

## C# - ANCHORS REGULAR EXPRESSIONS

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Anchors allow a match to succeed or fail depending on the current position in the string. The following table lists the anchors –

Assertion	Description	Pattern	Matches
<b>^</b>	The match must start at the beginning of the string or line.	<code>^d{3}</code>	"567" in "567-777-"
<b>\$</b>	The match must occur at the end of the string or before <code>\n</code> at the end of the line or string.	<code>-d{4}\$</code>	"-2012" in "8-12-2012"
<b>\A</b>	The match must occur at the start of the string.	<code>\A\w{3}</code>	"Code" in "Code-007-"
<b>\Z</b>	The match must occur at the end of the string or before <code>\n</code> at the end of the string.	<code>-d{3}\Z</code>	"-007" in "Bond-901-007"
<b>\z</b>	The match must occur at the end of the string.	<code>-d{3}\z</code>	"-333" in "-901-333"
<b>\G</b>	The match must occur at the point where the previous match ended.	<code>\G(\d\)</code>	"1", "3", "5" in "135[7]9"
<b>\b</b>	The match must occur on a boundary between a <code>\w</code> <i>alphanumeric</i> and a <code>\W</code> <i>nonalphanumeric</i> character.	<code>\w</code>	"R", "o", "m" and "1" in "Room#1"
<b>\B</b>	The match must not occur on a <code>\b</code> boundary.	<code>\Bend\w*\b</code>	"ends", "ender" in "end sends endure lender"