

Technical drawing of a rectangular plate with a central hole. The plate has overall dimensions of 1665 mm in width and 500 mm in height. The central hole has a diameter of 50 mm and is positioned 1010 mm from the left edge and 100 mm from the top edge. The plate has a 555 mm wide top flange and a 480 mm wide bottom flange. The central section is 530 mm wide and 300 mm high. A force P.1 is applied at the bottom center, and a force P.2 is applied at the top center, both acting horizontally to the right.

Technical drawing of a stepped profile. The top horizontal dimension is 1 665. Below it, the profile is divided into segments with horizontal dimensions: 50, 455, 50, 1 010, and 100. The vertical dimension on the left is 100. The profile has a dashed line indicating a hidden edge. The bottom horizontal dimension is 50, 530, and 480. The vertical dimension on the right is 50 and 100.

Technical drawing of a mechanical part showing top and front views with dimensions.

Top View Dimensions:

- Overall width: 500
- Inner width: 400
- Left side extension: 50
- Right side extension: 50

Front View Dimensions:

- Overall height: 150
- Top flange thickness: 100
- Inner cavity depth: 90
- Base thickness: 50
- Base extension on the left: 60
- Base extension on the right: 60

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Technical drawing of a rectangular plate with dimensions and forces. The plate has a total width of 1665 and a total height of 500. The width is divided into segments of 100, 1010, and 555. The height is divided into segments of 50, 400, and 50. A central rectangular area is defined by dimensions 480 (width) and 300 (height). A small circle is located within this central area. Two forces are applied: P.1 is a vertical force acting upwards at the bottom center, and P.2 is a horizontal force acting to the left at the center of the circle.

Timeline diagram for the first investment:

- Time 0: 100
- Time 1: 1010
- Time 2: 50
- Time 3: 455
- Time 4: 50
- NPV: 1665

Technical drawing of a mechanical part with dimensions: 150, 60, 90, 50, 100.

Technical drawing of a stepped profile. The profile is shown in two views: a top view (plan) and a side view (elevation). The top view shows a rectangular shape with a total width of 100 and a total height of 150. The side view shows a stepped profile with a total height of 100. The dimensions are as follows:

- Top view:
 - Overall width: 100
 - Overall height: 150
 - Left section width: 480
 - Right section width: 530
 - Right section height: 50
- Side view:
 - Overall height: 100
 - Left section height: 50
 - Right section height: 50

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