Fraction to Decimal Chart

Fractions to 1/64 inch

Each fraction divided out to six decimals, with the millimeter value (times 25.4).

Fraction	Decimal (in)	Thousandths	Millime	Fraction	Decimal (in)	Thousandths	Millime	Fraction	Decimal (in)	Thousandths	Millin
1/64"	0.015625	15.625		**23/64"**	0.359375	359.375		**45/64"**	0.703125	703.125	
1/32"	0.031250	31.250		**3/8"**	0.375000	375.000		**23/32"**	0.718750	718.750	
3/64"	0.046875	46.875		**25/64"**	0.390625	390.625		**47/64"**	0.734375	734.375	
1/16"	0.062500	62.500		**13/32"**	0.406250	406.250	10	**3/4"**	0.750000	750.000	
5/64"	0.078125	78.125		**27/64"**	0.421875	421.875	10	**49/64"**	0.765625	765.625	
3/32"	0.093750	93.750		**7/16"**	0.437500	437.500	11	**25/32"**	0.781250	781.250	
7/64"	0.109375	109.375		**29/64"**	0.453125	453.125	11	**51/64"**	0.796875	796.875	
1/8"	0.125000	125.000		**15/32"**	0.468750	468.750	11	**13/16"**	0.812500	812.500	
9/64"	0.140625	140.625		**31/64"**	0.484375	484.375	12	**53/64"**	0.828125	828.125	
5/32"	0.156250	156.250		**1/2"**	0.500000	500.000	12	**27/32"**	0.843750	843.750	
11/64"	0.171875	171.875		**33/64"**	0.515625	515.625	13	**55/64"**	0.859375	859.375	
3/16"	0.187500	187.500		**17/32"**	0.531250	531.250	13	**7/8"**	0.875000	875.000	
13/64"	0.203125	203.125		**35/64"**	0.546875	546.875	13	**57/64"**	0.890625	890.625	
7/32"	0.218750	218.750		**9/16"**	0.562500	562.500	14	**29/32"**	0.906250	906.250	
15/64"	0.234375	234.375		**37/64"**	0.578125	578.125	14	**59/64"**	0.921875	921.875	
1/4"	0.250000	250.000		**19/32"**	0.593750	593.750	15	**15/16"**	0.937500	937.500	
17/64"	0.265625	265.625		**39/64"**	0.609375	609.375	15	**61/64"**	0.953125	953.125	
9/32"	0.281250	281.250		**5/8"**	0.625000	625.000	15	**31/32"**	0.968750	968.750	
19/64"	0.296875	296.875		**41/64"**	0.640625	640.625	16	**63/64"**	0.984375	984.375	
5/16"	0.312500	312.500		**21/32"**	0.656250	656.250	16	**1"**	1.000000	1000.000	
21/64"	0.328125	328.125		**43/64"**	0.671875	671.875	17.066				
11/32"	0.343750	343.750		**11/16"**	0.687500	687.500	17.462				

Odd 128ths of an inch

The extra sizes between each 64th.

Fraction	Decimal (in)	Thousandths	Millime	Fraction	Decimal (in)	Thousandths	Millime	Fraction	Decimal (in)	Thousandths	Millin
1/128"	0.007812	7.812		**45/128"**	0.351562	351.562		**89/128"**	0.695312	695.312	
3/128"	0.023438	23.438		**47/128"**	0.367188	367.188		**91/128"**	0.710938	710.938	
5/128"	0.039062	39.062		**49/128"**	0.382812	382.812		**93/128"**	0.726562	726.562	
7/128"	0.054688	54.688		**51/128"**	0.398438	398.438	10	**95/128"**	0.742188	742.188	
9/128"	0.070312	70.312		**53/128"**	0.414062	414.062	10	**97/128"**	0.757812	757.812	
11/128"	0.085938	85.938		**55/128"**	0.429688	429.688	10	**99/128"**	0.773438	773.438	
13/128"	0.101562	101.562		**57/128"**	0.445312	445.312	11	**101/128"**	0.789062	789.062	
15/128"	0.117188	117.188		**59/128"**	0.460938	460.938	11	**103/128"**	0.804688	804.688	
17/128"	0.132812	132.812		**61/128"**	0.476562	476.562	12	**105/128"**	0.820312	820.312	
19/128"	0.148438	148.438		**63/128"**	0.492188	492.188	12	**107/128"**	0.835938	835.938	

Fraction	Decimal (in)	Thousandths	Millime	Fraction	Decimal (in)	Thousandths	Millime	Fraction	Decimal (in)	Thousandths	Millin
21/128"	0.164062	164.062	4	**65/128"**	0.507812	507.812	12	**109/128"**	0.851562	851.562	
23/128"	0.179688	179.688	4	**67/128"**	0.523438	523.438	13	**111/128"**	0.867188	867.188	
25/128"	0.195312	195.312	4	**69/128"**	0.539062	539.062	13	**113/128"**	0.882812	882.812	
27/128"	0.210938	210.938	5	**71/128"**	0.554688	554.688	14	**115/128"**	0.898438	898.438	
29/128"	0.226562	226.562	5	**73/128"**	0.570312	570.312	14	**117/128"**	0.914062	914.062	
31/128"	0.242188	242.188	6	**75/128"**	0.585938	585.938	14	**119/128"**	0.929688	929.688	
33/128"	0.257812	257.812	6	**77/128"**	0.601562	601.562	15	**121/128"**	0.945312	945.312	
35/128"	0.273438	273.438	6	**79/128"**	0.617188	617.188	15	**123/128"**	0.960938	960.938	
37/128"	0.289062	289.062	7	**81/128"**	0.632812	632.812	16	**125/128"**	0.976562	976.562	
39/128"	0.304688	304.688	7	**83/128"**	0.648438	648.438	16	**127/128"**	0.992188	992.188	
41/128"	0.320312	320.312	8	**85/128"**	0.664062	664.062	16.867				
43/128"	0.335938	335.938	8	**87/128"**	0.679688	679.688	17.264				

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