



NAYACEROS®
Perfiles y Máquinas

CÁTALOGO DE PRODUCTOS

Especificaciones y Servicios

Acero y
Transformación



EN TUS GRANDES

PROYECTOS



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LÁMINA ROLADO CALIENTE

CALIBRE	ESPESOR		ESPESOR						PESO
	Pulgada	mm.	3' x 8'	3' x 10'	4' x 8'	4' x 10'	5' x 10'	5' x 20'	kg / m ²
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		ESPESOR				PESO
	Pulgada	mm.	3' x 8'	3' x 10'	4' x 8'	4' x 10'	kg / m ²
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
26	0.019	0.493	9	11	-	-	3.57



PLACA

ESPESOR		PESO		PESO POR PLACA EN KILOS							
Pulgada	mm.	kg / m ²	kg / pie ²	3' x 8'	3' x 10'	4' x 8'	4' x 10'	5' x 10'	5' x 20'	6' x 20'	8' x 20'
3/16	4.8	37.78	4	84	105	112	140	176	351	421	562
1/4	6.3	50.38	5	112	140	150	187	234	468	562	749
5/16	7.9	62.97	6	140	176	187	234	293	585	702	936
3/8	9.5	75.56	7	168	211	225	281	351	702	842	1,123
7/16	11.1	88.05	8	---	246	---	---	---	---	983	---
1/2	12.7	100.75	9	225	281	300	374	468	936	1,123	1,498
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	1,872
3/4	19.0	151.12	14	337	421	449	562	702	1,404	1,685	2,246
7/8	22.2	176.31	16	---	491	---	---	---	---	1,966	2,621
1	25.4	201.50	19	449	562	599	749	936	1,872	2,246	2,995
1 1/8	28.6	226.69	21	---	632	---	---	---	---	2,527	3,370
1 1/4	31.7	251.88	23	562	702	749	936	1,170	2,340	2,808	3,744
1 3/8	34.9	277.06	26	---	---	---	---	---	---	---	4,118
1 1/2	38.1	302.25	28	674	842	899	1,123	1,404	2,808	3,370	4,493
1 5/8	41.3	327.44	30	---	---	---	---	---	---	---	4,867
1 3/4	44.4	352.62	33	---	983	---	---	1,872	---	3,931	5,242
2	50.8	403.00	37	899	1,123	1,198	1,498	---	3,744	4,493	5,990
2 1/4	57.1	453.38	42	---	1,264	---	1,685	---	---	5,054	6,739
2 1/2	63.5	503.75	47	---	1,404	---	1,872	---	---	5,616	7,488
2 3/4	69.8	554.12	51	---	---	---	---	---	---	---	8,237
3	76.2	604.50	56	---	1,685	---	2,246	---	---	6,739	8,986



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

LÁMINA 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'
12	2.667	0.105	19.34	25.90	47	59	63	79
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
		27.90	18.75	2.527	64	0.390	9.9	0.487	12.4
10	254.0	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
		44.64	30.00	3.033	76	0.436	11.1	0.673	17.1
12	304.8	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
		44.64	30.00	3.170	80	0.501	12.7	0.510	13.0
15	381.0	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

Largos en 6.10 y 12.20 mts.

VIGA IPS

PERFIL		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



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
5" x 5"	127.0 x 127.0	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
		23.8	16	6.28	160	4.03	102	0.41	10.4	0.26	6.6
6" x 6"	152.4 x 152.4	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
		37.2	25	6.38	162	6.08	154	0.46	11.7	0.32	8.1
8" x 4"	203.2 x 101.6	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
		22.3	15	8.11	206	4.02	102	0.32	8.1	0.25	6.3
8" x 5 1/4"	203.2 x 133.3	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
8" x 8"	203.2 x 203.2	46.1	31	8.00	203	8.00	203	0.44	11.2	0.29	7.4
		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
		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
10" x 4"	254.0 x 101.6	17.9	12	9.87	251	3.96	101	0.21	5.3	0.19	4.8
		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 5 3/4"	254.0 x 146.0	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 8"	254.0 x 203.2	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
10" x 10"	254.0 x 254.0	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
		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
		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
12" x 4"	304.8 x 101.6	20.8	14	11.91	303	3.97	101	0.23	5.8	0.20	5.1
		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 6 1/2"	304.8 x 165.1	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 8"	304.8 x 203.2	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 86.3	53 58	12.06 12.19	306 310	10.00 10.01	254 254	0.58 0.64	14.7 16.3	0.35 0.36	8.9 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 38.7	22 26	13.74 13.91	349 353	5.00 5.03	127 128	0.34 0.42	8.6 10.7	0.23 0.26	5.8 6.6
14" x 6 3/4"	355.6 x 171.4	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
		56.5	38	14.10	358	6.77	172	0.52	13.2	0.31	7.9
14" x 8"	355.6 x 203.2	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
		78.9	53	13.92	354	8.06	205	0.66	16.8	0.37	9.4
14" x 10"	355.6 x 254.0	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
		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
14" x 14 1/2"	355.6 x 368.3	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
16" x 5 1/2"	406.4 x 139.7	38.7 46.1	26 31	15.69 15.88	399 403	5.50 5.53	140 140	0.35 0.44	8.9 11.2	0.25 0.28	6.3 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
		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
16" x 10 1/4"	406.4 x 260.3	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
		149.0	100	16.97	431	10.43	265	0.99	25.0	0.59	14.9
18" x 6"	457.2 x 152.4	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
		68.4	46	18.06	459	6.06	154	0.61	15.5	0.36	9.1
18" x 7 1/2"	457.2 x 190.5	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
		105.6	71	18.47	469	7.64	194	0.81	20.6	0.50	12.7
18" x 11"	457.2 x 279.4	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 PATÍN		ESPESOR DEL PATÍN		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
		123.5	83	21.43	544	8.36	212	0.84	21.3	0.52	13.2
21" x 12 1/4"	533.4 x 311.1	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
24" x 7"	609.6 x 177.8	218.7	147	22.06	560	12.51	318	1.15	29.2	0.72	18.3
		81.8	55	23.57	599	7.01	178	0.51	13.0	0.40	10.2
24" x 9"	609.6 x 228.6	92.3	62	23.74	603	7.04	179	0.59	15.0	0.43	10.9
		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
30" x 10 1/2"	762.0 x 266.7	147.3	99	29.65	753	10.45	265	0.67	17.0	0.52	13.2
		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
		299.0	201	33.70	856	15.71	399	1.15	29.2	0.72	18.2
33" x 15 3/4"	838.2 x 400.1	329.0	221	33.90	861	15.79	401	1.28	32.5	0.77	19.7
36" x 12"	914.4 x 304.8	200.9	135	35.55	903	11.95	304	0.79	20.1	0.60	15.2
		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
36" x 16 1/2"	914.4 x 419.1	343.8	231	36.50	927	16.46	418	1.26	32.0	0.76	19.3
40" x 12"	1016 x 304.8	221.7	149	38.20	970	11.81	300	0.83	21.1	0.63	16.0



ÁNGULOS

ESPESOR	ANCHO	ESPESOR	ANCHO	PESO
Pulgada		mm.		kg / m
.109	x 1	x 25.4		1.05
	x 1 1/4	2.8 x 31.7		1.33
	x 1 1/2	x 38.1		1.61
1/8	x 3/4	x 19.0		0.88
	x 1	x 25.4		1.19
	x 1 1/4	3.2 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	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	4.8 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	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	6.3 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	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	x 76.2		13.99
	x 4	12.7 x 101.6		19.05
	x 6	x 152.4		29.16
5/8	x 4	x 101.6		23.36
	x 6	15.9 x 152.4		36.01
	x 8	x 203.2		48.66
3/4	x 6	x 152.4		42.71
	x 8	19.0 x 203.2		57.88

Largo 6.10 mts.



PERFIL TEE

ESPESOR	ANCHO	ESPESOR	ANCHO	PESO
Pulgada		mm.		kg / m
1.8 x 1		3.2 x 25.4		1.31

Largo 6.10 mts.



SOLERAS

ESPEJOR	ANCHO	ESPEJOR	ANCHO	PESO
Pulgada		mm.		kg / m
1/8	x 1/2	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	3.2	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
3/16	x 4	x 101.6		2.54
	x 1/2	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	4.8	1.90
	x 2 1/2	x 63.5		2.38
1/4	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
	x 1	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
3/8	x 2 1/2	x 63.5		3.17
	x 3	x 76.2	6.3	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	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	9.5	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

Largo 6.10 mts.

ESPEJOR	ANCHO	ESPEJOR	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
1	x 10		x 254.0	37.97
	x 12		x 304.8	45.59
	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

Largo 6.10 mts.

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	-----



REJILLA ELECTROFORJADA

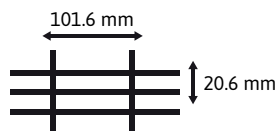
MODELO		M01	M02	M03	M04	M05	1/2 M05	M05	M06
Espesor	Peralte							PANEL	
1/8	3/4	25.85	28.43	22.57	25.20	18.74	10.59	112.43	21.33
1/8	1	33.60	36.19	29.22	31.85	24.12	13.28	144.71	26.71
1/8	1 1/4	41.36	43.94	35.87	38.50	29.50	15.97	177.00	32.09
1/8	1 1/2	49.11	51.70	42.51	45.14	34.88	18.66	209.28	37.48
1/8	2	-	-	-	-	46.28	-	277.68	-
3/16	3/4	37.48	40.06	32.54	35.17	26.81	14.62	160.85	29.40
3/16	1	49.11	51.70	42.51	45.14	34.88	18.66	209.28	37.48
3/16	1 1/4	60.75	63.33	52.48	55.11	42.95	22.69	257.71	45.55
3/16	1 1/2	72.38	74.96	62.45	65.09	51.02	26.73	306.14	53.62
3/16	1 3/4	84.65	87.87	73.08	76.36	59.74	31.39	358.43	62.98
3/16	2	96.28	99.51	83.05	86.33	67.81	35.43	406.86	71.05
3/16	2 1/4	107.92	111.14	93.02	96.30	75.88	39.46	455.29	79.12
3/16	2 1/2	119.55	122.77	102.99	106.27	83.95	43.50	503.72	87.19
1/4	1	65.26	68.49	56.46	59.74	46.29	26.90	277.72	49.52
1/4	1 1/4	80.77	84.00	69.75	73.04	57.05	32.28	342.29	60.29
1/4	1 1/2	96.28	99.51	83.05	86.33	67.81	37.67	406.86	71.05
1/4	2	127.30	130.53	109.64	112.92	89.33	48.43	536.01	92.57
1/4	2 1/2	158.32	161.55	136.23	139.51	110.85	59.19	665.15	114.10
3/8	3	284.70	290.22	244.92	250.55	199.26	102.24	1195.59	204.81
3/8	4	377.76	383.28	324.69	330.31	263.84	126.84	1583.02	269.38

El modelo M05 es producto de línea y no requiere mínimo, los demás modelos requieren mínimo de piezas.

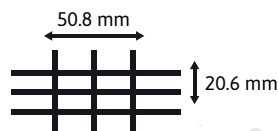
Medidas: 1.00 x 6.00 mts.

Terminados: Lisa, dentada, negra o galvanizada

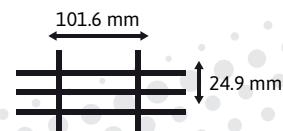
M-1



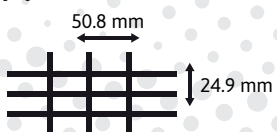
M-2



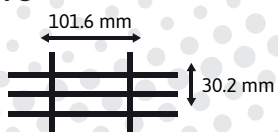
M-3



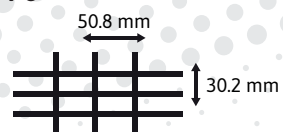
M-4



M-5



M-6



POLÍN "C"

Medida	Dimensiones	Calibre	Espesor	kg/m	Largo(m)
3"	3" x 1.5" x 0.5"	14	0.075"	2.61	6
	3" x 1.5" x 0.5"	16	0.060"	2.08	6
4"	4" x 2" x 0.75"	14	0.075"	3.40	6
	4" x 2" x 0.75"	16	0.060"	2.71	6
5"	5" x 2" x 0.75"	14	0.075"	3.80	6
6"	6" x 2" x 0.75"	12	0.105"	5.86	6
	6" x 2" x 0.75"	14	0.075"	4.19	6
8"	8" x 2.75" x 0.75"	10	0.135"	9.90	8
	8" x 2.75" x 0.75"	12	0.105"	7.96	6
	8" x 2.75" x 0.75"	14	0.075"	5.70	8
	8" x 2.75" x 0.75"	14	0.075"	5.70	8
10"	10" x 2.75" x 0.75"	10	0.135"	11.20	10
	10" x 2.75" x 0.75"	12	0.105"	9.06	10
	10" x 2.75" x 0.75"	14	0.075"	6.49	10
	10" x 2.75" x 0.75"	14	0.075"	6.85	10
12"	12" x 3.5" x 0.75"	10	0.135"	13.60	12
	12" x 3.5" x 1"	12	0.105"	10.99	12
	12" x 3.5" x 1"	14	0.075"	7.87	12
14"	14" x 3.5" x 1"	12	0.105"	12.10	14
	14" x 3.5" x 1"	14	0.075"	8.70	14

Fabricados en alta resistencia, calidad comercial en pintados y negros

POLÍN "Z"

Medida	Dimensiones	Calibre	Espesor	kg/m	Largo(m)
6" Cal 12	6" x 2" x 0.75"	12	0.105"	5.86	Especial
6" Cal 14	6" x 2" x 0.75"	14	0.075"	4.19	Especial
8" Cal 10	8" x 2.75" x 0.75"	10	0.135"	9.90	Especial
8" Cal 12	8" x 2.75" x 0.75"	12	0.105"	7.96	Especial
8" Cal 14	8" x 2.75" x 0.75"	14	0.075"	5.70	Especial
8" Cal 14	8" x 3" x 0.75"	14	0.075"	5.88	Especial
10" Cal 10	10" x 2.75" x 0.75"	10	0.135"	11.20	Especial
10" Cal 12	10" x 2.75" x 0.75"	12	0.105"	9.06	Especial
10" Cal 14	10" x 2.75" x 0.75"	14	0.075"	6.49	Especial
10" Cal 14	10" x 3.5" x 0.75"	14	0.075"	6.85	Especial
12" Cal 10	12" x 3.5" x 0.75"	10	0.135"	13.60	Especial
12" Cal 12	12" x 3.5" x 1"	12	0.105"	10.99	Especial
12" Cal 14	12" x 3.5" x 1"	14	0.075"	7.87	Especial
14" Cal 12	14" x 3.5" x 1"	12	0.105"	12.10	Especial
14" Cal 14	14" x 3.5" x 1"	14	0.075"	8.70	Especial

Fabricados en alta resistencia, calidad comercial en pintados y negros





PTR

DIMENSIONES EXTERIORES		ESPOSOR		CALIBRE DE IDENTIFICACIÓN	PESO	LARGOS
Pulgada	mm.	Pulgada	mm.		kg/m	
3/4" x 3/4"	19 x 19	0.060	1.5	C16	0.84	6.00
		0.075	1.9	C14	1.12	6.00
1" x 1"	25 x 25	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
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
2 1/2" x 2 1/2"	64 x 64	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
		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
3" x 1 1/2"	76 x 38	0.075	1.9	C14	3.23	6.10
		0.120	3.0	C11	4.99	6.00
3" x 2"	76 x 51	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
		0.250	6.3	1/4	11.62	6.10
3" x 3"	76 x 76	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
		0.250	6.3	1/4	13.11	6.1 / 12.2



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
4" x 2"	102 x 51	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
		0.180	4.6	C07	10.26	6.10
		0.250	6.3	1/4	13.13	6.1 / 12.2
4" x 3"	102 x 76	0.075	1.9	C14	5.40	6.10
		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
4" x 4"	102 x 102	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
		0.250	6.3	1/4	18.18	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
		0.187	4.7	3/16	14.82	6.1 / 12.2
		0.250	6.3	1/4	18.18	6.1 / 12.2
5" x 5"	127 x 127	0.125	3.2	1/8	12.42	6.1 / 12.2
		0.187	4.7	3/16	18.96	6.1 / 12.2
		0.250	6.3	1/4	23.24	6.1 / 12.2
6" x 2"	152 x 51	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
		0.250	6.3	1/4	18.18	6.1 / 12.2
6" x 4"	152 x 102	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 0.375	7.9 9.5	270 314	22.13 25.73
5" x 5"	127 x 127	0.312 0.375	7.9 9.5	348 408	28.52 33.44
6" x 4"	152 x 102	0.312 0.375	7.9 9.5	348 408	28.52 33.44
6" x 6"	152 x 152	0.187 0.250 0.312 0.375 0.500	4.7 6.3 7.9 9.5 12.7	264 346 424 500 640	21.63 28.36 34.75 40.98 52.45
8" x 3"	203 x 76	0.125 0.187	3.2 4.7	166 244	13.61 20.00
8" x 4"	203 x 102	0.187 0.250 0.312 0.375 0.500	4.7 6.3 7.9 9.5 12.7	264 346 424 500 640	21.63 28.36 34.75 40.98 52.45
8" x 6"	203 x 152	0.250 0.375	6.3 9.5	408 592	33.44 48.52
8" x 8"	203 x 203	0.187 0.250 0.312 0.375 0.500	4.7 6.3 7.9 9.5 12.7	358 470 580 686 888	29.34 38.52 47.54 56.23 72.78
10" x 6"	254 x 152	0.187 0.250 0.375 0.500	4.7 6.4 9.5 12.7	358 470 686 888	29.34 38.52 56.23 72.78
10" x 10"	254 x 254	0.187 0.250 0.312 0.375 0.500	4.7 6.3 7.9 9.5 12.7	450 594 734 870 1,134	36.88 48.69 60.16 71.31 92.96
12" x 6"	305 x 152	0.375	9.5	778	63.77
12" x 8"	305 x 203	0.250 0.375 0.500	6.3 9.5 12.7	594 870 1,134	48.69 71.31 92.96
12" x 12"	305 x 305	0.250 0.312 0.375 0.500 0.625	6.3 7.9 9.5 12.7 15.9	716 888 1,056 1,382 1,696	58.68 72.79 86.55 113.27 139.02
14" x 14"	356 x 356	0.312 0.375 0.500 0.625	7.9 9.5 12.7 15.9	1,042 1,242 1,630 2,004	85.40 101.80 133.61 164.26
16" x 16"	406 x 406	0.312 0.375 0.500 0.625	7.9 9.5 12.7 15.9	1,196 1,426 1,876 2,314	98.03 116.89 153.77 189.67

Largos en 6.10 y 12.20 mts.



TUBO CÉDULA 30

DIÁMETRO NOMINAL	DIÁMETRO EXTERIOR	DIÁMETRO INTERIOR	ESPESOR	LARGOS	PESO
Pulgada	Pulgada	Pulgada	Calibre	Metros	kg/m
1/2"	0.840"	0.660"	C14	6.00	0.91
3/4"	1.050"	0.900"	C14	6.00	1.16
1"	1.315"	1.165"	C14	6.00	1.47
1 1/4"	1.660"	1.480"	C13	6.00	2.24
1 1/2"	1.900"	1.720"	C13	6.00	2.58
2"	2.375"	2.165"	C12	6.00	3.77
2 1/2"	2.875"	2.665"	C12	6.10	4.61
3"	3.500"	3.260"	C11	6.10	6.43
4"	4.500"	4.260"	C11	6.10	8.33
6"	6.625"	6.250"	0.187"	6.10	19.23

TUBO CÉDULA 40

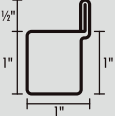
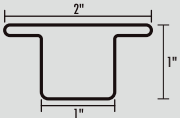
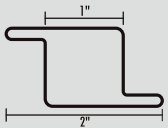
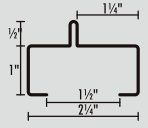
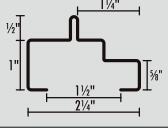
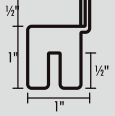
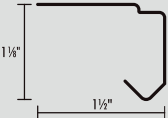
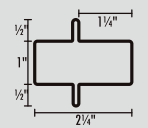
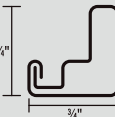
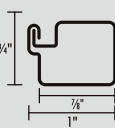
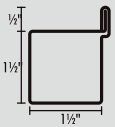
DIÁMETRO NOMINAL	DIÁMETRO EXTERIOR	DIÁMETRO INTERIOR	ESPESOR	LARGOS	PESO
Pulgada	Pulgada	Pulgada	Calibre	Metros	kg/m
1/2"	0.840"	0.630"	C12	6.00	0.91
3/4"	1.050"	0.840"	C12	6.00	1.16
1"	1.315"	1.049"	C10	6.00	1.47
1 1/4"	1.660"	1.380"	C10	6.00	2.24
1 1/2"	1.900"	1.610"	C10	6.00	2.58
2"	2.375"	2.067"	C09	6.00	3.77
2 1/2"	2.875"	2.500"	0.187"	6.10	4.61
3"	3.500"	3.068"	0.225"	6.10	6.43
4"	4.500"	4.026"	0.225"	6.10	8.33
6"	6.625"	6.280"	0.280"	6.10	19.23

TUBO ESTRUCTURAL

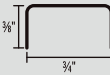
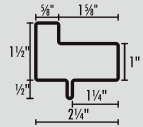
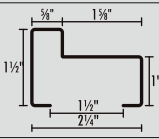
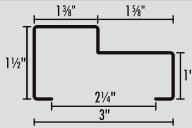
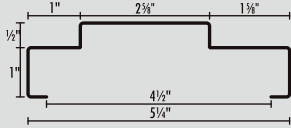
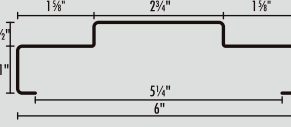
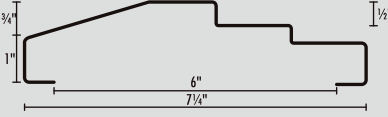
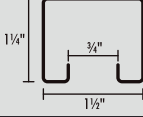
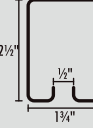
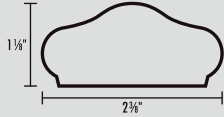
DIÁMETRO NOMINAL	DIÁMETRO EXTERIOR	DIÁMETRO INTERIOR	ESPESOR	LARGOS	PESO
Pulgada	Pulgada	Pulgada	Calibre	Metros	kg/m
6"	6.625"	6.125"	0.250"	6.1/12.2	25.41
8"	8.625" 8.625"	8.125" 7.981"	0.250" 0.322"	6.1/12.2 6.1/12.2	35.57 44.10
10"	10.750" 10.750"	10.250" 10.000"	0.250" 0.365"	12.20 12.20	41.88 60.33
12"	12.750" 12.750"	12.250" 12.000"	0.250" 0.375"	12.20 12.20	49.84 73.91
14"	14.000"	13.250"	0.375"	12.20	81.41
16"	16.000"	15.000"	0.500"	12.20	123.44



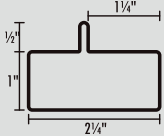
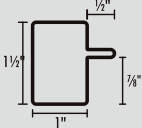
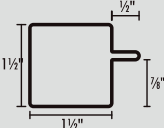
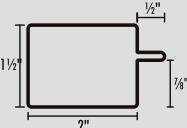
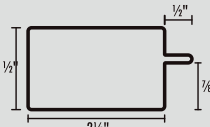
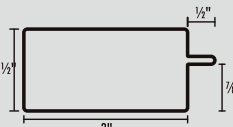
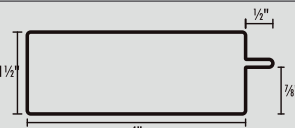
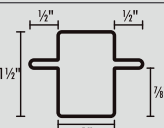
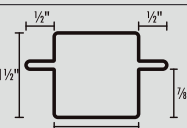
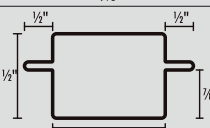
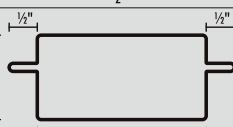
PERFILES PINTADO Y GALVANIZADO VERDE

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 GALVANIZADO VERDE

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
	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
	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 GALVANIZADO VERDE

Figura / Descripción		Calibre (nominal)	Espesor (pulgada)	Longitud (metros)	Kilogramos x metro
	126	20	0.0359	6.00	1.27
		18	0.0478	6.00	1.72
	P-100	20	0.0359	6.00	1.01
		18	0.0478	6.00	1.36
	P-150	20	0.0359	6.00	1.19
		18	0.0478	6.00	1.61
	P-200	20	0.0359	6.00	1.37
		18	0.0478	6.00	1.86
	P-250	20	0.0359	6.00	1.56
		18	0.0478	6.00	2.09
	P-300	20	0.0359	6.00	1.73
		18	0.0478	6.00	2.32
	P-400	20	0.0359	6.00	2.09
		18	0.0478	6.00	2.82
	K-100	20	0.0359	6.00	1.16
		18	0.0478	6.00	1.58
	K-150	20	0.0359	6.00	1.34
		18	0.0478	6.00	1.83
	K-200	20	0.0359	6.00	1.52
		18	0.0478	6.00	2.57
	K-300	20	0.0359	6.00	1.88
		18	0.0478	6.00	2.57

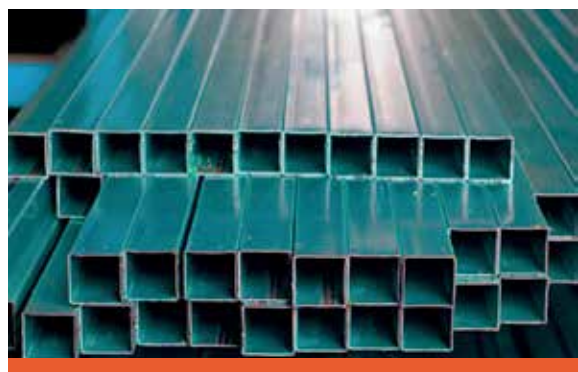
PERFIL CUADRADO PINTADO Y GALVANIZADO VERDE

Descripción	Medida Pulgada	Calibre (nominal)	Espesor (pulgada)	Longitud (metros)	Kilogramo x metro
C-050	0.500"	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"	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
		16	0.0598	6.00	1.44
C-150	1.500"	20	0.0359	6.00	1.06
		18	0.0478	6.00	1.40
		16	0.0598	6.00	1.74
C-175	1.750"	16	0.0598	6.00	2.05
		14	0.0747	6.00	2.53
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

PINTADO



GALVANIZADO VERDE





PERFIL RECTANGULAR PINTADO Y GALVANIZADO VERDE

Descripción	Medida Pulgada	Calibre (nominal)	Espesor (pulgada)	Kilogramo x metro	Longitud (metros)
R-100	1.00X0.50"	20	0.0359	0.52	6.00
		18	0.0478	0.68	6.00
		16	0.0598	0.84	6.00
R-125	1.25X0.75"	20	0.0359	0.70	6.00
		18	0.0478	0.92	6.00
		16	0.0598	1.14	6.00
R-155	1.50X0.50"	20	0.0359	0.70	6.00
		18	0.0478	0.92	6.00
R-150	1.50X0.75"	16	0.0598	1.29	6.00
		14	0.0747	1.59	6.00
R-151	1.50X1.00"	18	0.0478	1.16	6.00
		16	0.0598	1.44	6.00
R-175	1.75X0.75"	20	0.0359	0.88	6.00
		18	0.0478	1.16	6.00
R-200	2.00X1.00"	20	0.0359	1.06	6.00
		18	0.0478	1.40	6.00
		16	0.0598	1.74	6.00
R-225	2.25X0.75"	20	0.0359	1.06	6.00
		18	0.0478	1.40	6.00
R-249	2.50X1.25"	20	0.0359	1.34	6.00
		18	0.0478	1.77	6.00
		16	0.0598	2.20	6.00
R-250	2.50X1.50"	18	0.0478	1.89	6.00
		14	0.0747	2.91	6.00
R-301	3.00X1.00"	18	0.0478	1.89	6.00
		16	0.0598	2.35	6.00
R-300	3.00X1.50"	20	0.0359	1.61	6.00
		18	0.0478	2.13	6.00
		16	0.0598	2.65	6.00
R-302	3.00x2.00"	16	0.0598	2.95	6.00
R-400	4.00x1.50"	20	0.0359	1.97	6.00
		18	0.0478	2.61	6.00
		16	0.0598	3.26	6.00

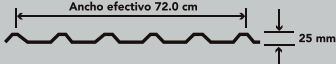
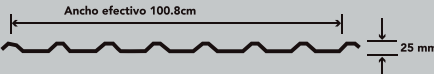
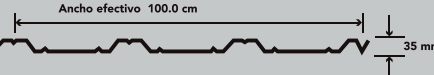
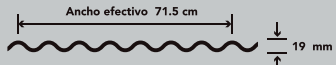
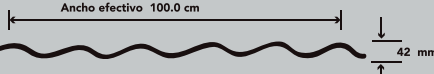


TUBO INDUSTRIAL

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



LÁMINA ACANALADA

		Calibre	Pesos Teóricos		Ancho efectivo (poder cubriente) (cm)	Terminados
			kg/m ²	kg/m lineal		
R-72		32	2.54	1.83	72.00	Zalum Pintado 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	Zalum Pintado Galvanizado
		26	4.40	4.45	101.00	
		24	5.35	5.40	101.00	
RN-100/35		26	4.45	4.45	100.00	Zalum Pintado Galvanizado
		24	5.40	5.40	100.00	
O-72		32	3.38	1.83	71.50	Zalum Pintado 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	Zalum Pintado Galvanizado
		26	4.67	4.45	103.00	
		24	5.68	5.40	103.00	
DECK-25		24	5.90	5.40	91.50	Galvanizado
		22	8.31	7.60	91.50	
		20	9.90	9.06	91.50	
LÁMINA TIPO TEJA		26	4.45	4.45	100.00	Pintado

CONSTRUCCIÓN

◆ Varilla Corrugada

No. Designación	Calibre		Peso Nominal		Varillas X Ton. Aprox.
	Pulgadas	mm	Kg/m	lb/pie	
3	3/8	9.50	0.56	0.38	150
4	1/2	12.70	0.99	0.67	84
5	5/8	15.90	1.55	1.04	53
6	3/4	19.10	2.24	1.50	37
8	1	25.40	3.97	2.67	21
10	1 1/4	31.70	6.23	4.30	13
12	1 1/2	38.10	8.94	5.99	9

◆ Alambrón y Alambre Recocido

TIPO DE ALAMBRE	Diametro		Peso	
	mm	Pulgadas	Kg/mt	mts/1kg
Alambrón	6.3	1/4	0.248	4.3
Alambre Recocido	1.59	0.062	0.0156	64

◆ Malla Electrosoldada

Producto	Diámetro del alambre	Área del alambre	Peso del alambre	Área del acero	Peso por m²	Peso por rollo	Presentación	Dimensiones
	(mm)	mm²	Kg/m	cm²/m	(kg)	(kg)		
R-6x6-10/10	3.43	9.24	0.0723	0.606	0.97	97	100m²	2.5x40
R-6x6-08/08	4.11	13.26	0.1041	0.871	1.41	141	100m²	2.5x40
R-6x6-06/06	4.88	18.7	0.1468	1.227	1.97	197	100m²	2.5x40
R-6x6-04/04	5.72	25.69	0.2016	1.686	2.71	271	100m²	2.5x40

◆ Armex / Castillo

Diseño	Varillas Corrugadas Longitud		Estribos Lisos 15.8 cm		Sección de Concreto	Sección de Castillo Doblado	Peso Teórico
	Diametro (mm)	Grado	Diametro (mm)	Grado	(cm)	(cm)	(kgsxpza)
15-15-14	6.00	60	4.1	50	15x15	10.5x10.5	6.91
15-20-14	6.00	60	4.1	50	15x20	10.5x15.5	7.29
15-25-14	6.00	60	4.1	50	15x25	10.5x20.6	7.66
15-30-14	6.00	60	4.1	50	15x30	10.5x25.7	8.04
12-12-4	5.60	60	4.1	50	12x12	7.9x7.9	6.02
12-20-4	5.60	60	4.1	50	12x20	7.9x15.5	6.58
12-12-3	5.60	60	4.1	50	12x12	7.9x7.9	4.58



◆ Concertina

Clave	Diseño	Diametro	Grado de Seguridad	Largo
53643	CBT - 60	45	Extrema	8
53642	CBT - 65	60	Alta	8
53641	CBT - 65	45	Alta	8
53645	BTO - 22	45	Standard	8
53644	CBT - 60	45	Extrema	8

Especificaciones de la Concertina

Diametro del alambre	2.5 (+0.05)mm
Longitud de cuchilla modelo CBT-60	60mm
Longitud de cuchilla modelo CBT-65	65mm
Separación entre los ejes de las cuchillas	100mm
Espesor de la lámina	0.5 (+0.05)mm

◆ Clavo

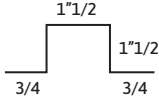
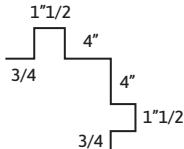
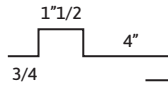
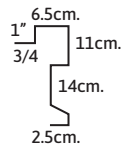
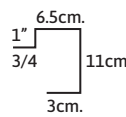
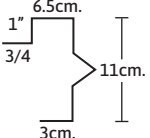
◆ Malla Ciclónica

◆ Malla Desplegada / Mosquired

Pregunta a tu agente de ventas por más productos



PERFIL CARROCERO

DISEÑO	CLAVE	PRODUCTO	PESO
	N1	Estaca 1"1/2x90 cm. calibre 14	2.00
	N2	Estaca 1"1/2x1.80 mt. calibre 14	4.00
	N3	Estaca 1"1/2x2.20 mt. calibre 14	5.00
	N4	Estaca 1"1/2x2.44 mt. calibre 14	5.40
	N5	Estaca 1"1/2x3.05 mt. calibre 14	6.80
	N6	Esquinero integral con estaca 4"x1.80 mt. calibre 14	12.60
	N7	Esquinero integral con estaca 4"x2.20 mt. calibre 14	15.20
	N8	Esquinero integral con estaca 4"x2.44 mt. calibre 14	16.80
	N9	Canaleta integral 4"x1.80 mt. calibre 14	7.50
	N10	Canaleta integral 4"x2.20 mt. calibre 14	9.00
	N11	Canaleta terminal x1.80 mt. calibre 14	7.80
	N12	Canaleta terminal x2.20 mt. calibre 14	9.40
	N13	Porta luz nissan ancho x1.80 mt. calibre 14	13.40
	N69	Porta luz nissan ancho x1.90 mt. calibre 14	14.40
	N15	Cabezal nissan ancho x1.80 mt. calibre 14	6.50
	N70	Cabezal nissan ancho x1.90 mt. calibre 14	7.00
	N17	Faldon nissan ancho x2.60 mt. calibre 14	9.60
	N18	Faldon nissan ancho x2.44 mt. calibre 14	9.00

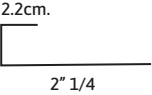
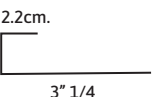
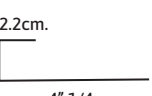
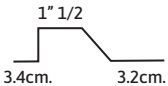
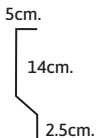
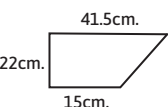
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PERFIL CARROCERO

DISEÑO	CLAVE	PRODUCTO	PESO
	N20	Cargador para nissan ancho x1.80 mt. calibre 14	5.20
	N22	Porta luz doble rodado con botagua 1"x2.30 mt. calibre 12	27.30
	N23	Porta luz doble rodado con botagua 1"x2.44 mt. calibre 12	29.20
	N24	Cabezal doble rodado con botagua 1"x2.30 mt. calibre 12	14.50
	N25	Cabezal doble rodado con botagua 1"x2.44 mt. calibre 12	15.80
	N26	Faldon doble rodado dos venas con botagua 1"x3.05 mt. calibre 12	19.80
	N27	Faldon doble rodado una vena con botagua 1"x3.05 mt. calibre 12	19.50
	N28	Pasamano canal U x2.44 mt. calibre 14	4.60
	N29	Pasamano canal U x3.05 mt. calibre 14	5.80
	N30	Pasamano para camioneta una vena x2.44 mt. calibre 14	5.80
	N31	Pasamano para camioneta una vena x3.05 mt. calibre 14	7.40
	N32	Pasamano tipo pacifico para doble rodado x2.44 mt. calibre 14	7.20
	N33	Pasamano tipo pacifico para doble rodado x3.05 mt. calibre 14	9.00

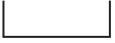
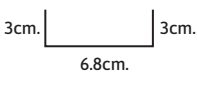
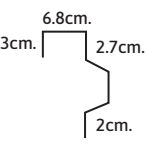
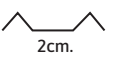
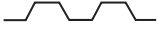
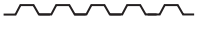
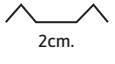
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PERFIL CARROCERO

DISEÑO	CLAVE	PRODUCTO	PESO
	N34	Canaleta sencilla 2"x1.80 mt. calibre 14	2.60
	N35	Canaleta sencilla 2"x2.44 mt. calibre 14	3.60
	N36	Canaleta sencilla 2"x3.05 mt. calibre 14	4.50
	N37	Canaleta sencilla 3"x1.80 mt. calibre 14	3.40
	N38	Canaleta sencilla 3"x2.44 mt. calibre 14	4.50
	N39	Canaleta sencilla 3"x3.05 mt. calibre 14	5.50
	N40	Canaleta sencilla 4"x1.80 mt. calibre 14	4.00
	N41	Canaleta sencilla 4"x2.44 mt. calibre 14	5.50
	N42	Canaleta sencilla 4"x3.05 mt. calibre 14	6.80
	N43	Doble piso para camion x3.05 mt. calibre 12	12.40
	N44	Medio portaluz x2.30 mt. calibre 12	14.60
	N45	Medio portaluz x2.44 mt. calibre 12	16.00
	N46	Cola de pato para nissan calibre 14	1.00
	N47	Cola de pato para doble rodado calibre 12	1.50
	N48	Casquillo tipo monten calibre 14	0.50

¡FABRICAMOS PERFIL CARROCERO A MEDIDA ESPECIAL!

PERFIL CARROCERO

DISEÑO	CLAVE	PRODUCTO	PESO
	N49	Cajonsillo tipo canal calibre 14	0.40
	N50	Tope para portaluz doble rodado calibre 12	0.80
	N51	Pasamano canal Ux3.66 mt. calibre 14	6.80
	N52	Pasamano canal Ux3.66 mt. calibre 12	9.60
	N53	Pasamano tipo pacifico para doble rodado x3.66 mt. calibre 14	10.60
	N54	Pasamano tipo pacifico para doble rodado x3.66 mt. calibre 12	14.60
	N56	Cercha carrocera x3.05 mt. calibre 18	1.50
	N58	Duela sencilla dos venas x3.05 mt. calibre 14	9.60
	N59	Duela sencilla dos venas x2.44 mt. calibre 14	7.80
	N60	Tablero carrocerero con venas 3 pies x3.05 mt. calibre 14	42.50
	N61	Tablero carrocerero con venas 3 pies x2.44 mt. calibre 14	33.60
	N62	Tablero carrocerero con venas 4 pies x3.05 mt. calibre 14	57.40
	N63	Tablero carrocerero con venas 4 pies x2.44 mt. calibre 14	46.00
	N68	Cercha carrocera x3.05 mt. calibre 20	1.20

¡FABRICAMOS PERFIL CARROCERO A MEDIDA ESPECIAL!

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



CELOSÍAS O PANEL DE ACERO

Laminas diseñadas según requerimiento para diferentes usos, principalmente arquitectónicos, estas se pueden elaborar en diferentes espesores



ACANALADO DE LÁMINA

Lámina acanalada utilizada para cubiertas y faldones de naves industriales que requieran buena capacidad estructural y de desagüe



POLÍN MONTEN

El polín monten es un perfil abierto en forma de C utilizado en todo tipo de estructuras metálicas de gran resistencia

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

Doble de 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 20 a calibre 1 1/2"



CORTE CON LÁSER

Corte de piezas regulares e irregulares según diseño desde calibre 22 a calibre 1/2"



ROSCADO

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



DOBLEZ DE TUBO

El proceso de doblez de tubo implica el uso de fuerza mecánica para empujar el material en las paredes del tubo, obligándolo a formar una curvatura con radio específico.



BARRENADO Y PUNZONADO

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



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



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



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