

A PRACTICAL GUIDE FROM BOYD METALS

MEASUREMENT CONVERSION

FRACTION TO DECIMAL
FRACTION TO MM
MM TO DECIMAL



FRACTION TO DECIMAL/MM CONVERSION

		Decimal	mm
	$\frac{1}{64}$	0.0156	0.397
$\frac{1}{32}$	$\frac{3}{64}$	0.0469	1.191
$\frac{1}{16}$	$\frac{5}{64}$	0.0781	1.984
	$\frac{7}{64}$	0.1094	2.778
$\frac{1}{8}$	$\frac{9}{64}$	0.1406	3.572
	$\frac{11}{64}$	0.1719	4.366
$\frac{3}{16}$	$\frac{13}{64}$	0.2031	5.159
	$\frac{15}{64}$	0.2344	5.953
$\frac{1}{4}$	$\frac{17}{64}$	0.2656	6.747
	$\frac{19}{64}$	0.2969	7.541
$\frac{5}{16}$	$\frac{21}{64}$	0.3281	8.334
	$\frac{23}{64}$	0.3594	9.128
$\frac{3}{8}$	$\frac{25}{64}$	0.3906	9.922
	$\frac{27}{64}$	0.4219	10.716
$\frac{7}{16}$	$\frac{29}{64}$	0.4531	11.509
	$\frac{31}{64}$	0.4844	12.303
$\frac{1}{2}$		0.5	12.7

		Decimal	mm
	$\frac{33}{64}$	0.5156	13.097
$\frac{17}{32}$	$\frac{35}{64}$	0.5469	13.891
$\frac{9}{16}$	$\frac{37}{64}$	0.5781	14.684
	$\frac{39}{64}$	0.5938	15.081
$\frac{5}{8}$	$\frac{41}{64}$	0.6094	15.478
	$\frac{43}{64}$	0.625	15.875
$\frac{21}{32}$	$\frac{45}{64}$	0.6406	16.272
	$\frac{47}{64}$	0.6563	16.669
$\frac{11}{16}$	$\frac{49}{64}$	0.6719	17.066
	$\frac{51}{64}$	0.6875	17.463
$\frac{23}{32}$	$\frac{53}{64}$	0.7031	17.859
	$\frac{55}{64}$	0.7188	18.256
$\frac{3}{4}$	$\frac{57}{64}$	0.7344	18.653
	$\frac{59}{64}$	0.75	19.05
$\frac{25}{32}$	$\frac{61}{64}$	0.7656	19.447
	$\frac{63}{64}$	0.7813	19.844
$\frac{13}{16}$		0.7969	20.241
		0.8125	20.638
$\frac{27}{32}$		0.8281	21.034
		0.8438	21.431
$\frac{7}{8}$		0.8594	21.828
		0.875	22.225
$\frac{29}{32}$		0.8906	22.622
		0.9063	23.019
$\frac{15}{16}$		0.9219	23.416
		0.9375	23.813
$\frac{31}{32}$		0.9531	24.209
		0.9688	24.606
1		0.9844	25.003
		1.0	25.4

MM TO DECIMAL CONVERSION

mm	Decimal
1	0.0394
2	0.0787
3	0.1181
4	0.1575
5	0.1969
6	0.2362
7	0.2756
8	0.3150
9	0.3543
10	0.3937
11	0.4331
12	0.4724
13	0.5118
14	0.5512
15	0.5906
16	0.6299
17	0.6693
18	0.7087
19	0.7480
20	0.7874
21	0.8268
22	0.8661
23	0.9055
24	0.9449
25	0.9843

mm	Decimal
26	1.0236
27	1.0630
28	1.1024
29	1.1417
30	1.1811
31	1.2205
32	1.2598
33	1.2992
34	1.3386
35	1.3780
36	1.4173
37	1.4567
38	1.4961
39	1.5354
40	1.5748
41	1.6142
42	1.6535
43	1.6929
44	1.7323
45	1.7717
46	1.8110
47	1.8504
48	1.8898
49	1.9291
50	1.9685

mm	Decimal
51	2.0079
52	2.0472
53	2.0866
54	2.1260
55	2.1654
56	2.2047
57	2.2441
58	2.2835
59	2.3228
60	2.3622
61	2.4016
62	2.4409
63	2.4803
64	2.5197
65	2.5591
66	2.5984
67	2.6378
68	2.6772
69	2.7165
70	2.7559
71	2.7953
72	2.8346
73	2.8740
74	2.9134
75	2.9528

mm	Decimal
76	2.9921
77	3.0315
78	3.0709
79	3.1102
80	3.1496
81	3.1890
82	3.2283
83	3.2677
84	3.3071
85	3.3465
86	3.3858
87	3.4252
88	3.4646
89	3.5039
90	3.5433
91	3.5827
92	3.6220
93	3.6614
94	3.7008
95	3.7402
96	3.7795
97	3.8189
98	3.8583
99	3.8976
100	3.9370



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