



**TENAX**  
AÇOS ESPECIAIS

**TUBOS INDUSTRIAIS REDONDOS**

Bitolas D		Espessura da parede mm	Peso teórico barra 6m
pol	mm		
1/4"	6,30	0,90	0,719
		1,20	0,906
5/16"	7,94	0,75	0,797
		0,90	0,937
		1,20	1,197
		1,50	1,429
		0,75	0,973
3/8"	9,52	0,90	1,148
		1,00	1,280
		1,20	1,477
		1,50	1,780
13/32"	10,00	0,90	1,212
		1,20	1,562
		1,50	1,886
1/2"	12,70	0,75	1,326
		0,90	1,571
		1,00	1,734
		1,20	2,042
5/8"	15,87	1,50	2,486
		0,75	1,678
		0,90	1,992
		1,00	2,202
		1,20	2,604
3/4"	19,05	1,50	3,189
		1,90	3,927
		2,00	4,104
		0,75	2,031
		0,90	2,418
		1,00	2,670
13/16"	20,70	1,20	3,168
		1,50	3,894
		1,90	4,821
		2,00	5,045
		2,25	5,592
		2,65	6,430
		3,00	7,124
		0,75	2,614
		0,90	2,636
		1,20	3,462
27/32"	21,30	1,50	4,261
		1,90	5,285
		2,00	5,533
		2,25	6,142
		2,65	7,077
		1,20	3,569
		1,50	4,394
		1,90	5,454
7/8"	22,22	2,00	5,711
		2,25	6,431
		2,65	7,312
		3,00	8,123
		3,35	8,897
		3,75	9,737
		0,75	2,382
		0,90	2,838
		1,00	3,138
		1,20	3,732
1"	25,40	1,50	4,598
		1,90	5,712
		2,00	5,983
		2,25	6,648
		2,65	7,673
		3,00	8,531
		0,75	2,735
		0,90	3,263
		1,00	3,612
		1,20	4,296

Bitolas D		Espessura da parede mm	Peso teórico barra 6m
pol	mm		
1 1/8"	28,60	0,75	3,091
		0,90	3,688
		1,00	4,086
		1,20	4,866
		1,50	6,014
		1,90	7,506
		2,00	7,871
		2,25	8,772
		2,65	10,175
		3,00	11,363
		3,35	12,516
		3,75	13,788
		1 1/4"	31,75
0,90	4,108		
1,00	4,548		
1,20	5,424		
1,50	6,714		
1,90	8,394		
2,00	8,803		
1 5/16"	31,75	2,25	9,822
		2,65	11,410
		3,00	12,762
		3,35	14,076
		3,75	15,535
		2,00	9,292
1 5/16"	33,40	2,25	10,370
		2,65	12,056
		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 3/8"	34,92	0,90	4,530
		1,20	5,980
		1,50	7,416
		1,90	9,282
		2,00	9,742
		2,25	10,876
		2,65	12,653
1 1/2"	38,10	3,00	14,168
		3,35	15,648
		0,90	4,953
		1,00	5,490
		1,20	6,552
		1,50	8,124
		1,90	10,176
		2,00	10,682
		2,25	11,934
		2,65	13,900
1 5/8"	41,27	3,00	15,580
		3,35	17,224
		3,75	19,059
		0,90	5,376
		1,20	7,115
		1,50	8,826
		1,90	11,068
		2,00	11,621
		2,25	12,990
		2,65	15,143
1 3/4"	44,45	3,00	16,987
		3,35	18,796
		3,75	20,817
		0,90	5,799
		1,00	6,432
		1,20	7,680
		1,50	9,532
		1,90	11,962
		2,00	12,561
		2,25	14,049

Bitolas D		Espessura da parede mm	Peso teórico barra 6m
pol	mm		
1 3/4"	44,45	4,75	27,901
		5,30	30,701
1 7/8"	47,60	0,90	6,218
		1,20	8,238
		1,50	10,231
		1,90	12,847
		2,00	13,494
		2,25	15,097
		2,65	17,625
		3,00	19,797
		0,90	6,644
		1,20	8,806
2"	50,80	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
		3,75	26,106
		4,25	29,272
		4,75	32,364
2 1/4"	57,15	5,30	33,680
		5,60	37,451
		6,30	41,480
		0,90	7,490
		1,20	9,993
		1,50	12,350
		1,90	15,532
		2,00	16,319
		2,25	18,276
		2,65	21,369
2 5/16"	58,74	3,00	24,036
		3,35	26,667
		3,75	29,629
		3,75	33,265
		4,25	33,265
		0,90	7,702
		1,20	10,216
		1,50	12,704
		1,90	15,979
		2,00	16,790
2 3/8"	60,30	2,25	18,806
		2,65	21,992
		3,00	24,742
		3,35	27,455
		0,90	7,909
		1,20	10,493
		1,50	13,050
		1,90	16,418
		2,00	17,252
		2,25	19,325
2 1/2"	63,50	2,65	22,604
		3,00	25,434
		3,35	28,228
		3,75	31,377
		4,25	35,246
		4,75	39,041
		5,30	43,130
		5,60	45,323
		6,30	50,335
		7,11	55,956
2 3/4"	66,67	1,20	11,061
		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
		4,25	37,258



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Bitolas D		Espessura da parede mm	Peso teórico barra 6m
pol	mm		
2 3/4"	69,85	1,20	15,169
		1,50	19,102
		1,90	20,078
		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
2 7/8"	73,03	3,00	31,080
		3,35	34,533
		3,75	38,434
		4,25	43,244
3"	76,20	4,75	47,987
		6,30	62,202
		0,90	10,272
		1,20	13,316
		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
3 1/4"	82,55	4,25	45,215
		4,75	50,497
		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
		4,75	54,679
		3 1/2"	88,90
1,50	19,398		
1,90	24,548		
2,00	25,751		
2,25	28,847		
2,65	33,880		
3,00	38,129		
3,35	42,404		
3,75	47,245		
4,25	53,230		
4,75	59,141		
5,30	65,558		
5,60	69,020		
6,30	76,995		
3 3/4"	95,25	2,00	27,594
		2,65	36,307
		3,00	40,947
		3,75	50,768
		4,75	63,604
		6,30	82,914
		1,20	17,826
		1,50	22,216
4"	101,6	1,90	28,028
		2,00	29,473
		2,25	33,075

Bitolas D		Espessura da parede mm	Peso teórico barra 6m
pol	mm		
4"	101,60	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
		7,11	99,301
		1,50	25,034
		1,90	31,597
4 1/2"	114,30	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
		5,30	85,476
		5,60	90,066
		6,30	100,670
		7,11	112,763
5"	127,00	2,00	36,990
		2,25	41,630
		2,65	48,750
		3,00	55,040
		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
5 1/2"	139,70	2,25	45,758
		2,65	53,736
		3,00	60,678
		3,35	67,584
		3,75	75,431
		4,25	85,175
		4,75	94,840
		5,30	105,395
		5,60	111,120
		6,30	124,350
		7,11	139,484
		5 9/16"	141,30
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		
7,11	141,167		
6"	152,40		
		2,65	58,716
		3,00	66,316
		3,35	73,879
		3,75	82,487
		4,25	93,161

Bitolas D		Espessura da parede mm	Peso teórico barra 6m		
pol	mm				
6"	152,40	4,75	103,730		
		5,30	115,354		
		5,60	121,630		
		6,30	136,630		
		7,11	152,844		
		2,25	54,214		
6 1/2"	165,10	2,65	63,696		
		3,00	71,953		
		3,35	80,173		
		3,75	89,525		
		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		
		3,00	73,356		
3,35	81,745				
3,75	91,284				
6 5/8"	168,30	4,25	103,160		
		4,75	114,923		
		5,30	127,823		
		5,60	134,784		
		6,30	150,980		
		7,11	169,539		
		2,25	58,442		
		2,65	68,678		
		3,00	77,590		
		3,35	86,675		
		3,75	96,571		
		4,25	109,133		
4,75	121,272				
7"	177,80	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		
		2,25	66,898		
		2,65	78,634		
		3,00	88,864		
		3,35	99,058		
3,75	110,664				
8"	203,20	4,25	125,105		
		4,75	139,472		
		5,30	146,628		
		6,30	183,539		
		7,11	206,285		
		2,25	72,258		
		2,65	84,947		
		3,00	96,011		
		3,35	107,039		
		3,75	119,597		
		4,25	135,229		
		4,75	150,787		
8 5/8"	219,10	5,30	158,539		
		5,60	177,066		
		6,30	198,547		
		7,11	223,222		
		4,75	168,499		
		6,30	223,753		
		8,00	277,235		
		9 5/8"	244,50	6,30	223,753
				8,00	277,235