



**Description:**

This tool will find the center of a circle using a line segment that intersects the circle.

**Ports:**

| <b>Name</b>            | <b>Type</b>  | <b>Description</b>  |
|------------------------|--------------|---|
| Input Image            | Image        | Image used for processing.  |
| Cord Segment           | Line Segment | Line segment used to extract two edge points from the perimeter of the circle. A perpendicular segment is generated from this segment to extract the third point. |
| Clockwise Rotation     | Boolean      | Used to select concave or convex direction of the resulting circle.   |
| Found Perimeter Points | Point List   | Three edge points used in generating the circle.  |
| Bounding Circle        | Shape List   | Found circle.   |