Fraction to Decimal to MM Converter

Type any measurement - 3/8, 0.375, or 9.5 mm - and get all three forms back. Built for drill bits, screw diameters, and every dimension that arrives in the wrong unit.

How it works

One inch is exactly 25.4 mm, so decimals convert by multiplication - but fractions must round to the nearest 64th, the smallest graduation on most rules. The converter accepts fractions (3/8), mixed numbers (1 3/8), decimals (0.375), and millimeters (9.5 mm), then shows all three forms. Drill-bit and screw diameters in decimals map to the nearest fraction the same way machinists read them.

For live values, use the interactive calculator: bookoffasteners.com/calculators/fraction-decimal-mm-converter/

Reference values only — verify against the governing standard or manufacturer before use.