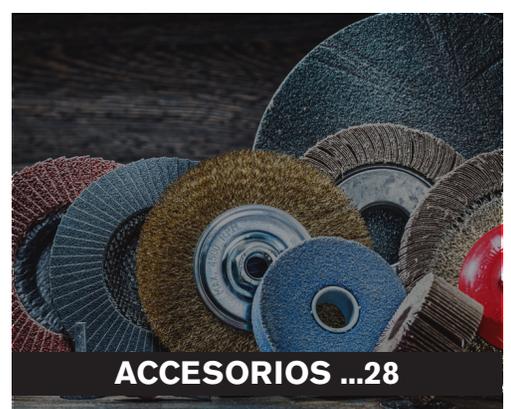
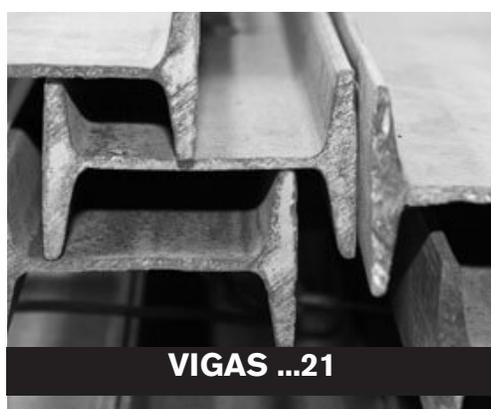
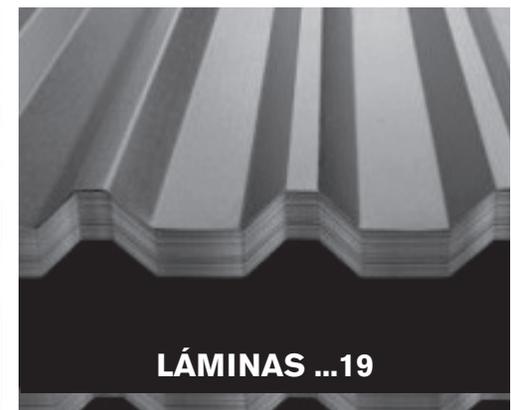
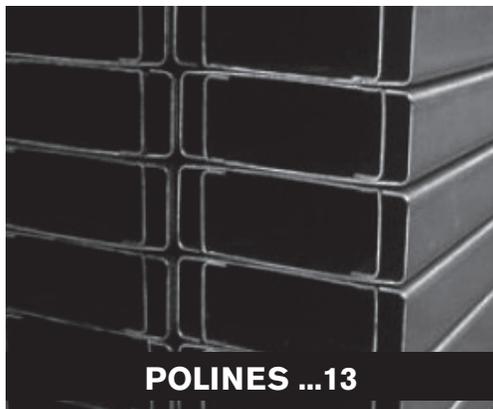




Acero convertido en soluciones

CATÁLOGO DE PRODUCTOS

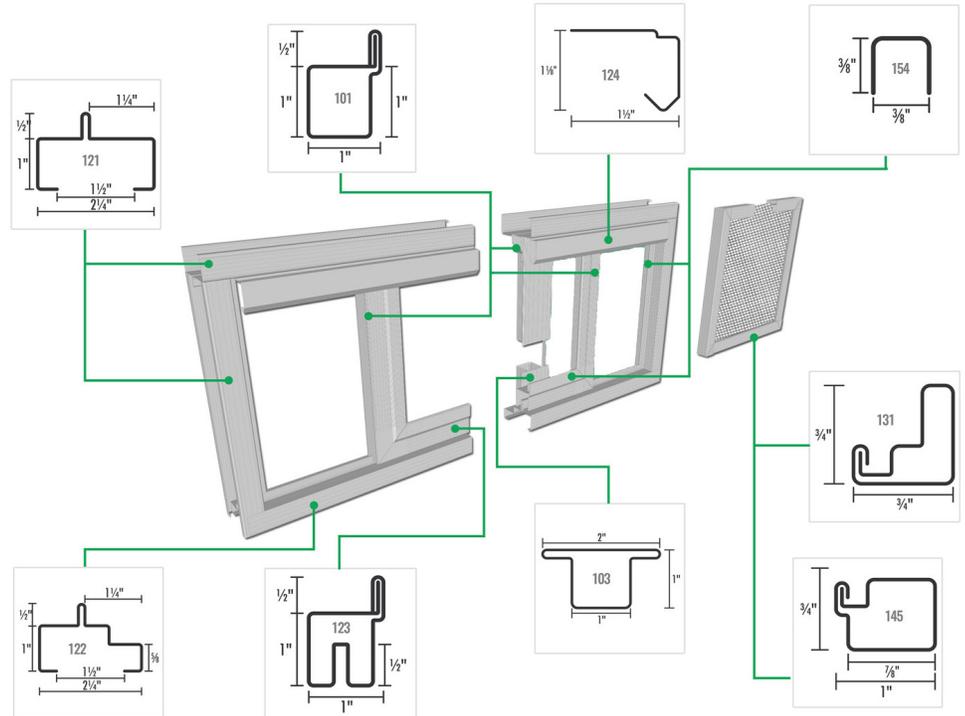
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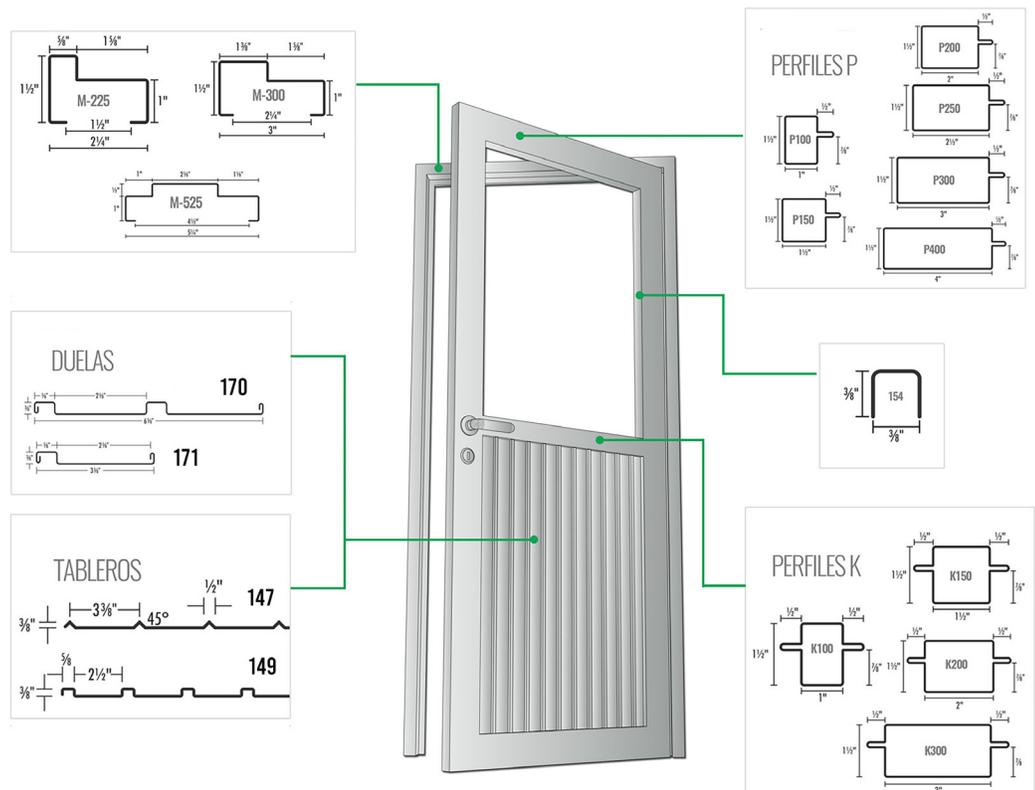
**¿YA
CONOCES
NUESTRA
LÍNEA
AMSA?**

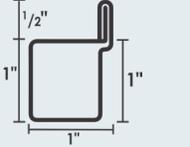
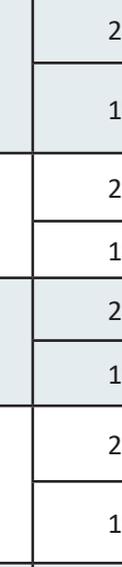
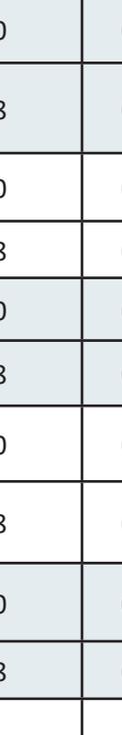
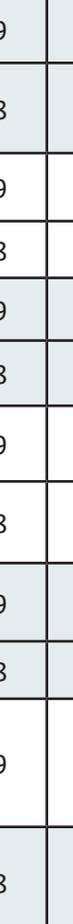
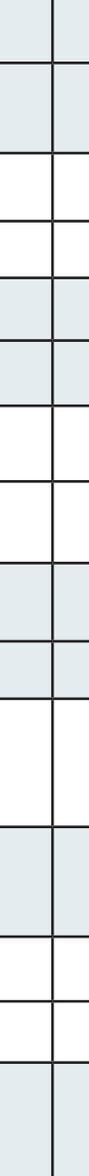
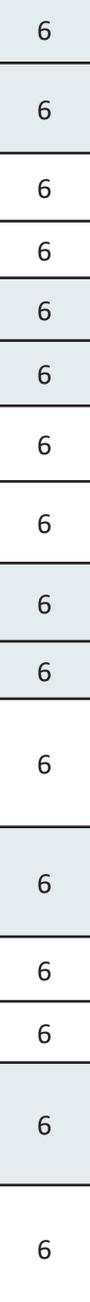
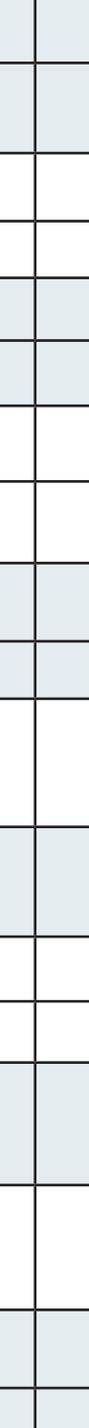
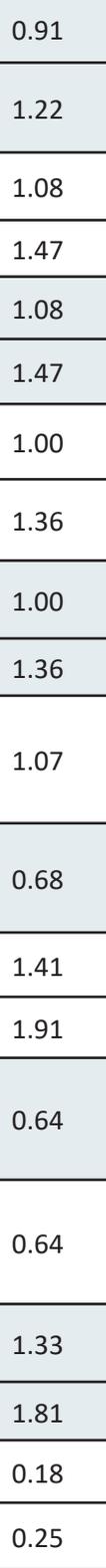
Estos son
**PRODUCTOS
DE
OPORTUNIDAD,**
consulta a tu
asesor
comercial.

PERFILES PARA VENTANAS



PERFILES PARA PUERTAS



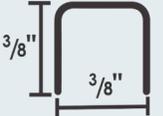
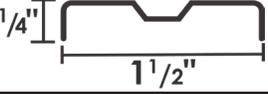
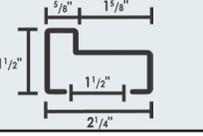
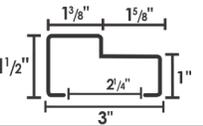
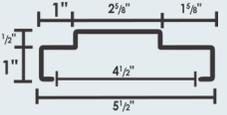
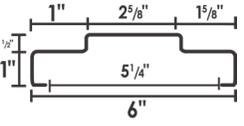
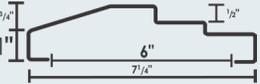
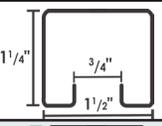
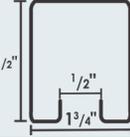
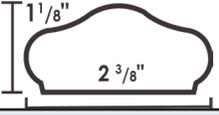
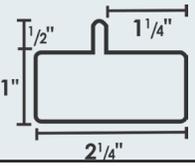
Figura/descripción	Nombre	Calibre (nominal)	Espesor (pulgada)	Inventario	Longitud (metros)	Kilogramo x metro
	101	20	0.0359	PR/GV	6	0.91
		18	0.0478	PR/GV	6	1.22
	103	20	0.0359	PR/GV	6	1.08
		18	0.0478	PR/GV	6	1.47
	106	20	0.0359	PR	6	1.08
		18	0.0478	PR	6	1.47
	121	20	0.0359	PR/GV	6	1.00
		18	0.0478	PR/GV	6	1.36
	122	20	0.0359	PR/GV	6	1.00
		18	0.0478	PR	6	1.36
	123	20	0.0359	PR/GV	6	1.07
	124	18	0.0478	PR/GV	6	0.68
	127	20	0.0359	PR/GV	6	1.41
		18	0.0478	PR	6	1.91
	131	20	0.0359	PR	6	0.64
	145	20	0.0359	PR	6	0.64
	159	20	0.0359	*	6	1.33
		18	0.0478	PR	6	1.81
	154 Canutillo	20	0.0359	PR/GV	6	0.18
		18	0.0478	PR	6	0.25

PR - Pintado Rojo.

GV - Galvanizado Verde.

* - Fabricación Especial.

■ - Línea AMSA

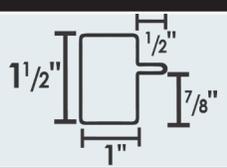
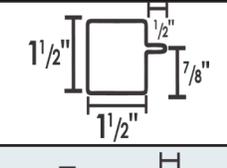
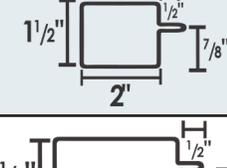
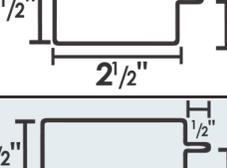
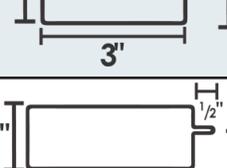
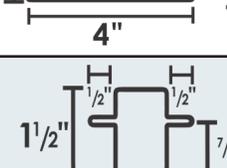
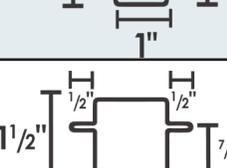
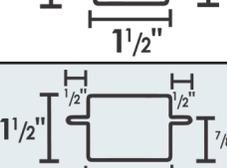
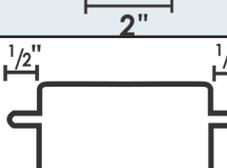
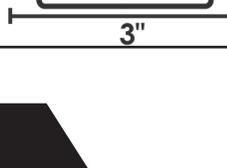
Figura/descripción	Nombre	Calibre (nominal)	Espesor (pulgada)	Inventario	Longitud (metros)	Kilogramo x metro
	154 Canutillo	20	0.0359	PR/GV	6	0.18
		18	0.0478	PR	6	0.25
	156	20	0.0359	*	6	0.39
	M-225	20	0.0359	PR/GV	5.5	1.03
		18	0.0478	PR/GV	5.5	1.41
	M-300	20	0.0359	PR	5.5	1.17
	M-525	20	0.0359	PR	5.5	1.56
		18	0.0478	*	5.5	2.12
	M-600	20	0.0359	PR	5.5	1.69
		18	0.0478	*	6	2.31
	M-725	18	0.0478	*	5.5	2.68
	1400 Riel	18	0.0478	PR/GV	6	1.24
	1500 Riel	16	0.0598	PR	6	2.45
		14	0.0747	PR/GN	6	3.06
	160 Pasamanos	20	0.0359	PR/GV	6	1.08
		18	0.0478	PR/GV	6	1.47
	126	20	0.0359	PR/GV	6	1.27
		18	0.0478	PR	6	1.72

PR - Pintado Rojo.

GV - Galvanizado Verde.

* - Fabricación Especial.

■ - Línea AMSA

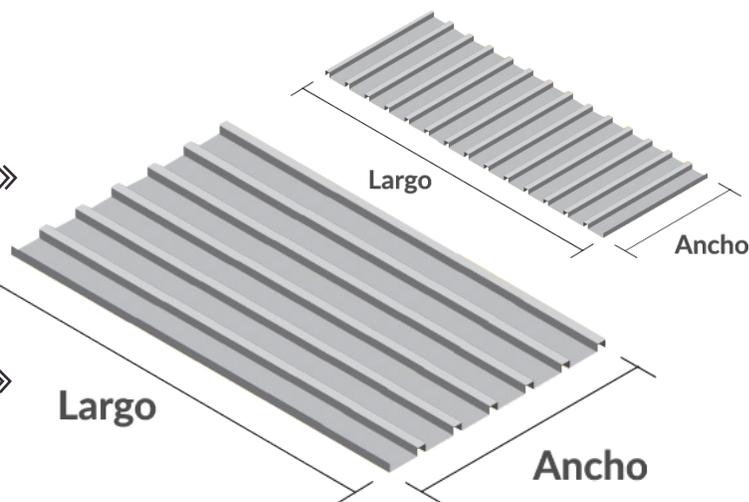
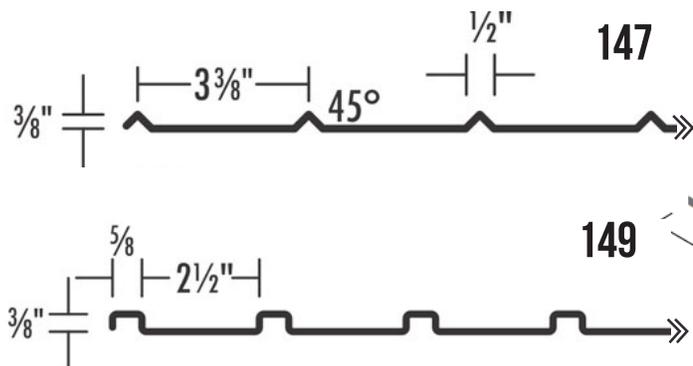
Figura/descripción	Nombre	Calibre (nominal)	Espesor (pulgada)	Inventario	Longitud (metros)	Kilogramo x metro
	P-100	20	0.0359	PR/GV	6	1.01
		18	0.0478	PR/GV	6	1.36
	P-150	20	0.0359	PR/GV	6	1.19
		18	0.0478	PR/GV	6	1.61
	P-200	20	0.0359	PR/GV	6	1.37
		18	0.0478	PR/GV	6	1.86
	P-250	20	0.0359	PR/GV	6	1.56
		18	0.0478	PR/GV	6	2.09
	P-300	20	0.0359	PR/GV	6	1.73
		18	0.0478	PR/GV	6	2.32
	P-400	20	0.0359	PR/GV	6	2.09
		18	0.0478	PR	6	2.82
	K-100 Travesaño	20	0.0359	*	6	1.16
		18	0.0478	PR	6	1.58
	K-150 Travesaño	20	0.0359	PR/GV	6	1.34
		18	0.0478	PR	6	1.83
	K-200 Travesaño	20	0.0359	PR	6	1.52
	K-300 Travesaño	20	0.0359	PR/GV	6	1.88
		18	0.0478	PR	6	2.57

PR - Pintado Rojo.

* - Fabricación Especial.

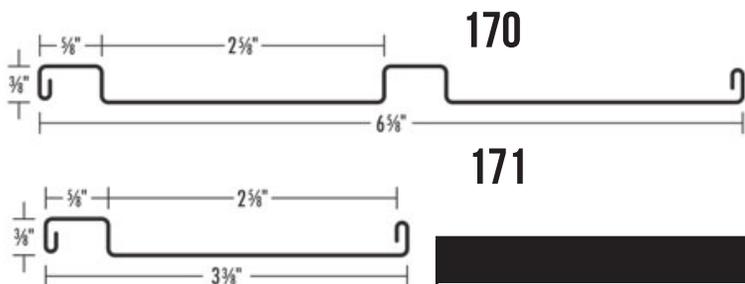
GV - Galvanizado Verde.

■ - Línea AMSA



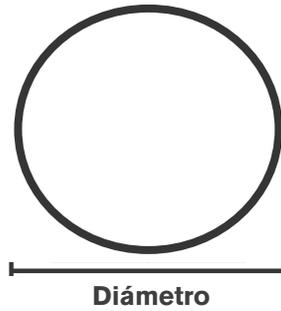
TABLERO						
Descripción	Ancho (mts)	Largo (mts)	Calibre (nominal)	Espesor (pulgada)	Inventario	Kg x metro
147	0.91	1.95	22	0.0299	Pintado	5.45
147	0.91	2.44	22	0.0299	Pintado	5.45
147	0.91	3.00	22	0.0299	Pintado	5.45
147	0.91	3.05	22	0.0299	Pintado	5.45
149	0.91	1.95	22	0.0299	Pintado	5.45
149	0.91	2.44	22	0.0299	Pintado	5.45
149	0.91	3.00	22	0.0299	Pintado	5.45
149	0.91	3.05	22	0.0299	Pintado	5.45

DUELAS



DUELA					
Descripción	Calibre (nominal)	Inventario	Espesor	Longitud (metro)	Kilogramo x metro
170	20	Pintado	0.0359	6.00	1.54
171	20	Pintado	0.0359	6.00	0.86

PR - Pintado Rojo. * - Fabricación Especial.
 GV - Galvanizado Verde. ■ - Línea AMSA



TUBO CERQUERO (GALVANIZADO)					
Diá. ext. (pulg)	Calibre (nominal)	Espesor	Inventario	Longitud (metros)	Kilogramo x metro
1	18	0.0478	*	6.00	0.72
	16	0.0598	*	6.00	0.89
1.315	20	0.0359	*	6.00	0.73
	18	0.0478	*	6.00	0.96
1.5	20	0.0359		6.00	0.84
	18	0.0478		6.00	1.10
1.66	20	0.0359	*	6.00	0.93
	18	0.0478	*	6.10	1.22
1.9	20	0.0359		6.00	1.06
	18	0.0478		6.00	1.41
	16	0.0598	*	6.00	1.75
	14	0.0747	*	6.00	2.17
2.375	18	0.0478		6.00	1.77
	16	0.0598	*	6.00	2.20
	14	0.0747	*	6.00	2.73

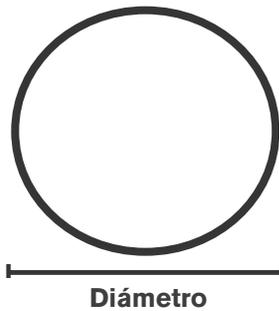
| - Inventario.

GN - Galvanizado Natural.

* - Fabricación Especial bajo pedido.

 Línea AMSA

- Tubo cerquero de 1.9 C20 de 6.00 y 4.80 mts.



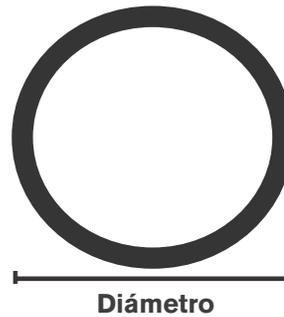
Descripción	Diá. Pulg.	Calibre (nom.)	Espesor	Inventario	Longitud (metros)	Kilogramos x metro	Descripción	Diá. Pulg.	Calibre (nom.)	Espesor	Inventario	Longitud (metros)	Kilogramos x metro				
1/2"	0.500"	22	0.0299	*	6.00	0.22	1 1/2"	1.500"	18	0.0478	I / GN	6.00	1.10				
		20	0.0359	I	6.00	0.26			16	0.0598	I	6.00	1.37				
		18	0.0478	I	6.00	0.34			14	0.0747	*	6.00	1.69				
5/8"	0.625"	22	0.0299	*	6.00	0.28	1 3/4"	1.750"	20	0.0359	*	6.00	0.98				
		20	0.0359	I	6.00	0.34			18	0.0478	I	6.00	1.29				
18	0.0478	I	6.00	0.44	16	0.0598			I	6.00	1.61						
14	0.0747	*	6.40	0.71	14	0.0747			*	6.00	1.99						
3/4"	0.750"	22	0.0299	I	6.00	0.34	1 7/8"	1.875"	20	0.0359	*	6.40	1.05				
		20	0.0359	I	6.00	0.41			12	0.1046	*	6.00	2.94				
		18	0.0478	I	6.00	0.53	2"	2.000"	20	0.0359	I	6.40	1.12				
		16	0.0598	I	6.00	0.66			18	0.0478	I	6.00	1.48				
3/16"	0.840"	13	0.0897	*	6.40	1.07	16		0.0598	I	6.00	1.84					
7/8"	0.875"	20	0.0359	I	6.00	0.48	2 1/8"		2.125"	14	0.0747	*	6.00	2.29			
		18	0.0478	I	6.00	0.63		2 1/4"		2.250"	18	0.0478	I	6.00	1.67		
		14	0.0747	*	6.00	0.95					16	0.0598	I	6.00	2.08		
1"	1.000"	20	0.0359	I	6.00	0.55	2 1/2"	2.500"	14		0.0747	*	6.00	2.88			
		18	0.0478	I	6.00	0.72			2 3/4"	2.750"	11	0.1196	*	6.00	5.00		
		16	0.0598	I	6.00	0.89					3"	3.000"	18	0.0478	I	6.00	2.24
1 1/8"	1.125"	18	0.0478	*	6.00	0.82	3 1/2"	3.500"	16	0.0598			I	6.00	2.79		
		14	0.0747	*	6.00	1.25			14	0.0747			*	6.00	3.47		
1 1/4"	1.250"	20	0.0359	I	6.00	0.69			4 1/2"	4.500"	1/4	0.2500	*	6.00	12.91		
		18	0.0478	I	6.00	0.91	3"	3.000"			13	0.0897	*	6.00	4.86		
		16	0.0598	I	6.00	1.13			3 1/2"	3.500"	1/4	0.2500	*	6.00	12.91		
		14	0.0747	*	6.00	1.40	1 1/2"	1.500"			20	0.0359	I / GN	6.00	0.84		
1.315"	1.315"	20	0.0359	*	6.00	0.73			1 1/2"	1.500"	18	0.0478	*	6.00	0.96		
		18	0.0478	*	6.00	0.96					3 1/2"	3.500"	16	0.0598	*	6.00	1.19
		16	0.0598	*	6.00	1.19							3 1/2"	3.500"	12	0.1046	*
		12	0.1046	*	6.00	2.01	3 1/2"	3.500"			1/4	0.2500			*	6.00	16.89

| - Inventario.

GN - Galvanizado Natural.

* - Fabricación Especial bajo pedido.

■ - Línea AMSA



CÉDULA 30							CÉDULA X				
Diá. Nom. (pulg.)	Diá. Ext. (pulg.)	Calibre (nom.)	Espesor (pulgada)	Inventario	Longitud (metros)	Kilogramos x metro	Calibre (nom.)	Espesor (pulgadas)	Inventario	Longitud (metros)	Kilogramos x metro
1/2"	0.840"	14	0.0747		6.1	0.91	--			--	--
3/4"	1.050"	14	0.0747		6.1	1.16	--			--	--
1"	1.315"	14	0.0747		6.1	1.47	--			--	--
1 1/4"	1.660"	13	0.0897		6.1	2.24	--			--	--
1 1/2"	1.900"	13	0.0897		6.1	2.58	--			--	--
2"	2 3/8"	12	0.1046		6.1	3.77	10	0.1345	*	6.4	4.79
2 1/2"	2 7/8"	12	0.1046		6.1	4.61	9	0.1495	*	6.4	6.48
3"	3 1/2"	11	0.1196		6.1	6.43	3/16"	0.1875	*	6.4	9.87
4"	4 1/2"	11	0.1196		6.1	8.33	3/16"	0.1875	*	6.4	12.85
6"	6 5/8"	3/16"	0.1875	*	6.1	19.18	3/16"	0.1875	*	6.4	19.18

CÉDULA 40							CÉDULA 80				
Diá. Nom. (pulg.)	Diá. Ext. (pulg.)	Calibre (nom.)	Espesor (pulg.)	Inventario	Longitud (metros)	Kilogramos x metro	Calibre (nom.)	Espesor (pulgadas)	Inventario	Longitud (metros)	Kilogramos x metro
1/4"	0.540"	14	0.0747	*	6.4	0.55	--			--	--
3/8"	0.675"	13	0.0897	*	6.4	0.83	--			--	--
1/2"	0.840"	12	0.1046		6.4	1.22	--			--	--
3/4"	1.050"	12	0.1046		6.4	1.57	--			--	--
1"	1.315"	10	0.1345		6.4	2.52	--			--	--
1 1/4"	1.660"	10	0.1345		6.4	3.26	--			--	--
1 1/2"	1.900"	10	0.1345	*	6.4	4.16	--			--	--
2"	2 3/8"	9	0.1495		6	5.29	0.216"	0.2160	*	6.4	7.41
2 1/2"	2 7/8"	0.203"	0.2030	*	6.00 / 6.40	8.62	1/4"	0.2500	*	6.4	10.43
3"	3 1/2"	4	0.2242		6.00 / 6.40	11.67	5/16"	0.3125	*	6.4	15.83
4"	4 1/2"	4	0.2242		6.00 / 6.40	15.24	5/16"	0.3125	*	6.4	20.80
6"	6 5/8"	0.280"	0.2800		6.00 / 6.40	28.24	--			--	--

| - Inventario.

GN - Galvanizado Natural.

* - Fabricación Especial bajo pedido.

■ - Línea AMSA

TUBERÍA CUADRADA

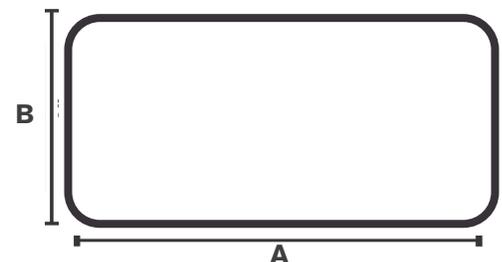
Descripción	Diá. Pulg. (A)	Calibre (nominal)	Espesor (pulgada)	Longitud (metros)	Kilogramo x metro	Descripción	Diá. Pulg. (A)	Calibre (nominal)	Espesor (Pulgada)	Longitud (metros)	Kilogramo x metro
C-050	0.500"	22	0.030	6	0.28	C-200	2.000"	12	0.105	6.0	4.01
		20	0.036	6	0.34			11	0.120	6.0	4.36
		18	0.048	6	0.44			10	0.135	6.0	4.84
		16	0.060	6	0.53			9	0.150	6.0	5.31
C-062	0.625"	20	0.036	6	0.43	C-225	2.250"	3/16	0.188	6.1	6.42
		18	0.048	6	0.56			1/4	0.25	6.1	8.04
		16	0.060	6	0.68			16	0.060	6.0	2.65
C-075	0.750"	22	0.030	6	0.44	C-250	2.500"	14	0.075	6.0	3.29
		20	0.036	6	0.52			16	0.060	6.0	2.95
		18	0.048	6	0.68			14	0.075	6.0	3.67
		16	0.059	6	0.84			13	0.090	6.0	4.38
C-087	0.875"	20	0.036	6	0.61	C-300	3.000"	12	0.105	6.0	5.07
		14	0.075	6	1.21			11	0.120	6.0	5.57
C-100	1.000"	20	0.036	6	0.7			10	0.135	6.0	6.2
		18	0.048	6	0.92			9	0.150	6.0	6.82
		16	0.060	6	1.14			3/16	0.188	6.1	8.32
		14	0.075	6	1.4			1/4	0.25	6.1	10.57
		13	0.090	6	1.65			16	0.0598	6.0	19.80
		12	0.105	6	1.9			14	0.075	6.0	4.42
		11	0.120	6	1.94			13	0.090	6.0	5.28
		10	0.135	6	2.12			12	0.105	6.0	6.13
C-125	1.250"	20	0.036	6	0.88	C-350	3.500"	11	0.120	6.0	6.78
		18	0.048	6	1.16			10	0.135	6.0	7.56
		16	0.060	6	1.44			9	0.150	6.0	8.33
		14	0.075	6	1.78			3/16	0.188	6.1	10.21
		12	0.105	6	2.42			1/4	0.25	6.1	13.10
		11	0.120	6	2.55			14	0.075	6.0	5.18
C-150	1.500"	20	0.036	6	1.06	C-400	4.000"	11	0.120	6.0	7.99
		18	0.048	6	1.40			9	0.150	6.0	9.85
		16	0.060	6	1.74			3/16	0.188	6.1	12.11
		14	0.075	6	2.15			1/4	0.25	6.1	16.63
C-175	1.750"	12	0.105	6	2.95	C-450	4.500"	14	0.075	6.0	5.93
		11	0.120	6	3.15			11	0.120	6.0	9.21
		10	0.135	6	3.48			10	0.135	6.0	10.29
		9	0.150	6	3.79			9	0.150	6.0	11.36
		16	0.060	6	2.05			3/16	0.188	6.1	14.01
C-200	2.000"	14	0.075	6	2.53	C-500	5.000"	1/4	0.25	6.1	18.16
		11	0.120	6	3.76			11	0.120	6.0	10.42
		20	0.036	6	1.43			3/16	0.188	6.1	17.8
C-250	2.500"	18	0.048	6	1.89	C-600	6.000"	1/4	0.25	6.1	23.22
		16	0.060	6	2.35			3/16	0.1875	12.2	21.60
		14	0.075	6	2.91			1/4	0.25	12.2	28.27



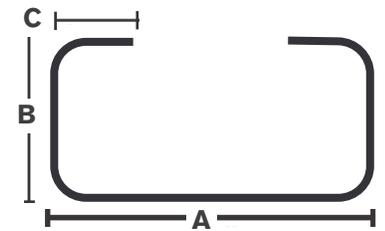
■ - Línea AMSA

Descripción	Dim. Pulg. (A X B)	Calibre (nominal)	Esesor (pulgada)	Longitud (metros)	Kilogramo x metro	Descripción	Dim. Pulg. (A X B)	Calibre (nominal)	Esesor (pulgada)	Longitud (metros)	Kilogramo x metro
R-100	1.00X0.50"	20	0.0359	6	0.52	R-300	3.00X1.50"	22	0.0299	6	1.34
		18	0.0478	6	0.68			20	0.0359	6	1.61
		16	0.0598	6	0.84			18	0.0478	6	2.13
		14	0.0747	6	1.02			16	0.0598	6	2.65
R-125	1.25X0.50"	20	0.0359	6	0.70	R-302	3.00x2.00"	14	0.0747	6	2.95
		18	0.0478	6	0.92			14	0.0747	6	3.67
		16	0.0598	6	1.14			12	0.1046	6	5.07
		14	0.0747	6	1.40			11	0.1196	6	5.57
R-155	1.50x0.50"	20	0.0359	6	0.70	R-400	4.00X1.50"	10	0.1345	6	6.20
		18	0.0478	6	0.92			9	0.1495	6	6.82
		14	0.0747	6	1.4			3/16	0.1880	6	8.32
R-150	1.50x0.75"	16	0.0598	6	1.29	R-402	4.00x2.00"	1/4	0.2500	6	10.57
		14	0.0747	6	1.59			20	0.0359	6	1.97
		11	0.1196	6	2.25			18	0.0478	6	2.61
R-151	1.50x1.00"	20	0.0359	6	0.88	R-403	4.00x3.00"	16	0.0598	6	3.26
		18	0.0478	6	1.16			14	0.0747	6	4.04
		16	0.0598	6	1.44			14	0.0747	6	4.42
		14	0.0747	6	1.78			11	0.1196	6	6.78
R-175	1.75X0.75"	11	0.1196	6	2.55	R-502	5.00x2.00	10	0.1345	6	7.56
		20	0.0359	6	0.88			9	0.1495	6	8.33
		18	0.0478	6	1.16			3/16	0.1880	6	10.21
R-200	2.00X1.00"	14	0.0747	6	1.78	R-503	5.00x3.00"	1/4	0.2500	6	13.10
		16	0.0598	6	1.44			14	0.0747	6	5.18
		18	0.0478	6	1.16			11	0.1196	6	7.99
		20	0.0359	6	1.06			9	0.1495	6	9.85
		18	0.0478	6	1.40			3/16	0.1880	6	12.11
R-225	2.25X0.75"	14	0.0747	6	1.78	R-602	6.00x2.00"	1/4	0.2500	6	15.63
		16	0.0598	6	1.74			11	0.1196	6	7.99
		12	0.1046	6	2.95			3/16	0.1880	6	12.11
		11	0.1196	6	3.15			1/4	0.2500	6	15.63
R-249	2.50X1.25"	11	0.1196	6	2.55	R-603	6.00x3.00"	11	0.1196	6	7.99
		20	0.0359	6	1.06			3/16	0.1880	6	12.11
		18	0.0478	6	1.40			1/4	0.2500	6	15.63
		16	0.0598	6	1.74			11	0.1196	6	9.21
R-250	2.50X1.50"	14	0.0747	6	1.78	R-604	6.00x4.00"	10	0.1345	6	10.29
		18	0.0478	6	1.89			3/16	0.1880	6	14.01
		14	0.0747	6	2.91			1/4	0.2500	6	18.16
		12	0.1046	6	4.01			14	0.0747	6	5.93
R-275	2.75x1.00"	11	0.1196	6	4.06	R-804	8.00x4.00"	11	0.1196	6	11.63
		12	0.1046	6	3.75			9	0.1495	6	14.38
		18	0.0478	6	1.89			3/16	0.1880	6	17.80
R-375	3.00x0.75"	16	0.0598	6	2.35	R-604	6.00x4.00"	1/4	0.2500	6	23.22
		14	0.0747	6	2.72			3/16	0.1880	6	21.60
R-301	3.00X1.00"	11	0.1196	6	4.36	R-604	6.00x4.00"	1/4	0.2500	6	23.22
		16	0.0598	6	2.35			3/16	0.1880	6	21.60
		14	0.0747	6	2.91			1/4	0.2500	6	23.22
		10	0.1345	6	4.84			1/4	0.2500	6	28.27

■ - Línea AMSA



A x B x C Dimensiones (Pulgadas)	Calibre	Espesor	Longitud Estándar	Kilogramos x metro
3 x 1.50 x 0.75	14	0.0747	6.00	2.61
3 x 1.50 x 0.75	16	0.0598	6.00	2.08
3 x 1.50 x 0.75	18	0.0478	6.00	1.66
4 x 1.50 x 0.75	10	0.1345	6.00	5.20
4 x 1.50 x 0.75	12	0.1046	6.00	4.20
4 x 1.50 x 0.75	14	0.0747	6.00	2.96
4 x 1.50 x 0.75	16	0.0598	6.00	2.40
4 x 1.50 x 0.75	18	0.0478	6.00	1.91
4 x 2.00 x 0.75	10	0.1345	6.00	5.90
4 x 2.00 x 0.75	12	0.1046	6.00	4.80
4 x 2.00 x 0.75	14	0.0747	4.00	3.40
4 x 2.00 x 0.75	14	0.0747	5.00	3.40
4 x 2.00 x 0.75	14	0.0747	6.00	3.40
4 x 2.00 x 0.75	16	0.0598	6.00	2.71
4 x 2.00 x 0.75	18	0.0478	6.00	2.16
5 x 2.00 x 0.75	10	0.1345	6.00	6.60
5 x 2.00 x 0.75	12	0.1046	6.00	5.30
5 x 2.00 x 0.75	14	0.0747	5.00	3.80
5 x 2.00 x 0.75	14	0.0747	6.00	3.80
5 x 2.00 x 0.75	16	0.0598	6.00	3.00
5 x 2.00 x 0.75	18	0.0478	6.00	2.41
6 x 2.00 x 0.75	10	0.1345	6.00	7.30
6 x 2.00 x 0.75	12	0.1046	6.00	5.86
6 x 2.00 x 0.75	14	0.0747	6.00	4.19
6 x 2.00 x 0.75	16	0.0598	6.00	3.30
7 x 2.75 x 0.75	10	0.1345	7.00	9.20
7 x 2.75 x 0.75	14	0.0747	7.00	5.30
7 x 2.75 x 0.75	16	0.0598	7.00	4.20
8 x 2.75 x 0.75	10	0.1345	8.00	9.90
8 x 2.75 x 0.75	12	0.1046	8.00	7.96
8 x 2.75 x 0.75	14	0.0747	6.00	5.70
8 x 2.75 x 0.75	14	0.0747	8.00	5.70
8 x 2.75 x 0.75	16	0.0598	8.00	4.50
9 x 2.75 x 0.75	10	0.1345	9.00	10.60
9 x 2.75 x 0.75	16	0.0598	9.00	4.90
10 x 2.75 x 0.75	12	0.1046	10.00	9.06
10 x 2.75 x 0.75	14	0.0747	10.00	6.49
10 x 2.75 x 0.75	16	0.0598	10.00	5.20
12 x 3.50 x 0.98	10	0.1345	12.00	13.60
12 x 3.50 x 0.98	12	0.1046	12.00	10.99
12 x 3.50 x 0.98	14	0.0747	12.00	7.87
14 x 2.75 x 0.75	10	0.1345	14.00	15.00
14 x 2.75 x 0.75	12	0.1046	14.00	12.10
14 x 2.75 x 0.75	14	0.0747	14.00	8.70

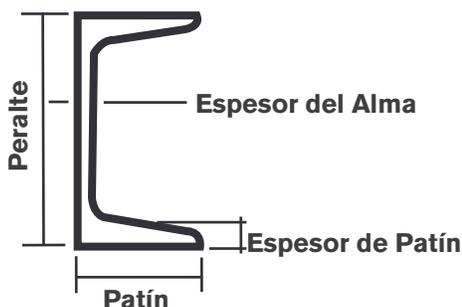


■ - Línea AMSA

SOLERA PERFORADA					
Espesor (A)	Ancho Pulg. (B)	Longitud (metros)	Ancho mm.	Perforación	Medida perforación (pulgada)
3/16	x 1 1/4	3	4.8	Cuadrada	1/2
	x 1 1/4	3		Cuadrada	5/8
	x 1 1/4	3		Redonda	1/2
3/16	x 1 1/2	3	4.8	Cuadrada	1/2
	x 1 1/2	3		Cuadrada	1/2



Peralte		Peso		Ancho del patín		Espesor del patín		Espesor del alma	
Ancho Pulgada	Mm.	Kg/m	Lbs/Ft	Ancho Pulgada	Mm.	Pulgada	Mm.	Pulgada	Mm.
3 (LIV)	76.2	5.21	3.50	1.372	35	0.273	6.9	0.132	3.40
3		6.10	4.10	1.410	36	0.273	6.9	0.17	4.30
4 (LIV)	101.6	6.70	4.50	1.584	40	0.296	7.5	0.125	3.20
4		8.04	5.40	1.584	40	0.296	7.5	0.184	4.70
5(LIV)	127.5	9.97	6.70	1.750	44	0.320	8.1	0.19	4.80
5	127.5	13.39	6.70	1.885	47	0.320	8.1	0.325	8.26
6	152.4	12.20	8.20	1.920	48	0.343	8.7	0.20	5.10
6		15.63	10.50	2.034	51	0.343	8.7	0.314	8.00
6		19.35	13.00	2.157	55	0.343	8.7	0.437	11.10
8	203.2	17.11	11.50	2.260	57	0.390	9.9	0.22	5.60
8		20.46	13.75	2.343	59	0.390	9.9	0.303	7.70
8		27.90	18.75	2.527	64	0.390	9.9	0.487	12.40
10	254	22.76	15.30	2.600	65	0.436	11.1	0.24	6.10
10		29.76	20.00	2.739	69	0.436	11.1	0.379	9.60
10		37.20	25.00	2.886	73	0.436	11.1	0.526	13.40
10		44.64	30.00	3.033	76	0.436	11.1	0.673	17.10
12	304.8	30.80	20.70	2.942	74	0.501	12.7	0.282	7.20
12		37.20	25.00	3.047	77	0.501	12.7	0.387	9.80
12		44.64	30.00	3.170	80	0.501	12.7	0.51	13.00



- Se manejan a 6.10 mts y en caso de requerir de 12.20 mts es sobre pedido.

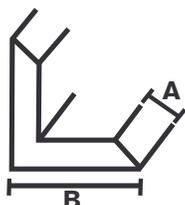
ÁNGULOS LADOS IGUALES				
Pulgada		Milímetro		Peso
Espesor (A)	Ancho (B)	Espesor (A)	Ancho (B)	Kg/m
0.109	x 1	2.8	x 25.4	1.05
	x 1 1/4		x 31.7	1.33
	x 1 1/2		x 38.1	1.61
1/8	x 3/4	3.2	x 19.0	0.88
	x 1		x 25.4	1.19
	x 1 1/4		x 31.7	1.50
	x 1 1/2		x 38.1	1.83
3/16	x 2	4.8	x 50.8	2.46
	x 1		x 25.4	1.73
	x 1 1/4		x 31.7	2.20
	x 1 1/2		x 38.1	2.68
	x 1 3/4		x 44.4	3.15
	x 2		x 50.8	3.63
	x 2 1/2		x 63.5	4.57
1/4	x 3	6.3	x 76.2	5.52
	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		x 50.8	4.75
	x 2 1/2		x 63.5	6.10
	x 3		x 76.2	7.29
	x 4		x 101.6	9.82
5/16	x 3	7.9	x 76.2	9.08
	x 4		x 101.6	12.20
3/8	x 2	9.5	x 50.8	6.99
	x 2 1/2		x 63.5	8.78
	x 3		x 76.2	10.71
	x 4		x 101.6	14.50
	x 5		x 127	18.30
	x 6		x 152.4	22.17
1/2	x 3	12.7	x 76.2	13.99
	x 4		x 101.6	19.05
	x 6		x 152.4	29.16

SEMIFLECHA		
Pulgada (A)	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

REDONDO		
Pulgada (A)	mm.	Kg/m
3/8	9.5	0.56
1/2	12.7	0.99
5/8	15.9	1.55
3/4	19.0	2.24
7/8	22.2	3.04
1	25.4	3.98
1 1/8	28.6	5.03
1 1/4	31.7	6.21
1 1/2	38.1	8.95
1 3/4	44.4	12.18
2	50.8	15.91
2 1/2	63.5	24.85

CUADRADO		
Pulgada (A)	mm.	Kg/m
3/8	9.5	0.71
1/2	12.7	1.27
5/8	15.9	1.98
3/4	19.0	2.85
1	25.4	5.06
1 1/2	38.1	11.39
2	50.8	20.25

CAMELO (CUADRADO TORCIDO)		
Pulgada (A)	mm.	Kg/m
3/8	9.5	0.71
1/2	12.7	1.27



- Ángulos de lados desiguales sobre pedido.

Espesor (A)	Ancho Pulg. (B)	Espesor mm.	Ancho mm.	Kg/m	Espesor (A)	Ancho Pulg. (B)	Espesor mm.	Ancho mm.	Kg/m
Longitud a 6.10 m (20 pies)					Longitud a 6.10 m (20 pies)				
1/8	x 1 1/2	3.2	x 12.7	0.32	3/8	x 4	9.5	x 101.6	7.59
	x 3/4		x 19.0	0.47		x 5		x 127.0	9.49
	x 1		x 25.4	0.63		x 6		x 152.4	11.40
	x 1 1/4		x 31.7	0.79		x 8		x 203.2	15.18
	x 1 1/2		x 38.1	0.95		x 10		x 254.0	18.99
	x 2		x 50.8	1.27		x 12		x 304.8	22.80
	x 2 1/2		x 63.5	1.58	1/2	x 1	12.7	x 25.4	2.53
	x 3		x 76.2	1.9		x 1 1/2		x 38.1	3.79
	x 4		x 101.6	2.54		x 2		x 50.8	5.06
3/16	x 1/2	4.8	x 12.7	0.47		x 2 1/2		x 63.5	6.32
	x 3/4		x 19.0	0.71		x 3		x 76.2	7.59
	x 1		x 25.4	0.95		x 4		x 101.6	10.13
	x 1 1/4		x 31.7	1.19	x 5	x 127.0	12.66		
	x 1 1/2		x 38.1	1.42	x 6	x 152.4	15.18		
	x 2		x 50.8	1.90	x 8	x 203.2	20.24		
	x 2 1/2		x 63.5	2.38	x 10	x 254.0	25.33		
	x 3		x 76.2	2.84	x 12	x 304.8	30.36		
	x 4		x 111.6	3.80	5/8	x 3	15.9	x 76.2	9.49
x 6	x 152.4	5.68	x 4	x 101.6		12.66			
x 8	x 203.2	7.60	x 5	x 127.0		15.83			
1/4	x 1	6.3	x 25.4	1.27		x 6		x 152.4	18.99
	x 1 1/4		x 31.7	1.58		x 8		x 203.2	25.33
	x 1 1/2		x 38.1	1.90		x 10		x 254.0	31.66
	x 2		x 50.8	2.53	x 12	x 304.8	37.97		
	x 2 1/2		x 63.5	3.17	3/4	x 1 1/2	19.0	x 38.1	5.70
	x 3		x 76.2	3.79		x 2		x 50.8	7.59
	x 4		x 101.6	5.06		x 2 1/2		x 63.5	9.49
	x 5		x 127.0	5.32		x 3		x 76.2	11.40
	x 6		x 152.4	7.59		x 4		x 101.6	15.18
	x 8		x 203.2	10.13		x 5		x 127.0	18.99
	x 10		x 254.0	12.66	x 6	x 152.4	22.8		
	x 12		x 304.8	15.18	x 8	x 203.2	30.36		
3/8	x 1	9.5	x 25.4	1.90	x 10	x 254.0	37.97		
	x 1 1/4		x 31.7	2.38	x 12	x 304.8	45.59		
	x 1 1/2		x 38.1	2.84	1	x 2	25.4	x 50.8	10.13
	x 2		x 50.8	3.79		x 3		x 76.2	15.18
	x 2 1/2		x 63.5	4.75		x 4		x 101.6	20.27
	x 3		x 76.2	5.70		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				



CASTILLOS

Diseño	Varillas Longitudinales Corrugadas		Estribos Lisos Cada 15.8 cm.		Sección de Concreto
	Diámetro Mm.	Grado	Diámetro Mm.	Grado	cm.
15-15-4	6.00	60	4.1	50	15X15
15-20-4	6.00	60	4.1	50	15X20

ALAMBRÓN

Diámetro		Peso
Pulgadas	Mm.	Kg/M
1/4	6.3	0.248

ALAMBRE RECOCIDO

Calibre	Mm.	Kg/Rollo
16	1.57	50

VARILLA CORRUGADA

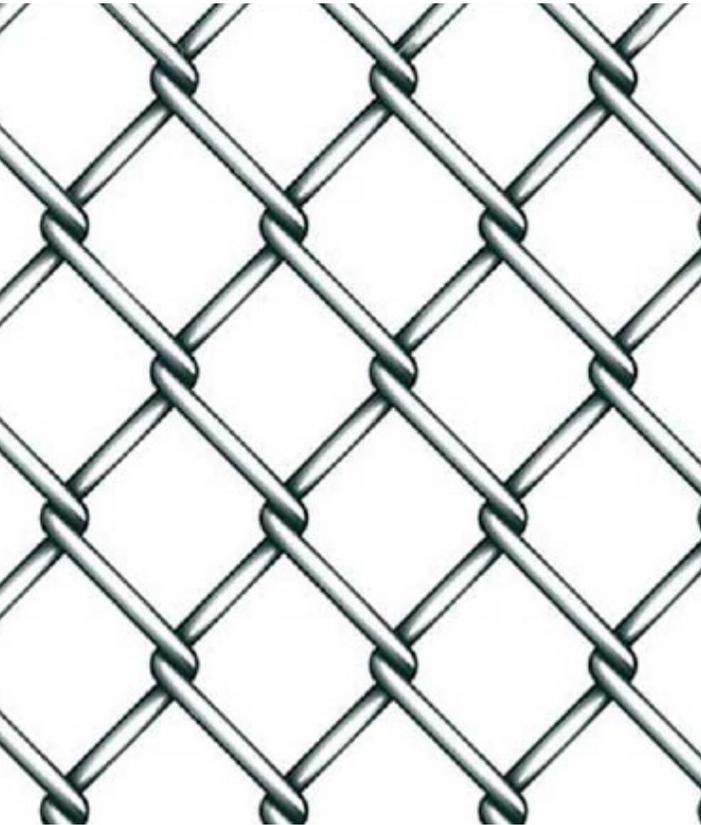
Número	Diámetro		Peso	
	Pulgadas	Mm.	Kg/M	Kg/Pieza
3**	3/8	9.5	0.557	6.8
4**	1/2	12.7	0.996	12.0
5	5/8	15.9	1.56	19.0
6	3/4	19.1	2.250	27.0
7	7/8	22.2	3.034	37.0
8	1	25.4	3.975	48.0
9	1 1/8	28.6	5.033	60.5
10	1 1/4	31.8	6.225	75.0
11	1 3/8	34.9	7.503	90.5
12	1 1/2	38.1	8.938	107.5

** Presentación en 6 y 12 mts.

- La varilla se maneja en dos presentaciones recta o doblada (sujeto a disponibilidad)

MALLA ELECTROSOLDADA

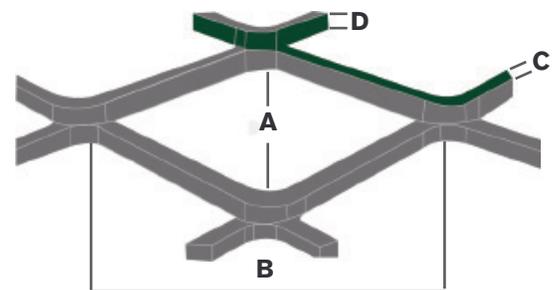
Medida	Calibre	Área de Acero En cm ² /m	Peso
66-44	4	1.687	2.688
66-66	6	1.225	1.950
66-88	8	0.872	1.391
66-1010	10	0.605	0.966



MALLA CICLÓNICA			
CALIBRE	ALTURA (M)	ABERTURA	CANTIDAD ROLLO (M)
10,5	2.00	55	20
11,0	1.50	55	20
11,0	1.75	55	20
11,0	2.00	55	20
11,0	2.50	55	20
12,5	1.50	55	20
12,5	1.75	55	20
12,5	2.00	55	20
13,0	1.25	55	20

MOSQUIED			
DESCRIPCIÓN	CALIBRE	ALTO (PIES)	ANCHO (PIES)
Mosquied Negra	26	3	7
Mosquied Galvanizada	26	3	7

METAL DESPLEGADO



- a. Dimensión del rollo LLR Ancho: 0.91 mts.
 b. Dimensión del rollo LCR Ancho: 11 mts.

DESCRIPCIÓN	ABERTURA DE LA MALLA				ESPESOR (C)		SECCIÓN (D)		PESO	
	LCR (A)		LLR (B)		PULG.	MM.	PULG.	MM.	LB/PIE ²	KG/M ²
	PULG.	MM.	PULG.	MM.						
Metal Desplegado D20-18	0.44	11.1	0.87	22.2	0.047	1.21	0.059	1.5	0.55	2.7
Metal Desplegado G33-18	0.75	19	1.62	41.2	0.047	1.21	0.098	2.5	0.49	2.4
Metal Desplegado G35-14	0.75	19	1.62	41.2	0.075	1.9	0.098	2.5	0.78	3.8
Metal Desplegado H40-12	0.98	25	2.0	50.8	0.104	2.66	0.118	3.0	1.05	5.15
Metal Desplegado J48-10	1.33	33.8	3.0	76.2	0.134	3.42	0.157	4.0	1.28	6.25

LÁMINA ACANALADA RECTANGULAR R-72

CALIBRE	PODER CUBRIENTE (CM)	PERALTE (CM)
22*	72.00	2.5
24		
26		
28		
30		
32		

R-72



- STOCK en sucursales 10, 12, 14, 16, 18, 20, 22, y 24 pies.
- Contamos con lámina pintor bajo pedido.

LÁMINA ACANALADA RECTANGULAR R-101

CALIBRE	PODER CUBRIENTE (CM)	PERALTE (CM)
20*	100.8	2.5
22		
24		
26		
28		
30		

R-101



- Lámina R-101 se maneja sobre pedido en planta.
- Contamos con lámina pintor bajo pedido.

LÁMINA ACANALADA RECTANGULAR RN-100/35

CALIBRE	PODER CUBRIENTE (CM)	PERALTE (CM)
22*	100.00	3.5
24		
26		

RN - 100/35



GALVATEJA

CALIBRE	PODER CUBRIENTE (CM)	PERALTE (CM)
26	71.5	4.2

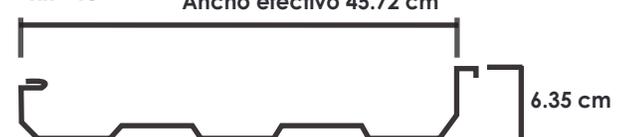
GALVATEJA



LÁMINA KR-18

CALIBRE	PODER CUBRIENTE (CM)	PERALTE (CM)
22*	45.72	6.35
24		
26		

KR - 18



LOSACERO / LÁMINA DECK 25

CALIBRE	PODER CUBRIENTE (CM)	PERALTE (CM)
18*	91.5	6.24
20		
22		
24		

LOSACERO / DECK 25



* Calibre sobre pedido.

LÁMINA NEGRA ROLADA EN CALIENTE

CALIBRE	ESPELOR		PESO / HOJA (KG)					PESO
	MILÍMETRO (MM.)	PULGADA	3' X 8'	3' X 10'	4' X 8'	4' X 10'	5' X 10'	KG/M ²
10	3.429	0.135	61	76	81*	101*	126	27.20
11	3.048	0.120	54	67	72*	90*	112	24.18
12	2.667	0.105	47	59	63*	79*	98	21.16
13	2.286	0.090	40	51	54	67	--	18.14
14	1.905	0.075	34	42	45*	56*	70	15.11

LÁMINA NEGRA ROLADA EN FRÍO

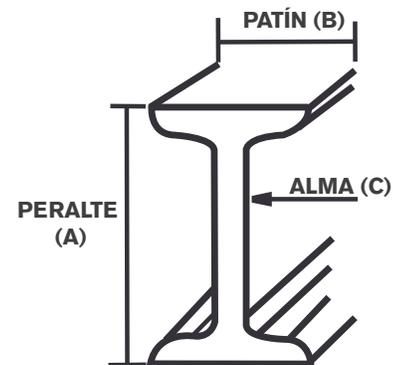
CALIBRE	ESPELOR		PESO / HOJA (KG)				PESO
	MILÍMETRO (MM.)	PULGADA	3' X 8'	3' X 10'	4' X 8'	4' X 10'	KG/M ²
11	3.048	0.120	--	--	72	90	24.18
12	2.667	0.105	--	--	63	79	21.16
14	1.905	0.075	34	42	45	56	15.11
16	1.524	0.060	27	34	36	45	12.09
18	1.219	0.048	22	27	29	36	9.67
20	0.914	0.036	16	20	22	27	7.25
22	0.762	0.030	13	17	18	22	6.05
24	0.610	0.024	11	13	14	18	4.84
26	0.493	0.019	9	11	--	--	3.57

LÁMINA GALVANIZADA LISA

CALIBRE	ESPELOR		PESO / HOJA (KG)			
	MILÍMETRO (MM.)	PULGADA	3' X 8'	3' X 10'	4' X 8'	4' X 10'
16	1.557	0.0613	27	34	36	45
18	1.252	0.0493	22	27	29	36
20	0.950	0.0374	17	21	22	28
22	0.798	0.0314	14	17	19	23
24	0.569	0.0224	10	12	13	17
26	0.493	0.0914	9	11	11	14

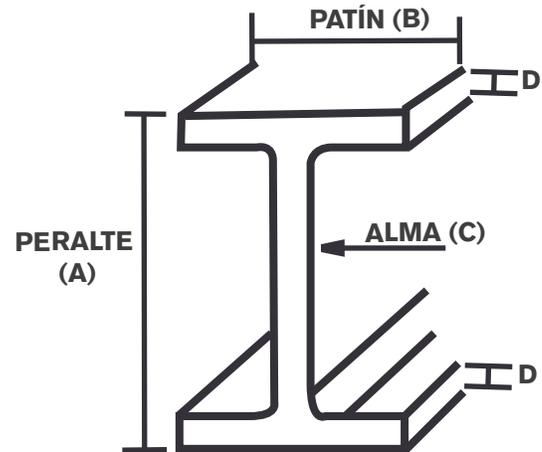
PLACA DE HOJA RC						
ESPESOR			PESO		PESO POR PLACA EN KILOS	
PULGADA		MM.	KG/M ²	KG/PIE ²	3' X 10'	4' X 10'
3/16	0.187	4.8	37.78	3.47	105	140
1/4	0.250	6.3	50.38	4.63	140	187
3/8	0.375	9.5	75.56	6.95	211	281
1/2	0.500	12.7	100.75	9.26	281	374

LÁMINA ANTIDERRAPANTE				
CALIBRE	ESPESOR		PESO / HOJA (KG)	
	MILÍMETRO (MM.)	PULGADA	3' X 10'	4' X 10'
14	1.905	0.075	51	68
12	2.667	0.105	71	95
1/8	3.175	0.125	84	112



IPS

PERALTE (A)		PESO		ANCHO DEL PATÍN (B)		ESPESOR DEL ALMA (C)	
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	152.0	18.6	12.5	3.33	85	0.23	6
7.87	200.0	26.2	16.7	3.54	90	0.27	7
8	203.2	27.38	18.4	4.00	102	0.27	7

IPR


Dimensiones		Peso		Peralte (A)		Ancho de patín (B)		Espesor del patín (D)		Espesor del alma (C)	
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	0.25	7.1
5" X 5"	127 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	6.5	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
		86.6	58	8.74	222	8.23	209	0.81	20.6	0.51	13.0
		99	67	9.02	229	8.27	210	0.93	23.7	0.57	14.5
10" X 4"	254 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
		25.8	17	10.11	257	4.01	102	0.33	8.4	0.24	6.1
		28.3	19	10.24	260	4.02	102	0.4	10.2	0.25	6.3

Dimensiones		Peso		Peralte (A)		Ancho de patín (B)		Espesor del patín (D)		Espesor del alma (C)	
Pulgada	mm.	Kg/m	Lb/ft	Pulgada	mm.	Pulgada	mm.	Pulgada	mm.	Pulgada	mm.
10" X 5 3/4"	254 x 146	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	0.3	7.6
10" X 8"	254 x 203.2	49.1	33	9.73	247	7.96	202	0.44	11.2	0.29	7.4
		58	39	9.92	252	7.99	203	0.53	13.5	0.32	8.1
		67	45	10.10	257	8.02	204	0.62	15.7	0.35	8.9
10" X 10"	254 x 254	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	10.4	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	100	11.10	282	10.35	263	1.12	28.4	0.68	17.3
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	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
12" X 10"	304.8 x 254.0	78.9	53	12.06	306	10.00	254	0.58	14.7	0.35	8.9
		86.3	58	12.19	310	10.01	254	0.64	16.3	0.36	9.1
12" X 12"	304.8 x 304.8	96.7	65	12.12	308	12.00	305	0.61	15.5	0.39	9.9
		107.1	72	12.25	311	12.04	306	0.67	17.0	0.43	10.9
		117.6	79	12.38	314	12.08	307	0.74	18.8	0.47	11.9
		129.6	87	12.53	318	12.13	308	0.81	20.6	0.52	13.1
		142.9	96	12.71	323	12.16	309	0.90	22.9	0.55	14
		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	170	14.03	356	12.57	319	1.56	39.6	0.96	24.4
14" X 5"	355.6 x 127.0	32.7	22	13.74	349	5.00	127	0.34	8.6	0.23	5.8
		38.7	26	13.91	353	5.03	128	0.42	10.7	0.26	6.6

Dimensiones		Peso		Peralte (A)		Ancho de patín (B)		Espesor del patín (D)		Espesor del alma (C)	
Pulgada	mm.	Kg/m	Lb/ft	Pulgada	mm.	Pulgada	mm.	Pulgada	mm.	Pulgada	mm.
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	14.1	358	6.77	172	0.52	13.2	0.31	7.9
14" X 8"	355.6 x 203.2	64	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 368.3	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	82	14.31	363	10.13	257	0.86	21.8	0.51	13.00
14" x 14 1/2"	355.6 x 368.3	133.9	90	14.02	356	14.52	369	0.71	18	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	15.5	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
		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	211	15.72	399	15.8	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	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	26	15.69	399	5.5	140	0.35	8.9	0.25	6.3
		46.1	31	15.88	403	5.53	140	0.44	11.2	0.28	7.1
16" X 7"	406.4 x 177.8	53.6	36	15.89	403	6.99	178	0.43	10.9	0.3	7.6
		59.5	40	16.01	407	7	178	0.51	13	0.31	7.9
		67	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	0.38	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	0.4	10.2
		114.6	77	16.52	420	10.3	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	100	16.97	431	10.43	265	0.99	25	0.59	14.9
18" X 6"	457.2 x 152.4	52.1	35	17.7	450	6	152	0.43	10.9	0.3	7.6
		59.5	40	17.9	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

Dimensiones		Peso		Peralte		Ancho de patín		Espesor del patín (D)		Espesor del alma (C)	
Pulgada	mm.	Kg/m	Lb/ft	Pulgada	mm.	Pulgada	mm.	Pulgada	mm.	Pulgada	mm.
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
		177.11	119	18.97	482	11.27	286	1.06	26.9	0.66	16.8
		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	6.5	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
		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
		181.5	122	21.68	551	12.39	315	0.96	24.4	0.6	15.2
		196.7	132	21.83	554	12.44	316	1.04	26.3	0.65	16.5
		218.7	147	22.06	560	12.51	318	1.15	29.2	0.72	18.3
24" X 7"	609.6 x 177.8	81.8	55	23.57	599	7.01	178	0.51	13.0	0.40	10.2
		92.3	62	23.74	603	7.04	179	0.59	15.0	0.43	10.9
24" X 9"	609.6 x 228.6	101.2	68	23.73	603	8.97	228	0.59	15.0	0.42	10.7
		113.1	76	23.92	608	8.99	228	0.68	17.3	0.44	11.2
		125	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

Dimensiones		Peso		Peralte (A)		Ancho de patín (B)		Espesor del patín (D)		Espesor del alma (C)	
Pulgada	Mm.	Kg/m	Lb/ft	Pulgada	Mm.	Pulgada	Mm.	Pulgada	Mm.	Pulgada	Mm.
24" X 12 3/4"	609.6 x 323.8	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
27" X 10"	685.8 x 254	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	12.0
		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	10.10	254	1.10	27.9	0.61	15.5
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
		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
30" X 10 1/2"	762 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
		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
30" X 15"	762 x 381	257.5	173	30.43	773	15.00	381	1.07	27.1	0.66	16.7
		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
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
		226.2	152	33.49	850	11.56	293	1.05	16.7	0.63	16.0
33" X 15 3/4"	838.2 x 400.1	299.0	201	33.70	856	17.71	399	1.15	29.2	0.72	18.2
		329.0	221	33.90	861	15.79	401	1.28	32.5	0.77	19.7
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

TABLA DE CONVERSIONES

ESPESOR			FRACCIONES		
CALIBRE (nominal)	ESPESOR (pulgada)	ESPESOR (milímetros)	Fraciones de pulgadas	Milésimas de Pulgada	Milímetros
7/8	0.8750	22.23	1/64	0.0156	0.40
3/4	0.7500	19.05	1/32	0.0313	0.79
5/8	0.6250	15.88	1/16	0.0625	1.59
1/2	0.5000	12.70	1/8	0.1250	3.18
3/8	0.3750	9.53	5/32	0.1563	3.97
1/4	0.2500	6.35	3/16	0.1875	4.76
3	0.2391	6.07	1/4	0.2500	6.35
4	0.2242	5.69	5/16	0.3125	7.94
5	0.2092	5.31	3/8	0.3750	9.53
6	0.1943	4.94	7/16	0.4375	11.11
1/5	0.1875	4.76	1/2	0.5000	12.70
7	0.1793	4.55	9/16	0.5625	14.29
8	0.1644	4.18	5/8	0.6250	15.88
9	0.1495	3.80	11/16	0.6875	17.46
10	0.1345	3.42	3/4	0.7500	19.05
1/8	0.1250	3.18	13/16	0.8125	20.64
11	0.1196	3.04	7/8	0.8750	22.23
12	0.1046	2.66	15/16	0.9375	23.81
13	0.0897	2.28	1	1.0000	25.40
14	0.0747	1.90	1 1/8	1.1250	28.58
1/16	0.0625	1.59	1 1/4	1.2500	31.75
16	0.0598	1.52	1 3/8	1.3750	34.93
18	0.0478	1.21	1 1/2	1.5000	38.10
20	0.0359	0.91	1 5/8	1.6250	41.28
1/32	0.0312	0.79	1 3/4	1.7500	44.45
22	0.0299	0.76	2	2.0000	50.80
24	0.0239	0.61	2 1/4	2.2500	57.15
26	0.0179	0.45	2 1/2	2.5000	63.50
1/64	0.0156	0.40	2 3/4	2.7500	69.85
28	0.0149	0.38	3	3.0000	76.20
30	0.0120	0.30	3 1/2	3.5000	88.90
32	0.0090	0.23	4	4.0000	101.6

FACTORES DE CONVERSIÓN		
LONGITUD		
Convertir	Multiplicar por	Para obtener
Milímetro (mm.)	0.0033	pie (ft.)
Milímetro (mm.)	0.0394	pulgada (pulg.)
metro (m.)	3.2808	pie (ft.)
metro (m.)	39.3701	pulgada (pulg.)
pie (ft.)	30.48	centímetros (cm.)
pulgada (pulg.)	2.54	centímetros (cm.)
pulgada (pulg.)	25.4	milímetro (mm.)
pulgada (pulg.)	0.0254	metro (m.)
PESO		
libra (lb.)	0.4536	kilogramo (kg.)
kilogramo (kg.)	2.2046	libras (lb.)
kilogramo (kg.)	35.274	onzas (oz.)
onza (oz.)	0.02835	kilogramo (kg.)



HERRAMIENTA CORTE

- Discos de corte
- Discos de desbaste
- Discos laminados

*Discos Varios

HERRAMIENTAS

- Gis
- Pinzas
- Seguetas
- Tijeras
- Dados
- Porta gis
- Escuadra magnética
- Cinta de medir (Flexómetro)

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- Soldadura
 - * 6011 (1/8, 3/32, 5/32)
 - * 7018 (1/8)
 - * 6013 (1/8)
- Microalambre
- Porta electrodos
- Brocas para concreto
- Brocas alta velocidad
- Pija punta de broca ¼ (3/4, 1, 1 ¼, 1 ½, 2)
- Pija punta de broca Phillips
- Barren anclas

*Pijas Punta de broca Phillips



*Soldadura 6011



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- Aros tubulares
- Piñas Canasta
- Chapetones
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- Tapas para PTR
- Números para domicilio
- Puntas (flor, barroco, gótica)
- Etc.



*Cuello *Punta de lanza *Tapa Bola PTR



*Números para domicilio

*Rodaja Riel 1400



*Rueda para portón

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- Bisagras de libro
- Bisagras con resorte
- Bisagra tejuelo
- Rodaja Riel (1400 y 1500)
- Rodillos
- Rueda guía
- Cajas para rueda guía
- Resorte mosquitero
- Manija ventana
- Jaladera de puerta
- Etc.

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- Gafas
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- Suspensión para careta
- Cristales oscuros y claros
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*Guantes para soldar *Tapones *Lentes

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- Chapas
- Candados
- Mosquered
- Protectobardas / Bardapicos
- Pasadores mano (Diferentes variedades)
- Pasador de pie (Diferentes variedades)
- Etc.



*Chapa Fanal *Chapa Bola
*Protectobarda/Bardapicos.

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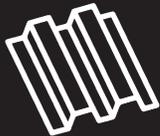
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