

MATERIALES COMERCIALES



SIA SA. de C.V

Servicios Integrales en Acero

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Of. 55 2127 2256
Nex. 55 1042 6257

Taller. 55 6649 6346

clavo

Dimensión		Peso aprox. Kgs. X	
Pulg.	mm.	Metro	Pz. 6.10m.
3/8	9.5	.712	4.34
1/2	12.7	1.266	7.72
5/8	15.9	1.978	12.07
3/4	19.1	2.849	17.38
1	25.4	5.065	30.90
1 1/4	31.8	7.913	48.27
1 1/2	38.1	11.395	69.51

cuadrado

Pulgadas	Milímetros	kg/caja
1"	25.4	25
1 1/2"	38.1	25
2"	50.8	25
2 1/2"	63.5	25
3"	76.2	25
3 1/2"	88.9	25
4"	101.6	25

Ángulo

Pulgadas		Milímetros		Peso apróx. kg/m		
1/8	X	3.2	X	3/4	19.1	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	X	4.8	X	1	25.4	1.73
				1 1/4	31.7	2.20
				1 1/2	38.1	2.68
				2	50.8	3.63
				2 1/2	63.5	4.60
1/4	X	6.3	X	3	76.2	5.52
				1	25.4	2.22
				1 1/4	31.7	2.86
				1 1/2	38.1	3.49
				2	50.8	4.75
5/16	X	7.9	X	2 1/2	63.5	6.10
				3	76.2	7.29
				3 1/2	88.9	8.83
				4	101.6	9.90
				2	50.8	5.84
5/16	X	7.9	X	2 1/2	63.5	7.44
				3	76.2	9.08
				4	101.6	12.20
				5	127.0	15.51

Pulgadas		Milímetros		Peso apróx. kg/m		
3/8	X	9.5	X	2	50.8	6.99
				2 1/2	63.5	8.79
				3	76.2	10.72
				4	101.6	14.6
				5	127.0	18.30
1/2	X	12.7	X	6	152.4	22.17
				2 1/2	63.5	12.03
				3	76.2	13.99
				4	101.6	19.05
				5	127.0	24.11
5/8	X	15.9	X	6	152.4	29.17
				6	152.4	36.10
				8	203.2	48.40
3/4	X	19.1	X	203.2	58.08	
7/8	X	22.2	X	203.2	66.97	
1	X	25.4	X	203.2	75.90	
1 1/8	X	28.6	X	203.2	84.68	



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SOLERA

Pulgadas		Milímetros		Peso aprox. kg/m
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1/8	X	1/2	3.2	X	12.7	0.32
		5/8			15.9	0.39
		3/4			19.1	0.48
		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	1.59
		3			76.2	1.90
3/16	X	1/2	4.8	X	12.7	0.47
		5/8			15.9	0.59
		3/4			19.1	0.71
		1			25.4	0.95
		1 1/4			31.7	1.18
		1 1/2			38.1	1.42
		2			50.8	1.90
		2 1/2			63.5	2.37
		3			76.2	2.85
1/4	X	1/2	6.3	X	12.7	0.63
		3/4			19.1	0.95
		1			25.4	1.27
		1 1/4			31.7	1.52
		1 1/2			38.1	1.90
		2			50.8	2.53
		2 1/2			63.5	3.16
		3			76.2	3.79
		4			101.6	5.06
		5			127.0	6.33
5/16	X	1 1/2	7.9	X	38.1	2.37
		2			50.8	3.16
		2 1/2			63.5	3.95
		3			76.2	4.75
		4			101.6	6.33
		5			127.0	7.91
3/8	X	1	9.5	X	25.4	1.98
		1 1/4			31.7	2.37
		1 1/2			38.1	2.85

Pulgadas		Milímetros		Peso aprox. kg/m
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3/8	X	2	9.5	X	50.8	3.80				
		2 1/2			63.5	4.75				
		3			76.2	5.69				
		4			101.6	7.59				
		5			127.0	9.49				
		6			152.4	11.39				
		8			203.2	15.40				
		1/2			X	1	12.7	X	25.4	2.53
						1 1/4			31.7	3.16
1 1/2	38.1		3.80							
2	50.8		5.06							
2 1/2	63.5		6.33							
3	76.2		7.59							
4	101.6		10.13							
5	127.0		12.65							
6	152.4		15.19							
5/8	X	8	15.9	X	203.2	20.58				
		1 1/2			38.1	4.74				
		2			50.8	6.33				
		2 1/2			63.5	7.91				
		3			76.2	9.49				
		4			101.6	12.65				
		5			127.0	16.82				
		6			152.4	18.99				
		8			203.2	25.33				
3/4	X	1 1/2	19.1	X	38.1	5.70				
		2			50.8	7.59				
		2 1/2			63.5	9.49				
		3			76.2	11.39				
		4			101.6	15.19				
		5			127.0	19.00				
		6			152.4	22.79				
		8			203.2	30.43				
		10			254.0	37.98				
		1			X	2	25.4	X	50.8	10.12
2 1/2	63.5		12.66							
3	76.2		15.19							
4	101.6		20.25							
5	127.0		25.32							
6	152.4		30.38							
8	203.2		40.51							
10	254.0		50.64							



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Servicios Integrales en Acero

Canal c.p.s

Altura o Peralte		Peso aprox.		Patín (mm)		Alma
Pulg	mm	lb/ft.	kg/mt.	Ancho	Espesor	(mm)
3	76.2	4.1	6.10	35.8	7	4
4	101.6	5.4	8.04	40.2	8	5
5	127.0	6.7	9.96	44.4	6	4
6	152.4	8.2	12.20	48.7	9	5
6	152.4	10.5	15.63	51.5	9	8
6	152.4	13.0	19.36	55.0	9	11
8	203.8	11.5	17.11	57.4	10	6
8	203.8	13.8	20.48	60.0	10	8
8	203.8	18.8	27.93	64.0	10	12
10	254.0	15.3	22.80	66.1	11	6
10	254.0	20.0	29.80	69.8	11	10
10	254.0	25.0	37.20	73.3	11	13
10	254.0	30.0	44.70	77.1	11	17
12	304.8	20.7	30.80	74.3	11	7
12	304.8	25.0	37.20	77.4	11	10
12	304.8	30.0	44.70	80.6	11	13
15	381.0	33.9	50.60	85.7	11	10
15	381.0	40.0	59.53	88.9	11	13
15	381.0	50.0	74.41	90.4	12	18

Alambre recocido cal. 16

Rollos de 45 a 70 kg x pza.

Alambrón

Malla electrosoldada

Diseño	Ancho (m)	Largo (m)	Peso aprox. (kg/m ²)
66 - 44	2.50	40	2.71
66 - 66	2.50	40	1.98
66 - 88	2.50	40	1.41
66 - 1010	2.50	40	.98

Pulgadas	F. Pulg.	mm.	kg/m
0.218	7/32"	5.55	0.189
0.250	1/4"	6.35	0.249
0.312	5/16"	7.94	0.388
0.375	3/8"	9.52	0.559
0.500	1/2"	12.70	0.994
0.625	5/8"	15.9	1.552
0.750	3/4"	19.1	2.235



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Servicios Integrales en Acero

Canal mon-ten

Medida	Calibre	kg/Pz
3" x 6	16	12.21
4" x 4	14	13.10
4" x 6	14	19.70
4" x 4	12	18.04
4" x 4	10	23.00
4" x 6	16	15.91
5" x 5	14	18.40
5" x 6	14	22.10
5" x 5	12	25.25
5" x 5	10	32.40
6" x 6	14	24.40
4" x 6	16	15.90

Medida	Calibre	kg/Pz
6" x 6	12	33.50
6" x 6	10	42.70
8" x 8	14	43.00
8" x 8	12	59.10
8" x 8	10	75.70
10" x 10	14	61.10
10" x 10	12	84.60
10" x 10	10	108.30
12" x 12	14	89.82
12" x 12	12	124.50
12" x 12	10	159.60

Redondo

Pulgadas	mm.	Peso aprox. kg/m	kgs Pz. 6.10m
3/8	9.5	.559	3.41
7/16	11.1	.760	4.64
1/2	12.7	.994	6.06
9/16	14.3	1.257	7.67
5/8	15.9	1.552	9.47
11/16	17.5	1.878	11.46
3/4	19.1	2.235	13.63
13/16	20.6	2.624	16.01
7/8	22.2	3.042	18.56
15/16	23.8	3.493	21.31
1	25.4	3.974	24.24
1 1/8	28.6	5.029	30.68
1 1/4	31.8	6.211	37.89
1 3/8	34.9	7.552	46.07
1 1/2	38.1	9.000	54.90
1 5/8	41.3	10.494	64.01
1 3/4	44.5	12.170	74.24
1 7/8	47.7	13.970	85.22
2	50.8	15.900	96.99

Redondo pulido (semiflecha)

Pulgadas	mm.	Peso aprox. kg/m	kgs Pz. 6.10m
3/16	4.8	.143	0.858
1/4	6.3	.249	1.494
5/16	7.9	.388	2.328
3/8	9.5	.559	3.354
1/2	12.7	.994	5.964

Servicios Integrales en Acero

Varilla corrugada r-42

Núm.	Pulg	mm	Peso aprox. kg/mtr.	Peso aprox. de 12m x ton
2.5	5/16	7.9	0.384	214
3	3/8	9.5	0.560	148
4	1/2	12.7	0.994	83
5	5/8	15.9	1.552	53
6	3/4	19.1	2.235	37
8	1	25.4	3.973	20
10	1 1/4	31.8	6.225	13
12	1 1/2	38.1	8.938	9



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