

## PRODUCT TIPS

1. AmesburyTruth recommends that when designing a casement window, the sash width should be limited to no greater than 66% of the sash height. A sash width that exceeds 66% could develop sash sag over the life of the window. Refer to Tech Note # 3 for more information dealing with sash sag prevention.
2. Please refer to Tech Note # 15 for guideline to minimize shipping related damage to the hardware.
3. When selecting mounting screws for our hardware, material and coating compatibility is one of the most important criteria. For best corrosion resistance the material and coating on the screws should be the same as the material and coating on the hardware. For more information see Tech Note # 11.
4. New Hinge Performance Hinges comes with adjustable stud. Hardware is shipped at the neutral position. Adjustment can be made once the window is properly (plumb and square and sash and frame are with correct dimensions) installed to ensure appropriate reveal, weather strip seal.
5. For accurate hardware placement pre-drilling (wood, aluminum, fiberglass) or dimple (vinyl) of the screw holes in the window profile is recommended.
6. For vinyl, aluminum, and fiberglass window applications, mounting screws should pass through 2 walls, or one wall and one insert wall. For this reason, it may be necessary to use a longer screw than is recommended.
7. For metal window profiles, AmesburyTruth recommends machine screws; however, in most applications sheet metal screws will provide adequate holding power.
8. To adjust the hinge, it is necessary to use our Adjustment Wrench # 31887 without having to disconnect the hinge arm.
9. AmesburyTruth recommends that snubbers be used starting at the center of the window on the hinge side that tends to bow outwardly at the center in the closed position. Please refer to the application print for proper snubber locations. Adding snubbers may increase the negative air pressure rating of a casement window. Our new die cast snubbers (23555.92 and 23557.92) will fit the new larger

cavity. Please refer to application print or Tech Note 11 for screw selection.

10. Hinge stop (33506) is recommended as a safeguard for inadvertent disconnection of the arms