### tblpPr (Floating Table Positioning)

This element specifies information about the current [table](table.docx) with regard to floating tables. Floating tables are tables in a document which are not part of the main text flow in the document, and are instead absolutely positioned with a specific size and [position](position.docx) relative to non-frame content in the current document.

The first piece of information specified by the tblpPr element is that the current [table](table.docx) is actually a floating table. This information is specified simply by the presence of the tblpPr element in table's properties. If the tblpPr element is omitted, the [table](table.docx) shall not floating in the document.

The second piece of information is the positioning of the [table](table.docx), which is specified by the attribute values stored on the tblpPr element. In all absolute positioning cases, the positioning of the [table](table.docx) is relative to its top-left corner position. For relative positioning (e.g. center), the positioning of the [table](table.docx) is relative to its entire frame.

Note that the [table](table.docx) still has a logical [position](position.docx) in the file (its location within the block-level elements in the document). This logical location shall be used to calculate the [position](position.docx) of the [table](table.docx) relative to a paragraph, using the [next](next.docx) regular (non-table, non-frame) paragraph in the document.

[Example: Consider a floating [table](table.docx) which is positioned three inches from the edge of the page extents on both its top and left edges (i.e. the top-left corner occurs at 3" x 3"). This floating [table](table.docx) would be specified using the following WordprocessingML:

<w:[tbl](tbl.docx)>
 <w:[tblPr](tblPr.docx)>
 <w:tblpPr w:leftFromText="144" w:rightFromText="144" w:topFromText="144" w:bottomFromText="144" w:vertAnchor="page" w:horzAnchor="page" w:tblpX="4320" w:tblpY="4320"/>
 …
 </w:[tblPr](tblPr.docx)>
 …</w:[tbl](tbl.docx)>

The presence of the tblpPr element dictates that this [table](table.docx) is a floating [table](table.docx), and its attributes specify that the floating [table](table.docx) shall be anchored 4320 twentieths of a point (3 inches) from the top and left edges of the current page. end example]

|  |
| --- |
| Parent Elements |
| [tblPr](tblPr.docx) (§); [tblPr](tblPr.docx) (§); [tblPr](tblPr.docx) (§); [tblPr](tblPr.docx) (§) |

|  |  |
| --- | --- |
| Attributes | Description |
| bottomFromText (Distance From Bottom of Table to Text) | Specifies the minimum distance which shall be maintained [between](between.docx) the current floating [table](table.docx) and the top of text in the paragraph which is below this floating table.This distance is expressed in twentieths of a point.If this attribute is omitted, its value shall be assumed to be 0.[Example: Consider a floating [table](table.docx) which should have a minimum of a one-half inch [spacing](spacing.docx) from any text on its bottom side. This constraint would be specified using the following WordprocessingML:<w:[tblPr](tblPr.docx)> <w:tblpPr … w:bottomFromText="720" /></w:[tblPr](tblPr.docx)>The bottomFromText attribute specifies that the [spacing](spacing.docx) [between](between.docx) text and this floating [table](table.docx) shall be a minimum of 720 twentieths of a point. end example] The possible values for this attribute are defined by the [ST\_TwipsMeasure](ST_TwipsMeasure.docx) simple [type](type.docx) (§). |
| horzAnchor (Table Horizontal Anchor) | Specifies the base [object](object.docx) from which the horizontal positioning in the tblpX and/or tblpXSpec attribute should be calculated.A floating [table](table.docx) may be horizontally positioned relative to:* The vertical edge of the page before any runs of text (the left edge for left-to-right paragraphs, the right edge for right-to-left paragraphs)
* The vertical edge of the text margin before any runs of text (the left edge for left-to-right paragraphs, the right edge for right-to-left paragraphs)
* The vertical edge of the text margin for the column in which the anchor paragraph is located

If this attribute is omitted, then its value shall be assumed to be page.[Example: Consider a floating [table](table.docx) which should be positioned one inch to the right of its column in a left-to-right document. This floating [table](table.docx) would be specified using the following WordprocessingML:<w:[tblPr](tblPr.docx)> <w:tblpPr … w:tblpX="1440" w:horzAnchor="column" /></w:[tblPr](tblPr.docx)>These [table](table.docx) properties specify that they are relative to the current column, and that relative to that column, the floating [table](table.docx) should be 1440 twentieths of a point. end example]The possible values for this attribute are defined by the [ST\_HAnchor](ST_HAnchor.docx) simple [type](type.docx) (§). |
| leftFromText (Distance From Left of Table to Text) | Specifies the minimum distance which shall be maintained [between](between.docx) the current floating [table](table.docx) and the edge of text in the paragraph which is to the left of this floating table.This distance is expressed in twentieths of a point.If this attribute is omitted, its value shall be assumed to be 0.[Example: Consider a floating [table](table.docx) which should have a minimum of a one-half inch [spacing](spacing.docx) from any text on its left. This constraint would be specified using the following WordprocessingML:<w:[tblPr](tblPr.docx)> <w:tblpPr … w:leftFromText="720" /></w:[tblPr](tblPr.docx)>The leftFromText attribute specifies that the [spacing](spacing.docx) [between](between.docx) text and this floating [table](table.docx) shall be a minimum of 720 twentieths of a point. end example]The possible values for this attribute are defined by the [ST\_TwipsMeasure](ST_TwipsMeasure.docx) simple [type](type.docx) (§). |
| rightFromText ((Distance From Right of Table to Text) | Specifies the minimum distance which shall be maintained [between](between.docx) the current floating [table](table.docx) and the edge of text in the paragraph which is to the right of this floating table.This distance is expressed in twentieths of a point.If this attribute is omitted, its value shall be assumed to be 0.[Example: Consider a floating [table](table.docx) which should have a minimum of a one-half inch [spacing](spacing.docx) from any text on its right. This constraint would be specified using the following WordprocessingML:<w:[tblPr](tblPr.docx)> <w:tblpPr … w:rightFromText="720" /></w:[tblPr](tblPr.docx)>The rightFromText attribute specifies that the [spacing](spacing.docx) [between](between.docx) text and this floating [table](table.docx) shall be a minimum of 720 twentieths of a point. end example]The possible values for this attribute are defined by the [ST\_TwipsMeasure](ST_TwipsMeasure.docx) simple [type](type.docx) (§). |
| tblpX (Absolute Horizontal Distance From Anchor) | Specifies an absolute horizontal [position](position.docx) for the floating table. This absolute [position](position.docx) is specified relative to the horizontal anchor specified by the horzAnchor attribute for this floating table.This value is expressed in twentieths of a point. If it is positive, then the floating [table](table.docx) is positioned after the anchor [object](object.docx) in the direction of horizontal text flow in this document. If it is negative, then the floating [table](table.docx) is positioned before the anchor [object](object.docx) in the direction of horizontal text flow in this document.If the tblpXSpec attribute is also specified, then this value is ignored. If this attribute is omitted, then its value shall be assumed to be 0.[Example: Consider the following WordprocessingML fragment specifying a floating table:<w:[tbl](tbl.docx)> <w:[tblPr](tblPr.docx)> <w:tblpPr … w:horizAnchor="page" w:tblpX="1643"/> </w:[tblPr](tblPr.docx)> …</w:[tbl](tbl.docx)>This floating [table](table.docx) specifies that it should be located exactly 1643 twentieths of a point after the vertical edge of the page (from the horizAnchor attribute). end example]The possible values for this attribute are defined by the [ST\_SignedTwipsMeasure](ST_SignedTwipsMeasure.docx) simple [type](type.docx) (§). |
| tblpXSpec (Relative Horizontal Alignment From Anchor) | Specifies a relative horizontal [position](position.docx) for the floating table. This relative [position](position.docx) is specified relative to the horizontal anchor specified by the horizAnchor attribute for this floating table.If omitted, this attribute is not specified and the value of the tblpX attribute determines the absolute horizontal [position](position.docx) of the floating table. If specified, the [position](position.docx) for this attribute supersedes any value which is specified in the tblpX attribute, and that value is ignored.[Example: Consider the following WordprocessingML fragment specifying a floating table:<w:[tbl](tbl.docx)> <w:[tblPr](tblPr.docx)> <w:tblpPr … w:horizAnchor="page" w:tblpX="1643" w:tblpXSpec="left"/> </w:[tblPr](tblPr.docx)> …</w:[tbl](tbl.docx)>This floating [table](table.docx) specifies that it has a horizontal placement of exactly 1643 twentieths of a point relative to the page, but that exact placement is overridden by the presence of the tblpXSpec attribute to place the [table](table.docx) on the left side of the page. end example]The possible values for this attribute are defined by the [ST\_XAlign](ST_XAlign.docx) simple [type](type.docx) (§). |
| tblpY (Absolute Vertical Distance From Anchor) | Specifies an absolute vertical [position](position.docx) for the floating table. This absolute [position](position.docx) is specified relative to the vertical anchor specified by the vertAnchor attribute for this floating table.This value is expressed in twentieths of a point. If it is positive, then the floating [table](table.docx) is positioned after the anchor [object](object.docx) in the direction of vertical text flow in this document. If it is negative, then the floating [table](table.docx) is positioned before the anchor [object](object.docx) in the direction of vertical text flow in this document.If the tblpYSpec attribute is also specified, then this value is ignored. If this attribute is omitted, then its value shall be assumed to be 0.[Example: Consider the following WordprocessingML fragment specifying a floating table:<w:[tbl](tbl.docx)> <w:[tblPr](tblPr.docx)> <w:tblpPr … w:vertAnchor="text" w:tblpY="73" /> </w:[tblPr](tblPr.docx)> …</w:[tbl](tbl.docx)>This floating [table](table.docx) specifies that it should be located exactly 79 twentieths of a point below the top vertical edge of the anchor's paragraph's text (from the vertAnchor attribute), assuming that the vertical text direction is top to bottom. end example]The possible values for this attribute are defined by the [ST\_SignedTwipsMeasure](ST_SignedTwipsMeasure.docx) simple [type](type.docx) (§). |
| tblpYSpec (Relative Vertical Alignment from Anchor) | Specifies a relative vertical [position](position.docx) for the floating table. This relative [position](position.docx) is specified relative to the vertical anchor specified by the vertAnchor attribute for this floating table.If omitted, this attribute is not specified and the value of the tblpY attribute determines the absolute horizontal [position](position.docx) of the floating table. If specified, the [position](position.docx) for this attribute supersedes any value which is specified in the tblpY attribute, and that value is ignored, unless the vertAnchor is set to text, in which case any relative positioning is not allowed, and is itself ignored.[Example: Consider the following WordprocessingML fragment specifying a floating table:<w:[tbl](tbl.docx)> <w:[tblPr](tblPr.docx)> <w:tblpPr … w:vertAnchor="margin" w:tblpY="73" w:tblpYSpec="center"/> </w:[tblPr](tblPr.docx)> …</w:[tbl](tbl.docx)>This floating [table](table.docx) specifies that it has a vertical placement of exactly 73 twentieths of a point relative to the top margin, but that exact placement is overridden by the presence of the tblpYSpec attribute to place the [table](table.docx) in the center of the margin. end example]The possible values for this attribute are defined by the [ST\_YAlign](ST_YAlign.docx) simple [type](type.docx) (§). |
| topFromText (Distance From Top of Table to Text) | Specifies the minimum distance which shall be maintained [between](between.docx) the current floating [table](table.docx) and the bottom edge of text in the paragraph which is above this floating table.This distance is expressed in twentieths of a point.If this attribute is omitted, its value shall be assumed to be 0.[Example: Consider a floating [table](table.docx) which should have a minimum of a one-half inch [spacing](spacing.docx) from any text above it. This constraint would be specified using the following WordprocessingML:<w:[tblPr](tblPr.docx)> <w:tblpPr … w:topFromText="720" /></w:[tblPr](tblPr.docx)>The topFromText attribute specifies that the [spacing](spacing.docx) [between](between.docx) text and this floating [table](table.docx) shall be a minimum of 720 twentieths of a point. end example]The possible values for this attribute are defined by the [ST\_TwipsMeasure](ST_TwipsMeasure.docx) simple [type](type.docx) (§). |
| vertAnchor (Table Vertical Anchor) | Specifies the base [object](object.docx) from which the vertical positioning in the tblpY attribute should be calculated.A floating [table](table.docx) may be horizontally positioned relative to:* The horizontal edge of the page before any runs of text (the top edge for top-to-bottom sections, the bottom for bottom-to-top sections)
* The horizontal edge of the text margin before any runs of text (the top edge for top-to-bottom sections, the bottom for bottom-to-top sections)
* The horizontal edge of the page before any runs of text (the top edge for top-to-bottom sections, the bottom for bottom-to-top sections)

If this attribute is omitted, then its value shall be assumed to be page.[Example: Consider a floating [table](table.docx) which should be positioned two inches below the page top in a top-to-bottom document. This floating [table](table.docx) would be specified using the following WordprocessingML:<w:[tblPr](tblPr.docx)> <w:tblpPr … w:tblpY="2880" w:vertAnchor="page" /></w:[tblPr](tblPr.docx)>These floating [table](table.docx) properties specify that they are relative to the anchor page, and that relative to that page, the [table](table.docx) should be 2880 twentieths of a point in the direction of the flow of text (down, in this case). end example]The possible values for this attribute are defined by the [ST\_VAnchor](ST_VAnchor.docx) simple [type](type.docx) (§). |

The following [XML](XML.docx) Schema fragment defines the contents of this element:

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

 <attribute [name](name.docx)="leftFromText" [type](type.docx)="[ST\_TwipsMeasure](ST_TwipsMeasure.docx)"/>

 <attribute [name](name.docx)="rightFromText" [type](type.docx)="[ST\_TwipsMeasure](ST_TwipsMeasure.docx)"/>

 <attribute [name](name.docx)="topFromText" [type](type.docx)="[ST\_TwipsMeasure](ST_TwipsMeasure.docx)"/>

 <attribute [name](name.docx)="bottomFromText" [type](type.docx)="[ST\_TwipsMeasure](ST_TwipsMeasure.docx)"/>

 <attribute [name](name.docx)="vertAnchor" [type](type.docx)="[ST\_VAnchor](ST_VAnchor.docx)"/>

 <attribute [name](name.docx)="horzAnchor" [type](type.docx)="[ST\_HAnchor](ST_HAnchor.docx)"/>

 <attribute [name](name.docx)="tblpXSpec" [type](type.docx)="[ST\_XAlign](ST_XAlign.docx)"/>

 <attribute [name](name.docx)="tblpX" [type](type.docx)="[ST\_SignedTwipsMeasure](ST_SignedTwipsMeasure.docx)"/>

 <attribute [name](name.docx)="tblpYSpec" [type](type.docx)="[ST\_YAlign](ST_YAlign.docx)"/>

 <attribute [name](name.docx)="tblpY" [type](type.docx)="[ST\_SignedTwipsMeasure](ST_SignedTwipsMeasure.docx)"/>

</complexType>