



NAYACEROS®
Perfiles y Maquinarias

PRODUCTOS, ESPECIFICACIONES Y SERVICIOS

**ACERO Y
TRANSFORMACIÓN**

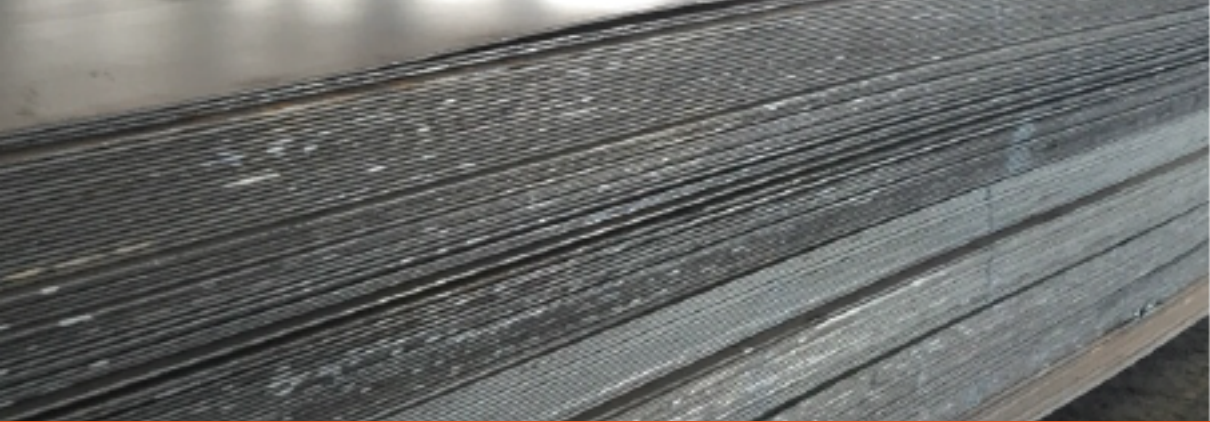


LÁMINA ROLADO CALIENTE

CALIBRE	ESPESOR		KG / HOJA						PESO
	Pulgada	mm.	3' x 8'	3' x 10'	4' x 8'	4' x 10'	5' x 10'	5' x 20'	kg / m2
7	0.180	4.572	81	101	108	135	-----	-----	36.27
8	0.165	4.191	74	93	99	124	155	309	33.25
9	0.150	3.810	67	84	90	112	-----	-----	30.23
10	0.135	3.429	61	76	81	101	126	253	27.20
11	0.120	3.048	54	67	72	90	112	225	24.18
12	0.105	2.667	47	59	63	79	98	197	21.16
13	0.090	2.286	40	51	54	67	-----	-----	18.14
14	0.075	1.905	34	42	45	56	70	140	15.11
16	0.060	1.524	27	34	36	45	-----	-----	12.09

LÁMINA ROLADO EN FRÍO

CALIBRE	ESPESOR		KG / HOJA				PESO
	Pulgada	mm.	3' x 8'	3' x 10'	4' x 8'	4' x 10'	kg / m2
16	0.060	1.524	27	34	36	45	12.09
18	0.048	1.219	22	27	29	36	9.67
20	0.036	0.914	16	20	22	27	7.25
22	0.030	0.762	13	17	18	22	6.05
24	0.024	0.610	11	13	14	18	4.84



PLACA

ESPESOR		PESO		PESO POR PLACA EN KILOS						
PULGADA	mm.	kg / m2	kg/pie2	3' x 8'	3' x 10'	4' x 8'	4' x 10'	5' x 10'	5' x 20'	6' x 20'
3/16	4.8	37.78	4	84	105	112	140	176	351	421
1/4	6.3	50.38	5	112	140	150	187	234	468	562
5/16	7.9	62.97	6	140	176	187	234	293	585	702
3/8	9.5	75.56	7	168	211	225	281	351	702	842
7/16	11.1	88.05	8	---	246	---	---	---	---	983
1/2	12.7	100.75	9	225	281	300	374	468	936	1,123
9/16	14.3	113.24	11	---	316	---	---	---	---	1,264
5/8	15.9	125.94	12	281	351	374	468	585	1,170	1,404
3/4	19.0	151.12	14	337	421	449	562	702	1,404	1,685
7/8	22.2	176.31	16	---	491	---	---	---	---	1,966
1	25.4	201.50	19	449	562	599	749	936	1,872	2,246
1 1/8	28.6	226.69	21	---	632	---	---	---	---	2,527
1 1/4	31.7	251.88	23	562	702	749	936	1,170	2,340	2,808
1 3/8	34.9	277.06	26	---	---	---	---	---	---	---
1 1/2	38.1	302.25	28	674	842	899	1,123	1,404	2,808	3,370
1 5/8	41.3	327.44	30	---	---	---	---	---	---	---
1 3/4	44.4	352.62	33	---	983	---	---	1,872	---	3,931
2	50.8	403.00	37	899	1,123	1,198	1,498	---	3,744	4,493
2 1/4	57.1	453.38	42	---	1,264	---	1,685	---	---	5,054
2 1/2	63.5	503.75	47	---	1,404	---	1,872	---	---	5,616
2 3/4	69.8	554.12	51	---	---	---	---	---	---	---
3	76.2	604.50	56	---	1,685	---	2,246	---	---	6,739

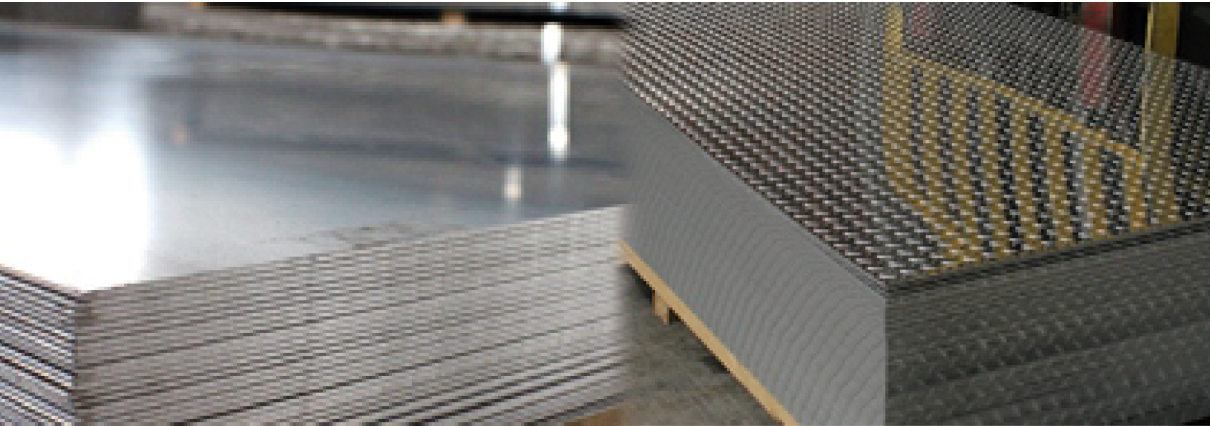


LÁMINA Y PLACA ANTIDERRAPANTE

CALIBRE	ESPESOR		KG / HOJA				PESO
	Pulgada	mm.	3' x 10'	4' x 10'	5' x 10'	5' x 20'	kg / m2
16	0.060	1.524	----	45	----	----	12.09
14	0.075	1.905	51	68	----	----	18.31
12	0.105	2.667	71	95	----	----	25.63
1/8	0.125	3.175	84	112	139	279	30.02
3/16	0.188	4.775	118	158	197	395	42.47
1/4	0.250	6.350	153	204	255	510	54.92
3/8	0.375	9.525	----	297	----	----	79.82

GALVANIZADA LISA

CALIBRE	ESPESOR		KG / M LINEAL		PESO / HOJA (KG)			
	mm.	Pulgada	3'	4'	3' x 8'	3' x 10'	4' x 8'	4' x 10'
14	1.935	0.0762	13.87	18.50	34	42	45	56
16	1.557	0.0613	11.15	14.87	27	34	36	45
18	1.252	0.0493	8.97	11.96	22	27	29	36
20	0.950	0.0374	6.80	9.06	17	21	22	28
22	0.798	0.0314	5.70	7.60	14	17	19	23
24	0.569	0.0224	4.06	5.42	10	12	13	17
26	0.493	0.0194	3.52	4.69	9	11	11	14



CANALES

PERFIL		PESO		ANCHO DEL PATÍN		ESPESOR DEL PATÍN		ESPESOR DEL ALMA	
Pulgada	mm.	kg / m	lbs / ft	Pulgada	mm.	Pulgada	mm.	Pulgada	mm.
3	76.2	5.20	3.50	1.372	35	0.273	6.9	0.132	3.4
		6.10	4.10	1.410	36	0.273	6.9	0.170	4.3
4	101.6	6.70	4.50	1.584	40	0.296	7.5	0.125	3.2
		8.04	5.40	1.584	40	0.296	7.5	0.184	4.7
5	127.0	9.97	6.70	1.750	44	0.320	8.1	0.190	4.8
6	152.4	12.20	8.20	1.920	48	0.343	8.7	0.200	5.1
		15.63	10.50	2.034	51	0.343	8.7	0.314	8.0
		19.35	13.00	2.157	55	0.343	8.7	0.437	11.1
7	177.8	14.60	9.80	2.090	53	0.366	9.3	0.210	5.3
8	203.2	17.11	11.50	2.260	57	0.390	9.9	0.220	5.6
		20.46	13.75	2.343	59	0.390	9.9	0.303	7.7
10	254.0	27.90	18.75	2.527	64	0.390	9.9	0.487	12.4
		22.76	15.30	2.600	65	0.436	11.1	0.240	6.1
		29.76	20.00	2.739	69	0.436	11.1	0.379	9.6
		37.20	25.00	2.886	73	0.436	11.1	0.526	13.4
12	304.8	44.64	30.00	3.033	76	0.436	11.1	0.673	17.1
		30.80	20.70	2.942	74	0.501	12.7	0.282	7.2
		37.20	25.00	3.047	77	0.501	12.7	0.387	9.8
15	381.0	44.64	30.00	3.170	80	0.501	12.7	0.510	13.0
		50.40	33.90	3.400	86	0.650	16.5	0.400	10.2
		59.53	40.00	3.520	89	0.650	16.5	0.520	13.2
		74.50	50.00	3.716	94	0.650	16.5	0.716	18.2

En largos de 6.10 y 12.20 mts.

VIGAS IPS

PERALTE		PESO		ANCHO DEL PATÍN		ESPESOR DEL ALMA	
Pulgada	mm.	kg / m	lb / ft	Pulgada	mm.	Pulgada	mm.
3	76.2	8.48	5.7	2.33	59	0.17	4
4	101.6	11.46	7.7	2.66	68	0.19	5
5	127.0	14.88	10.0	3.00	76	0.21	5
6	152.4	18.60	12.5	3.33	85	0.23	6
8	203.2	27.38	18.4	4.00	102	0.27	7

En largos de 6.10 y 12.20 mts.



VIGAS IPR

DIMENSIONES		PESO		PERALTE		ANCHO DEL PATÍN		ESPESOR DEL PATÍN		ESPESOR DEL ALMA	
Pulgada	mm.	kg / m	lb / ft	Pulgada	mm.	Pulgada	mm.	Pulgada	mm.	Pulgada	mm.
4" x 4"	101.6 x 101.6	19.3	13	4.16	106	4.06	103	0.35	8.9	0.28	7.1
		23.8	16	5.01	127	5.00	127	0.36	9.1	0.24	6.1
		28.3	19	5.15	131	5.03	128	0.43	10.9	0.27	6.9
6" x 4"	152.4 x 101.6	12.7	8.5	5.83	148	3.94	100	0.19	4.8	0.17	4.3
		13.4	9	5.90	150	3.94	100	0.22	5.6	0.17	4.3
		17.9	12	6.03	153	4.00	102	0.28	7.1	0.23	5.8
6" x 6"	152.4 x 152.4	23.8	16	6.28	160	4.03	102	0.41	10.4	0.26	6.6
		22.3	15	5.99	152	5.99	152	0.26	6.6	0.23	5.8
		29.8	20	6.20	157	6.02	153	0.37	9.4	0.26	6.6
8" x 4"	203.2 x 101.6	37.2	25	6.38	162	6.08	154	0.46	11.7	0.32	8.1
		14.9	10	7.89	200	3.94	100	0.21	5.3	0.17	4.3
		19.3	13	7.99	203	4.00	102	0.26	6.6	0.23	5.8
8" x 5 1/4"	203.2 x 133.3	22.3	15	8.11	206	4.02	102	0.32	8.1	0.25	6.3
		26.8	18	8.14	207	5.25	133	0.33	8.4	0.23	5.8
		31.3	21	8.28	210	5.27	134	0.40	10.2	0.25	6.3
8" x 6 1/2"	203.2 x 165.1	35.7	24	7.93	201	6.50	165	0.40	10.2	0.25	6.3
		41.7	28	8.06	205	6.54	166	0.47	11.9	0.29	7.4
		46.1	31	8.00	203	8.00	203	0.44	11.2	0.29	7.4
8" x 8"	203.2 x 203.2	52.1	35	8.12	206	8.02	204	0.50	12.7	0.31	7.9
		59.5	40	8.25	210	8.07	205	0.56	14.2	0.36	9.1
		71.4	48	8.50	216	8.11	206	0.69	17.4	0.40	10.2
10" x 4"	254.0 x 101.6	86.0	58	8.74	222	8.23	209	0.81	20.6	0.51	13.0
		99.0	67	9.02	229	8.27	210	0.93	23.7	0.57	14.5
		17.9	12	9.87	251	3.96	101	0.21	5.3	0.19	4.8
10" x 5 3/4"	254.0 x 146.0	22.3	15	9.99	254	4.00	102	0.27	6.9	0.23	5.8
		25.3	17	10.11	257	4.01	102	0.33	8.4	0.24	6.1
		28.3	19	10.24	260	4.02	102	0.40	10.2	0.25	6.3
10" x 8"	254.0 x 203.2	32.7	22	10.17	258	5.75	146	0.36	9.1	0.24	6.1
		38.7	26	10.33	262	5.77	147	0.44	11.2	0.26	6.6
		44.6	30	10.47	266	5.81	148	0.51	13.0	0.30	7.6
10" x 10"	254.0 x 254.0	49.1	33	9.73	247	7.96	202	0.44	11.2	0.29	7.4
		58.0	39	9.92	252	7.99	203	0.53	13.5	0.32	8.1
		67.0	45	10.10	257	8.02	204	0.62	15.7	0.35	8.9
12" x 4"	304.8 x 101.6	72.9	49	9.98	253	10.00	254	0.56	14.2	0.34	8.6
		80.4	54	10.09	256	10.03	255	0.62	15.7	0.37	9.4
		89.4	60	10.22	260	10.08	256	0.68	17.3	0.42	10.7
12" x 6 1/2"	304.8 x 165.1	101.2	68	10.40	264	10.13	257	0.77	19.6	0.47	11.9
		114.6	77	10.60	269	10.19	259	0.87	22.1	0.53	13.5
		131.1	88	10.84	275	10.26	261	0.99	25.1	0.61	15.4
12" x 8"	304.8 x 203.2	149.0	100	11.10	282	10.35	263	1.12	28.4	0.68	17.3
		167.0	112	11.38	289	10.43	265	1.25	31.8	0.76	19.2
		20.8	14	11.91	303	3.97	101	0.23	5.8	0.20	5.1
12" x 10"	304.8 x 254.0	23.8	16	11.99	305	3.99	101	0.27	6.9	0.22	5.6
		28.3	19	12.16	309	4.01	102	0.35	8.9	0.24	6.1
		32.7	22	12.31	313	4.03	102	0.43	10.9	0.26	6.6
12" x 12"	304.8 x 304.8	38.7	26	12.22	310	6.49	165	0.38	9.7	0.23	5.8
		44.6	30	12.34	313	6.52	166	0.44	11.2	0.26	6.6
		52.1	35	12.50	317	6.56	167	0.52	13.2	0.30	7.6
12" x 14"	304.8 x 354.9	59.5	40	11.94	303	8.01	203	0.52	13.2	0.30	7.6
		67.0	45	12.06	306	8.05	204	0.58	14.7	0.34	8.6
		74.4	50	12.19	310	8.08	205	0.64	16.3	0.37	9.4

VIGAS IPR

DIMENSIONES		PESO		PERALTE		ANCHO DEL PATÍN		ESPESOR DEL PATÍN		ESPESOR DEL ALMA	
Pulgada	mm.	kg / m	lb / ft	Pulgada	mm.	Pulgada	mm.	Pulgada	mm.	Pulgada	mm.
12" x 10"	304.8 x 254.0	78.9	53	12.06	306	10.00	254	0.58	14.7	0.35	8.9
		86.3	58	12.19	310	10.01	254	0.64	16.3	0.36	9.1
12" x 12"	304.8 x 304.8	96.7	65	12.12	308	12.00	305	0.61	15.5	0.39	9.9
		107.1	72	12.25	311	12.04	306	0.67	17.0	0.43	10.9
		117.6	79	12.38	314	12.08	307	0.74	18.8	0.47	11.9
		129.6	87	12.53	318	12.13	308	0.81	20.6	0.52	13.1
		142.9	96	12.71	323	12.16	309	0.90	22.9	0.55	14.0
		157.9	106	12.89	327	12.22	310	0.99	25.1	0.61	15.5
		178.6	120	13.12	333	12.32	313	1.10	28.1	0.71	18.0
		202.4	136	13.41	341	12.40	315	1.25	31.8	0.79	20.1
		226.2	152	13.71	348	12.48	317	1.40	35.6	0.87	22.1
		253.0	170	14.03	356	12.57	319	1.56	39.6	0.96	24.4
14" x 5"	355.6 x 127.0	32.7	22	13.74	349	5.00	127	0.34	8.6	0.23	5.8
14" x 6 3/4"	355.6 x 171.4	38.7	26	13.91	353	5.03	128	0.42	10.7	0.26	6.6
		44.6	30	13.84	352	6.73	171	0.39	9.9	0.27	6.9
		50.6	34	13.98	355	6.75	171	0.46	11.7	0.29	7.4
14" x 8"	355.6 x 203.2	56.5	38	14.10	358	6.77	172	0.52	13.2	0.31	7.9
		64.0	43	13.66	347	8.00	203	0.53	13.5	0.31	7.9
		71.4	48	13.79	350	8.03	204	0.60	15.2	0.34	8.6
14" x 10"	355.6 x 254.0	78.9	53	13.92	354	8.06	205	0.66	16.8	0.37	9.4
		90.8	61	13.89	353	10.00	254	0.65	16.5	0.38	9.7
		101.2	68	14.04	357	10.04	255	0.72	18.3	0.42	10.7
14" x 14 1/2"	355.6 x 368.3	110.1	74	14.17	360	10.07	256	0.79	20.1	0.45	11.4
		122.0	82	14.31	363	10.13	257	0.86	21.8	0.51	13.0
		133.9	90	14.02	356	14.52	369	0.71	18.0	0.44	11.2
		147.3	99	14.16	360	14.57	370	0.78	19.8	0.49	12.4
		162.2	109	14.32	364	14.61	371	0.86	21.8	0.53	13.5
		178.6	120	14.48	368	14.67	373	0.94	23.9	0.59	15.0
		196.4	132	14.66	372	14.73	374	1.03	26.2	0.65	16.5
14" x 16"	355.6 x 406.4	215.8	145	14.78	375	15.50	394	1.09	27.7	0.68	17.3
		236.6	159	14.98	380	15.57	395	1.19	30.2	0.75	19.0
		261.9	176	15.22	387	15.65	398	1.31	33.3	0.83	21.1
		287.2	193	15.48	393	15.71	399	1.44	36.6	0.89	22.6
		314.0	211	15.72	399	15.80	401	1.56	39.6	0.98	24.9
		346.7	233	16.04	407	15.89	404	1.72	43.7	1.07	27.2
		382.4	257	16.38	416	15.99	406	1.89	48.0	1.17	29.7
		421.1	283	16.74	425	16.11	409	2.07	52.6	1.29	32.8
		462.8	311	17.12	434	16.23	412	2.26	57.4	1.41	35.8
		38.7	26	15.69	399	5.50	140	0.35	8.9	0.25	6.3
16" x 5 1/2"	406.4 x 139.7	46.1	31	15.88	403	5.53	140	0.44	11.2	0.28	7.1
16" x 7"	406.4 x 177.8	53.6	36	15.86	403	6.99	178	0.43	10.9	0.30	7.6
		59.5	40	16.01	407	7.00	178	0.51	13.0	0.31	7.9
		67.0	45	16.13	410	7.04	179	0.57	14.5	0.35	8.9
16" x 10 1/4"	406.4 x 260.3	74.4	50	16.26	413	7.07	180	0.63	16.0	0.38	9.7
		84.8	57	16.43	417	7.12	181	0.72	18.3	0.43	10.9
		99.7	67	16.33	415	10.24	260	0.67	17.0	0.40	10.2
		114.6	77	16.52	420	10.30	262	0.76	19.3	0.46	11.7
		132.6	89	16.75	425	10.37	263	0.88	22.2	0.53	13.3
18" x 6"	457.2 x 152.4	149.0	100	16.97	431	10.43	265	0.99	25.0	0.59	14.9
		52.1	35	17.70	450	6.00	152	0.43	10.9	0.30	7.6
		59.5	40	17.90	455	6.02	153	0.53	13.5	0.32	8.1
18" x 7 1/2"	457.2 x 190.5	68.4	46	18.06	459	6.06	154	0.61	15.5	0.36	9.1
		74.4	50	17.99	457	7.50	190	0.57	14.5	0.36	9.1
		81.8	55	18.11	460	7.53	191	0.63	16.0	0.39	9.9
		89.3	60	18.24	463	7.56	192	0.70	17.8	0.42	10.7
		96.7	65	18.35	466	7.59	193	0.75	19.0	0.45	11.4
18" x 11"	457.2 x 279.4	105.6	71	18.47	469	7.64	194	0.81	20.6	0.50	12.7
		113.1	76	18.21	463	11.04	280	0.68	17.3	0.43	10.9
		128.0	86	18.39	467	11.09	282	0.77	19.6	0.48	12.2
		144.3	97	18.59	472	11.15	283	0.87	22.1	0.54	13.7
		157.7	106	18.73	476	11.20	284	0.94	23.9	0.59	15.0
		177.1	119	18.97	482	11.27	286	1.06	26.9	0.66	16.8

VIGAS IPR

DIMENSIONES		PESO		PERALTE		ANCHO DEL PATIN		ESPESOR DEL PATIN		ESPESOR DEL ALMA	
Pulgada	mm.	kg / m	lb / ft	Pulgada	mm.	Pulgada	mm.	Pulgada	mm.	Pulgada	mm.
18" x 11"	457.2 x 279.4	193.5	130	19.25	489	11.16	284	1.20	30.5	0.67	17.0
		212.8	143	19.49	495	11.22	285	1.32	33.5	0.73	18.5
		235.1	158	19.72	501	11.30	287	1.44	36.6	0.81	20.6
		260.0	175	20.04	509	11.38	289	1.59	40.4	0.90	22.6
21" x 6 1/2"	533.4 x 165.1	65.5	44	20.66	525	6.50	165	0.45	11.4	0.35	8.9
		74.4	50	20.83	529	6.53	166	0.54	13.7	0.38	9.7
		84.8	57	21.06	534	6.56	166	0.65	16.5	0.41	10.4
21" x 8 1/4"	533.4 x 209.5	71.5	48	20.63	524	8.15	207	0.43	10.9	0.35	9.0
		92.3	62	20.99	533	8.24	209	0.62	15.7	0.40	10.2
		101.2	68	21.13	537	8.27	210	0.69	17.5	0.43	10.9
		108.7	73	21.24	539	8.30	211	0.74	18.8	0.46	11.6
21" x 12 1/4"	533.4 x 311.1	123.5	83	21.43	544	8.36	212	0.84	21.3	0.52	13.2
		138.4	93	21.62	549	8.42	214	0.93	23.6	0.58	14.7
		150.3	101	21.36	543	12.29	312	0.80	20.3	0.50	12.7
		165.2	111	21.51	546	12.34	313	0.88	22.4	0.55	14.0
		181.5	122	21.68	551	12.39	315	0.96	24.4	0.60	15.2
		196.7	132	21.83	554	12.44	316	1.04	26.3	0.65	16.5
		218.7	147	22.06	560	12.51	318	1.15	29.2	0.72	18.3
24" x 7"	609.6 x 177.8	81.8	55	23.57	599	7.01	178	0.51	13.0	0.40	10.2
		92.3	62	23.74	603	7.04	179	0.59	15.0	0.43	10.9
24" x 9"	609.6 x 228.6	101.2	68	23.73	603	8.97	228	0.59	15.0	0.42	10.7
		113.1	76	23.92	608	8.99	228	0.68	17.3	0.44	11.2
		125.0	84	24.10	612	9.02	229	0.77	19.6	0.47	11.9
		139.9	94	24.31	617	9.07	230	0.88	22.4	0.52	13.2
24" x 12 3/4"	609.6 x 323.8	153.3	103	24.53	623	9.00	229	0.98	24.9	0.55	14.0
		154.8	104	24.06	611	12.75	324	0.75	19.0	0.50	12.7
		174.1	117	24.26	616	12.80	325	0.85	21.6	0.55	14.0
		194.9	131	24.48	622	12.86	327	0.96	24.4	0.61	15.5
		217.3	146	24.74	628	12.90	328	1.09	27.7	0.65	16.5
		241.0	162	25.00	635	12.95	328	1.22	31.0	0.70	17.8
		261.9	176	25.24	641	12.89	327	1.34	34.0	0.75	19.1
		285.0	192	25.47	647	12.95	329	1.46	37.1	0.81	20.6
		306.0	207	25.70	653	13.00	330	1.57	39.9	0.87	22.1
		125.0	84	26.71	678	9.96	253	0.64	16.3	0.46	11.7
27" x 10"	685.8 x 254.0	139.9	94	26.92	684	9.99	254	0.75	19.0	0.49	12.4
		151.8	102	27.09	688	10.02	255	0.83	21.1	0.52	13.2
		169.6	114	27.29	693	10.07	256	0.93	23.6	0.57	14.5
		192.0	129	27.63	702	10.01	254	1.10	27.9	0.61	15.5
		217.3	146	27.38	695	13.97	355	0.98	24.9	0.61	15.5
27" x 14"	658.8 x 355.6	239.6	161	27.59	701	14.02	356	1.08	27.4	0.66	16.8
		265.0	178	27.79	706	14.09	358	1.19	30.2	0.72	18.4
		289.0	194	28.11	714	14.01	356	1.34	34.0	0.75	19.0
		133.9	90	29.53	750	10.40	264	0.61	15.5	0.47	11.9
		147.3	99	29.65	753	10.45	265	0.67	17.0	0.52	13.2
30" x 10 1/2"	762.0 x 266.7	160.7	108	29.83	758	10.48	266	0.76	19.3	0.55	14.0
		172.6	116	30.01	762	10.50	267	0.85	21.6	0.57	14.5
		184.7	124	30.17	766	10.52	267	0.93	23.6	0.59	14.9
		196.4	132	30.31	769	10.54	267	1.00	25.4	0.61	15.5
		220.2	148	30.67	779	10.48	266	1.18	30.0	0.65	16.5
		257.5	173	30.43	773	15.00	381	1.07	27.1	0.66	16.7
30" x 15"	762.0 x 381.0	284.2	191	30.66	779	15.04	382	1.19	30.1	0.71	18.0
		314.0	211	30.94	786	15.12	384	1.31	33.4	0.78	19.7
		175.6	118	32.86	835	11.48	292	0.74	18.8	0.55	14.0
33" x 11 1/2"	838.2 x 292.1	193.4	130	33.09	840	11.51	292	0.86	21.8	0.58	14.7
		209.8	141	33.30	846	11.54	293	0.96	24.4	0.61	15.5
		226.2	152	33.49	850	11.56	293	1.05	26.7	0.63	16.0
33" x 15 3/4"	838.2 x 400.1	299.0	201	33.70	856	15.71	399	1.15	29.2	0.72	18.2
		329.0	221	33.90	861	15.79	401	1.28	32.5	0.77	19.7
		200.9	135	35.55	903	11.95	304	0.79	20.1	0.60	15.2
36" x 12"	914.4 x 304.8	223.2	150	35.85	911	11.98	304	0.94	23.9	0.63	16.0
		238.1	160	36.01	915	12.00	305	1.02	25.9	0.65	16.5
		253.3	170	36.17	918	12.03	306	1.10	27.9	0.68	17.2
		312.5	210	36.69	932	12.18	309	1.36	34.5	0.83	21.1
		343.8	231	36.50	927	16.46	418	1.26	32.0	0.76	19.3
36" x 16 1/2" 40" x 12"	914.4 x 419.1 1016 x 304.8	221.7	149	38.20	970	11.81	300	0.83	21.1	0.63	16.0



ÁNGULOS

Ángulos a 6.10 mts. (20 pies)

ESPESOR	ANCHO	ESPESOR	ANCHO	PESO
Pulgada	mm.			kg / m
.109 x 1	2.8 x 25.4			1.05
x 1 1/4	x 31.7			1.33
x 1 1/2	x 38.1			1.61
1/8 x 3/4	3.2 x 19.0			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			2.20
x 1 1/2	x 38.1			2.68
x 1 3/4	x 44.4			3.15
x 2	x 50.8			3.63
x 2 1/2	x 63.5			4.57
x 3	x 76.2			5.52
1/4 x 1	6.3 x 25.4			2.22
x 1 1/4	x 31.7			2.86
x 1 1/2	x 38.1			3.48
x 2	x 50.8			4.75
x 2 1/2	x 63.5			6.10
x 3	x 76.2			7.29
x 4	x 101.6			9.82
5/16 x 3	7.9 x 76.2			9.08
x 4	x 101.6			12.20
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			10.71
x 4	x 101.6			14.58
x 5	x 127.0			18.30
x 6	x 152.4			22.17
1/2 x 3	12.7 x 76.2			13.99
x 4	x 101.6			19.05
x 6	x 152.4			29.16

SOLERAS

Soleras a 6.10 mts. (20 pies)

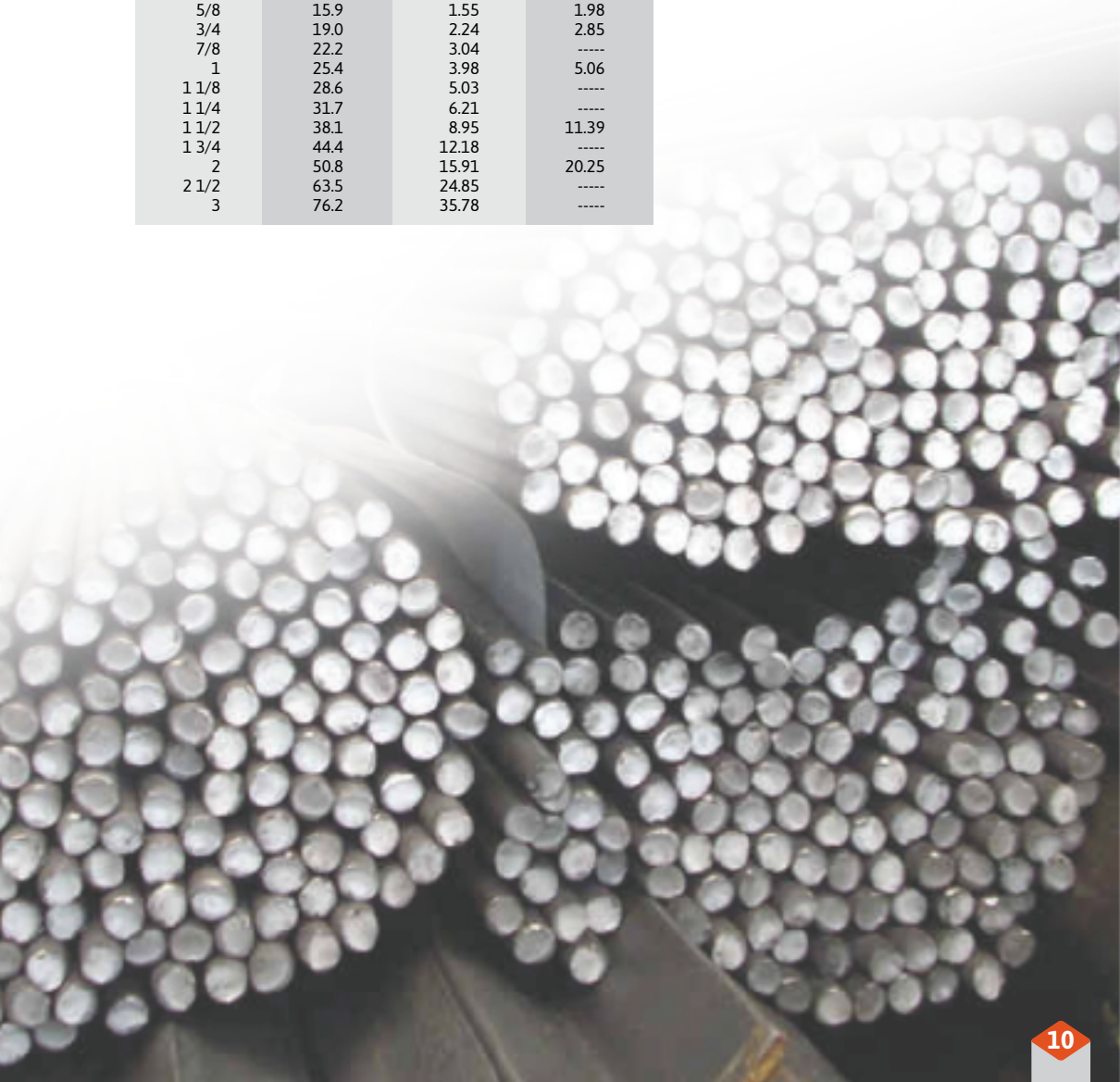
ESPESOR	ANCHO	ESPESOR	ANCHO	PESO
Pulgada		mm.		kg / m
1/8 x 1/2		3.2 x 12.7		0.32
x 3/4		x 19.0		0.47
x 1		x 25.4		0.63
x 1 1/4		x 31.7		0.79
x 1 1/2		x 38.1		0.95
x 2		x 50.8		1.27
x 2 1/2		x 63.5		1.58
x 3		x 76.2		1.90
x 4		x 101.6		2.54
3/16 x 1/2		4.8 x 12.7		0.47
x 3/4		x 19.0		0.71
x 1		x 25.4		0.95
x 1 1/4		x 31.7		1.19
x 1 1/2		x 38.1		1.42
x 2		x 50.8		1.90
x 2 1/2		x 63.5		2.38
x 3		x 76.2		2.84
x 4		x 101.6		3.80
x 6		x 152.4		5.68
x 8		x 203.2		7.60
1/4 x 1		6.3 x 25.4		1.27
x 1 1/4		x 31.7		1.58
x 1 1/2		x 38.1		1.90
x 2		x 50.8		2.53
x 2 1/2		x 63.5		3.17
x 3		x 76.2		3.79
x 4		x 101.6		5.06
x 5		x 127.0		6.32
x 6		x 152.4		7.59
x 8		x 203.2		10.13
x 10		x 254.0		12.66
x 12		x 304.8		15.18
3/8 x 1		9.5 x 25.4		1.90
x 1 1/4		x 31.7		2.38
x 1 1/2		x 38.1		2.84
x 2		x 50.8		3.79
x 2 1/2		x 63.5		4.75
x 3		x 76.2		5.70
x 4		x 101.6		7.59
x 5		x 127.0		9.49
x 6		x 152.4		11.40
x 8		x 203.2		15.18
x 10		x 254.0		18.99
x 12		x 304.8		22.80

Soleras a 6.10 mts. (20 pies)

ESPESOR	ANCHO	ESPESOR	ANCHO	PESO
Pulgada		mm.		kg / m
1/2 x 1		12.7 x 25.4		2.53
x 1 1/2		x 38.1		3.79
x 2		x 50.8		5.06
x 2 1/2		x 63.5		6.32
x 3		x 76.2		7.59
x 4		x 101.6		10.13
x 5		x 127.0		12.66
x 6		x 152.4		15.18
x 8		x 203.2		20.24
x 10		x 254.0		25.33
x 12		x 304.8		30.36
5/8 x 3		15.9 x 76.2		9.49
x 4		x 101.6		12.66
x 5		x 127.0		15.83
x 6		x 152.4		18.99
x 8		x 203.2		25.33
x 10		x 254.0		31.66
x 12		x 304.8		37.97
3/4 x 1 1/2		19.0 x 38.1		5.70
x 2		x 50.8		7.59
x 2 1/2		x 63.5		9.49
x 3		x 76.2		11.40
x 4		x 101.6		15.18
x 5		x 127.0		18.99
x 6		x 152.4		22.80
x 8		x 203.2		30.36
x 10		x 254.0		37.97
x 12		x 304.8		45.59
1 x 2		25.4 x 50.8		10.13
x 3		x 76.2		15.18
x 4		x 101.6		20.27
x 6		x 152.4		30.36
x 8		x 203.2		40.53
x 10		x 254.0		50.65
x 12		x 304.8		60.71

REDONDOS Y CUADRADOS

Pulgadas	mm.	Redondos (kg/m)	Cuadrados (kg/m)
1/4	6.3	0.25	-----
5/16	7.9	0.39	-----
3/8	9.5	0.56	0.71
12 mm.	12.0	-----	1.20
1/2	12.7	0.99	1.27
5/8	15.9	1.55	1.98
3/4	19.0	2.24	2.85
7/8	22.2	3.04	-----
1	25.4	3.98	5.06
1 1/8	28.6	5.03	-----
1 1/4	31.7	6.21	-----
1 1/2	38.1	8.95	11.39
1 3/4	44.4	12.18	-----
2	50.8	15.91	20.25
2 1/2	63.5	24.85	-----
3	76.2	35.78	-----





POLÍN

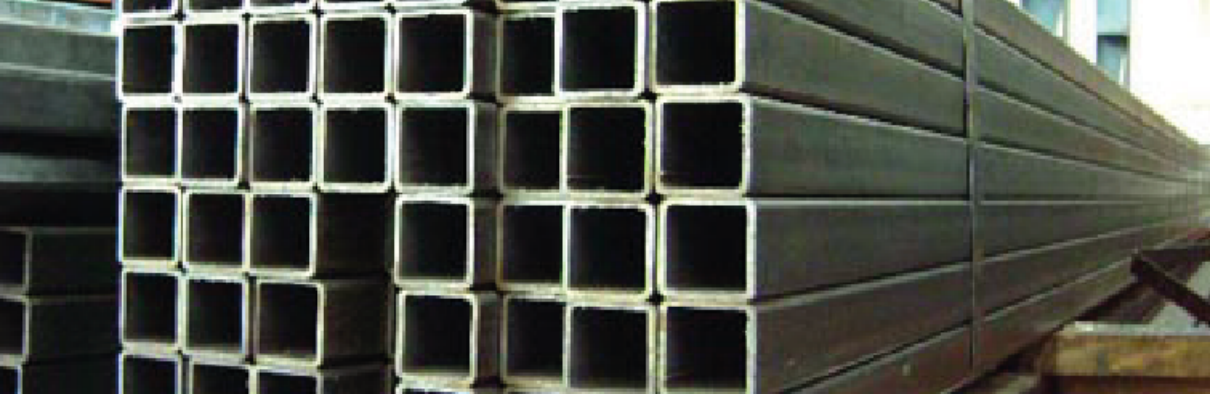
Perfil	Dimensiones	kg / m	Largo (m)
3 Cal 16	3" x 1 1/2"	2.10	6
3 Cal 14	3" x 1 1/2"	2.40	6
4 Cal 16	4" x 2"	2.69	6
4 Cal 14	4" x 2"	3.18	6
5 Cal 14	5" x 2"	3.55	6
6 Cal 14	6" x 2"	4.16	6
6 Cal 12	6" x 2"	5.66	6
8 Cal 14	8" x 2 3/4"	5.37	8
8 Cal 14	8" x 2 3/4"	5.37	6
8 Cal 12	8" x 2 3/4"	7.62	8
8 Cal 10	8" x 2 3/4"	9.62	8
10 Cal 14	10" x 2 3/4"	6.20	10
10 Cal 14	10" x 3 1/2"	7.03	10
10 Cal 12	10" x 2 3/4"	8.70	10
10 Cal 10	10" x 2 3/4"	11.10	10
12 Cal 14	12" x 3 1/2"	7.66	12
12 Cal 12	12" x 3 1/2"	10.83	12
12 Cal 10	12" x 3 1/2"	13.83	12

Medidas a largo especial favor de pedir cotización.



PTR

DIMENSIONES EXTERIORES		ESPESOR		CALIBRE DE IDENTIFICACIÓN	PESO	LARGOS
Pulgada	mm.	Pulgada	mm.		kg / m	
3/4" x 3/4" 1" x 1"	19 x 19 25 x 25	0.075	1.9	C14	1.12	6.00
		0.075	1.9	C14	1.33	6.00
		0.105	2.7	C12	1.76	6.00
		0.120	3.0	C11	1.95	6.00
		0.135	3.4	C10	2.13	6.00
1 1/4" x 1 1/4"	32 x 32	0.075	1.9	C14	1.71	6.00
		0.105	2.7	C12	2.30	6.00
		0.120	3.0	C11	2.09	6.00
1 1/2" x 1 1/2"	38 x 38	0.075	1.9	C14	2.09	6.00
		0.105	2.7	C12	2.82	6.00
		0.120	3.0	C11	3.17	6.00
		0.150	3.8	C09	3.81	6.00
2" x 1"	51 x 25	0.075	1.9	C14	2.09	6.00
		0.120	3.0	C11	3.17	6.00
2" x 2"	51 x 51	0.075	1.9	C14	2.85	6.00
		0.105	2.7	C12	3.89	6.00
		0.120	3.0	C11	4.38	6.00
		0.135	3.4	C10	4.86	6.00
		0.150	3.8	C09	5.33	6.00
		0.180	4.6	C07	7.41	6.00
		0.250	6.3	1/4	9.09	6.00
		0.075	1.9	C14	3.62	6.00
		0.105	2.7	C12	5.27	6.00
		0.120	3.0	C11	5.60	6.00
2 1/2" x 2 1/2"	64 x 64	0.135	3.4	C10	6.23	6.00
		0.180	4.6	C07	8.36	6.10
		0.250	6.3	1/4	11.62	6.10
		0.075	1.9	C14	3.23	6.10
		0.120	3.0	C11	4.99	6.00
		0.075	1.9	C14	3.62	6.10
		0.105	2.7	C12	5.27	6.00
		0.120	3.0	C11	5.60	6.10
		0.135	3.4	C10	6.23	6.10
		0.180	4.6	C07	8.36	6.10
3" x 1 1/2"	76 x 38	0.250	6.3	1/4	11.62	6.10
		0.075	1.9	C14	4.38	6.10
		0.120	3.0	C11	6.81	6.1 / 12.2
		0.150	3.8	C09	8.37	6.10
		0.180	4.6	C07	10.26	6.10
3" x 2"	76 x 51	0.250	6.3	1/4	13.11	6.1 / 12.2
		0.075	1.9	C14	4.38	6.10
		0.120	3.0	C11	6.81	6.1 / 12.2
		0.150	3.8	C09	8.37	6.10
		0.180	4.6	C07	10.26	6.10
3" x 3"	76 x 76	0.250	6.3	1/4	13.11	6.1 / 12.2
		0.075	1.9	C14	4.38	6.10
		0.120	3.0	C11	6.81	6.1 / 12.2
		0.150	3.8	C09	8.37	6.10
		0.180	4.6	C07	10.26	6.10



PTR

DIMENSIONES EXTERIORES		ESPESOR		CALIBRE DE IDENTIFICACIÓN	PESO	LARGOS
Pulgada	mm.	Pulgada	mm.		kg / m	
3 1/2" x 3 1/2"	89 x 89	0.120	3.0	C11	8.03	6.10
		0.150	3.8	C09	9.89	6.10
		0.180	4.6	C07	12.17	6.10
		0.250	6.3	1/4	15.64	6.1 / 12.2
4" x 1 1/2"	102 x 38	0.075	1.9	C14	3.99	6.10
		0.075	1.9	C14	4.61	6.10
		0.120	3.0	C11	6.81	6.10
		0.150	3.8	C09	8.37	6.10
4" x 2"	102 x 51	0.180	4.6	C07	10.26	6.10
		0.250	6.3	1/4	13.13	6.1 / 12.2
		0.075	1.9	C14	5.40	6.10
		0.120	3.0	C11	8.03	6.10
4" x 3"	102 x 76	0.150	3.8	C09	9.89	6.1 / 12.2
		0.180	4.6	C07	12.14	6.10
		0.250	6.3	1/4	15.64	6.1 / 12.2
		0.075	1.9	C14	6.19	6.10
4" x 4"	102 x 102	0.120	3.0	C11	8.03	6.10
		0.150	3.8	C09	9.89	6.1 / 12.2
		0.180	4.6	C07	12.14	6.10
		0.250	6.3	1/4	15.64	6.1 / 12.2
5" x 3"	127 x 76	0.075	1.9	C14	6.19	6.10
		0.125	3.2	1/8	9.85	6.1 / 12.2
		0.150	3.8	C09	11.31	6.10
		0.187	4.6	3/16	14.82	6.1 / 12.2
5" x 5"	127 x 127	0.250	6.3	1/4	18.18	6.1 / 12.2
		0.075	1.9	C14	6.19	6.10
		0.125	3.2	1/8	9.85	6.1 / 12.2
		0.187	4.7	3/16	14.82	6.1 / 12.2
6" x 2"	152 x 51	0.250	6.3	1/4	23.24	6.1 / 12.2
		0.075	1.9	C14	6.19	6.10
		0.125	3.2	1/8	9.85	6.1 / 12.2
		0.187	4.7	3/16	14.82	6.1 / 12.2
6" x 4"	152 x 102	0.250	6.3	1/4	18.18	6.1 / 12.2
		0.125	3.0	1/8	12.41	6.1 / 12.2
		0.187	4.6	3/16	18.96	6.1 / 12.2
		0.250	6.3	1/4	23.24	6.1 / 12.2



HSS

DIMENSIONES EXTERIORES		ESPESOR		PESO	
Pulgada	mm.	Pulgada	mm.	kg / pza.	Kg / m
4" x 4"	102 x 102	0.312	7.9	270	22.13
		0.375	9.5	314	25.73
5" x 5"	127 x 127	0.312	7.9	348	28.52
		0.375	9.5	408	33.44
6" x 4"	152 x 102	0.312	7.9	348	28.52
		0.375	9.5	408	33.44
6" x 6"	152 x 152	0.187	4.7	264	21.63
		0.250	6.3	346	28.36
		0.312	7.9	424	34.75
		0.375	9.5	500	40.98
		0.500	12.7	640	52.45
8" x 3"	203 x 76	0.125	3.2	166	13.61
		0.187	4.7	244	20.00
		0.187	4.7	264	21.63
8" x 4"	203 x 102	0.250	6.3	346	28.36
		0.312	7.9	424	34.75
		0.375	9.5	500	40.98
		0.500	12.7	640	52.45
		0.250	6.3	408	33.44
8" x 6"	203 x 152	0.375	9.5	592	48.52
		0.187	4.7	358	29.34
		0.250	6.3	470	38.52
		0.312	7.9	580	47.54
		0.375	9.5	686	56.23
8" x 8"	203 x 203	0.500	12.7	888	72.78
		0.187	4.7	358	29.34
		0.250	6.4	470	38.52
		0.375	9.5	686	56.23
		0.500	12.7	888	72.78
10" x 6"	254 x 152	0.187	4.7	450	36.88
		0.250	6.3	594	48.69
		0.312	7.9	734	60.16
		0.375	9.5	870	71.31
		0.500	12.7	1,134	92.96
10" x 10"	254 x 254	0.375	9.5	778	63.77
		0.250	6.3	594	48.69
		0.375	9.5	870	71.31
		0.500	12.7	1,134	92.96
		0.250	6.3	716	58.68
12" x 6"	305 x 152	0.312	7.9	888	72.79
		0.375	9.5	1,056	86.55
		0.500	12.7	1,382	113.27
		0.625	15.9	1,696	139.02
		0.312	7.9	1,042	85.40
12" x 8"	305 x 203	0.375	9.5	1,242	101.80
		0.500	12.7	1,630	133.61
		0.625	15.9	2,004	164.26
		0.312	7.9	1,196	98.03
		0.375	9.5	1,426	116.89
12" x 12"	305 x 305	0.500	12.7	1,876	153.77
		0.625	15.9	2,314	189.67
14" x 14"	356 x 356	0.312	7.9	1,042	85.40
		0.375	9.5	1,242	101.80
		0.500	12.7	1,630	133.61
		0.625	15.9	2,004	164.26
		0.312	7.9	1,196	98.03
16" x 16"	406 x 406	0.375	9.5	1,426	116.89
		0.500	12.7	1,876	153.77
		0.625	15.9	2,314	189.67

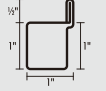
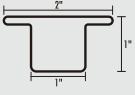
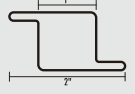
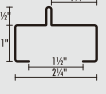
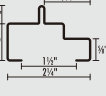
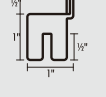
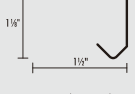
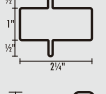
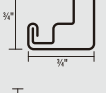
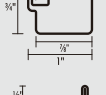
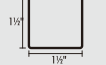
Largos de 12.20 mts.



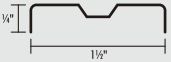
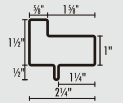
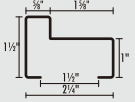
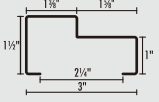
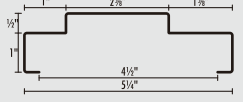
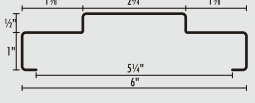
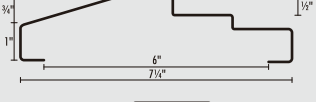
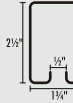
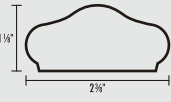
TUBOS (Cédula 30, 40 y Estructural)

DIÁMETRO NOMINAL		DIÁMETRO EXTERIOR		DIÁMETRO INTERIOR		CÉDULA / ESPESOR			PESO	LARGOS
Pulgada	mm.	Pulgada	mm.	Pulgada	mm.	Cédula	Calibre	mm.	kg / m	Metros
1/2	12.7	0.840	21.3	0.688	17.48	30	C14	1.91	0.91	6.00
		0.840	21.3	0.620	15.76	40	0.109	2.77	1.27	6.00
3 / 4	19.05	1.050	26.67	0.900	22.86	30	C14	1.91	1.13	6.00
		1.050	26.67	0.824	20.93	40	0.113	2.87	1.69	6.00
1	25.40	1.315	33.40	1.165	29.59	30	C14	1.91	1.50	6.00
		1.315	33.40	1.049	26.64	40	C10	3.43	2.50	6.00
1 1/4	31.75	1.660	42.16	1.480	37.59	30	C13	2.29	2.35	6.00
		1.660	42.16	1.380	35.05	40	C10	3.43	3.39	6.00
1 1/2	38.10	1.900	48.26	1.720	43.69	30	C13	2.29	2.70	6.00
		1.900	48.26	1.610	40.89	40	C09	3.81	4.05	6.00
2	50.80	2.375	60.33	2.165	54.99	30	C12	2.67	3.95	6.00
		2.375	60.33	2.067	52.50	40	C09	3.81	5.44	6.00
2 1/2	63.50	2.875	73.02	2.665	67.69	30	C12	2.67	4.63	6.10
		2.875	73.02	2.500	63.50	40	0.187	4.76	8.63	6.10
3	76.20	3.500	88.90	3.260	82.80	30	C11	3.04	6.45	6.10
		3.500	88.90	3.068	77.93	40	0.225	5.71	11.29	6.10
4	101.60	4.500	114.30	4.260	108.20	30	C11	3.04	8.35	6.10
		4.500	114.30	4.026	102.26	40	0.225	5.71	16.07	6.10
6	152.40	6.625	168.28	6.250	158.75	30	0.187	4.75	19.23	6.10
		6.625	168.28	6.125	155.58	Estructural	0.250	6.35	25.41	6.1 / 12.2
		6.625	168.28	6.065	154.05	40	0.280	7.11	28.24	6.10
8	203.20	8.625	219.08	8.125	206.38	Estructural	0.250	6.35	35.57	6.1 / 12.2
		8.625	219.08	7.981	202.72	40	0.322	8.18	42.55	6.1 / 12.2
10	254.00	10.750	273.05	10.250	260.35	Estructural	0.250	6.35	41.88	12.20
		10.750	273.05	10.000	254.00	Estructural	0.365	9.53	60.33	12.20
12	304.80	12.750	323.85	12.250	311.15	Estructural	0.250	6.35	49.84	12.20
		12.750	323.85	12.000	304.80	Estructural	0.375	9.53	73.91	12.20
14	355.60	14.000	355.60	13.500	342.90	Estructural	0.250	6.35	54.69	12.20
		355.60	14.000	335.60	336.50	Estructural	0.375	9.53	81.41	12.20
16	406.00	16.000	406.40	15.500	393.70	Estructural	0.250	6.35	62.64	12.20
		406.00	16.000	15.376	390.56	Estructural	0.312	7.92	77.83	12.20
		406.00	16.000	15.250	387.34	Estructural	0.375	9.53	93.27	12.20
		406.00	16.000	15.000	381.00	Estructural	0.500	12.70	123.44	12.20

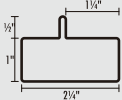
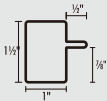
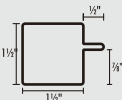
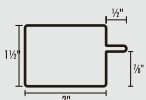
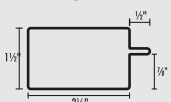
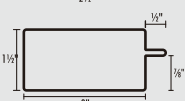
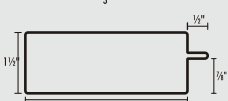
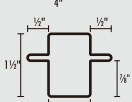
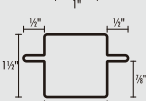
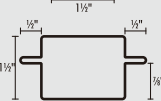
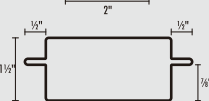
PERFILES PINTADO Y ZINTRO

Figura / Descripción		Calibre (nominal)	Espesor (pulgada)	Longitud (metros)	Kilogramos x metro
	101	20	0.0359	6.00	0.91
		18	0.0478	6.00	1.22
	103	20	0.0359	6.00	1.08
		18	0.0478	6.00	1.47
	106	20	0.0359	6.00	1.08
		18	0.0478	6.00	1.47
	121	20	0.0359	6.00	1.00
		18	0.0478	6.00	1.36
	122	20	0.0359	6.00	1.00
		18	0.0478	6.00	1.36
	123	20	0.0359	6.00	1.07
	124	18	0.0478	6.00	0.68
	127	20	0.0359	6.00	1.41
		18	0.0478	6.00	1.91
	131	20	0.0359	6.00	0.64
	145	20	0.0359	6.00	0.64
	159	20	0.0359	6.00	1.33
		18	0.0478	6.00	1.81

PERFILES PINTADO Y ZINTRO

Figura / Descripción		Calibre (nominal)	Espesor (pulgada)	Longitud (metros)	Kilogramos x metro
	154	20	0.0359	6.00	0.18
		18	0.0478	6.00	0.25
	155	20	0.0359	6.00	0.23
	156	20	0.0359	6.00	0.39
	M-221	20	0.0359	6.00	1.46
		18	0.0478	6.00	1.46
	M-225	20	0.0359	5.50	1.03
		18	0.0478	5.50	1.41
	M-300	20	0.0359	5.50	1.17
		18	0.0478	5.50	1.17
	M-525	20	0.0359	5.50	1.56
		18	0.0478	5.50	2.12
	M-600	20	0.0359	5.50	1.69
		18	0.0478	6.00	2.31
	M-725	18	0.0478	5.50	2.68
	1400	18	0.0478	6.00	1.24
	1500	16	0.0598	6.00	2.45
		14	0.0747	6.00	3.06
	160	20	0.0359	6.00	1.08
		18	0.0478	6.00	1.47

PERFILES PINTADO Y ZINTRO

Figura / Descripción	Calibre (nominal)	Espesor (pulgada)	Longitud (metros)	Kilogramos x metro
	20	0.0359	6.00	1.27
	18	0.0478	6.00	1.72
	20	0.0359	6.00	1.01
	18	0.0478	6.00	1.36
	20	0.0359	6.00	1.19
	18	0.0478	6.00	1.61
	20	0.0359	6.00	1.37
	18	0.0478	6.00	1.86
	20	0.0359	6.00	1.56
	18	0.0478	6.00	2.09
	20	0.0359	6.00	1.73
	18	0.0478	6.00	2.32
	20	0.0359	6.00	2.09
	18	0.0478	6.00	2.82
	20	0.0359	6.00	1.16
	18	0.0478	6.00	1.58
	20	0.0359	6.00	1.34
	18	0.0478	6.00	1.83
	20	0.0359	6.00	1.52
	18	0.0478	6.00	2.57
	20	0.0359	6.00	1.88
	18	0.0478	6.00	2.57



PERFIL CUADRADO PINTADO Y ZINTRO

Descripción	Diametro Pulgada	Calibre (nominal)	Espesor (pulgada)	Longitud (metros)	Kilogramo x metro
C-050	0.500"	22	0.0299	6.00	0.28
		20	0.0359	6.00	0.34
		18	0.0478	6.00	0.44
		16	0.0598	6.00	0.53
C-062	0.625"	20	0.0359	6.00	0.43
		18	0.0478	6.00	0.56
		16	0.0598	6.00	0.68
C-075	0.750"	22	0.0299	6.00	0.44
		20	0.0359	6.00	0.52
		18	0.0478	6.00	0.68
		16	0.0598	6.00	0.84
C-087	0.875"	20	0.0359	6.00	0.61
		18	0.0478	6.00	0.80
C-100	1.000"	20	0.0359	6.00	0.70
		18	0.0478	6.00	0.92
		16	0.0598	6.00	1.14
C-125	1.250"	20	0.0359	6.00	0.88
		18	0.0478	6.00	1.16
C-150	1.500"	16	0.0598	6.00	1.44
		20	0.0359	6.00	1.06
		18	0.0478	6.00	1.40
C-175	1.750"	16	0.0598	6.00	1.74
		16	0.0598	6.00	2.05
		14	0.0747	6.00	2.53
		11	0.1196	6.00	3.76
C-200	2.000"	20	0.0359	6.00	1.43
		18	0.0478	6.00	1.89
		16	0.0598	6.00	2.35
C-225	2.250"	16	0.0598	6.00	2.65
		14	0.0747	6.00	3.29
C-250	2.500"	16	0.0598	6.00	2.95

PERFILES RECTANGULARES PINTADOS Y ZINTRO

Descripción	Diametro Pulgada	Calibre (nominal)	Espesor (pulgada)	Longitud (metros)	Kilogramo x metro
R-100	1.00X0.50"	20	0.0359	6.00	0.52
		18	0.0478	6.00	0.68
		16	0.0598	6.00	0.84
		14	0.0747	6.00	1.02
R-125	1.25X0.75"	20	0.0359	6.00	0.70
		18	0.0478	6.00	0.92
		16	0.0598	6.00	1.14
		14	0.0747	6.00	1.40
R-155	1.50X0.50"	20	0.0359	6.00	0.70
		18	0.0478	6.00	0.92
		14	0.0747	6.00	1.40
R-150	1.50X0.75"	16	0.0598	6.00	1.29
		14	0.0747	6.00	1.59
		11	0.1196	6.00	2.25
R-151	1.50X1.00"	18	0.0478	6.00	1.16
		16	0.0598	6.00	1.44
		11	0.1196	6.00	2.55
R-175	1.75X0.75"	20	0.0359	6.00	0.88
R-200	2.00X1.00"	18	0.0478	6.00	1.16
		20	0.0359	6.00	1.06
		18	0.0478	6.00	1.40
		16	0.0598	6.00	1.74
		14	0.0747	6.00	2.15
		12	0.1046	6.00	2.95
R-225	2.25X0.75"	11	0.1196	6.00	3.15
		20	0.0359	6.00	1.06
		18	0.0478	6.00	1.40
		14	0.0747	6.00	2.72
R-249	2.50X1.25"	20	0.0359	6.00	1.34
		18	0.0478	6.00	1.77
		16	0.0598	6.00	2.20
		14	0.0747	6.00	2.72
R-250	2.50X1.50"	12	0.1046	6.00	3.75
		18	0.0478	6.00	1.89
		14	0.0747	6.00	2.91
		12	0.1046	6.00	4.01
		11	0.1196	6.00	4.36
		12	0.1046	6.00	3.75
R-275	2.75X1.00"	11	0.1196	6.00	4.06
R-375	3.00X0.75"	14	0.0747	6.00	2.72
R-301	3.00X1.00"	18	0.0478	6.00	1.89
		16	0.0598	6.00	2.35
		14	0.0747	6.00	2.91
		11	0.1196	6.00	4.36
R-300	3.00X1.50"	22	0.0299	6.00	1.34
		20	0.0359	6.00	1.61
		18	0.0478	6.00	2.13
		16	0.0598	6.00	2.65
		14	0.0747	6.00	3.29
		16	0.0598	6.00	2.95
R-302	3.00x2.00"	20	0.0359	6.00	1.97
R-400	4.00x1.50"	18	0.0478	6.00	2.61
		16	0.0598	6.00	3.26
		11	0.1196	6.00	7.99
		3/16	0.1875	6.10	12.14
R-503	5.00x3.00"	1/4	0.2500	6.10	15.63
		14	0.0747	6.00	5.93
		11	0.1196	6.00	9.21
		10	0.1345	6.00	10.29
		3/16	0.1875	6.10	14.04
R-603	6.00x3.00"	1/4	0.2500	6.10	18.16
		11	0.1196	6.00	10.42
		3/16	0.1875	6.10	15.94
		1/4	0.2500	6.10	20.69

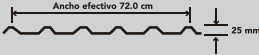
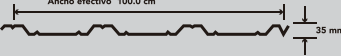
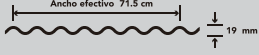
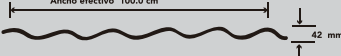


TUBO MOFLE Ó DE CALIBRE

Descripción	Diametro Pulgada	Calibre (nominal)	Espesor (pulgada)	Longitud (metros)	Kilogramo x metro
1/2"	0.500"	20	0.0359	6.00	0.26
		18	0.0478	6.00	0.34
5/8"	0.625"	20	0.0359	6.00	0.34
		18	0.0478	6.00	0.44
3/4"	0.750"	20	0.0359	6.00	0.41
		18	0.0478	6.00	0.53
7/8"	0.875"	16	0.0598	6.00	0.66
		20	0.0359	6.00	0.48
		18	0.0478	6.00	0.63
		16	0.0598	6.00	0.77
1"	1.000"	14	0.0747	6.00	0.95
		20	0.0359	6.00	0.55
		18	0.0478	6.00	0.72
		16	0.0598	6.00	0.89
1 1/8"	1.125"	18	0.0478	6.00	0.82
		14	0.0747	6.00	1.25
		20	0.0359	6.00	0.69
1 1/4"	1.250"	18	0.0478	6.00	0.91
		16	0.0598	6.00	1.13
1 1/2"	1.500"	20	0.0359	6.00	0.84
		18	0.0478	6.00	1.10
		16	0.0598	6.00	1.37
		20	0.0359	6.00	0.98
1 3/4"	1.750"	18	0.0478	6.00	1.29
		16	0.0598	6.00	1.61
1 7/8"	1.875"	20	0.0359	6.00	1.05
		20	0.0359	6.00	1.12
2"	2.000"	18	0.0478	6.00	1.48
		16	0.0598	6.00	1.84
2 1/8"	2.125"	14	0.0747	6.00	2.43
2 1/4"	2.250"	18	0.0478	6.00	1.67
		16	0.0598	6.00	2.08
		14	0.0747	6.00	2.58
		18	0.0478	6.00	1.86
2 1/2"	2.500"	16	0.0598	6.00	2.32
		14	0.0747	6.00	2.88
2 3/4"	2.750"	11	0.1196	6.00	5.00
		18	0.0478	6.00	2.24
3"	3.000"	16	0.0598	6.00	2.79
		14	0.0747	6.00	3.47
4"	4.000"	18	0.0478	6.00	3.19
		16	0.0598	6.00	3.96
		14	0.0747	6.00	4.85



LÁMINA ACANALADA

LÁMINA ACANALADA		Calibre	kg/m2	kg/m lineal	Ancho efectivo (poder cubriente)	Terminados
			Pesos Teóricos		(cm)	
R-72		32	2.54	1.83	72.00	Zinc -Alum Galvanizado
		30	3.33	2.40	72.00	
		28	4.03	2.90	72.00	
		26	4.79	3.45	72.00	
R-101		28	3.71	3.75	101.00	Zinc-Alum
		26	4.40	4.45	101.00	Pintado
		24	5.35	5.40	101.00	Galvanizado
RN-100/35		26	4.45	4.45	100.00	Zinc-Alum
		24	5.40	5.40	100.00	Pintado Galvanizado
O-72		32	3.38	1.83	71.50	Zinc -Alum Galvanizado
		30	4.44	2.40	71.50	
		28	5.37	2.90	71.50	
		26	6.38	3.45	71.50	
O-100		28	3.94	3.75	103.00	Zinc-Alum
		26	4.67	4.45	103.00	Pintado
		24	5.68	5.40	103.00	Galvanizado
DECK-25		24	5.90	5.40	91.50	Galvanizado
		22	8.31	7.60	91.50	
		20	9.90	9.06	91.50	
RD-91.5		22	8.31	7.60	91.50	Galvanizado
		20	9.90	9.06	91.50	
		18	13.07	11.96	91.50	
LÁMINA TIPO TEJA		26	4.45	4.45	100.00	Pintado (Rojo Janitzio; Blanco Std.)

SERVICIOS



CORTE DE LÁMINA Y PLACA

Cortes rectos en lámina y placa en espesores desde calibre 26 hasta calibre 1" en diferentes longitudes



DOBLEZ DE LÁMINA Y PLACA

Dobleza en lámina y placa desde calibre 26 hasta calibre 3/4" en diferentes largos y medidas



ROLADO DE LÁMINA Y PLACA

Rolado de lámina y placa en frío, para varios espesores y largos



ROLADO DE TODO TIPO DE PERFILES

Rolado de tubo, ptr, ángulo, solera, redondo, cuadrado, rectangulares, canal y varios perfiles más



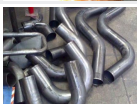
CORTE CON PLASMA CNC

Corte de piezas regulares e irregulares según diseño desde calibre 24 a calibre 2"



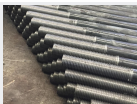
CORTE CON OXICORTE

El oxicorte como su propio nombre indica, es una técnica de corte por oxidación mediante una llama. Dicha llama se produce mediante la combustión entre un gas combustible (propano, hidrogeno o acetileno) y un gas comburente, normalmente oxígeno



DOBLEZ DE TUBO

El proceso de doblez de tubo implica el uso de fuerza mecánica para empujar el material en las paredes del tubo, obligandolo a formar una curvatura con radio específico. El diámetro interior y exterior del tubo, el espesor nominal de la pared y el eje neutro, son características inherentes de la pieza



ROSCADO

Roscado de varilla ó redondo de 3/8 hasta 2"



CORTE CON SIERRA CINTA

Proceso mecánico de corte recto para perfiles y tubería que emplea cintas dentadas para seccionar la pieza mediante arranque de pequeñas virutas, para evitar un calentamiento por la fricción se adiciona un aceite para lubricar y refrigerar



BARRENADO

Barrenado en diferentes productos desde 1/8 hasta 2" de diámetro



GRÚA Y MANIOBRA

Maniobra de carga, descarga y traslado



SOLDADURA

La soldadura es un proceso de fijación en donde se realiza la unión de 2 ó más piezas de un material (generalmente metales), usualmente logrado a través de la coalescencia (fusión), en la cual las piezas son soldadas llegando a una pequeña fundición



MAQUILA EN GENERAL

En acero al carbón, acero inoxidable y aluminio, es suministrado por el cliente y nosotros realizamos el proceso requerido

PROCESOS



PERFIL CARROCERO

El perfil carrocerero es fabricado en medidas según las normas requeridas de cada tipo de carga, algunos de estos perfiles son para camionetas tipo Nissan, doble rodado y camiones.



CANAL CHASIS

Doblado en placa en calibres, 1/4, 5/16 y 3/8 formado en "U" y doblado en frío, estos se pueden doblar en largos hasta 12.20 mt



CAJAS DE VOLTEO

Herrajes para cajas de volteo 3, 6, 7, 12 y 14 m3 en diferentes medidas y calibres



PIPAS

Herrajes para pipas o tanques de agua en diferentes medidas y capacidades



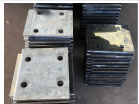
PIEZAS ESPECIALES

Fabricación de piezas especiales realizadas en diferentes medidas y calibres según sea la necesidad del proyecto



ANCLAS ROSCADAS

Anclas roscadas y dobladas en frío en redondos comerciales y especiales



PLACAS BASE

Placas base con o sin barreno en diferentes medidas y espesores



CIMBRA METÁLICA

Armazón metálico que sostiene provisionalmente el peso de un arco, bóveda o cualquier otra estructura durante el proceso de construcción de la misma



NAYACEROS®
Perfiles y Maquillas

NAYACEROS

PERFILES Y MAQUILLAS

☎ 311.129.2042 / 311.129.2043

☎ 311.105.5812 / 311.269.2270 / 311.253.3883

Facebook icon **Nayaceros**

Instagram icon **Nayaceros**

✉ nayaceros@hotmail.com

🌐 www.nayaceros.com

📍 Carretera Federal Tepic Guadalajara #5251
Camichin de Jauja, Tepic, Nayarit C.P. 63508