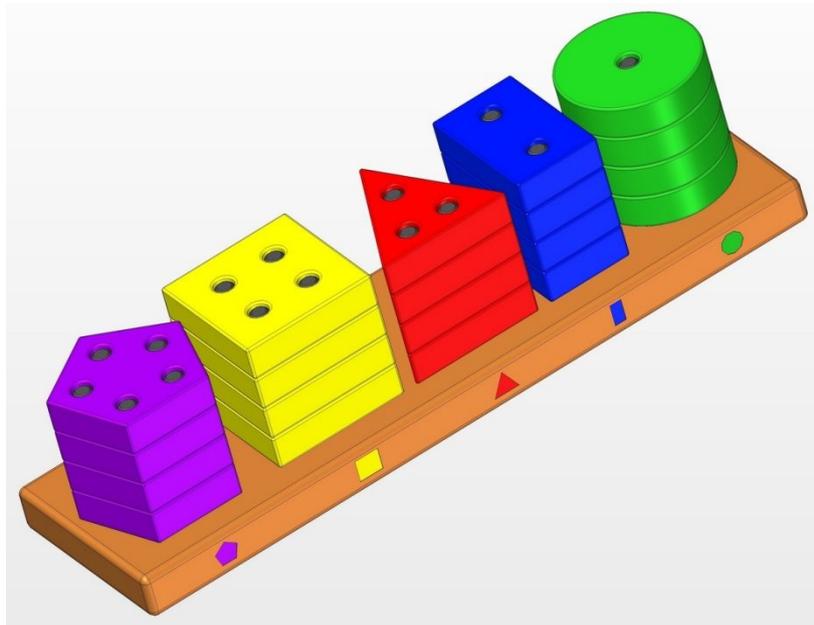


## Stacking and sorting toy



With this free plan you can make a Stacking and sorting toy. The toy is made from wood and consists of five different geometric shapes (4 pieces made of each shape) and a board on which the shapes are stacked together according to shape, color and number of holes in the middle of each piece (pieces of the same geometric shapes are painted the same color and have the same number of holes). The point of this toy is that the children (toddlers and preschoolers) become inspired to build early shape, color and number differentiation skills.

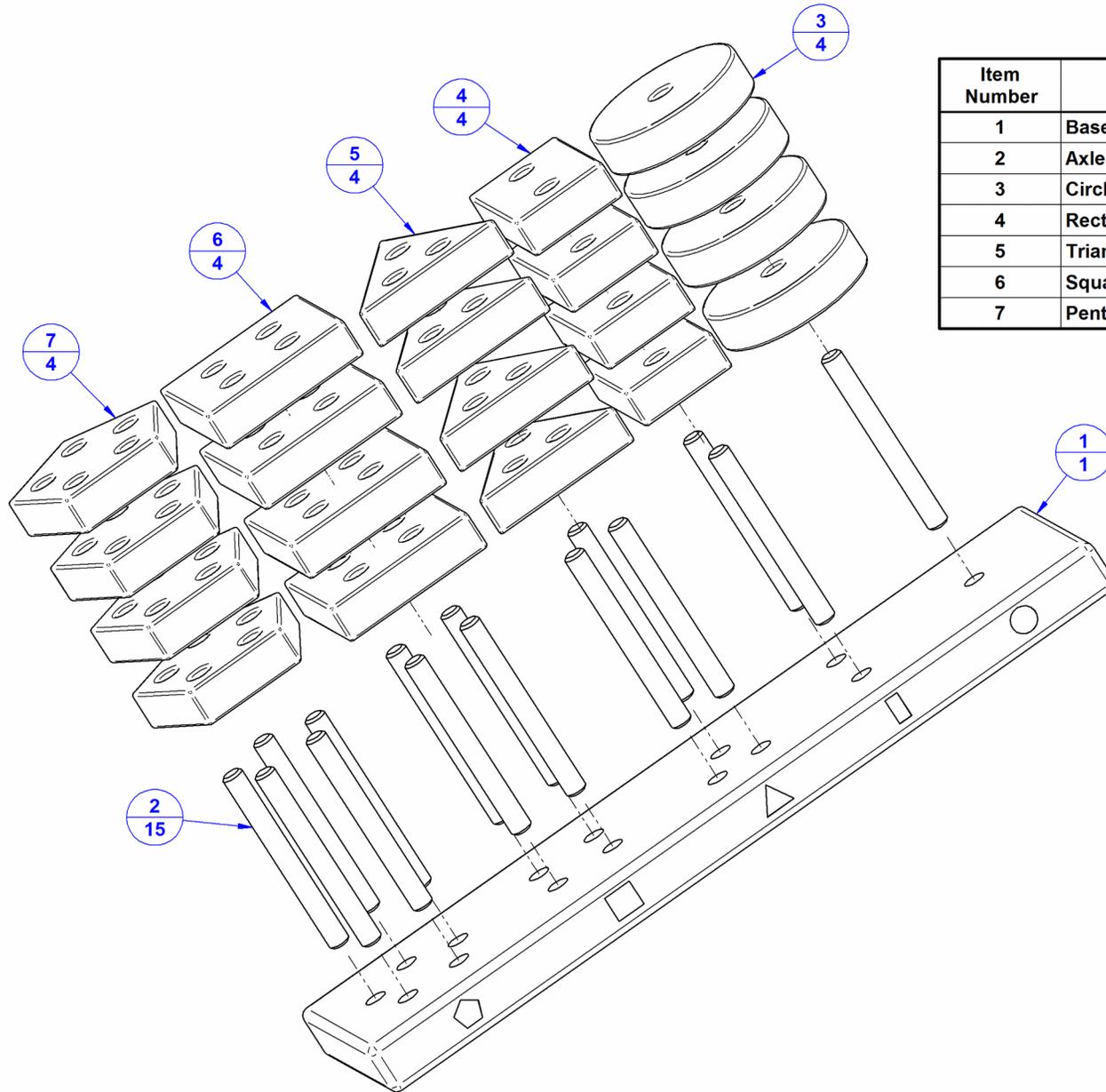
The Stacking and sorting toy is great wooden toy that will help your child to develop visual perception, hand-eye coordination and learn to distinguish various geometrical shapes, counting and colors through play. As one of the most attractive learning kids toy, it encourages children to observe, evaluate and compare various objects while inserting them into the openings on the toy.

So, if you have a children or grandchildren and you want to make them happy, you should definitely make this interesting educational toy. It is not difficult to make it and it will be passed from generation to generation in your family for sure.

You can make this toy from scrap wood left over in the workshop from your previous projects. You won't need any advanced woodworking skills, and the whole toy can be created with essential tools found in anybody's home (drill machine, hand saw, sandpaper...).

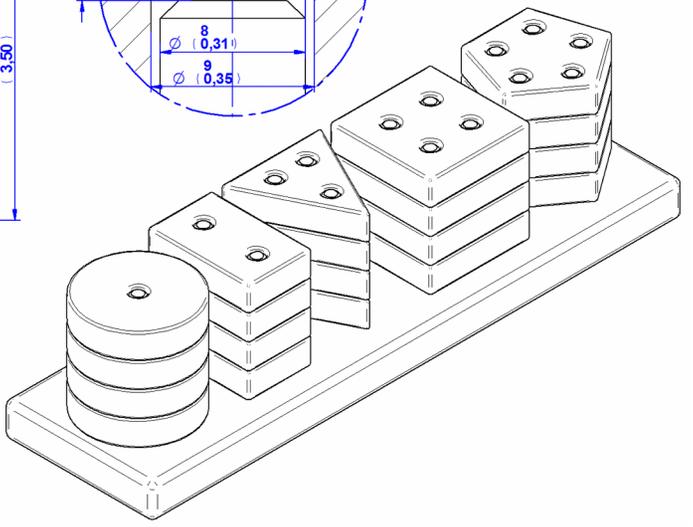
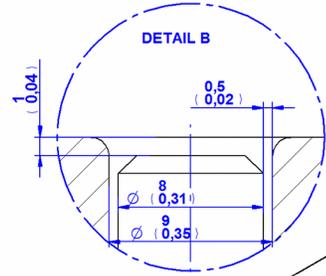
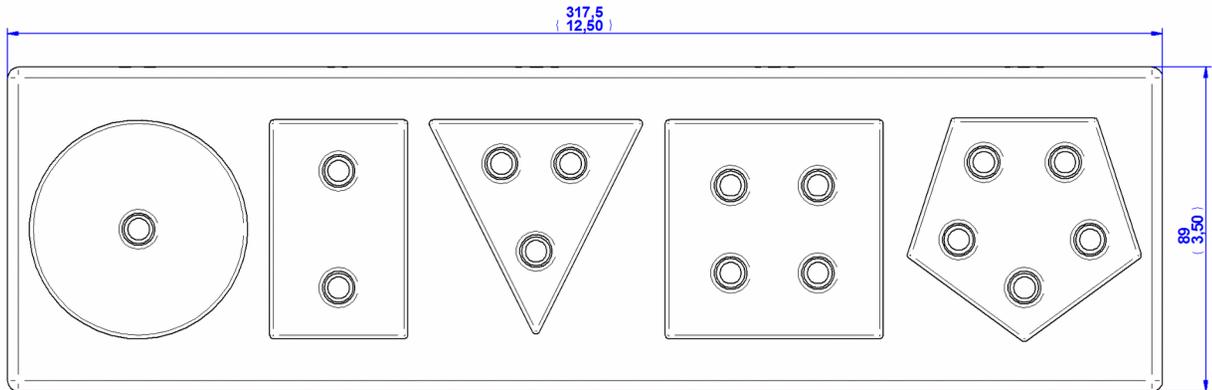
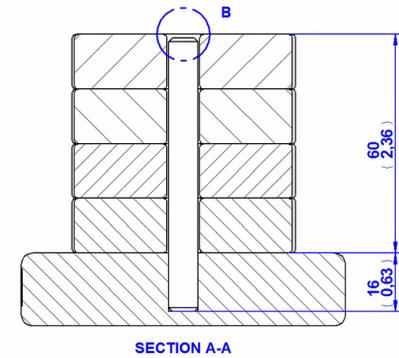
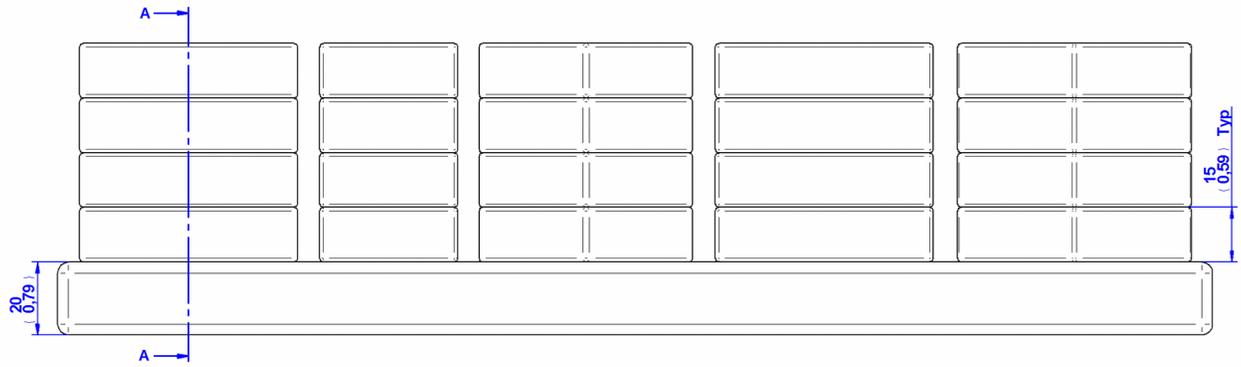
You can paint the toy pieces with some child-safe finish to guarantee that there are no harmful substances. If you want to avoid using the finish, make each geometric shape from different type of wood to differentiate the color. Today, sorter toys like this one can be bought at literally every toy store, which only confirms the fact that they are popular simply because the kids enjoy playing with them. If you have some basic skills which are required and generally love DIY projects, this toy is ideal for you to make it. Not to mention that wooden toys are not cheap, either, as prices get much higher for every product labeled with prefixes such as 'eco-friendly', 'all natural' and the like.

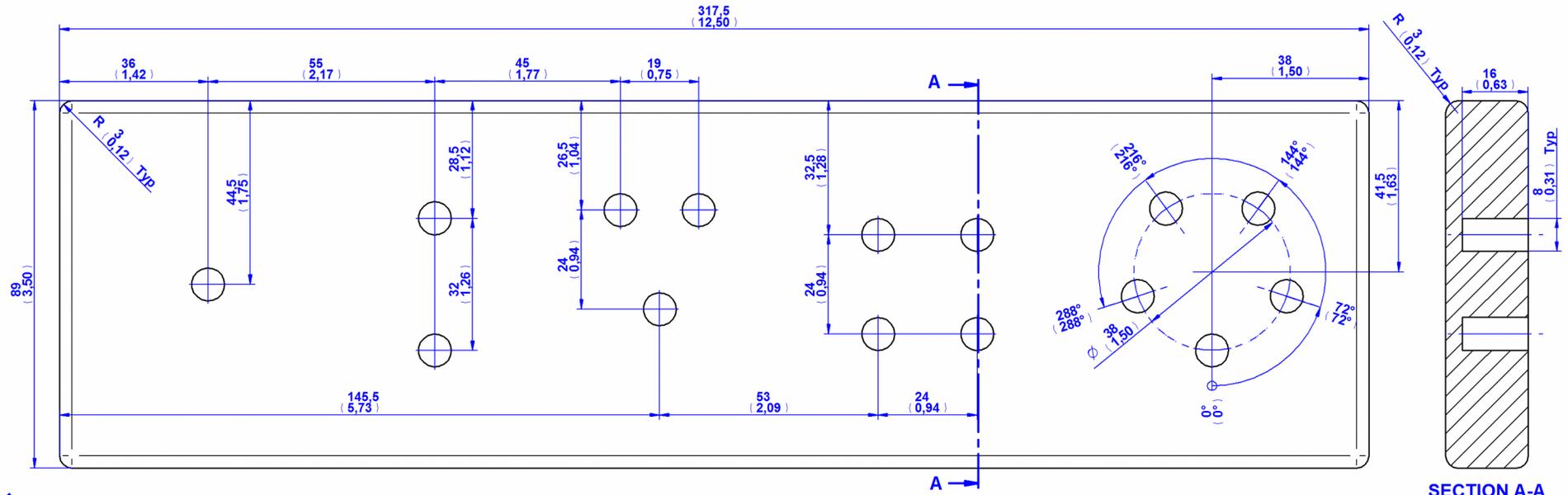
# PARTS LIST



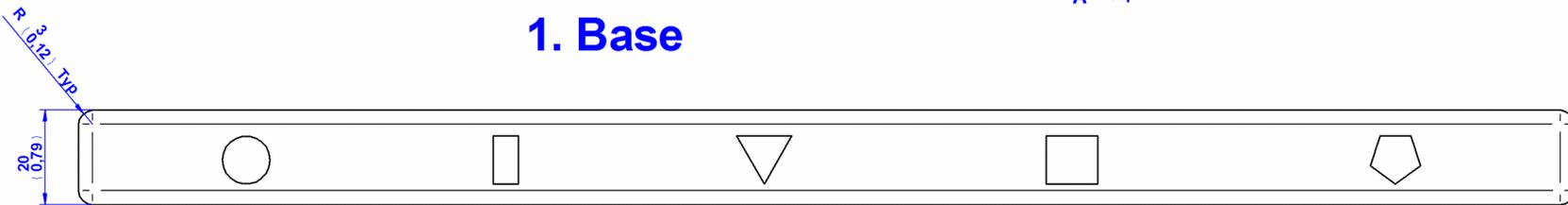
Item Number	Title	Material	Quantity
1	Base	Wood	1
2	Axle	Wood	15
3	Circle	Wood	4
4	Rectangle	Wood	4
5	Triangle	Wood	4
6	Square	Wood	4
7	Pentagon	Wood	4

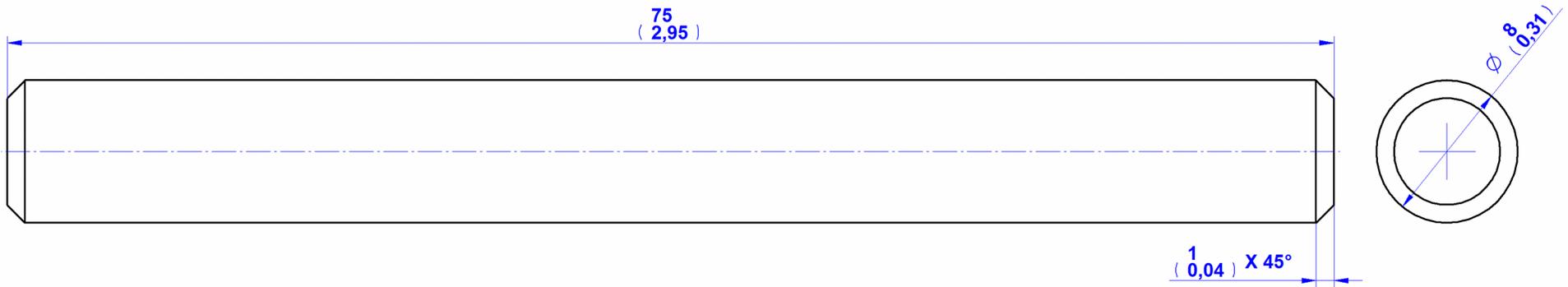
# 2D Documentation



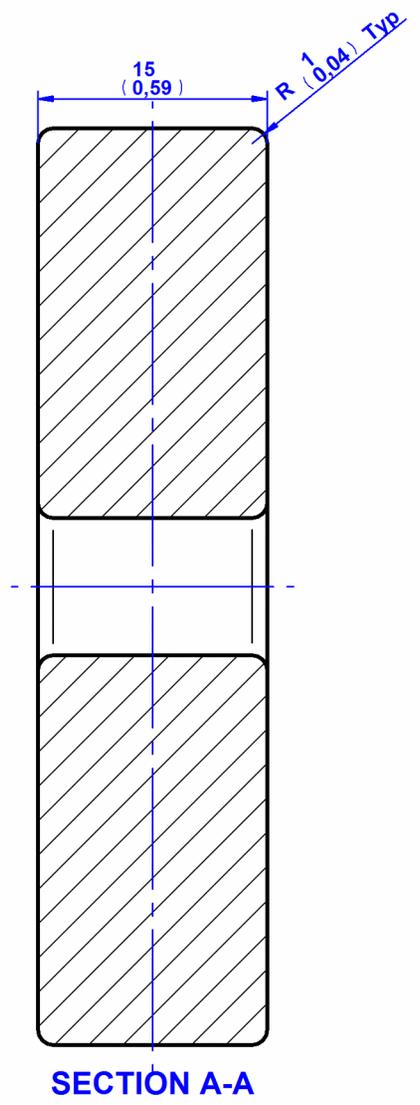
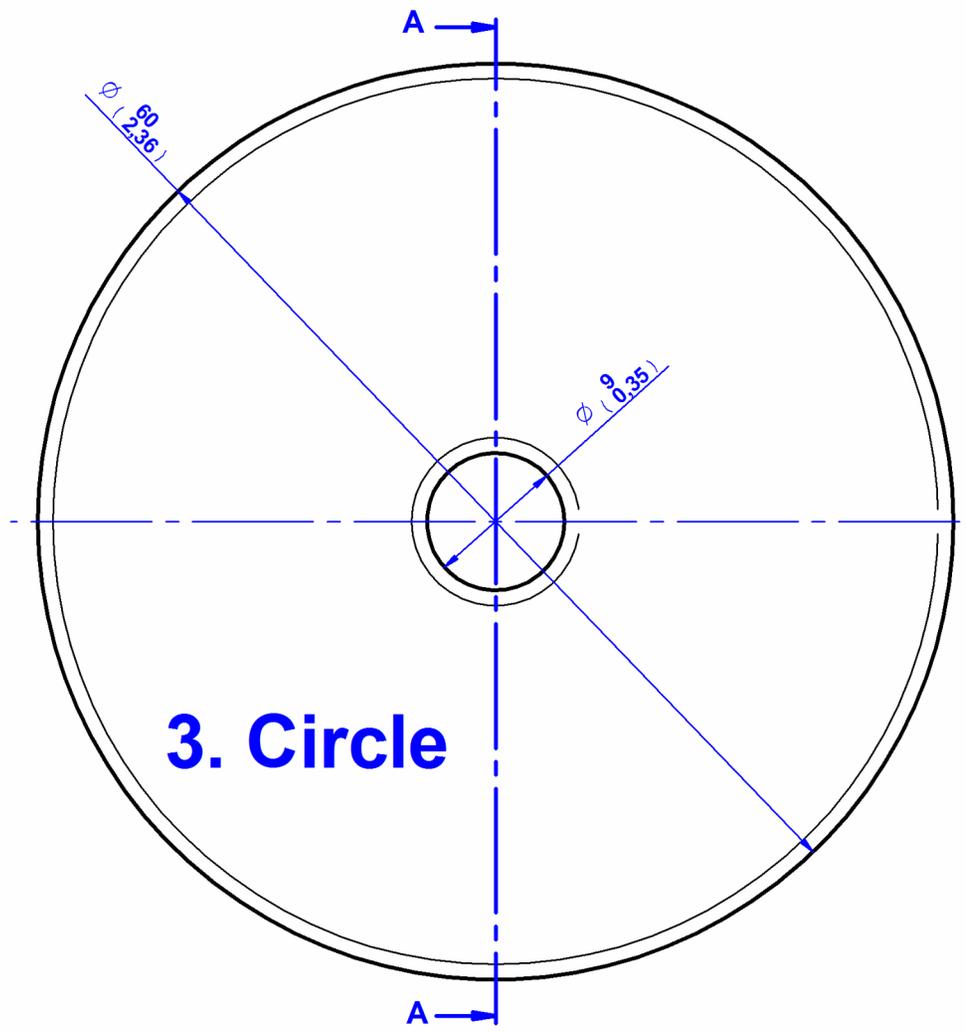


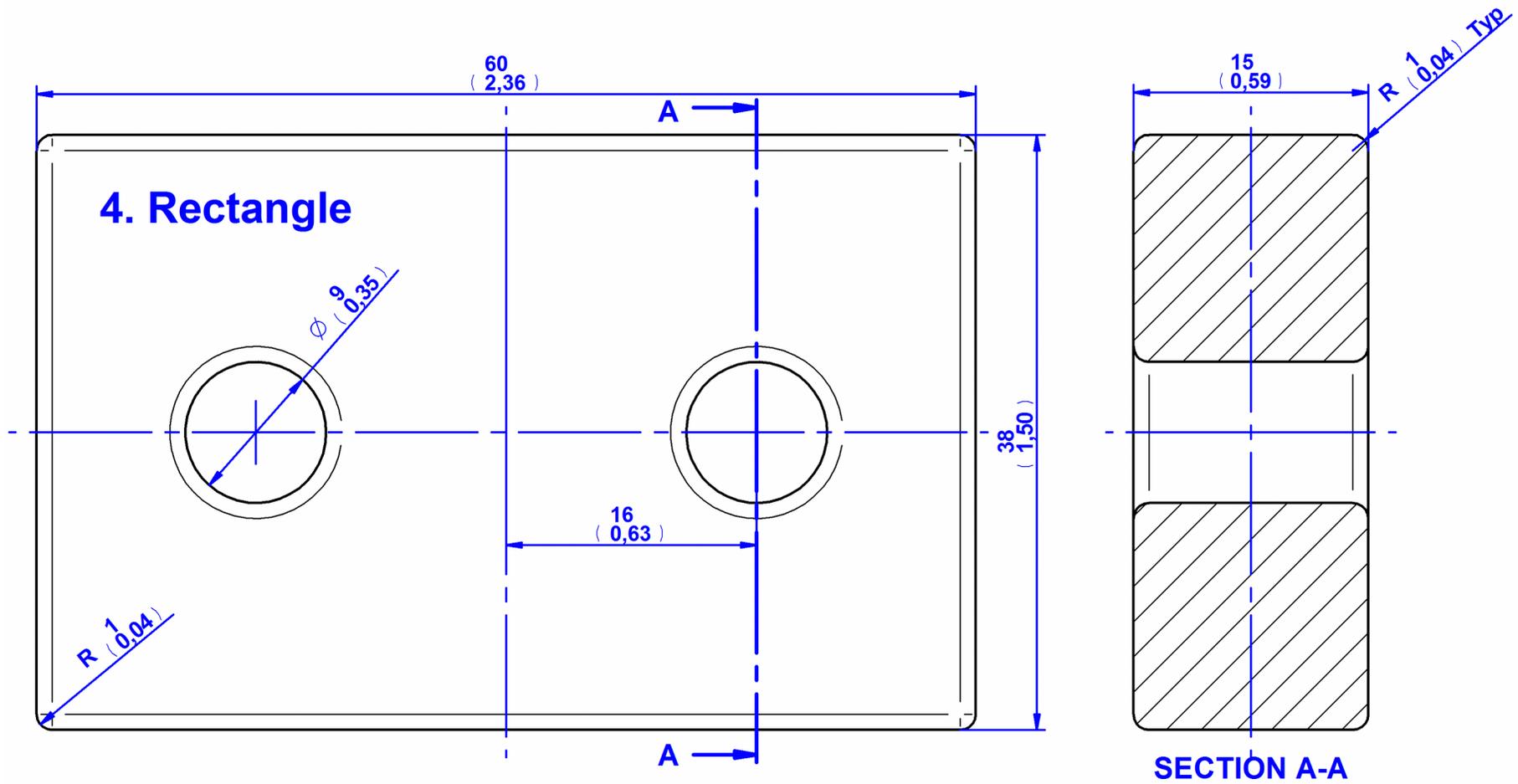
# 1. Base



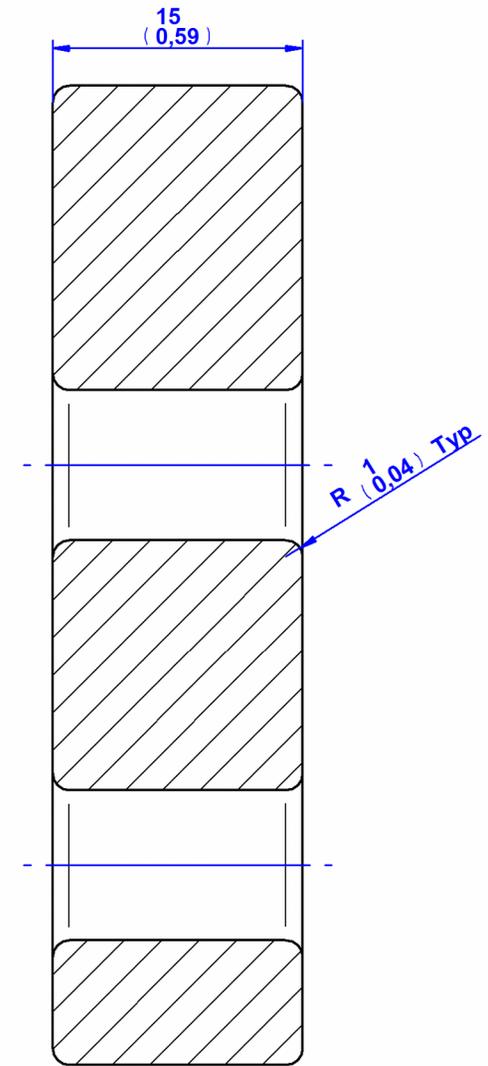
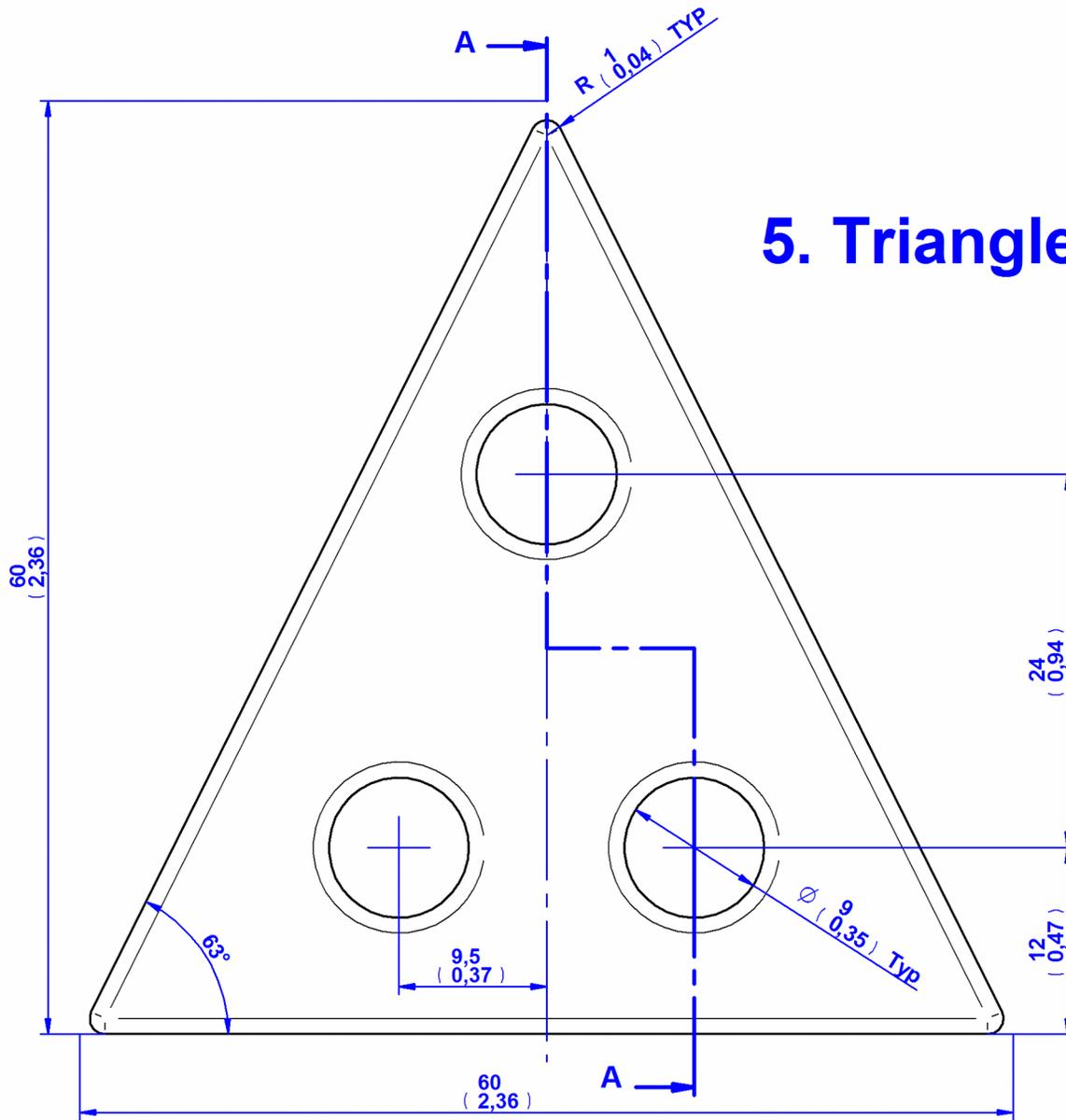


## 2. Axle

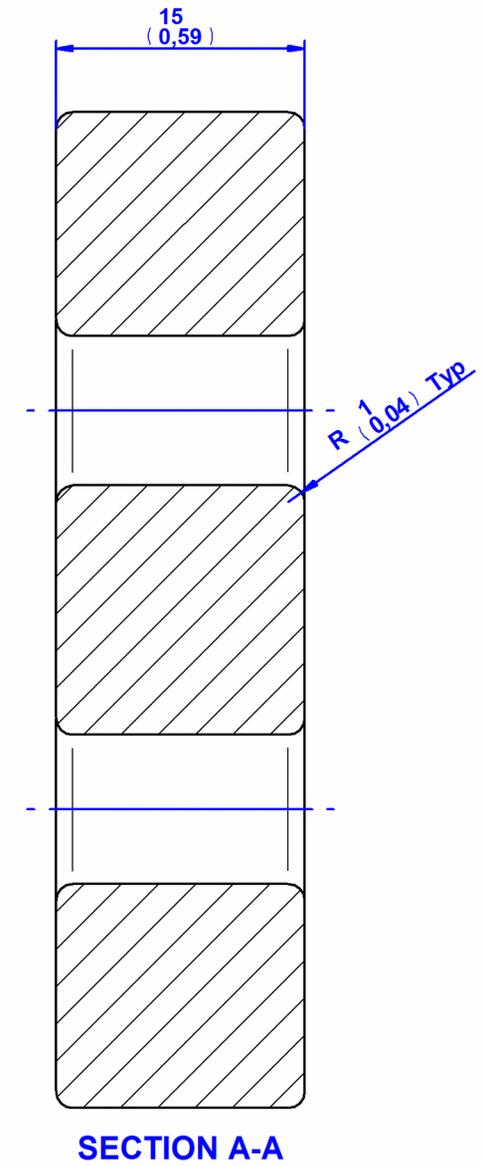
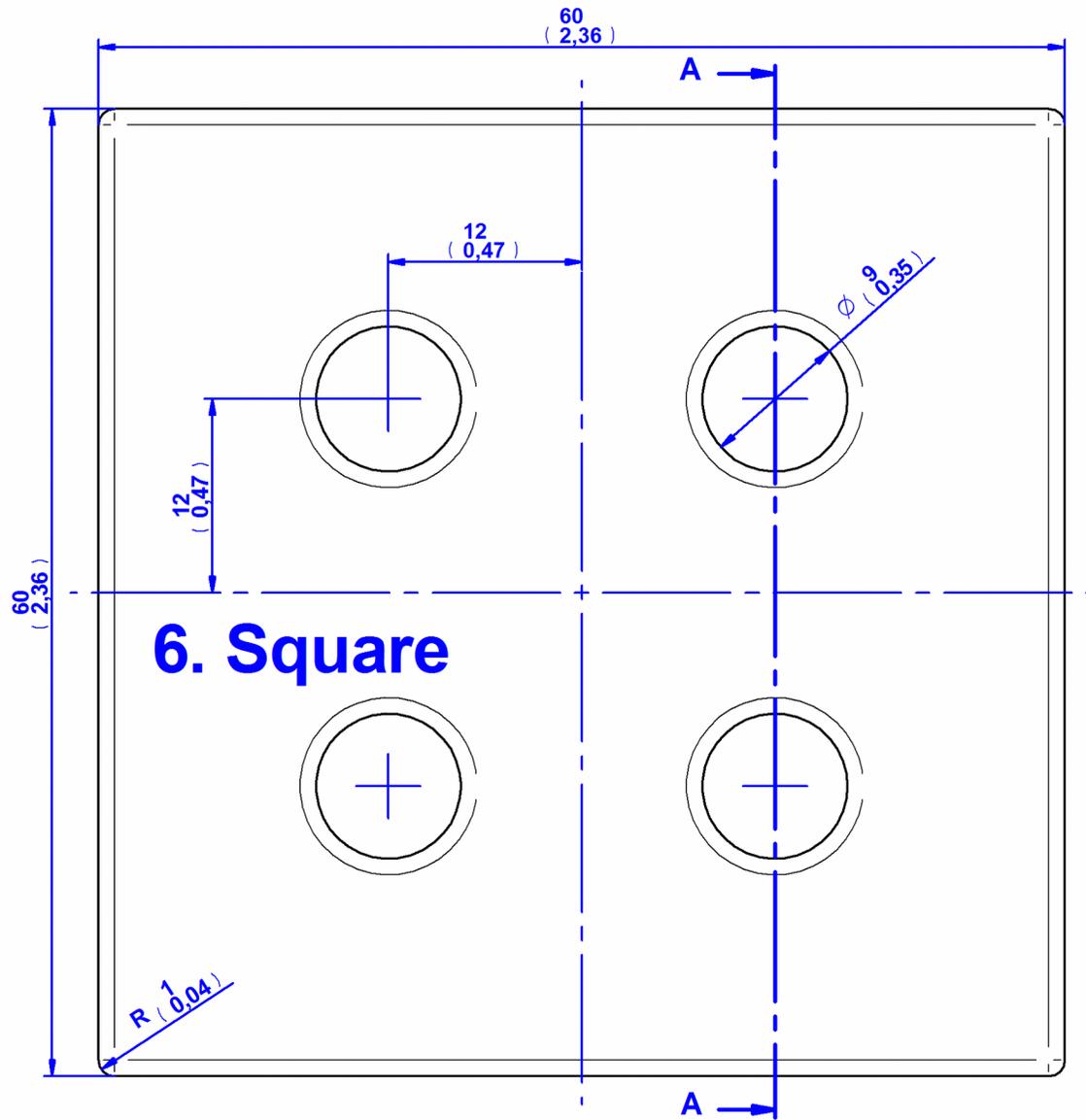




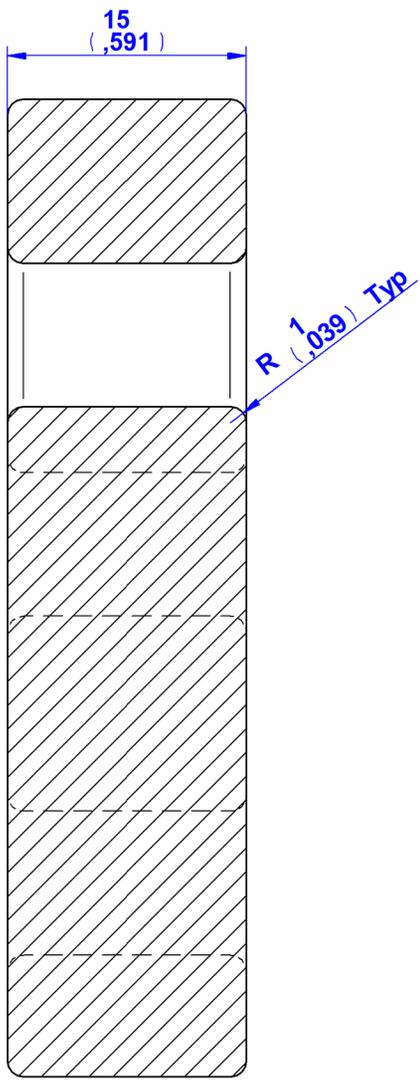
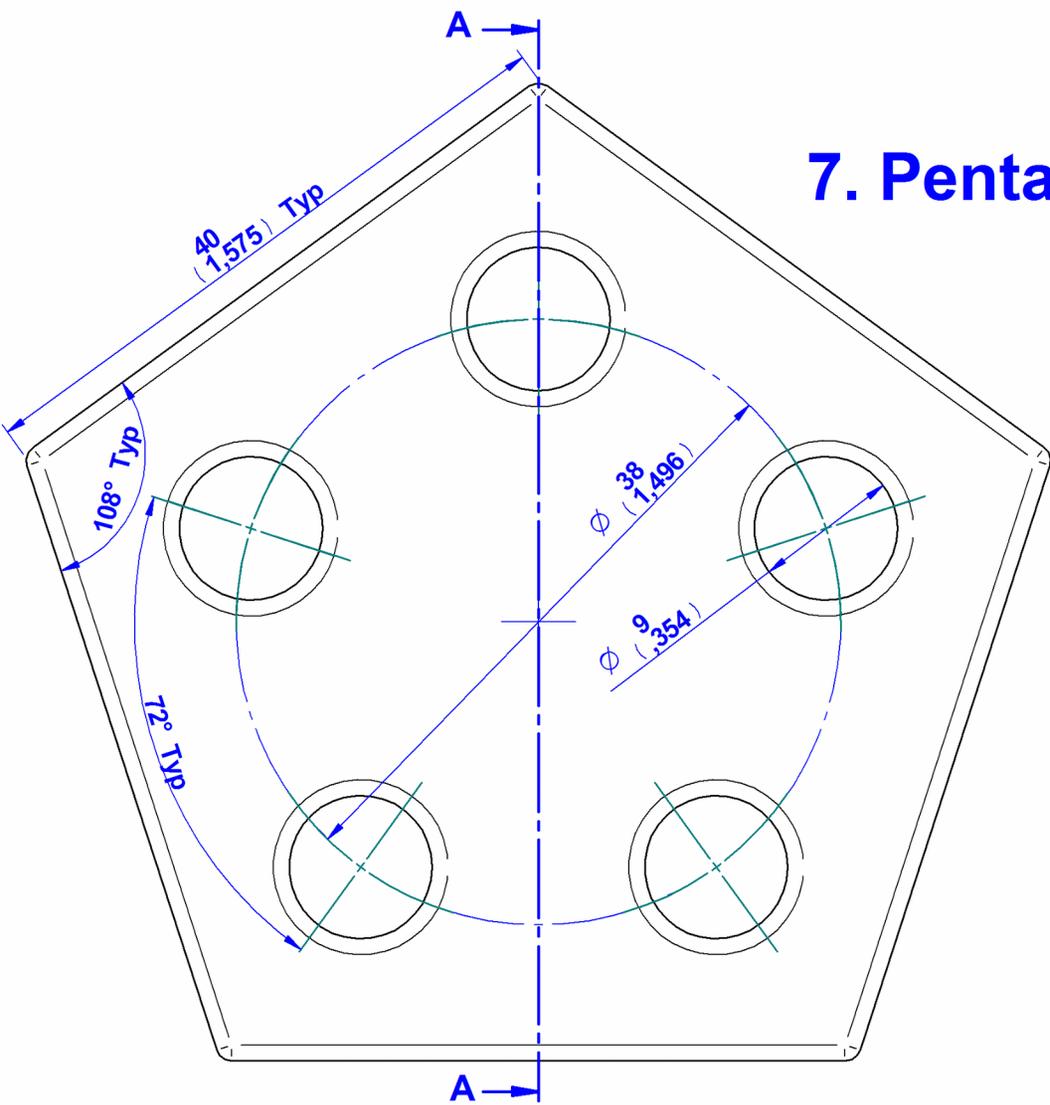
# 5. Triangle



SECTION A-A



# 7. Pentagon



SECTION A-A

## ASSEMBLAGE IMAGES

