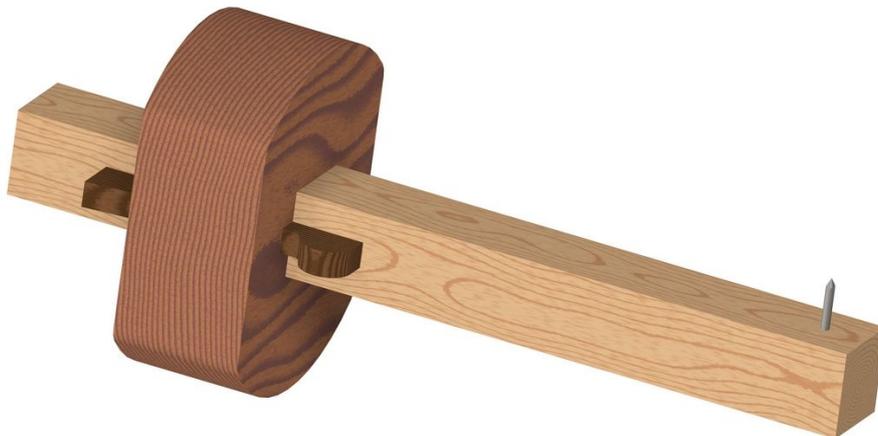


Marking gauge plan

On this page you can download the free woodworking plan for making a Marking gauge. The marking gauge is used for laying out lines along the grain of the wood. Marking gauges consist of two main parts, a fence (stock, head) and a stem (bar, beam). The stem carries a pointed metal spur at the end. The fence can be fixed to any position along the stem by a wedge. Marking gauge is an essential tool for basic carpentry and joinery. It is used to score a single line parallel to the face side or face edge, when planning a piece of timber to size, and for marking out rebates and simple joints. The spur is simply a nail with its head cut off and hammered into the end of the stem. The spur is used to score the surface of the wood, leaving a slight indentation line. The indentation line is sometimes not clearly visible, so you can make it more visible by using sharpened pens.

The marking gauge is one of the more accurate tools for marking lines parallel to an edge.



To use the gauge, first set the distance from the spur to the fence. Tighten the fence to the stem by tapping the back of the wedge with a piece of wood. Check the setting and make final adjustments by tapping either end of the stem on the bench top. To loosen the fence tap the front of the wedge.

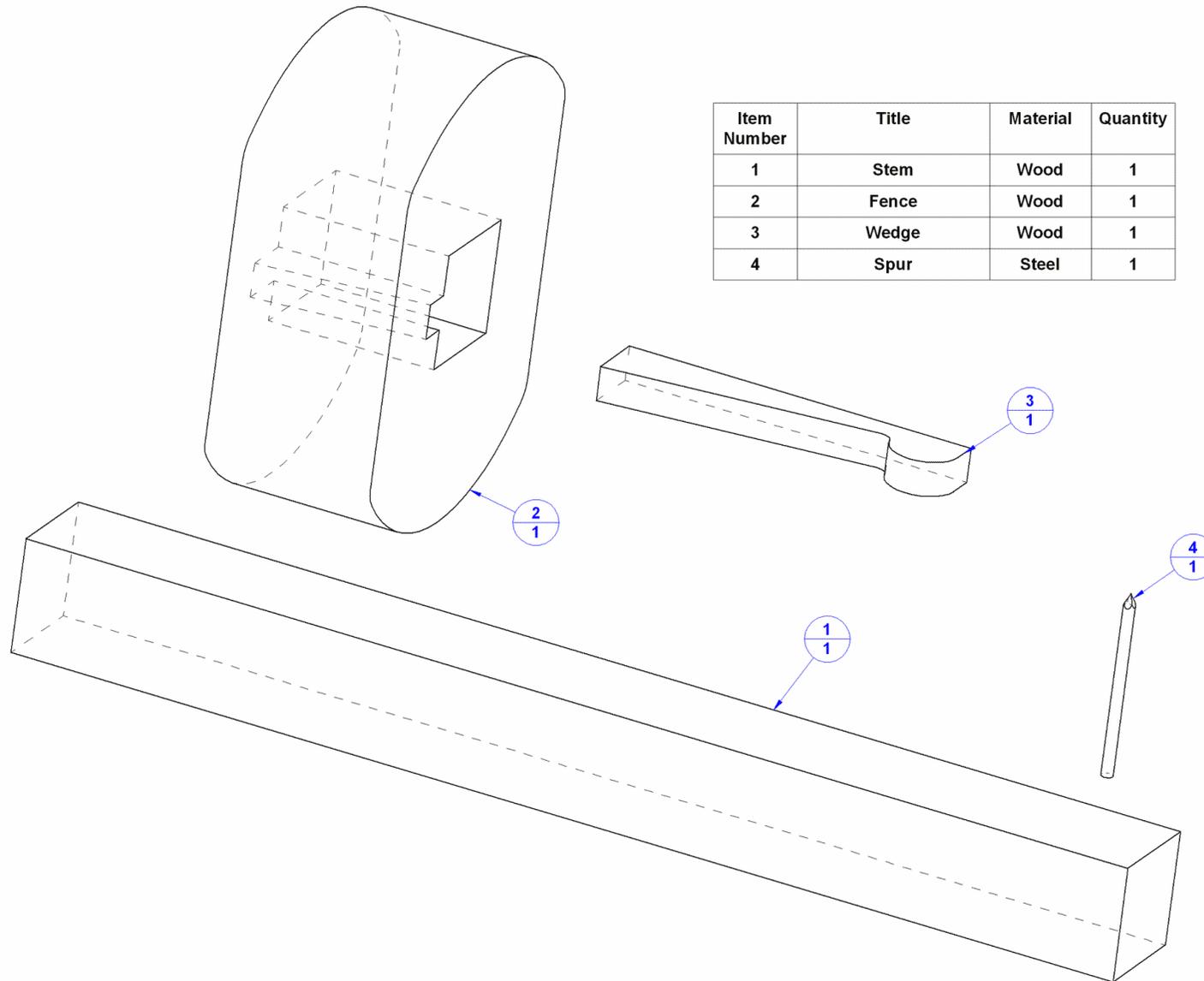
Usage:

- for marking lines parallel to straight working surfaces
- to provide a straight line to guide planing or sawing
- to lay out mortises, tenons, etc.

The marking gauge in our plan uses a wedge for fixing the fence, which was typical of the old marking gauges. Today, a thumb-screw is used instead of a wedge. On the stem, industrial marking gauges have marked divisions of a rule, which can also be marked off in various ways when it comes to the marking gauge from our plan.

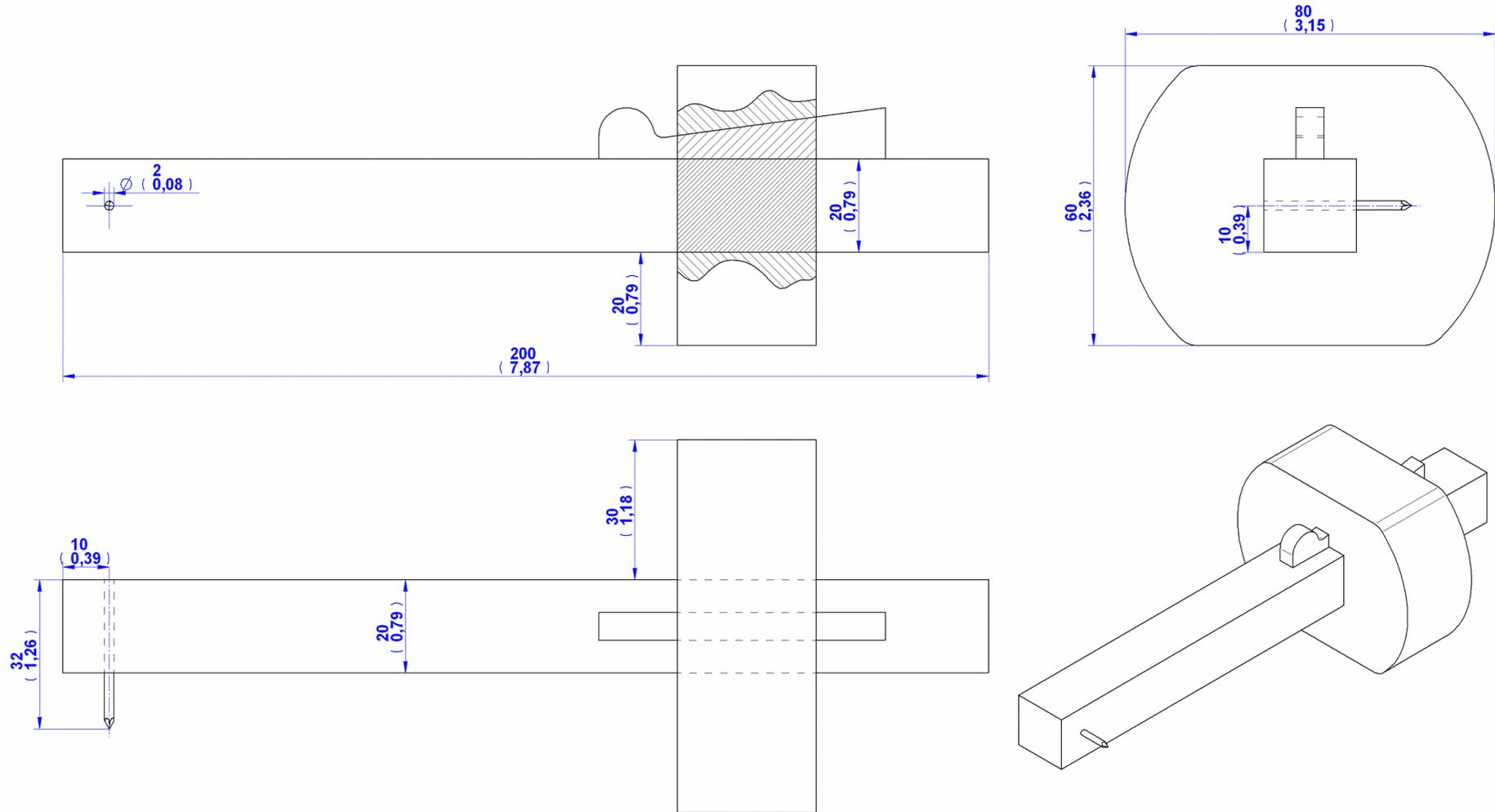
As you can see, the marking gauge in our plan is intended to be made of wood. Industrial marking gauges are made of wood, metal or a combination thereof. Metal marking gauges are high quality, and if you need a marking gauge for precise professional work, consider purchasing one such proven model.

Parts List

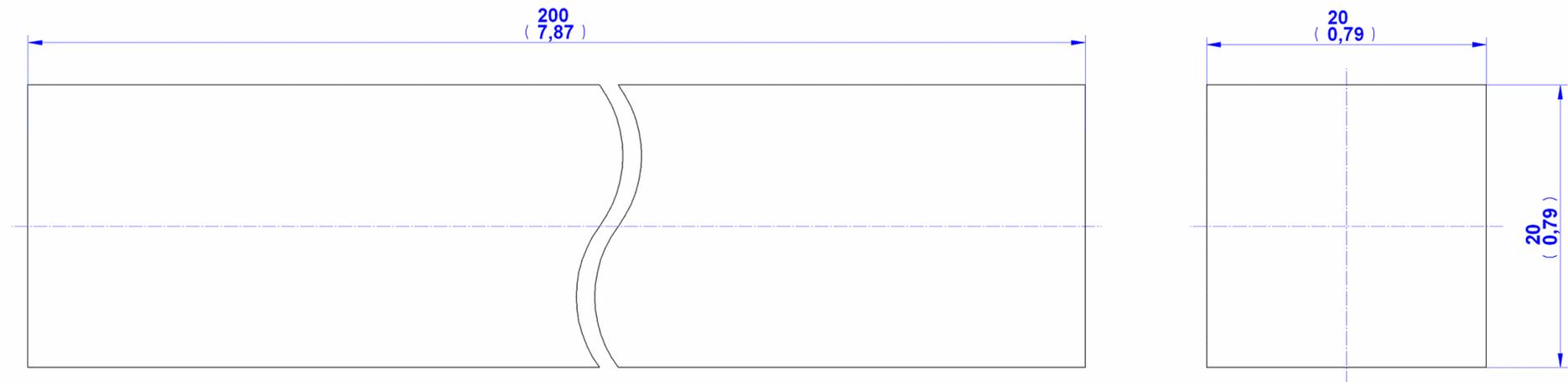


Item Number	Title	Material	Quantity
1	Stem	Wood	1
2	Fence	Wood	1
3	Wedge	Wood	1
4	Spur	Steel	1

Assembly Drawing

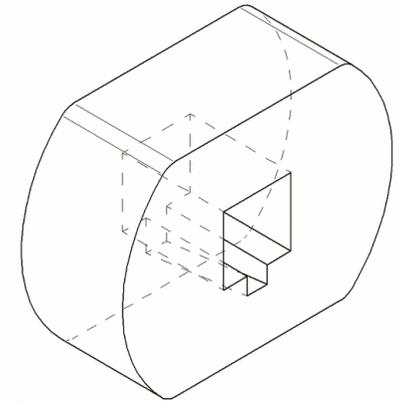
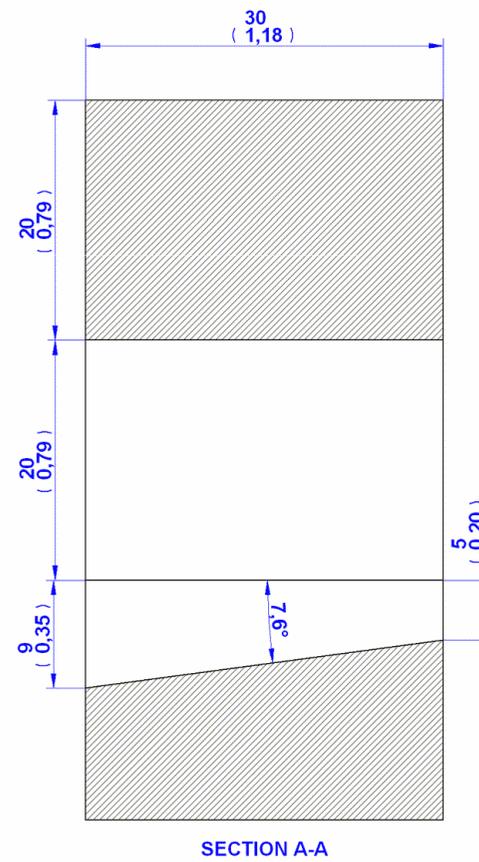
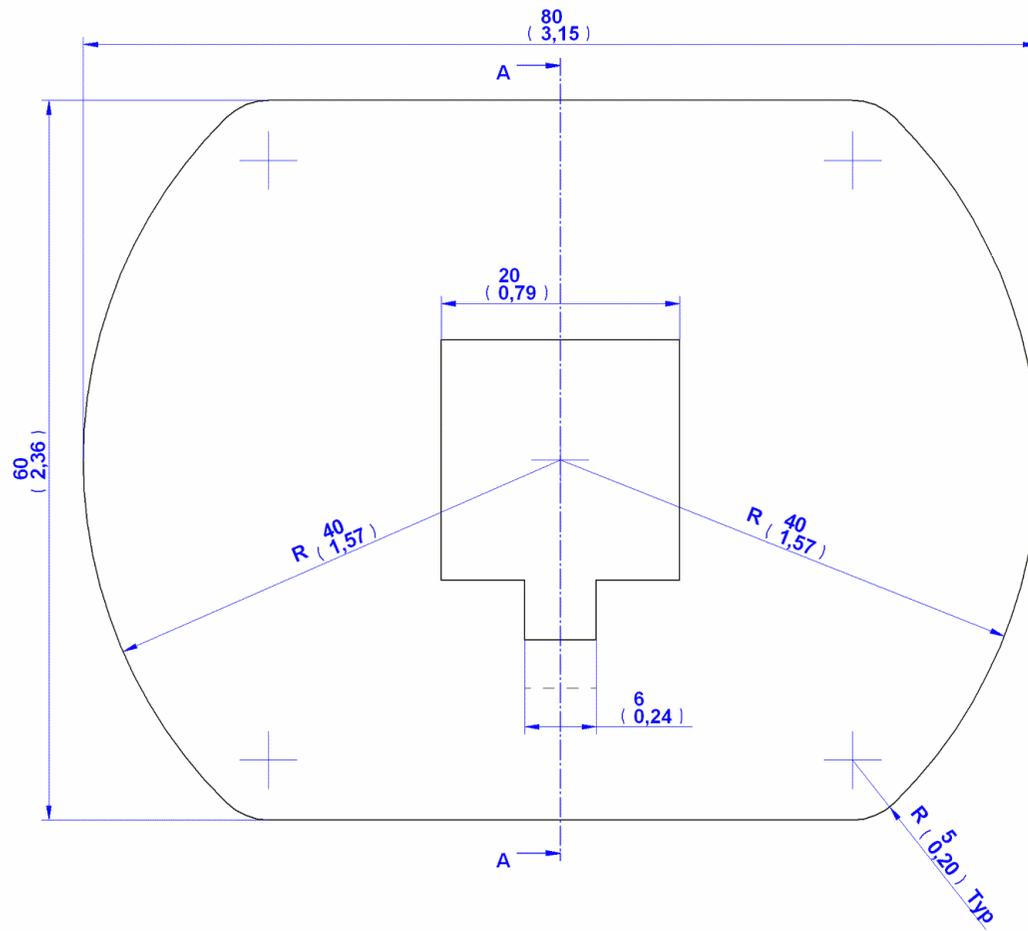


1. Stem



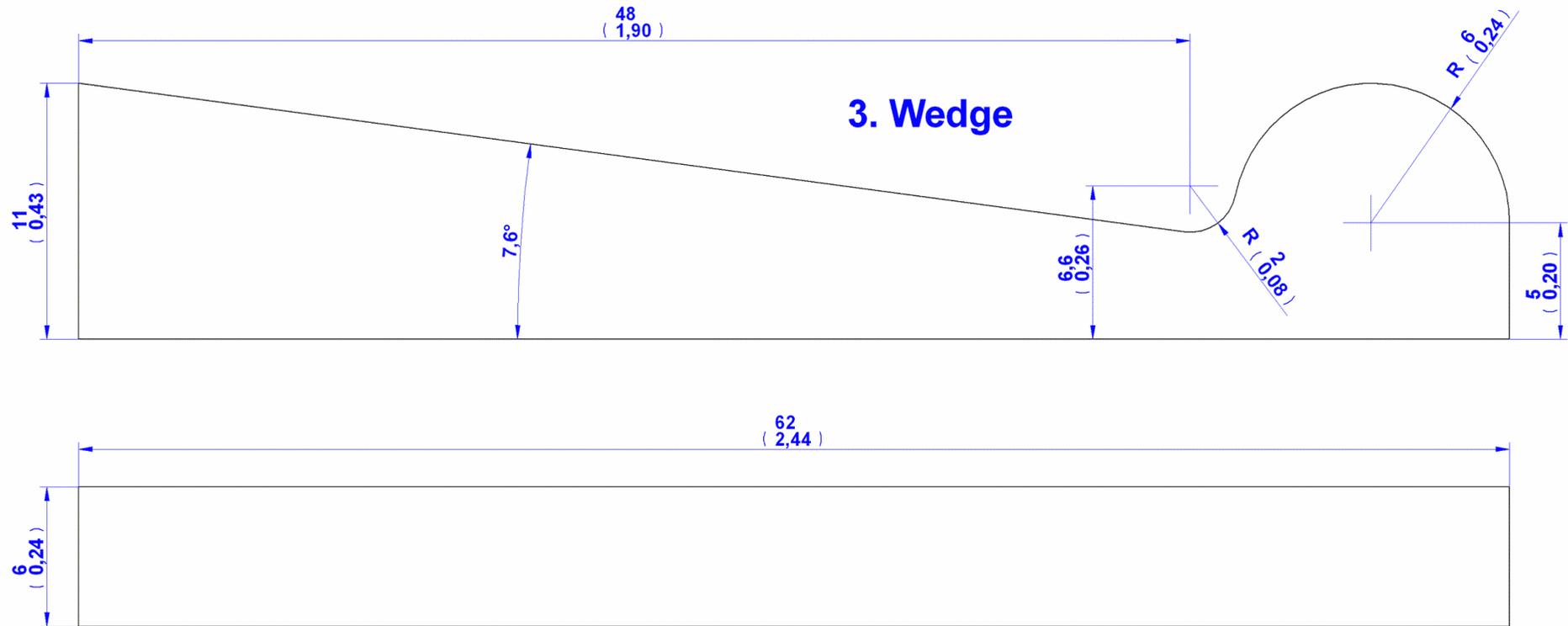
1. Stem

2. Fence

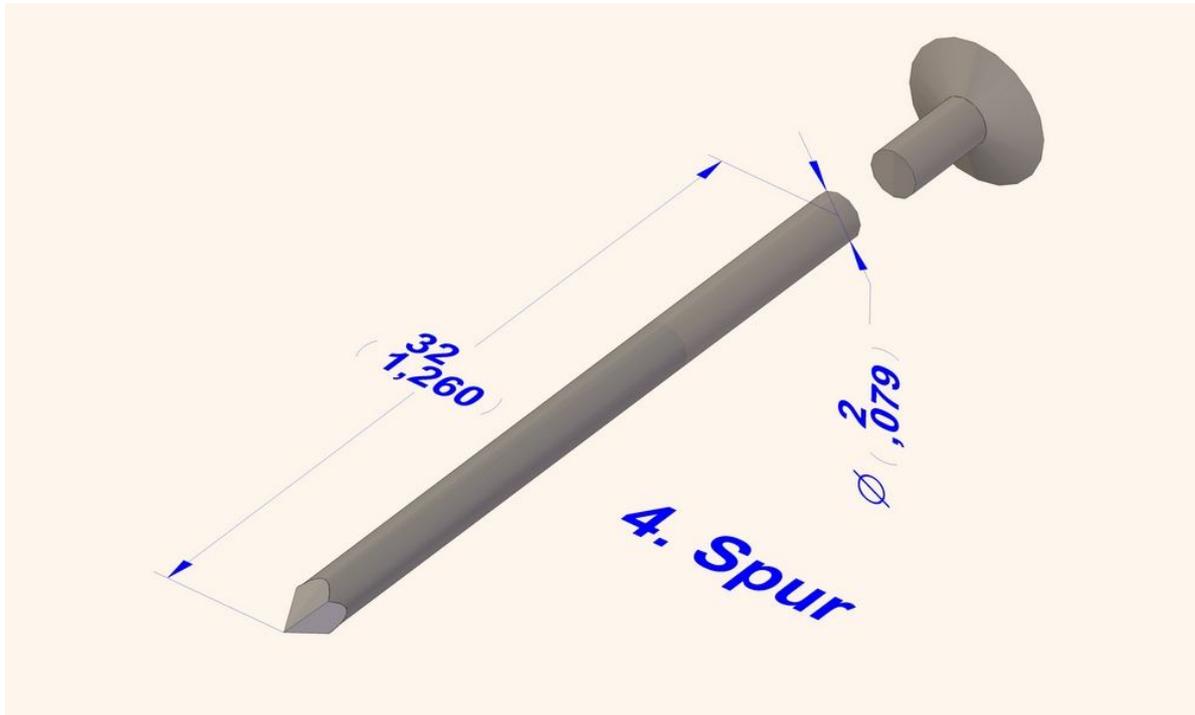


2. Fence

3. Wedge

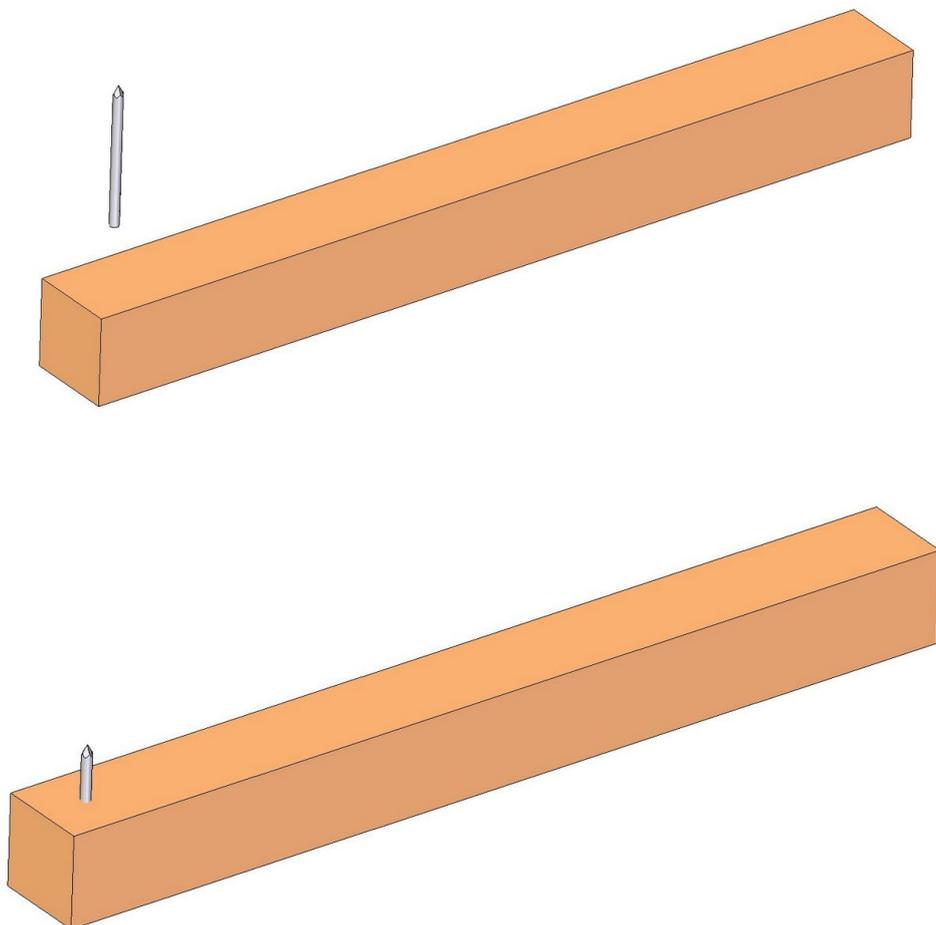


4. Spur

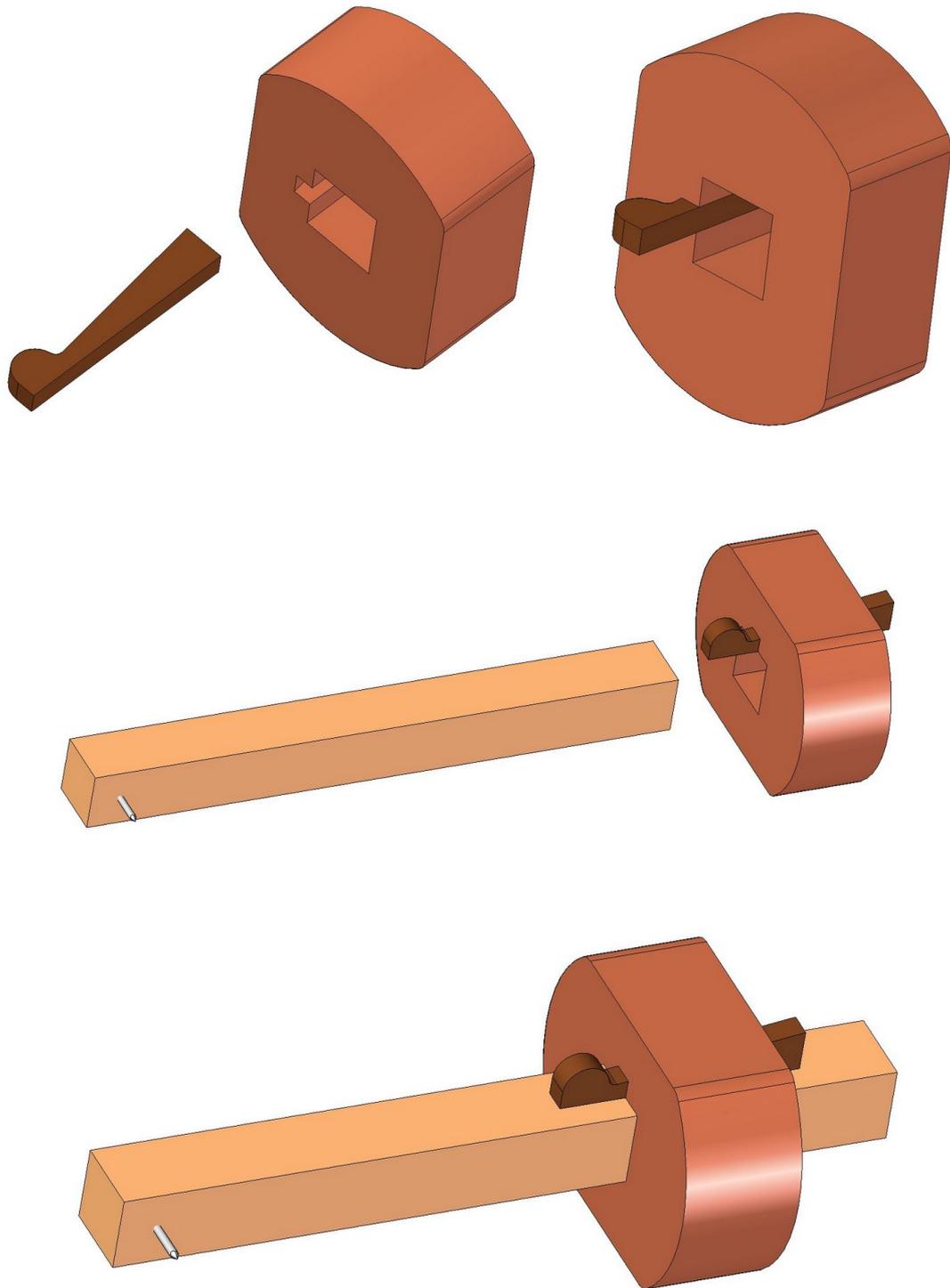


Assemblage images

1.



2.



Using the Marking gauge

To use the gauge first set the distance from the spur to the fence. Tighten the fence to the stem by tapping the back of the wedge with a piece of wood. Check the setting and make final adjustments by tapping either end of the stem on the bench top. To loosen the fence tap the front of the wedge.