



How to Sharpen Chainsaw Teeth

Fast and easy method for sharpening chainsaw teeth using a power drill.

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INTRODUCTION

Chainsaws are very useful for cutting; however, their teeth eventually dull and need to be replaced. This guide provides a simple, easy, and reliable method of sharpening chainsaw teeth quickly.

The possibility of being injured in this instruction is very low, as this instruction requires the chainsaw to be OFF. If the chainsaw is on, it is possible to be severely injured, so leave the chainsaw off. If you are worried about being cut by the chainsaw's teeth, gloves can be worn, but they are not necessary.

Although a Husqvarna chainsaw was specifically used, the details of this instruction will work for all chainsaw types. It may be useful to determine the radius of your chainsaw's teeth to find a file that fits properly. The Husqvarna has a chain pitch, gap between the teeth, of 3/8", which is the radius of the file used.

TOOLS:

- [Power Drill](#) (1)
Any type with removable drill-bit
 - [5/32 round file](#) (1)
 - [Leather Work Gloves](#) (1)
Optional
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Step 1 — How to Sharpen Chainsaw Teeth



- Remove the drill-bit from the drill and insert the file in its place.
- Tighten the file in place by spinning the drill's head near the base of the file.

Step 2



- Stabilize the chainsaw using a mounted clamp.
- ⓘ Tighten the clamp until you no longer need to stabilize the chainsaw yourself.

Step 3



- Inspect the tooth and determine which angle to position the file for sharpening. Make sure that the whole tooth of the blade is flat against the file.

Step 4



- Pull the clutch down to lock the chain in place.
- ⓘ Doing this will prevent it from moving when the chain is being sharpened.
- Use the power drill to spin the file, and slowly move the file along the edge of the tooth. Make sure that light pressure is placed against the tooth. File until sharp.

Step 5



- Unlock the clutch and position the chain of the blade so that the next tooth can be sharpened. Redo steps 4 and 5.
- Do this for all teeth facing that side.

Step 6



- Unclasp the chainsaw and flip it to the other side. Re-clamp the chainsaw using the same method from step 3.
- Redo steps 4 - 6 until all teeth are sharpened.

Following these steps will prevent the tediousness of the process, as well as make the process quicker than usual. The chainsaw can be sharpened multiple times before it is required to be replaced.