

## 2.4 Cleat

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Cleats are shaped pieces of metal or wood, for example on a boat or ship, to which ropes are attached. It can also be a number of projecting pieces of metal, rubber, or other material on the sole of a shoe. This design will prevent the wearer from slipping on mud or wet surfaces. Cleats have several functions and can be used in more than one situation.



FIGURE 18 Cleats are used in different objects for different reasons.

### Exercise 1

- 1 Name three of the different parts of a ratchet.
- 2 Why are disc brakes part of **systems** and control?
- 3 Is a disc brake a **wheel** or a **cylinder**?
- 4 What force do you need to stop a disc brake?
- 5 Does a brake cable on a bicycle work as a **cantilever**?
- 6 Find more information on where cleats can be used.
- 7 Write a paragraph on how a ratchet and pawl mechanism can affect people's safety.

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