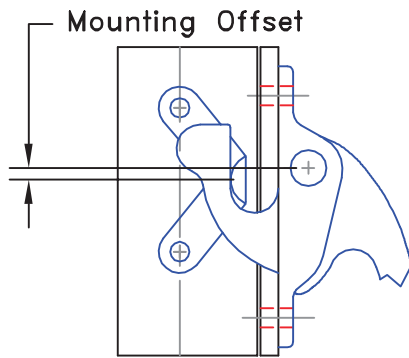
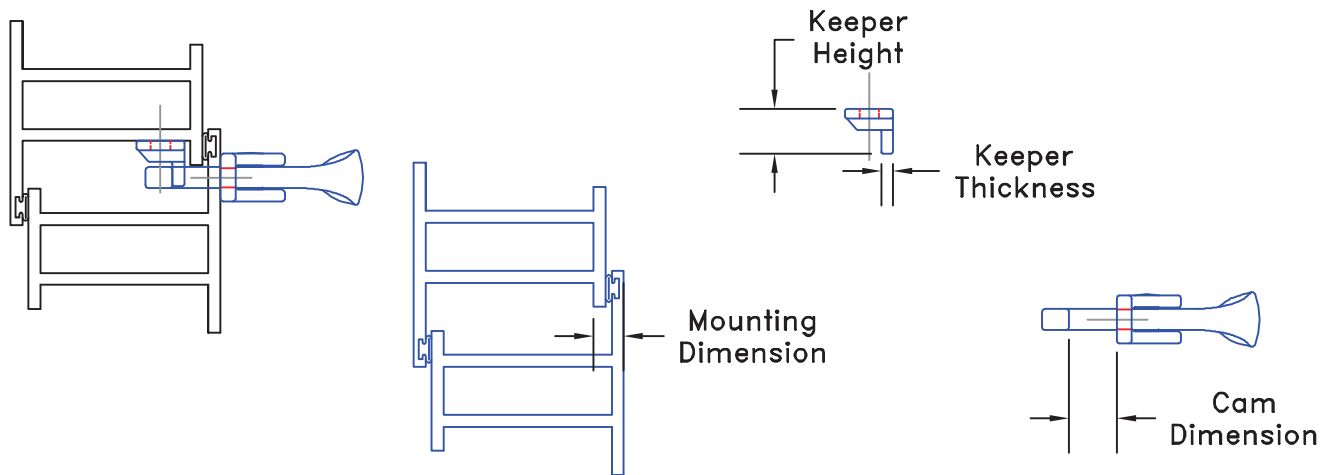


## Casement Hardware Selection Guide

Choosing the correct casement hardware is dependent upon a few important dimensions. The critical dimension is the window's mounting dimension, as shown below. This dimension is profile specific and is the total distance from the external operable sash to the first available area for mounting the keeper. The handle's geometry dictates the cam dimension and the appropriate keeper to use. The other important dimension is the height of the keeper. This height dimension is completely profile dependent. Care must be taken to ensure that the keeper and handle will mate appropriately to ensure proper engagement.



It is very important to align the handle and keeper properly. Labeled as the mounting offset in the drawing, the centerline of the keeper must be between 1/16" to 1/8" below the centerline of the handle's pivot point. Improper alignment of the keeper could result in the vent opening under a negative load.



The hardware dimensions can be found in the following catalog pages. The following simple formula can then be used to determine the correct dimensions.

$$\text{Cam Dimension} = \text{Mounting Dimension} + \text{Keeper Thickness}$$

For example, a window with a mounting dimension of 5/16" could use a handle with a cam dimension of 1/2" plus a keeper with 3/16" thickness.  $1/2" = 5/16" + 3/16"$

In the case of a flush mount condition, where the frame and sash profiles are inline, the same equation can be utilized.