

Phillips Screws

Phillips screws are cross-head fasteners designed to allow controlled slipping (cam-out) under high torque.

Common driver sizes:

- PH0: Very small electronics
- PH1: Small screws and sensors
- PH2: Most common hardware
- PH3: Large fasteners

Correct Driver Fit

A proper driver:

- Fully fills the screw head
- Has minimal wobble
- Engages all four contact points

Signs of Incorrect Fit

- Stripping or rounding of the head
- Slipping during tightening
- Excessive force required

Using the correct driver size is one of the simplest ways to prevent hardware failure.

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