

2.6.6 Autofill Insert OD

The **Autofill Insert OD** setting controls whether Spectre Cloud automatically suggests the correct drill bit size for a bowler's finger holes based on their **insert type** and **grip style**. Insert OD (Outside Diameter) refers to the outer diameter of the finger insert being used — the drill bit must match this diameter precisely to achieve the correct fit. When enabled, Spectre Cloud pre-populates the drill bit size field as soon as insert type and grip are recorded, eliminating a manual lookup step and reducing the risk of drilling a hole sized for the wrong insert.

What Is Insert OD?

Finger inserts are small gripping devices — typically made from urethane or similar materials — that are fitted into the finger holes of a bowling ball to provide a consistent, cushioned grip surface. Each insert has a specific **Outside Diameter (OD)**, which is the measurement the drill bit must match when cutting the hole. Using the wrong bit size produces a hole that is either too tight (requiring force to seat the insert, risking cracking) or too loose (causing the insert to slip or fall out).

- Insert OD varies by insert brand, model, and size — there is no universal drill bit size for all inserts.
- Grip style also influences the correct OD — fingertip and conventional grips use different insert seating depths, which can affect the effective fit.
- Autofill Insert OD removes the need to consult a per-brand reference chart on every spec sheet where inserts are used.

How Insert OD Is Determined

When Autofill Insert OD is enabled, Spectre Cloud cross-references two pieces of information already on the spec sheet to derive the correct drill bit size:

Input	Why It Matters
Insert type / brand / model	Each manufacturer of grips will have different OD's per grip size.

Input	Why It Matters
Insert size	The size inside the insert will correspond to a OD size of that style insert. Ex: Turbo Quad Oval Mesh, in 7/8 Insert size, will give a 1 1/32 OD. Where a 11/16 of the same insert will give you a 31/32 OD.

?? Enabling or Disabling Autofill Insert OD

1. Navigate to **Settings** from the top menu.
2. Find the **Autofill Insert OD** option.
3. Toggle the setting on or off according to your shop's preference.
4. The change takes effect immediately for all new spec sheets. Existing spec sheets are not affected.

Related Sections

- 2.6.5 — Autofill Bridge: auto standard bridge (1/4" fingertip, 3/8" conventional)
- 2.6.4 — Auto-invert standard lateral pitches when changing from RH bowler to LH
- 2.6.1 — Overview: why leaving all auto-suggestions on saves time
- 2.6.7 — Next auto-suggestion setting (*if applicable*)
- 3.x — Bowlers: recording grip style in a bowler profile
- 4.x — Spec Sheet: entering insert type and OD
- 7.x — Arsenal Plus: ball drilling history and insert records

Tip: Insert OD is one of the most brand-specific measurements in the spec sheet — a value that is correct for one insert line may be wrong for another from the same manufacturer. If your shop switches insert brands or adds a new product line, check whether the new inserts are in Spectre Cloud's database before relying on Autofill Insert OD. A quick test sheet before the first fitting with a new insert type is cheap insurance.

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