

Concrete Masonry Units

English/Metric Equivalents Soft Conversions

These tables provide the modular measurements for concrete masonry units having a 7-5/8" x 15-5/8" (194mm x 397 mm) face size, with 3/8" (10mm) mortar joints. The nominal size is 8" x 16" (203mm x 406mm).

No. of Units	Height ^{1, 2, 3}	
	English (ft/in)	Metric (mm)
1	8"	203
2	1'-4"	406
3	2'-0"	610
4	2'-8"	813
5	3'-4"	1016
6	4'-0"	1219
7	4'-8"	1422
8	5'-4"	1626
9	6'-0"	1829
10	6'-8"	2032
11	7'-4"	2235
12	8'-0"	2438
13	8'-8"	2642
14	9'-4"	2845
15	10'-0"	3048
16	10'-8"	3251
17	11'-4"	3454
18	12'-0"	3658
19	12'-8"	3861
20	13'-4"	4064
21	14'-0"	4267
22	14'-8"	4470
23	15'-4"	4674
24	16'-0"	4877
25	16'-8"	5080
26	17'-4"	5283
27	18'-0"	5486
28	18'-8"	5690
29	19'-4"	5893
30	20'-0"	6096

No. of Units	Length ¹	
	English (ft/in)	Metric (mm)
1/2	8"	203
1	1'-4"	406
1-1/2	2'-0"	610
2	2'-8"	813
2-1/2	3'-4"	1016
3	4'-0"	1219
3-1/2	4'-8"	1422
4	5'-4"	1626
4-1/2	6'-0"	1829
5	6'-8"	2032
5-1/2	7'-4"	2235
6	8'-0"	2438
6-1/2	8'-8"	2642
7	9'-4"	2845
7-1/2	10'-0"	3048
8	10'-8"	3251
8-1/2	11'-4"	3454
9	12'-0"	3658
9-1/2	12'-8"	3861
10	13'-4"	4064
10-1/2	14'-0"	4267
11	14'-8"	4470
11-1/2	15'-4"	4674
12	16'-0"	4877
12-1/2	16'-8"	5080
13	17'-4"	5283
13-1/2	18'-0"	5486
14	18'-8"	5690
14-1/2	19'-4"	5893
15	20'-0"	6096

See other side for notes

**Concrete Masonry Association
of California and Nevada**

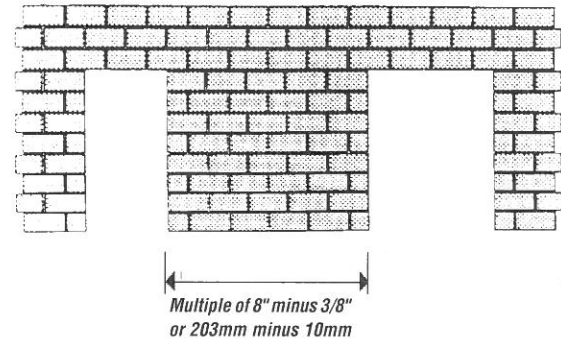
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Footnotes to Tables on other side:

1. For wall lengths or wall heights greater than those listed linear interpolation can be used
2. For nominal 6" high (152mm) multiply height in table by 0.75
3. For nominal 4" high (102mm) multiply height in table by 0.50

MODULAR LAYOUT**Make horizontal pier dimensions a multiple of the modular dimension minus 3/8 inch (10mm).**

Modular piers lose a mortar joint from the basic modular dimension. This is particularly important in short piers (i.e., less than four feet) and can generally be overlooked in piers larger than that except with scored units where headjoint alignment is critical.

**Make opening dimensions a multiple of the modular dimension plus 3/8 inch (10mm).**

Modular openings gain a mortar joint from the basic modular dimension. When not designing with scored units, this can be overlooked when opening dimensions become large.

