



**PRECISION SETUP  
BLOCKS USAGE  
CHART**

**INFINITYTOOLS.COM**

Fractional Inches	Decimal Inches	Millimeters	Setup Block Thickness
1/16"	0.06250"	1.6 mm	1/16"
3/32"	0.09375"	2.4 mm	3/32"
1/8 "	0.12500"	3.2 mm	1/8"
5/32"	0.15625"	4. mm	1/16" + 3/32"
3/16"	0.18750"	4.8 mm	1/16" + 1/8"
7/32"	0.21875"	5.6 mm	3/32" + 1/8"
1/4 "	0.25000"	6.4 mm	1/4"
9/32"	0.28125"	7.1 mm	1/16" + 3/16" + 1/8"
5/16"	0.31250"	7.9 mm	1/16" + 1/4"
11/32"	0.34375"	8.7 mm	3/32" + 1/4"
3/8 "	0.37500"	9.5 mm	1/8" + 1/4"
13/32"	0.40625"	10.3 mm	1/16" + 3/32" + 1/4"
7/16"	0.43750"	11.1 mm	1/16" + 1/8" + 1/4"
15/32"	0.46875"	11.9 mm	3/32" + 1/8" + 1/4"
1/2 "	0.50000"	12.7 mm	1/2"
17/32"	0.53125"	13.5 mm	1/16" + 3/32" + 1/8" + 1/4"
9/16"	0.56250"	14.3 mm	1/16" + 1/2"
19/32"	0.59375"	15.1 mm	3/32" + 1/2"
5/8 "	0.62500"	15.9 mm	1/8" + 1/2"
21/32"	0.65625"	16.7 mm	3/32" + 1/2"
11/16"	0.68750"	17.5 mm	1/16" + 1/8" + 1/2"
23/32"	0.71875"	18.3 mm	3/32" + 1/8" + 1/2"
3/4 "	0.75000"	19.1 mm	3/4"
25/32"	0.78125"	19.8 mm	1/16" + 3/32" + 1/8" + 1/2"
13/16"	0.81250"	20.6 mm	1/16" + 3/4"
27/32"	0.84375"	21.4 mm	3/32" + 3/4"
7/8 "	0.87500"	22.2 mm	1/8" + 3/4"
29/32"	0.90625"	23. mm	1/16" + 3/32" + 3/4"
15/16"	0.93750"	23.8 mm	1/16" + 1/8" + 3/4"
31/32"	0.96875"	24.6 mm	3/32" + 1/8" + 3/4"
1"	1.00000"	25.4 mm	1/4" + 3/4"
1-1/32"	1.03125"	26.2 mm	1/16" + 3/32" + 1/8" + 3/4"
1-1/16"	1.06250"	27. mm	1/16" + 1/4" + 3/4"

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Your set of Precision Setup Blocks includes the following thicknesses:

- 1/16"
- 3/32"
- 1/8"
- 3/16"
- 1/4"
- 1/2"
- 3/4"

In addition to the above setup blocks, a 1-2-3 block is included to provide additional capacity.

The thickness of each of the components is manufactured to a tolerance of +/-0.002". Keep this in mind as you stack the blocks together as outlined in the chart at left. The accumulated thickness tolerance of the stacked blocks will be reduced with each block added to the stack. For example, stacking three blocks could reduce the thickness tolerance by as much as +/-0.006".

**NOTE:** When referencing the chart at left, dimensions over 1" can make use of the 1-2-3 block to reduce the number of setup blocks required.