

## PESO BUCHAS DE BRONZE (peso por peça de 500mm)

DIAMETRO	DIAMETRO	PESO POR PEÇA
EXTERNO	INTERNO	DE 500 mm
(pol.)	(pol.)	(kg)
7/8"	1/2"	1,565
7/8"	5/8"	1,28
1"	1/2"	2,136
1"	5/8"	1,851
1"	3/4"	1,494
1.1/8"	1/2"	2,776
1.1/8"	5/8"	2,491
1.1/8"	3/4"	2,134
1.1/8"	7/8"	1,707
1.1/4"	1/2"	3,489
1.1/4"	5/8"	3,204
1.1/4"	3/4"	2,848
1.1/4"	7/8"	2,421
1.1/4"	1"	1,921
1.3/8"	1/2"	4,272
1.3/8"	5/8"	3,987
1.3/8"	3/4"	3,63
1.3/8"	7/8"	3,203
1.3/8"	1"	2,703
1.3/8"	1.1/8"	2,134
1.1/2"	1/2"	5128
1.1/2"	5/8"	4,843
1.1/2"	3/4"	4,486
1.1/2"	7/8"	4,059
1.1/2"	1"	3,559

DIAMETRO	DIAMETRO	PESO POR PEÇA
EXTERNO	INTERNO	DE 500 mm
(pol.)	(pol.)	(kg)
2"	7/8"	8,191
2"	1"	7,692
2"	1.1/8"	7,122
2"	1.1/4"	6,48
2"	1.3/8"	5,768
2"	1.1/2"	4,983
2"	1.5/8"	4,129
2"	1.3/4"	3,201
2.1/8"	1/2"	10,469
2.1/8"	5/8"	10,184
2.1/8"	3/4"	9,827
2.1/8"	7/8"	9,401
2.1/8"	1"	8,901
2.1/8"	1.1/8"	8,332
2.1/8"	1.1/4"	7,689
2.1/8"	1.3/8"	6,978
2.1/8"	1.1/2"	6,192
2.1/8"	1.5/8"	5,339
2.1/8"	1.3/4"	4,411
2.1/4"	1/2"	11,754
2.1/4"	5/8"	11,469
2.1/4"	3/4"	11,112
2.1/4"	7/8"	10,685
2.1/4"	1"	10,185
2.1/4"	1.1/8"	9,616

DIAMETRO	DIAMETRO	PESO POR PEÇA
EXTERNO	INTERNO	DE 500 mm
(pol.)	(pol.)	(kg)
2.1/2"	2.1/8"	5,269
2.5/8"	1/2"	16,026
2.5/8"	5/8"	15,741
2.5/8"	3/4"	15,384
2.5/8"	7/8"	14,957
2.5/8"	1"	14,458
2.5/8"	1.1/8"	13,888
2.5/8"	1.1/4"	13,246
2.5/8"	1.3/8"	12,534
2.5/8"	1.1/2"	11,749
2.5/8"	1.5/8"	10,895
2.5/8"	1.3/4"	9,968
2.5/8"	1.7/8"	8,971
2.5/8"	2"	7,901
2.5/8"	2.1/8"	6,762
2.5/8"	2.1/4"	5,549
2.3/4"	1/2"	17,596
2.3/4"	5/8"	17,311
2.3/4"	3/4"	16,954
2.3/4"	7/8"	16,527
2.3/4"	1"	16,028
2.3/4"	1.1/8"	15,458
2.3/4"	1.1/4"	14,816
2.3/4"	1.3/8"	14,104
2.3/4"	1.1/2"	13,319

1.1/2"	1.1/8"	2,99	2.1/4"	1.1/4"	8,974	2.3/4"	1.5/8"	12,465
1.1/2"	1.1/4"	2,348	2.1/4"	1.3/8"	8,262	2.3/4"	1.3/4"	11,537
1.5/8"	1/2"	6,052	2.1/4"	1.1/2"	7,477	2.3/4"	1.7/8"	10,541
1.5/8"	5/8"	5,768	2.1/4"	1.5/8"	6,623	2.3/4"	2"	9,471
1.5/8"	3/4"	5,411	2.1/4"	1.3/4"	5,695	2.3/4"	2.1/8"	8,332
1.5/8"	7/8"	4,984	2.1/4"	1.7/8"	4,699	2.3/4"	2.1/4"	7,119
1.5/8"	1"	4,484	2.3/8"	1/2"	13,105	2.3/4"	2.3/8"	5,838
1.5/8"	1.1/8"	3,915	2.3/8"	5/8"	12,82	2.7/8"	1/2"	19,232
1.5/8"	1.1/4"	3,272	2.3/8"	3/4"	12,463	2.7/8"	5/8"	18,947
1.5/8"	1.3/8"	2,561	2.3/8"	7/8"	12,036	2.7/8"	3/4"	18,59
1.3/4"	1/2"	7,051	2.3/8"	1"	11,537	2.7/8"	7/8"	18,163
1.3/4"	5/8"	6,767	2.3/8"	1.1/8"	10,967	2.7/8"	1"	17,664
1.3/4"	3/4"	6,41	2.3/8"	1.1/4"	10,325	2.7/8"	1.1/8"	17,094
1.3/4"	7/8"	5,983	2.3/8"	1.3/8"	9,613	2.7/8"	1.1/4"	16,452
1.3/4"	1"	5,483	2.3/8"	1.1/2"	8,828	2.7/8"	1.3/8"	15,74
1.3/4"	1.1/8"	4,914	2.3/8"	1.5/8"	7,974	2.7/8"	1.1/2"	14,955
1.3/4"	1.1/4"	4,271	2.3/8"	1.3/4"	7,047	2.7/8"	1.5/8"	14,101
1.3/4"	1.3/8"	3,56	2.3/8"	1.7/8"	6,05	2.7/8"	1.3/4"	13,173
1.3/4"	1.1/2"	2,775	2.3/8"	2"	4,98	2.7/8"	1.7/8"	12,177
1.7/8"	1/2"	8,118	2.1/2"	1/2"	14,532	2.7/8"	2"	11,107
1.7/8"	5/8"	7,834	2.1/2"	5/8"	14,247	2.7/8"	2.1/8"	9,968
1.7/8"	3/4"	7,477	2.1/2"	3/4"	13,891	2.7/8"	2.1/4"	8,755
1.7/8"	7/8"	7,05	2.1/2"	7/8"	13,464	2.7/8"	2.3/8"	7,474
1.7/8"	1"	6,55	2.1/2"	1"	12,964	2.7/8"	2.1/2"	6,118
1.7/8"	1.1/8"	5,981	2.1/2"	1.1/8"	12,395	3"	1/2"	20,945
1.7/8"	1.1/4"	5,338	2.1/2"	1.1/4"	11,752	3"	5/8"	20,66
1.7/8"	1.3/8"	4,627	2.1/2"	1.3/8"	11,041	3"	3/4"	20,303
1.7/8"	1.1/2"	3,842	2.1/2"	1.1/2"	10,255	3"	7/8"	19,876
1.7/8"	1.5/8"	2,988	2.1/2"	1.5/8"	9,402	3"	1"	19,376

2"	1/2"	9,26
2"	5/8"	8,975
2"	3/4"	8,618

2.1/2"	1.3/4"	8,474
2.1/2"	1.7/8"	7,478
2.1/2"	2"	6,407

3"	1.1/8"	18,807
3"	1.1/4"	18,165
3"	1.3/8"	17,453

### PESO BUCHAS DE BRONZE (peso por peça de 500mm)

DIAMETRO EXTERNO (pol.)	DIAMETRO INTERNO (pol.)	PESO POR PEÇA DE 500 mm (kg)
3"	1.1/2"	16,668
3"	1.5/8"	15,814
3"	1.3/4"	14,886
3"	1.7/8"	13,89
3"	2"	12,819
3"	2.1/8"	11,681
3"	2.1/4"	10,468
3"	2.3/8"	9,187
3"	2.1/2"	7,831
3"	2.5/8"	6,408
3.1/8"	1/2"	22,723
3.1/8"	5/8"	22,438
3.1/8"	3/4"	22,081
3.1/8"	7/8"	21,654
3.1/8"	1"	21,155
3.1/8"	1.1/8"	20,585
3.1/8"	1.1/4"	19,943
3.1/8"	1.3/8"	19,231
3.1/8"	1.1/2"	18,446
3.1/8"	1.5/8"	17,592
3.1/8"	1.3/4"	16,664

DIAMETRO EXTERNO (pol.)	DIAMETRO INTERNO (pol.)	PESO POR PEÇA DE 500 mm (kg)
3.3/8"	1.3/4"	20,44
3.3/8"	1.7/8"	19,444
3.3/8"	2"	18,374
3.3/8"	2.1/8"	17,235
3.3/8"	2.1/4"	16,022
3.3/8"	2.3/8"	14,741
3.3/8"	2.1/2"	13,385
3.3/8"	2.5/8"	11,962
3.3/8"	2.3/4"	10,463
3.3/8"	2.7/8"	8,898
3.1/2"	1/2"	28,497
3.1/2"	5/8"	28,212
3.1/2"	3/4"	27,855
3.1/2"	7/8"	27,428
3.1/2"	1"	26,929
3.1/2"	1.1/8"	26,359
3.1/2"	1.1/4"	25,717
3.1/2"	1.3/8"	25,005
3.1/2"	1.1/2"	24,22
3.1/2"	1.5/8"	23,366
3.1/2"	1.3/4"	22,439

DIAMETRO EXTERNO (pol.)	DIAMETRO INTERNO (pol.)	PESO POR PEÇA DE 500 mm (kg)
3.3/4"	1"	31,132
3.3/4"	1.1/8"	30,563
3.3/4"	1.1/4"	29,921
3.3/4"	1.3/8"	29,209
3.3/4"	1.1/2"	28,424
3.3/4"	1.5/8"	27,57
3.3/4"	1.3/4"	26,642
3.3/4"	1.7/8"	25,646
3.3/4"	2"	24,576
3.3/4"	2.1/8"	23,437
3.3/4"	2.1/4"	22,224
3.3/4"	2.3/8"	20,943
3.3/4"	2.1/2"	19,587
3.3/4"	2.5/8"	18,164
3.3/4"	2.3/4"	16,665
3.3/4"	2.7/8"	15,1
3.3/4"	3"	13,458
3.3/4"	3.1/8"	11,751
3.3/4"	3.1/4"	9,966
3.7/8"	1/2"	34,906
3.7/8"	5/8"	34,621

3.1/8"	1.7/8"	15,668		3.1/2"	1.7/8"	21,442		3.7/8"	3/4"	34,264
3.1/8"	2"	14,598		3.1/2"	2"	20,372		3.7/8"	7/8"	33,837
3.1/8"	2.1/8"	13,459		3.1/2"	2.1/8"	19,233		3.7/8"	1"	33,338
3.1/8"	2.1/4"	12,246		3.1/2"	2.1/4"	18,02		3.7/8"	1.1/8"	32,768
3.1/8"	2.3/8"	10,965		3.1/2"	2.3/8"	16,739		3.7/8"	1.1/4"	32,126
3.1/8"	2.1/2"	9,609		3.1/2"	2.1/2"	15,383		3.7/8"	1.3/8"	31,414
3.1/8"	2.5/8"	8,186		3.1/2"	2.5/8"	13,96		3.7/8"	1.1/2"	30,629
3.1/4"	1/2"	24,578		3.1/2"	2.3/4"	12,461		3.7/8"	1.5/8"	29,775
3.1/4"	5/8"	24,294		3.1/2"	2.7/8"	10,896		3.7/8"	1.3/4"	28,848
3.1/4"	3/4"	23,937		3.1/2"	3"	9,255		3.7/8"	1.7/8"	27,851
3.1/4"	7/8"	23,51		3.5/8"	1/2"	30,56		3.7/8"	2"	26,781
3.1/4"	1"	23,01		3.5/8"	5/8"	30,275		3.7/8"	2.1/8"	25,642
3.1/4"	1.1/8"	22,441		3.5/8"	3/4"	29,918		3.7/8"	2.1/4"	24,429
3.1/4"	1.1/4"	21,798		3.5/8"	7/8"	29,491		3.7/8"	2.3/8"	23,148
3.1/4"	1.3/8"	21,087		3.5/8"	1"	28,992		3.7/8"	2.1/2"	21,792
3.1/4"	1.1/2"	20,302		3.5/8"	1.1/8"	28,422		3.7/8"	2.5/8"	20,369
3.1/4"	1.5/8"	19,448		3.5/8"	1.1/4"	27,78		3.7/8"	2.3/4"	18,87
3.1/4"	1.3/4"	18,52		3.5/8"	1.3/8"	27,068		3.74/8"	2,7/8"	17,305
3.1/4"	1.7/8"	17,524		3.5/8"	1.1/2"	26,283		3.7/8"	3"	15,664
3.1/4"	2"	16,453		3.5/8"	1.5/8"	25,429		3.7/8"	3.1/8"	13,956
3.1/4"	2.1/8"	15,315		3.5/8"	1.3/4"	24,501		3.7/8"	3.1/4"	12,172
3.1/4"	2.1/4"	14,101		3.5/8"	1.7/8"	23,505		3.7/8"	3.3/8"	10,322
3.1/4"	2.3/8"	12,821		3.5/8"	2"	22,435		4"	1/2"	37,19
3.1/4"	2.1/2"	11,464		3.5/8"	2.1/8"	21,296		4"	5/8"	36,905
3.1/4"	2.5/8"	10,041		3.5/8"	2.1/4"	20,083		4"	3/4"	36,548
3.1/4"	2.3/4"	8,543		3.5/8"	2.3/8"	18,802		4"	7/8"	36,121
3.3/8"	1/2"	26,499		3.5/8"	2.1/2"	17,446		4"	1"	35,621
3.3/8"	5/8"	26,214		3.5/8"	2.5/8"	16,023		4"	1.1/8"	35,052
3.3/8"	3/4"	25,857		3.5/8"	2.3/4"	14,524		4"	1.1/4"	34,41

3.3/8"	7/8"	25,43		3.5/8"	2.7/8"	12,959		4"	1.3/8"	33,698
3.3/8"	1"	24,931		3.5/8"	3"	11,317		4"	1.1/2"	32,913
3.3/8"	1.1/8"	24,361		3.5/8"	3.1/8"	0,61		4"	1.5/8"	32,059
3.3/8"	1.1/4"	23,719		3.3/4"	1/2"	32,701		4"	1.3/4"	31,131
3.3/8"	1.3/8"	23,007		3.3/4"	5/8"	32,416		4"	1.7/8"	30,135
3.3/8"	1.1/2"	22,222		3.3/4"	3/4"	32,059		4"	2"	29,064
3.3/8"	1.5/8"	21,368		3.3/4"	7/8"	31,632		4"	2.1/8"	27,926

### PESO BUCHAS DE BRONZE (peso por peça de 500mm)

DIAMETRO	DIAMETRO	PESO POR PEÇA		DIAMETRO	DIAMETRO	PESO POR PEÇA		DIAMETRO	DIAMETRO	PESO POR PEÇA
EXTERNO	INTERNO	DE 500 mm		EXTERNO	INTERNO	DE 500 mm		EXTERNO	INTERNO	DE 500 mm
(pol.)	(pol.)	(kg)		(pol.)	(pol.)	(kg)		(pol.)	(pol.)	(kg)
4"	2.1/4"	26,713		4.1/4"	3"	22,721		4.1/2"	3.5/8"	18,519
4"	2.3/8"	25,432		4.1/4"	3.1/8"	21,013		4.1/2"	3.3/4"	16,449
4"	2.1/2"	24,076		4.1/4"	3.1/4"	19,229		4.1/2"	3.7/8"	14,315
4"	2.5/8"	22,653		4.1/4"	3.3/8"	17,379		4.1/2"	4"	12,102
4"	2.3/4"	21,154		4.1/4"	3.1/2"	15,452		4.5/8"	1"	48,086
4"	2.7/8"	19,589		4.1/4"	3.5/8"	13,46		4.5/8"	1.1/8"	47,517
4"	3"	17,947		4.1/4"	3.3/4"	11,39		4.5/8"	1.1/4"	46,874
4"	3.1/8"	16,24		4.1/4"	3.7/8"	9,256		4.5/8"	1.3/8"	46,163
4"	3.1/4"	14,455		4.3/8"	1/2"	44,453		4.5/8"	1.1/2"	45,378
4"	3.3/8"	12,605		4.3/8"	5/8"	44,168		4.5/8"	1.5/8"	44,524
4"	3.1/2"	10,678		4.3/8"	3/4"	43,811		4.5/8"	1.3/4"	43,596
4.1/8"	1/2"	39,537		4.3/8"	7/8"	43,385		4.5/8"	1.7/8"	42,6
4.1/8"	5/8"	39,252		4.3/8"	1"	42,855		4.5/8"	2"	41,529
4.1/8"	3/4"	38,895		4.3/8"	1.1/8"	42,316		4.5/8"	2.1/8"	40,391
4.1/8"	7/8"	38,468		4.3/8"	1.1/4"	41,673		4.5/8"	2.1/4"	39,177
4.1/8"	1"	37,969		4.3/8"	1.3/8"	40,962		4.5/8"	2.3/8"	37,897
4.1/8"	1.1/8"	37,399		4.3/8"	1.1/2"	40,176		4.5/8"	2.1/2"	36,54

4.1/8"	1.1/4"	36,757		4.3/8"	1.5/8"	39,323		4.5/8"	2.5/8"	35,117
4.1/8"	1.3/8"	36,046		4.3/8"	1.3/4"	38,395		4.5/8"	2.3/4"	33,619
4.1/8"	1.1/2"	35,26		4.3/8"	1.7/8"	37,399		4.5/8"	2.7/8"	32,053
4.1/8"	1.5/8"	34,407		4.3/8"	2"	36,328		4.5/8"	3"	30,412
4.1/8"	1.3/4"	33,479		4.3/8"	2.1/8"	35,19		4.5/8"	3.1/8"	28,704
4.1/8"	1.7/8"	32,482		4.3/8"	2.1/4"	33,976		4.5/8"	3.1/4"	26,92
4.1/8"	2"	31,412		4.3/8"	2.3/8"	32,695		4.5/8"	3.3/8"	25,07
4.1/8"	2.1/8"	30,273		4.3/8"	2.1/2"	31,339		4.5/8"	3.1/2"	23,143
4.1/8"	2.1/4"	26,06		4.3/8"	2.5/8"	29,916		4.5/8"	3.5/8"	21,151
4.1/8"	2.3/8"	27,779		4.3/8"	2.3/4"	28,418		4.5/8"	3.3/4"	19,081
4.1/8"	2.1/2"	26,423		4.3/8"	2.7/8"	26,852		4.5/8"	3.7/8"	16,947
4.1/8"	2.5/8"	25		4.3/8"	3"	25,211		4.5/8"	4"	14,734
4.1/8"	2.3/4"	23,501		4.3/8"	3.1/8"	23,503		4.5/8"	4.1/8"	12,457
4.1/8"	2.7/8"	21,936		4.3/8"	3.1/4"	21,719		4.3/4"	1"	50,798
4.1/8"	3"	20,295		4.3/8"	3.3/8"	19,869		4.3/4"	1.1/8"	50,228
4.1/8"	3.1/8"	18,587		4.3/8"	3.1/2"	17,942		4.3/4"	1.1/4"	49,586
4.1/8"	3.1/4"	16,803		4.3/8"	3.5/8"	15,95		4.3/4"	1.3/8"	48,874
4.1/8"	3.3/8"	14,953		4.3/8"	3.3/4"	13,88		4.3/4"	1.1/2"	48,089
4.1/8"	3.1/2"	13,026		4.3/8"	3.7/8"	11,746		4.3/4"	1.5/8"	47,235
4.1/8"	3.5/8"	11,034		4.1/2"	1"	45,454		4.3/4"	1.3/4"	46,308
4.1/4"	1/2"	41,963		4.1/2"	1.1/8"	44,885		4.3/4"	1.7/8"	45,311
4.1/4"	5/8"	41,679		4.1/2"	1.1/4"	44,242		4.3/4"	2"	44,241
4.1/4"	3/4"	41,322		4.1/2"	1.3/8"	43,531		4.3/4"	2.1/8"	43,102
4.1/4"	7/8"	40,895		4.1/2"	1.1/2"	42,745		4.3/4"	2.1/4"	41,889
4.1/4"	1"	40,395		4.1/2"	1.5/8"	41,892		4.3/4"	2.3/8"	40,608
4.1/4"	1.1/8"	39,826		4.1/2"	1.3/4"	40,964		4.3/4"	2.1/2"	39,252
4.1/4"	1.1/4"	39,183		4.1/2"	1.7/8"	39,968		4.3/4"	2.5/8"	37,829
4.1/4"	1.3/8"	38,472		4.1/2"	2"	38,897		4.3/4"	2.3/4"	36,33
4.1/4"	1.1/2"	37,687		4.1/2"	2.1/8"	37,759		4.3/4"	2.7/8"	34,765

4.1/4"	1.5/8"	36,833		4.1/2"	2.1/4"	36,545		4.3/4"	3"	33,124
4.1/4"	1.3/4"	35,905		4.1/2"	2.3/8"	35,264		4.3/4"	3.1/8"	31,416
4.1/4"	1.7/8"	34,909		4.1/2"	2.1/2"	33,908		4.3/4"	3.1/4"	29,632
4.1/4"	2"	33,838		4.1/2"	2.5/8"	32,485		4.3/4"	3.3/8"	27,782
4.1/4"	2.1/8"	32,7		4.1/2"	2.3/4"	30,987		4.3/4"	3.1/2"	25,855
4.1/4"	2.1/4"	31,486		4.1/2"	2.7/8"	29,421		4.3/4"	3.5/8"	23,863
4.1/4"	2.3/8"	30,206		4.1/2"	3"	27,78		4.3/4"	3.3/4"	21,793
4.1/4"	2.1/2"	28,85		4.1/2"	3.1/8"	26,072		4.3/4"	3.7/8"	19,658
4.1/4"	2.5/8"	27,427		4.1/2"	3.1/4"	24,288		4.3/4"	4"	17,446
4.1/4"	2.3/4"	25,928		4.1/2"	3.3/8"	22,438		4.3/4"	4.1/8"	15,169
4.1/4"	2.7/8"	24,362		4.1/2"	3.1/2"	20,511		4.3/4"	4.1/4"	12,814

### PESO BUCHAS DE BRONZE (peso por peça de 500mm)

DIAMETRO EXTERNO (pol.)	DIAMETRO INTERNO (pol.)	PESO POR PEÇA DE 500 mm (kg)		DIAMETRO EXTERNO (pol.)	DIAMETRO INTERNO (pol.)	PESO POR PEÇA DE 500 mm (kg)		DIAMETRO EXTERNO (pol.)	DIAMETRO INTERNO (pol.)	PESO POR PEÇA DE 500 mm (kg)
4.7/8"	1"	53,572		5.1/8"	1"	59,343		5.1/4"	4.1/2"	19,44
4.7/8"	1.1/8"	53,003		5.1/8"	1.1/8"	58,774		5.1/4"	4.5/8"	16,878
4.7/8"	1.1/4"	52,36		5.1/8"	1.1/4"	58,132		5.1/4"	4.3/4"	14,238
4.7/8"	1.3/8"	51,649		5.1/8"	1.3/8"	57,42		5.3/8"	1"	65,399
4.7/8"	1.1/2"	50,864		5.1/8"	1.1/2"	56,635		5.3/8"	1.1/4"	64,188
4.7/8"	1.5/8"	50,01		5.1/8"	1.5/8"	55,781		5.3/8"	1.3/8"	63,476
4.7/8"	1.3/4"	49,082		5.1/8"	1.3/4"	54,853		5.3/8"	1.1/2"	62,691
4.7/8"	1.7/8"	48,086		5.1/8"	1.7/8"	53,857		5.3/8"	1.5/8"	61,837
4.7/8"	2"	47,015		5.1/8"	2"	52,786		5.3/8"	1.3/4"	60,909
4.7/8"	2.1/8"	45,877		5.1/8"	2.1/8"	51,648		5.3/8"	1.7/8"	59,913
4.7/8"	2.1/4"	44,663		5.1/8"	2.1/4"	50,435		5.3/8"	2"	58,843
4.7/8"	2.3/8"	43,379		5.1/8"	2.3/8"	49,154		5.3/8"	2.1/8"	57,704
4.7/8"	2.1/2"	42,027		5.1/8"	2.1/2"	47,798		5.3/8"	2.1/4"	56,491

4.7/8"	2.5/8"	40,604		5.1/8"	2.5/8"	46,375		5.3/8"	2.3/8"	55,21
4.7/8"	2.3/4"	39,105		5.1/8"	2.3/4"	44,876		5.3/8"	2.1/2"	53,854
4.7/8"	2.7/8"	37,54		5.1/8"	2.7/8"	43,311		5.3/8"	2.5/8"	52,431
4.7/8"	3"	35,898		5.1/8"	3"	41,669		5.3/8"	2.3/4"	50,932
4.7/8"	3.1/8"	34,19		5.1/8"	3.1/8"	39,962		5.3/8"	2.7/8"	49,367
4.7/8"	3.1/4"	32,406		5.1/8"	3.1/4"	38177		5.3/8"	3"	47,725
4.7/8"	3.3/8"	30,556		5.1/8"	3.3/8"	36,327		5.3/8"	3.1/8"	46,018
4.7/8"	3.1/2"	28,629		5.1/8"	3.1/2"	34,4		5.3/8"	3.1/4"	44,233
4.7/8"	3.5/8"	26,637		5.1/8"	3.5/8"	32,408		5.3/8"	3.3/8"	42,384
4.7/8"	3.3/4"	24,567		5.1/8"	3.3/4"	30,338		5.3/8"	3.1/2"	40,457
4.7/8"	3.7/8"	22,433		5.1/8"	3.7/8"	28,204		5.3/8"	3.5/8"	38,464
4.7/8"	4"	20,22		5.1/8"	4"	25,991		5.3/8"	3.3/4"	36,395
4.7/8"	4.1/8"	17,944		5.1/8"	4.1/8"	23,715		5.3/8"	3.7/8"	34,26
4.7/8"	4.1/4"	15,588		5.1/8"	4.1/4"	21,359		5.3/8"	4"	32,048
4.7/8"	4.3/8"	13,169		5.1/8"	4.3/8"	18,94		5.3/8"	4.1/8"	29,771
5"	1"	56,427		5.1/8"	4.1/2"	16,442		5.3/8"	4.1/4"	27,416
5"	1.1/8"	55,857		5.1/8"	4.5/8"	13,881		5.3/8"	4.3/8"	24,997
5"	1.1/4"	55,215		5.1/4"	1"	62,341		5.3/8"	4.1/2"	22,499
5"	1.3/8"	54,503		5.1/4"	1.1/4"	61,129		5.3/8"	4.5/8"	19,937
5"	1.1/2"	53,718		5.1/4"	1.3/8"	60,417		5.3/8"	4.3/4"	17,297
5"	1.5/8"	52,864		5.1/4"	1.1/2"	59,632		5.3/8"	4.7/8"	14,593
5"	1.3/4"	51,936		5.1/4"	1.5/8"	58,778		5.1/2"	1"	68,539
5"	1.7/8"	50,94		5.1/4"	1.3/4"	57,85		5.1/2"	1.1/4"	67,328
5"	2"	49,87		5.1/4"	1.7/8"	56,854		5.1/2"	1.3/8"	66,616
5"	2.1/8"	48,731		5.1/4"	2"	55,784		5.1/2"	1.1/2"	65,831
5"	2.1/4"	47,518		5.1/4"	2.1/8"	54,645		5.1/2"	1.5/8"	64,977
5"	2.3/8"	46,237		5.1/4"	2.1/4"	53,432		5.1/2"	1.3/4"	64,049
5"	2.1/2"	44,881		5.1/4"	2.3/8"	52,151		5.1/2"	1.7/8"	63,053
5"	2.5/8"	43,458		5.1/4"	2.1/2"	50,795		5.1/2"	2"	61,983



5"	2.3/4"	41,959		5.1/4"	2.5/8"	49,372		5.1/2"	2.1/8"	60,844
5"	2.7/8"	40,394		5.1/4"	2.3/4"	47,873		5.1/2"	2.1/4"	59,631
5"	3"	38,752		5.1/4"	2.7/8"	46,308		5.1/2"	2.3/8"	58,35
5"	3.1/8"	37,045		5.1/4"	3"	44,666		5.1/2"	2.1/2"	56,994
5"	3.1/4"	35,261		5.1/4"	3.1/8"	42,959		5.1/2"	2.5/8"	55,571
5"	3.3/8"	33,411		5.1/4"	3.1/4"	41,174		5.1/2"	2.3/4"	54,072
5"	3.1/2"	31,484		5.1/4"	3.3/8"	39,325		5.1/2"	3"	50,865
5"	3.5/8"	29,492		5.1/4"	3.1/2"	37,398		5.1/2"	3.1/4"	47,373
5"	3.3/4"	27,422		5.1/4"	3.5/8"	35,405		5.1/2"	3.3/8"	45,524
5"	3.7/8"	25,287		5.1/4"	3.3/4"	33,336		5.1/2"	3.1/2"	43,596
5"	4"	23,075		5.1/4"	3.7/8"	31,201		5.1/2"	3.5/8"	41,604
5"	4.1/8"	20,798		5.1/4"	4"	28,989		5.1/2"	3.3/4"	39,535
5"	4.1/4"	18,443		5.1/4"	4.1/8"	26,712		5.1/2"	3.7/8"	37,4
5"	4.3/8"	16,024		5.1/4"	4.1/4"	24,357		5.1/2"	4"	35,188
5"	4.1/2"	13,526		5.1/4"	4.3/8"	21,938		5.1/2"	4.1/4"	30,556

### PESO BUCHAS DE BRONZE (peso por peça de 500mm)

DIAMETRO EXTERNO (pol.)	DIAMETRO INTERNO (pol.)	PESO POR PEÇA DE 500 mm (kg)	DIAMETRO EXTERNO (pol.)	DIAMETRO INTERNO (pol.)	PESO POR PEÇA DE 500 mm (kg)	DIAMETRO EXTERNO (pol.)	DIAMETRO INTERNO (pol.)	PESO POR PEÇA DE 500 mm (kg)
5.1/2"	4.3/8"	28,137	5.3/4"	3.7/8"	43,884	6"	4.3/8"	41,39
5.1/2"	4.1/2"	25,639	5.3/4"	4"	41,672	6"	4.1/2"	38,892
5.1/2"	4.5/8"	23,077	5.3/4"	4.1/8"	39,395	6"	4.5/8"	36,33
5.1/2"	4.3/4"	20,437	5.3/4"	4.1/4"	37,04	6"	4.3/4"	33,69
5.1/2"	4.7/8"	17,733	5.3/4"	4.3/8"	34,621	6"	4.7/8"	30,986
5.1/2"	5"	14,95	5.3/4"	4.1/2"	32,123	6"	5"	28,203
5.5/8"	1"	71,741	5.3/4"	4.5/8"	29,561	6"	5.1/8"	25,357
5.5/8"	1.1/4"	70,529	5.3/4"	4.3/4"	26,921	6"	5.1/4"	22,43
5.5/8"	1.3/8"	69,817	5.3/4"	4.7/8"	24,217	6"	5.3/8"	19,442

5.5/8"	1.1/2"	69,032		5.3/4"	5"	21,434		6"	5.1/2"	16,373
5.5/8"	1.5/8"	68,178		5.3/4"	5.1/8"	18,588		6.1/4"	2"	82,289
5.5/8"	1.3/4"	67,251		5.3/4"	5.1/4"	15,661		6.1/4"	2.1/4"	79,938
5.5/8"	1.7/8"	66,254		5.7/8"	2"	71,81		6.1/4"	2.1/2"	77,301
5.5/8"	2"	65,184		5.7/8"	2.1/4"	69,458		6.1/4"	2.3/4"	74,379
5.5/8"	2.1/8"	64,045		5.7/8"	2.3/8"	68,178		6.1/4"	3"	71,172
5.5/8"	2.1/4"	62,832		5.7/8"	2.1/2"	66,821		6.1/4"	3.1/4"	67,68
5.5/8"	2.3/8"	61,551		5.7/8"	2.5/8"	65,398		6.1/4"	3.1/2"	63,903
5.5/8"	2.1/2"	60,195		5.7/8"	2.3/4"	63,9		6.1/4"	3.3/4"	59,841
5.5/8"	2.5/8"	58,772		5.7/8"	2.7/8"	62,334		6.1/4"	4"	55,495
5.5/8"	2.3/4"	57,273		5.7/8"	3"	60,693		6.1/4"	4.1/4"	50,863
5.5/8"	3"	54,067		5.7/8"	3.1/8"	58,985		6.1/4"	4.1/2"	45,946
5.5/8"	3.1/4"	50,575		5.7/8"	3.1/4"	57,201		6.1/4"	4.3/4"	40,744
5.5/8"	3.3/8"	48,725		5.7/8"	3.1/2"	53,424		6.1/4"	5"	35,257
5.5/8"	3.1/2"	46,798		5.7/8"	3.5/8"	51,432		6.1/4"	5.1/4"	29,484
5.5/8"	3.5/8"	44,806		5.7/8"	3.3/4"	49,362		6.1/4"	5.1/2"	23,427
5.5/8"	3.3/4"	42,736		5.7/8"	3.7/8"	47,228		6.1/2"	2"	89,628
5.5/8"	3.7/8"	40,601		5.7/8"	4"	45,015		6.1/2"	2.1/4"	87,277
5.5/8"	4"	38,389		5.7/8"	4.1/8"	42,738		6.1/2"	2.1/2"	84,64
5.5/8"	4.1/4"	33,757		5.7/8"	4.1/4"	40,383		6.1/2"	2.3/4"	81,718
5.5/8"	4.3/8"	31,338		5.7/8"	4.3/8"	37,964		6.1/2"	3"	78,511
5.5/8"	4.1/2"	28,84		5.7/8"	4.1/2"	35,466		6.1/2"	3.1/4"	75,019
5.5/8"	4.5/8"	26,279		5.7/8"	4.5/8"	32,905		6.1/2"	3.1/2"	71,242
5.5/8"	4.3/4"	23,638		5.7/8"	4.3/4"	30,264		6.1/2"	3.3/4"	67,181
5.5/8"	4.7/8"	20,934		5.7/8"	4.7/8"	27,561		6.1/2"	4"	62,834
5.5/8"	5"	18,151		5.7/8"	5"	24,777		6.1/2"	4.1/4"	58,202
5.3/4"	1"	75,023		5.7/8"	5.1/8"	21,931		6.1/2"	4.1/2"	53,285
5.3/4"	1.1/4"	73,812		5.7/8"	5.1/4"	19,005		6.1/2"	4.3/4"	48,083
5.3/4"	1.3/8"	73,1		5.7/8"	5.3/8"	16,017		6.1/2"	5"	42,596

5.3/4"	1.1/2"	72,315		6"	2"	75,235		6.1/2"	5.1/4"	36,823
5.3/4"	1.5/8"	71,461		6"	2.1/8"	74,097		6.1/2"	5.1/2"	30,766
5.3/4"	1.3/4"	70,533		6"	2.1/4"	72,884		6.1/2"	5.3/4"	24,424
5.3/4"	1.7/8"	69,537		6"	2.3/8"	71,603		6.1/2"	6"	17,797
5.3/4"	2"	68,466		6"	2.1/2"	70,247		6.3/4"	2"	97,253
5.3/4"	2.1/8"	67,328		6"	2.5/8"	68,824		6.3/4"	2.1/4"	94,901
5.3/4"	2.1/4"	66,115		6"	2.3/4"	67,325		6.3/4"	2.1/2"	92,264
5.3/4"	2.3/8"	64,834		6"	2.7/8"	65,76		6.3/4"	2.3/4"	89,342
5.3/4"	2.1/2"	63,478		6"	3"	64,118		6.3/4"	3"	86,135
5.3/4"	2.5/8"	62,055		6"	3.1/8"	62,411		6.3/4"	3.1/4"	82,643
5.3/4"	2.3/4"	60,556		6"	3.1/4"	60,626		6.3/4"	3.1/2"	78,866
5.3/4"	2.7/8"	58,991		6"	3.3/8"	58,776		6.3/4"	3.3/4"	74,805
5.3/4"	3"	57,349		6"	3.1/2"	56,849		6.3/4"	4"	70,458
5.3/4"	3.1/8"	55,642		6"	3.5/8"	54,857		6.3/4"	4.1/4"	65,826
5.3/4"	3.1/4"	53,857		6"	3.3/4"	52,787		6.3/4"	4.1/2"	60,909
5.3/4"	3.3/8"	52,007		6"	3.7/8"	50,653		6.3/4"	4.3/4"	55,707
5.3/4"	3.1/2"	50,08		6"	4"	48,441		6.3/4"	5"	50,22
5.3/4"	3.5/8"	48,088		6"	4.1/8"	46,164		6.3/4"	5.1/4"	44,448
5.3/4"	3.3/4"	46,019		6"	4.1/4"	43,809		6.3/4"	5.1/2"	38,39

### PESO BUCHAS DE BRONZE (peso por peça de 500mm)

DIAMETRO EXTERNO (pol.)	DIAMETRO INTERNO (pol.)	PESO POR PEÇA DE 500 mm (kg)	DIAMETRO EXTERNO (pol.)	DIAMETRO INTERNO (pol.)	PESO POR PEÇA DE 500 mm (kg)	DIAMETRO EXTERNO (pol.)	DIAMETRO INTERNO (pol.)	PESO POR PEÇA DE 500 mm (kg)
6.3/4"	5.3/4"	32,048	9"	5"	131,662	11.1/2"	4.1/2"	259,92
6.3/4"	6"	25,421	9"	5.1/2"	119,833	11.1/2"	5"	249,231
7"	2"	105,162	9"	6"	106,864	11.1/2"	5.1/2"	237,402
7"	2.1/4"	102,81	9"	6.1/2"	92,754	11.1/2"	6"	224,433
7"	2.1/2"	100,173	9"	7"	77,505	11.1/2"	6.1/2"	210,323

7"	2.3/4"	97,251		9"	7.1/2"	61,115		11.1/2"	7"	195,074
7"	3"	94,044		9"	8"	43,586		11.1/2"	7.1/2"	178,684
7"	3.1/4"	90,552		9.1/2"	4"	173,134		11.1/2"	8"	161,155
7"	3.1/2"	86,776		9.1/2"	4.1/2"	163,585		11.1/2"	8.1/2"	142,485
7"	3.3/4"	82,714		9.1/2"	5"	152,896		12"	4"	296,403
7"	4"	78,367		9.1/2"	5.1/2"	141,066		12"	4.1/2"	286,854
7"	4.1/4"	73,735		9.1/2"	6"	128,097		12"	5"	276,165
7"	4.1/2"	68,818		9.1/2"	6.1/2"	113,988		12"	5.1/2"	264,336
7"	4.3/4"	63,616		9.1/2"	7"	98,738		12"	6"	251,367
7"	5"	58,129		9.1/2"	7.1/2"	82,349		12"	6.1/2"	237,257
7"	5.1/4"	52,357		9.1/2"	8"	64,819		12"	7"	222,008
7"	5.1/2"	46,3		9.1/2"	8.1/2"	46,15		12"	7.1/2"	205,618
7"	5.3/4"	39,957		10"	4"	195,507		12"	8"	188,089
7"	6"	33,33		10"	4.1/2"	185,958		12"	8.1/2"	169,419
7"	6.1/2"	19,221		10"	5"	175,269		12"	9"	149,609
7.1/2"	3"	110,718		10"	5.1/2"	163,44		12"	9.1/2"	128,659
7.1/2"	3.1/2"	103,449		10"	6"	150,471		12"	10"	106,569
7.1/2"	4"	95,04		10"	6.1/2"	136,362		12"	10.1/2"	83,339
7.1/2"	4.1/2"	85,491		10"	7"	121,112		12"	11"	58,969
7.1/2"	5"	74,802		10"	7.1/2"	104,723		13"	5"	333,453
7.1/2"	5.1/2"	62,973		10"	8"	87,193		13"	6"	308,655
7.1/2"	6"	50,003		10"	9"	48,713		13"	7"	279,296
7.1/2"	6.1/2"	35,894		10.1/2"	4"	219,021		13"	8"	245,377
7.1/2"	6.3/4"	28,412		10.1/2"	4.1/2"	209,472		13"	9"	206,898
8"	3"	128,531		10.1/2"	5"	198,783		13"	10"	163,858
8"	3.1/2"	121,262		10.1/2"	5.1/2"	186,954		13"	11"	116,257
8"	4"	112,853		10.1/2"	6"	173,985		13"	12"	64,097
8"	4.1/2"	103,304		10.1/2"	6.1/2"	159,875		14"	5"	395,302
8"	5"	92,615		10.1/2"	7"	144,626		14"	6"	370,504

8"	5.1/2"	80,786		10.1/2"	7.1/2"	128,236		14"	7"	341,145
8"	6"	67,817		10.1/2"	8"	110,707		14"	8"	307,226
8"	6.1/2"	53,707		10.1/2"	9"	72,227		14"	9"	268,746
8"	7"	38,458		10.1/2"	9.1/2"	51,277		14"	10"	225,706
8.1/2"	3"	147,484		11"	4"	243,675		14"	11"	178,106
8.1/2"	3.1/2"	140,215		11"	4.1/2"	234,126		14"	12"	125,945
8.1/2"	4"	131,807		11"	5"	223,437		14"	13"	69,224
8.1/2"	4.1/2"	122,258		11"	5.1/2"	211,608		15"	5"	461,711
8.1/2"	5"	111,569		11"	6"	198,639		15"	6"	436,913
8.1/2"	5.1/2"	99,739		11"	6.1/2"	184,529		15"	7"	407,554
8.1/2"	6"	86,77		11"	7"	169,28		15"	8"	373,635
8.1/2"	6.1/2"	72,661		11"	7.1/2"	152,89		15"	9"	335,155
8.1/2"	7"	57,411		11"	8"	135,361		15"	10"	292,116
8.1/2"	7.1/2"	41,022		11"	8.1/2"	116,691		15"	11"	244,515
9"	3"	167,578		11"	9"	96,881		15"	12"	192,355
9"	4"	151,9		11"	10"	53,841		15"	13"	135,634
9"	4.1/2"	142,351		11.1/2"	4"	269,469		15"	14"	74,352