

Technical drawing of a mechanical part showing front and top views. The front view (top) shows a rectangular part with a circular feature on the right. Dimensions include  $N$  (total length),  $C$  (distance from left face to start of circular feature),  $F$  (distance from end of circular feature to right face), and  $\phi B$  (diameter of the circular feature). The top view (bottom) shows a semi-circular profile with a central hole. Dimensions include  $H$  (height),  $R1.5$  (radius of the semi-circular profile),  $G$  (height of the base), and a label 'OUTER HOLE' pointing to the central hole.

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

**Front View (Top):**

- Overall length:  $N$
- Overall diameter:  $\phi B$
- Distance from left end to center of hole:  $D$
- Distance from center of hole to right end:  $F$
- Distance from left end to start of hole:  $C$

**Top View (Bottom):**

- Overall diameter:  $\phi A$
- Radius of fillet:  $R1.5$
- Distance from center of hole to right end:  $G$
- Distance from center of hole to start of hole:  $H$
- Labels: CENTER HOLE, OUTER HOLE

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

**Front View (Top):**

- Overall length:  $N$
- Distance from left end to first hole:  $E$
- Distance between first and second holes:  $D$
- Distance from second hole to right end:  $C$
- Distance from second hole to right end (alternative dimension):  $F$
- Right end diameter:  $\phi B$

**Top View (Bottom):**

- Overall width:  $\phi A$
- Radius of the curved section:  $R1.5$
- Distance from the curved section to the right end:  $G$
- Labels for the holes: INNER HOLE, CENTER HOLE, OUTER HOLE
- Label for the curved section:  $H$

**Section A-A:** Indicated by a line through the center of the part, labeled  $A-A$ .

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