

Hand Tools

Screwdrivers

IDENTIFY

People use screwdrivers for chipping, chiseling, scraping, prying, digging, gouging, testing circuits, making holes, stirring paint, propping doors open, and taking the lids off cans; however, this multi-tool has reportedly left workers with cuts, puncture wounds and eye injuries caused from flying fragments.

It's time to use the screwdriver for its sole purpose with a series of safety practices and procedures that will keep your job easy and incident-free.

COMMUNICATE AND CONTROL

Always use the right screwdriver for the job. Memorize the different types – slot, Robertson, Phillips, Torx Drive and Allen Wrench - and match them with the right style and size of screws. A screwdriver too big or small for the screw can lead to damaging the screwdriver, materials or even your hands.

Before you start work, inspect the screwdriver to make sure that the handle is intact, free of splits or cracks, and clean of grease and oil. If the screwdriver shows visible signs of wear and tear - chipped handles, bent shanks, and twisted or excessively rounded tips - remove and/or discard it from the work area immediately.

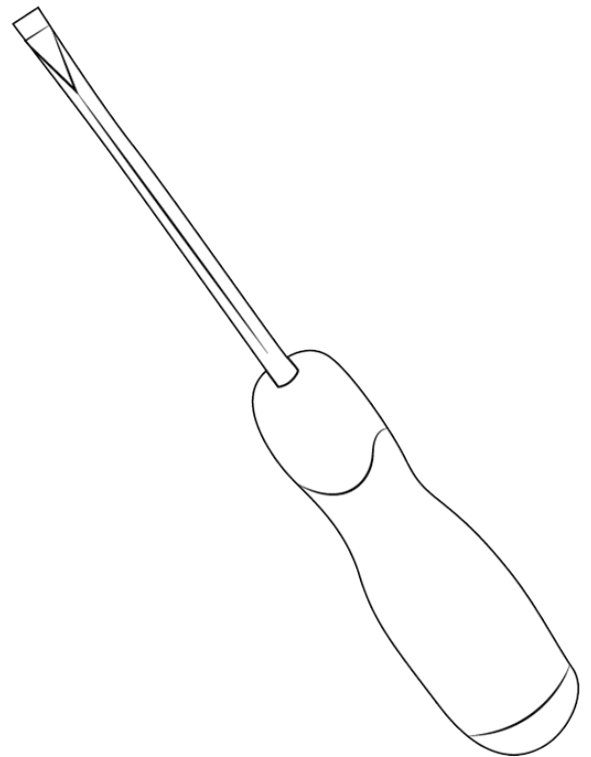
You should only need enough force to keep the screwdriver in contact with the screw. With a properly sized and drilled hole, the screw will draw itself into the material with minimum pressure and guidance.

Don't hold the material in one hand and use the screwdriver with the other. The screwdriver can slip and cut your hand.

Use screwdrivers with large handles for better grip. Don't use pliers on the handle of a screwdriver for more power. To remove stubborn screws, use a screwdriver with a square shank designed for use with a wrench.

DEMONSTRATE

Review the different types of screwdrivers and inspect them for evidence of wear, damage, or misuse.



These questions are meant to help you remember what was discussed today — not to test your patience or challenge your intelligence.

The answers are at the bottom of the page. Cover them up and complete the quiz as quickly as you can.

THE QUIZ:

Hand Tools: Screwdrivers

1. A screwdriver with a smaller handle provides as better grip

TRUE FALSE

2. When inspecting a screwdriver, what signs of wear and tear do you look for:

- A) Splits and cracks
- B) Bent shanks
- C) Chipped handles
- D) All of the above

3. If you come across a 'stubborn screw', what do you do?

- A) Abandon the project
- B) Place a new screw directly beside it
- C) Use a screwdriver with a square shank and reinforce your grip with a wrench
- D) Use nails as an alternative

4. TRUE OR FALSE: You can use any size of screwdriver for any type of screw

TRUE FALSE

5. List the five (5) different types of screwdrivers:

ANSWERS

1. FALSE 2. D 3. C 4. FALSE
5. Robertson, Phillips, Slot, Torx Drive, Allen Wrench

