

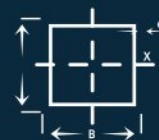
Tubos Industriais Quadrados

Dimensões		Espessura da parede mm	Peso teórico barra 6m
mm	mm		
16,00	16,00	0,90	2,586
		1,20	3,395
		1,50	4,177
		1,90	5,178
19,05	19,05	2,00	6,570
		2,25	7,310
		2,65	8,45
		3,00	9,410
20,00	20,00	0,90	3,262
		1,20	4,296
		1,50	5,304
		1,90	6,606
		2,00	6,924
25,00	25,00	0,90	4,108
		1,20	5,424
		1,50	6,714
		1,90	8,391
		2,00	8,803
		2,25	9,821
		2,65	11,410
		3,00	12,761
30,00	30,00	0,90	4,953
		1,20	6,552
		1,50	8,124
		1,90	10,176
		2,00	10,683
		2,25	11,935
		2,65	13,900
		3,00	15,580
35,00	35,00	0,90	5,799
		1,20	7,680
		1,50	9,534
		1,90	11,964
		2,00	12,561
		2,25	14,049
		2,65	16,389
38,00	38,00	1,50	10,377
		2,00	13,689
		3,00	20,090
40,00	40,00	0,90	6,664
		1,20	8,808
		1,50	10,942
		1,90	13,746
		2,00	14,441
		2,25	16,163
		2,65	18,879
		3,00	21,216
3,35	23,519		

Bitolas D		Espessura da parede mm	Peso teórico barra 6m
mm	mm		
40,00	40,00	3,75	26,105
		4,25	29,272
		4,75	32,364
45,00	45,00	2,00	16,320
		3,35	26,667
		3,75	29,629
50,00	50,00	1,50	13,760
		1,90	17,316
		2,00	18,198
		2,25	20,391
		2,65	23,859
		3,00	26,854
		3,35	29,814
		4,25	37,258
		4,75	41,290
		5,30	45,640
55,00	55,00	1,20	12,188
		1,50	15,169
		1,90	19,102
		2,00	20,078
		2,65	26,348
		3,00	29,673
		4,25	41,251
		4,75	45,753
		5,30	50,619
		5,60	53,236
60,00	60,00	1,20	13,316
		1,50	16,578
		1,90	20,886
		2,00	21,958
		2,25	24,619
		2,65	28,838
		3,00	32,492
		3,35	36,109
63,50	63,50	3,75	40,200
		4,25	45,244
		4,75	50,216
		5,30	55,599
		5,60	58,497
		6,30	65,157

Bitolas D		Espessura da parede mm	Peso teórico barra 6m
mm	mm		
60,00	60,00	7,11	72,682
63,50	63,50	1,50	17,565
		1,90	22,137
		2,00	23,273
		2,25	26,097
		2,65	30,581
		3,00	34,465
		3,35	38,312
		3,75	42,665
		4,25	48,039
		4,75	53,400
70,00	70,00	5,30	59,085
		5,60	62,180
		6,30	69,300
		1,20	15,571
		1,50	19,398
		1,90	24,458
		2,00	25,715
		2,25	28,847
		2,65	33,818
		3,00	38,129
75,00	75,00	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
		7,11	86,043
		3,00	
		3,35	45,552
76,20	76,20	3,75	50,679
		4,25	57,224
		4,75	63,604
		5,30	70,538
		5,60	74,282
		6,30	82,915
		7,11	92,723
		3,00	41,623
76,20	76,20	3,35	46,307
		3,75	51,612
		4,25	58,181
		4,75	64,675
		5,30	71,733
		5,60	75,545
		6,30	84,335





Tubos Industriais Quadrados

Bitolas D		Espessura da parede mm	Peso teórico barra 6m
mm	mm		
80,00	80,00	1,50	22,216
		1,90	28,028
		2,00	29,474
		2,25	33,075
		2,65	38,798
		3,00	43,767
		3,35	48,699
		3,75	54,292
		4,25	61,217
		4,75	68,068
		5,30	75,517
		5,60	79,543
		6,30	88,834
		7,11	99,403
8,00	110,792		
9,52	129,710		
90,00	90,00	2,00	33,231
		2,25	37,302
		2,65	43,777
		3,00	49,403
		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	100,671
		7,11	112,763
		8,00	125,825
		8,80	137,366
9,52	147,591		
10,30	158,495		
100,00	100,00	2,00	36,990
		2,25	41,530
		2,65	48,756
		3,00	55,041
		3,35	61,290
		3,75	68,385
		4,25	77,188
		4,75	85,918
		5,30	95,436
		5,60	100,589
		6,30	112,510
		7,11	126,124
		8,00	140,858
		8,80	153,902

Bitolas D		Espessura da parede mm	Peso teórico barra 6m
mm	mm		
100,00	100,00	9,52	165,480
		10,30	177,849
		11,10	190,349
		12,70	214,780
115,00	115,00	4,75	99,30
		5,30	110,374
		5,60	116,373
		6,30	130,268
		7,11	146,164
		8,00	163,407
		8,80	178,706
		9,52	192,313
		10,30	206,881
		11,10	221,636
120,00	120,00	3,00	66,316
		3,35	73,879
		3,75	82,478
		4,25	93,161
		4,75	103,770
		5,30	115,354
		5,60	121,635
		6,30	136,187
		7,11	152,844
		8,00	170,923
125,00	125,00	4,75	108,233
		5,30	120,334
		5,60	126,896
		6,30	142,106
		7,11	159,525
		8,00	178,440
		8,80	195,242
		9,52	210,202
130,00	130,00	10,30	226,236
		11,10	242,494
		12,70	274,441
		3,00	71,952
		3,35	80,173
		3,75	89,525
		4,25	101,147
		4,75	112,695
		5,30	125,313
		5,60	132,157
6,30	148,025		

Bitolas D		Espessura da parede mm	Peso teórico barra 6m		
mm	mm				
130,00	130,00	7,11	166,204		
		8,00	185,956		
		8,80	203,510		
		9,52	219,146		
		10,30	235,913		
		11,10	252,923		
140,00	140,00	12,70	286,374		
		3,00	77,590		
		3,35	86,469		
		3,75	96,572		
		4,25	109,133		
		4,75	121,621		
		5,30	135,272		
		5,60	142,681		
		6,30	159,863		
		7,11	179,565		
140,00	140,00	8,00	200,989		
		8,80	220,046		
		9,52	237,036		
		10,30	255,268		
		11,10	273,781		
		12,70	310,238		
		16,00	383,060		
		150,00	150,00	3,00	83,228
				3,35	92,764
				3,75	103,618
4,25	117,120				
4,75	130,547				
5,30	145,232				
5,60	153,204				
6,30	171,702				
7,11	192,925				
8,00	216,022				
8,80	236,582				
9,52	254,925				
10,30	274,623				
11,10	294,639				
12,70	334,103				
160,00	160,00	4,75	139,473		
		6,30	183,540		
		7,11	206,286		
		8,00	231,054		
		8,80	253,118		
		9,52	272,814		
		10,30	293,977		
		11,10	315,497		