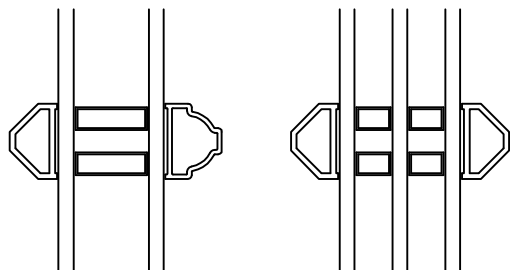
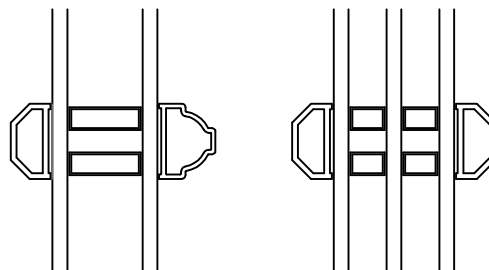


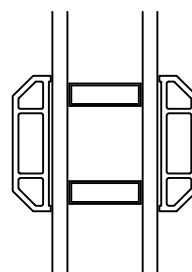
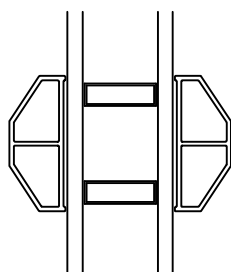
STORM & EDC DOORS



FLUSH CASEMENTS



20mm PUTTY LINE / OVOLO



36mm ASTRAGAL BARS



P10191
20mm Astragal Bar
External - Putty Line - Storm



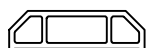
P10193
20mm Astragal Bar
External - Putty Line - Flush
Internal if used on Flush in combination with the 36mm Bar



P90123
20mm Astragal Bar
Internal - Ovolo - Storm & Flush



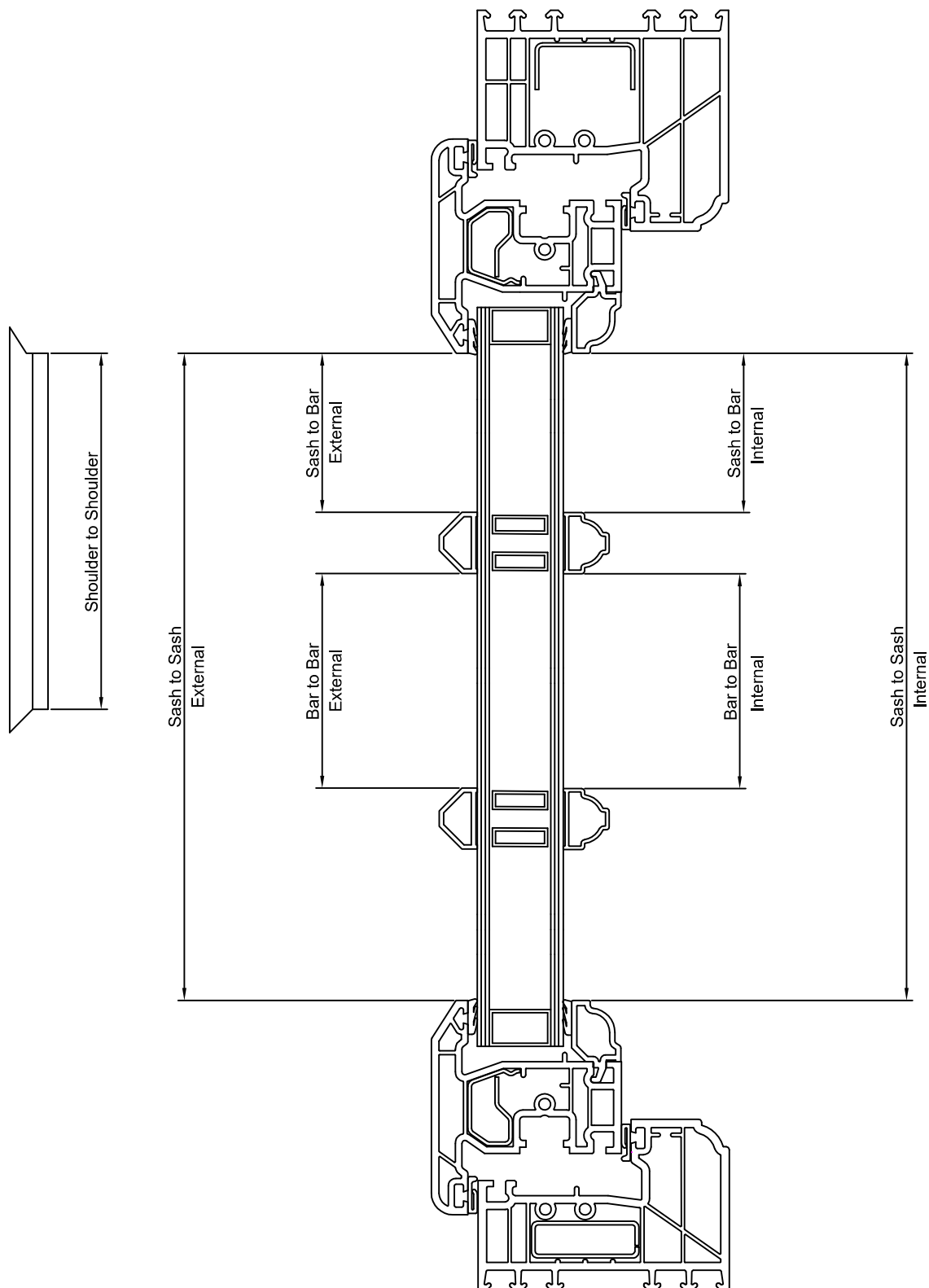
EV03
36mm Astragal Bar
External & Internal - Storm

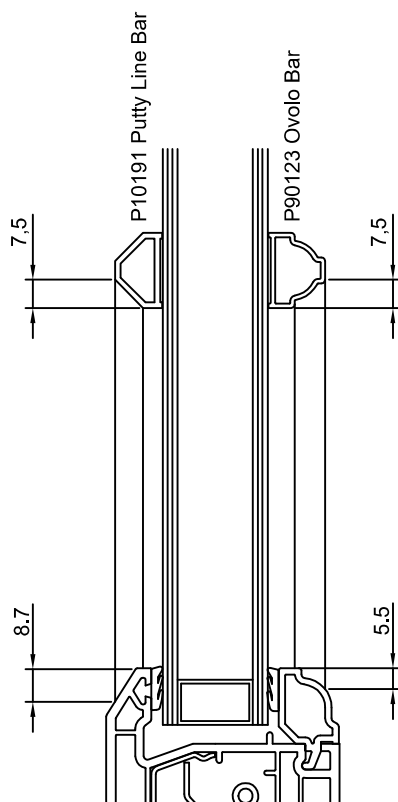


709021
36mm Astragal Bar
External & Internal - Flush

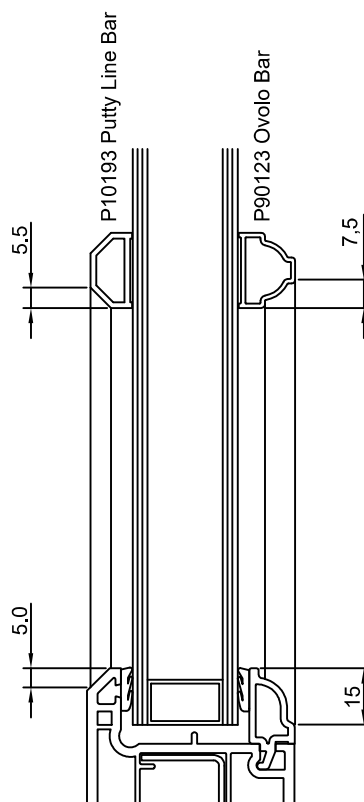
When ordering replacement Astragal bars for existing windows the following naming convention as shown on the example Storm 2 window below must be followed to avoid confusion and to ensure that the correct Astragal bar is supplied to the right length and with the correct end milling. These measurements are what Evolution call 'Shoulder to Shoulder' sizes.

State whether the window is Storm or Flush Casement or Storm Door and what width of Astragal bar is required, either 20mm or 36mm.





Storm Sash



Flush Sash

Due to the way our milling machines are calibrated, it is impossible to be accurate when calculating the cutting length of an astragal bar when we have been provided with an end point to end point measurement.

Our saws and milling machines are calibrated to work from shoulder to shoulder measurements (see page 05.02 of the Evolution Technical Manual), and it is only when provided with these measurements, we can be confident that the bars will fit.

Also, when fitting astragal bars on site, there are occasions when the duplex bars within a sealed unit may not be exactly in the correct position (our suppliers work to a 2mm tolerance) or the sealed unit may not have been glazed within its rebate with an equal spacing all round. This can cause the theoretical length of the bars to be incorrect and not line up with the duplex bars within the sealed unit. This is why we prefer to glaze sashes in our factory.

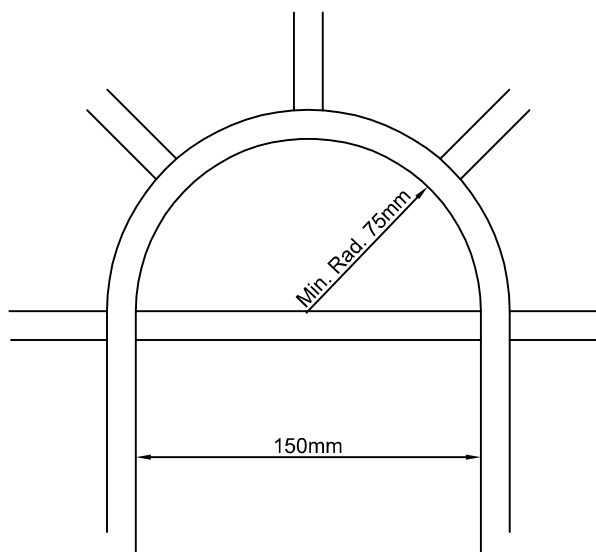
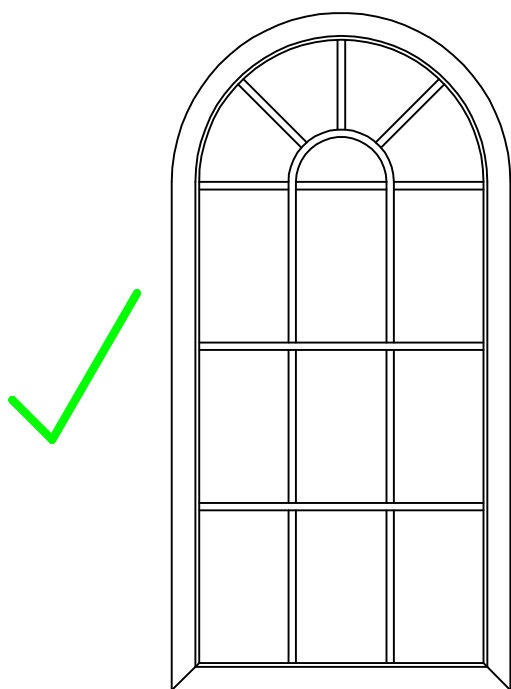
The machinery that Evolution uses to prepare the ends of the 20mm and 36mm Georgian bars only allow for 90° machining at the bar ends. This limits the design options available.

Please bear this in mind when designing any Georgian layout.

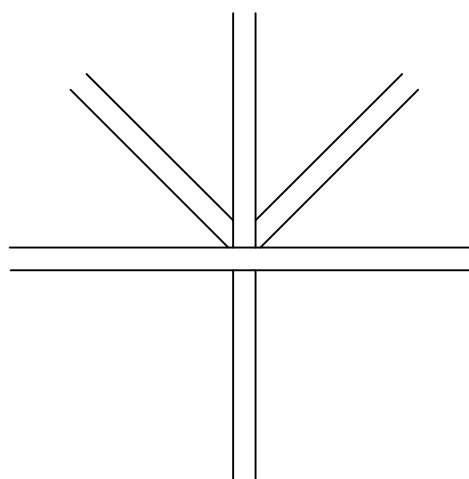
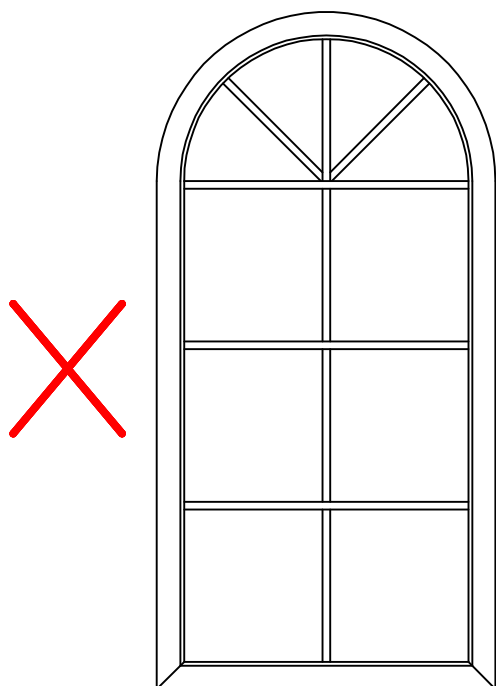
Please also be aware of the minimum radius of 75mm that the 20mm Georgian bars can be bent to.

36mm Georgian bars cannot be bent.

Although the examples below show arched windows, these rules apply to any shaped window or any Georgian layout where a bar meets the Outer Frame, Sash or another bar at any angle other than 90°.



All Georgian bar end preparation is at 90°, therefore, this design is okay to be manufactured.



Two of the Georgian bar end preparations are at 45°, therefore, this design cannot be manufactured