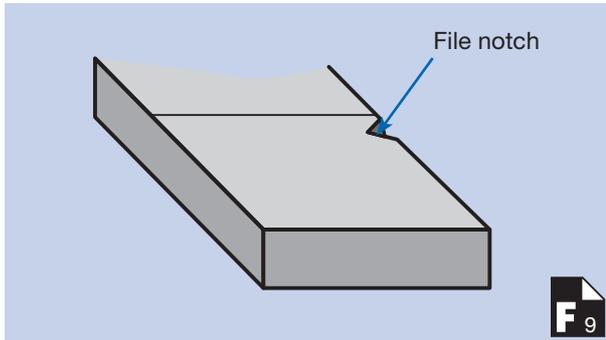


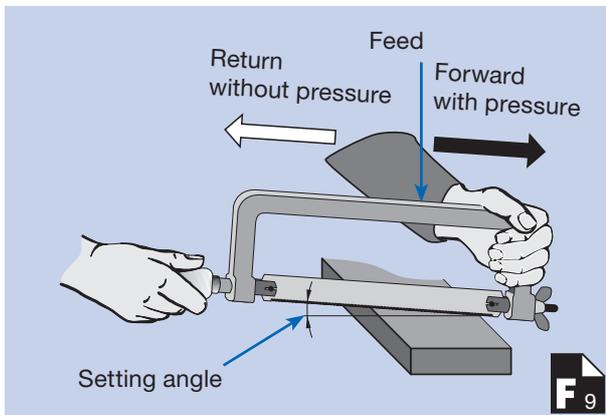
### 4.3 Filing and notching

#### Filing



For better guidance of the saw blade when notching, use the triangular file to file guide notches into the "waste piece" close beside the scribing line.

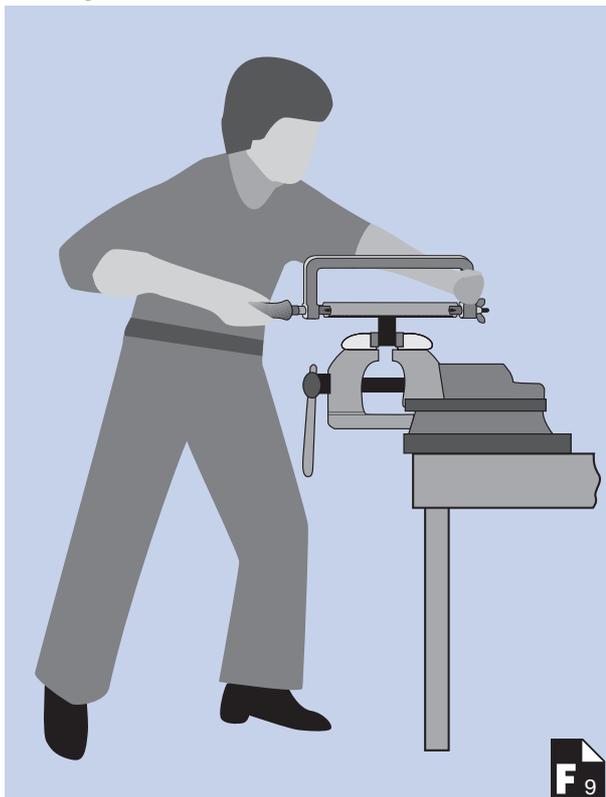
#### Setting angle



The scribing line must remain visible. Use a small setting angle and low pressure when notching to avoid the saw slipping away to the side.

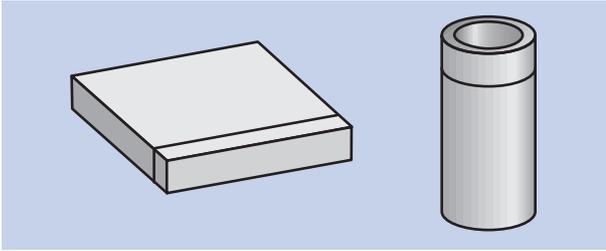
When the saw is fully extended, increase the cutting pressure and make use of the full length of the blade.

#### Holding the saw



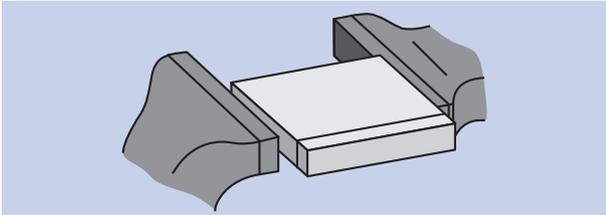
When sawing with the hacksaw, the movement is generated from the arms and supported by moving the body in tandem. For free and unobstructed movement, make sure that you stand the correct distance away from the workpiece.

## 4.5 Work technique

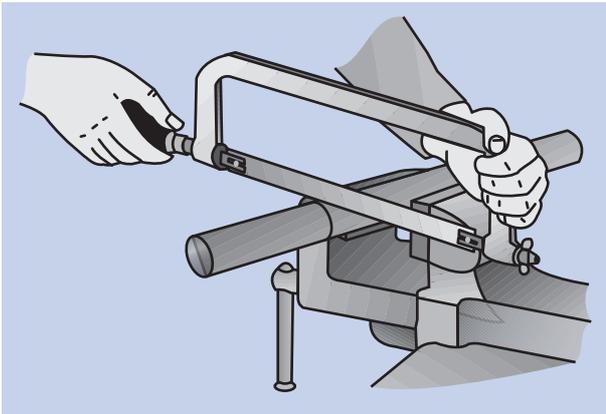
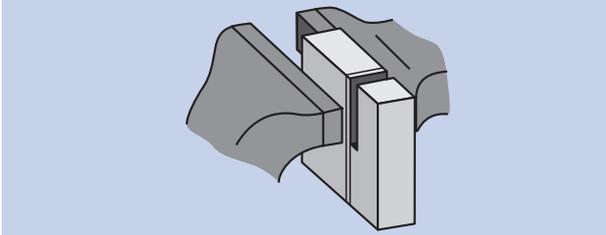


Scribe workpiece with working allowance if necessary

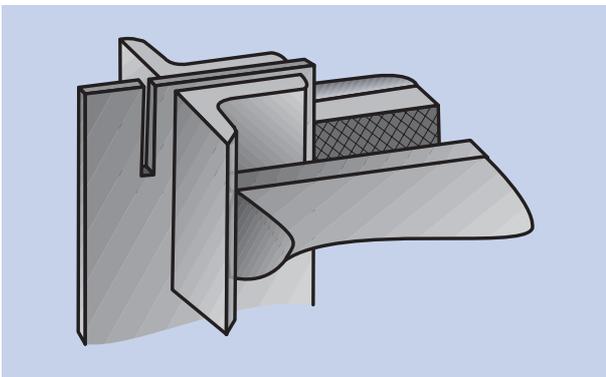
- ▶ Scribe round steels and pipes all the way round



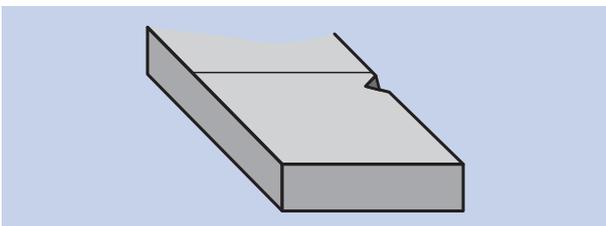
Clamp the workpiece tight inside the vice vertically or horizontally as close as possible to the interface and taking the cutting length into account.



- ▶ Tension round steel or pipes in prism jaws or use the pipe clamping jaws located underneath the vice jaws.



- ▶ Tension thin or long sheets between angles. This prevents bounce during sawing.



For better guidance of the saw blade when notching, use the triangular file to file guide notches into the "waste piece" close beside the scribing line.

#### 4.8 General information about occupational safety

- ▶ The workpiece must be clamped tight inside the vice.
- ▶ File in guide notches for better guidance of the saw.
- ▶ Use a small setting angle and low pressure for notching.
- ▶ Reduce the pressure on the saw shortly before reaching the end of the cut.
- ▶ Deburr the workpiece after sawing.
- ▶ Remove file chips with a hand brush only
- ▶ Replace faulty and bent saw blades.

#### 4.9 Protection of the environment

- ▶ Dispose of chips removed and residual pieces separated from workpieces in the designated containers.