

Weights and Measures

1 pound (lb)	=453.6 grams	1 kilometer	=0.62137 mile
100 lb.	=45.36 kilos		=3280 feet
112 lb.	=50.80 kilos	1 square inc	=6.4516 sq. centimeters
1 short ton (2000 lb.)	=907.2 kilos		=645.16 sq. millimeters
1 long ton (2240 lb.)	=1016 kilos	1 square foot	=0.0929 square meter
1 kilo	=2.2046 lbs.	1 square yard	=0.8361 square meter
100 kilos	=220.46 lbs.	1 square millimeter	=0.00155 square inch
1 metric ton (1000 kilos)	=2204.6 lbs.	1 square centimeter	=0.155 square inch
	=0.9842 gross ton	1 square meter	=10.7639 square feet
	=1.1023 net tons		=1.196 square yards
1 inch	=25.40 millimeters	1 pound per foot	=1.4882 kilos per meter
1 foot (12 inches)	=30.48 centimeters	1 pound per yard	=0.4961 kilos per meter
1 yard (3 feet)	=91.44 centimeters	1 pound per square inch	=0.0703 kilos per sq. centimeter
1 mile (1760 yards)	=1609.35 meters	1 pound per square foot	=4.8825 kilos per per square meter
1 millimeter	=0.03937 inches	1 kilo per meter	=0.6720 pounds per feet
1 centimeter	=0.3937 inches	1 kilo per sq. millimeter	=1422.32 pounds per sq. inch
1 meter	=39.37 inches	1 kilo per sq. centimeter	=14.2232 pounds per sq. inch
	=3.2808 feet	1 kilo per sq. meter	=0.2048 pounds per sq. foot
			=1.8433 pounds per sq. yard

Feet Per Pound					
STAINLESS ROUNDS					
Diameter Inches	Feet Per Pound	Diameter Inches	Feet Per Pound	Diameter Inches	Feet Per Pound
.016	1,445	.057	114	.098	38.4
.017	1,280	.058	110	.099	37.7
.018	1,141	.059	106	.100	36.9
.019	1,024	.060	103	.105	33.7
.020	925	.061	99	.109	31.3
.021	839	.062	96	.114	28.5
.022	764	.063	93	.120	25.8
.023	699	.064	90	.125	23.6
.024	642	.065	88	.135	20.6
.025	592	.066	85	.140	18.8
.026	547	.067	82	.148	17.1
.027	507	.068	80	.156	15.1
.028	472	.069	78	.162	14.3
.029	440	.070	75	.171	12.64
.030	411	.071	73	.177	11.97
.031	385	.072	71	.178	10.57
.032	361	.073	69	.192	10.17
.033	340	.074	68	.203	8.97
.034	320	.075	65.7	.207	8.75
.035	302	.076	64	.218	7.78
.036	285	.077	62.3	.225	7.39
.037	270	.078	60.7	.234	6.75
.038	256	.079	59.2	.243	6.31
.039	243	.080	57.7	.250	5.92
.040	231	.081	56.3	.262	5.44
.041	220	.082	54.9	.283	4.68
.042	210	.083	53.6	.306	3.99
.043	200	.084	52.3	.3125	3.84
.044	191	.085	51.1	.331	3.42
.045	183	.086	49.9	.344	3.17
.046	175	.087	48.8	.3625	2.85
.047	167	.088	47.7	.375	2.67
.048	160	.089	46.6	.394	2.42
.049	154	.090	45.6	.406	2.27
.050	148	.091	44.6	.430	2.02
.051	142	.092	43.6	.4375	1.96
.052	137	.093	42.7	.462	1.76
.053	132	.094	41.8	.469	1.71
.054	127	.095	40.9	.490	1.56
.055	122	.096	40.1	.500	1.50
.056	118	.097	39.2		

Inch and Millimeter Decimal Equivalents of Fractions of an Inch

Inch			Inch		
Fraction	Decimal	Millimeter	Fraction	Decimal	Millimeter
1/64	.015 625	0.396 875	33/64	.515 625	13.096 875
1/32	.031 250	0.793 750	17/32	.531 250	13.493 750
3/64	.046 875	1.190 625	35/64	.546 250	13.890 625
1/16	.062 500	1.587 500	9/16	.562 500	14.287 500
5/64	.078 125	1.984 375	37/64	.578 125	14.684 375
3/32	.093 750	2.381 250	19/32	.593 750	15.081 250
7/64	.109 375	2.778 125	39/64	.609 375	15.478 125
1/8	.125 000	3.175 000	5/8	.625 000	15.875 000
9/64	.140 625	3.571 875	41/64	.640 625	16.271 875
5/32	.156 250	3.968 750	21/32	.656 250	16.668 750
11/64	.171 875	4.365 625	43/64	.671 875	17.065 625
3/16	.187 500	4.762 500	11/16	.687 500	17.462 500
13/64	.203 125	5.159 375	45/64	.703 125	17.859 375
7/32	.218 750	5.556 250	23/32	.718 750	18.256 250
15/64	.234 375	5.953 125	47/64	.734 375	18.653 125
1/4	.250 000	6.350 000	3/4	.750 000	19.050 000
17/64	.265 625	6.746 875	49/64	.765 625	19.446 875
9/32	.281 250	7.143 750	25/32	.781 250	19.843 750
19/64	.296 875	7.540 625	51/64	.796 875	20.240 625
5/16	.312 500	7.937 500	13/16	.812 500	20.637 500
21/64	.328 125	8.334 375	53/64	.828 125	21.034 375
11/32	.343 750	8.731 250	27/32	.843 750	21.431 250
23/64	.359 375	9.128 125	55/64	.859 375	21.828 125
3/8	.375 000	9.525 000	7/8	.875 000	22.225 000
25/64	.390 625	9.921 875	57/64	.890 625	22.621 875
13/32	.406 250	10.318 750	29/32	.906 250	23.018 750
27/64	.421 875	10.715 625	59/64	.921 875	23.415 625
7/16	.437 500	11.112 500	15/16	.937 500	23.812 500
29/64	.453 125	11.509 375	61/64	.953 125	24.209 375
15/32	.468 750	11.906 250	31/32	.968 750	24.606 250
31/64	.484 375	12.303 125	63/64	.984 375	25.003 125
1/2	.500 000	12.700 000	1	1.000 000	25.400 000

Inch – Millimeter Conversion Chart (1 Inch=25.4 millimeters)

Gauge	Inch Decimal	Millimeters	Gauge	Inch Decimal	Millimeters
30	.0120	.3048	16	.0598	1.5189
29	.0135	.3429	15	.0673	1.7094
28	.0149	.3785	14	.0747	1.8974
27	.0164	.4166	13	.0897	2.2784
26	.0179	.4547	12	.1046	2.6568
25	.0209	.5309	11	.1196	3.0378
24	.0239	.6071	10	.1345	3.4163
23	.0269	.6833	9	.1495	3.7973
22	.0299	.7595	8	.1644	4.1758
21	.0329	.8357	7	.1793	4.5542
20	.0359	.9119	6	.1943	4.9352
19	.0418	1.0617	5	.2092	5.3137
18	.0478	1.2141	4	.2242	5.6947
17	.0538	1.3665	3	.2391	6.0731