

Lista General de Productos

Medidas, Calibres y Pesos Teóricos



FORTACERO

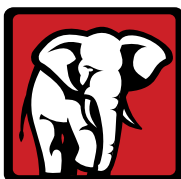
El Mejor Inventario...a tiempo



En **Fortacero** dedicamos nuestro mayor esfuerzo en ser la mejor opción para nuestros clientes en cuanto a existencia y variedad de productos, pretendiendo siempre cumplir con sus requerimientos.

Contamos con instalaciones en Monterrey, México D.F., Guadalajara, Tijuana, Mexicali, Hermosillo, Saltillo, Laguna, San Luis Potosí, León, Querétaro y Veracruz entre las cuales mantenemos permanentemente más de 150,000 toneladas en inventario.

En este folleto presentamos los más de 800 diferentes productos (entre tipos y diversas medidas) que manejamos en stock y de los cuales hemos demostrado mantener constantemente en existencia al menos un 98% de ellos.



FORTACERO

El Mejor Inventario...a tiempo

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ÍNDICE



Capacidad:
3/4" de espesor
8' (100" max.) de ancho
40 Tons. peso de rollo

Cedencia:
hasta 100,000 psi en 1"
hasta 120,000 psi en 1/2"



Placa Temper (VENTAJAS)

Elimina el efecto memoria (springback) generado por esfuerzos residuales.

Corte a largo especial.

Espesor real cercano al nominal, no pague más kilos por la misma pieza.

Cumple con tolerancias mas cerradas en planeza (1/2 ASTM), espesor, descuadre y longitud.

Mejora la procesabilidad de la placa en cortes con pantógrafo, laser o plasma.

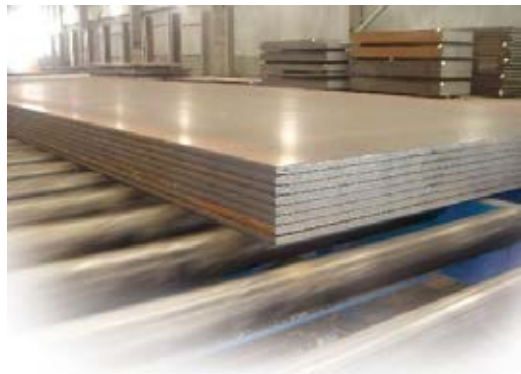
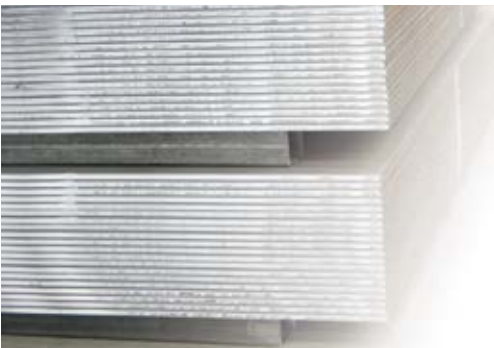
Mejora el acabado superficial del material.

TEMPER MILL



PLACA TEMPER

Placa superior en planeza



Placa libre de memoria



Características de Producto Terminado

Planeza: 50% de la Norma ASTM A568 y A6

Corte a Longitud: 48" a 600"

Precision de: Corte $\pm 1/8"$. Descuadre: $1/8"$

PLACA TEMPER

**Solicite otras
dimensiones y grados**

**PLACA DE GRADO A-36, A-283°C, A-285°C, A-516°70,
A-572°50, A-709°50, A-572°65, SAE 1045**

ESPESOR		PESO		PESOS POR PLACA EN KILOS										
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'
3/16	4.8	37.78	4	---	*84	105	*112	140	176	351	421	---	562	1,123
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	1,685	1,123	2,246
7/16	11.1	88.05	8	---	---	246	---	---	---	---	983	---	---	---
1/2	12.7	100.75	9	---	*225	281	*300	374	468	936	1,123	2,246	1,498	2,995
9/16	14.3	113.24	11	---	---	*316	---	---	---	---	1,264	---	---	---
5/8	15.9	125.94	12	211	281	351	374	468	585	1,170	1,404	2,808	1,872	3,744
3/4	19.0	151.12	14	253	337	421	449	562	702	1,404	1,685	3,370	2,246	4,493
7/8	22.2	176.31	16	---	---	*491	---	---	---	---	1,966	---	2,621	---
1	25.4	201.50	19	337	449	562	599	749	936	1,872	2,246	4,493	2,995	5,990
1 1/8	28.6	226.69	21	---	---	632	---	---	---	---	2,527	---	3,370	6,739
1 1/4	31.7	251.88	23	---	562	702	749	936	1,170	2,340	2,808	5,616	3,744	7,488
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	8,986
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	11,981
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	---
3 1/2	88.9	705.25	66	---	---	---	---	---	---	6,552	7,935	---	10,483	---
4	101.6	806.00	75	---	---	---	---	---	---	7,448	9,069	---	11,981	---
4 1/2	114.3	906.75	84	---	---	---	---	---	---	---	---	---	13,478	---
5	127.0	1,007.50	94	---	---	---	---	---	---	---	---	---	14,976	---
5 1/2	139.7	1,108.25	103	---	---	---	---	---	---	---	---	---	16,474	---

* 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°

PLACA



LÁMINA CALIENTE DECAPADA Y SIN DECAPAR

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

**Contamos con servicio
de corte a largo especial**

PLACA DE ROLLO

ESPESOR		PESOS POR PLACA EN KILOS									
Pulgada	mm.	3' X 8'	3' X 10'	4' X 8'	4' X 10'	5' X 10'	5' X 20'	6' X 20'	7' X 20'	8' X 20'	Kg/m2
3/16	4.8	84	105	112	140	176	351	421	490	562	37.78
1/4	6.3	112	140	150	187	234	468	562	655	749	50.38
5/16	7.9	140	176	187	234	293	585	702	-----	935	62.97
3/8	9.5	168	211	225	281	351	702	842	983	1,123	75.56
7/16	11.1	-----	-----	-----	-----	-----	-----	982	-----	-----	88.05
1/2	12.7	225	281	300	374	468	936	1,123	1,310	1,498	100.75
9/16	14.3	-----	-----	-----	-----	-----	-----	1,262	-----	-----	113.24
5/8	15.9	281	351	374	468	585	1,170	1,404	-----	1,872	125.94
3/4	19.0	337	421	449	562	702	1,404	1,685	-----	2,246	151.12
7/8	22.2	-----	-----	-----	-----	-----	-----	1,966	-----	-----	176.31
1	25.4	-----	-----	599	749	936	1,872	2,246	-----	-----	201.50

**Manejamos también anchos
irregulares diferentes de 38" a 98".**

LÁMINA

LAMINA Y PLACA DE GRADO A-285°C. A-516°70. A-572°50. A-572°65 y SAE 1045

CALIBRE	ESPESOR		KG/M					KG/HOJA					PESO
	Pulgada	mm.	3'	4'	5'	6'	8'	3' X 20'	4' X 20'	5' X 20'	6' X 20'	8' X 20'	Kg/m2
14	0.075	1.905	13.82	-----	-----	-----	-----	84	-----	-----	-----	-----	15.11
12	0.105	2.667	-----	25.80	-----	-----	-----	-----	157	-----	-----	-----	21.16
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

**Contamos con servicio
de corte a largo especial**

LÁMINA EN FRÍO

CALIBRE	ESPESOR		KG/HOJA				PESO
	Pulgada.	mm.	3' X 8'	3' X 10'	4' X 8'	4' X 10'	Kg/m2
14	0.075	1.905	34	42	45	56	15.11
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



LÁMINA

**Contamos con servicio
de corte a largo especial**

LÁMINA ANTIDERRAPANTE

LÁMINA / PLACA

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	-----	54	-----	-----	14.65
14	0.075	1.905	51	68	-----	-----	18.31
12	0.105	2.667	71	95	-----	-----	25.63
1/8	0.125	3.175	84	112	139	279	30.02
3/16	0.188	4.775	118	158	197	395	42.47
1/4	0.250	6.350	153	204	255	510	54.92
3/8	0.375	9.525	-----	297	-----	-----	79.82

GALVANIZADA LISA

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



LÁMINA



CANALES

PERFIL		PESO		ANCHO DEL PATÍN		ESPESOR DEL PATÍN		ESPESOR DEL ALMA	
PULG.	MM.	KG/MT	LBS/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
7	177.8	19.35	13.00	2.157	55	0.343	8.7	0.437	11.1
		14.60	9.80	2.090	53	0.366	9.3	0.210	5.3
8	203.2	17.11	11.50	2.260	57	0.390	9.9	0.220	5.6
		20.46	13.75	2.343	59	0.390	9.9	0.303	7.7
10	254.0	27.90	18.75	2.527	64	0.390	9.9	0.487	12.4
		22.76	15.30	2.600	65	0.436	11.1	0.240	6.1
12	304.8	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
15	381.0	44.64	30.00	3.033	76	0.436	11.1	0.673	17.1
		30.80	20.70	2.942	74	0.501	12.7	0.282	7.2
15	381.0	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
15	381.0	74.50	50.00	3.716	94	0.650	16.5	0.716	18.2

En largos de 6.10 y 12.20 mts.

VIGA IPS

PERALTE		PESO		ANCHO DEL PATÍN		ESPESOR DEL ALMA	
PULG.	MM.	KG/MT	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
8	203.2	27.38	18.4	4.00	102	0.27	7

VIGAS IPR / VIGA W

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 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	31 35 40 48	8.00 8.12 8.25 8.50	203 206 210 216	8.00 8.02 8.07 8.11	203 204 205 206	0.44 0.50 0.56 0.69	11.2 12.7 14.2 17.4	0.29 0.31 0.36 0.40	7.4 7.9 9.1 10.2
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	49 54 60 68	9.98 10.09 10.22 10.40	253 256 260 264	10.00 10.03 10.08 10.13	254 255 256 257	0.56 0.62 0.68 0.77	14.2 15.7 17.3 19.6	0.34 0.37 0.42 0.47	8.6 9.4 10.7 11.9
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

CAVALES /
VIGAS

VIGAS IPR / VIGA W

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	96.7 107.1 117.6 129.6 142.9 157.9	65 72 79 87 96 106	12.12 12.25 12.38 12.53 12.71 12.89	308 311 314 318 323 327	12.00 12.04 12.08 12.13 12.16 12.22	305 306 307 308 309 310	0.61 0.67 0.74 0.81 0.90 0.99	15.5 17.0 18.8 20.6 22.9 25.1	0.39 0.43 0.47 0.52 0.55 0.61	9.9 10.9 11.9 13.1 14.0 15.5
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 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	145 159 176 193 211 233	14.78 14.98 15.22 15.48 15.72 16.04	375 380 387 393 399 407	15.50 15.57 15.65 15.71 15.80 15.89	394 395 398 399 401 404	1.09 1.19 1.31 1.44 1.56 1.72	27.7 30.2 33.3 36.6 39.6 43.7	0.68 0.75 0.83 0.89 0.98 1.07	17.3 19.0 21.1 22.6 24.9 27.2
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 279.4	113.1 128.0 144.3 157.7 177.1	76 86 97 106 119	18.21 18.39 18.59 18.73 18.97	463 467 472 476 482	11.04 11.09 11.15 11.20 11.27	280 282 283 284 286	0.68 0.77 0.87 0.94 1.06	17.3 19.6 22.1 23.9 26.9	0.43 0.48 0.54 0.59 0.66	10.9 12.2 13.7 15.0 16.8
21" x 6 1/2"	533.4 x 165.1	65.5 74.4	44 50	20.66 20.83	525 529	6.50 6.53	165 166	0.45 0.54	11.4 13.7	0.35 0.38	8.9 9.7



**Este producto cumple con los siguientes
grados de acero A36 / A572-50 / A 992**

VIGAS IPR / VIGA W

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.
21" x 8 1/4"	533.4 x 209.5	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
		138.4	93	21.62	549	8.42	214	0.93	23.6	0.58	14.7
21" x 12 1/4"	533.4 x 311.1	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	81.8	55	23.57	599	7.01	178	0.51	13.0	0.40	10.2
		92.3	62	23.74	603	7.04	179	0.59	15.0	0.43	10.9
24" x 9"	609.6 x 228.6	101.2	68	23.73	603	8.97	228	0.59	15.0	0.42	10.7
		113.1	76	23.92	608	8.99	228	0.68	17.3	0.44	11.2
		125.0	84	24.10	612	9.02	229	0.77	19.6	0.47	11.9
		139.9	94	24.31	617	9.07	230	0.88	22.4	0.52	13.2
		153.3	103	24.53	623	9.00	229	0.98	24.9	0.55	14.0
24" x 12 3/4"	609.6 x 323.8	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
27" x 10"	685.8 x 254.0	125.0	84	26.71	678	9.96	253	0.64	16.3	0.46	11.7
		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
27" x 14"	685.8 x 355.6	217.3	146	27.38	695	13.97	355	0.98	24.9	0.61	15.5
		239.6	161	27.59	701	14.02	356	1.08	27.4	0.66	16.8
30" x 10 1/2"	762.0 x 266.7	133.9	90	29.53	750	10.40	264	0.61	15.5	0.47	11.9
		147.3	99	29.65	753	10.45	265	0.67	17.0	0.52	13.2
		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
33" x 11 1/2"	838.2 x 292.1	175.6	118	32.86	835	11.48	292	0.74	18.8	0.55	14.0
		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
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	35.85	911	11.98	304	0.94	23.9	0.63	15.9
40" x 12"	1016 x 304.8	221.7	149	38.20	970	11.81	300	0.83	21.1	0.63	16.0

VIGAS IPR /
VIGAS W

NOTA: Vigas no incluidas en esta tabla favor de solicitar cotización

VIGAS IPR

ÁNGULOS (LADOS IGUALES)

Ángulos a 6.10 mts. (20 pies)

ESPESOR	ANCHO	ESPESOR	ANCHO	PESO
PULGADA		MM.		KG/M
.109	x1	2.8	x 25.4	1.05
	x1 1/4		x 31.7	1.33
	x1 1/2		x 38.1	1.61
1/8	x 3/4	3.2	x 19.0	0.88
	x1		x 25.4	1.19
	x1 1/4		x 31.7	1.50
	x1 1/2		x 38.1	1.83
3/16	x2	4.8	x 50.8	2.46
	x1		x 25.4	1.73
	x1 1/4		x 31.7	2.20
	x1 1/2		x 38.1	2.68
	x1 3/4		x 44.4	3.15
	x2		x 50.8	3.63
	x2 1/2		x 63.5	4.57
1/4	x3	6.3	x 76.2	5.52
	x1		x 25.4	2.22
	x1 1/4		x 31.7	2.86
	x1 1/2		x 38.1	3.48
	x2		x 50.8	4.75
	x2 1/2		x 63.5	6.10
	x3		x 76.2	7.29
	x4		x 101.6	9.82
5/16	x3	7.9	x 76.2	9.08
	x4		x 101.6	12.20
3/8	x2	9.5	x 50.8	6.99
	x2 1/2		x 63.5	8.78
	x3		x 76.2	10.71
	x4		x 101.6	14.58
	x5		x 127.0	18.30
	x6		x 152.4	22.17
1/2	x3	12.7	x 76.2	13.99
	x4		x 101.6	19.05
	x6		x 152.4	29.16

Se manejan en Acero A-36 ó A-529°50

Ángulos a 12.20 mts. (40 pies)

.109	x 1	2.8	x 25.4	1.05
	x 1 1/4		x 31.7	1.33
	x 1 1/2		x 38.1	1.61
1/8	x 1 1/2	3.2	x 38.1	1.83
	x 1 3/4		x 44.4	2.14
	x 2		x 50.8	2.46
3/16	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 3/4	6.3	x 44.4	4.12
	x 2		x 50.8	4.75
	x 2 1/2		x 63.5	6.10
	x 3		x 76.2	7.29
	x 3 1/2		x 88.9	8.63
5/16	x 4	7.9	x 101.6	9.82
	x 3		x 76.2	9.08
	x 3 1/2		x 88.9	10.71
	x 4		x 101.6	12.20
	x 5		x 127.0	15.32
	x 6		x 152.4	18.45
3/8	x 3	9.5	x 76.2	10.71
	x 3 1/2		x 88.9	12.64
	x 4		x 101.6	14.58
	x 5		x 127.0	18.30
	x 6		x 152.4	22.17
7/16	x 4	11.1	x 101.6	16.81
	x 6		x 152.4	25.59
1/2	x 3	12.7	x 76.2	13.99
	x 4		x 101.6	19.05
	x 5		x 127.0	24.11
	x 6		x 152.4	29.16
	x 8		x 203.2	39.28
9/16	x 6	14.3	x 203.2	44.05
5/8	x 8	15.9	x 203.2	48.66
	x 6		x 152.4	36.01
3/4	x 8	19.0	x 203.2	42.71
	x 6		x 152.4	36.01
	x 8		x 203.2	42.71
7/8	x 8	22.2	x 203.2	57.88
1	x 6	25.4	x 152.4	66.96
	x 8		x 203.2	75.89
1 1/8	x 8	28.6	x 203.2	84.67

Se manejan en Acero A-572°50 ó A-529°50

**Pregunte por
nuestro inventario
en grado dual.**

**Solicite
otras medidas**

ÁNGULOS (LADOS DESIGUALES)

Ángulos a 6.10 mts. (20 pies)

ESPESOR	ANCHO	ESPESOR	ANCHO	PESO
PULG.		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 12.20 mts. (40 pies)

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
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

Se manejan en Acero A-36 ó A-529°50



PERFILES COMERCIALES

SOLERAS

Soleras a 6.10 mts. (20 pies)

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

Se manejan en Acero A-36

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



SOLERAS

Soleras a 6.10 mts. (20 pies)

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
5/8	x 5	15.9	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
	x 3		x 76.2	9.49
3/4	x 4	19.0	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
1	x 1 1/2	25.4	x 38.1	5.70
	x 2		x 50.8	7.59
	x 2 1/2		x 63.5	9.49
	x 3		x 76.2	11.40
	x 4		x 101.6	15.18
	x 5		x 127.0	18.99
	x 6		x 152.4	22.80
	x 8		x 203.2	30.36
	x 10		x 254.0	37.97
	x 12		x 304.8	45.59
	x 2		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

Se manejan en Acero A-36

SOLERAS

Soleras a 12.20 mts. (40 pies)

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

Se manejan en Acero A-529°55

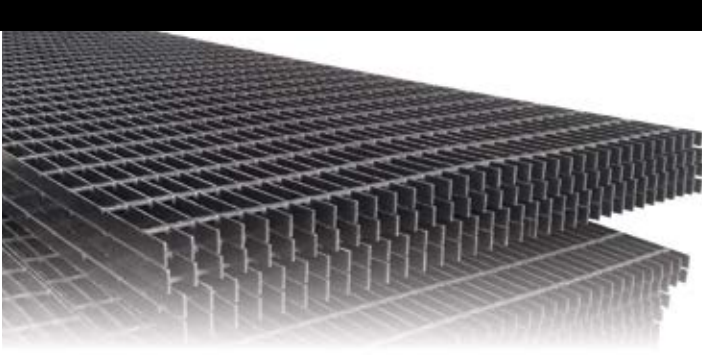
PERFILES COMERCIALES

REDONDOS Y CUADRADOS

Pulgada	mm.	Redondos (Kg/m)	Cuadros (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	-----
3	76.2	35.78	-----

REDONDO BRILLANTE (semiflecha)

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



**Pregunte por otras
medidas en rejillas**

REJILLA ELECTROFORJADA

TAMAÑO DE SOLERA		PESO	CLARO MAXIMO CON CARGA HUMANA	CLARO MAXIMO CON EQUIPO PESADO
Pulgada	mm.	Kg/m2	m.	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

POLÍN

Perfil	Dimensiones	Kg/m	Largo (m)
3 Cal 14	3" x 1 1/2"	2.40	6
4 Cal 14	4" x 2"	3.18	6
5 Cal 14	5" x 2"	3.55	6
6 Cal 14	6" x 2"	3.92	6
6 Cal 12	6" x 2"	5.58	6
8 Cal 14	8" x 2 3/4"	5.19	8
8 Cal 12	8" x 2 3/4"	7.39	8
8 Cal 10	8" x 2 3/4"	9.46	8
10 Cal 14	10" x 2 3/4"	5.98	10
10 Cal 12	10" x 2 3/4"	8.46	10
10 Cal 10	10" x 2 3/4"	10.83	10
12 Cal 14	12" x 3 1/2"	7.57	12
12 Cal 12	12" x 3 1/2"	10.55	12
12 Cal 10	12" x 3 1/2"	13.50	12

**En los polines de 6" a 12"
contamos con alta resistencia,
largos especiales y punzonado**

REJILLA /
POLÍN



CONSTRUCCIÓN

DIMENSIONES EXTERIORES		ESPESOR		COLOR DE IDENTIFICACIÓN	PESO
Pulgada	mm.	Pulgada	mm.		Kg/m
3/4" x 3/4"	19 x 19	0.048	1.2	C18	0.70
1" x 1"	25 x 25	0.048	1.2	C18	0.95
		0.075	1.9	C14	1.33
		0.105	2.7	Verde	1.76
		0.135	3.4	Rojo	2.13
1 1/4" x 1 1/4"	32 x 32	0.048	1.2	C18	1.22
		0.075	1.9	C14	1.71
1 1/2" x 1 1/2"	38 x 38	0.048	1.2	C18	1.47
		0.075	1.9	C14	2.09
		0.105	2.7	Blanco	2.82
		0.120	3.0	Verde	3.17
		0.150	3.8	Rojo	3.81
2" x 1"	51 x 25	0.075	1.9	C14	2.09
2" x 2"	51 x 51	0.048	1.2	C18	1.96
		0.075	1.9	C14	2.85
		0.105	2.7	Blanco	3.89
		0.120	3.0	Verde	4.38
		0.150	3.8	Rojo	5.33
2 1/2" x 2 1/2"	64 x 64	0.120	3.0	Blanco	5.60
		0.135	3.4	Verde	6.23
		0.180	4.6	Rojo	8.00
3" x 1 1/2"	76 x 38	0.075	1.9	C14	3.23
3" x 2"	76 x 51	0.120	3.0	Blanco	5.60
		0.135	3.4	Verde	6.23
		0.180	4.6	Rojo	8.00
3" x 3"	76 x 76	0.120	3.0	Blanco	6.81
		0.150	3.8	Verde	8.37
		0.180	4.6	Rojo	9.81
		0.250	6.3	1/4	13.11
3 1/2" x 3 1/2"	89 x 89	0.120	3.0	Blanco	8.03
		0.150	3.8	Verde	9.89
		0.180	4.6	Rojo	11.62
		0.250	6.3	Azul	15.64
4" x 1 1/2"	102 x 38	0.075	1.9	C14	3.99
4" x 2"	102 x 51	0.120	3.0	Blanco	6.81
		0.150	3.8	Verde	8.37
		0.180	4.6	Rojo	9.81
4" x 3"	102 x 76	0.120	3.0	Blanco	8.03
		0.150	3.8	Verde	9.89
		0.180	4.6	Rojo	11.62
		0.250	6.3	1/4	15.64
4" x 4"	102 x 102	0.120	3.0	Blanco	9.24
		0.180	4.6	Rojo	13.44
		0.250*	6.3	Azul	18.18
5" x 5"	127 x 127	0.180*	4.6	Rojo	17.06
		0.250*	6.3	Azul	23.24
6" x 4"	152 x 102	0.120*	3.0	Blanco	11.68
		0.180*	4.6	Rojo	17.06
		0.250*	6.3	Azul	23.24

Corte a medida en Sierra Cinta

* Se manejan a 6.10 m.

HSS**A-500²B LIM. ELÁSTICO 46.000 PSI (lb/in²)**

**Solicite
otras
medidas**

**Corte a
medida
en Sierra
Cinta**

DIMENSIONES EXTERIORES		ESPESOR		PESO
Pulgada	mm.	Pulgada	mm.	Kg/pza.
4" x 4"	102 x 102	0.375	9.5	314
6" x 4"	152 x 102	0.375	9.5	406
6" x 6"	152 x 152	0.187	4.7	264
		0.250	6.3	346
		0.312	7.9	424
		0.375	9.5	500
		0.500	12.7	640
8" x 4"	203 x 102	0.187	4.7	264
		0.250	6.3	346
		0.375	9.5	500
		0.500	12.7	640
8" x 6"	203 x 152	0.250	6.3	408
		0.375	9.5	592
8" x 8"	203 x 203	0.187	4.7	356
		0.250	6.3	470
		0.312	7.9	578
		0.375	9.5	684
		0.500	12.7	888
10" x 6"	254 x 152	0.187	4.7	358
		0.250	6.4	470
		0.375	9.5	685
10" x 10"	254 x 254	0.187	4.7	450
		0.250	6.3	592
		0.312	7.9	734
		0.375	9.5	870
		0.500	12.7	1,134
12" x 6"	305 x 152	0.375	9.5	778
12" x 8"	305 x 203	0.375	9.5	870
		0.500	12.7	1,134
12" x 12"	305 x 305	0.250	6.3	716
		0.312	7.9	888
		0.375	9.5	1,056
		0.500	12.7	1,382
		0.625	15.9	1,694
14" x 14"	356 x 356	0.375	9.5	1,240
		0.500	12.7	1,628
		0.625	15.9	1,998
16" x 16"	406 x 406	0.375	9.5	1,426
		0.500	12.7	1,876
		0.625	15.9	2,312

En largos de 12.20 mts.

HSSPTR
HHS

TUBO ESTRUCTURAL

		DIÁMETRO NOMINAL		DIÁMETRO EXTERIOR		DIÁMETRO INTERIOR		ESPESOR		PESO
		Pulgada	mm.	Pulgada	mm.	Pulgada	mm.	Pulgada	mm.	Kg/m
CEDULA 40	{	1*	25.40	1.315	33.40	1.049	26.64	0.133	3.38	2.50
		1 1/4*	31.75	1.660	42.16	1.380	35.05	0.140	3.56	3.39
		1 1/2*	38.10	1.900	48.26	1.610	40.89	0.145	3.68	4.05
		2*	50.80	2.375	60.33	2.067	52.50	0.154	3.91	5.44
		2 1/2*	63.50	2.875	73.03	2.469	62.71	0.203	5.16	8.63
		3*	76.20	3.500	88.90	3.068	77.93	0.216	5.49	11.29
		4*	101.60	4.500	114.30	4.026	102.26	0.237	6.02	16.07
		6*	152.40	6.625	168.28	6.125	155.58	0.250	6.35	25.41
		8*	203.20	8.625	219.08	8.125	206.38	0.250	6.35	35.57
		8*	203.20	8.625	219.08	7.981	202.72	0.322	8.18	42.55
		10**	254.00	10.750	273.05	10.250	260.35	0.250	6.35	41.88
		10**	254.00	10.750	273.05	10.000	254.00	0.375	9.53	62.03
		12**	304.80	12.750	323.85	12.250	311.15	0.250	6.35	49.84
		12**	304.80	12.750	323.85	12.000	304.80	0.375	9.53	73.91
		14**	355.60	14.000	355.60	13.250	336.55	0.375	9.53	81.41
		16**	406.00	16.000	406.40	15.000	381.00	0.500	12.7	123.44

* Longitud 6.00, 6.10 y 6.40 mts. / ** Longitud 12.20 mts.

TUBO MECÁNICO CED.30

DIÁMETRO NOMINAL		DIÁMETRO EXTERIOR		DIÁMETRO INTERIOR		ESPESOR		PESO
Pulgada	mm.	Pulgada	mm.	Pulgada	mm.	Pulgada	mm.	Kg/m
3/4	19.05	1.050	26.67	0.900	22.86	0.075	1.91	1.13
1	25.40	1.315	33.40	1.165	29.59	0.075	1.91	1.50
1 1/4	31.75	1.660	42.16	1.480	37.59	0.090	2.29	2.35
1 1/2	38.10	1.900	48.26	1.720	43.69	0.090	2.29	2.70
2	50.80	2.375	60.33	2.165	54.99	0.105	2.67	3.95

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



NUESTRA **INFRAESTRUCTURA**



385,000 m2 de terreno entre nuestras 12 ubicaciones.

110,000 m2 techados.

42 montacargas con capacidad de hasta 16 tons.

32 Grúas viajeras de hasta 40 tons de capacidad.

1 Temper Mill.

4 Niveladoras.

1 Slitter.

1 Polinera.

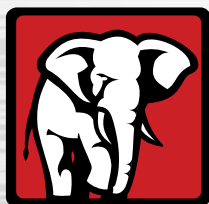
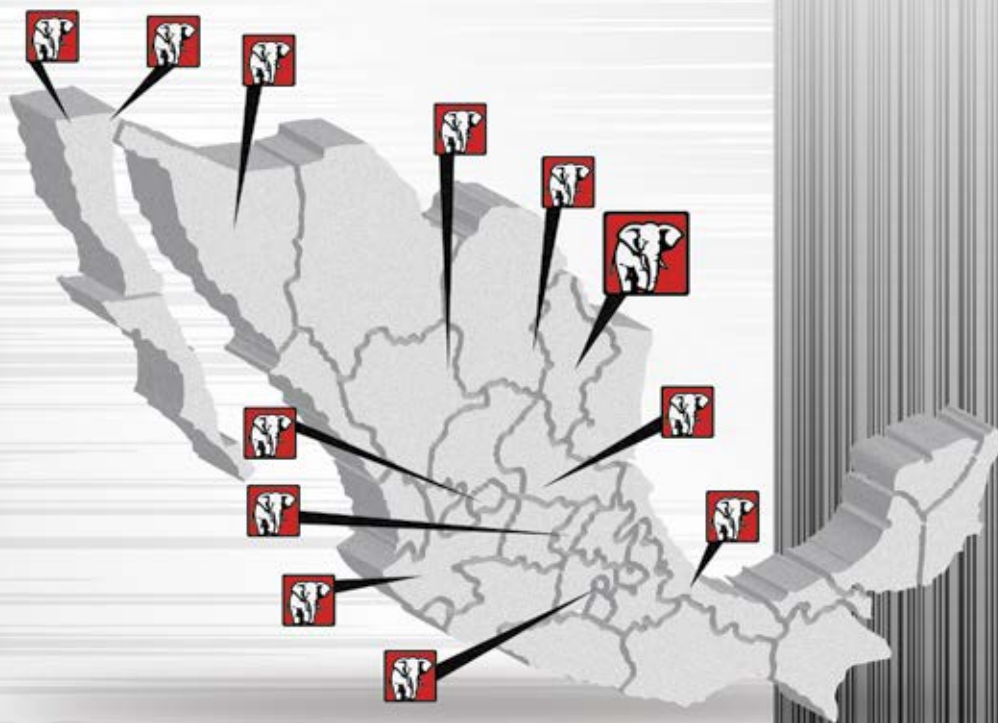
1 Soleradora de 1/4" x 10".

2 Cizallas.

1 Pantógrafo de hasta 5".

2 Sierra Cinta.

**Para conocer nuestras direcciones
consulte la contraportada de nuestro Catálogo**



FORTACERO

El Mejor Inventario...a tiempo

NUESTRAS 12 UBICACIONES

LISTADO DE SERVICIOS QUE OFRECEMOS:



CIZALLAS

Corta Tiras y Cuadros.
Corta hasta 5/8" x 20'



PANTOGRAFO

Corta: Tiras, Discos, Anillos y cualquier figura diseñada en Autocad.
Corta hasta 5" de espesor y en medidas de hasta 8' x 40'



SLITTER

Corta cintas a partir de rollo.
Corta hasta 3/16" x 60" en rollos de hasta 20 toneladas



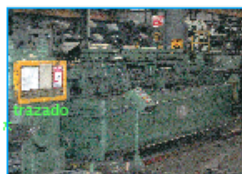
SIERRA CINTA

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



NIVELADORAS

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



SOLERADORA

Fabricación de solera hasta 3/16" x 10".



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