

Bitolas D		Espessura da Parede (mm)	Peso teórico Barra 6mm
Pol.	mm		
1/2"	12,70	1,50	2,486
5/8"	15,87	1,50	3,189
		1,90	3,927
		2,00	4,104
3/4"	19,05	1,50	3,894
		1,90	4,821
		2,00	5,045
		2,25	5,592
		2,65	6,430
		3,00	7,124
13/16"	20,70	1,50	4,261
		1,90	5,285
		2,00	5,533
		2,25	6,142
27/32"	21,30	2,65	7,077
		1,50	4,394
		1,90	5,454
		2,00	5,711
		2,25	6,431
		3,00	8,123
		3,35	8,897
7/8"	22,22	3,75	9,737
		1,50	4,598
		1,90	5,712
		2,00	5,983
		2,25	6,648
		2,65	7,673
1"	25,40	3,00	8,531
		1,50	5,304
		1,90	6,606
		2,00	6,924
		2,25	7,707
		2,65	8,920
1 1/8"	28,60	3,00	9,943
		3,35	10,929
		3,75	12,013
		1,50	6,014
		1,90	7,506
		2,00	7,871
		2,25	8,772
1 1/4"	31,75	2,65	10,175
		3,00	11,363
		3,35	12,516
		3,75	13,788
		1,50	6,714
		1,90	8,394
		2,00	8,803
1 5/16"	33,40	2,25	9,822
		2,65	11,410
		3,00	12,762
		3,35	14,076
		3,75	15,535
		2,00	9,292
		2,25	10,370
		2,65	12,056
1 3/8"	34,92	3,00	13,493
		3,35	14,894
		3,75	16,451
		4,25	18,330
		4,75	20,135
		5,30	22,036
		1,50	7,416
1 1/2"	38,10	1,90	9,282
		2,00	9,742
		2,25	10,876
		2,65	12,653
		3,00	14,168
		3,35	15,648
		1,50	8,124
1 5/8"	41,27	1,90	10,176
		2,00	10,682
		2,25	11,934
		2,65	13,900
		3,00	15,580
		3,35	17,224
		3,75	19,059
		1,50	8,826
2"	50,80	1,90	11,068
		2,00	11,621
		2,25	12,990
		2,65	15,143
		3,00	16,987
		3,35	18,796
		3,75	20,817

Bitolas D		Espessura da Parede (mm)	Peso teórico Barra 6mm
Pol.	mm		
1 3/4"	44,45	1,50	9,532
		1,90	11,962
		2,00	12,561
		2,25	14,049
		2,65	16,392
		3,00	18,398
		3,35	20,372
		3,75	22,582
		4,25	25,278
		4,75	27,901
1 7/8"	47,60	5,30	30,701
		1,50	10,231
		1,90	12,847
		2,00	13,494
		2,25	15,097
		2,65	17,625
2"	57,15	3,00	19,787
		1,50	10,944
		1,90	13,746
		2,00	14,440
		2,25	16,164
		2,65	18,880
		3,00	21,216
		3,35	23,516
2 1/4"	60,30	3,75	26,106
		4,25	29,272
		4,75	32,364
		5,30	33,680
		5,60	37,451
		6,30	41,480
		1,50	12,350
		1,90	15,532
2 3/8"	63,50	2,00	16,319
		2,25	18,276
		2,65	21,369
		3,00	24,036
		3,35	26,667
		3,75	29,629
		3,75	33,265
		4,25	33,265
		4,75	37,451
		5,30	43,130
2 1/2"	69,85	5,60	45,323
		6,30	50,335
		1,50	13,764
		1,90	17,316
		2,00	18,199
		2,25	20,394
		2,65	23,862
		3,00	26,856
		3,35	29,814
		3,75	33,152
2 3/4"	73,03	4,25	37,258
		4,75	41,290
		5,30	45,640
		5,60	47,974
		6,30	53,319
		1,20	15,169
		1,50	19,102
		1,90	20,078
2 7/8"	79,85	2,00	22,505
		2,25	26,349
		2,65	29,673
		3,00	32,962
		3,35	36,675
		3,75	41,251
		4,25	45,752
		4,75	59,238
		6,30	59,238
		3,00	31,08

Bitolas D		Espessura da Parede (mm)	Peso teórico Barra 6mm
Pol.	mm		
3"	76,20	1,50	18,578
		1,90	20,886
		2,00	21,957
		2,25	25,618
		2,65	28,842
		3,00	32,496
		3,35	36,109
		3,75	40,199
		4,25	45,215
		4,75	50,497
3 1/4"	82,55	5,30	55,598
		5,60	58,497
		6,30	65,157
		2,00	23,836
		2,25	26,732
		2,65	31,328
		3,00	35,310
		3,75	43,722
3 1/2"	88,90	4,75	54,679
		1,50	19,398
		1,90	24,548
		2,00	25,751
		2,25	28,847
		2,65	33,88
		3,00	38,129
		3,35	42,404
3 3/4"	95,25	3,75	47,245
		4,25	53,230
		4,75	59,141
		5,30	65,558
		5,60	69,020
		6,30	76,995
		2,00	27,594
4"	101,60	2,65	36,307
		3,00	40,947
		3,75	50,768
		4,75	63,604
		6,30	82,914
		1,50	22,216
		1,90	28,028
		2,00	29,473
4 1/2"	114,30	2,25	33,075
		2,65	38,798
		3,00	43,770
		3,35	48,699
		3,75	54,292
		4,25	61,217
		4,75	68,067
		5,30	75,517
		5,60	79,543
		6,30	88,834
5"	127,00	1,50	25,034
		1,90	31,597
		2,00	33,232
		2,25	37,302
		2,65	43,777
		3,00	49,404
		3,35	54,994
		3,75	61,338
		4,25	69,202
		4,75	76,992
5 1/2"	139,70	5,30	85,476
		5,60	90,066
		6,30	100,670
		7,11	112,763
		2,00	36,990
		2,25	41,630
		2,65	48,750
		3,00	55,040
6"	152,40	3,35	61,280
		3,75	68,385
		4,25	77,188
		4,75	85,918
		5,30	95,436
		5,60	100,590
		6,30	112,510
		7,11	126,124
		2,25	45,758
		2,65	53,736
6 1/2"	165,10	3,00	60,678
		3,35	67,584
		3,75	75,431
		4,25	85,175
		4,75	94,840
		5,30	105,395
		2,00	29,404
		2,25	32,300
6 3/4"	177,80	2,65	43,777
		3,00	49,404
		3,35	54,994
		3,75	61,338
		4,25	69,202
		4,75	76,992
		5,30	85,476
		5,60	90,066
7"	193,70	6,30	100,670
		7,11	112,763
		2,00	36,990
		2,25	41,630
		2,65	48,750
		3,00	55,040
		3,35	61,280
		3,75	68,385
7 1/2"	203,20	4,25	77,188
		4,75	85,918
		5,30	95,436
		5,60	100,590
		6,30	112,510
		7,11	126,124
		2,25	45,758
		2,65	53,736
		3,00	60,678
		3,35	67,584
8"	219,10	3,75	75,431
		4,25	85,175
		4,75	94,840
		5,30	105,395
		2,25	45,758
		2,65	53,736
		3,00	60,678
		3,35	67,584

Bitolas D		Espessura da Parede (mm)	Peso teórico Barra 6mm
Pol.	mm		
5 1/2"	139,70	5,60	111,12
		6,30	124,350
		7,11	139,484
5 9/16"	141,30	2,25	46,291
		2,65	54,363
		3,00	61,388
		3,35	68,377
		3,75	76,319
		4,25	86,181
		4,75	95,968
		5,30	106,650
		5,60	112,437
		6,30	125,839
6"	152,40	7,11	141,167
		2,65	58,716
		3,00	66,316
		3,35	73,879
		3,75	82,487
		4,25	93,161
		4,75	103,730
6 1/2"	165,10	5,30	115,354
		5,60	121,630
		6,30	136,630
		7,11	152,844
		2,65	63,696
		3,00	71,953
		3,35	80,173
		3,75	89,525
6 5/8"	168,30	4,25	101,150
		4,75	112,695
		5,30	125,313
		5,60	132,160
		6,30	148,030
		7,11	166,205
		2,65	64,943
7"	177,80	3,00	73,356
		3,35	81,745
		3,75	91,284
		4,25	103,160
		4,75	114,923
		5,30	127,823
		5,60	134,784
7 1/2"	193,70	6,30	150,980
		7,11	169,539
		2,65	68,678
		3,00	77,590
		3,35	86,675
		3,75	96,571
		4,25	109,133
		4,75	121,272
8"	203,20	5,30	135,272
		5,60	142,680
		6,30	159,863
		7,11	179,565
		8,00	202,200
		4,75	132,840
		6,30	177,363
		9,52	259,432
8 1/2"	219,10	2,65	78,634
		3,00	88,864
		3,35	99,058
		3,75	110,664
		4,25	125,105
		4,75	139,472
		5,30	146,628
9"	238,00	6,30	183,539
		7,11	206,285
		2,65	84,947
		3,00	96,011
		3,35	107,039
		3,75	119,597
		4,25	135,229
		4,75	150,787
		5,30	158,539
		5,60	177,066
10"	254,00	6,30	198,547
		7,11	223,222