

METRIC AND DECIMAL EQUIVALENTS OF FRACTIONS OF AN INCH

(Bureau of Standards)

Fractions of an inch	Decimal Equiv.	Milli-meters	Fractions of an inch	Decimal Equiv.	Milli-meters	Fractions of an inch	Decimal Equiv.	Milli-meters	Fractions of an inch	Decimal Equiv.	Milli-meters
1/32	.0313	0.794	9/32	.2813	7.144	17/32	.5313	13.494	25/32	.7813	19.844
3/64	.0469	1.191	19/64	.2969	7.541	35/64	.5469	13.891	51/64	.7969	20.241
1/16	.0625	1.588	5/16	.3125	7.938	9/16	.5625	14.288	13/16	.8125	20.638
5/64	.0781	1.985	21/64	.3281	8.334	37/64	.5781	14.684	53/64	.8281	21.034
3/32	.0938	2.381	11/32	.3438	8.731	19/32	.5938	15.081	27/32	.8438	21.431
7/64	.1094	2.778	23/64	.3594	9.128	39/64	.6094	15.478	55/64	.8594	21.828
1/8	.1250	3.175	3/8	.3750	9.525	5/8	.6250	15.785	7/8	.8750	22.225
9/64	.1406	3.572	25/64	.3906	9.922	41/64	.6406	16.272	57/64	.8906	22.622
5/32	.1563	3.969	13/32	.4063	10.319	21/32	.6563	16.669	29/32	.9063	23.019
11/64	.1719	4.366	27/64	.4219	10.716	43/64	.6719	17.066	59/64	.9219	23.416
3/16	.1875	4.763	7/16	.4375	11.113	11/16	.6875	17.463	15/16	.9375	23.813
13/64	.2031	5.159	29/64	.4531	11.509	45/64	.7031	17.859	61/64	.9531	24.209
7/32	.2188	5.556	15/32	.4688	11.906	23/32	.7188	18.256	31/32	.9688	24.606
15/64	.2344	5.953	31/64	.4844	12.303	47/64	.7344	18.653	63/64	.9844	25.003
1/4	.2500	6.350	1/2	.5000	12.700	3/4	.7500	19.050	1	1.0000	25.400

On all electrical installations that require fuses, specify SHAWMUT fuses.
You will then be in no doubt that the fullest requirements in fusing have been met.

FERRAZ SHAWMUT

DECIMAL EQUIVALENTS, SQUARES, CUBES, SQUARE AND CUBE ROOTS, CIRCUMFERENCES AND AREAS OF CIRCLES, FROM 1/64 TO 1/2 INCH

Fraction	Decimal Equiv.	Square	Square Root	Cube	Cube Root	Circle*	
						Circum.	Area
1/64	.015625	.0002441	.125	.000003815	.25	.04909	.000192
1/32	.03125	.0009766	.176777	.000030518	.31498	.09817	.000767
3/64	.046875	.0021973	.216506	.000102997	.36056	.14726	.001726
1/16	.0625	.0039063	.25	.00024414	.39685	.19635	.003068
5/64	.078125	.0061035	.279508	.00047684	.42749	.24544	.004794
3/32	.09375	.0087891	.306186	.00082397	.45428	.29452	.006903
7/64	.109375	.0119629	.330719	.0013084	.47823	.34361	.009396
1/8	.125	.015625	.353553	.0019531	.5	.39270	.012272
9/64	.140625	.0197754	.375	.0027809	.52002	.44179	.015532
5/32	.15625	.0244141	.395285	.0038147	.53861	.49087	.019175
11/64	.171875	.0295410	.414578	.0050774	.55600	.53996	.023201
3/16	.1875	.0351563	.433013	.0065918	.57236	.58905	.027611
13/64	.203125	.0412598	.450694	.0083809	.58783	.63814	.032405
7/32	.21875	.0478516	.467707	.010468	.60254	.68722	.037583
15/64	.234375	.0549316	.484123	.012875	.61655	.73631	.043143
1/4	.25	.0625	.5	.015625	.62996	.78540	.049087
17/64	.265625	.0705566	.515388	.018742	.64282	.83449	.055415
9/32	.28125	.0791016	.530330	.022247	.65519	.88357	.062126
19/64	.296875	.0881348	.544862	.026165	.66710	.93266	.069221
5/16	.3125	.0976562	.559017	.030518	.67860	.98175	.076699
21/64	.328125	.107666	.572822	.035328	.68973	1.03084	.084561
11/32	.34375	.118164	.586302	.040619	.70051	1.07992	.092806
23/64	.359375	.129150	.599479	.046413	.71097	1.12901	.101434
3/8	.375	.140625	.612372	.052734	.72112	1.17810	.110445
25/64	.390625	.1525879	.625	.059605	.73100	1.22718	.119842
13/32	.40625	.1650391	.637377	.067047	.74062	1.27627	.129621
27/64	.421875	.1779785	.649519	.075085	.75	1.32536	.139784
7/16	.4375	.1914063	.661438	.083740	.75915	1.37445	.150330
29/64	.453125	.2053223	.673146	.093037	.76808	1.42353	.161260
15/32	.46875	.2197266	.684653	.102997	.77681	1.47262	.172573
31/64	.484375	.2346191	.695971	.113644	.78535	1.52171	.184269
1/2	.5	.25	.707107	.125	.79370	1.57080	.196350

*Fraction represents diameter

**DECIMAL EQUIVALENTS, SQUARES, CUBES,
SQUARE AND CUBE ROOTS, CIRCUMFERENCES AND
AREAS OF CIRCLES, FROM 33/64 TO 1/2 INCH**

Fraction	Decimal Equiv.	Square	Square Root	Cube	Cube Root	Circle*	
						Circum.	Area
33/64	.515625	.265869	.718070	.137089	.80188	1.61988	.208813
17/32	.53125	.282227	.728869	.149933	.80990	1.66897	.221660
35/64	.546875	.299072	.739510	.163555	.81777	1.71806	.234891
9/16	.5625	.316406	.75	.177979	.82548	1.76715	.248505
37/64	.578125	.334229	.760345	.193226	.83306	1.81623	.262502
19/32	.59375	.352539	.770552	.209320	.84049	1.86532	.276884
39/64	.609375	.371338	.780625	.226284	.84780	1.91441	.291648
5/8	.625	.390625	.790569	.244141	.85499	1.96350	.306796
41/64	.640625	.410400	.800391	.262913	.86205	2.01258	.322328
21/32	.65625	.430664	.810093	.282623	.86901	2.06167	.338243
43/64	.671875	.451416	.819680	.303295	.87585	2.11076	.354541
11/16	.6875	.472656	.829156	.324951	.88259	2.15984	.371223
45/64	.703125	.494385	.838525	.347614	.88922	2.20893	.388289
23/32	.71875	.516602	.847791	.371307	.89576	2.25802	.405737
47/64	.734375	.539307	.856957	.396053	.90221	2.30711	.423570
3/4	.75	.5625	.866025	.421875	.90856	2.35619	.441786
49/64	.765625	.586182	.875	.448795	.91483	2.40528	.460386
25/32	.78125	.610352	.883883	.476837	.92101	2.45437	.479369
51/64	.796875	.635010	.892679	.506023	.92711	2.50346	.498736
13/16	.8125	.660156	.901388	.536377	.93313	2.55254	.518486
53/64	.828125	.685791	.910014	.567921	.93907	2.60163	.538619
27/32	.84375	.711914	.918559	.600677	.94494	2.65072	.559136
55/64	.859375	.738525	.927024	.634670	.95074	2.69981	.580036
7/8	.875	.765625	.935414	.669922	.95647	2.74889	.601320
57/64	.890625	.793213	.943729	.706455	.96213	2.79798	.622988
29/32	.90625	.821289	.951972	.744293	.96772	2.84707	.645039
59/64	.921875	.849854	.960143	.783459	.97325	2.89616	.667473
15/16	.9375	.878906	.968246	.823975	.97872	2.94524	.690291
61/64	.953125	.908447	.976281	.865864	.98412	2.99433	.713493
31/32	.96875	.938477	.984251	.909149	.98947	3.04342	.737078
63/64	.984375	.968994	.992157	.953854	.99476	3.09251	.761046
1	1	1	1	1	1	3.14159	.785398

*Fraction represents diameter