

Torque Unit Converter

Convert between ft-lb, in-lb, N·m, and kg·cm - because torque specs never come in the unit your wrench reads.

How it works

Everything is converted through the SI unit: $1 \text{ N}\cdot\text{m} = 0.737562 \text{ ft}\cdot\text{lb} = 8.85075 \text{ in}\cdot\text{lb} = 10.19716 \text{ kg}\cdot\text{cm}$, and $1 \text{ ft}\cdot\text{lb} = 1.355818 \text{ N}\cdot\text{m} = 12 \text{ in}\cdot\text{lb}$. Torque is force times lever arm, so a 50 ft-lb spec means 50 pounds applied one foot from the axis - or 600 in-lb if you use a shorter wrench. Values round to two decimals for display.

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

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