Core drill sizes for removable bollards

Hole and socket sizes for the SafeWise 90mm and 140mm removable key-lock bollards. Full guide: safewiseaustralia.com/guides/removable-bollard-core-drill-size/

Removable bollard	90mm (SW-RB90)	140mm (SW-RB140)
In-ground socket	Ø102 × 4 × 225mm	Ø152 × 4mm*
Cover plate	Ø187 × 6mm	Ø214 × 6mm*
Core bit	About 130mm	About 220–225mm*
Hole depth	About 225mm plus a gravel layer	Confirm with us before drilling*

* Confirm 140mm figures with us before drilling: info@safewiseaustralia.com

Steps for an existing slab

1. **Scan for services.** Use Before You Dig Australia (byda.com.au) plus a scanner before you cut.
2. **Cut the hole.** Core drill to the size and depth above.
3. **Add gravel.** A layer at the bottom for drainage.
4. **Seat the socket.** Check it is upright and square.
5. **Fill around it.** Non-shrink grout or concrete.
6. **Finish.** Trowel the surface and let it cure before the bollard is used.

New pour

Set the socket in the wet concrete over gravel for drainage, then let it cure before use.

> General guidance, not a compliance certificate. Check the current edition of any standard. SafeWise bollards are not crash-rated. Dimensions are nominal. SafeWise supplies product only; installation is the responsibility of the purchaser or their contractor.