Nail Penny Size (d) to Inches Converter

Pick a penny size (6d, 8d, 16d...) and get the nail length in inches and millimeters plus its typical use - or enter a length to find the nearest penny size.

How it works

Penny size (d, from the Roman denarius) once priced 100 nails in pennies - today it is pure length code: 6d is 2 in, 8d is 2-1/2 in, 10d is 3 in, 16d is 3-1/2 in. The scale is not linear (16d jumps the pattern), so always convert rather than guess. Box and sinker variants share penny lengths with thinner shanks.

For live values, use the interactive calculator: bookoffasteners.com/calculators/nail-penny-converter/

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