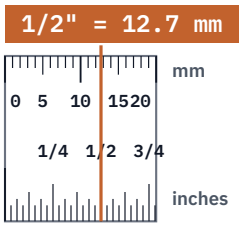
1/2 inch to mm

Millimetre and inch conversion · ruler drawn at actual size

IN MILLIMETRES

12.7 mm 1/2 in × 25.4 · 0.5000 in



The same length in other units

UNIT	VALUE	
Millimetres	12.7	
Centimetres	1.27	
Decimal inches	0.5000	
Fraction	1/2"	exact
Nearest drill bit	1/2"	12.70 mm

Actual size

Print at 100% scale ("Actual size", not "Fit to page"). Check with the rulers below.





Nearby fractions of an inch

FRACTION	INCHES	MM
5/16"	0.3125	7.9375
3/8"	0.3750	9.525
7/16"	0.4375	11.1125
1/2"	0.5000	12.7
9/16"	0.5625	14.2875
5/8"	0.6250	15.875
11/16"	0.6875	17.4625

How to convert: Write the length as a decimal: 1/2 in = 0.5000 in. Multiply by 25.4 (1 in = 25.4 mm exactly): 0.5000 × 25.4 = 12.7 mm. The result is exact, so no rounding is needed.

Scan for the interactive version:

whatsizeis.com/inches-to-mm/1-2-inch/

1 inch = 25.4 mm exactly (NIST SP 811; international yard and pound agreement, 1959). Inches = mm / 25.4; nearest fraction rounded to 1/64 in. Method: whatsizeis.com/how-we-calculate/