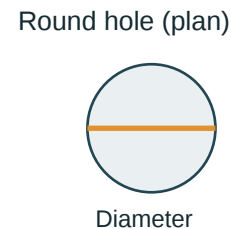
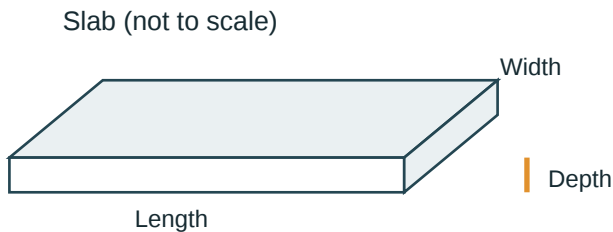




Concrete quantity worksheet

Estimate geometric volume, then apply a separately chosen allowance. Confirm the final quantity and mix with your supplier.



Use metres for every dimension

Shape	Volume formula
Identical slabs	Length x width x depth x slab count
Identical round holes	$\pi \times (\text{diameter} / 2)^2 \times \text{depth} \times \text{hole count}$
Allowance	Net concrete volume x (1 + allowance percent / 100)

Worked examples

Slab: 4 m x 3 m x 0.10 m = 1.20 m³. With an example 10% allowance: **1.32 m³**.

Six holes: diameter 0.30 m, depth 0.60 m: $\pi \times 0.15^2 \times 0.60 \times 6 = \mathbf{0.2545 \text{ m}^3}$ gross.

Your take-off

Job / pour reference	Shape: slab or round holes	Slab length (m)
Slab width (m)	Hole diameter (m)	Depth (m)
Number of slabs or holes	Gross volume (m ³)	Post volume to subtract (m ³)
Net volume (m ³)	Allowance (%)	Volume with allowance (m ³)

100 mm = 0.10 m. Round-hole volume includes space displaced by posts; account for displacement and actual excavation. Bag count = volume / stated yield per bag, rounded up. Bag weight alone does not establish yield. This sheet does not size footings or specify concrete strength.

Worked guide: chippy.tools/building-codes/concrete/concrete-volume-slab/

