

What Trimmer Line Sizes to Use on Stihl Gas Powered Trimmers

Stihl has a variety of trimmer heads that are interchangeable among its string trimmers. For you to get optimal performance from your trimmer head, you'll need to choose an appropriately sized line. So what Stihl trimmer line sizes should you use with your gas trimmer? Read on to find out.

Diameter

Stihl trimmer lines come in a variety of sizes. They typically range from 0.065 inches to 0.130 inches in thickness. When choosing a line size for your gas trimmer, you'll need to consider:

- The type of trimmer head
- The model of trimmer
- The type of job you're doing

The Stihl FixCut head is compatible with all Stihl straight-shaft trimmers. The thickness or diameter of the line you should use with the trimmer head depends on the trimmer model:

- **FS 55, 56, 70, 80, 85, 90, KM 55, 56, 85, 90** — for these models, use a 0.0195-inch string.
- **FS 110, KM 110** — these models require either one 0.0195-inch string or two strings that are 0.080 inches in diameter.
- **FS 120, 130, 250, KM 130** — the models require either one line that's 0.105 inches in diameter or two 0.095-inch lines.

The FS-KM model can work with all the line sizes above.

Trying to fit a string that's thicker than your trimmer's recommended line size may be difficult due to the holes not being wide enough to accommodate it. On the other hand, using a string that's thinner than the recommended diameter may make the trimmer deliver subpar performance.

Length

Length is also an important size measurement for your Stihl trimmer line. When using just one line with the FixCut head, the maximum length you're recommended to cut for insertion into the head is 20½ inches (520mm). However, for the models that require two strings, each string should be 17 inches (430mm) long.

Don't use a line that's longer than the recommended length. An overly long line will increase the load on your trimmer's engine and lower the operating speed. As a result, the clutch will slip continuously and cause overheating as well as damage to critical components. The damage caused could make the cutting attachment rotate at idle.

As you choose your trimmer cutting line, make sure you pay particular attention to the manufacturer's recommendations. By selecting the correct Stihl trimmer line sizes, you'll get a cleaner and more even cut. You'll also save time by cutting your grass much faster.