

NerdKits Xylophone

Material 6061 Aluminum, 1.5"x0.375" bar
 Ref. Freq 1318.5 Hz
 Ref. Len 7.579 inches

Note	MIDI Note#	Frequency (Hz)	Bar Len. (in)	Bar Len. (mm)	Node Pos. (in)	Node Pos. (mm)
C5	72	523.3	12.030	305.6	2.697	68.5
C#5	73	554.4	11.688	296.9	2.620	66.6
D5	74	587.3	11.355	288.4	2.546	64.7
D#5	75	622.3	11.032	280.2	2.473	62.8
E5	76	659.3	10.718	272.2	2.403	61.0
F5	77	698.5	10.413	264.5	2.334	59.3
F#5	78	740.0	10.116	257.0	2.268	57.6
G5	79	784.0	9.828	249.6	2.203	56.0
G#5	80	830.6	9.549	242.5	2.141	54.4
A5	81	880.0	9.277	235.6	2.080	52.8
A#5	82	932.3	9.013	228.9	2.020	51.3
B5	83	987.8	8.756	222.4	1.963	49.9
C6	84	1046.5	8.507	216.1	1.907	48.4
C#6	85	1108.7	8.265	209.9	1.853	47.1
D6	86	1174.7	8.029	203.9	1.800	45.7
D#6	87	1244.5	7.801	198.1	1.749	44.4
E6	88	1318.5	7.579	192.5	1.699	43.2
F6	89	1396.9	7.363	187.0	1.651	41.9
F#6	90	1480.0	7.153	181.7	1.604	40.7
G6	91	1568.0	6.950	176.5	1.558	39.6
G#6	92	1661.2	6.752	171.5	1.514	38.4
A6	93	1760.0	6.560	166.6	1.471	37.4
A#6	94	1864.7	6.373	161.9	1.429	36.3
B6	95	1975.5	6.191	157.3	1.388	35.3
C7	96	2093.0	6.015	152.8	1.348	34.3
C#7	97	2217.5	5.844	148.4	1.310	33.3
D7	98	2349.3	5.678	144.2	1.273	32.3
D#7	99	2489.0	5.516	140.1	1.237	31.4
E7	100	2637.0	5.359	136.1	1.201	30.5
F7	101	2793.8	5.206	132.2	1.167	29.6
F#7	102	2960.0	5.058	128.5	1.134	28.8
G7	103	3136.0	4.914	124.8	1.102	28.0
G#7	104	3322.4	4.774	121.3	1.070	27.2
A7	105	3520.0	4.638	117.8	1.040	26.4
A#7	106	3729.3	4.506	114.5	1.010	25.7
B7	107	3951.1	4.378	111.2	0.981	24.9