

Decimal Equivalents

Fractions	Decimals	Millimeters
1/32	0.031	0.794
1/16	0.063	1.588
3/32	0.094	2.381
1/8	0.125	3.175
5/32	0.156	3.969
3/16	0.188	4.763
7/32	0.219	5.556
1/4	0.250	6.350
9/32	0.281	7.144
5/16	0.313	7.938
11/32	0.344	8.731
3/8	0.375	9.525
13/32	0.406	10.319
7/16	0.438	11.113
15/32	0.469	11.906
1/2	0.500	12.700

Fractions	Decimals	Millimeters
17/32	0.531	13.494
9/16	0.563	14.288
19/32	0.594	15.081
5/8	0.625	15.875
21/32	0.656	16.669
11/16	0.688	17.463
23/32	0.719	18.256
3/4	0.750	19.050
25/32	0.781	19.844
13/16	0.813	20.638
27/32	0.844	21.431
7/8	0.875	22.225
29/32	0.906	23.019
15/16	0.938	23.813
31/32	0.969	24.606
1	1.000	25.400

Metric Conversions

If Number Is In	Multiply By	To Get Number Into
millimeters (mm)	0.03937	inches(in)
millimeters (mm)	0.00328	feet(ft)
centimeters(cm)	0.0328	feet(ft)
centimeters(cm)	0.3937	inches(in)
centimeters(cm)	0.01	meters(m)
centimeters(cm)	10	millimeters(mm)
meters(m)	39.37	inches(in)
meters(m)	3.2808	feet(ft)
meters(m)	1.0936	yards(yd)
inch(in)	2.54	centimeters(cm)
inch(in)	0.0254	meter(m)
inch(in)	25.4	millimeters(mm)
feet(ft)	30.48	centimeters(cm)
feet(ft)	0.3048	meter(m)
metric ton	1.1023	regular ton

Decimal Equivalents of One Foot

Inches	Decimals	Inches	Decimals
1/8"	0.0104	3"	0.2500
1/4"	0.0208	4"	0.3333
3/8"	0.0313	5"	0.4167
1/2"	0.0417	6"	0.5000
5/8"	0.0521	7"	0.5833
3/4"	0.0625	8"	0.6667
7/8"	0.0729	9"	0.7500
1"	0.0833	10"	0.8333
2"	0.1667	11"	0.9157

Sheet Gage -- Decimal Inches

Gage	Equiv.	
	HR/CR	Galv
3	0.2391	
4	0.2242	
5	0.2092	
6	0.1943	
7	0.1793	
8	0.1644	
9	0.1495	
10	0.1345	0.1382
11	0.1196	0.1233
12	0.1046	0.1084
13	0.0897	0.0934
14	0.0747	0.0785
15	0.0673	0.0710
16	0.0598	0.0635
17	0.0538	0.0575
18	0.0478	0.0516
19	0.0418	0.0456
20	0.0359	0.0396
21	0.0329	0.0366
22	0.0299	0.0336
23	0.0269	0.0305
24	0.0239	0.0276
25	0.0209	0.0247
26	0.0197	0.0217
27	0.0164	0.0202
28	0.0149	0.0187
29	0.0135	0.0172
30	0.0120	0.0157
31	0.0105	0.0142
32	0.0097	0.0134
33	0.0090	
34	0.0082	

To find the theoretical weight per foot of Round Steel Pipe:



O.D. - Wall x Wall X 10.68 = Weight Per Foot

To find weight of a circle:



Diameter (in inches) X Diameter(in inches)
X Thickness (in inches) X .2227 = LBS. Per Piece

To find the weight of a Rectangle or Square:



Length (in inches) X Width (in inches) X
Thickness (in inches) X .2836 = LBS. Per Piece

To find the weight of a triangle:



Base(in inches) X Height(in inches)
X Thickness(in inches) X .1418 = LBS. Per Piece