

Orthographic projection of a mechanical part showing front and top views with dimensions.

**Front View (Top):**

- Overall width: 3.50
- Overall height: 3.00
- Top edge features a horizontal line at 0.50 from the left and a vertical line at 1.75 from the left.
- Two small holes are located at the top, labeled  $\varnothing 0.50-2$  HOLES.
- Bottom edge features a horizontal line at 0.50 from the left and a vertical line at 1.75 from the left.

**Top View (Bottom):**

- Overall width: 3.50
- Overall height: 3.00
- Left edge features a horizontal line at 0.50 from the left and a vertical line at 1.50 from the left.
- Right edge features a horizontal line at 0.50 from the left and a vertical line at 1.75 from the left.
- Center features a large hole labeled  $\varnothing 1.00$ .

The diagram shows the orthographic projection of a mechanical part, consisting of a front view (top) and a top view (bottom).

**Front View (Top):**

- Overall width: 100
- Overall height: 120
- Top horizontal edge: 70 units from the left to the start of the sloped cut.
- Vertical distance from top edge to the center of the top row of holes: 20
- Vertical distance between the center lines of the two rows of holes: 40
- Vertical distance from the center of the bottom row of holes to the bottom edge: 40
- Vertical distance from the bottom edge to the start of the sloped cut: 20
- Horizontal distance from the left edge to the center of the left hole: 20
- Horizontal distance between the centers of the two holes: 40
- Horizontal distance from the center of the right hole to the right edge: 20
- Overall height of the sloped cut section: 100
- Vertical distance from the bottom edge to the top of the sloped cut section: 60
- Vertical distance from the bottom edge to the bottom of the sloped cut section: 20

**Top View (Bottom):**

- Overall width: 70
- Overall depth: 40
- Horizontal distance from the left edge to the center of the left hole: 20
- Horizontal distance between the centers of the two holes: 40
- Horizontal distance from the center of the right hole to the right edge: 20

**Notes:**

- Four holes are shown, arranged in two rows of two.
- The holes are labeled as  $\varnothing 20.5$  HOLES.

The diagram shows the front and top views of a mechanical part. The front view (top) shows a rectangular block with a total width of 100 and a total height of 100. There are two circular holes, each with a diameter of 20. The top hole is located 20 units from the left edge and 60 units from the bottom edge. The bottom hole is located 20 units from the left edge and 20 units from the bottom edge. The top view (bottom) shows the same block from above, with a total width of 100 and a total depth of 60. The holes are located 20 units from the left edge and 60 units from the front edge. The top view also shows a 40x20 rectangular feature on the right side, with a 20x20 square hole in the center. The text "Ø20-3 HOLES" points to the three holes shown in the views.

Technical drawing of a triangular plate. The plate has a base width of 3.00 (divided into two 1.50 segments) and a height of 2.25. It features three circular holes, each with a diameter of  $\phi 0.50$ , labeled "Ø0.50-3 HOLES". The corners of the plate are rounded with a radius of R0.50, labeled "R0.50-3 PLACES".