727	650	21.0	361	38.9
27X14	235	350	728	647	23.0	362	41.0
27X14	258	384	733	647	25.0	364	44.0
27X14	281	418	745	648	28.0	365	49.0
27X14	307	457	753	648	30.0	368	53.0
27X14	336	500	762	649	32.0	370	57.0
27X14	368	548	772	647	33.0	370	61.0
30X10 1/2"	90	134	746	716	11.9	265	14.9
30X10 1/2"	99	147	753	719	13.2	265	17.0
30X10 1/2"	108	161	758	719	13.8	266	19.3
30X10 1/2"	116	173	762	719	14.4	267	21.6
30X10 1/2"	124	185	766	719	14.9	267	23.6
30X10 1/2"	132	196	77	719	15.6	268	25.4
30X10 1/2"	148	220	779	719	16.5	266	30.0
30X15	173	257	772	722	16.6	390	25.4

VIGAS IPR



DIMENSIONES PULGADAS	PESO APROX. LB/ FT KG/ MT		DIMENSIONES EN MM				
			PERALTE EXTERIOR	PERALTE INTERIOR	ESPESOR PERALTE	ANCHO PATIN	ESPESOR PATIN
			A	B	C	D	E
30X15	146	217	628	573	16.5	328	27.7
30X15	162	241	635	573	17.1	329	31.0
30X15	176	262	641	573	19.0	327	34.0
30X15	192	286	647	573	20.6	329	37.1
30X15	207	308	660	573	22.0	333	39.0
30X15	229	341	661	573	24.4	333	43.9
30X15	250	372	670	573	26.6	335	47.5
30X15	279	415	679	573	29.5	338	53.1
33X11 1/2"	306	455	689	573	32.0	340	57.9
33X11 1/2"	335	499	699	573	35.1	343	63.0
33X11 1/2"	370	551	711	573	38.6	347	69.1
33X11 1/2"	84	125	678	645	11.7	253	16.3
33X11 1/2"	94	140	684	646	12.4	254	18.9
33X15 3/4"	102	152	688	646	13.1	254	21.1
33X15 3/4"	114	170	693	646	14.5	256	23.6
33X15 3/4"	129	192	702	646	15.5	254	27.9
33X15 3/4"	146	217	700	650	15.0	258	25.3
33X15 3/4"	161	240					
33X15 3/4"	178	265	707	647	19.0	362	30.0
33X15 3/4"	194	289	716	645	19.0	358	33.0
33X15 3/4"	217	323	727	650	21.0	361	38.9
36X12	235	350	728	647	23.0	362	41.0
36X12	258	384	733	647	25.0	364	44.0
36X12	281	418	745	648	28.0	365	49.0
36X12	307	457	753	648	30.0	368	53.0
36X12	336	500	762	649	32.0	370	57.0
36X12	368	548	772	647	33.0	370	61.0
36X12	90	134	746	716	11.9	265	14.9
36X12	99	147	753	719	13.2	265	17.0
36X12	108	161	758	719	13.8	266	19.3
36X16 1/2"	116	173	762	719	14.4	267	21.6
36X16 1/2"	124	185	766	719	14.9	267	23.6
36X16 1/2"	132	196	77	719	15.6	268	25.4
36X16 1/2"	148	220	779	719	16.5	266	30.0
36X16 1/2"	173	257	772	722	16.6	390	25.4

VIGAS IPR



DIMENSIONES EN MM

DIMENSIONES PULGADAS	PESO APROX.		PERALTE EXTERIOR A	PERALTE INTERIOR B	ESPESOR PERALTE C	ANCHO PATIN D	ESPESOR PATIN E
	LB/ FT	KG/ MT					
36X16 1/2"	330	491	957	825	25.9	422	47.0
36X16 1/2"	361	537	965	825	28.4	425	51.1
36X16 1/2"	395	588	976	825	31.0	427	55.9
36X16 1/2"	441	656	987	825	34.5	431	62.0
36X16 1/2"	487	725	999	825	38.1	434	68.1
36X16 1/2"	529	787	1011	825	40.9	437	73.9
36X16 1/2"	652	970	1043	825	50.0	446	89.9
40X12	149	222	970	825	16.0	300	21.1
40X12	167	249	980	928	16.5	300	26.0
40X12	183	272	990	928	16.5	300	31.0
40X12	211	314	1000	928	19.1	300	35.9
40X12	235	350	1008	928	21.1	302	40.0
40X12	249	371					
40X12	264	393	1016	928	24.4	303	43.9
40X12	278	414	1020	928	26.0	304	46.0
40X12	294	438	1026	928	27.0	305	49.0
40X12	327	487					
40X12	331	493	1036	928	31.0	309	54.0
40X12	392	583	1056	928	36.0	314	64.0
40X16	199	296	982	928	16.5	400	27.1
40X16	215	320	990	928	16.5	400	31.0
40X16	249	371	1000	928	19.0	400	36.1
40X16	277	412	1008	928	21.1	402	40.0
40X16	297	442	1012	928	23.6	402	41.9
40X16	324	482	1020	928	25.4	404	46.0
40X16	362	539	1030	928	28.4	407	51.1
40X16	372	554	1032	928	29.5	408	52.0
40X16	397	591	1040	928	31.0	409	55.9
40X16	431	641	1048	928	34.0	412	60.0
40X16	503	749	1068	928	39.0	417	70.0
40X16	593	882	1092	928	45.5	424	82.0
44X16	230	342	1090	1028	18.0	400	31.0
44X16	262	390	1100	1028	20.0	400	36.0
44X16	290	432	1108	1028	22.0	402	40.0
44X16	335	499	1118	1028	26.0	405	45.0



**NUESTROS PRODUCTOS
FORMAN PARTE DE TU VIDA**

**SABEMOS QUE FORMAMOS
PARTE DE ALGO MÁS GRANDE**





**Y TENEMOS UN COMPROMISO:
SUPERAR LAS ESPECTATIVAS
DE NUESTROS CLIENTES**

**NUESTRAS VENTAJAS
SERVICIO, PRECIO
CALIDAD, EXISTENCIA**



**SERVICIO A TODO
EL PAÍS**

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**SADI**
ESTRUCTURALES Y TREFILADOS

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