

HAMMER

Suitable for: Wood and metal

Family: Percussion tools

DESCRIPTION AND FUNCTION

- Hammers are used to hit a direct or indirect target, causing its movement, collapse or deformation.
- They are used for driving, deform or break objects.
- Its structure consists of an iron or steel **head** attached to a **handle**, usually made of wood.
- There are different types of hammers depending on the use for which they are intended:



- Carpenter hammer:** Formed by a head with two parts. The first one is flat and it is used to strike. The second one has a kind of claw used to remove nails from the place they have been nailed.
- Ball Hammer:** Formed by a head with two parts. A flat portion that is used to hit, and another with a ball that is used to shape metal sheets.
- Mallet:** Used to hit the surface without damaging it; typically, they are made of wood, rubber or nylon.



Carpenter Hammer



Ball Hammer



Mallet

USAGE RULES AND MAINTENANCE

- Use a proper hammer for every situation.
- Wooden and plastic mallets prevent marks when working with soft materials.
- Strongly support or use a holding tool to prevent ricochet.
- Hold the handle on the end and hit with the complete surface of the hammer.
- When hitting nails, hold them by the head and not by the end. Start with soft shots and then use harder shots (otherwise nails can twist/double).



SAFETY RULES

- The handle must be free of cracks.
- The head should be firmly attached to the handle to prevent it from flying.
- Never use a hammer with greasy hands.
- Avoid the exposure of the free hand to the hammer.
- If you are hitting surfaces that may cast particles security goggles should be used.

Claw: Garra **Ricochet:** Rebote **Cast:** Proyectar **Goggles:** Gafas