HOMEGARD® SASH LOCK

Truth Hardware's new HomeGard Sash Lock with its smooth contemporary styling and impressive list of features is certain to be a hit. Designed around our very popular Low Profile Sash Lock dimensions, the #16.52 HomeGard Sash Lock will be a perfect replacement for someone wishing to upgrade their window system without having to alter current stops or screen sizes.

INSTALLATION

The HomeGard Sash Lock is engineered to be more forgiving when applying the locks and keepers on the sash and frame. This benefit is of even greater importance in the field where installation and sash drag can affect lock-up.

CONSISTENT, SECURE FEEL

A strong detent at fully locked and unlocked positions provide the homeowner with a consistent feeling of security each time the lock is operated. Another advantage of this detent is that it makes this lock virtually pick-proof (depending upon window design).

STYLISH APPEARANCE

The HomeGard Sash Lock has new attractive aesthetics which continue Truth's efforts to design hardware for the 21st century. The softer lines follow in the footsteps of Truth Hardware's Multi-Point® Locks, Metal Operator Cover and Folding Handle. We have also eliminated the infamous "black hole" from the front of the HomeGard Lock. This change not only improves aesthetics, but also increases weathertightness.

SUPERIOR CAPABILITIES

Exceptional .625" (15.8 mm) reach-out for maximum pull-in of the sash. When properly installed, the HomeGard has been tested to withstand negative air pressure of a minimum 275 lbs. per lock. The HomeGard Sash Lock is capable of tandem locking when dual locking is required and the #16.53 HomeGard Secondary Lock and tie bar are used.

WARRANTY:

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

E-GARD® HARDWARE

Truth's E-Gard® Hardware has a multi-stage coating process that produces a superior physical and aesthetic finish. Plus, it is resistant to a wider range of corrosive materials, including industrial cleaning materials and environmental pollutants. This proprietary process has been tested to be approximately three times better than common zinc plated finishes.

MATERIAL: High-pressure die-cast zinc locking handle and case with galvanized steel back plate. High-strength plastic latch and steel keeper.

FINISH: Electrostatically applied, durable coatings that provide excellent resistance to chipping, scratching and corrosion while maintaining color stability for years in direct sunlight. Please refer to Truth's Color Chart for examples of Truth's most popular finish options. Truth also offers a wide range of decorative "plated" finishes - contact Truth for additional information on availability of these finishes on specific product lines.

ORDERING INFORMATION:

1. For tandem operation lower (primary) and upper (secondary) locks must be ordered separately (specify by part number):
#16.52 HomeGard Sash Lock
#16.53 HomeGard (secondary) Sash Lock. Note: #16.53 only used in tie bar applications.

2. Specify finish number.

3. Select mounting hardware sold separately.
#41268 LH Keeper with slotted hole.
#41269 RH Keeper with slotted hole.

4. Specify between galvanized wire tie bars and flat steel tie bars. Contact Truth Hardware for additional information.

5. Optional mounting hardware:
#90082 LH Keeper Template
#90083 RH Keeper Template

RECOMMENDED SCREWS:

Types of screws required determined by material of profile used. See Tech Note #11. Refer to drawings for complete information on screw type and quantity needed (sold separately).

TRUTH TIPS:

1. Mounting templates are available to aid in locating the correct mounting hole positions for the sash lock and keeper.

2. When tandem operation of two sash locks are used, the tie bar must be confined to prevent buckling. This is most easily accomplished by confining the tie bar route within the frame (See drawings for routing options).

3. To apply a tie bar to a pair of sash locks, simply insert the pins on the tie bar into the holes provided on the back of the sash locks.

4. In wood window applications, make sure that fasteners do not interfere with movement of the tie bar.

5. Sash Lock has .625" (15.8 mm) of reach-out to pull the sash in tight against the weatherstripping.

6. When selecting mounting screws for Truth hardware, coating compatibility is one of the most important criteria. For best corrosion resistance the coating on the screws should be the same as the coating on the hardware.

7. For accurate hardware placement in vinyl or metal applications, pre-drilling of the window profile is recommended.

8. For vinyl window applications, mounting screws should pass through two PVC walls, or one PVC wall and one insert wall. For this reason, it may be necessary to use a longer screw than is recommended.

9. For metal window profiles, Truth Hardware recommends machine screws. However, in most applications, sheet metal screws will provide adequate holding power.

10. Truth Hardware recommends that a Snubber be used at the center of the hinge side on any casement window which has a tendency to bow outwardly at the center in the closed position. Adding a Snubber may increase the negative air pressure rating of the window.

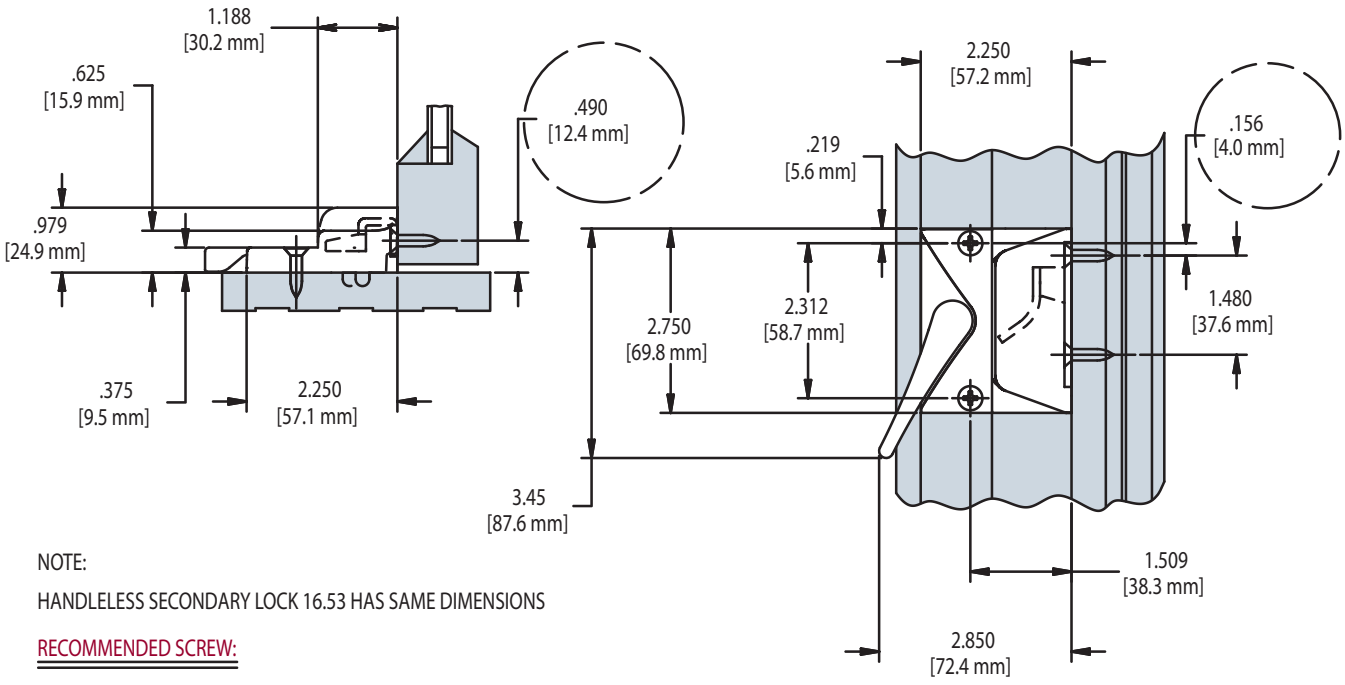
INCLUDE TRUTH SPECS ON YOUR NEXT WINDOW PROJECT

Window sash locks shall be included which will increase both security and weather seal tightness. The lock must also allow easy removal of window screen panel. The locks must hold securely up to 275 lbs. of force per lock for negative air pressure and forced entry resistance.

Window sash locks will be used which provide .625" (15.8 mm) of pull-in created by a sliding latch locking mechanism. The lock must also allow tandem operation of two locks to meet ADA hardware height standards. The lock shall be constructed of high pressure zinc alloy die castings, stainless steel spring, high strength plastic latch, galvanized back plate, and E-Gard® Hardware keepers.

Window locks shall be 16 series HomeGard Sash Locks as manufactured by Truth Hardware, Owatonna, Minnesota.

FIG. 1 16.52 CASEMENT SASH LOCK



NOTE:

HANDLELESS SECONDARY LOCK 16.53 HAS SAME DIMENSIONS

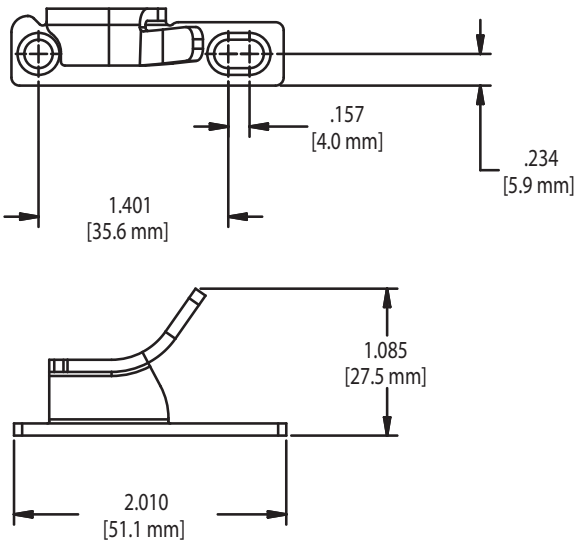
RECOMMENDED SCREW:

WOOD: 2 (P/N 19260) #8 X 1.25 PHILLIPS, FLAT HEAD,SHEET METAL SCREWS (PAINTED)

PVC/METAL: 2-#8 PAN HEAD SCREW (LENGTH AND THREAD TYPE DETERMINED BY PROFILE)

NON-HANDED

FIG. 2 16.52 & 16.53 KEEPERS 41268 (LH) & 41269 (RH)



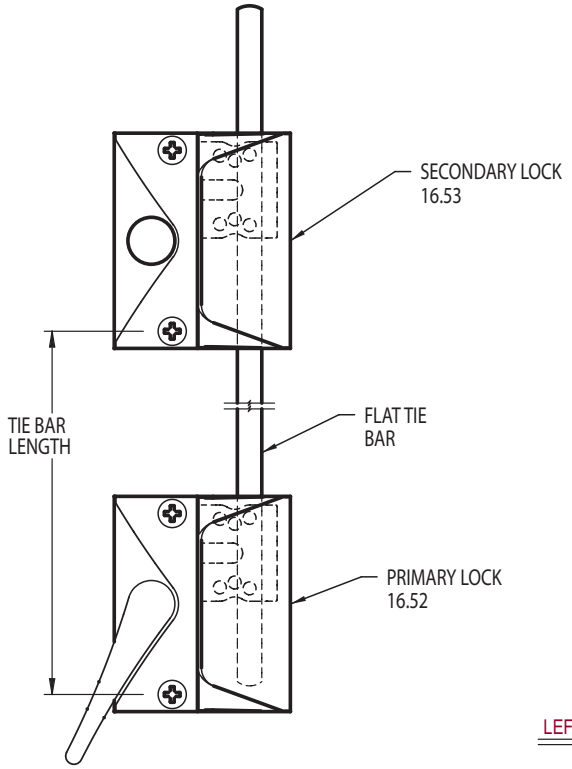
RECOMMENDED SCREW:

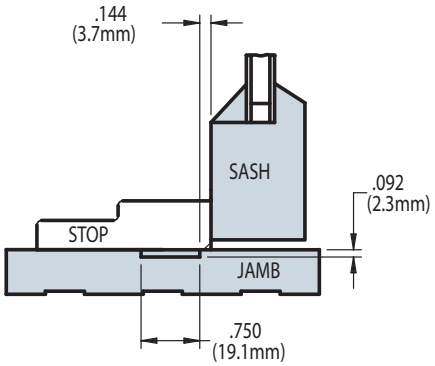
WOOD: 2 (P/N 19240) #8 X 1.0 PHILLIPS, FLAT HEAD,SHEET METAL SCREWS (PAINTED)

PVC/METAL: 2-#8 PAN HEAD SCREW (LENGTH AND THREAD TYPE DETERMINED BY PROFILE)

LEFT HAND SHOWN

FIG. 3 APPLICATION OF TIE-BAR FOR 16.52 CASEMENT SASH LOCK

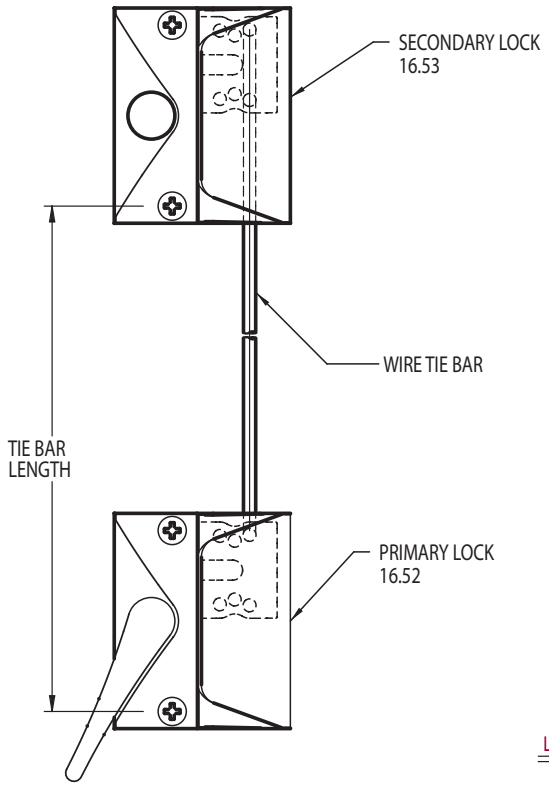


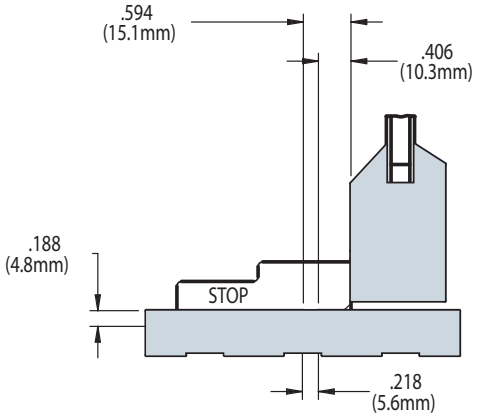


ROUTE PROFILE FOR FLAT TIE BAR CAVITY

CONTACT TRUTH FOR AVAILABLE TIE BARS

LEFT HAND SHOWN





ROUTE PROFILE FOR WIRE TIE BAR CAVITY

CONTACT TRUTH FOR AVAILABLE TIE BARS

LEFT HAND SHOWN

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