#### skew (Skew Transform)

This element specifies a perspective skew effect on a shape. The skew is applied to vector graphics, not [image](image.docx) data on the shape in picture fills or [image](image.docx) elements. The on attribute must be true and a valid value assigned to the matrix attribute.

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| Parent Elements |
| [arc](arc.docx) (§); [background](background.docx) (§); [curve](curve.docx) (§); [group](group.docx) (§); hdrShapeDefaults (§); [image](image.docx) (§); [line](line.docx) (§); object (§); [oval](oval.docx) (§); pict (§); pict (§); [polyline](polyline.docx) (§); [rect](rect.docx) (§); [roundrect](roundrect.docx) (§); shape (§); [shapedefaults](shapedefaults.docx) (§); shapeDefaults (§); [shapetype](shapetype.docx) (§) |

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| Attributes | Description |
| ext (VML Extension Handling Behavior)Namespace: urn:schemas-microsoft-com:vml | Specifies an optional value that indicates how applications that implement [VML](VML.docx) should interpret extensions not defined as part of the original specification of core VML. [Rationale: This part of the original [VML](VML.docx) specification is included to assist applications that leverage existing [VML](VML.docx) support in implementing the Office Open XML Format. end rationale]The possible values for this attribute are defined by the [ST\_Ext](ST_Ext.docx) simple type (§). |
| id (Skew ID) | Specifies a name that provides a unique identifier for a skew. [Default](Default.docx) is no value.The possible values for this attribute are defined by the XML Schema string datatype. |
| matrix (Skew Perspective Matrix) | Specifies a perspective transform of a skew. [Default](Default.docx) is "1,0,0,1,0,0".The matrix is given in the form "$s\_{xx}, s\_{xy}, s\_{yx}, s\_{yy}, p\_{x}, p\_{y}$" where s = scale and p = perspective. If the offset attribute is in absolute units then $p\_{x}, p\_{y}$ are in 1/EMU units; otherwise they are an inverse fraction of the shape size.The possible values for this attribute are defined by the XML Schema string datatype. |
| offset (Skew Offset) | Specifies the amount of x,y offset from the shape’s location. [Default](Default.docx) is "2pt,2pt". Positive values are measured from the upper left of the face of the shape.Values are specified as either an absolute measurement or a fractional value of the shape's dimensions (–0.5 to +0.5).The possible values for this attribute are defined by the XML Schema string datatype. |
| on (Skew Toggle) | Specifies whether a skew is displayed. [Default](Default.docx) is false.The possible values for this attribute are defined by the [ST\_TrueFalse](ST_TrueFalse.docx) simple type (§). |
| origin (Skew Origin) | Specifies the origin of the skew. [Default](Default.docx) is "0,0".Values are typically a percentage of the shape's size and range from -0.5 to +0.5. Larger values are allowed that give offsets as multiples of the shape's size.The possible values for this attribute are defined by the XML Schema string datatype. |

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

<complexType name="CT\_Skew">

 <attributeGroup ref="v:AG\_Ext"/>

 <attribute name="id" type="xsd:string" use="optional"/>

 <attribute name="on" type="[ST\_TrueFalse](ST_TrueFalse.docx)" use="optional"/>

 <attribute name="offset" type="xsd:string" use="optional"/>

 <attribute name="origin" type="xsd:string" use="optional"/>

 <attribute name="matrix" type="xsd:string" use="optional"/>

</complexType>