

## Technical Notes

### Smart Trowel

Alpha Professional Tools® introduces the new Smart Trowels' system. This system comes with an ergonomic, cushioned grip handle that is comfortable to use in all directions. Using a One-Touch-Button, the handle can easily rotate and is perfect for left and right-handed people! The system comes with interchangeable blades and floats to suit all of your trowelling needs. The blades are made of a high-grade tempered steel for maximum durability and the Quick-Release-Loop offers a convenient way to change the blades quickly! The Smart Trowels Kit includes four blades and the EZ Grip handle (AST1/4SN, AST3/8SN, AST1/2SN, AST316VN and ASTGRIP).

**Sections:**

- How to Use
- Frequently Asked Questions (FAQs)
- Helpful Hints
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Part No.	Description
AST4TK	Smart Trowel Tile Kit
AST1/4SN	Smart Trowel 1/4" X 1/4" S NCH Blad
AST3/8SN	Smart Trowel 3/8" X 3/8" S NCH Blad
AST1/2SN	Smart Trowel 1/2" X 1/2" S NCH Blad
AST316VN	Smart Trowel 3/16" X 5/32" V NCH Blad
ASTGRIP	Smart Trowel EZ Grip Handle

### How to Use

Choose the correct size Smart Trowel blade for your application.

Attach the trowel blade onto the EZ Grip handle.

Push the One-Touch-Button to rotate the grip, then release the button to set the handle position to the desired position.

### Frequently Asked Questions (FAQs)

**What applications are the Alpha® Smart Trowels used for?**

The Alpha® Smart Trowels are used for spreading mortar when installing ceramic and stone tiles on floors and walls.

**What types and sizes of trowel blades are available?**

- o 1/4" x 1/4" Square Notch
- o 3/8" x 3/8" Square Notch
- o 1/2" x 1/2" Square Notch
- o 3/16"x 5/32" V-Notch

**Which Alpha® Smart Trowel should I use for my tile installation?**

- o 1/4" Square Notch: Recommended for small wall tiles
- o 3/8" Square Notch: Recommended for 6" or 8" (floor) to 12" or larger (floor and wall) ceramic tile.
- o 1/2" Square Notch: Recommended for Heavy/Thick (floor and wall) tiles in heavy traffic locations.
- o 3/16" V-Notch: Recommended for small ceramic (floor and wall) tiles, carpet and mosaic.

**What is the reason for the adjustable handle?**

Alpha® designed this adjustable handle for an ergonomic and user-friendly operation. The handle position can easily be changed by pressing the button and moving the handle to the desired location. This adjustable handle is perfect for left and right-handed people and will reduce operator fatigue.

**How do you replace the trowel blades on this adjustable handle?**

Simply turn the Quick-Release-Loop to conveniently change blades.

**What are the dimensions of the Smart Trowel Blades?**

See chart on page 1.

**Helpful Hints**

- Clean the Smart Trowels after use to prolong the life.
- Store in a safe place so you do not damage the Smart Trowels or cause injury from the blades edge.

**Reference**

For more product information, visit us on the web at [www.alpha-tools.com](http://www.alpha-tools.com).