

# Bolt and Nut vs. Tapped Hole

## Bolt and Nut

A bolt passes through two or more materials and is secured with a nut on the opposite side.

### Advantages:

- High strength connections
- Easy to replace damaged hardware
- Good for structural joints

### Disadvantages:

- Requires access to both sides
- Can be slower to assemble

## Tapped Hole

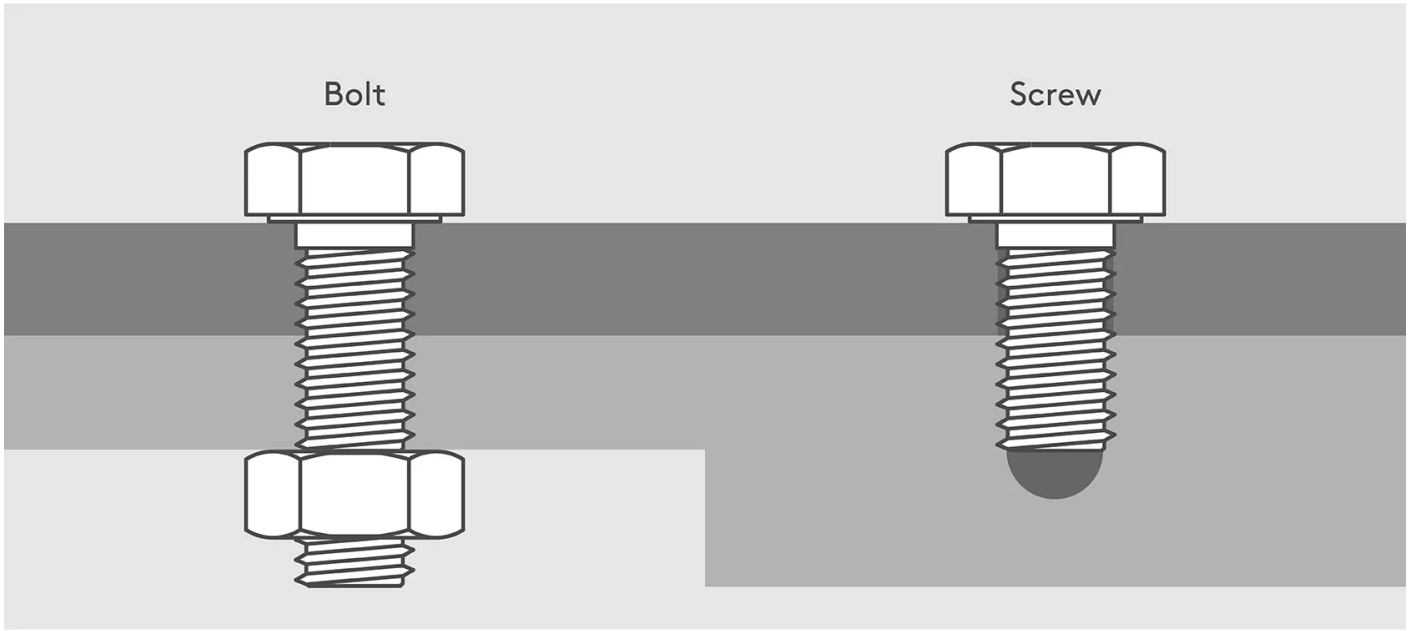
A tapped hole has internal threads cut into the material, allowing a screw to thread directly into the part.

### Advantages:

- Only one-side access needed
- Clean and compact assemblies

### Disadvantages:

- Threads can strip if over-tightened
- Not ideal for thin materials



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