#### ahPolar (Polar Adjust Handle)

This element specifies a polar adjust handle for a custom shape. The position of this adjust handle will be specified by the corresponding [pos](pos.docx) child element. The allowed adjustment of this adjust handle are specified via it's min and max type attributes. Based on the adjustment of this adjust handle certain corresponding guides will be updated to contain these values.

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| Parent Elements |
| [ahLst](ahLst.docx) (§) |

|  |  |
| --- | --- |
| Child Elements | Subclause |
| [pos](pos.docx) (Shape Position Coordinate) | § |

|  |  |
| --- | --- |
| Attributes | Description |
| gdRefAng (Angle Adjustment Guide) | Specifies the name of the guide that will be updated with the adjustment angle from this adjust handle.  The possible values for this attribute are defined by the [ST\_GeomGuideName](ST_GeomGuideName.docx) simple type (§). |
| gdRefR (Radial Adjustment Guide) | Specifies the name of the guide that will be updated with the adjustment radius from this adjust handle.  The possible values for this attribute are defined by the [ST\_GeomGuideName](ST_GeomGuideName.docx) simple type (§). |
| maxAng (Maximum Angle Adjustment) | Specifies the maximum angle position that is allowed for this adjustment handle. If this attribute is omitted, then it will be assumed that this adjust handle cannot move angularly. That is the maxAng and minAng will be equal.  The possible values for this attribute are defined by the [ST\_AdjAngle](ST_AdjAngle.docx) simple type (§). |
| maxR (Maximum Radial Adjustment) | Specifies the maximum radial position that is allowed for this adjustment handle. If this attribute is omitted, then it will be assumed that this adjust handle cannot move radially. That is the maxR and minR will be equal.  The possible values for this attribute are defined by the [ST\_AdjCoordinate](ST_AdjCoordinate.docx) simple type (§). |
| minAng (Minimum Angle Adjustment) | Specifies the minimum angle position that is allowed for this adjustment handle. If this attribute is omitted, then it will be assumed that this adjust handle cannot move angularly. That is the maxAng and minAng will be equal.  The possible values for this attribute are defined by the [ST\_AdjAngle](ST_AdjAngle.docx) simple type (§). |
| minR (Minimum Radial Adjustment) | Specifies the minimum radial position that is allowed for this adjustment handle. If this attribute is omitted, then it will be assumed that this adjust handle cannot move radially. That is the maxR and minR will be equal.  The possible values for this attribute are defined by the [ST\_AdjCoordinate](ST_AdjCoordinate.docx) simple type (§). |

The following XML Schema fragment defines the contents of this element:

<complexType [name](name.docx)="CT\_PolarAdjustHandle">

<sequence>

<element name="[pos](pos.docx)" type="CT\_AdjPoint2D" minOccurs="1" maxOccurs="1"/>

</sequence>

<attribute [name](name.docx)="gdRefR" type="[ST\_GeomGuideName](ST_GeomGuideName.docx)" use="optional"/>

<attribute [name](name.docx)="minR" type="[ST\_AdjCoordinate](ST_AdjCoordinate.docx)" use="optional"/>

<attribute [name](name.docx)="maxR" type="[ST\_AdjCoordinate](ST_AdjCoordinate.docx)" use="optional"/>

<attribute [name](name.docx)="gdRefAng" type="[ST\_GeomGuideName](ST_GeomGuideName.docx)" use="optional"/>

<attribute [name](name.docx)="minAng" type="[ST\_AdjAngle](ST_AdjAngle.docx)" use="optional"/>

<attribute [name](name.docx)="maxAng" type="[ST\_AdjAngle](ST_AdjAngle.docx)" use="optional"/>

</complexType>