



## Innovation Meets New Energy Efficient Requirements

Truth is known for a world-class engineering approach and innovative solution to product design and application. The new High Performance Casement Hinge is another example of this, that sets the new standard for the market. This patent pending hinge is built to provide manufacturers the new possibilities on window design and window size offerings. Whether it is new energy code driven or customer driven for larger openings, the new High Performance Casement Hinge can make your designs possible. Combining impressive performance and weight carrying capabilities, the new High Performance Casement Hinge is up to the task.



*High Performance Snubber* - Concealed within the hinge cavity, Truth's new High Performance Snubbers help create a better seal and increases negative air pressure performance (achieving a minimum of 350 lbs of negative air pressure) when a pair of snubbers are used.



700 West Bridge Street  
Owatonna, MN 55060  
**1-800-866-7884**  
Fax: 507-451-5655

# High Performance

CASEMENT HINGE

Setting A New Industry Standard





# Engineered For High Performance And Weight Carrying Capabilities

Able To Support The Newer Energy Efficient Window Components

## Details That Increase Your Design Possibilities:

High Performance Casement Hinge capable of supporting a 140 lb sash, means manufacturers can now build operable windows that can meet many of today's new energy efficient requirements.

**Innovative Patented Shoe Design** - with built-in roller to reduce friction during operation providing smoother action even under maximum load. This "super shoe" is able to withstand up to 240 lbs of pull-out force in open position and also acts as a shipping block to help protect the hinge from damage during shipping and handling.\*

**Available in 300 Series Stainless Steel** - 300 Series helps provide corrosion protection for the demanding environment in coastal applications.

**Adjustable Brass Stud** - Larger Adjustable Brass Stud with more adjustability than Truth's standard hinges. Nearly 1/8th of an inch of adjustability of the sash helps to ensure a consistent reveal and optimum weather seal while helping to reduce sash drag.

\*Note: See Truth Hardware Tech Note #15 for additional information on preventing damage during shipping & handling.

## High Performance CASEMENT HINGE



**Hinge Stop** - Optional accessory helps prevent disengagement if the window is not handled properly. Also can be used to limit the opening of the sash.

**Unique Shoe Stop Design** - Special feature that helps improve negative air pressure numbers when the window is in the closed position by helping to secure the shoe within the track.

**Engineered to Fit** - into a 5/8" x 1-3/16" hinge cavity, Truth's new High Performance Casement Hinge is a more substantial version of Truth's popular Maxim® Hinge.

**Heavier Duty Hinge Track** - for increased weight carrying capabilities.

Note: The current lock and operator cavity can remain the same as today which allows for all current hardware to remain unchanged.

**Warranty:** Protected under the terms of the Truth Warranty for Window & Door Manufacturers and Authorized Distributors. Refer to Truth's Terms and Conditions for further details.

For more information visit [www.truth.com](http://www.truth.com) or call 1-800-866-7884.