

## TEE Y ZETA DE FIERRO

Dimensiones		Peso		
pulgadas	mm	kg/m	largo	kg/pza
1/8 x 1"	3.2 x 25.4	1.32	6.10	8.05

## CUADRADOS

Dimensiones		Área de la Selección		Peso			
mm	pulgadas	mm	pulg2	kg/m	largo	kg/pza	lb/pie
9.5	3/8"	90.73	0.141	0.712	6.10	4.34	0.478
12.7	1/2"	161.29	0.250	1.266	6.10	7.72	0.851
15.9	5/8"	252.02	0.399	1.978	6.10	12.07	1.329
19.1	3/4"	362.90	0.563	2.849	6.10	17.38	1.915
22.2	7/8"	493.95	0.766	3.877	6.10	23.65	2.605
25.4	1"	645.16	1.000	5.065	6.10	30.90	3.404
28.6	1 1/8"	816.53	1.266	6.410	6.10	39.10	4.308
31.8	1 1/4"	1008.07	1.563	7.913	6.10	48.27	5.318
34.9	1 3/8"	1219.77	1.891	9.575	6.10	58.41	6.434
38.1	1 1/2"	1451.62	2.250	11.395	6.10	69.51	7.657
44.5	1 3/4"	1975.80	3.065	15.510	6.10	94.61	10.423
50.8	2"	2580.65	4.000	20.258	6.10	123.57	13.613

## REDONDOS

Diámetro		Área de la Selección		Área Neta	Peso			
mm	pulgadas	mm	pulg2	cm2	kg/m	largo	kg/pza	lb/pie
6.3	1/4"	31.7	0.049	0.17	0.25	6.10	1.52	0.167
7.9	5/16"	49.5	0.077	0.19	0.39	6.10	2.37	0.261
9.5	3/8"	71.3	0.110	0.44	0.56	6.10	3.41	0.376
12.7	1/2"	126.7	0.196	0.81	0.99	6.10	6.06	0.668
15.9	5/8"	197.9	0.307	1.30	1.55	6.10	9.47	1.043
19.1	3/4"	285.0	0.442	2.01	2.24	6.10	13.63	1.502
22.2	7/8"	387.9	0.601	2.71	3.05	6.10	18.57	2.046
25.4	1"	206.7	0.785	3.55	3.97	6.10	24.24	2.669
28.6	1 1/8"	641.3	0.994	4.46	5.02	6.10	30.63	3.375
31.8	1 1/4"	791.7	1.227	5.73	6.21	6.10	37.87	4.172
34.9	1 3/8"	658.0	1.485	6.80	7.51	6.10	45.84	5.049
38.1	1 1/2"	1140.1	1.767	8.35	9.00	6.10	54.90	6.048
41.3	1 5/8"	1338.0	2.074	9.77	10.49	6.10	63.99	7.049
44.5	1 3/4"	1551.8	2.405	11.25	12.17	6.10	74.24	8.178
44.7	1 7/8"	1781.3	2.761	13.21	13.37	6.10	81.56	9.388
50.8	2"	2026.8	3.142	14.83	15.89	6.10	96.93	10.678

**SOLERA COMERCIAL**

Dimensiones				Peso (kg/m)	
pulgadas		milímetros			
Espesor	Ancho	Espesor	Ancho	kg/mt	kg/pza
1/8"	1/2"	3.2	12.7	0.32	1.92
	3/4"		19.1	0.47	2.82
	1"		25.4	0.63	3.78
	1 1/4"		31.8	0.79	4.74
	1 1/2"		38.1	0.95	5.70
	2"		50.8	1.27	7.62
3/16"	1/2"	4.8	12.7	0.47	2.82
	3/4"		19.0	0.71	4.26
	1"		25.4	0.95	5.70
	1 1/4"		31.8	1.19	7.14
	1 1/2"		38.1	1.42	8.52
	2"		50.8	1.90	11.40
1/4"	1/2"	6.3	12.7	0.63	3.78
	3/4"		19.0	0.95	5.70
	1"		25.4	1.27	7.62
	1 1/4"		31.8	1.58	9.48
	1 1/2"		38.1	1.90	11.40
	2"		50.8	2.53	15.18
	2 1/2"		63.5	3.17	19.02
	3"		76.2	3.80	23.18
	3 1/2"		88.9	4.43	26.58
4"	101.6	5.06	30.87		
5/16"	2"	7.9	50.8	3.17	19.02
	2 1/2"		63.5	3.96	23.76
	3"		76.2	4.75	28.50
	3 1/2"		88.9	5.54	33.24
	4"		101.6	6.33	37.98
3/8"	1 1/2"	9.5	38.1	2.85	17.10
	2"		50.8	3.80	22.80
	2 1/2"		63.5	4.75	28.50
	3"		76.2	5.70	34.20
	3 1/2"		88.9	6.67	40.64
	4"		101.6	7.60	45.60
1/2"	6"	12.7	152.4	11.36	69.29
	1 1/2"		38.1	3.80	22.80
	2"		50.8	5.06	30.36
	2 1/2"		63.5	6.33	38.70
	3"		76.2	7.60	45.60
	3 1/2"		88.9	8.86	53.16
5/8"	4"	15.9	101.6	10.13	61.78
	6"		152.4	15.18	92.59
	3"		76.2	9.50	57.00
	4"		101.6	12.66	77.26
	6"		152.4	18.97	115.72
3/4"	8"	19.0	203.2	25.39	154.80
	3"		76.2	11.40	69.40
	3 1/2"		88.9	13.33	81.32
	4"		101.6	15.19	92.67
	6"		152.4	22.76	138.83
1"	8"	25.4	203.2	30.47	185.88
	3"		76.2	15.19	91.14
	4"		101.6	20.26	121.56
	6"		152.4	30.35	185.13
	8"		203.2	40.63	247.84

**POLÍN MONTEN**

Descripción	Cal	Peso		Dimensión			Área (cm <sup>2</sup> )	Eje X - X			Eje Y - Y			Factor Columna	
		kg/ml	kg/pz	d mm	t pulg	R mm		lx cm4	Sx cm3	rx cm	ly cm4	Sy cm3	r cm		x mm
3" X 1 1/2"	12	3.60	21.60	19	2.66	9.5	4.54	38.5	10.1	2.9	4.16	9.56	1.45	1.51	*
3" X 1 1/2"	14	2.40	14.40	19	0.0747	6.4	3.23	28	7.22	2.92	7	2.99	1.46	14.99	0.99
3" X 1 1/2"	16	1.99	11.94	19	1.52	9.5									
4" X 2"	10	5.85	23.40	19	0.1345	6.4	7.30	113	22.15	3.93	25	7.66	1.84	18.35	1.00
4" X 2"	12	4.55	18.20	19	0.1046	6.4	5.78	91	17.86	3.96	20	6.3	1.88	18.36	0.97
4" X 2"	14	3.29	13.16	19	0.0747	6.4	4.19	67	13.22	4.00	15	4.76	1.92	18.37	0.91
4" X 2"	16	2.72	16.32	19	1.52	9.5								1.82	
5" X 2"	10	6.56	32.80	19	0.1345	6.4	8.17	192	30.25	4.85	27	7.89	1.82	16.58	0.97
5" X 2"	12	5.08	25.40	19	0.1046	6.4	6.45	154	24.29	4.89	22	6.49	1.86	16.58	0.92
5" X 2"	14	3.68	18.40	19	0.0747	6.4	4.68	114	17.90	4.93	17	4.89	1.89	16.57	0.84
6" X 2"	10	7.38	44.28	19	0.1345	6.4	9.04	298	39.12	5.74	29	8.06	1.78	15.15	0.92
6" X 2"	12	5.82	34.92	19	0.1046	6.4	7.13	239	31.31	5.79	24	6.62	1.82	15.13	0.85
6" X 2"	14	4.21	25.26	19	0.0747	6.4	5.16	175	23.00	5.83	18	4.99	1.86	15.11	0.77
6" X 2 1/2"	10	7.95	47.70	19	0.1345	6.4	9.90	346	45.44	5.91	50	11.54	2.25	19.89	0.93
6" X 2 1/2"	12	6.18	37.08	19	0.1046	6.4	7.80	276	36.27	5.95	41	9.39	2.29	19.90	0.87
6" X 2 1/2"	14	4.46	26.76	19	0.0747	6.4	5.64	203	26.54	5.99	31	7.02	2.33	19.90	0.79
7" X 2 3/4"	10	9.00	63.00	22	0.1345	6.4	11.41	542	60.94	6.89	72	14.89	2.51	21.62	0.88
7" X 2 3/4"	12	6.99	48.93	19	0.1046	6.4	8.81	424	47.64	6.93	55	11.12	2.49	20.76	0.82
7" X 2 3/4"	14	5.04	35.28	19	0.0747	6.4	6.36	309	34.37	6.97	41	8.27	2.53	20.76	0.74
8" X 2 3/4"	10	9.82	78.56	22	0.1345	6.4	12.28	744	73.19	7.78	75	15.11	2.47	20.21	0.83
8" X 2 3/4"	12	7.72	61.76	19	0.1046	6.4	9.49	580	57.10	7.82	57	11.28	2.45	19.38	0.77
8" X 2 3/4"	14	5.57	44.56	19	0.0747	6.4	6.85	423	41.16	7.86	42	8.39	2.49	19.37	0.69

**Fabricamos polín a medidas especiales.**
**Notas:**

\* Pesos técnicos calculados según peralte del polín.

\* Polín de 3" calculado a 6 mts.

\* Polín de 4" se surte también en 5 y 6 mts.

\* Polín de 5" se surte también en 6 mts.

**POLÍN MON-TEN**

Descripción	Cal	Peso		Dimensión			Área (cm <sup>2</sup> )	Eje X - X			Eje Y - Y			Factor Columna
		kg/ml	kg/pz	d	t	R		lx	Sx	rx	ly	Sy	r	
D X B				mm	pulg	mm	cm <sup>4</sup>	cm <sup>3</sup>	cm	cm <sup>4</sup>	cm <sup>3</sup>	cm	mm	Q
8" X 3"	10	10.14	81.12	22	0.1345	6.4	787	77.45	7.87	93	17.34	2.71	22.53	0.84
8" X 3"	12	7.89	63.12	22	0.1046	6.4	625	61.47	7.91	75	14.00	2.74	22.52	0.78
8" X 3"	14	5.63	45.04	19	0.0747	6.4	448	42.80	7.95	52	9.62	2.72	21.67	0.69
9" X 2 3/4"	10	10.52	94.68	22	0.1345	6.4	985	86.18	8.66	78	15.29	2.43	18.99	0.79
9" X 2 3/4"	12	8.26	74.34	19	0.1046	6.4	767	67.14	8.69	59	11.42	2.41	18.18	0.72
9" X 2 3/4"	14	5.96	53.64	19	0.0747	6.4	559	48.36	8.73	44	8.49	2.45	18.16	0.65
9" X 3 1/2"	10	11.78	106.02	25	0.1345	6.4	1167	102.10	8.92	150	24.02	3.19	26.65	0.81
9" X 3 1/2"	12	9.12	82.08	22	0.1046	6.4	911	79.09	8.96	114	18.07	3.17	25.79	0.75
9" X 3 1/2"	14	6.56	59.04	19	0.0747	6.4	652	53.19	9.00	80	12.45	3.15	24.91	0.63
10" X 2 3/4"	10	11.22	112.20	22	0.1345	6.4	1269	99.92	9.52	80	15.44	2.39	17.92	0.75
10" X 2 3/4"	12	8.80	88.00	19	0.1046	6.4	987	77.75	9.55	61	11.53	2.37	17.13	0.68
10" X 2 3/4"	14	6.34	63.40	19	0.0747	6.4	719	55.97	9.59	45	8.58	2.41	17.09	0.61
10" X 3 1/2"	10	12.37	123.70	25	0.1345	6.4	1495	117.74	9.82	155	24.29	3.16	25.26	0.77
10" X 3 1/2"	12	9.62	96.20	22	0.1046	6.4	1165	91.12	9.85	118	18.28	3.13	24.42	0.71
10" X 3 1/2"	14	6.87	68.70	19	0.0747	6.4	833	61.37	9.88	82	12.59	3.11	23.55	0.60
12" X 3 1/2"	10	13.74	164.88	25	0.1345	6.4	2308	151.37	11.56	163	24.73	3.08	22.88	0.71
12" X 3 1/2"	12	10.64	127.68	22	0.1046	6.4	1796	117.02	11.59	124	18.61	3.05	22.07	0.64
12" X 3 1/2"	14	7.57	90.84	19	0.0747	6.4	1282	79.06	11.62	87	12.82	3.02	21.25	0.54

**Fabricamos polín a medidas especiales.**

Notas:

- \* Pesos teóricos calculados según peralte del polín.
- \* Polín de 3" calculado a 6 mts.
- \* Polín de 4" se surte también en 5 y 6 mts.
- \* Polín de 5" se surte también en 6 mts.