

Dimensional Lumber Size Chart

Nominal Size	Actual Size (inches)	Actual Size (mm)	Typical Use / Notes
1x2	$\frac{3}{4}'' \times 1\frac{1}{2}''$	19mm x 38mm	small trim, furring
1x3	$\frac{3}{4}'' \times 2\frac{1}{2}''$	19mm x 64mm	trim, panel backing
1x4	$\frac{3}{4}'' \times 3\frac{1}{2}''$	19mm x 89mm	siding, shelving
1x5	$\frac{3}{4}'' \times 4\frac{1}{2}''$	19mm x 114mm	light boards, narrow shelves
1x6	$\frac{3}{4}'' \times 5\frac{1}{2}''$	19mm x 140mm	paneling, trim
1x8	$\frac{3}{4}'' \times 7\frac{1}{4}''$	19mm x 184mm	decking sub-layers
1x10	$\frac{3}{4}'' \times 9\frac{1}{4}''$	19mm x 235mm	furniture backing
1x12	$\frac{3}{4}'' \times 11\frac{1}{4}''$	19mm x 286mm	shelving
2x2	$1\frac{1}{2}'' \times 1\frac{1}{2}''$	38mm x 38mm	small framing
2x3	$1\frac{1}{2}'' \times 2\frac{1}{2}''$	38mm x 64mm	small structures
2x4	$1\frac{1}{2}'' \times 3\frac{1}{2}''$	38mm x 89mm	wall studs
2x5	$1\frac{1}{2}'' \times 4\frac{1}{2}''$	38mm x 114mm	joists/beams
2x6	$1\frac{1}{2}'' \times 5\frac{1}{2}''$	38mm x 140mm	floor joists
2x8	$1\frac{1}{2}'' \times 7\frac{1}{4}''$	38mm x 184mm	deck beams
2x10	$1\frac{1}{2}'' \times 9\frac{1}{4}''$	38mm x 235mm	heavy joists
2x12	$1\frac{1}{2}'' \times 11\frac{1}{4}''$	38mm x 286mm	stringers
2x14	$1\frac{1}{2}'' \times 13\frac{1}{4}''$	38mm x 337mm	large beams
4x4	$3\frac{1}{2}'' \times 3\frac{1}{2}''$	89mm x 89mm	posts, pergolas
4x5	$3\frac{1}{2}'' \times 4\frac{1}{2}''$	89mm x 114mm	larger posts
4x6	$3\frac{1}{2}'' \times 5\frac{1}{2}''$	89mm x 140mm	heavy beams
4x8	$3\frac{1}{2}'' \times 7\frac{1}{4}''$	89mm x 184mm	structural beams
4x10	$3\frac{1}{2}'' \times 9\frac{1}{4}''$	89mm x 235mm	heavy-duty beams
4x12	$3\frac{1}{2}'' \times 11\frac{1}{4}''$	89mm x 286mm	structural beams
6x6	$5\frac{1}{2}'' \times 5\frac{1}{2}''$	140mm x 140mm	large posts
6x8	$\sim 5\frac{1}{2}'' \times \sim 7\frac{1}{2}''$	140mm x 191mm	heavy beams
8x8	$\sim 7\frac{1}{2}'' \times \sim 7\frac{1}{2}''$	191mm x 191mm	barns, large decks