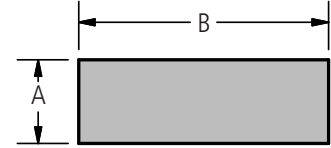


Rectangular Bar - Sharp Corners (Standard)

Rectangular shapes are the all-purpose rigid conductor for switchgear, control apparatus and busways. The use of multiple bar bus can provide a large surface area for heat dissipation. Joints and taps are easily made by bolting or welding; it is also easy to make off-sets and 90-degree bends.

For direct current, the capacity of a rectangular bar bus conductor can be controlled by varying the size or number of bars in parallel. The same is true of alternating current up to certain limits. Special arrangements of laminations are used for high-amperage alternating current.



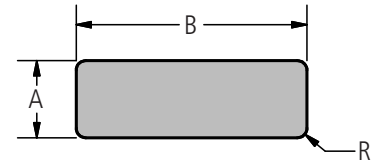
Thickness A in	Width B in	Estimated Weight per lb/ft
1/8	0.125	0.055
1/8	0.125	0.074
1/8	0.125	0.074
1/8	0.125	0.090
1/8	0.125	0.110
1/8	0.125	0.127
1/8	0.125	0.149
1/8	0.125	0.145
1/8	0.125	0.184
1/8	0.125	0.299
1/8	0.125	0.371
1/8	0.125	0.599
3/16	0.188	0.084
3/16	0.188	0.112
3/16	0.188	0.140
3/16	0.188	0.169
3/16	0.188	0.168
3/16	0.188	0.187
3/16	0.188	0.222
3/16	0.188	0.442
1/4	0.250	0.149
1/4	0.250	0.209
1/4	0.250	0.284
1/4	0.250	0.359
1/4	0.250	0.434
1/4	0.250	0.584
1/4	0.250	0.734
1/4	0.250	0.884
1/4	0.250	0.959
1/4	0.250	1.184

Thickness A in	Width B in	Estimated Weight per lb/ft
1/4	0.250	1.334
1/4	0.250	1.484
1/4	0.250	1.784
1/4	0.250	2.084
1/4	0.250	2.384
3/8	0.375	0.277
3/8	0.375	0.527
3/8	0.375	0.895
3/8	0.375	0.864
3/8	0.375	1.120
3/8	0.375	1.314
3/8	0.375	1.764
3/8	0.375	2.214
3/8	0.375	2.664
3/8	0.375	3.596
1/2	0.5	0.385
1/2	0.5	0.896
1/2	0.5	1.196
1/2	0.5	1.796
1/2	0.5	2.396
1/2	0.5	2.996
1/2	0.5	3.596
1/2	0.5	4.796
1/2	0.5	5.996
3/4	0.75	0.884
3/4	0.75	3.455
3/4	0.75	4.495
1	1.25	1.498
1	8	9.535
1	10	11.996
1	12	14.364

Rectangular Bar - Rounded Corners (Special Order)

Rectangular shapes are the all-purpose rigid conductor for switchgear, control apparatus and busways. The use of multiple bar bus can provide a large surface area for heat dissipation. Joints and taps are easily made by bolting or welding; it is also easy to make off-sets and 90-degree bends.

For direct current, the capacity of a rectangular bar bus conductor can be controlled by varying the size or number of bars in parallel. The same is true of alternating current up to certain limits. Special arrangements of laminations are used for high-amperage alternating current.



Thickness A in	Width B in	Radius R in	Estimated Weight per lb/ft
1/8 0.125	0.375	0.031	0.055
1/8 0.125	0.500	0.016	0.074
1/8 0.125	0.500	0.031	0.074
1/8 0.125	0.625	0.062	0.090
1/8 0.125	0.750	0.031	0.110
1/8 0.125	0.875	0.062	0.127
1/8 0.125	1.000	0.031	0.149
1/8 0.125	1.000	0.062	0.145
1/8 0.125	1.250	0.062	0.184
1/8 0.125	2.000	0.031	0.299
1/8 0.125	2.500	0.031	0.371
1/8 0.125	4.000	0.031	0.599
3/16 0.188	0.375	0.031	0.084
3/16 0.188	0.500	0.031	0.112
3/16 0.188	0.625	0.031	0.140
3/16 0.188	0.750	0.016	0.169
3/16 0.188	0.750	0.031	0.168
3/16 0.188	0.875	0.094	0.187
3/16 0.188	1.000	0.062	0.222
3/16 0.188	2.000	0.094	0.442
1/4 0.250	0.500	0.031	0.149
1/4 0.250	0.750	0.125	0.209
1/4 0.250	1.000	0.125	0.284
1/4 0.250	1.250	0.125	0.359
1/4 0.250	1.500	0.125	0.434
1/4 0.250	2.000	0.125	0.584
1/4 0.250	2.500	0.125	0.734
1/4 0.250	3.000	0.125	0.884
1/4 0.250	3.250	0.125	0.959
1/4 0.250	4.000	0.125	1.184

Thickness A in	Width B in	Radius R in	Estimated Weight per lb/ft
1/4 0.250	4.500	0.125	1.334
1/4 0.250	5.000	0.125	1.484
1/4 0.250	6.000	0.125	1.784
1/4 0.250	7.000	0.125	2.084
1/4 0.250	8.000	0.125	2.384
3/8 0.375	0.625	0.062	0.277
3/8 0.375	1.25	0.188	0.527
3/8 0.375	2	0.062	0.895
3/8 0.375	2	0.187	0.864
3/8 0.375	2.5	0.062	1.120
3/8 0.375	3	0.187	1.314
3/8 0.375	4	0.187	1.764
3/8 0.375	5	0.187	2.214
3/8 0.375	6	0.187	2.664
3/8 0.375	8	0.062	3.596
1/2 0.5	0.75	0.250	0.385
1/2 0.5	1.5	0.062	0.896
1/2 0.5	2	0.062	1.196
1/2 0.5	3	0.062	1.796
1/2 0.5	4	0.062	2.396
1/2 0.5	5	0.062	2.996
1/2 0.5	6	0.062	3.596
1/2 0.5	8	0.062	4.796
1/2 0.5	10	0.062	5.996
3/4 0.75	1	0.125	0.884
3/4 0.75	4	0.375	3.455
3/4 0.75	5	0.062	4.495
1	1.25	0.031	1.498
1	8	0.250	9.535
1	10	0.062	11.996
1	12	0.188	14.364

Ordering Instructions:

Step 1: Width of Bar

Width of Bar	Width Code
3/8	R375
1/2	R500
5/8	R625
3/4	R750
7/8	R875
1	R1i
1 1/4	R125i
1 1/2	R15i
2	R2i
2 1/2	R25i
3	R3i
3 1/4	R325i
4	R4i
4 1/2	R45i
5	R5i
6	R6i
7	R7i
8	R8i
10	R10i
12	R12i

Step 2: Thickness of Bar

Thickness of Bar	Thickness Code
1/8	125W
3/16	188W
1/4	250W
3/8	375W
1/2	500W
3/4	750W
1	100W

Step 3: Standard Alloy

Alloy Number	Alloy Code
6101	Z

Step 4: Choose Temper

Temper	Temper Code
T6	T6
T61	T61
T63	T63

Step 5: Choose Edge Finish

Type	Radius
Square	(blank)
Rounded	R

See pictures on page 3

Step 6: Build Catalog Number

Width Code + Thickness Code + Alloy Code + Temper + Radius

Example: To order 1 1/4" wide x 1/8" wall thickness 6101-T6 Bus Bar

R125i + 125W + Z + T6 + R

Completed Catalog Number is R125i125WZT6R.

