

## **STEEL WEIGHT FORMULAS**

### **Pounds / Foot**

Solid Rounds	$2.67 \times \text{diameter}^2$
Flats & Squares	$3.4 \times \text{width} \times \text{thickness}$
Hexagons	$2.94 \times \text{diameter}^2$ ( across flats )
Round Tubing	$2.67 \times ( \text{OD}^2 - \text{ID}^2 )$
Square Tubing	$3.4 \times ( \text{OD}^2 - \text{ID}^2 )$

### **Pounds / Square Foot**

Plate	$40.8 \times \text{thickness in inches}$
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### **Metal Material Conversions**

		.223	Magnesium
.342	Aluminum	1.11	Nickel
1.06	Brass	.94	Tin
.90	Cast Iron	.92	Zinc
1.14	Copper		