

### COPPER BUSBAR (RECTANGULAR)

Thickness Inches	Width Inches	Circular Mil Size	Weight Lbs. per Foot	CADWELD Bus Bar Code
1/8	1	159,200	.484	CE
	1-1/2	238,700	.726	CG
	2	318,300	.969	CH
3/16	1	238,700	.727	DE
	2	477,500	1.45	DH
1/4	1	318,300	.969	EE
	1-1/2	477,500	1.45	EG
	2	636,600	1.94	EH
	3	954,900	2.91	EK
3/8	4	1,273,000	3.88	EM
	1	477,500	1.45	GE
	1-1/2	716,200	2.18	GG
	2	954,900	2.91	GH
1/2	3	1,432,000	4.36	GK
	4	1,910,000	5.81	GM
	2	1,273,000	3.88	JH
	3	1,910,000	5.81	JK
	4	2,546,000	7.75	JM

### REINFORCING BARS

Rebar Sizes	NOMINAL DIMENSIONS		Equivalent Copper Sizes*	CADWELD Rebar Code
	Dia. Inches	Cross-Sectional Area – Sq. Inches		
3	.375	.11	9AWG	51
4	.500	.20	7	52
5	.625	.31	5	53
6	.750	.44	3	54
7	.875	.60	2	55
8	1.000	.79	1	56
9	1.128	1.00	1/0	57
10	1.270	1.27	2/0	58
11	1.410	1.56	3/0	59
14	1.693	2.25	250 kcmil	60
18	2.257	4.00	450	61

\*Based on 8% IACS, rounded to the next higher commercial copper size.

### GROUND RODS

Nominal Size	Material	Type	Thread Size	Body Dia.	CADWELD Ground Rod Code
1/2"	Copperclad	Sectional	9/16"	.505	14
	Steel*	Plain		.500	14
	Copperclad	Plain	1/2"	.475	15
	Copperclad	Sectional		.447	13
5/8"	Copperclad	Sectional	5/8"	.563	16
	Steel*	Plain		.625	31
	Copperclad	Plain		.563	16
3/4"	Copperclad	Sectional	3/4"	.682	18
	Steel*	Plain		.750	33
	Copperclad	Plain		.682	18
1"	Copperclad	Sectional	1"	.914	22
	Steel*	Plain		1.00	37
	Copperclad	Plain		.914	22

\*Plain steel, stainless steel, stainless clad rods or galvanized steel.