

Built For Fun EV's – Approximate Imperial (inch) Equivalents For mm sizes

Size in mm	Approximate Inch Equivalent	Exact Inch Conversion	Notes
1.5	1/16	0.039	3/8" probably closest fastener size
2		0.079	
3		0.118	
4	1/8	0.157	
5		0.197	
6	3/16	0.236	
7		0.276	
8	1/4	0.315	
9		0.354	
10		0.394	
11	3/8	0.433	3/4" closest plywood thickness
12		0.472	
12.5	1/2	0.492	
13		0.512	
14		0.551	
15	5/8	0.590	
16		0.630	
17		0.670	
18	3/4	0.709	
19		0.748	
20		0.787	
25	1	0.984	Use the Approximate Inch Equivalent column to help decide which standard inch fastener/section size could be used to replace stated mm size. EG 1/4" bolts and nuts could be used to replace M6 hardware, 3/4" plywood could be used instead of 18mm ply. Note however that there may be slight but significant knock-on dimensional changes as a result – study the drawings.
30	1-1/4	1.181	
32		1.260	
35	1-3/8	1.378	
38		1.496	
40	1-1/2	1.575	
45		1.772	
50	2	1.968	The exact conversion is calculated from inch = mm / 25.4
55	2-1/4	2.165	
60	2-3/8	2.362	Use this column to identify exact conversions for, for example, machining or cutting operations where the stated mm dimension must be maintained.
75	3	2.953	
100	4	3.937	Use the formula to make your own conversions for values not stated.
125	5	4.921	
150	6	5.901	

