



## PESO TEÓRICO BARRAS DE ACERO KG/MT

MM	Pulgadas	Redonda	Cuadrada	Hexagonal
0.79	1/32	.0039	.0049	.0043
1.59	1/16	.0155	.0196	.0171
3.18	1/8	.0621	.0790	.0685
4.76	3/16	.1396	.1778	.1540
6.35	1/4	.2484	.3160	.2738
7.94	5/16	.3881	.4961	.4279
9.53	3/8	.5590	.7117	.6163
11.11	7/16	.7607	.9636	.8388
12.70	1/2	.9936	1.265	1.096
14.29	9/16	1.257	1.601	1.387
15.88	5/8	1.552	1.976	1.712
17.46	11/16	1.878	2.393	2.072
19.05	3/4	2.235	2.847	2.465
20.64	13/16	2.624	3.341	2.893
22.22	7/8	3.042	3.874	3.355
23.81	15/16	3.493	4.449	3.852
25.40	1	3.974	5.060	4.383
26.99	1 1/16	4.486	5.712	4.947
28.57	1- 1/8	5.029	6.404	5.547
30.16	1- 3/16	5.605	7.136	6.179
31.75	1- 1/4	6.211	7.906	6.848
33.34	1 5/16	6.846	8.717	7.549
34.92	1- 3/8	7.470	9.567	8.285
36.51	1- 7/16	8.212	10.46	9.056
38.10	1- 1/2	8.942	11.39	9.860
39.69	1- 9/16	9.704	12.35	10.700
41.27	1- 5/8	10.494	13.31	11.57



MM	Pulgadas	Redonda	Cuadrada	Hexagonal
42.86	1- 11/16	11.32	14.41	12.48
44.45	1- 3/4	12.17	15.40	13.42
46.04	1- 13/16	13.05	16.62	14.40
47.62	1- 7/8	13.97	17.79	15.40
49.21	1- 15/16	14.91	18.99	16.45
50.80	2	15.90	20.24	17.53
52.39	2- 1/16	16.91	21.52	18.65
53.97	2- 1/8	17.95	22.85	19.79
55.56	2- 3/16	19.02	24.21	20.97
57.15	2- 1/4	20.12	25.63	22.19
58.74	2- 5/16	21.25	27.07	23.44
60.32	2- 3/8	22.43	28.55	24.71
61.91	2- 7/16	23.60	30.06	26.03
63.50	2- 1/2	24.84	31.63	27.38
65.07	2- 9/16	26.09	33.23	28.77
66.68	2- 5/8	27.38	34.87	30.20
68.26	2- 11/16	28.71	36.55	31.66
69.85	2- 3/4	30.06	38.30	33.14
71.44	2- 13/16	31.43	40.03	34.66
73.02	2- 7/8	32.85	41.82	36.23
74.61	2- 15/16	34.29	43.63	37.82
76.20	3	35.76	45.54	39.44
77.77	3- 1/16	37.27	47.47	41.11
79.37	3- 1/8	38.81	49.41	42.79
80.96	3- 3/16	40.38	51.52	44.53
82.55	3- 1/4	41.97	51.46	46.29
84.14	3- 5/16	43.61	55.53	48.09
85.72	3- 3/8	45.27	57.64	49.02
87.31	3- 7/16	46.97	59.80	51.78



MM	Pulgadas	Redonda	Cuadrada	Hexagonal
88.90	3- 1/2	48.68	61.99	53.68
90.47	3- 9/16	50.45	64.21	55.62
92.07	3- 5/8	52.22	66.50	57.58
93.66	3- 11/16	54.04	68.82	59.50
95.25	3- 3/4	55.90	71.17	61.63
96.84	3- 13/16	57.76	73.55	63.70
98.42	3- 7/8	59.68	75.98	65.80
100.01	3- 15/16	61.62	78.51	67.94
101.60	4	63.60	80.96	70.11
103.20	4- 1/16	65.59	83.51	72.41
104.80	4- 1/8	67.62	86.10	74.56
106.40	4- 3/16	69.70	88.73	76.80
107.90	4- 1/4	71.80	91.40	79.12
109.50	4- 5/16	73.91	94.11	81.41
111.10	4- 3/8	76.07	96.86	83.88
112.70	4- 7/16	78.25	99.64	86.40
114.30	4- 1/2	80.47	102.47	88.75
115.90	4- 9/16	82.73	105.34	91.22
117.50	4- 5/8	85.01	108.24	93.73
119.10	4- 11/16	87.32	111.18	96.29
120.60	4- 3/4	89.67	114.17	98.88
122.20	4- 13/16	92.04	117.19	101.58
123.80	4- 7/8	94.45	120.27	104.26
125.40	4- 15/16	96.89	123.37	106.87
127.00	5	99.36	126.51	109.55
128.60	5- 1/16	101.86	129.70	112.41
130.20	5- 1/8	104.39	132.91	115.15
131.70	5- 3/16	106.95	136.10	118.10
133.30	5- 1/4	109.54	139.48	120.79



MM	Pulgadas	Redonda	Cuadrada	Hexagonal
134.90	5- 5/16	112.17	142.82	123.75
136.50	5- 3/8	114.82	146.20	126.70
138.10	5- 7/16	117.50	149.57	129.70
139.70	5- 1/2	120.21	153.00	132.56
141.30	5- 9/16	122.96	156.57	135.70
142.90	5- 5/8	125.95	160.14	138.17
144.50	5- 11/16	128.56	163.71	141.91
146.00	5- 3/4	131.40	167.28	144.89
147.60	5- 13/16	134.27	171.00	148.20
149.20	5- 7/8	137.18	174.73	151.36
150.80	5- 15/16	140.11	178.45	154.63
152.40	6	143.10	182.20	157.80
165.10	6- 1/2	167.90	213.70	185.10
177.80	7	194.80	248.00	214.80
203.20	8	254.50	323.90	280.40
228.60	9	321.90	409.90	355.00
254.00	10	397.40	506.00	438.20
279.40	11	480.90	612.30	530.30
304.80	12	572.21	728.70	621.00
330.20	13	671.60	855.82	741.40
355.60	14	778.90	992.54	859.85
381.00	15	894.15	1.139.40	987.00
406.40	16	1.017.34	1.296.38	1.123.00
431.80	17	1.148.47	1.463.50	1.267.80
457.20	18	1.287.58	1.640.74	1.421.40



## KG/MT PARA BARRAS DE ACERO

### Redondos

Diámetro de la sección en milímetros:  $\text{kg/Mt} = d^2 \times 0.00616$

Diámetro de la sección en pulgadas:  $\text{kg/Mt} = d^2 \times 3.974$

### Platinas Y cuadrados

Base y altura en milímetros:  $\text{kg/Mt} = b \times h \times 0.00785$

Base y altura en pulgadas:  $\text{kg/Mt} = b \times h \times 5.065^*$  en cuadrados  $b=h$

### Hexagonales

Altura de la sección en milímetros:  $\text{kg/Mt} = h^2 \times 0.0068$

Altura de la sección en pulgadas:  $\text{kg/Mt} = h^2 \times 4.387$