



## BARRAS REDONDAS, QUADRADAS E SEXTAVADAS

### PESO POR METRO (Kg/m)

Polegada	mm	●	●	■
1/8"	3,17	0,062	0,080	0,079
5/32"	3,97	0,097	0,107	0,125
3/16"	4,76	0,140	0,154	0,179
7/32"	5,55	0,190	0,209	0,243
1/4"	6,35	0,248	0,274	0,319
9/32"	7,14	0,314	0,347	0,403
5/16"	7,96	0,387	0,428	0,497
3/8"	9,53	0,559	0,618	0,717
7/16"	11,11	0,760	0,839	0,975
1/2"	12,70	0,994	1,097	1,274
9/16"	14,28	1,256	1,387	1,611
5/8"	15,87	1,551	1,713	1,990
11/16"	17,46	1,878	2,073	2,408
3/4"	19,05	2,235	2,468	2,867
13/16"	20,36	2,622	2,894	3,362
7/8"	22,22	3,041	3,357	3,900
15/16"	23,81	3,492	3,855	4,479
1"	25,40	3,974	4,387	5,097
1.1/16"	26,97	4,481	4,946	5,746
1.1/8"	28,57	5,028	5,550	6,448
1.3/16"	30,16	5,603	6,185	7,186
1.1/4"	31,75	6,210	6,855	7,964
1.5/16"	33,34	6,847	7,559	8,781
1.3/8"	34,92	7,512	8,292	9,633
1.7/16"	36,51	8,211	9,064	10,531
1.1/2"	38,10	8,942	9,871	11,468
1.9/16"	39,69	9,704	10,712	12,445
1.5/8"	41,27	10,492	11,582	13,455
1.3/4"	44,45	12,171	13,435	15,609
1.7/8"	47,62	13,969	15,420	17,915
2"	50,80	15,897	17,548	20,387
2.1/16"	52,39	16,907	18,664	21,683
2.1/8"	53,97	17,943	19,807	23,011
2.3/16"	55,56	19,015	20,991	24,387
2.1/4"	57,15	20,119	22,210	25,802
2.5/16"	58,73	21,247	23,455	27,249
2.3/8"	60,33	22,421	24,750	28,754
2.7/16"	61,91	23,610	26,063	30,279
2.1/2"	63,50	24,839	27,419	31,855
2.5/8"	66,68	27,389	30,234	35,125
2.3/4"	69,85	30,055	33,177	38,544
2.7/8"	73,03	32,854	36,267	42,134
3"	76,20	35,768	39,484	45,871
3.1/8"	79,30	38,737	42,762	49,679
3.1/4"	82,55	41,977	46,339	53,835

### PESO POR METRO (Kg/m)

Polegada	mm	●	●	■
3.3/8"	85,73	45,270	49,980	58,060
3.1/2"	88,90	48,680	53,740	62,440
3.5/8"	92,08	52,230	57,660	66,980
3.3/4"	95,25	55,890	61,690	71,670
3.7/8"	98,43	59,680	65,880	76,540
4"	101,60	63,590	70,190	81,550
4.1/8"	104,78	67,630	74,660	86,730
4.1/4"	107,95	71,780	79,240	92,060
4.3/8"	111,13	76,080	83,980	97,560
4.1/2"	114,30	80,480	88,840	103,210
4.5/8"	117,48	85,020	93,850	109,030
4.3/4"	120,65	89,670	98,980	115,000
4.7/8"	123,83	94,460	104,270	121,140
5"	127,00	99,350	109,680	127,420
5.1/4"	133,36	109,550	120,940	140,500
5.1/2"	139,71	120,240	132,730	154,200
5.3/4"	146,06	131,410	145,070	168,530
6"	152,40	143,070	157,940	183,430
6.1/4"	158,76	155,260	171,390	199,120
6.1/2"	165,11	167,930	185,380	215,360
6.3/4"	171,46	181,090	199,910	232,250
7"	177,81	194,760	214,990	249,770
7.1/4"	184,16	208,920	230,620	267,930
7.1/2"	190,51	223,570	246,800	286,720
7.3/4"	196,85	238,700	263,500	306,120
8"	203,20	254,350	280,770	326,190
8.1/4"	209,55	270,400	298,600	346,900
8.1/2"	215,90	287,130	316,970	368,240
8.3/4"	222,25	304,270	335,890	390,220
9"	228,60	321,910	355,350	412,840
9.1/4"	234,95	340,040	375,370	436,090
9.1/2"	241,30	358,670	395,930	459,980
9.3/4"	247,65	377,800	417,050	484,510
10"	254,00	397,430	438,710	509,680
10.1/2"	266,70	438,150	483,680	561,920
11"	279,40	480,880	530,840	616,710
11.1/2"	292,70	527,750	582,580	676,860
12"	304,80	572,280	631,740	733,934
13"	330,20	671,640	741,420	861,350
14"	355,60	778,940	859,870	998,970
15"	381,00	894,190	987,090	1146,770
16"	406,40	1017,390	1123,090	1304,770
17"	431,80	1148,540	1267,870	1472,960
18"	457,20	1287,640	1421,420	1651,350
20"	508,00	1589,670	1754,840	2030,710



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## BARRAS CHATA E CANTONEIRAS



### BARRAS CHATA

PESO POR METRO (Kg/m)

Espessura (Pol)	1/8"	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"
Largura (mm)	3,17	4,76	6,35	7,93	9,53	12,70	15,87	19,05	25,40
1/2"	0,318	0,478	0,637	0,796	0,956				
3/4"	0,477	0,716	0,956	1,193	1,434	1,911	2,388		
1"	0,636	0,955	1,274	1,591	1,912	2,548	3,184	3,823	
1.1/4"	0,795	1,194	1,593	1,989	2,390	3,185	3,981	4,778	6,371
1.1/2"	0,954	1,433	1,911	2,387	2,868	3,823	4,777	5,734	7,645
2"	1,272	1,910	2,548	3,182	3,825	5,097	6,369	7,645	10,194
2.1/2"	1,590	2,388	3,185	3,978	4,781	6,371	7,961	9,556	12,742
3"	1,908	2,865	3,823	4,774	5,737	7,645	9,553	11,468	15,290
3.1/2"	2,226	3,343	4,460	5,569	6,693	8,919	11,146	13,379	17,839
4"	2,544	3,821	5,097	6,365	7,649	10,194	12,738	15,290	20,387
5"	3,180	4,776	6,371	7,956	9,561	12,742	15,922	19,113	25,484
6"	3,817	5,731	7,645	9,547	11,474	15,290	19,107	22,935	30,581

### CANTONEIRAS

PESO POR METRO (Kg/m)

Espessura (Pol)	1/8"	3/16"	1/4"	5/16"	3/8"	1/2"
Abas (mm)	3,17	4,76	6,35	7,93	9,53	12,70
3/4" x 3/4"	0,870	1,210				
1" x 1"	1,200	1,710	2,150			
1.1/4" x 1.1/4"	1,540	2,210	2,810			
1.1/2" x 1.1/2"	1,870	2,710	3,480			
2" x 2"	2,530	3,710	4,820	5,850	6,830	
2.1/2" x 2.1/2"		4,710	6,150	7,520	8,840	
3" x 3"		5,710	7,480	9,180	10,840	
4" x 4"		7,710	10,150	12,520	14,850	19,260