#### ST\_ConstraintType (Constraint Type)

This simple type defines the list of possible constraints available for use.

This simple type's contents are a restriction of the XML Schema token datatype.

The following are possible enumeration values for this type:

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| Enumeration Value | Description |
| alignOff (Alignment Offset) | This value defines the alignment offset for a node. |
| b (Bottom) | The bottom of the node. |
| begMarg (Beginning Margin) | Specifies the beginning margin. |
| begPad (Beginning Padding) | Specifies the beginning padding. |
| bendDist (Bending Distance) | Specifies the distance from the [start](start.docx) of a connector to a bend in the connector. |
| bMarg (Bottom Margin) | Specifies the bottom margin. |
| bOff (Bottom Offset) | Specifies the bottom offset. |
| connDist (Connection Distance) | Specifies the connection distance. |
| ctrX (Center Height) | Specifies the center of the height. |
| ctrXOff (Center X Offset) | Specifies the center x coordinate offset. |
| ctrY (Center Width) | Specifies the center of the width. |
| ctrYOff (Center Y Offset) | Specifies the center [y](y.docx) coordinate offset. |
| diam (Diameter) | Specifies the diameter. |
| endMarg (End Margin) | Specifies the ending margin. |
| endPad (End Padding) | Specifies the [end](end.docx) padding. |
| [h](h.docx) (Height) | Specifies the height. |
| hArH (Arrowhead Height) | Specifies the height of the arrowhead portion of the connector. |
| hOff (Height Offset) | Specifies the amount to offset the height. |
| l (Left) | Specifies the left constraint. |
| lMarg (Left Margin) | Specifies the left margin. |
| lOff (Left Offset) | Specifies the left offset. |
| none (Unknown) | Unknown constraint. |
| primFontSz (Primary Font Size) | The primary font size. |
| pyraAcctRatio (Pyramid Accent Ratio) | Specifies the fraction of the width of the diagram that is reserved for the fly outs at their shortest distance. |
| r (Right) | Specifies the right constraint. |
| rMarg (Right Margin) | Specifies the right margin constraint. |
| rOff (Right Offset) | Specifies the right offset constraint. |
| secFontSz (Secondary Font Size) | The secondary font size. |
| secSibSp (Secondary Sibling Spacing) | The secondary sibling spacing. |
| sibSp (Sibling Spacing) | Specifies the minimum distance between sibling shapes. |
| [sp](sp.docx) (Spacing) | Specifies the spacing defined. |
| stemThick (Stem Thickness) | Specifies the [thickness](thickness.docx) of the arrow’s shaft. |
| [t](t.docx) (Top) | Specifies the top constraint. |
| tMarg (Top Margin) | Top margin constraint. |
| tOff (Top Offset) | Top offset constraint. |
| userA (User Defined A) | User defined information. |
| userB (User Defined B) | User defined information. |
| userC (User Defined C) | User defined information. |
| userD (User Defined D) | User defined information. |
| userE (User Defined E) | User defined information. |
| userF (User Defined F) | User defined information. |
| userG (User Defined G) | User defined information. |
| userH (User Defined H) | User defined information. |
| userI (User Defined I) | User defined information. |
| userJ (User Defined J) | User defined information. |
| userK (User Defined K) | User defined information. |
| userL (User Defined L) | User defined information. |
| userM (User Defined M) | User defined information. |
| userN (User Defined N) | User defined information. |
| userO (User Defined O) | User defined information. |
| userP (User Defined P) | User defined information. |
| userQ (User Defined Q) | User defined information. |
| userR (User Defined R) | User defined information. |
| userS (User Defined S) | User defined information. |
| userT (User Defined T) | User defined information. |
| userU (User Defined U) | User defined information. |
| userV (User Defined V) | User defined information. |
| userW (User Defined W) | User defined information. |
| userX (User Defined X) | User defined information. |
| userY (User Defined Y) | User defined information. |
| userZ (User Defined Z) | User defined information. |
| [w](w.docx) (Width) | The width parameter. |
| wArH (Arrowhead Width) | Specifies the width of the arrowhead portion of the connector. |
| wOff (Width Offset) | Offsets the width by the specified amount. |

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| Referenced By |
| constr@refType (§); constr@type (§); rule@type (§) |

The following XML Schema fragment defines the contents of this simple type:

<simpleType [name](name.docx)="ST\_ConstraintType" final="restriction">

<restriction base="xsd:token">

<enumeration value="none"/>

<enumeration value="alignOff"/>

<enumeration value="begMarg"/>

<enumeration value="bendDist"/>

<enumeration value="begPad"/>

<enumeration value="b"/>

<enumeration value="bMarg"/>

<enumeration value="bOff"/>

<enumeration value="ctrX"/>

<enumeration value="ctrXOff"/>

<enumeration value="ctrY"/>

<enumeration value="ctrYOff"/>

<enumeration value="connDist"/>

<enumeration value="diam"/>

<enumeration value="endMarg"/>

<enumeration value="endPad"/>

<enumeration value="[h](h.docx)"/>

<enumeration value="hArH"/>

<enumeration value="hOff"/>

<enumeration value="l"/>

<enumeration value="lMarg"/>

<enumeration value="lOff"/>

<enumeration value="r"/>

<enumeration value="rMarg"/>

<enumeration value="rOff"/>

<enumeration value="primFontSz"/>

<enumeration value="pyraAcctRatio"/>

<enumeration value="secFontSz"/>

<enumeration value="sibSp"/>

<enumeration value="secSibSp"/>

<enumeration value="[sp](sp.docx)"/>

<enumeration value="stemThick"/>

<enumeration value="[t](t.docx)"/>

<enumeration value="tMarg"/>

<enumeration value="tOff"/>

<enumeration value="userA"/>

<enumeration value="userB"/>

<enumeration value="userC"/>

<enumeration value="userD"/>

<enumeration value="userE"/>

<enumeration value="userF"/>

<enumeration value="userG"/>

<enumeration value="userH"/>

<enumeration value="userI"/>

<enumeration value="userJ"/>

<enumeration value="userK"/>

<enumeration value="userL"/>

<enumeration value="userM"/>

<enumeration value="userN"/>

<enumeration value="userO"/>

<enumeration value="userP"/>

<enumeration value="userQ"/>

<enumeration value="userR"/>

<enumeration value="userS"/>

<enumeration value="userT"/>

<enumeration value="userU"/>

<enumeration value="userV"/>

<enumeration value="userW"/>

<enumeration value="userX"/>

<enumeration value="userY"/>

<enumeration value="userZ"/>

<enumeration value="[w](w.docx)"/>

<enumeration value="wArH"/>

<enumeration value="wOff"/>

</restriction>

</simpleType>