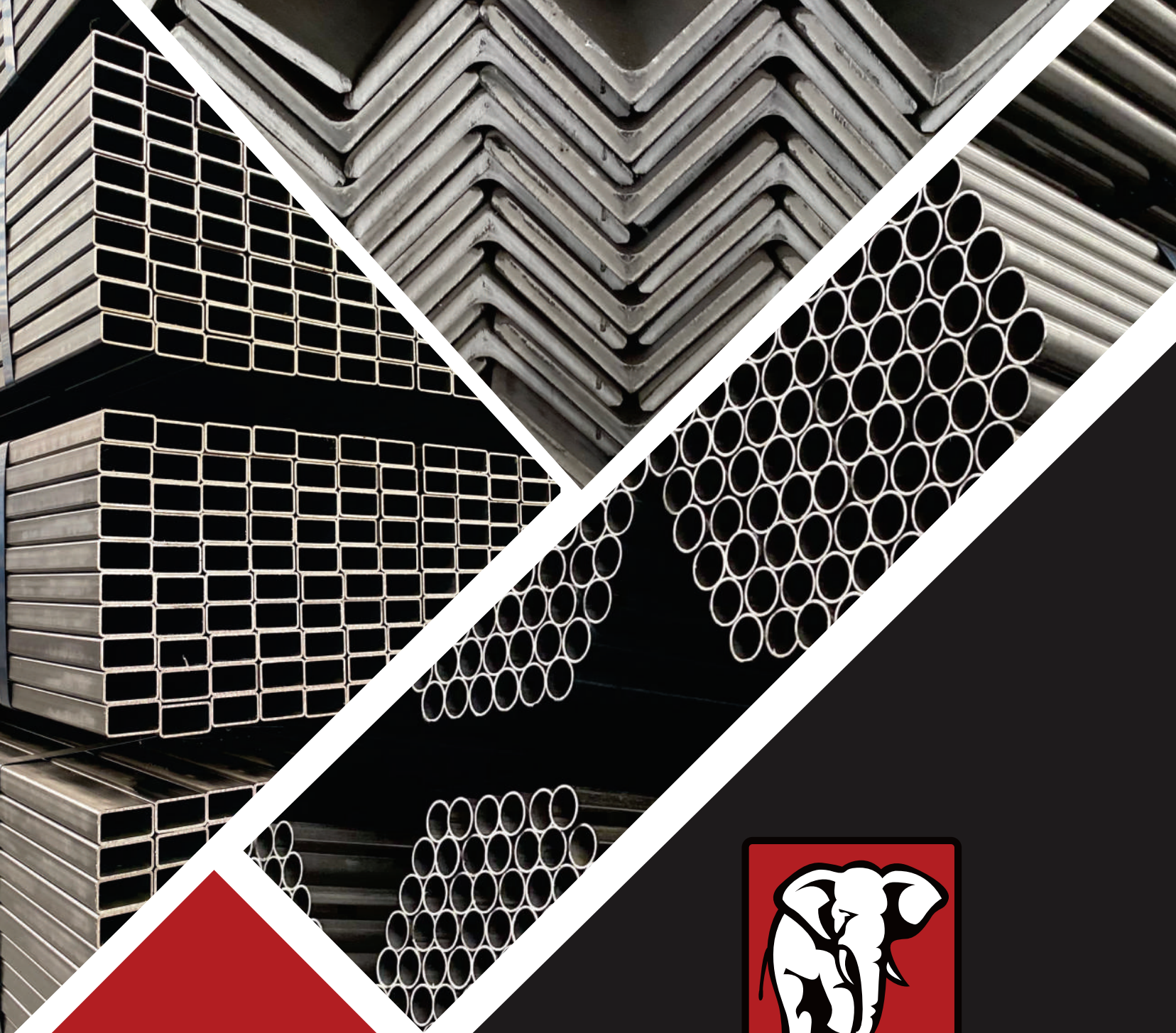
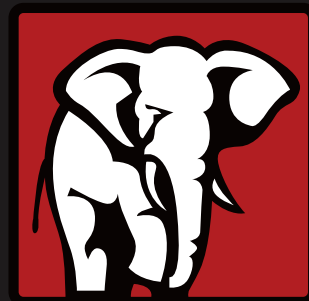




CATÁLOGO DE PRODUCTOS

Medidas, Calibres y Pesos Teóricos

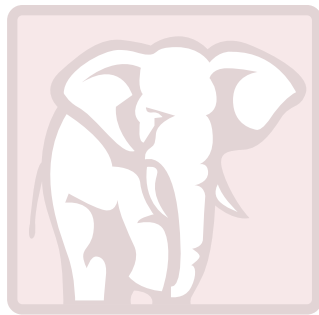


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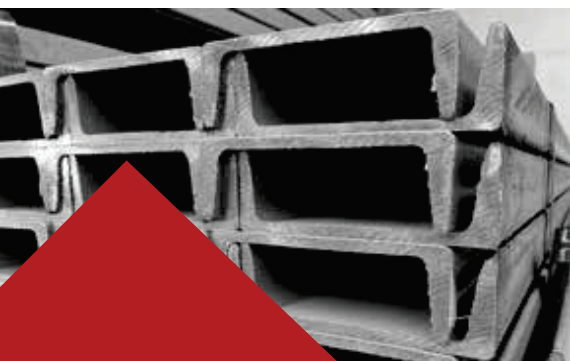
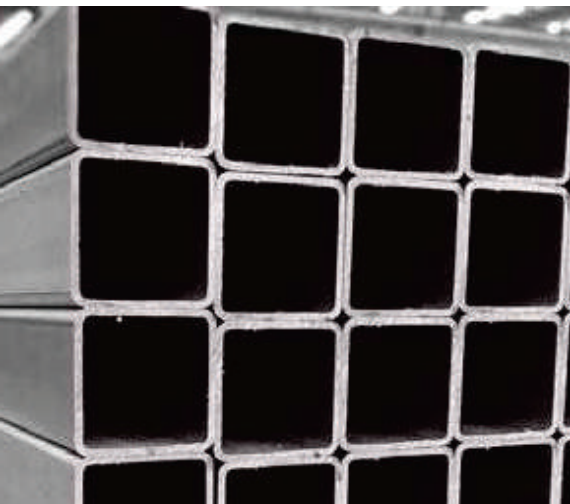


FORTACERO

Ponemos todo nuestro empeño para contar con la existencia y variedad de nuestros productos, pretendiendo siempre cumplir con sus requerimientos.

Contamos con instalaciones en Monterrey, Ciudad de México (2), Guadalajara,

Tijuana, Mexicali, Hermosillo, Culiacán, Chihuahua, Laguna, Saltillo, San Luis Potosí, León, Querétaro, Puebla, Veracruz, Mérida y Aguascalientes entre las cuales mantenemos permanentemente más de 200,000 toneladas en inventario.



En **FORTACERO** dedicamos nuestro mayor esfuerzo en ser la **mejor opción** para nuestros clientes.

En este catálogo presentamos los más de 1,500 diferentes productos (entre diversos tipos y medidas) que manejamos en stock y de los cuáles hemos demostrado mantener constantemente en existencia al menos un 98% de ellos.

NUESTRAS 18 UBICACIONES



La dirección de cada ubicación se encuentra en la contraportada del catálogo



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LÁMINA CALIENTE/ ANTIDERRAPANTE

LÁMINA CALIENTE

Calibre	Espesor		Peso de Hoja por Kilogramo							Peso
	Pulgada	mm	3' x 8'	3' x 10'	4' x 8'	4' x 10'	5' x 10'	5' x 20'	6'	Kg / m
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	LE	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	-	-	36	45	-	-	-	12.09
18	0.048	1.219	-	-	29	36	-	-	-	9.67
20	0.036	0.914	-	-	22	27	-	-	-	7.25

Se maneja Decapada y Sin Decapar

LE | Largo Especial

LÁMINA ANTIDERRAPANTE

Calibre	Espesor		Peso de Hoja por Kilogramo				Peso
	Pulgada	mm	3' x 10'	4' x 10'	5' x 10'	5' x 20'	Kg / m
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	0.187	4.750	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

CONTAMOS CON
SERVICIO DE CORTE
A LARGO ESPECIAL

LÁMINA FRÍA

Calibre	Espesor		Peso de Hoja por Kilogramo				Peso
	Pulgada	mm	3' x 8'	3' x 10'	4' x 8'	4' x 10'	Kg / m
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

**SERVICIO DE CORTE
A LARGO ESPECIAL**

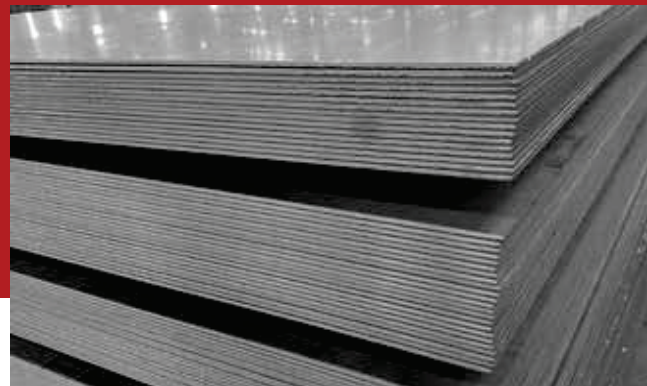
PLACA DE ROLLO

Espesor			Peso de Hoja por Kilogramo							
Pulgada	mm		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	0.187	4.8	84	105	112	140	176	351	421	562
1/4	0.250	6.3	112	140	150	187	234	468	562	749
5/16	0.312	7.9	140	176	187	234	293	585	702	935
3/8	0.375	9.5	168	211	225	281	351	702	842	1,123
7/16	0.437	11.1	-	-	-	-	-	-	982	-
1/2	0.500	12.7	225	281	300	374	468	936	1,123	1,498
5/8	0.625	15.9	281	351	374	468	585	1,170	1,404	1,872
3/4	0.750	19.0	337	421	449	562	702	1,404	1,685	2,246

**LÁMINA FRÍA/
PLACA DE ROLLO**

PLACA DE ROLLO-
PLACA TEMPER /06

PLACA



**SERVICIO DE CORTE
A LARGO ESPECIAL**

PLACA TEMPER

Espesor			Peso de Hoja por Kilogramo							
Pulgada		mm	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	0.187	4.8	84	105	112	140	176	351	421	562
1/4	0.250	6.3	112	140	150	187	234	468	562	749
5/16	0.312	7.9	140	176	187	234	293	585	702	935
3/8	0.375	9.5	168	211	225	281	351	702	842	1,123
7/16	0.437	11.1	-	-	-	-	-	-	982	-
1/2	0.500	12.7	225	281	300	374	468	936	1,123	1,498
5/8	0.625	15.9	281	351	374	468	585	1,170	1,404	1,872
3/4	0.750	19.0	337	421	449	562	702	1,404	1,685	2,246

Planeza: 50% de la Norma ASTM A6 y A568
Corte a Longitud: 48" a 600"
Precisión de Corte: +/- 1/8" . Descuadre 1/8"

**CARACTERÍSTICAS DE
PRODUCTO TERMINADO**

PLACA TEMPER LIBRE DE MEMORIA (SPRING BACK)

GRADOS:
A-36, A-283°C, A-285°C, A516°70,
A-572°50, A-709°50, A-572°65,
SAE 1045.

¡SOLICITA OTRAS DIMENSIONES
Y GRADOS!



PLACA DE HOJA

Espesor			Peso		Peso por placa en Kilogramos											
Pulgada		mm	Kg/m2	Kg/pie2	3'x 6'	3'x 8'	3'x 10'	4'x 8'	4'x 10'	5'x 10'	5'x 20'	6'x 20'	6'x 40'	8'x 20'	8'x 40'	10'x 40'
1/4	0.250	6.3	50.38	5	-	112*	140	150	187	234	468	562	-	749	-	-
5/16	0.312	7.9	62.97	6	-	140*	176	187	234	293	585	702	-	936	-	-
3/8	0.375	9.5	75.56	7	-	168*	211	225	281	351	702	842	1,685	1,123	2,246	2,808
7/16	0.437	11.1	88.05	8	-	-	246	-	-	-	-	982	-	-	-	-
1/2	0.500	12.7	100.75	9	-	225*	281	300	374	468	936	1,123	2,246	1,498	2,995	3,744
9/16	0.562	14.3	113.24	11	-	-	316	-	-	-	-	1,262	-	-	-	-
5/8	0.625	15.9	125.94	12	211	281	351	374	468	585	1,170	1,404	2,808	1,872	3,744	4,680
3/4	0.750	19.0	151.12	14	253	337	421	449	562	702	1,404	1,685	3,370	2,246	4,493	5,616
7/8	0.875	22.2	176.31	16	-	-	491	-	-	-	-	1,966	-	2,621	-	-
1	1	25.4	201.50	19	337	449	562	599	749	936	1,872	2,246	4,493	2,995	5,990	7,488
1 1/8	1.125	28.6	226.69	21	-	-	632	-	-	-	-	2,527	-	3,370	6,739	-
1 1/4	1.250	31.7	251.88	23	-	562	702	749	936	1,170	2,340	2,808	5,616	3,744	7,488	-
1 3/8	1.375	34.9	277.06	26	-	-	-	-	-	-	-	-	-	4,118	-	-
1 1/2	1.500	38.1	302.25	28	-	674	842	899	1,123	1,404	2,808	3,370	-	4,493	8,986	-
1 5/8	1.625	41.3	327.44	30	-	-	-	-	-	-	-	-	-	4,867	-	-
1 3/4	1.750	44.4	352.62	33	-	-	983	-	-	1,872	-	3,931	-	5,242	-	-
2	2	50.8	403.00	37	-	899	-	1,198	1,498	-	3,744	4,493	-	5,990	11,981	-
2 1/4	2.250	57.1	453.38	42	-	-	1,123	-	1,685	-	-	5,054	-	6,739	-	-
2 1/2	2.500	63.5	503.75	47	-	-	1,264	-	1,872	-	-	5,616	-	7,488	-	-
2 3/4	2.750	69.8	554.12	51	-	-	1,404	-	-	-	-	-	-	8,237	-	-
3	3	76.2	604.50	56	-	-	-	-	2,246	-	-	6,739	-	8,986	-	-
3 1/2	3.500	88.9	705.25	66	-	-	1,685	-	-	-	6,552	7,935	-	10,483	-	-
4	4	101.6	806.00	75	-	-	-	-	-	-	7,448	9069	-	11,981	-	-
4 1/2	4.500	114.3	906.75	84	-	-	-	-	-	-	-	-	-	13,478	-	-
5	5	127.0	1007.50	94	-	-	-	-	-	-	-	11,232	-	14,976	-	-
5 1/2	5.500	139.7	1108.25	103	-	-	-	-	-	-	-	12,355	-	16,474	-	-
6	6	152.4	1209.20	112	-	-	-	-	-	-	-	13,478	-	-	-	-

▴ *Estos materiales se cotizan sobre pedido

PLACA VARIOS X VARIOS

3/16" - 6"
Placa con dimensiones NO standard.
Sin certificado
Garantizamos que dobla a 90°

LAMINA Y PLACA DE GRADO

A-285°C, A-516°70, A-572°50,A-572°65 Y SAE1045

Calibre	Espesor		Kg/m					Kg/hoja				Peso
	Pulgada	mm	3'	4'	5'	6'	8'	4' x 20'	5' x 20'	6' x 20'	8' x 20'	Kg/m2
14	0.075	1.905	13.82	-	-	-	-	-	-	-	-	15.11
12	0.105	2.667	-	25.80	-	-	-	157	-	-	-	21.16
1/8	0.125	3.175	-	-	-	46.00	-	-	-	281	-	25.19
10	0.135	3.429	-	33.17	-	-	-	202	-	-	-	27.20
3/16	0.187	4.750	-	45.94	57.43	68.91	-	280	350	420	-	37.68
1/4	0.250	6.350	-	61.42	76.77	92.13	122.83	374	468	562	749	50.38
5/16	0.312	7.925	-	76.65	95.81	114.97	153.30	467	584	701	935	62.87
3/8	0.375	9.525	-	92.13	115.16	138.19	184.25	562	702	842	1,123	75.56
1/2	0.500	12.700	-	122.83	153.54	184.25	245.67	749	936	1,123	1,498	100.75
5/8	0.625	15.875	-	-	191.93	230.31	307.09	-	1,170	1,404	1,872	125.94
3/4	0.750	19.050	-	-	230.31	276.38	368.50	-	1,404	1,685	2,246	151.13



RECUBIERTOS



HOJA LISA

Calibre	Espesor		Kg/ml		Peso por Hoja (Kg/ Pza)			
	Pulgada	mm	3'	4'	3' x 8'	3' x 10'	4' x 8'	4' x 10'
14	0.076	1.92	14.02	18.62	34.2	42.7	45.4	56.7
16	0.061	1.54	11.25	14.96	27.4	34.3	36.5	45.6
18	0.049	1.24	9.03	12.00	22.0	27.5	29.3	36.6
20	0.037	0.93	6.83	9.07	16.6	20.8	22.1	27.6
22	0.031	0.78	5.71	7.62	13.9	17.4	18.6	23.2
24	0.022	0.55	4.06	5.42	9.9	12.4	13.2	16.5
26	0.019	0.48	3.52	4.69	8.6	10.7	11.4	14.3

Galvanizado G60. Tolerancia 3/4 ASTM. Peso teórico +/- 7%.

LÁMINA ACANALADA

R-72 / O-725/ O-30

Calibre	Espesor		Peso por Hoja (Kg / Pza)									Peso
	Pulgada	mm	3' x 8'	3' x 10'	3' x 12'	3' x 14'	3' x 16'	3' x 18'	3' x 20'	3' x 22'	3' x 24'	Kg / ml
22	0.031	0.78	13.9	17.4	20.9	24.4	27.8	31.3	34.8	38.3	41.8	5.71
24	0.022	0.55	9.9	12.4	14.8	17.3	19.8	22.3	24.7	27.2	29.7	4.06
26	0.019	0.48	8.6	10.7	12.9	15.0	17.2	19.3	21.5	23.6	25.7	3.52
28	0.016	0.40	7.2	9.0	10.9	12.7	14.5	16.3	18.1	19.9	21.7	2.97
30	0.013	0.33	5.9	7.4	8.9	10.4	11.9	13.4	14.9	16.4	17.8	2.44
32	0.011	0.27	4.9	6.1	7.3	8.5	9.7	11.0	12.2	13.4	14.6	2.00

R-72

Poder cubriente 72 cm

2.51 cm

O-725

Poder cubriente 71.5 cm (cubierta)

1.90 cm

O-30

Poder cubriente 77.8 cm (cubierta)

1.50 cm

Recubrimiento Galvanizado G60, Zintroalum y Pintada. Tolerancia 3/4 ASTM. Peso teórico +/- 7%.

R-101 / O-100 / RN-100/35

Calibre	Espesor		Peso por Hoja (Kg/ Pza)									Peso
	Pulgada	mm	4' x 8'	4' x 10'	4' x 12'	4' x 14'	4' x 16'	4' x 18'	4' x 20'	4' x 22'	4' x 24'	Kg / ml
22	0.031	0.78	18.6	23.2	27.8	32.5	37.2	41.8	46.4	51.1	55.7	7.62
24	0.022	0.55	13.2	16.5	19.8	23.1	26.4	29.7	33.0	36.3	39.6	5.42
26	0.019	0.48	11.4	14.3	17.1	20.0	22.9	25.7	28.6	31.4	34.3	4.69
28	0.016	0.40	9.7	12.0	14.5	16.9	19.3	21.7	24.1	26.5	28.9	3.96

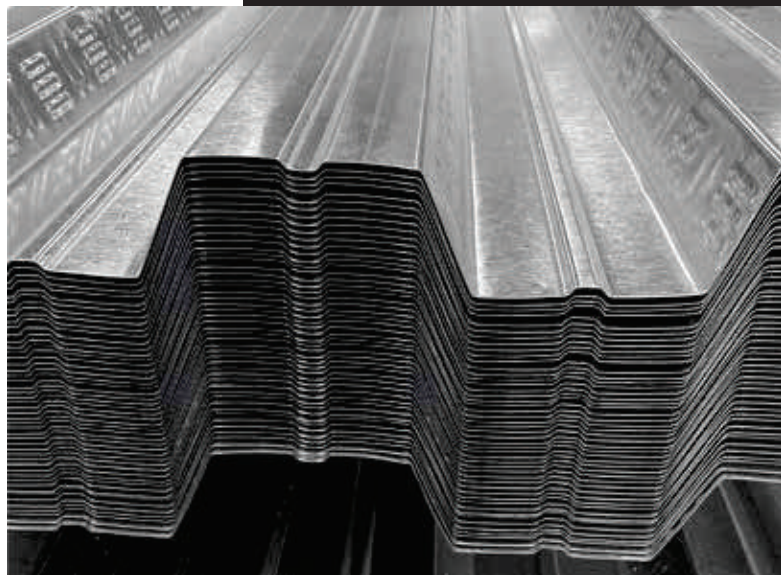


▴ Recubrimiento Galvanizado G60, Zintroalum y Pintada. Tolerancia 3/4 ASTM. Peso teórico +/- 7%

FORTADECK (LOSACERO)

SEC	CALIBRE	Espesor Nominal		Peso Aprox.	
		pulg	mm	kg/ml	kg/m2
15	18	0.049	1.23	11.96	13.09
	20	0.037	0.93	9.06	9.91
	22	0.031	0.77	7.60	8.32
	24	0.025	0.63	6.20	6.78
25	18	0.049	1.23	11.96	13.09
	20	0.037	0.93	9.06	9.91
	22	0.031	0.77	7.60	8.32
	24	0.025	0.63	6.20	6.78
30	18	0.049	1.23	11.96	13.09
	20	0.037	0.93	9.06	9.91
	22	0.031	0.77	7.60	8.32

**¡SOMOS FABRICANTES,
OFRECEMOS CORTE A
LARGOS ESPECIALES!**

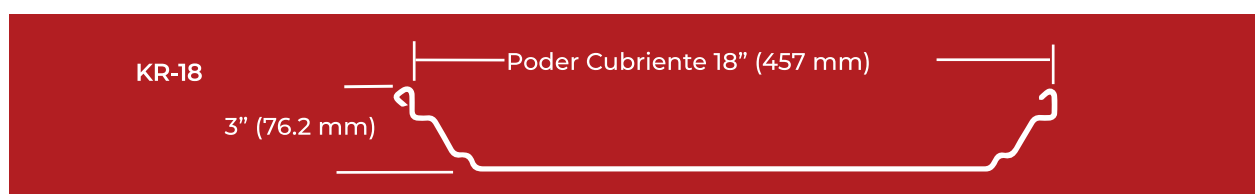


▴ Se maneja desde 2.5 hasta 12.20 m de largo.
Tolerancia 3/4 ASTM. Peso teórico +/- 7%
Recubrimiento galvanizado G60

CINTA KR-18

Calibre	Peso por área instalada (kg/m ²)	Recub	Grado	Norma
22	8.316	Zintro	Fy = 33 ksi	ASTM A653
24	5.923	Zintro Alum		ASTM A792
26	5.126	Pintada		ASTM A653

▶ En catálogo Cal.24. Recubrimiento Galvanizado G60, Zintroalum y Pintada.



La lámina KR-18 es una charola rolada y engargolada en obra.

Se utiliza una máquina roladora donde se montan las cintas de 24" para hacer el conformado de la lámina, para posteriormente subir a la techumbre para colocarse una por una, y ser unidas longitudinalmente con un equipo portátil de engargolado.

Esta charola puede ser de longitudes superiores a los 15 m. ya que es fabricada de manera continua, y su limitante será el tamaño de la cinta utilizada.



Acabados:

- ▶ **G-60** resistente a la corrosión.
- ▶ **Zintro Alum** proporciona hasta 3 veces más duración y resistencia a corrosión que el galvanizado
- ▶ **Pintado** ofrece una alta resistencia al intemperismo

Dimensiones		Peso		Peralte		Ancho del patín		Espesor del patín		Espesor del alma	
pulg	mm	kg/m	lb/ft	pulg	mm	pulg	mm	pulg	mm	pulg	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 28.3	16 19	5.01 5.15	127 131	5.00 5.03	127 128	0.36 0.43	9.1 10.9	0.24 0.27	6.1 6.9
6" x 4"	152.4 x 101.6	12.7 13.4 17.9 23.8	8.5 9 12 16	5.83 5.90 6.03 6.28	148 150 153 160	3.94 3.94 4.00 4.03	100 100 102 102	0.19 0.22 0.28 0.41	4.8 5.6 7.1 10.4	0.17 0.17 0.23 0.26	4.3 4.3 5.8 6.6
6" x 6"	152.4 x 152.4	22.3 29.8 37.2	15 20 25	5.99 6.20 6.38	152 157 162	5.99 6.02 6.08	152 153 154	0.26 0.37 0.46	6.6 9.4 11.7	0.23 0.26 0.32	5.8 6.6 8.1
8" x 4"	203.2 x 101.6	14.9 19.3 22.3	10 13 15	7.89 7.99 8.11	200 203 206	3.94 4.00 4.02	100 102 102	0.21 0.26 0.32	5.3 6.6 8.1	0.17 0.23 0.25	4.3 5.8 6.3
8" x 5 1/4"	203.2 x 133.3	26.8 31.3	18 21	8.14 8.28	207 210	5.25 5.27	133 134	0.33 0.40	8.4 10.2	0.23 0.25	5.8 6.3
8" x 6 1/2"	203.2 x 165.1	35.7 41.7	24 28	7.93 8.06	201 205	6.50 6.54	165 166	0.40 0.47	10.2 11.9	0.25 0.29	6.3 7.4
8" x 8"	203.2 x 203.2	46.1 52.1 59.5 71.4 86.0 99.0	31 35 40 48 58 67	8.00 8.12 8.25 8.50 8.74 9.02	203 206 210 216 222 229	8.00 8.02 8.07 8.11 8.23 8.27	203 204 205 206 209 210	0.44 0.50 0.56 0.69 0.81 0.93	11.2 12.7 14.2 17.4 20.6 23.7	0.29 0.31 0.36 0.40 0.51 0.57	7.4 7.9 9.1 10.2 13.0 14.5
10" x 4"	254.0 x 101.6	17.9 22.3 25.3 28.3	12 15 17 19	9.87 9.99 10.11 10.24	251 254 257 260	3.96 4.00 4.01 4.02	101 102 102 102	0.21 0.27 0.33 0.40	5.3 6.9 8.4 10.2	0.19 0.23 0.24 0.25	4.8 5.8 6.1 6.3
10" x 5 3/4"	254.0 x 146.0	32.7 38.7 44.6	22 26 30	10.17 10.33 10.47	258 262 266	5.75 5.77 5.81	146 147 148	0.36 0.44 0.51	9.1 11.2 13.0	0.24 0.26 0.30	6.1 6.6 7.6
10" x 8"	254.0 x 203.2	49.1 58.0 67.0	33 39 45	9.73 9.92 10.10	247 252 257	7.96 7.99 8.02	202 203 204	0.44 0.53 0.62	11.2 13.5 15.7	0.29 0.32 0.35	7.4 8.1 8.9
10" x 10"	254.0 x 254.0	72.9 80.4 89.4 101.2 114.6 131.1 148.9 167.0	49 54 60 68 77 88 100 112	9.98 10.09 10.22 10.40 10.60 10.84 11.10 11.38	253 256 260 264 269 275 282 289	10.00 10.03 10.08 10.13 10.19 10.26 10.35 10.43	254 255 256 257 259 261 263 265	0.56 0.62 0.68 0.77 0.87 0.99 1.12 1.25	14.2 15.7 17.3 19.6 22.1 25.1 28.4 31.8	0.34 0.37 0.42 0.47 0.53 0.61 0.68 0.76	8.6 9.4 10.7 11.9 13.5 15.4 17.3 19.2
12" x 4"	304.8 x 101.6	20.8 23.8 28.3 32.7	14 16 19 22	11.91 11.99 12.16 12.31	303 305 309 313	3.97 3.99 4.01 4.03	101 101 102 102	0.23 0.27 0.35 0.43	5.8 6.9 8.9 10.9	0.20 0.22 0.24 0.26	5.1 5.6 6.1 6.6
12" x 6 1/2"	304.8 x 165.1	38.7 44.6 52.1	26 30 35	12.22 12.34 12.50	310 313 317	6.49 6.52 6.56	165 166 167	0.38 0.44 0.52	9.7 11.2 13.2	0.23 0.26 0.30	5.8 6.6 7.6
12" x 8"	304.8 x 203.2	59.5 67.0 74.4	40 45 50	11.94 12.06 12.19	303 306 310	8.01 8.05 8.08	203 204 205	0.52 0.58 0.64	13.2 14.7 16.3	0.30 0.34 0.37	7.6 8.6 9.4
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	96.7 107.1 117.6 129.6 142.9 157.9 178.6 202.4 226.2 253.0	65 72 79 87 96 106 120 136 152 170	12.12 12.25 12.38 12.53 12.71 12.89 13.12 13.41 13.71 14.03	308 311 314 318 323 327 333 341 348 356	12.00 12.04 12.08 12.13 12.16 12.22 12.32 12.40 12.48 12.57	305 306 307 308 309 310 313 315 317 319	0.61 0.67 0.74 0.81 0.90 0.99 1.10 1.25 1.40 1.56	15.5 17.0 18.8 20.6 22.9 25.1 28.1 31.8 35.6 39.6	0.39 0.43 0.47 0.52 0.55 0.61 0.71 0.79 0.87 0.96	9.9 10.9 11.9 13.1 14.0 15.5 18.0 20.1 22.1 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 6.1

Dimensiones		Peso		Peralte		Ancho del patín		Espesor del patín		Espesor del alma	
pulg	mm	kg/m	lb/ft	pulg	mm	pulg	mm	pulg	mm	pulg	mm
14" x 6 3/4"	355.6 x 171.4	44.6 50.6 56.5	30 34 38	13.84 13.98 14.10	352 355 358	6.73 6.75 6.77	171 171 172	0.39 0.46 0.52	9.9 11.7 13.2	0.27 0.29 0.31	6.9 7.4 7.9
14" x 8"	355.6 x 203.2	64.0 71.4 78.9	43 48 53	13.66 13.79 13.92	347 350 354	8.00 8.03 8.06	203 204 205	0.53 0.60 0.66	13.5 15.2 16.8	0.31 0.34 0.37	7.9 8.6 9.4
14" x 10"	355.6 x 254.0	90.8 101.2 110.1 122.0	61 68 74 82	13.89 14.04 14.17 14.31	353 357 360 363	10.00 10.04 10.07 10.13	254 255 256 257	0.65 0.72 0.79 0.86	16.5 18.3 20.1 21.8	0.38 0.42 0.45 0.51	9.7 10.7 11.4 13.0
14" x 14 1/2"	355.6 x 368.3	133.9 147.3 162.2 178.6 196.4	90 99 109 120 132	14.02 14.16 14.32 14.48 14.66	356 360 364 368 372	14.52 14.57 14.61 14.67 14.73	369 370 371 373 374	0.71 0.78 0.86 0.94 1.03	18.0 19.8 21.8 23.9 26.2	0.44 0.49 0.53 0.59 0.65	11.2 12.4 13.5 15.0 16.5
14" x 16"	355.6 x 406.4	215.8 236.6 261.9 287.2 314.0 346.7 382.4 421.1 462.8	145 159 176 193 211 233 257 283 311	14.78 14.98 15.22 15.48 15.72 16.04 16.38 16.74 17.12	375 380 387 393 399 407 416 425 434	15.50 15.57 15.65 15.71 15.80 15.89 15.99 16.11 16.23	394 395 398 399 401 404 406 409 412	1.09 1.19 1.31 1.44 1.56 1.72 1.89 2.07 2.26	27.7 30.2 33.3 36.6 39.6 43.7 48.0 52.6 57.4	0.68 0.75 0.83 0.89 0.98 1.07 1.17 1.29 1.41	17.3 19.0 21.1 22.6 24.9 27.2 29.7 32.8 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 59.5 67.0 74.4 84.8	36 40 45 50 57	15.86 16.01 16.13 16.26 16.43	403 407 410 413 417	6.99 7.00 7.04 7.07 7.12	178 178 179 180 181	0.43 0.51 0.57 0.63 0.72	10.9 13.0 14.5 16.0 18.3	0.30 0.31 0.35 0.38 0.43	7.6 7.9 8.9 9.7 10.9
16" x 10 1/4"	406.4 x 260.3	99.7 114.6 132.6 149.0	67 77 89 100	16.33 16.52 16.75 16.97	415 420 425 431	10.24 10.30 10.37 10.43	260 262 263 265	0.67 0.76 0.88 0.99	17.0 19.3 22.2 25.0	0.40 0.46 0.53 0.59	10.2 11.7 13.3 14.9
18" x 6"	457.2 x 152.4	52.1 59.5 68.4	35 40 46	17.70 17.90 18.06	450 455 459	6.00 6.02 6.06	152 153 154	0.43 0.53 0.61	10.9 13.5 15.5	0.30 0.32 0.36	7.6 8.1 9.1
18" x 7 1/2"	457.2 x 190.5	74.4 81.8 89.3 96.7 105.6	50 55 60 65 71	17.99 18.11 18.24 18.35 18.47	457 460 463 466 469	7.50 7.53 7.56 7.59 7.64	190 191 192 193 194	0.57 0.63 0.70 0.75 0.81	14.5 16.0 17.8 19.0 20.6	0.36 0.39 0.42 0.45 0.50	9.1 9.9 10.7 11.4 12.7
18" x 11"	457.2 x 297.4	113.1 128.0 144.3 157.7 177.1 193.5 212.8 235.1 260.0	76 86 97 106 119 130 143 158 175	18.21 18.39 18.59 18.73 18.97 19.25 19.49 19.72 20.04	463 467 472 476 482 489 495 501 509	11.04 11.09 11.15 11.20 11.27 11.16 11.22 11.30 11.38	280 282 283 284 286 284 285 287 289	0.68 0.77 0.87 0.94 1.06 1.20 1.32 1.44 1.59	17.3 19.6 22.1 23.9 26.9 30.5 33.5 36.6 40.4	0.43 0.48 0.54 0.59 0.66 0.67 0.73 0.81 0.90	10.9 12.2 13.7 15.0 16.8 17.0 18.5 20.6 22.6
21" x 6 1/2"	533.4 x 165.1	65.5 74.4 84.8	44 50 57	20.66 20.83 21.06	525 529 534	6.50 6.53 6.56	165 166 166	0.45 0.54 0.65	11.4 13.7 16.5	0.35 0.38 0.41	8.9 9.7 10.4
21" x 8 1/4"	533.4 x 209.5	71.5 81.8 92.3 101.2 108.7 123.5 138.4	48 55 62 68 73 83 93	20.63 20.80 20.99 21.13 21.24 21.43 21.62	524 528 533 537 539 544 549	8.15 8.22 8.24 8.27 8.30 8.36 8.42	207 209 209 210 211 212 214	0.43 0.52 0.62 0.69 0.74 0.84 0.93	10.9 13.2 15.7 17.5 18.8 21.3 23.6	0.35 0.38 0.40 0.43 0.46 0.52 0.58	9.0 9.6 10.2 10.9 11.6 13.2 14.7
21" x 12 1/4"	533.4 x 311.1	150.3 165.2 181.5 196.7 218.7 247.0	101 111 122 132 147 166	21.36 21.51 21.68 21.83 22.06 22.48	543 546 551 554 560 560	12.29 12.34 12.39 12.44 12.51 12.42	312 313 315 316 318 315.5	0.80 0.88 0.96 1.04 1.15 1.36	20.3 22.4 24.4 26.3 29.2 34.5	0.50 0.55 0.60 0.65 0.72 0.75	12.7 14.0 15.2 16.5 18.3 19.1

Cumple con los grados de acero A-36 , A-572 °50, A-992

Dimensiones		Peso		Peralte		Ancho del patín		Espesor del patín		Espesor del alma	
pulg	mm	kg/m	lb/ft	pulg	mm	pulg	mm	pulg	mm	pulg	mm
24" x 7"	609.6 x 177.8	81.8 92.3	55 62	23.57 23.74	599 603	7.01 7.04	178 179	0.51 0.59	13.0 15.0	0.40 0.43	10.2 10.9
24" x 9"	609.6 x 228.6	101.2 113.1 125.0 139.9 153.3	68 76 84 94 103	23.73 23.92 24.10 24.31 24.53	603 608 612 617 623	8.97 8.99 9.02 9.07 9.00	228 228 229 230 229	0.59 0.68 0.77 0.88 0.98	15.0 17.3 19.6 22.4 24.9	0.42 0.44 0.47 0.52 0.55	10.7 11.2 11.9 13.2 14.0
24" x 12 3/4"	609.6 x 323.8	154.8 174.1 194.9 217.3 241.0 261.9 285.0 306.0	104 117 131 146 162 176 192 207	24.06 24.26 24.48 24.74 25.00 25.24 25.47 25.70	611 616 622 628 635 641 647 653	12.75 12.80 12.86 12.90 12.95 12.89 12.95 13.00	324 325 327 328 328 327 329 330	0.75 0.85 0.96 1.09 1.22 1.34 1.46 1.57	19.0 21.6 24.4 27.7 31.0 34.0 37.1 39.9	0.50 0.55 0.61 0.65 0.70 0.75 0.81 0.87	12.7 14.0 15.5 16.5 17.8 19.1 20.6 22.1
27" x 14"	685.8 x 355.6	217.3 239.6 265.0 289.0	146 161 178 194	27.38 27.59 27.79 28.11	695 701 706 714	13.97 14.02 14.09 14.01	355 356 358 356	0.98 1.08 1.19 1.34	24.9 27.4 30.2 34.0	0.61 0.66 0.72 0.75	15.5 16.8 18.4 19.0
30" x 10 1/2"	762.0 x 266.7	133.9 147.3 160.7 172.6 184.7 196.4 220.2	90 99 108 116 124 132 148	29.53 29.65 29.83 30.01 30.17 30.31 30.67	750 753 758 762 766 769 779	10.40 10.45 10.48 10.50 10.52 10.54 10.48	264 265 266 267 267 267 266	0.61 0.67 0.76 0.85 0.93 1.00 1.18	15.5 17.0 19.3 21.6 23.6 25.4 30.0	0.47 0.52 0.55 0.57 0.59 0.61 0.65	11.9 13.2 14.0 14.5 14.9 15.5 16.5
27 "x 10"	658.8 x 254.0	125.0 139.9 151.8 169.6 192.0	84 94 102 114 129	26.71 26.92 27.09 27.29 27.63	678 684 688 693 702	9.96 9.99 10.02 10.07 10.01	253 254 255 256 254	0.64 0.75 0.83 0.93 1.10	16.3 19.0 21.1 23.6 27.9	0.46 0.49 0.52 0.57 0.61	11.7 12.4 13.2 14.5 15.5
30" x 15"	762.0 x 381.0	257.5 284.2 314.0	173 191 211	30.43 30.66 30.94	773 779 786	15.00 15.04 15.12	381 382 384	1.07 1.19 1.31	27.1 30.1 33.4	0.66 0.71 0.78	16.7 18.0 19.7
33" x 11 1/2"	838.2 x 292.1	175.6 193.4 209.8 226.2	118 130 141 152	32.86 33.09 33.30 33.49	835 840 846 850	11.48 11.51 11.54 11.56	292 292 293 293	0.74 0.86 0.96 1.05	18.8 21.8 24.4 26.7	0.55 0.58 0.61 0.63	14.0 14.7 15.5 16.0
33" x 15 3/4"	838.2 x 400.1	299.0 329.0	201 221	33.70 33.90	856 861	15.71 15.79	399 401	1.15 1.28	29.2 32.5	0.72 0.77	18.2 19.7
36" x 12"	914.4 x 304.8	200.9 223.2 238.1 253.3 312.5	135 150 160 170 210	35.55 35.85 36.01 36.17 36.69	903 911 915 918 932	11.95 11.98 12.00 12.03 12.18	304 304 305 306 309	0.79 0.94 1.02 1.10 1.36	20.1 23.9 25.9 27.9 34.5	0.60 0.63 0.65 0.68 0.83	15.2 16.0 16.5 17.2 21.1
40" x 12"	1016 x 304.8 1016 x 304.8 1016 x 304.8 1016 x 304.8	221.7 248.5 272.3 314.0	149 167 183 211	38.20 38.59 38.98 39.37	970 980 990 1000	11.81 11.81 11.81 11.81	300 300 300 300	0.83 1.025 1.2 1.415	21.1 26.04 30.48 35.94	0.63 0.65 0.65 0.75	16.0 16.51 16.51 19.05
44" x 16"	1117.6 x 406.4 1117.6 x 406.4 1117.6 x 406.4	343 390 433	230 262 290	42.91 43.31 43.62	1090 1100 1108	15.75 15.75 15.83	400 400 402	1.22 1.41 1.57	31 36 40	0.71 0.79 0.87	18 20 22

**PODEMOS CONSEGUIR
CUALQUIER MEDIDA DE
VIGA IPR**



VIGA IPS / VIGA CARROCERA



VIGA IPS

Peralte		Peso		Ancho del patín		Espesor del alma	
pulg	mm	kg/m	lb/ft	pulg	mm	pulg	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
7.87	200.0	26.20	16.7	3.54	90	0.27	7
8	203.2	27.38	18.4	4.00	102	0.27	7

▶ En largos de 6.10 y 12.20 m en acero A-36

VIGA CARROCERA

Peralte		Peso		Ancho del patín	Espesor del alma
pulg	mm	kg/m	lb/ft	pulg	pulg
4 x 2 1/4	101.6 x 57.15	4.83	3.25	2.25	0.092

ÁNGULOS LADOS IGUALES

Espesor	Ancho	Espesor	Ancho	Peso
Pulgada	Milímetros			Kg/m
.109	3/4	2.8	19.0	0.80
	1		25.4	1.05
	1 1/4		31.7	1.33
	1 1/2		38.1	1.61
1/8	3/4	3.2	19.0	0.88
	1		25.4	1.19
	1 1/4		31.7	1.50
	1 1/2		38.1	1.83
	2		50.8	2.46
3/16	1	4.8	25.4	1.73
	1 1/4		31.7	2.20
	1 1/2		38.1	2.68
	1 3/4		44.4	3.15
	2		50.8	3.63
	2 1/2		63.5	4.57
	3		76.2	5.52
1/4	1	6.3	25.4	2.22
	1 1/4		31.7	2.86
	1 1/2		38.1	3.48
	2		50.8	4.75
	2 1/2		63.5	6.10
	3		76.2	7.29
	4		101.6	9.82
5/16	3	7.9	76.2	9.08
	4		101.6	12.20
3/8	2	9.5	50.8	6.99
	2 1/2		63.5	8.78
	3		76.2	10.71
	4		101.6	14.58
	5		127.0	18.30
	6		152.4	22.17
1/2	3	12.7	76.2	13.99
	4		101.6	19.05
	6		152.4	29.16
0.156	1 1/2	4.0	38.1	1.61
	2	4.0	50.8	3.63
1/2	5	12.7	127	18.23
5/8	6	15.9	152.4	22.17
3/4	6	19.05	152.4	22.17

▲ A 6.10 de largo (20 pies) y se maneja en
 acero A-36 ó A-529°50

ÁNGULOS

Espesor	Ancho	Espesor	Ancho	Peso
Pulgada	Milímetros			Kg/m
.109	1	2.8	25.4	1.05
	1 1/4		31.7	1.33
	1 1/2		38.1	1.61
1/8	1 1/2	3.2	38.1	1.83
	1 3/4		44.4	2.14
	2		50.8	2.46
3/16	1 3/4	4.8	44.4	3.15
	2		50.8	3.63
	2 1/2		63.5	4.57
1/4	3	6.3	76.2	5.52
	3 1/2		88.9	7.29
	4		101.6	9.82
5/16	3	7.9	76.2	9.08
	3 1/2		88.9	10.71
	4		101.6	12.20
	5		127.0	15.32
3/8	6	9.5	152.4	18.45
	3		76.2	10.71
	3 1/2		88.9	12.64
7/16	4	11.1	101.6	14.58
	6		152.4	22.17
	5		127.0	18.30
1/2	6	12.7	152.4	22.17
	3		76.2	13.99
	4		101.6	19.05
9/16	5	14.3	127.0	24.11
	6		152.4	29.16
	8		203.2	39.28
5/8	8	15.9	203.2	44.05
	4		101.6	23.36
	6		152.4	36.01
3/4	8	19.0	203.2	48.66
	6		152.4	42.71
	8		203.2	57.88
7/8	6	22.2	152.4	66.96
	8		203.2	152.4
	1		25.4	55.65
1 1/8	6	25.4	152.4	75.89
	8		203.2	84.67
	1 1/2		28.6	203.2
1/2	3 1/2	12.7	88.9	12.64

▲ A 12.20 de largo (40 pies) y 6.10 de largo (20 pies)
 y se maneja en acero A-572°50 ó A-529°50



ÁNGULOS LADOS DESIGUALES

Espesor	Ancho	Espesor	Ancho	Peso
Pulgada		mm.		Kg/m
1/4 x 4 x 3		6.3 x 101.6 x 76.2		8.63
5/16 x 6 x 4		7.9 x 152.4 x 101.6		15.33
3/8 x 4 x 3		9.5 x 101.6 x 76.2		12.65
3/8 x 6 x 4		9.5 x 152.4 x 101.6		18.30
1/2 x 6 x 4		12.7 x 152.4 x 101.6		24.11

▲ Ángulo a 12.20 m (40 pies) y 6.10 m. (20 pies)

**Contamos con servicio de
corte a medida en Sierra Cinta**

**Se manejan en Acero
A-36 ó A-529°50**

Espesor	Ancho	Espesor	Ancho	Peso
Pulgada		mm.		Kg/m
3/16 x 3 x 2		4.8 x 76.2 x 50.8		4.57
1/4 x 3 x 2		6.3 x 76.2 x 50.8		6.10

▲ Ángulos a 6.10 m. (20 pies)

PERFIL TEE

Espesor	Ancho	Espesor	Ancho	Peso
Pulgada		mm.		Kg/m
1/8 x 1		3.2 x 25.4		1.31

▲ Perfil a 6.10 m. (20 pies)



Pulgada		Milímetros		Kg/m
1/8	1/2	3.2	12.7	0.32
	3/4		19.0	0.47
	1		25.4	0.63
	1 1/4		31.7	0.79
	1 1/2		38.1	0.95
	2		50.8	1.27
	2 1/2		63.5	1.58
	3		76.2	1.90
3/16	4	4.8	101.6	2.54
	1/2		12.7	0.47
	3/4		19.0	0.71
	1		25.4	0.95
	1 1/4		31.7	1.19
	1 1/2		38.1	1.42
	2		50.8	1.90
	2 1/2		63.5	2.38
1/4	3	6.3	76.2	2.84
	4		101.6	3.80
	5		127.0	5.06
	6		152.4	6.32
	8		203.2	7.59
	10		254.0	10.13
	12		304.8	12.66
3/8	1	9.5	25.4	1.90
	1 1/4		31.7	2.38
	1 1/2		38.1	2.84
	2		50.8	3.79
	2 1/2		63.5	4.75
	3		76.2	5.70
	4		101.6	7.59
	5		127.0	9.49
1/2	6	12.7	152.4	11.40
	8		203.2	15.18
	10		254.0	18.99
	12		304.8	22.80
5/8	1	15.9	25.4	2.53
	1 1/2		38.1	3.79
	2		50.8	5.06
	2 1/2		63.5	6.32
	3		76.2	7.59
	4		101.6	10.13
	5		127.0	12.66
	6		152.4	15.18
0.312	8	7.9	203.2	20.24
	10		254.0	25.33
	12		304.8	30.36
1	3	25.4	76.2	4.8
	4		101.6	6.3
	5		127	7.9
	6		152.4	9.5
	8		203.2	12.66
	10		254.0	15.18
	12		304.8	18.99
	15		381.0	24.45

▲ Solera a 6.10 m (20 pies)

SOLERAS

Pulgada		Milímetros		Kg/m
3/4	1 1/2	19.0	38.1	5.70
	2		50.8	7.59
	2 1/2		63.5	9.49
	3		76.2	11.40
	4		101.6	15.18
	5		127.0	18.99
	6		152.4	22.80
	8		203.2	30.36
1	10	25.4	254.0	37.97
	12		304.8	45.59
	2		50.8	7.59
	3		76.2	11.40
	4		101.6	15.18
	6		152.4	22.80
	8		203.2	30.36
	10		254.0	37.97

▲ Solera a 6.10 m (20 pies)

Contamos con servicio de corte a medida en Sierra Cinta

Pulgada		Milímetros		Kg/m
5/16	6	7.9	152.4	9.49
	8		203.2	12.65
	10		254.0	15.77
3/8	6	9.5	152.4	11.40
	8		203.2	15.18
	10		254.0	18.99
	12		304.8	22.80
1/2	6	12.7	152.4	15.18
	8		203.2	20.24
	10		254.0	25.33
	12		304.8	30.36
5/8	6	15.9	152.4	18.99
	8		203.2	25.33
	10		254.0	31.66
	12		304.8	37.97
3/4	8	19.0	203.2	30.35
	10		254.0	37.97
	12		304.8	45.59
1	8	25.4	203.2	40.47
	10		254.0	50.65
	12		304.8	60.71

▲ Solera a 12.20 m (40 pies) en Acero A-529°55

SOLERAS DE SLITTER / CANALES

SOLERAS DE SLITTER-
CANALES /19

SOLERA SLITTER



Pulgada		Milímetros		Kg/m
1/8	1/2	3.2	12.7	0.32
	3/4		19.0	0.47
	1		25.4	0.63
	1 1/4		31.7	0.79
	1 1/2		38.1	0.95
	2		50.8	1.27
	2 1/2		63.5	1.58
	3		76.2	1.90
	4		101.6	2.54
3/16	1/2	4.8	12.7	0.47
	3/4		19.0	0.71
	1		25.4	0.95
	1 1/4		31.7	1.19
	1 1/2		38.1	1.42
	2		50.8	1.90
	2 1/2		63.5	2.38
	3		76.2	2.84
	4		101.6	3.80
	6		152.4	5.68
	8		203.2	7.60
1/4	1	6.3	25.4	1.27
	2		50.8	2.53

► Podemos fabricar anchos y largos especiales, consulta a tu ejecutivo.

CANALES

Perfil		Peso		Ancho del patin		Espesor del patin		Espesor del alma	
Pulg	mm	kg/m	lb/ft	pulg	mm	pulg	mm	pulg	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	177.3	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	302.8	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

► En largos de 6.10 m en acero A-36 y 12.20 m en acero A-572°50 ó A-529°50

CUADRADOS Y REDONDOS

Pulgada	mm.	Redondos kg/m	Cuadrados kg/m
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	-

▴ * También se manejan retorcidos.

REDONDO BRILLANTE

Pulgada	mm.	kg/m
3/16	4.8	0.14
1/4	6.3	0.25
5/16	7.9	0.39
3/8	9.53	0.56

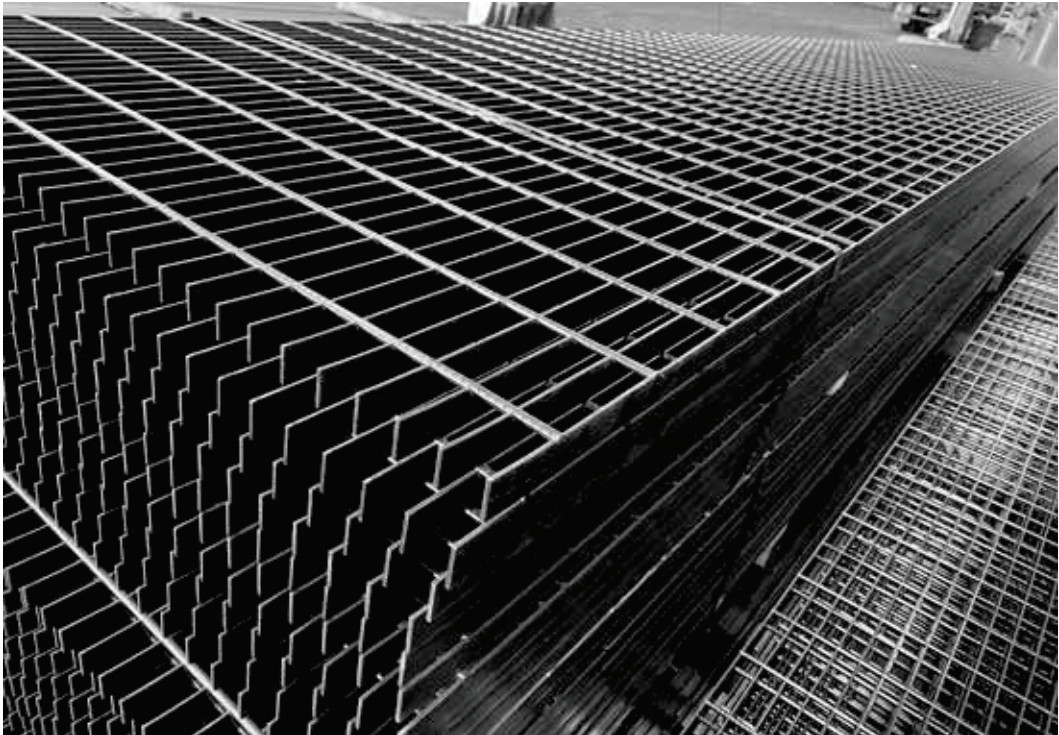


CUADRADOS Y REDONDOS

REJILLA ELECTROFORJADA

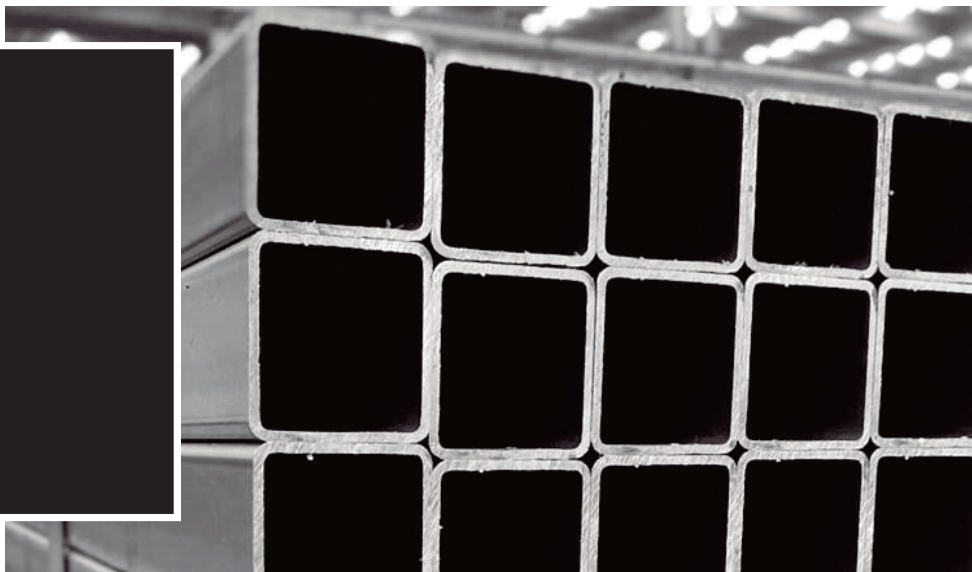
Tamaño de Solera		Peso	Claro Máximo	
Pulgada	mm	kg/m2	Carga Humana(m)	Carga Pesada(m)
1/8 x 1	3.2 x 25.4	25.50	1.29	-
1/8 x 1 1/4	3.2 x 31.7	31.16	1.63	-
3/16 x 1	4.8 x 25.4	36.83	1.50	0.20
3/16 x 1 1/4	4.8 x 31.7	45.17	1.70	0.25

▲ Se maneja en 1 x 6 mts. Lisa y pintada en negro.



Dimensiones	Calibre	Espesor	Stock				Largo (m)	Kg / m	Norma	Piezas x paquete	Peso x paquete (kg)
			PINT	NEG	GVZ	GVZ VERDE					
1/2" x 1/2"	20	0.036"	*	*	*	*	6.00	0.34	A513	231	471
	18	0.048"	*	*	*	*	6.00	0.44	A513	231	610
5/8" x 5/8"	20	0.036"	*	*	*	*	6.00	0.43	A513	252	650
	18	0.048"	*	*	*	*	6.00	0.56	A513	252	847
3/4" x 3/4"	20	0.036"	●			◆	6.00	0.52	A513	121	378
	18	0.048"	●	●		◆	6.00	0.68	A513	121	494
	16	0.060"		●			6.00	0.84	A513	121	610
	14	0.075"		●			6.00	1.02	A513	121	741
1" x 1"	20	0.036"	●			◆	6.00	0.70	A513	100	420
	18	0.048"	●	●		◆	6.00	0.92	A513	100	552
	16	0.060"		●			6.00	1.14	A513	100	684
	14	0.075"		●	■		6.00	1.40	A513	100	840
	13	0.090"		●			6.00	1.65	A513	100	990
	12	0.105"		●			6.00	1.90	A513	100	1140
	11	0.120"		●			6.00	1.94	A500°B	100	1164
	10	0.135"		●			6.00	2.12	A500°B	100	1272
1 1/4" x 1 1/4"	20	0.036"	●			◆	6.00	0.88	A513	81	428
	18	0.048"	●	●		◆	6.00	1.16	A513	81	564
	16	0.060"		●			6.00	1.44	A513	100	864
	14	0.075"		●	■		6.00	1.78	A513	100	1068
	12	0.105"		●			6.00	2.42	A513	100	1452
1 1/2" x 1 1/2"	20	0.036"	●			◆	6.00	1.06	A513	49	312
	18	0.048"	●	●		◆	6.00	1.40	A513	49	412
	16	0.060"		●			6.00	1.74	A513	100	1044
	14	0.075"		●	■		6.00	2.15	A513	64	826
	12	0.105"		●			6.00	2.95	A513	64	1133
	11	0.120"		●			6.00	3.15	A500°B	64	1210
	9	0.150"		●			6.00	3.79	A500°B	64	1455
2" x 2"	18	0.048"	●	●		*	6.00	1.89	A513	64	726
	16	0.060"		●			6.00	2.35	A513	64	902
	14	0.075"		●	■		6.00	2.91	A513	64	1117
	12	0.105"		●			6.00	4.01	A513	64	1540
	11	0.120"		●			6.00	4.36	A500°B	64	1674
	10	0.135"		●			6.00	4.84	A500°B	64	1859
	9	0.150"		●			6.00	5.31	A500°B	64	2039
	7	0.180"		●			6.10	6.43	A500°B	36	1412
	1/4"	0.250"		●			6.10	8.04	A500°B	36	1766

PTR CUADRADO





PTR CUADRADO

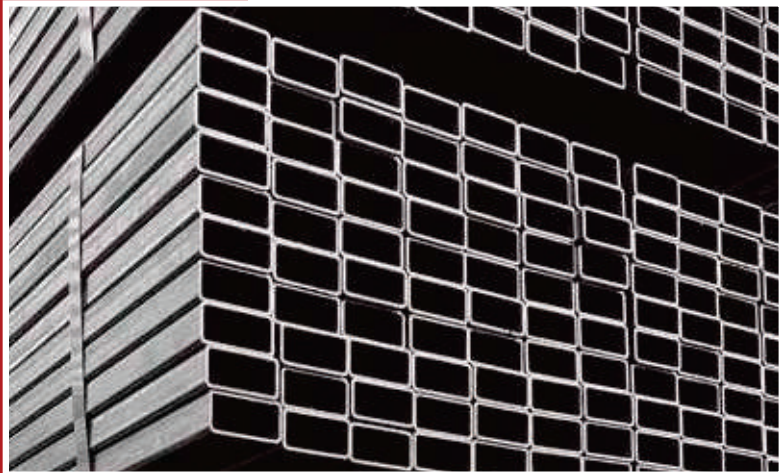
Dimensiones	Calibre	Espesor	Stock				Largo (m)	Kg / m	Norma	Piezas x paquete	Peso x paquete (kg)
			PINT	NEG	GVZ	GVZ VERDE					
2 1/2" x 2 1/2"	14	0.075"		●	*		6.00	3.67	A513	42	925
	12	0.105"		●			6.00	5.07	A513	36	1095
	11	0.120"		●			6.00	5.57	A500°B	36	1203
	10	0.135"		●			6.00	6.20	A500°B	36	1339
	7	0.180"		●			6.10	8.34	A500°B	36	1831
	1/4"	0.250"		●			6.10	10.57	A500°B	36	2321
3" x 3"	14	0.075"		●			6.00	4.42	A513	42	1132
	11	0.120"		●			6.10 / 12.20	6.78	A500°B	36	1489 / 2978
	9	0.150"		●			6.10	8.33	A500°B	25	1270
	7	0.180"		●			6.10	10.24	A500°B	25	1562
	1/4"	0.250"		●			6.10 / 12.20	13.10	A500°B	25 / 20	1998 / 3196
3 1/2" x 3 1/2"	11	0.120"		●			6.10	7.99	A500°B	36	1755
	9	0.150"		●			6.10	9.85	A500°B	25	1502
	7	0.180"		●			6.10	12.14	A500°B	25	1851
	1/4"	0.250"		●			6.10 / 12.20	15.63	A500°B	16	1525 / 3051
4" x 4"	14	0.075"		●			6.00	5.93	A513	30	1085
	1/8"	0.125"		●			6.10 / 12.20	9.21	A500°B	30 / 20	1685 / 2247
	9	0.150"		●			6.10	11.36	A500°B	25	1732
	3/16"	0.187"		●			6.10 / 12.20	14.04	A500°B	25 / 20	2141 / 3426
	1/4"	0.250"		●			6.10 / 12.20	18.16	A500°B	16	1772 / 3545
5" x 5"	1/8"	0.125"		●			6.10 / 12.20	11.63	A500°B	20 / 16	1419 / 2270
	3/16"	0.187"		●			6.10 / 12.20	17.85	A500°B	16	1742 / 3484
	1/4"	0.250"		●			6.10 / 12.20	23.22	A500°B	12	1700 / 3400

- Sin fondear y con aceite / también disponible en Largo Especial bajo pedido
- ◆ Galvanizado Verde
- Galvanizado Natural
- Pintado (C18 Rojo / C20 Café)
- * Fabricación Especial

PTR RECTANGULAR

Descripción	Dimensiones	Calibre	Espesor	Stock				Largo (m)	Kg / m	Norma	Piezas x paquete	Peso x paquete (kg)
				PINT	NEG	GVZ	GVZ VERDE					
R100	1" x 1/2"	18	0.048"	●			◆	6.00	0.68	A513	120	490
R125	1 1/4" x 3/4"	20	0.036"	●			◆	6.00	0.70	A513	99	416
		18	0.048"	●				6.00	0.92	A513	99	546
R155	1 1/2" x 1/2"	20	0.036"	*	*	*	*	6.00	0.70	A513	98	412
		18	0.048"	*	*	*	*	6.00	0.92	A513	98	541
R151	1 1/2" x 1"	20	0.036"	*	*	*	*	6.00	0.88	A513	84	444
		18	0.048"	*	*	*	*	6.00	1.16	A513	84	585
		16	0.060"	*	*	*	*	6.00	1.44	A513	100	864
		14	0.075"	*	*	*	*	6.00	1.78	A513	84	897
		11	0.120"	*	*	*	*	6.00	2.55	A513	63	963
R175	1 3/4" x 3/4"	20	0.036"	●			◆	6.00	0.88	A513	84	444
		18	0.048"	●				6.00	1.16	A513	84	585
R200	2" x 1"	20	0.036"	●			◆	6.00	1.06	A513	50	318
		18	0.048"	●	●		◆	6.00	1.40	A513	50	420
		14	0.075"		●	*		6.00	2.15	A513	80	1032
		11	0.120"		●			6.00	3.15	A500°B	80	1512
R225	2 1/4" x 3/4"	20	0.036"	●			◆	6.00	1.06	A513	55	350
		18	0.048"	●				6.00	1.40	A513	55	462
R249	2 1/2" x 1 1/4"	20	0.036"	●			◆	6.00	1.34	A513	54	434
		18	0.048"	●				6.00	1.77	A513	54	573
R250	2 1/2" x 1 1/2"	14	0.075"			*		6.00	2.91	A513	48	838
R301	3" X 1"	18	0.048"	*	*	*	*	6.00	1.89	A513	48	544
		16	0.060"					6.00	2.35	A513	48	6.76
		14	0.075"	*	*	*	*	6.00	2.91	A513	48	838
		11	0.120"					6.00	4.36	A500°B	48	1256
		10	0.135"	*	*	*	*	6.00	4.84	A500°B	48	1394
R300	3" X 1 1/2"	20	0.036"	●			*	6.00	1.61	A513	48	464
		18	0.048"	●	●	*	◆	6.00	2.13	A513	70	895
		14	0.075"		●	*		6.00	3.29	A513	70	1382
		11	0.120"		●			6.00	4.90	A500°B	70	2058
R302	3" X 2"	14	0.075"		●			6.00	3.67	A513	49	1079
		11	0.120"		●			6.00	5.57	A500°B	42	1404
		10	0.135"		●			6.00	6.20	A500°B	42	1562
		7	0.180"		●			6.10	8.34	A500°B	36	1831
		1/4"	0.250"		●			6.10	10.57	A500°B	36	2321
R400	4" x 1 1/2"	14	0.075"		*			6.00	4.04	A513	35	848
R402	4" X 2"	14	0.075"		●			6.00	4.42	A513	40	1061
		11	0.120"		●			6.00	6.78	A500°B	32	1302
		9	0.150"		●			6.00	8.33	A500°B	32	1599
		7	0.180"		●			6.10	10.24	A500°B	28	1749
		1/4"	0.250"		●			6.10 / 12.20	13.13	A500°B	20	1602 / 3204

▀ Todo el C12 y mas delgado se certifica como A-513
Todo el C11 y más grueso se certifica como A-500°B



PTR RECTANGULAR

Descripción	Dimensiones	Calibre	Espesor	Stock				Largo (m)	Kg / m	Norma	Piezas x paquete	Peso x paquete (kg)
				PINT	NEG	GVZ	GVZ VERDE					
R403	4" x 3"	14	0.075		●			6.00	5.18	A513	42	1328
		11	0.120		●			6.10	7.99	A500°B	30	1462
		9	0.150		●			6.10 / 12.20	9.85	A500°B	25	1502 / 3004
		7	0.180		●			6.10	12.14	A500°B	20	1481
		1/4"	0.250		●			6.10 / 12.20	15.63	A500°B	16	1525 / 3051
R502	5" x 2"	11	0.120		*			6.10	7.99	A500°B	20	975
		7	0.180		*			6.10	12.14	A500°B	20	1481
R503	5" x 3"	14	0.075		●			6.00	5.93	A513	35	1266
		1/8"	0.125		●			6.10 / 12.20	9.21	A500°B	35	1966 / 3933
		3/16"	0.187		●			6.10 / 12.20	14.03	A500°B	24	2054 / 4108
		1/4"	0.250		●			6.10 / 12.20	18.16	A500°B	18	1994 / 3988
R602	6" x 2"	14	0.075		●			6.10	5.93	A513	16	579
		1/8"	0.125		●			6.10 / 12.20	9.21	A500°B	16	899 / 1798
		3/16"	0.187		●			6.10 / 12.20	14.03	A500°B	16	1369 / 2739
		1/4"	0.250		●			6.10 / 12.20	18.16	A500°B	16	1772 / 3545
R604	6" x 4"	1/8"	0.125		●			6.10 / 12.20	11.63	A500°B	20 / 12	1419 / 1703
		3/16"	0.187		●			6.10 / 12.20	17.85	A500°B	20 / 16	2178 / 3484
		1/4"	0.250		●			6.10 / 12.20	23.22	A500°B	12	1700 / 3399
R803	8" x 3"	1/8"	0.125		●			12.20	13.61	A500°B	12	1993
		3/16"	0.187		●			12.20	20.00	A500°B	12	2928



Sin fondear y con aceite / también disponible en Largo Especial bajo pedido



Pintado (C18 Rojo / C20 Café)



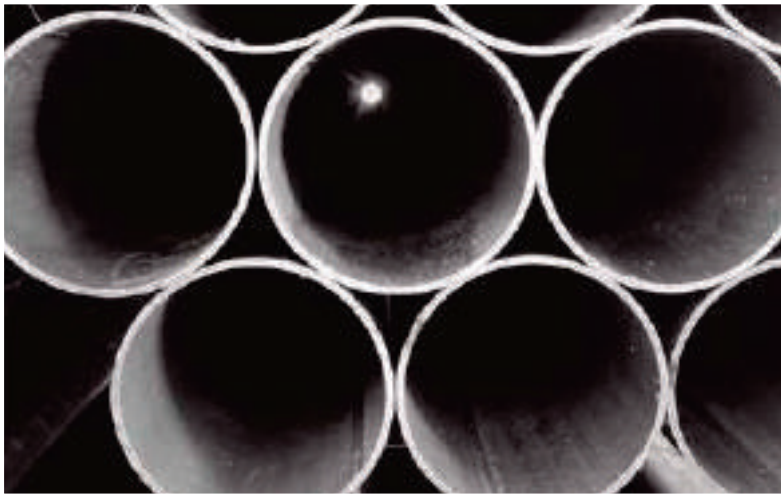
Fabricación Especial



Galvanizado Natural



Galvanizado Verde



TUBO

Cédula 30, 40, Industrial
y Estructural.

TUBO CÉDULA 30

Diámetro Nominal	Diámetro Exterior	Diámetro Interior	Espesor	Largos	Peso	Piezas x paquete	Peso x paquete (kg)
Pulgada	Pulgada	Pulgada	Calibre	Metros	Kg/m		
1/2"	0.840"	0.660"	C14	6.00	0.91	169	923
3/4"	1.050"	0.900"	C14	6.00	1.16	127	884
1"	1.315"	1.165"	C14	6.00	1.47	127	1,120
1 1/4"	1.660"	1.480"	C13	6.00	2.24	91	1,223
1 1/2"	1.900"	1.720"	C13	6.00	2.58	61	944
2"	2.375"	2.165"	C12	6.00	3.77	44	995
2 1/2"	2.875"	2.665"	C12	6.10	4.61	24	675
3"	3.500"	3.260"	C11	6.10	6.43	24	941
4"	4.500"	4.260"	C11	6.10	8.33	24	1,220
6"	6.625"	6.250"	0.187"	6.10	19.23	10	1,173

TUBO CÉDULA 40

Diámetro Nominal	Diámetro Exterior	Diámetro Interior	Espesor	Largos	Peso	Piezas x paquete	Peso x paquete (kg)
Pulgada	Pulgada	Pulgada	Calibre	Metros	Kg/m		
1/2"	0.840"	0.630"	C12	6.00	1.22	91	666
3/4"	1.050"	0.840"	C12	6.00	1.57	127	1,196
1"	1.315"	1.049"	C10	6.00	2.52	127	1,920
1 1/4"	1.660"	1.380"	C10	6.00	3.26	91	1,780
1 1/2"	1.900"	1.610"	C10	6.00	4.16	61	1,522
2"	2.375"	2.067"	C09	6.00	5.29	44	1,397
2 1/2"	2.875"	2.500"	0.187"	6.10	8.62	24	1,262
3"	3.500"	3.068"	0.225"	6.10	11.67	24	1,708
4"	4.500"	4.026"	0.225"	6.10	15.24	24	2,231
6"	6.625"	6.065"	0.280"	6.10	28.24	10	1,723

- ▶ Todo el C12 y mas delgado se certifica como A-513
- ▶ Todo el C11 y más grueso se certifica como A-500°B

TUBO INDUSTRIAL

Diámetro Nominal	Espesor	Largos	Peso	Piezas x paquete	Peso x paquete
Pulgada	Calibre	Metros	Kg/m.		
1/2"	C22	6.00	0.22	228	301
	C20	6.00	0.26	228	355
	C18	6.00	0.34	228	465
5/8"	C22	6.00	0.28	216	362
	C20	6.00	0.34	216	441
	C18	6.00	0.44	216	570
3/4"	C22	6.00	0.34	186	379
	C20	6.00	0.41	186	458
	C18	6.00	0.53	186	591
1"	C20	6.00	0.55	137	452
	C18	6.00	0.72	137	592
	C16	6.00	0.89	137	732
1 1/4"	C20	6.00	0.69	124	513
	C18	6.00	0.91	124	677
	C16	6.00	1.13	124	840
1 1/2"	C20	6.00	0.84	95	478
	C18	6.00	1.10	95	627
	C16	6.00	1.37	91	748
	C14	6.00	1.69	91	923
2"	C20	6.00	1.12	67	450
	C18	6.00	1.48	67	594
	C16	6.00	1.84	61	673
	C14	6.00	2.29	61	838

TUBO ESTRUCTURAL

Diámetro Nominal	Diámetro Exterior	Diámetro Interior	Espesor	Largos	Peso	Piezas x paquete
Pulgada	Pulgada	Pulgada	Calibre	Metros	Kg/m	
6"	6.625"	6.125"	0.250"	6.1/12.2	25.41	10
8"	8.625"	8.125"	0.250"	6.1/12.2	35.57	N/A
	8.625"	7.981"	0.322"	6.1/12.2	44.10	N/A
10"	10.750"	10.250"	0.250"	12.20	41.88	N/A
	10.750"	10.000"	0.365"	12.20	60.33	N/A
12"	12.750"	12.250"	0.250"	12.20	49.84	N/A
	12.750"	12.000"	0.375"	12.20	73.91	N/A
14"	14.000"	13.250"	0.375"	12.20	81.41	N/A
16"	16.000"	15.000"	0.500"	12.20	123.44	N/A

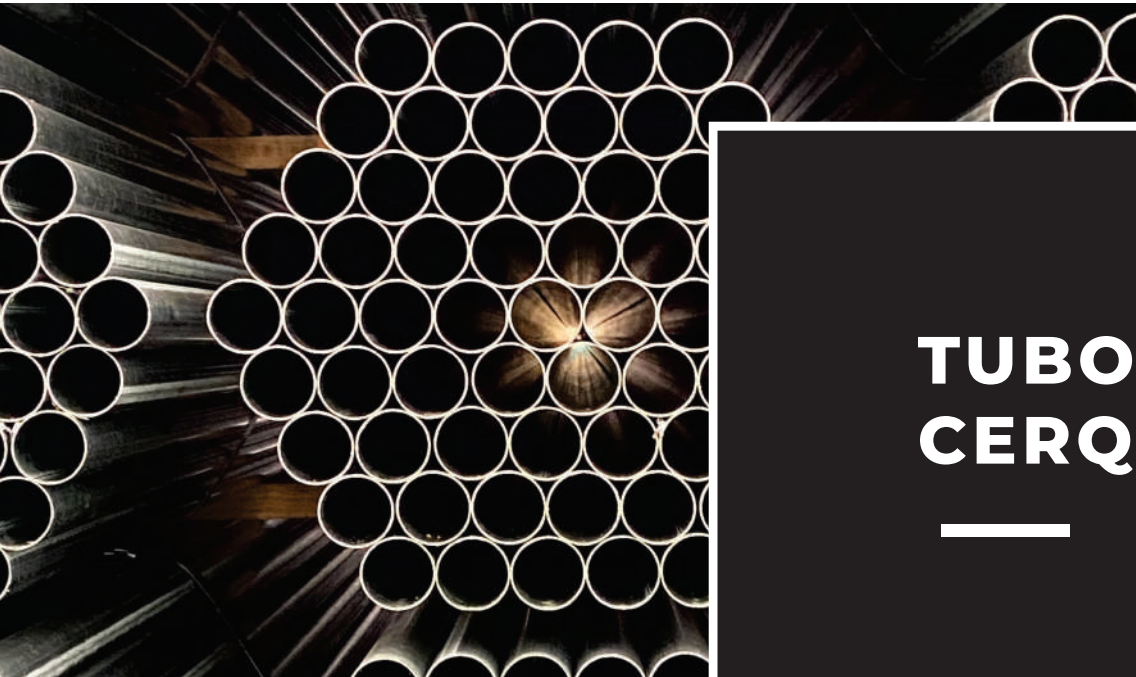


Manejamos Largos Especiales
de acuerdo a su requerimiento.

Diámetro Nominal	Diámetro Exterior	Diámetro Exterior (mm)	Calibre	Pulgadas	mm	Stock	Kg/m	Norma	Piezas x paquete	Peso x paquete (kg)
						GVZ				
1"	1.000"	26.67	C20	0.036"	0.91	●	0.49	A513	137	403
			C18	0.048"	1.22	●	0.72	A513	137	592
1 3/8"	1.315"	33.40	C20	0.036"	0.91	●	0.73	A513	127	556
			C18	0.048"	1.22	●	0.96	A513	91	524
1 1/2"	1.500"	38.10	C20	0.036"	0.91	●	0.84	A513	95	479
			C18	0.048"	1.22	●	1.10	A513	95	627
1 5/8"	1.660"	42.16	C20	0.036"	0.91	●	0.93	A513	127	709
			C18	0.048"	1.22	●	1.22	A513	127	930
1 7/8"	1.900"	48.26	C20	0.036"	0.91	●	1.06	A513	67	426
			C18	0.048"	1.22	●	1.41	A513	67	567
2 1/2"	2.375"	60.32	C18	0.048"	1.22	●	1.77	A513	60	637

● Galvanizado Natural

▲ Largo Estandar: 6.00 mts (19.68 pies)



TUBO CERQUERO

HSS

A-500°B

LIM. ELÁSTICO

46,000 PSI

(lb/in²)



**PODEMOS CONSEGUIR
CUALQUIER MEDIDA DE HSS**

▲ En largos de 12.20 mts

Manejamos algunas
medidas de HSS a
30 pies (9.15 mts)
de largo.

Dimensiones Exteriores		Espesor		Peso	
Pulgada	mm.	Pulgada	mm.	Kg / m	Kg / pza.
4" x 4"	102 x 102	0.312"	7.92	22.13	270
		0.375"	9.52	25.73	314
5" x 5"	127 x 127	0.312"	7.92	28.52	348
		0.375"	9.52	33.44	408
6" x 4"	152 x 102	0.312"	7.92	28.52	348
		0.375"	9.52	33.44	408
6" x 6"	152 x 152	0.187"	4.76	21.63	264
		0.250"	6.35	28.36	346
		0.312"	7.92	34.75	424
		0.375"	9.52	40.98	500
		0.500"	12.70	52.45	640
8" x 3"	203 x 76	0.125"	3.18	13.61	166
		0.187"	4.76	20.00	244
8" x 4"	203 x 102	0.187"	4.76	21.63	264
		0.250"	6.35	28.36	346
		0.312"	7.92	34.75	424
		0.375"	9.52	40.98	500
		0.500"	12.70	52.45	640
8" x 6"	203 x 152	0.250"	6.35	33.44	408
		0.375"	9.52	48.52	592
8" x 8"	203 x 203	0.187"	4.76	29.34	358
		0.250"	6.35	38.52	470
		0.312"	7.92	47.54	580
		0.375"	9.52	56.23	686
		0.500"	12.70	72.28	888
10" x 4"	254 x 102	0.250"	6.35	33.44	408
10" x 6"	254 x 152	0.187"	4.76	29.34	358
		0.250"	6.35	38.52	470
		0.375"	9.52	56.23	686
		0.500"	12.70	72.78	888
10" x 10"	254 x 254	0.187"	4.76	36.88	450
		0.250"	6.35	48.69	594
		0.312"	7.92	60.16	734
		0.375"	9.52	71.31	870
		0.500"	12.70	92.96	1,134
12" x 6"	305 x 152	0.375"	9.52	63.77	778
12" x 8"	305 x 203	0.250"	6.35	48.69	594
		0.375"	9.52	71.31	870
		0.500"	12.70	92.96	1,134
12" x 12"	305 x 305	0.250"	6.35	58.68	716
		0.312"	7.92	72.79	888
		0.375"	9.52	86.55	1,056
		0.500"	12.70	113.27	1,382
		0.625"	15.87	139.02	1,696
14" x 14"	356 x 356	0.312"	7.92	85.40	1,042
		0.375"	9.52	101.80	1,242
		0.500"	12.70	133.61	1,630
		0.625"	15.87	164.26	2,004
16" x 16"	406 x 406	0.312"	7.92	98.03	1,196
		0.375"	9.52	116.89	1,426
		0.500"	12.70	153.77	1,876
		0.625"	15.87	189.67	2,314

POLÍN "C"



Medida	Dimensiones	Calibre	Espesor	Stock			Largo (m)	Kg / m	Piezas x paquete	Peso x paquete (kg)
				CO	AR	CVZ				
3"	3" x 1.5" x 0.5"	14	0.075"	●	*	*	6.00	2.61	60	940
	3" x 1.5" x 0.5"	16	0.060"	●	*	*	6.00	2.08	60	749
4"	4" x 2" x 0.75"	14	0.075"	●	*	*	6.00	3.40	48	979
	4" x 2" x 0.75"	16	0.060"	●	*	*	6.00	2.71	48	780
5"	5" x 2" x 0.75"	14	0.075"	●	*	*	6.00	3.80	48	1094
6"	6" x 2" x 0.75"	12	0.105"	●	◆	*	6.00	5.86	48	1688
	6" x 2" x 0.75"	14	0.075"	●	◆	●	6.00	4.19	48	1207
8"	8" x 2.75" x 0.75"	10	0.135"	●	◆	*	8.00	9.90	24	1901
	8" x 2.75" x 0.75"	12	0.105"	●	◆	*	8.00	7.96	24	1528
	8" x 2.75" x 0.75"	14	0.075"	●	*	*	6.00	5.70	24	821
	8" x 2.75" x 0.75"	14	0.075"	●	◆	●	8.00	5.70	24	1094
10"	10" x 2.75" x 0.75"	10	0.135"	●	◆	*	10.00	11.20	16	1792
	10" x 2.75" x 0.75"	12	0.105"	●	◆	*	10.00	9.06	16	1450
	10" x 2.75" x 0.75"	14	0.075"	●	*	●	10.00	6.49	16	1038
	10" x 3.5" x 0.75"	14	0.075"	*	◆	*	10.00	6.85	16	1096
12"	12" x 3.5" x 0.75"	10	0.135"	●	◆	*	12.00	13.60	12	1958
	12" x 3.5" x 1"	12	0.105"	●	◆	*	12.00	10.99	12	1583
	12" x 3.5" x 1"	14	0.075"	●	◆	●	12.00	7.87	12	1133
14"	14" x 3.5" x 1"	12	0.105"	*	*	*	14.00	12.10	12	2033
	14" x 3.5" x 1"	14	0.075"	*	*	*	14.00	8.70	12	1462

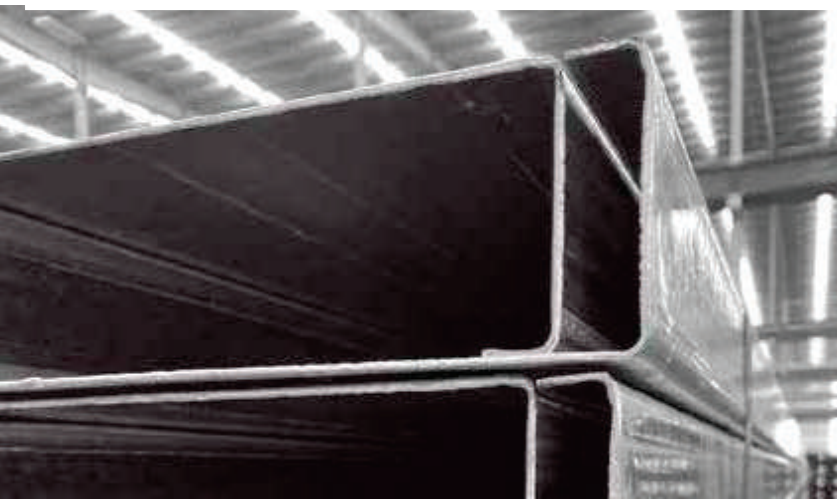
● Comercial pintado en color rojo ◆ Alta resistencia pintado en color gris ● Galvanizado natural * Fabricación especial

POLÍN "C"

ESPECIALES

Ofrecemos estos productos sin pintar (Bajo Pedido).
Productos disponibles también en Largo Especial
(Bajo Pedido).

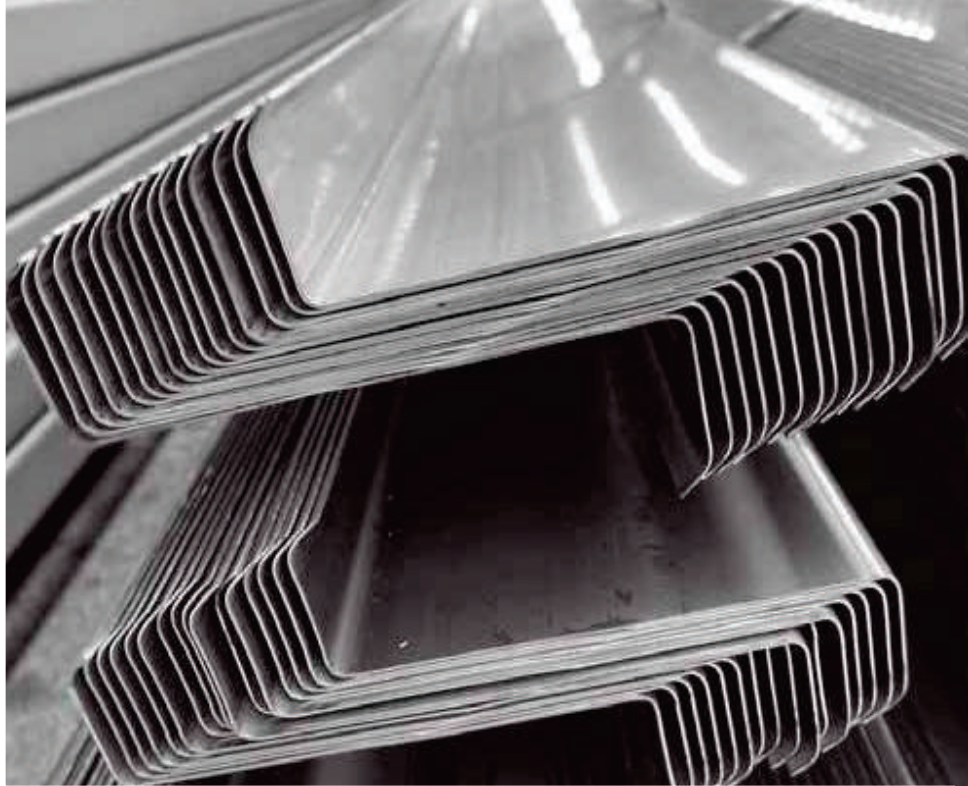
Medida	Dimensiones	Calibre	Espesor	Stock			Largo (m)
				CO	AR	GVZ	
4"	4" x 1.5" x 0.75"	14	0.075"	*	*	*	Especial
	4" x 1.5" x 0.75"	16	0.060"	*	*	*	Especial
6"	6" x 2.75" x 0.75"	14	0.075"	*	*	*	Especial
8"	8" x 2.5" x 0.75"	12	0.105"	*	*	*	Especial
	8" x 2.5" x 0.75"	14	0.075"	*	*	*	Especial
	8" x 2.5" x 0.75"	14	0.075"	*	*	*	Especial
	8" x 3" x 0.75"	14	0.075"	*	*	*	Especial
	8" x 3.5" x 0.75"	14	0.075"	*	*	*	Especial
10"	10" x 3.5" x 0.75"	10	0.135"	*	*	*	Especial
	10" x 3.5" x 0.75"	12	0.105"	*	*	*	Especial
	10" x 3.5" x 0.75"	14	0.075"	*	*	*	Especial



CO	Comercial
AR	Alta Resistencia
GVZ	Galvanizado
*	Fabricación especial



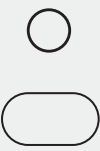
POLÍN "Z"



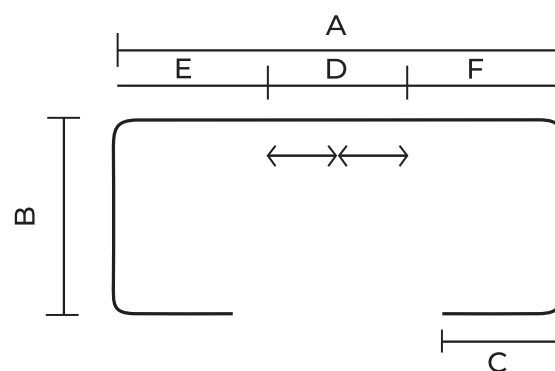
Medida	Dimensiones	Calibre	Espesor	Stock			Largo (m)	Kg / m
				CO	AR	GVZ		
6" Cal 12	6" x 2" x 0.75"	12	0.105"	*	*	*	Especial	5.86
6" Cal 14	6" x 2" x 0.75"	14	0.075"	*	*	*	Especial	4.19
8" Cal 10	8" x 2.75" x 0.75"	10	0.135"	*	*	*	Especial	9.90
8" Cal 12	8" x 2.75" x 0.75"	12	0.105"	*	*	*	Especial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

CO	Comercial
AR	Alta Resistencia
GVZ	Galvanizado
*	Fabricación especial

▴ Todo polin "Z" es bajo pedido especial

Medida	Dimensiones	Calibre	Espesor	Características
6"	6" x 2" x 0.75"	10	0.135"	Tipo de Barrenos  Redondo 1/2", 9/16", 5/8", 3/4" Oblongo 9/16" x 7/8" 5/8" x 3/4"
	6" x 2" x 0.75"	12	0.105"	
	6" x 2" x 0.75"	14	0.075"	
8"	8" x 2.75" x 0.75"	10	0.135"	Dimensiones Max Peralte "A" 6" a 14" Patin "B" 2" a 3.5" Ceja "C" 0.75" a 1" Distancia "D" debe ser de al menos 3" entre ambos punzones. La distancia "E" o "F" debe ser mínimo de 1.5 respecto al eje central del polín. Calibre 10, 12, 14 Largo 4 a 14 mts
	8" x 2.75" x 0.75"	12	0.105"	
	8" x 2.75" x 0.75"	14	0.075"	
10"	10" x 2.75" x 0.75"	10	0.135"	Tolerancia entre barrenos + / - 5mm
	10" x 2.75" x 0.75"	12	0.105"	
	10" x 2.75" x 0.75"	14	0.075"	
12"	12" x 3.5" x 1"	10	0.135"	
	12" x 3.5" x 1"	12	0.105"	
	12" x 3.5" x 1"	14	0.075"	
14"	14" x 3.5" x 1"	10	0.135"	
	14" x 3.5" x 1"	12	0.105"	
	14" x 3.5" x 1"	14	0.075"	

Pregunta a tu ejecutivo para revisar la factibilidad del proyecto



POLÍN PUNZONADO

TABLEROS

Descripción	Dimensión nominal	Calibre (nominal)	Espesor (pulgada)	Stock		Ancho (m)	Largo (m)	Kg / m
				GV	PR			
147-A	3' x 3'	20	0.036"		●	0.91	0.85	6.53
	3' x 6'	22	0.030"	◆		0.91	1.76	5.45
	3' x 8'	20 20	0.036" 0.036"	◆	●	0.91 0.91	2.36 2.36	6.53 6.53
	3' x 10'	22 22	0.030" 0.030"	◆	●	0.91 0.91	2.80 2.80	5.45 5.45
147-L	3' x 3'	20	0.036"	◆	●	0.85	0.91	6.53
		20	0.036"			0.85	0.91	6.53
		22	0.030"		●	0.85	0.91	5.45
		22	0.030"	◆		0.85	0.91	5.45
	3' x 6'	20	0.036"		●	0.85	1.83	6.53
		22	0.030"		●	0.85	1.83	5.45
	3' x 8'	20	0.036"		●	0.85	2.44	6.53
	3' x 10'	20 22	0.036" 0.030"		● ●	0.85 0.85	3.05 3.05	6.53 5.45
147-LC	3' x 3'	20	0.036"		●	0.84	0.91	6.53
		20	0.036"	◆		0.84	0.91	6.53
		22	0.030"	◆		0.84	0.91	5.45
	3' x 6'	20	0.036"		●	0.84	1.83	6.53
		22	0.030"	◆		0.84	1.83	5.45
	3' x 8'	20	0.036"		●	0.84	2.44	6.53
	3' x 10'	20	0.036"		●	0.84	3.05	6.53
		20	0.036"	◆		0.84	3.05	6.53
		22	0.030"	◆		0.84	3.05	5.45

- ▶ Este producto se vende en paquetes de 50 piezas c/u
- ▶ La dimensión nominal a lo largo y ancho estan basadas en la hoja antes de troquelar.



PR

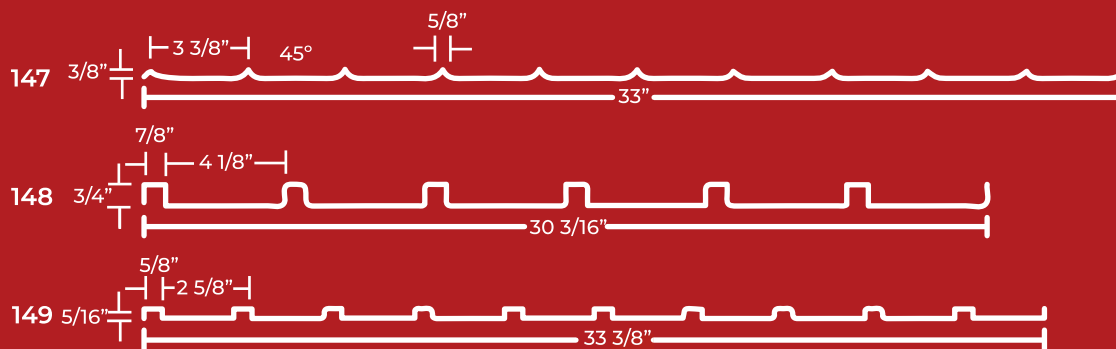
Pintado Rojo



GV

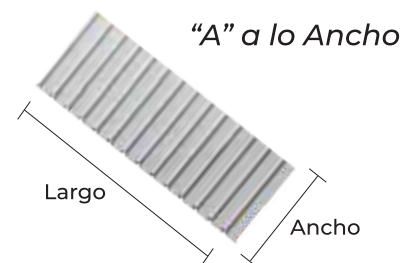
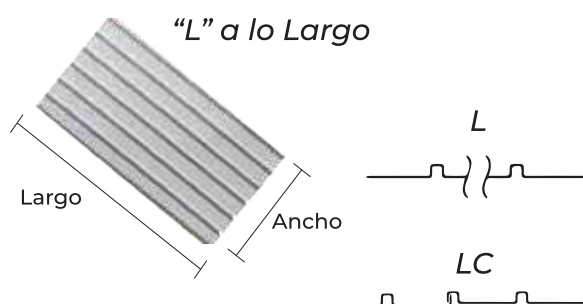
Galvanizado Verde





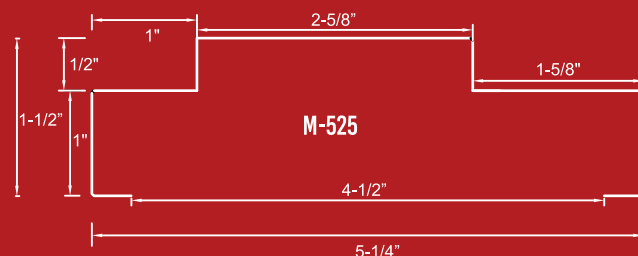
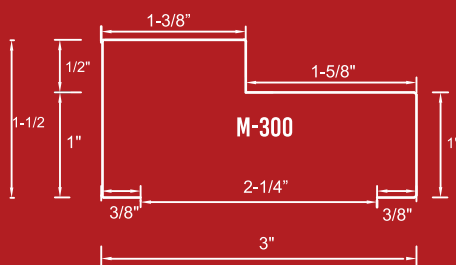
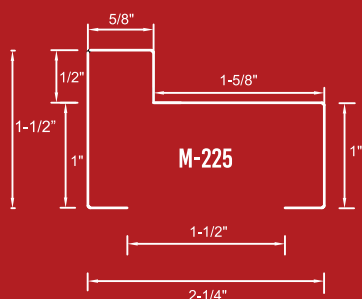
Descripción	Dimensión nominal	Calibre (nominal)	Espesor (pulgada)	Stock		Ancho (m)	Largo (m)	Kg / m
				GV	PR			
148-LC	3' x 3'	20	0.036"	◆	●	0.77	0.91	6.53
		20	0.036"	◆	●	0.77	0.91	6.53
		22	0.030"	◆	●	0.77	0.91	5.45
	3' x 4'	20	0.036"		●	0.77	1.22	6.53
	3' x 6'	20	0.036"	◆	●	0.77	1.83	6.53
		20	0.036"	◆	●	0.77	1.83	6.53
		22	0.030"	◆	●	0.77	1.83	5.45
	3' x 7'	20	0.036"		●	0.77	2.13	6.53
	3' x 8'	20	0.036"		●	0.77	2.44	6.53
	3' x 10'	20	0.036"		●	0.77	3.05	6.53
		20	0.036"	◆	●	0.77	3.05	6.53
	4' x 3'	20	0.036"		●	1.03	0.91	8.73
149-A	3' x 8'	20	0.036"		●	0.91	2.27	6.53
		22	0.030"		●	0.91	2.27	5.45
149-L	3' x 3'	20	0.036"	◆	●	0.86	0.91	6.53
		20	0.036"	◆	●	0.86	0.91	6.53
		20	0.036"	◆	●	0.86	0.91	5.45
	3' x 6'	20	0.036"	◆	●	0.86	1.83	6.53
		20	0.036"	◆	●	0.86	1.83	6.53
		20	0.036"	◆	●	0.86	1.83	5.45
		20	0.036"	◆	●	0.86	1.83	5.45
	3' x 8'	20	0.036"	◆	●	0.86	2.44	6.53
		20	0.036"	◆	●	0.86	2.44	6.53
		20	0.036"	◆	●	0.86	2.44	5.45
		20	0.036"	◆	●	0.86	2.44	5.45
	3' x 10'	20	0.036"	◆	●	0.86	3.05	6.53
		20	0.036"	◆	●	0.86	3.05	5.45
149-LC	3' x 3'	20	0.036"		●	0.81	0.91	6.53
	3' x 6'	20	0.036"		●	0.81	1.83	6.53
	3' x 8'	20	0.036"		●	0.81	1.95	6.53
	3' x 10'	20	0.036"		●	0.81	2.44	6.53

Colocación de Molduras



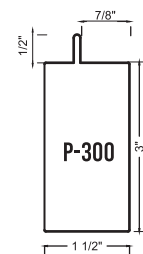
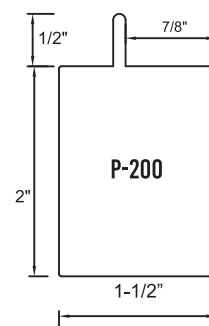
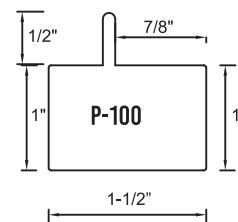
PERFILES PUERTA

PERFILES PARA MARCO



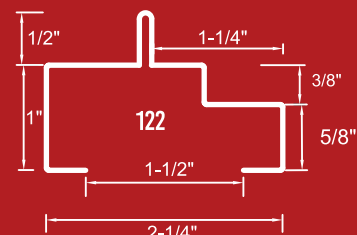
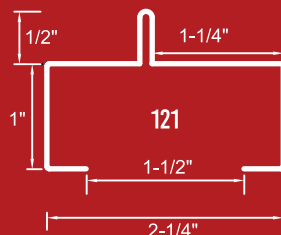
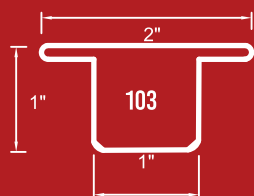
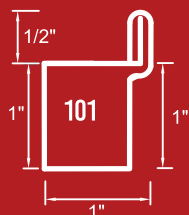
Descripción	Calibre	Acabado	Longitud (metros)	Piezas x paquete	Kilogramos x metro
M-225	18	PR	5.5	96	1.4
	18	GV	5.5	96	1.4
	20	PC	5.5	96	1.0
	20	GV	5.5	96	1.0
M-300	18	PR	5.5	96	1.5
	18	GV	5.5	96	1.5
	20	PC	5.5	96	1.2
	20	GV	5.5	96	1.2
M-525	18	PR	5.5	42	2.1
	18	GV	5.5	42	2.1
	20	PC	5.5	42	1.6
	20	GV	5.5	42	1.6
P-100	18	PR	6.0	96	1.4
	18	GV	6.0	96	1.4
	20	PC	6.0	96	1.0
	20	GV	6.0	96	1.0
P-200	18	PR	6.0	72	1.9
	18	GV	6.0	72	1.9
	20	PC	6.0	72	1.4
	20	GV	6.0	72	1.4
P-300	18	PR	6.0	54	2.3
	18	GV	6.0	54	2.3
	20	PC	6.0	54	1.7
	20	GV	6.0	54	1.7

PERFILES PARA BASTIDOR



PR= Pintado Rojo / GV = Galvanizado Verde / PC = Pintado Cáfe

PERFILES VENTANAS

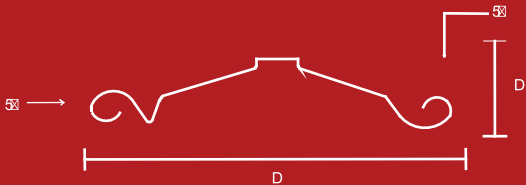


PERFILES VENTANA

Descripción	Calibre	Acabado	Longitud (metros)	Piezas x paquete	Kilogramos x metro
101	18	PR	6.0	100	1.2
	18	GV	6.0	100	1.2
	20	PC	6.0	100	0.9
	20	GV	6.0	100	0.9
103	18	PR	6.0	80	1.5
	18	GV	6.0	80	1.5
	20	PC	6.0	80	1.1
	20	GV	6.0	80	1.1
121	18	PR	6.0	96	1.4
	18	GV	6.0	96	1.4
	20	PC	6.0	96	1.0
	20	GV	6.0	96	1.0
122	18	PR	6.0	80	1.4
	18	GV	6.0	80	1.4
	20	PC	6.0	80	1.0
	20	GV	6.0	80	1.0

PR= Pintado Rojo / GV = Galvanizado Verde / PC = Pintado Cáfe

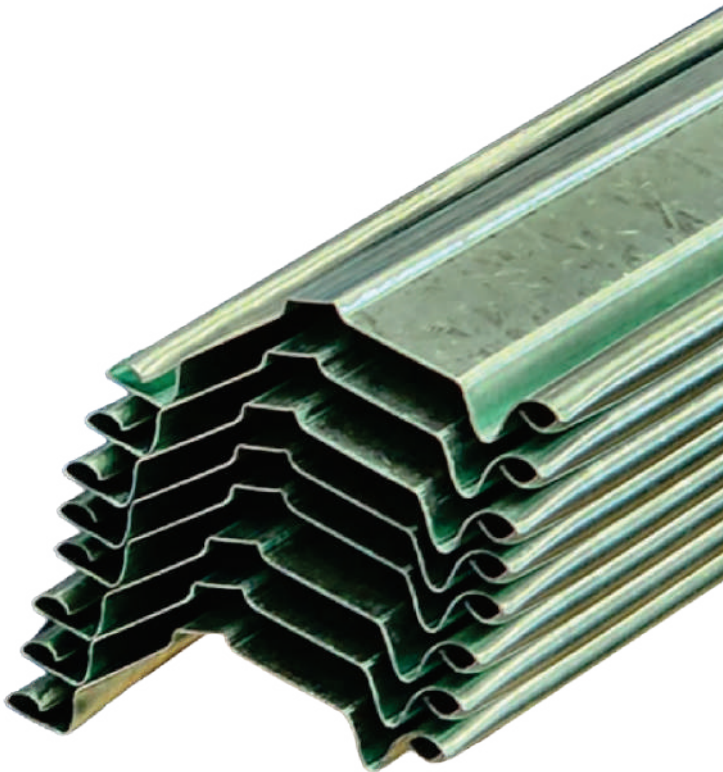
TIRA DE CORTINA



CATÁLOGO TIRA DE CORTINA EUROPEA

Fortacero	Descripción	Calibre	Acabado	Pzas. X paq.	Longitud (mts)	Kilogramos/metro	Kilogramos/pieza	Kg/paquete
TCEC24X3.05GV	TIR. CORTINA EUROPEA	24	GV	50	3.05	0.60	1.83	91.50
TCEC24X4.05GV	TIR. CORTINA EUROPEA	24	GV	50	4.05	0.60	2.43	121.50
TCEC24X5.05GV	TIR. CORTINA EUROPEA	24	GV	50	5.05	0.60	3.03	151.50
TCEC24X6.10GV	TIR. CORTINA EUROPEA	24	GV	50	6.10	0.60	3.66	183.50

GV= Galvanizado Verde





NIVELADORAS

Nivelación hasta 3/4" x 96" en rollos de 40 toneladas máximo.

Opción a Temper sin memoria.



LÁSER

El corte más preciso para cualquier tipo de figura. Corta hasta 1" de espesor en medidas de hasta 10' x 20'.



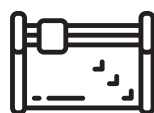
PLASMA

Corta cualquier figura diseñada con excelente precisión. Corta hasta 2" de espesor en medidas de hasta 10' x 80'.



PANTÓGRAFO

Corta tiras, discos, anillos y cualquier figura. Corta hasta 6" de espesor y en medidas de hasta 8' x 40'.



CIZALLAS

Corta tiras y cuadros. Hasta 5/8" x 20'.



SLITTER

Corta cintas a partir de rollo. Corta hasta .280" x 75" en rollos de hasta 36 toneladas.



PLANTA TUBERÍA

Fabricamos Tubo y PTR desde 1/2" hasta 8"x3" en espesores desde cal. 22 hasta 0.280".



POLINERA

Fabricamos polín "C" y "Z" de 3" a 14" en calibre 10, 12, 14 y 16 de hasta 14 m de largo.



SOLERA

Fabricación de solera de SLITTER.



SIERRA CINTA

Corta materiales estructurales a largos especiales. Corta paquetes de hasta 28" x 20".

Listado de servicios

INFRAESTRUCTURA

■ +530,000 m2 de terreno entre nuestras 18 ubicaciones.

■ +55 Montacargas con capacidad de hasta 16 toneladas.

■ +65 Grúas viajeras de hasta 40 tons de capacidad.

■ 1 Temper Mill.

■ 4 Niveladoras.

■ 1 Láser de hasta 3/4".

■ 1 Plasma de hasta 2".

■ 1 Pantógrafo de hasta 6".

■ 2 Cizallas.

■ 2 Slitter.

■ 4 Molinos de Tubería.

■ 2 Polineras.

■ 2 Soleradoras.

■ 2 Sierra Cinta.

■ 1 Roladora de Fortadeck.

■ 1 Prensa 12' x 225 Tons.

■ 2 Acanaladoras.



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