#### prstGeom (Preset geometry)

This element specifies when a preset geometric shape should be used instead of a custom geometric shape. The generating application should be able to render all preset geometries enumerated in the [ST\_ShapeType](ST_ShapeType.docx) list.

[Example: Consider the scenario when a user does not wish to specify all the lines and curves that make [up](up.docx) the desired shape but instead chooses to use a preset geometry. The following DrawingML would specify such a case.

<p:sp>
 <p:nvSpPr>
 <p:cNvPr id="4" name="My Preset Shape"/>
 <p:cNvSpPr/>
 <p:nvPr/>
 </p:nvSpPr>

 <p:spPr>
 <a:xfrm>
 <a:off x="1981200" [y](y.docx)="533400"/>
 <a:ext cx="1143000" cy="1066800"/>
 </a:xfrm>
 <a:prstGeom prst="heart">
 </a:prstGeom>
 </p:spPr>
</p:sp>



The output shape rendered by this DrawingML is shown above. [end](end.docx) example]

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| Parent Elements |
| [spPr](spPr.docx) (§); [spPr](spPr.docx) (§); [spPr](spPr.docx) (§); [spPr](spPr.docx) (§); [spPr](spPr.docx) (§); [spPr](spPr.docx) (§); [spPr](spPr.docx) (§) |

|  |  |
| --- | --- |
| Child Elements | Subclause |
| [avLst](avLst.docx) (List of Shape Adjust Values) | § |

|  |  |
| --- | --- |
| Attributes | Description |
| prst (Preset Shape) | Specifies the preset geometry that will be used for this shape. This preset can have any of the values in the enumerated list for [ST\_ShapeType](ST_ShapeType.docx). This attribute is required in [order](order.docx) for a preset geometry to be rendered.[Example: Consider the sample DrawingML below.<p:sp> <p:nvSpPr> <p:cNvPr id="4" name="Sun 3"/> <p:cNvSpPr/> <p:nvPr/> </p:nvSpPr> <p:spPr> <a:xfrm> <a:off x="1981200" [y](y.docx)="533400"/> <a:ext cx="1143000" cy="1066800"/> </a:xfrm> <a:prstGeom prst="sun"> </a:prstGeom> </p:spPr></p:sp>In the above example a preset geometry has been used to define a shape. The shape utilized here is the sun shape. [end](end.docx) example]The possible values for this attribute are defined by the [ST\_ShapeType](ST_ShapeType.docx) simple type (§). |

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

<complexType [name](name.docx)="CT\_PresetGeometry2D">

 <sequence>

 <element name="[avLst](avLst.docx)" type="CT\_GeomGuideList" minOccurs="0" maxOccurs="1"/>

 </sequence>

 <attribute [name](name.docx)="prst" type="[ST\_ShapeType](ST_ShapeType.docx)" use="required"/>

</complexType>