

An isometric drawing of a mechanical part. The part consists of a main rectangular block with a smaller rectangular section attached to its front face. The main block has a width of 70, a height of 80, and a depth of 30. The smaller section has a width of 25, a height of 20, and a depth of 10. The smaller section is positioned such that its front face is 10 units from the left edge of the main block and its top face is 20 units from the top edge of the main block. The smaller section has a rounded end with a radius of 10. The main block has a small rectangular notch on its top face, with a width of 30 and a depth of 10. The notch is positioned such that its right edge is 10 units from the right edge of the main block and its front edge is 10 units from the front edge of the main block. The notch has a height of 20. The smaller section has a small rectangular notch on its top face, with a width of 10 and a depth of 10. The notch is positioned such that its right edge is 10 units from the right edge of the smaller section and its front edge is 10 units from the front edge of the smaller section. The notch has a height of 6. The smaller section has a small rectangular notch on its front face, with a width of 10 and a depth of 10. The notch is positioned such that its right edge is 10 units from the right edge of the smaller section and its top edge is 10 units from the top edge of the smaller section. The notch has a height of 12. The smaller section has a small rectangular notch on its right face, with a width of 10 and a depth of 10. The notch is positioned such that its top edge is 10 units from the top edge of the smaller section and its front edge is 10 units from the front edge of the smaller section. The notch has a height of 10. The smaller section has a small rectangular notch on its bottom face, with a width of 10 and a depth of 10. The notch is positioned such that its right edge is 10 units from the right edge of the smaller section and its front edge is 10 units from the front edge of the smaller section. The notch has a height of 10. The smaller section has a small rectangular notch on its left face, with a width of 10 and a depth of 10. The notch is positioned such that its top edge is 10 units from the top edge of the smaller section and its front edge is 10 units from the front edge of the smaller section. The notch has a height of 10. The smaller section has a small rectangular notch on its back face, with a width of 10 and a depth of 10. The notch is positioned such that its top edge is 10 units from the top edge of the smaller section and its front edge is 10 units from the front edge of the smaller section. The notch has a height of 10. The smaller section has a small rectangular notch on its top face, with a width of 10 and a depth of 10. The notch is positioned such that its right edge is 10 units from the right edge of the smaller section and its front edge is 10 units from the front edge of the smaller section. The notch has a height of 6. The smaller section has a small rectangular notch on its front face, with a width of 10 and a depth of 10. The notch is positioned such that its right edge is 10 units from the right edge of the smaller section and its top edge is 10 units from the top edge of the smaller section. The notch has a height of 12. The smaller section has a small rectangular notch on its right face, with a width of 10 and a depth of 10. The notch is positioned such that its top edge is 10 units from the top edge of the smaller section and its front edge is 10 units from the front edge of the smaller section. The notch has a height of 10. The smaller section has a small rectangular notch on its bottom face, with a width of 10 and a depth of 10. The notch is positioned such that its right edge is 10 units from the right edge of the smaller section and its front edge is 10 units from the front edge of the smaller section. The notch has a height of 10. The smaller section has a small rectangular notch on its left face, with a width of 10 and a depth of 10. The notch is positioned such that its top edge is 10 units from the top edge of the smaller section and its front edge is 10 units from the front edge of the smaller section. The notch has a height of 10. The smaller section has a small rectangular notch on its back face, with a width of 10 and a depth of 10. The notch is positioned such that its top edge is 10 units from the top edge of the smaller section and its front edge is 10 units from the front edge of the smaller section. The notch has a height of 10.

Isometric view of a mechanical part. The part features a base plate with dimensions 100 (length) x 70 (width) x 10 (thickness). The base has a front-left corner with R20 and two circular holes with diameter $\phi 20$, one of which is 60 units from the left edge. A vertical support rises from the base, with a sloped side face of 10 units thickness and a vertical face of 25 units height. The top of the support is a circular flange with diameter $\phi 30$ and a central hole with diameter $\phi 14$. A small cylindrical feature with diameter $\phi 20$ and height 35 units is mounted on the top of the support. The base has a width of 70 units and a depth of 10 units.

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Isometric view of a mechanical part. The part features a base with a semi-circular front edge (R40) and a vertical section on the right with a semi-circular top edge (R30). A horizontal section on the left has a semi-circular front edge (R10) and a circular hole with a diameter of 20. The overall dimensions are 100 (width), 80 (depth), and 40 (height). The part is shown in a 3D perspective with green dimension lines and red dimension values.

Isometric view of a mechanical part. The part features a base plate with dimensions 100 (length), 70 (width), and 20 (thickness). The base has a central semi-circular cutout with a radius of R10. Two vertical supports, each 40 wide and 30 high, are positioned on the base. The top surface of the part has a central semi-circular cutout with a radius of R20 and a diameter of Ø65. Two vertical supports, each 20 wide and 30 high, are positioned on the top surface. The top surface also has a central semi-circular cutout with a radius of R10 and a diameter of Ø20. The overall height of the part is 80.

An isometric drawing of a mechanical part with the following dimensions: overall width 70, overall depth 55, overall height 60. The part features a base with a semi-circular front edge (R40) and a vertical back edge. A horizontal plate of thickness 20 is mounted on the base. On the left side of this plate is a vertical post of height 40 and diameter $\varnothing 20$, topped with a semi-circular cap (R20). To the right of the post is a rectangular cutout of width 20 and height 30. On the right side of the horizontal plate is a semi-circular feature (R20) with a central hole of diameter $\varnothing 40$. The distance from the left face of the part to the center of the $\varnothing 40$ hole is 100. The distance from the center of the $\varnothing 20$ hole to the center of the $\varnothing 40$ hole is 60. The distance from the right face of the part to the center of the $\varnothing 40$ hole is 100.

An isometric drawing of a mechanical part with the following dimensions: overall length 100, overall width 80, overall height 40. The part features a central vertical slot with a width of 30 and a depth of 35. The front face has a semi-circular fillet with a radius of R20. The top surface has a semi-circular fillet with a radius of R10. The part is shown in a perspective view with green dimension lines and red dimension values.