

5.2.7 Confirming cuts using the arrow-down key

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oval method

After entering V and H cut values for a row in the Oval Calculator, Spectre Cloud provides a quick keyboard shortcut to **confirm the entry and move to the next field or row** — the **arrow-down key**. Rather than clicking or tapping between fields manually, the arrow-down key lets you move through the calculator fluidly, keeping your hands on the keyboard and your focus on the numbers.

What the Arrow-Down Key

Does

Pressing the **arrow-down key** while a V or H cut field is active confirms the value currently entered in that field and moves focus to the next input in the sequence. This allows you to work through an entire set of oval cut rows — across multiple holes — without reaching for a mouse or tapping the screen between entries.

- **Confirms** the value in the active field
- **Moves focus** downward to the next field in the calculator
- **Triggers recalculation** — if the confirmed value completes a row, the DIFF and oval result update immediately

-  Works across all input modes — Bit Size (fraction), Decimal, and Direct Entry

Typical Arrow-Down Workflow

The most efficient way to work through a multi-row oval session using the keyboard is to enter values top to bottom, using the arrow-down key to step through each field in sequence.

Desktop — Step by Step

1. Click into the first field of the first row (e.g., **Starting Bit** or **V cut**).
2. Type your value.
3. Press **↓ (arrow-down)** — focus moves to the next field in that row (e.g., **Oval Width** or **H cut**).
4. Type the next value.
5. Press **↓** again — if this completes the row, the DIFF and oval result appear automatically. Focus moves to the first field of the next row if one exists, or remains ready for a new row.
6. Continue pressing **↓** to step through subsequent rows in the same way.
7. When all rows are complete, review the full set of results before applying to the spec sheet.

Field Navigation Order

The arrow-down key follows the natural top-to-bottom, field-by-field order of the calculator. The exact sequence depends on which input mode is active:

Input Mode	Field 1	Field 2	Result (auto)
Bit Size (Fraction)	Starting Bit	Oval Width	Oval dimensions + DIFF
Decimal	Starting Bit (decimal)	Oval Width (decimal)	Oval dimensions + DIFF
V/H Direct Entry	V cut value	H cut value	Oval dimensions + DIFF

After the final field in a row is confirmed with arrow-down, focus advances to the **first field of the next row** if one has been added via the + button. If no next row exists, focus behavior depends on the app — it may rest on the result display or remain in the last field.

Mobile and Tablet Behaviour

On touchscreen devices, a physical keyboard arrow-down key functions the same way when a hardware keyboard is connected (e.g., a Bluetooth keyboard paired with an iPad or Android tablet). Without a hardware keyboard, the equivalent action is tapping **Next** or **Return** on the on-screen keyboard, or tapping the next field directly.

- Hardware keyboard connected — arrow-down behaves identically to desktop
- On-screen keyboard only — use the **Next** key or tap between fields manually
- On a tablet with a keyboard case, the arrow-down shortcut is particularly useful for high-volume sessions with many rows

Tips for Efficient Keyboard Entry

- **Stay on the keyboard throughout a multi-row session** — combine the arrow-down key with the + button shortcut (if one exists in your browser) to add and fill rows without touching the mouse at all.
- **Watch the DIFF update as you confirm each row** — the real-time recalculation that fires on arrow-down is a built-in accuracy check. If the DIFF looks wrong immediately after confirmation, correct the field before moving on rather than catching it later.
- **Use arrow-down to confirm, not just to navigate** — pressing arrow-down on a field that has not been changed still confirms its current value, which is useful when reviewing an existing session and stepping through rows to verify entries.
- **Do not use arrow-up to edit a confirmed field without re-checking the result** — navigating back up and changing a previously confirmed value will trigger a recalculation, which is correct behaviour, but make sure to review the updated DIFF before applying results to a spec sheet.

Arrow-Down vs. Tab vs. Enter

Spectre Cloud's Oval Calculator is designed around vertical field progression, which makes arrow-down the most natural key for moving through entries. Tab and Enter may also move focus between fields in some browsers, but their exact behaviour can vary by browser and operating system. Arrow-down is the most consistent and intentional shortcut for this workflow.

Key	Behaviour in Oval Calculator	Recommended For
↓ Arrow-down	Confirms value, moves to next field below	Primary navigation through calculator rows
Tab	May move focus to next field — browser dependent	Secondary option if arrow-down is unavailable
Enter / Return	May confirm entry or submit — context dependent	Use with caution — behaviour varies

Key	Behaviour in Oval Calculator	Recommended For
↑ Arrow-up	Moves focus to previous field	Reviewing or correcting a prior entry

Related Sections

- 5.2.5 — Adding oval cut rows using the + button
- 5.2.6 — Entering V and H cut values (positive and negative)
- 5.2.8 — Applying Oval Calculator Results to a Spec Sheet
- 4.x — Spec Sheets: Recording Hole Measurements

Tip: For high-volume shops drilling multiple balls per day, mastering the arrow-down workflow pays off quickly — entering a full three-hole oval session entirely from the keyboard is noticeably faster than clicking or tapping between fields. If you are onboarding new staff, make the arrow-down shortcut part of their first Oval Calculator walkthrough. *⚠ Verify that arrow-down is the confirmed shortcut key in the current version of Spectre Cloud and that Tab and Enter behave as described — keyboard shortcut behaviour can vary between browser versions. Contact the Spectre team if the navigation does not match the description above.*

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