## **Call us at 800-992-4282 for pricing.**

### Returns incur a 25% restocking fee.

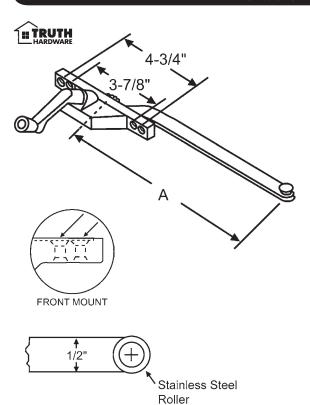
Orders under \$25 incur a \$5 small order handling fee.



## Window Replacement Hardware

## Face Mounted Casement Operators

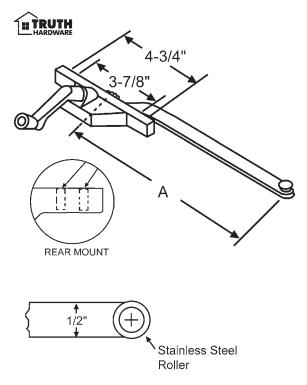
### TRUTH'S SINGLE ARM CASEMENT OPERATORS - FRONT MOUNT



Part #	Hand	Arm Length ("A")	Finish	Roller
36-323-8	Shown	7-1/2"	Chestnut Bronze	Stainless Steel
36-324-8	Opposite	7-1/2"	Chestnut Bronze	Stainless Steel
36-323-10	Shown	7-1/2"	Black	Stainless Steel
36-324-10	Opposite	7-1/2"	Black	Stainless Steel
36-433-1	Shown	9-1/2"	Bronze	Stainless Steel
36-434-1	Opposite	9-1/2"	Bronze	Stainless Steel
36-433-3	Shown	9-1/2"	White	Stainless Steel
36-434-3	Opposite	9-1/2"	White	Stainless Steel
36-433-8	Shown	9-1/2"	Chestnut Bronze	Stainless Steel
36-434-8	Opposite	9-1/2"	Chestnut Bronze	Stainless Steel
36-433-10	Shown	9-1/2"	Black	Stainless Steel
36-434-10	Opposite	9-1/2"	Black	Stainless Steel
36-431-1	Shown	13-1/2"	Bronze	Stainless Steel
36-432-1	Opposite	13-1/2"	Bronze	Stainless Steel
36-431-8	Shown	13-1/2"	Chestnut Bronze	Stainless Steel
36-432-8	Opposite	13-1/2"	Chestnut Bronze	Stainless Steel
36-431-10	Shown	13-1/2"	Black	Stainless Steel
36-432-10	Opposite	13-1/2"	Black	Stainless Steel

Continued on Next Page Handle sold separately. See Page 170

### TRUTH'S SINGLE ARM CASEMENT OPERATORS - REAR MOUNT

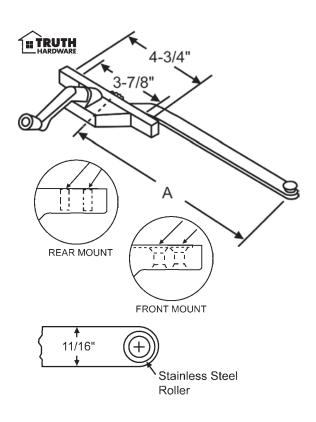


Part #	Hand	Arm Length ("A")	Finish	Roller
36-338-9	Shown	7-1/2"	Beige	Stainless Steel
36-339-9	Opposite	7-1/2"	Beige	Stainless Steel
36-338-10	Shown	7-1/2"	Black	Stainless Steel
36-339-10	Opposite	7-1/2"	Black	Stainless Steel
36-444-3	Shown	9-1/2"	White	Stainless Steel
36-445-3	Opposite	9-1/2"	White	Stainless Steel
36-444-8	Shown	9-1/2"	Chestnut Bronze	Stainless Steel
36-445-8	Opposite	9-1/2"	Chestnut Bronze	Stainless Steel
36-444-13	Shown	9-1/2"	Brush Copper Nickel	Stainless Steel
36-445-13	Opposite	9-1/2"	Brush Copper Nickel	Stainless Steel
36-439-1	Shown	13-1/2"	Bronze	Stainless Steel
36-440-1	Opposite	13-1/2"	Bronze	Stainless Steel
36-439-3	Shown	13-1/2"	White	Stainless Steel
36-440-3	Opposite	13-1/2"	White	Stainless Steel
36-439-7	Shown	13-1/2"	Aluminum	Stainless Steel
36-440-7	Opposite	13-1/2"	Aluminum	Stainless Steel
36-439-8	Shown	13-1/2"	Chestnut Bronze	Stainless Steel
36-440-8	Opposite	13-1/2"	Chestnut Bronze	Stainless Steel
36-439-10	Shown	13-1/2"	Black	Stainless Steel
36-440-10	Opposite	13-1/2"	Black	Stainless Steel
36-439-13	Shown	13-1/2"	Brush Copper Nickel	Stainless Steel
36-440-13	Opposite	13-1/2"	Brush Copper Nickel	Stainless Steel

Handle sold separately. See Page 170

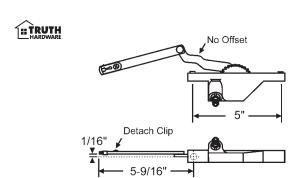
## **Face Mounted Casement Operators**

### TRUTH'S SINGLE ARM CASEMENT OPERATORS - FRONT & REAR MOUNT



Part #	Hand	Mounting	Arm Length ("A")	Finish
36-230-8	Shown	Front	6"	Chestnut Bronze
36-231-8	Opposite	Front	6"	Chestnut Bronze
36-220-3	Shown	Front	9"	White
36-221-3	Opposite	Front	9"	White
36-220-7	Shown	Front	9"	Aluminum
36-221-7	Opposite	Front	9"	Aluminum
36-220-8	Shown	Front	9"	Chestnut Bronze
36-221-8	Opposite	Front	9"	Chestnut Bronze
36-222-1	Shown	Front	11"	Bronze
36-223-1	Opposite	Front	11"	Bronze
36-222-3	Shown	Front	11"	White
36-223-3	Opposite	Front	11"	White
36-222-6	Shown	Front	11"	Clay
36-223-6	Opposite	Front	11"	Clay
36-222-7	Shown	Front	11"	Aluminum
36-223-7	Opposite	Front	11"	Aluminum
36-222-8	Shown	Front	11"	Chestnut Bronze
36-223-8	Opposite	Front	11"	Chestnut Bronze
36-224-3	Shown	Rear	9"	White
36-225-3	Opposite	Rear	9"	White
36-224-13	Shown	Rear	9"	Brushed Copper Nickel
36-225-13	Opposite	Rear	9"	Brushed Copper Nickel
36-226-3	Shown	Rear	11"	White
36-227-3	Opposite	Rear	11"	White
36-226-8	Shown	Rear	11"	Chestnut Bronze
36-227-8	Opposite	Rear	11"	Chestnut Bronze
36-226-10	Shown	Rear	11"	Black
36-227-10	Opposite	Rear	11"	Black

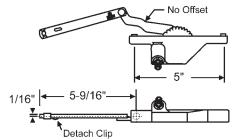
### TRUTH'S REAR MOUNT DYAD CASEMENT OPERATORS



Part #	Hand	Finish
36-240-3	Shown	White
36-241-3	Opposite	White
36-240-6	Shown	Clay
36-241-6	Opposite	Clay
36-240-10	Shown	Black
36-241-10	Opposite	Black

Handle sold separately. See Page 170. **Note:** Detached clips can be reversed in the field.



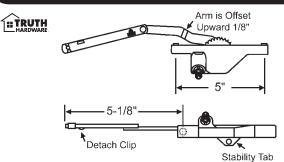


Part #	Hand	Finish
36-244-1	Shown	Bronze
36-245-1	Opposite	Bronze
36-244-3	Shown	White
36-245-3	Opposite	White
36-244-8	Shown	Chestnut Bronze
36-245-8	Opposite	Chestnut Bronze
36-244-14	Shown	Cocoa Brown
36-245-14	Opposite	Cocoa Brown
36-244-29	Shown	Bright White
36-245-29	Opposite	Bright White

Handle sold separately. See Page 170. **Note:** Detached clips can be reversed in the field.

## **Face Mounted Casement Operators**

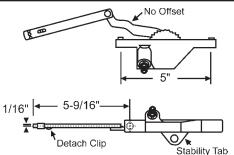
### TRUTH'S REAR MOUNT DYAD CASEMENT OPERATORS



Part #	Hand	Finish
36-280-1	Shown	Bronze
36-281-1	Opposite	Bronze
36-280-9	Shown	Beige
36-281-9	Opposite	Beige
36-280-29	Shown	Bright White
36-281-29	Opposite	Bright White

Handle sold separately. See Page 170. Note: Detached clips can be reversed in the field.

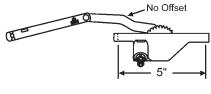


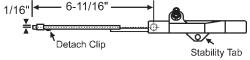


Part #	Hand	Finish
36-264-3	Shown	White
36-265-3	Opposite	White
36-264-9	Shown	Beige
36-265-9	Opposite	Beige
36-264-29	Shown	Bright White
36-265-29	Opposite	Bright White

Handle sold separately. See Page 170. Note: Detached clips can be reversed in the field.



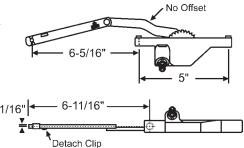




Part #	Hand	Finish
36-274-3	Shown	White
36-275-3	Opposite	White
36-274-6NEG	Shown	Clay
36-275-6NEG	Opposite	Clay
36-274-8	Shown	Chestnut Bronze
36-275-8	Opposite	Chestnut Bronze
36-274-9	Shown	Beige
36-275-9	Opposite	Beige

Handle sold separately. See Page 170. Note: Detached clips can be reversed in the field.

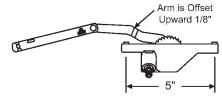


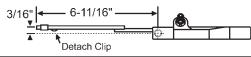


Part #	Hand	Finish
36-254-3	Shown	White
36-255-3	Opposite	White
36-254-6	Shown	Clay
36-255-6	Opposite	Clay
36-254-1	Shown	Bronze
36-255-1	Opposite	Bronze

Handle sold separately. See Page 170. Note: Detached clips can be reversed in the field.



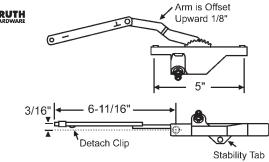




Part #	Hand	Finish
36-256-8	Shown	Chestnut Bronze
36-257-8	Opposite	Chestnut Bronze
36-256-4	Shown	Coppertone
36-257-4	Opposite	Coppertone

Handle sold separately. See Page 170. Note: Detached clips can be reversed in the field.



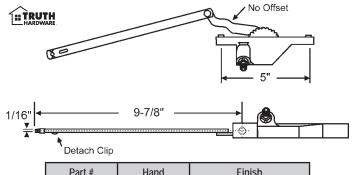


Part #	Hand	Finish
36-276-3	Shown	White
36-277-3	Opposite	White

Handle sold separately. See Page 170. Note: Detached clips can be reversed in the field.

## **Face Mounted Casement Operators**

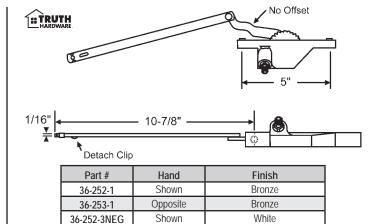
### TRUTH'S REAR MOUNT DYAD CASEMENT OPERATORS



Part #	Hand	Finish
36-248-1	Shown	Bronze
36-249-1	Opposite	Bronze
36-248-3	Shown	White
36-249-3	Opposite	White

Handle sold separately. See Page 170.

Note: Detached clips can be reversed in the field.



Handle sold separately. See Page 170.

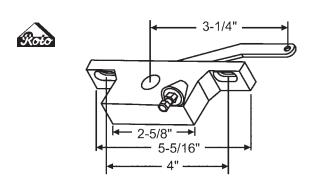
Note: Detached clips can be reversed in the field.

Opposite

36-253-3NEG

White

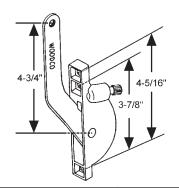
#### **FACE MOUNTED CASEMENT OPERATORS**



Part #	Hand	Finish
36-333SP*	Shown	Bronze
36-334SP	Opposite	Bronze

Handle sold separately. See Pages 169-171.

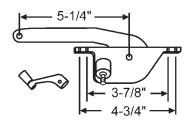
\*call for availability



Part #	Description	Finish
900-14122	Flat Arm (shown)	Aluminum

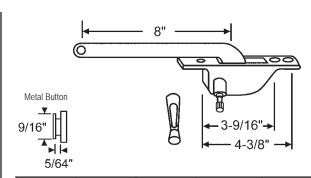
Woodco

### Sorry, No Longer Available



	I	I		
Part #	Hand	Finish	"T" Handles	Handle Only
36-138	Shown	Bronze	37-106B	37-111
36-139	Opposite	Bronze	37-106B	37-111
36-140	Shown	Aluminum	37-106	37-112
36-141	Opposite	Aluminum	37-106	37-112

Handle Included. Hand knobs use 5/16" size only.

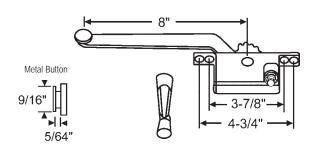


Part #	Hand	Finish	"T" Handles	Handle Only
36-134	Shown	Brown	37-106B	37-111
36-135	Opposite	Brown	37-106B	37-111

Die Cast - Handle Included

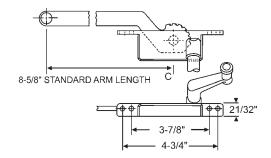
Thorn/Dorchester

## **Face Mounted Casement Operators**



Part #	Hand	Finish	"T" Handles	Handle Only
36-110	Shown	Aluminum	37-113	37-100
36-104	Opposite	Aluminum	37-113	37-100
36-111B	Shown	Bronze	37-113B	37-101
36-109B	Opposite	Bronze	37-113B	37-101

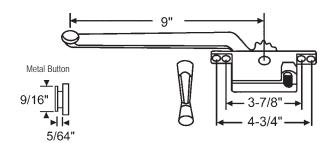
Handle Included



Part #	Hand	Finish
36-143	Shown	Light Bronze
36-142	Opposite	Light Bronze
36-143AL	Shown	Aluminum
36-142AL	Opposite	Aluminum

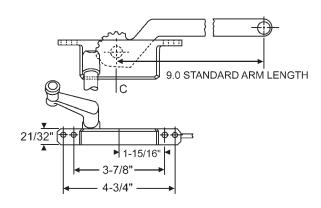
Handle Included.

#### **Dorchester**



Part #	Hand	Finish	"T" Handles	Handle Only
36-114	Shown	Aluminum	37-113	37-100
36-112	Opposite	Aluminum	37-113	37-100
36-115B	Shown	WCM Bronze	37-113B	37-101B
36-113B	Opposite	WCM Bronze	37-113B	37-101B
36-114W	Shown	White	37-113W	37-100W
36-112W	Opposite	White	37-113W	37-100W
36-115	Shown	Brown	37-113B	37-101
36-113	Opposite	Brown	37-113B	37-101

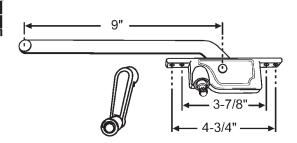
Die Cast - Handle Included. Hand knobs use 3/8" size only.



Part #	Hand	Finish	Package
36-143-9	Shown	Light Bronze	Bagged
36-142AL-9	Opposite	Aluminum	Bagged

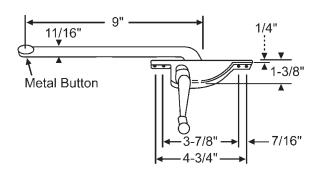
Handle Included

#### **Dorchester**



Part #	Hand	Finish	
36-448	Shown	Aluminum	
36-446	Opposite	Aluminum	
36-449	Shown	WCM Bronze	
36-447	Opposite	WCM Bronze	

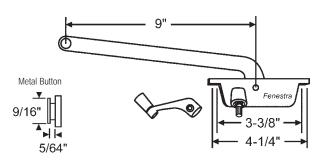
Handle Included



Part #	Hand	Finish
36-314	Shown	Aluminum
36-312	Opposite	Aluminum
36-313	Shown	Bronze
36-311	Opposite	Bronze

Handle Included

## **Face Mounted Casement Operators**

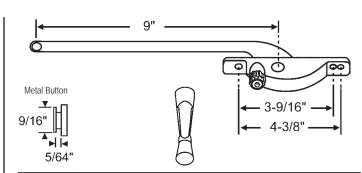


Part #	Hand	Finish
36-130	Shown	Aluminum
36-131	Opposite	Aluminum

Handle Included

T-Handle Only: 37-106 (Aluminum); Additional Crank Handle: 37-112 (Aluminum)

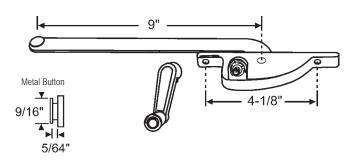
#### Fenestra



Part #	Hand	Finish	"T" Handles	Handle Only
36-102	Shown	Aluminum	37-106	37-112
36-100	Opposite	Aluminum	37-106	37-112
36-103	Shown	Brown	37-106B	37-111
36-101	Opposite	Brown	37-106B	37-111

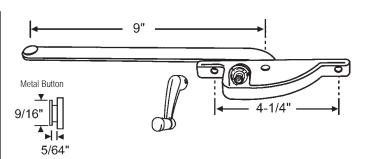
Handle Included

#### **Thorn**



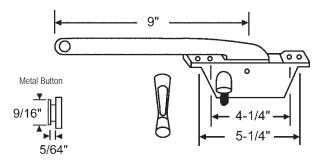
Part #	Hand	Finish	"T" Handles	Handle Only
36-118	Shown	Aluminum	37-106	37-112
36-116	Opposite	Aluminum	37-106	37-112
36-119B	Shown	WCM Bronze	37-106B	37-111
36-117B	Opposite	WCM Bronze	37-106B	37-111

Handle Included



Part #	Hand	Finish	"T" Handles	Handle Only
36-107	Shown	Aluminum	37-106	37-112
36-105	Opposite	Aluminum	37-106	37-112
36-108	Shown	Bronze	37-106B	37-111
36-106	Opposite	Bronze	37-106B	37-111

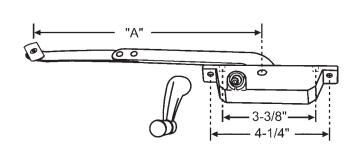
Handle Included



Part #	Hand	Finish	"T" Handles	Handle Only
36-136	Shown	Aluminum	37-106	37-112
36-137	Opposite	Aluminum	37-106	37-112

Handle Included
Use with Casement Track 38-51.

Fenestra

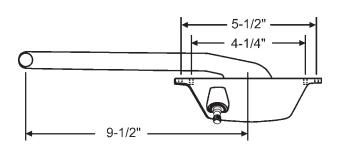


Part #	Hand	Finish	"A"
36-150-9	Shown	Aluminum	9"
36-151-9	Opposite	Aluminum	9"
36-150	Shown	Aluminum	13"
36-151	Opposite	Aluminum	13"

Handle Included. Hand knobs use 5/16" size only.

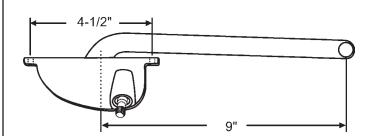
#### Fenestra

## **Face Mounted Casement Operators**



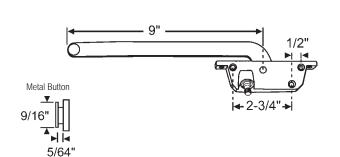
Part #	Hand	Finish
900-9653LH	Shown	White Bronze
900-9653RH	Opposite	White Bronze

Polished Lacquered Finish



Part #	Hand	Finish	
900-9651RH	Shown	Red Bronze	
900-9651LH	Opposite	Red Bronze	

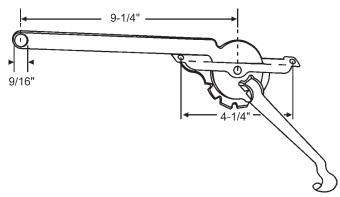
Polished Lacquered Finish



Part #	Hand	Finish
36-132	Shown	Brown
36-133	Opposite	Brown

Die Cast - Handle Included

Fenestra

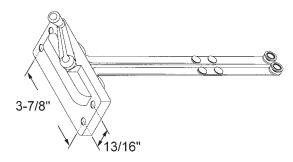


Part #	Hand	Finish	Handle Length
36-524RH-7SV	Shown	Silver	7"
36-524LH-7SV	Opposite	Silver	7"
36-524RH-9SV	Shown	Silver	9"
36-524LH-9SV	Opposite	Silver	9"

Lever Operator

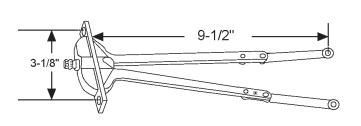
#### Fenestra

### **Greenhouse Operators**



Part #	Finish
900-20115B	Bronze
900-20115W	White

4-Hole Greenhouse Operator with Handle

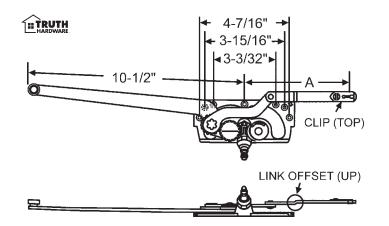


Part #	Finish
900-21266BK	Black

2 Hole Greenhouse Operator

## Sill Mounted Casement Operators

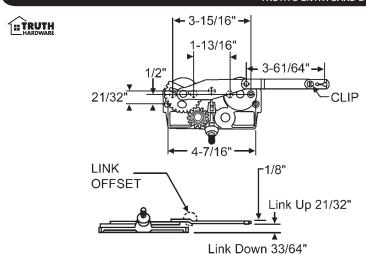
#### TRUTH'S ENTRYGARD DUAL ARM OPERATORS



Part #	А	Hand	Link Offset	Clip
36-173	5-17/64"	Shown	Up	Тор
36-174	5-17/64"	Opposite	Up	Тор
36-192	5-17/64"	Shown	Down	Тор
36-191	5-17/64"	Opposite	Down	Тор
36-195	5-17/64"	Shown	Up	Bottom
36-196	5-17/64"	Opposite	Up	Bottom
36-335	5-17/64"	Shown	Down	Bottom
36-336	5-17/64"	Opposite	Down	Bottom
36-183	2-59/64"	Shown	Up	Тор
36-184	2-59/64"	Opposite	Up	Тор
36-186	4-5/8"	Shown	Up	Тор
36-185	4-5/8"	Opposite	Up	Тор

For handles and covers see charts on pages 168 and 170. Note: Detached clips can be reversed in the field.

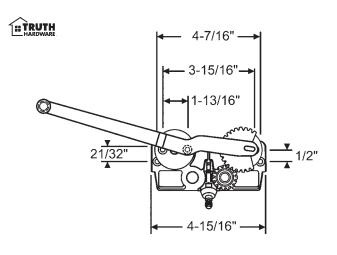
#### TRUTH'S ENTRYGARD DYAD ARM OPERATORS



Part #	Hand	Link Offset	Clip
36-177	Shown	Down	Тор
36-178	Opposite	Down	Тор
36-193	Shown	Up	Тор
36-194	Opposite	Up	Тор
36-199	Opposite	Down	Bottom
36-199CG	Opposite	Down	Bottom
36-200	Shown	Down	Bottom
36-200CG	Shown	Down	Bottom
36-197	Shown	Up	Bottom
36-198	Opposite	Up	Bottom

For handles and covers see charts on pages 168 and 170. **Note:** Detached clips can be reversed in the field.

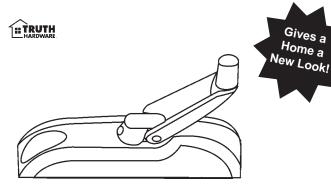
### TRUTH'S ENTRYGARD SINGLE ARM OPERATORS



Part #	Hand
36-290LH	Shown
36-290RH	Opposite

For handles and covers see charts on pages 168 and 170.

#### TRUTH'S ENTRYGARD FOLDING HANDLE CONVERSION KIT





Converts crank handle to a folding handle. Just remove handle and cover, and install over operator.

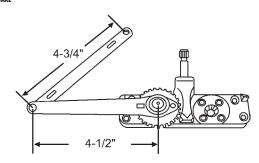
Part #	Finish
37-220-1	Bronze
37-220-3	White

Folding Handle System. Non-Hand. Fits all Entrygard products. Other finishes available

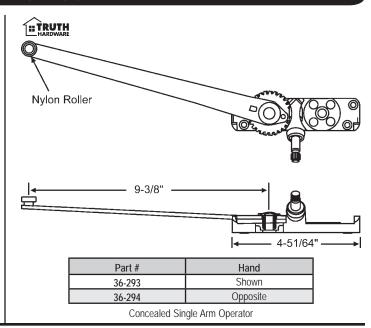
## Sill Mounted Casement Operators

### TRUTH'S CONCEALED OPERATORS

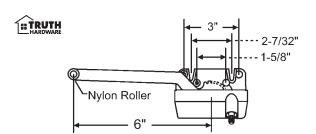




Part #	Hand	Finish	Link Arm
36-282	Shown	Mill	Offset - Up
36-283	Opposite	Mill	Offset - Up
36-366	Shown	E-Gard	No Offset
36-367	Opposite	E-Gard	No Offset

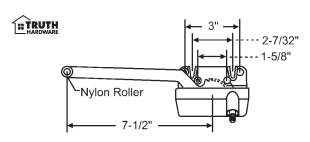


### TRUTH'S TRADITIONAL STYLE SINGLE ARM OPERATORS



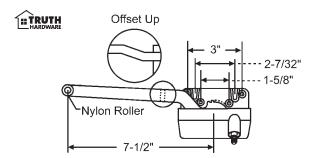
Part #	Hand	Finish
36-213-1S	Shown	Bronze
36-211-1S	Opposite	Bronze
36-213-3S	Shown	White
36-211-3S	Opposite	White
36-213-6	Shown	Clay
36-211-6	Opposite	Clav

Handles sold separately. See chart on page 170.



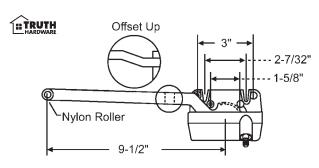
Part #	Hand	Finish
36-216-1S	Shown	Bronze
36-215-1S	Opposite	Bronze
36-216-2S	Shown	Gold
36-215-2S	Opposite	Gold
36-216-3S	Shown	White
36-215-3S	Opposite	White

Handles sold separately. See chart on page 170.



Part #	Hand	Finish
36-375-3S	Shown	White
36-376-3S	Opposite	White

Handles sold separately. See chart on page 170.

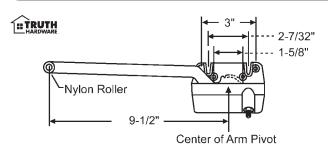


Part #	Hand	Finish
36-377-3S	Shown	White
36-378-3S	Opposite	White

Handles sold separately. See chart on page 170.

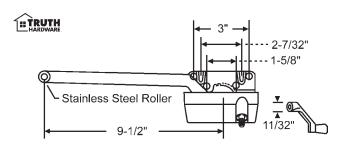
## **Sill Mounted Casement Operators**

### TRUTH'S TRADITIONAL STYLE SINGLE ARM OPERATORS



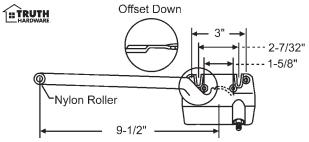
Part #	Hand	Finish
36-128-1S	Shown	Bronze
36-129-1S	Opposite	Bronze
36-128-2S	Shown	Gold
36-129-2S*	Opposite	Gold
36-128-3S	Shown	White
36-129-3S	Opposite	White

Handles sold separately. See chart on page 170.



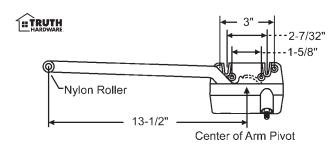
Part #	Hand	Finish
36-331-2S	Shown	Gold
36-332-2S	Opposite	Gold

Handles sold separately. See chart on page 170.



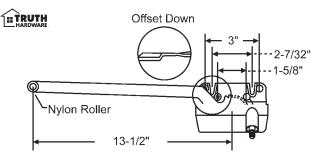
Part #	Hand	Finish
36-122-1S	Shown	Bronze
36-123-1S	Opposite	Bronze
36-122-2S	Shown	Gold
36-123-2S	Opposite	Gold
36-122-3S	Shown	White
36-123-3S	Opposite	White

Handles sold separately. See chart on page 170.



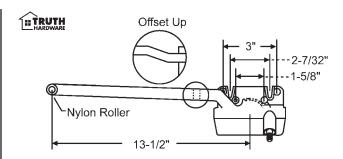
Part #	Hand	Finish
36-152-1S	Shown	Bronze
36-154-1S	Opposite	Bronze
36-152-2S	Shown	Gold
36-154-2S	Opposite	Gold
36-152-3S	Shown	White
36-154-3S	Opposite	White

Handles sold separately. See chart on page 170.



Part #	Hand	Finish
36-209-1S	Shown	Bronze
36-210-1S	Opposite	Bronze
36-209-2S	Shown	Gold
36-210-2S	Opposite	Gold
36-209-3S*	Shown	White
36-210-3S	Opposite	White

Handles sold separately. See chart on page 170.



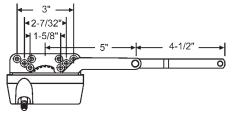
Part #	Hand	Finish	
36-321-1S	Shown	Bronze	
36-387-1S	Opposite	Bronze	
36-321-3S*	Shown	White	
36-387-3S*	Opposite	White	

Handles sold separately. See chart on page 170.

## **Sill Mounted Casement Operators**

### TRUTH'S TRADITIONAL STYLE SPLIT ARM OPERATORS





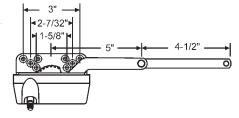


Part #	Hand	Finish	
36-410-3S	Shown	White	
36-411-3S	Opposite	White	

Dyad Operator without Detach Clip

Uses: 39-21 and 39-22 stud brackets. Detach clip sold separately as 39-207. See handles on pages 170.

### TRUTH



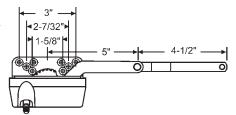


Part #	Hand	Finish	
36-391-3S	Shown	White	
36-390-3S	Opposite	White	

Dyad Operator without Detach Clip

Uses: 39-21 and 39-22 stud brackets. Detach clip sold separately as 39-207. See handles on pages 170.

TRUTH



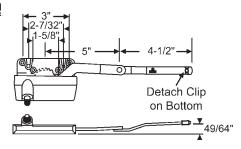


Part #	Hand	Finish	
36-205-1S	Shown	Bronze	
36-206-1S	Opposite	Bronze	
36-205-2S	Shown	Gold	
36-206-2S	Opposite	Gold	
36-205-3S	Shown	White	
36-206-3S	Opposite	White	

Dyad Operator without Detach Clip

Uses: 39-21 and 39-22 stud brackets. Detach clip sold separately as 39-207. See handles on pages 170.

### TRUTH

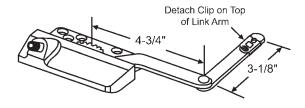


Part #	Hand	Finish	
36-327-3S	Shown	White	
36-328-3S	Opposite	White	
36-327-9NEG	Shown	Beige	
36-328-9NEG	Opposite	Beige	

Dyad Operator without Detach Clip For handles and covers see charts on pages 168 and 170.

**Note:** Detached clips can be reversed in the field.

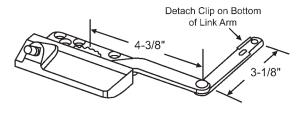
#### TRUTH HARDWARE



Part #	Hand	Finish	
36-296-3 Shown		White	
36-295-3	Opposite	White	

Split-Arm Operator that replaces original Wright operator.

#### TRUTH HARDWARE

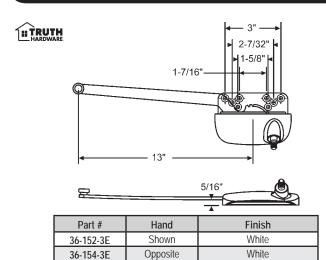


Part #	Hand	Finish	
36-395-3	Shown	White	
36-396-3	Opposite	White	

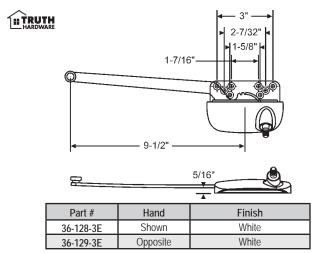
Split Arm Operator

## Sill Mounted Casement Operators

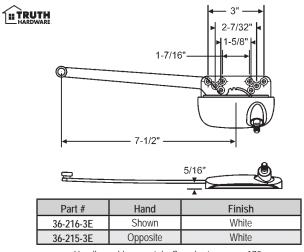
### TRUTH'S ELLIPSE STYLE SINGLE ARM OPERATORS



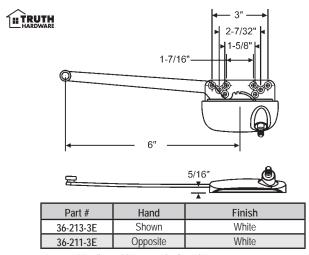
Handles sold separately. See chart on page 170.



Handles sold separately. See chart on page 170.

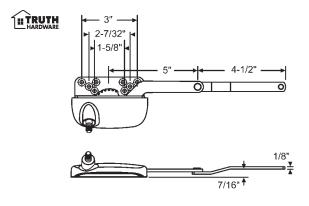


Handles sold separately. See chart on page 170.



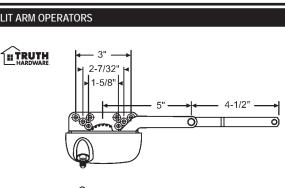
Handles sold separately. See chart on page 170

#### TRUTH'S ELLIPSE STYLE SPLIT ARM OPERATORS



Part #	Hand	Finish	
36-205-3E	Shown	White	
36-206-3E Opposite		White	

Handles sold separately. See chart on page 170.



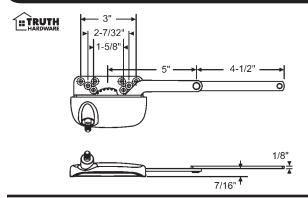


Part #	Hand	Finish	
36-410-3E	Shown	White	
36-411-3E	Opposite	White	

Handles sold separately. See chart on page 170.

## **Sill Mounted Casement Operators**

#### TRUTH'S ELLIPSE STYLE SPLIT ARM OPERATORS

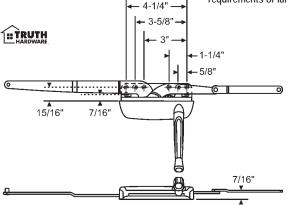


Part #	Hand	Finish	
36-391-3E	Shown	White	
36-390-3E	Opposite	White	

Handles sold separately. See chart on page 170.

#### TRUTH'S MAXIM® SERIES OPERATORS

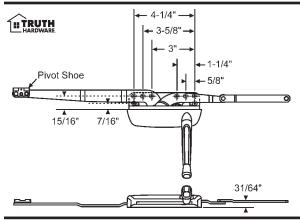
The Maxim® Series is a window operating "system" where the hinges and operators are developed to work together to meet or exceed the "maximum" performance requirements of larger, more versatile casement and awning windows.



The Maxim® Series Dual Arm Operator is designed to operate sash sizes from 24" to 40" wide, 84" high and weighing up to 108 lbs.

2. to 10 mao/ 0.1 mg. and morgg up to 100 mg.				
Part #	Hand	Finish	Handle Only	
36-368-1	Shown	Bronze	37-150-1	
36-369-1	Opposite	Bronze	37-150-1	
36-368-3	Shown	White	37-150-3	
36-369-3	Opposite	White	37-150-3	
36-368-9	Shown	Beige	37-105-9	
36-369-9	Opposite	Beige	37-105-9	
36-368-14	Shown	Cocoa Brown	37-150-14	
36-369-14	Opposite	Cocoa Brown	37-150-14	

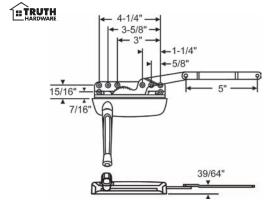
Handles sold separately. See chart on page 170.



The Maxim® Series Dual Arm Low Profile Operator is designed to operate sash sizes up to 24" to 40" wide, 84" high and weighing up to 108 lbs.

Part #	Hand	Finish	Handle Only
36-464-3	Shown	White	37-150-3
36-465-3	Opposite	White	37-150-3
36-464-14	Shown	Cocoa Brown	37-150-14
36-465-14	Opposite	Cocoa Brown	37-150-14

Handles sold separately. See chart on page 170.



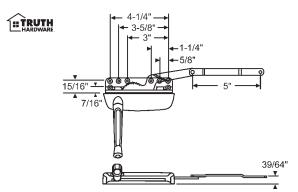
The Maxim® Series Dyad Operator is designed for narrow windows, but will operate a frame width from 16" to 32"; height up to 72" and a sash weight of up to 55 lbs.

Part #	Hand	Finish	Handle Only
36-371-1	Shown	Bronze	37-150-1
36-372-1	Opposite	Bronze	37-150-1
36-371-3	Shown	White	37-150-3
36-372-3	Opposite	White	37-150-3
36-371-9	Shown	Beige	37-150-9
36-372-9	Opposite	Beige	37-150-9
36-371-14	Shown	Cocoa Brown	37-150-14
36-372-14	Opposite	Cocoa Brown	37-150-14
36-371-29	Shown	Bright White	37-150-29
36-372-29	Opposite	Bright White	37-150-29

Handles sold separately. See chart on page 170.

## Sill Mounted Casement Operators

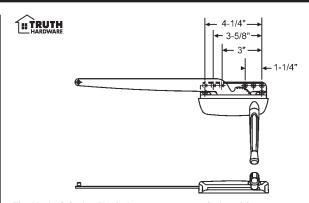
#### TRUTH'S MAXIM® SERIES OPERATORS



The Maxim® Series Reverse Dyad operators are designed for narrow windows, but will operate a frame width from 16" to 32"; height up to 72" and a sash weight up to 55 lbs.

Part #	Hand	Finish	Handle Only
36-373-1	Shown	Bronze	37-150-1
36-374-1	Opposite	Bronze	37-150-1
36-373-3	Shown	White	37-150-3
36-374-3	Opposite	White	37-150-3

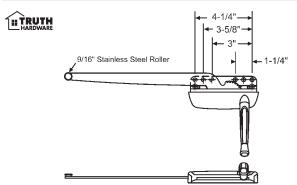
Handles sold separately. See chart on page 170.



The Maxim® Series Single Arm operators are designed for casement windows that operate sash sizes from 20" to 32" wide, up to 72" high and weighing up to 73 lbs.

Part #	Hand	Finish
36-402-3	Shown	White
36-403-3	Opposite	White

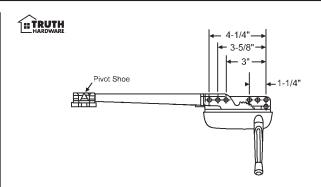
Handles sold separately. See chart on page 170.



The Maxim® Series Single Arm low profile operators are designed for casement windows that operate sash sizes from 20" to 32" wide, up to 72" high and weighing up to 73 lbs.

Part #	Hand	Finish
36-428-3	Shown	White
36-429-3	Opposite	White
36-428-29	Shown	Bright White
36-429-29	Opposite	Bright White

Handles sold separately. See chart on page 170.

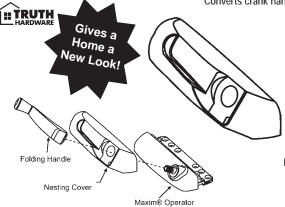


Part #	Hand	Finish
36-423-3	Shown	White
36-424-3	Opposite	White

Handles sold separately. See chart on page 170.

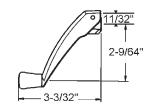
### MAXIM® FOLDING HANDLE & COVER

Converts crank handle to folding handle. Just snap onto top of operator.



Part #	Hand	Finish
36-368NCV-1	Shown	Bronze
36-369NCV-1	Opposite	Bronze
36-368NCV-3	Shown	White
36-369NCV-3	Opposite	White

Plastic Nesting Cover for Maxim® Operators Furnished with double sided tape pre-applied to cover for attaching cover to Maxim® Operator



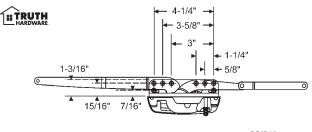
Part #	Finish
37-109FH-1	Bronze
37-109FH-3	White

Folding Handle (Must be ordered Separately)

### **Sill Mounted Casement Operators**

#### TRUTH'S ENCORE™ SYSTEM OPERATORS

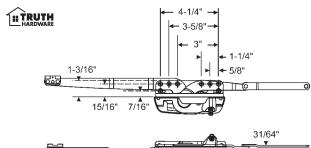
The Encore™ family of operators are engineered to incorporate all the strengths and performance characteristics as Truth's Maxim® Series





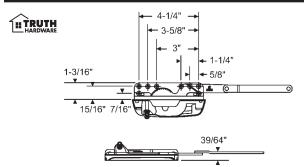
The Encore™ series dual arm operator is designed to operate sash sizes from 24" to 40" wide, up to 84" high and weighing up to 108 lbs.

Part #	Hand
36-368EN	Shown
36-369EN	Opposite



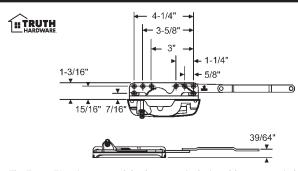
The Encore™ series dual arm low profile operator is designed to operate sash sizes from 24" to 40" wide, up to 84" high and weighing up to 108 lbs.

Part #	Hand
36-467EN	Shown
36-468EN	Opposite



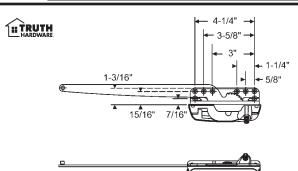
The Encore™ series dyad operator is designed for narrow windows and will operate sash sizes from 16" to 32" wide, up to 72" high and weighing up to 55 lbs.

Part #	Hand
36-371EN	Shown
36-372EN	Opposite



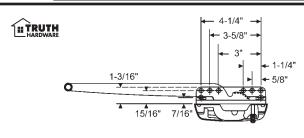
The Encore™ series reversed dyad operator is designed for narrow windows and will operate sash sizes from 16" to 32" wide, up to 72" high and weighing up to 55 lbs.

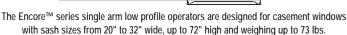
Part #	Hand
36-470EN	Shown
36-471EN	Opposite



The Encore™ series single arm operators are designed for casement windows with sash sizes from 20" to 32" wide, up to 72" high and weighing up to 73 lbs.

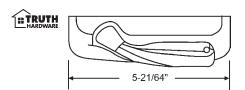
Part #	Hand
36-402EN	Shown
36-403EN	Opposite



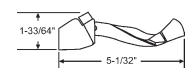


Part #	Hand
36-402ENLP	Shown
36-403ENLP	Opposite

#### TRUTH'S ENCORE™ TANGO FOLDING HANDLE & COVER

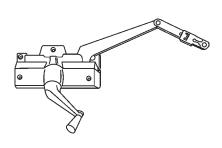


Part #	Hand	Finish
37-215-1	Shown	Bronze
37-216-1	Opposite	Bronze
37-215-3	Shown	White
37-216-3	Opposite	White
37-215-71	Shown	Oil Rubbed Bronze



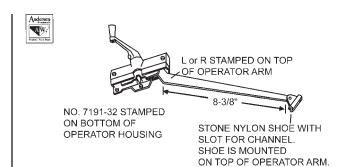
## **Sill Mounted Casement Operators**





Part #	Hand	Finish	Handle Only
750-1361316	Shown	Stone	750-0532408
750-1361318	Opposite	Stone	750-0532408

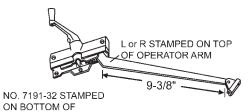
Split Arm Operator Must Order Handle Separately



Part #	Hand	Finish	Handle Only
750-1361312	Shown	Stone	750-0532408
750-1361314	Opposite	Stone	750-0532408

Must Order Handle Separately

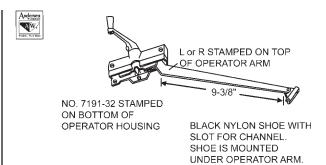




OPERATOR HOUSING STONE NYLON SHOE WITH SLOT FOR CHANNEL.
SHOE IS MOUNTED ON TOP OF OPERATOR ARM.

Part #	Hand	Finish	Handle Only
750-1361308	Shown	Stone	750-0532408
750-1361310	Opposite	Stone	750-0532408

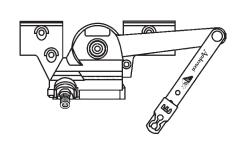
Must Order Handle Separately Operator assembly with cover, track and screws.



Part #	Hand	Finish	Handle Only
750-0565616	Shown	Stone	750-0532408
750-0565620	Opposite	Stone	750-0532408

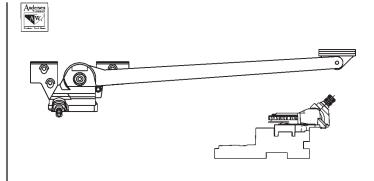
Must Order Handle Separately





Part #	Sash Bracket	Bracket Hand
750-1361484	750-1361409	LH
750-1361484	750-1361408	RH

Non-handed

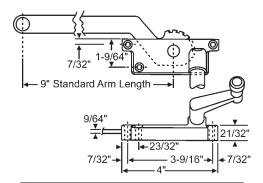


Part #	Hand	Track Only
750-1361498	Shown	750-1361414
750-1361499	Opposite	750-1361415

Handle and Cover Sold Separately. See Pages 168-171.

## **Sill Mounted Casement Operators**

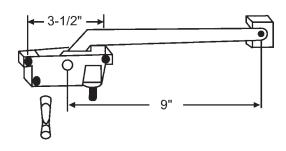
Roio



Part #	Hand	Finish
36-144	Shown	Bronze
36-145	Opposite	Bronze
36-144BG	Shown	Beige

Handle Included. Hand knobs use 5/16" size only. Additional handle only use 900-7821.

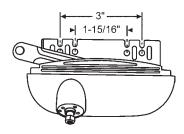
#### **Dorchester**



Part #	Hand	Finish
900-366RH	Shown	Bronze
900-366LH	Opposite	Bronze

Swing Lite Operator Handle Included. No Bar

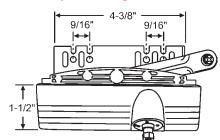
## Roio



Part #	Hand	Finish
36-392LHW	Shown	White
36-392RHW	Opposite	White
36-392LHBEW	Shown	Blue White
36-392RHBEW	Opposite	Blue White
36-392LHAD	Shown	Almond
36-392RHAD	Opposite	Almond

Casement Split Arm. Handle Sold Separately. See Pages 169-171.

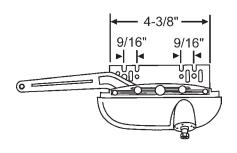
### Sorry, No Longer Available



Part #	Hand	Finish
36-383RH	Shown	White
36-383LH	Opposite	White
36-383RBG	Shown	Almond
36-383LBG	Opposite	Almond

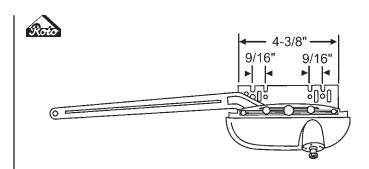
Handle Sold Separately. See Pages 169-171.





Part #	Hand	Finish
36-485RHW	Shown	White
36-485LHW	Opposite	White
36-485RHAD	Shown	Almond
36-485RHBEW	Shown	Blue White

Casement Operator with 6" Arm. Handle Sold Separately. See Pages 169-171.



Part #	Hand	Finish
36-486RHBEW	Shown	Blue White
36-486LHBEW	Opposite	Blue White
36-486RHAD	Shown	Almond

Casement Operator with 10" Arm Handle Sold Separately. See Pages 169-171.

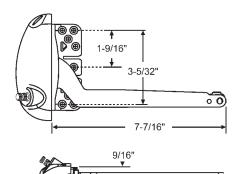
### **Sill Mounted Casement Operators**

#### ROTO X-DRIVE OPERATORS

Roto X-Drive operators are a direct replacement for Roto's Pro Drive operators.

The Pro Drive operators take crank handles with a 5/16" hex male broach that snaps into the operator. See 37-221 on page 169

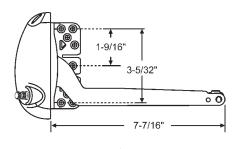


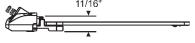


Part #	Hand	Finish
36-498W-XD	Shown	White
36-497W-XD	Opposite	White

7-1/2" Single Arm. For Vinyl Window Application. Handle Sold Separately. See Page 168.



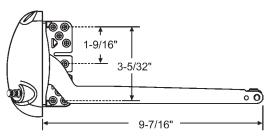


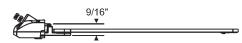


Part #	Hand	Finish
36-496W-XD	Shown	White
36-495W-XD	Opposite	White

7-1/2" Single Arm. Notched for Wood Application. Handle Sold Separately. See Page 168.

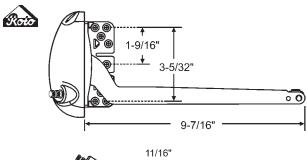






Part #	Hand	Finish
36-500-XD	Shown	White
36-501-XD	Opposite	White

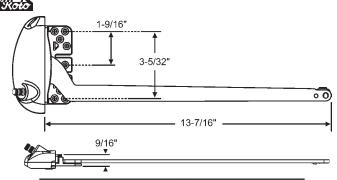
9-1/2" Single Arm. For Vinyl Window Application. Handle Sold Separately. See Page 168.





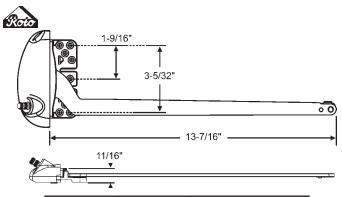
Part #	Hand	Finish
36-490EW-XD	Shown	Euro White
36-491EW-XD	Opposite	Euro White

9-1/2" Single Arm. Notched for Wood Application. Handle Sold Separately. See Page 168.



Part #	Hand	Finish
36-543LHW-XD	Shown	White
36-543RHW-XD	Opposite	White

13-1/2" Single Arm. For Vinyl Window Application. Handle Sold Separately. See Page 168.



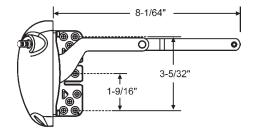
Part #	Hand	Finish
36-514W-XD	Shown	White
36-510W-XD	Opposite	White

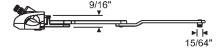
13-1/2" Single Arm. Notched for Wood Application. Handle Sold Separately. See Page 168.

## **Sill Mounted Casement Operators**

### **ROTO X-DRIVE OPERATORS**



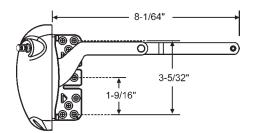


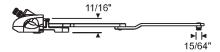


Part #	Hand	Finish
36-511W-XD	Shown	White
36-525W-XD	Opposite	White

Split Arm. For Vinyl Window Application. Handle Sold Separately. See Page 168.



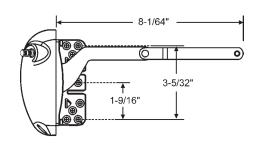


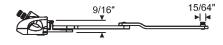


Part #	Hand	Finish
36-539LHW-XD	Shown	White
36-539RHW-XD	Opposite	White

Split Arm. Notched for Wood Application. Handle Sold Separately. See Page 168.



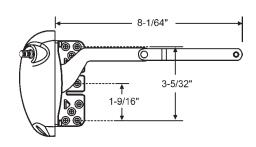


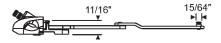


Part #	Hand	Finish
36-508W-XD	Shown	White
36-509W-XD	Opposite	White

Split Arm Inverted. For Vinyl Window Application. Handle Sold Separately. See Page 168.

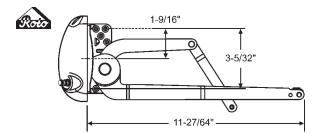






Part #	Hand	Finish
36-540LHW-XD	Shown	White
36-540RHW-XD	Opposite	White

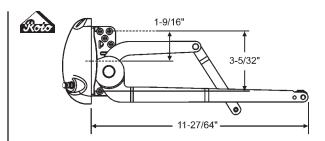
Split Arm Inverted. Notched for Wood Application. Handle Sold Separately. See Page 168.





Part #	Hand	Finish
36-517W-XD	Shown	White
36-518W-XD	Opposite	White

Dual Arm. For Vinyl Window Application. Handle Sold Separately. See Page 168.





Part	:#	Hand	Finish
36-528LI	HW-XD	Shown	White
36-528RI	HW-XD	Opposite	White

Dual Arm. Notched for Wood Application. Handle Sold Separately. See Page 168.

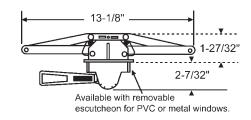
2-7/32"

### **Lever Operators**

Note: See lever operator brackets on page 166.

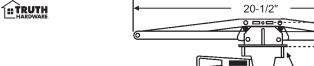
Part #	Hand	Finish
36-168-1	Shown	Bronze
36-168-2	Shown	Gold
36-168-3	Shown	White
36-169-3	Opposite	White
36-168-5	Shown	Bright Brass





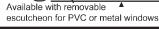
Other finishes available. Handle shown in locked position.

Part #	Hand	Finish
36-158-1	Shown	Bronze
36-158-2	Shown	Gold
36-159-2	Opposite	Gold



Other finishes available.

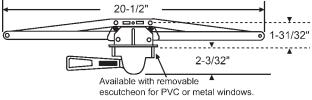
andle	shown	in	locked position.	



1-27/32"

Part #	Hand	Finish
36-160-1	Shown	Bronze
36-161-1	Opposite	Bronze
36-161-2	Opposite	Gold



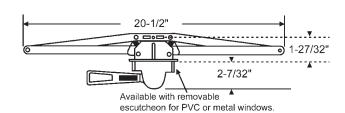


Other finishes available. Handle shown in locked position.

Part #	Hand	Finish
36-153-1	Shown	Bronze
36-157-1	Opposite	Bronze
36-153-2	Shown	Gold
36-157-2	Opposite	Gold
36-153-3	Shown	White
36-153-5	Shown	Bright Brass



# TRUTH



Other finishes available. Handle shown in locked position.

Part #	Hand	Finish
36-164-1	Shown	Bronze
24 144 2	Shown	Gold

# TRUTH

23-1/4"
<b>←</b> 7-5/8" <b>←</b>
(O = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 =
2-7/32"
<u> </u>
4.27/20"
1-27/32"
Available with removable

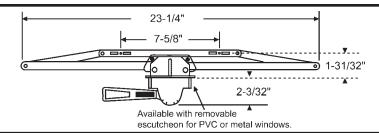
escutcheon for PVC or metal windows.

Other finishes available. Handle shown in locked position.

# TRUTH

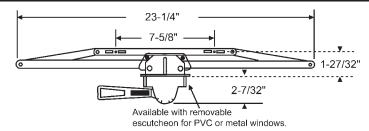
Part #	Hand	Finish
36-166-1	Shown	Bronze

Other finishes available. Handle shown in locked position.



Part #	Hand	Finish
36-162-1	Shown	Bronze
36-163-1	Opposite	Bronze
36-162-2	Shown	Gold
36-163-2	Opposite	Gold
36-162-3	Shown	White
36-163-75	Opposite	Copper

TRUTH



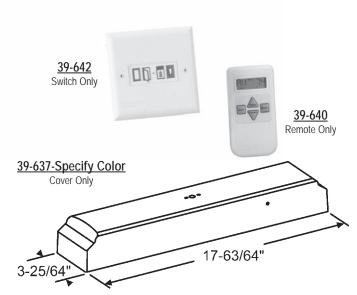
Other finishes available. Handle shown in locked position.

### **Motorized Operators for Casement & Awning Windows**



Introducing Truth's next generation of power window system...Sentry II HS® for heavy skylights. Based on the powerful and reliable mechanics from our previous SkySentry® Motorization Systems, they've added a new digital electronics package with built in power conversion to take this system to a whole new level of service and reliability.

Sentry II HS Motorized Skylight System & Synchronous Skylight Motor Kits 39-634





The New Electronics Package provides many new features to enhance a home's comfort and its owner's peace of mind.

- Quick and Easy Installation of the skylight is possible when motor system is pre-installed and programmed by skylight manufacturer at their facility. The electrician needs only to connect line voltage power and the skylight is completely ready for operation - no further set up would be required by the installer or homeowner!
- Power Conversion built right into the skylight mounted control package which accepts direct connection of line voltages from 100 to 240 VAC at 47 to 440 Hz. No more transformers to complicate and add expense to the installation.
- Power Blind System Compatible. Centralized window control is now possible with Sentry II's ability to accept and control most 24 VDC power blind systems. The Sentry II RF remote or wall switch controls both skylight and blind motors for convenient, centralized control.
- Power Protected Memory eliminates the need to "reset" or retrain the control system after a power outage. Once the installation is complete, the motor never needs further service or adjustments even after prolonged power outages!
- RF Remote Compatibility built into all motor control packages as a standard feature. Simply order the optional remote to add new and exciting control capability for the homeowner.

- Rain Sensor, standard on all kits, automatically closes the skylight at the first sign of moisture. Corrosion resistant sensor decreases mechanisms cleaning requirements and extends service life.
- Easily Adapts for new construction or retrofit applications. Please consult with your electrical contractor for a retrofit evaluation.
- ETL Listed and CE Approved. Meets all requirements for Class II installations.
- Safety Automatic Motor Reversal has been engineered into the system which is intended to reverse the motor should an obstruction stop the skylight while closing. In addition, a screen interlock is provided which, when properly installed, electrically disconnects the motor when the screen is removed. These features are intended to help prevent personal injury which could result from reaching into the skylight area during its operation.
- Synchronized Operation of multiple motors is now standard on the HS motor system. The same Sentry II HS motor system can now be used on single motor applications or it can be ganged with up to four motor units on a large single skylight. Multiple motors on a single skylight add stability and capacity.
- Awning Windows Can also be fitted with the Sentry II HS Motor System. Skylight hardware systems work great on awning windows with butt hinges.
- Building Automation Systems can easily be tied into the control electronics for virtually limitless ventilation possibilities.

#### SENTRY II HS CAPACITY

Truth's Sentry II HS for heavy skylights is load rated at 80 lbs. at the chain. This equates to a total skylight hatch weight of 160 lbs. Sentry II HS power skylight system is rated at 50 watts.

Sentry II HS for heavy skylights Order 1 per skylight

- 39-634 Sentry II HS System
- 39-637-X Cover (X denotes finish code)

### Order 1 Hand Held Remote and/or Wall Switch

- 39-640 Hand Held RF Remote
- 39-642 Wall Switch

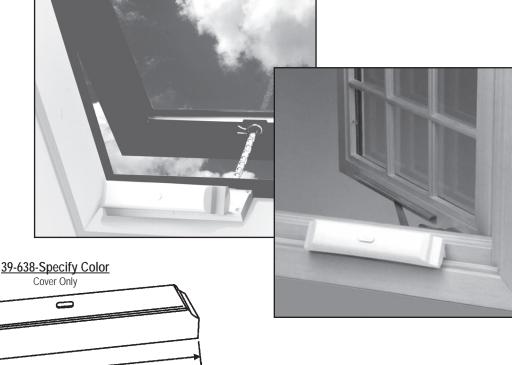
### **Motorized Operators for Casement & Awning Windows**



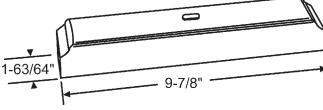
Introducing Truth's Next Generation of Power Window Systems... Sentry II WLS® for Windows and Light Skylights. Based on the powerful and reliable mechanics from their previous motorization system, they've added a new digital electronics package with built in power conversion. This New Sentry II WLS System truly takes over where Truth's Sentry 2000® left off.

Sentry II WLS Motorized Power Window & Skylight System 39-635

Sentry II WLS Motorized Power Window & Skylight System for **Pella** Windows 39-636



39-640 Remote Only



The New Electronics Package provides many new features to enhance a home's comfort and its owner's peace of mind.

- · Retrofits onto casement and awning windows and light skylights operated with a hand crank manufactured by Truth Hardware. The motor system drives the same input the handle is attached to.
- Power Conversion built right into the wall mounted control package which accepts direct connection of line voltages from 100 to 240 VAC at 47 to 440 Hz. No more transformers to complicate and add expense to the installation.
- · Power Blind System Compatible. Centralized power window system control is now possible with Sentry II's ability to accept and control most 24 VDC power blind systems. The Sentry II's remote and wall switch can be used to control both window and blind motors for convenient, centralized control.
- · Power Protected Memory eliminates the need to "reset" or retrain the motor after a power outage. Once the installation is complete the motor never needs further service or adjustments - even after prolonged power outages!
- · RF remote compatibility built into all motor control packages as a standard feature. Simply order the optional remote to add new and exciting control capability for the homeowner.

- Rain Sensor standard with all kits, automatically closes the window or skylight at the first sign of moisture. Corrosion resistant sensor decreases maintenance cleaning requirements and extends service life.
- · No Special Preparation is required by the window or skylight manufacturer. The kits are suitable for new construction or retrofit applications. Please consult with your electrical contractor for a retrofit evaluation.
- ETL Listed and CE Approved. Meets all requirements for Class II installations.
- · Safety Automatic motor reversal has been engineered into the system which is intended to reverse the motor should an obstruction stop the window while closing. In addition, a screen interlock is provided which, when properly installed, electrically disconnects the motor when the screen is removed. These features are intended to help prevent personal injury which could result from reaching into the window area during its operation.
- · Motorized Sash Locks are available for use with the WLS system for casement and awning windows.
- Building Automation Systems can easily be tied into the control electronics for virtually limitless ventilation possibilities.

#### SENTRY II WLS CAPACITY

- · When used on light skylights, Truth's Sentry II WLS is load rated at 40 lbs at the chain. This equates to a total skylight hatch weight of 80 lbs.
- · When used on casement windows, the Sentry II WLS is designed to work on all window systems meeting the AAMA-101 hardware load requirements.
- · When used on awning windows, the Sentry II WLS is designed to work on awning windows with a properly sized counter-balance hinge and operator. (Consult awning operator specifications).

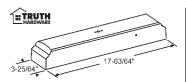
Sentry II WLS for windows and light skylights Order 1 each per window:

- 39-635 Sentry II WLS System
- 39-638-X Cover (X denotes finish code)

#### Order 1 Hand Held Remote (optional):

- 39-640 - Hand Held RF Remote

## **Motorized Skylight Accessories**



Part #	Color
39-637-3	White
39-637-7	Aluminum
39-637-8	Chestnut Bronze
39-637-9	Beige
39-637-15	Off White

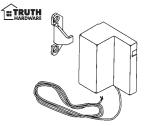
Cover for Sentry II HS Many Finishes Available

TRUTH

## TRUTH 1-63/64

Part #	Color	
39-638-1	Bronze	
39-638-3	White	
39-638-35	Champagne	
30_638_7	Aluminum	

Cover for Sentry II WLS Many Finishes Available



39-747 50VA Transformer Pack with Plate & Long Screws. For Window Kit Only.

### TRUTH



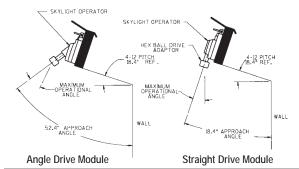
Part #	Length
39-388	12"
39-416	9"

Chain Assembly for Skylight Operator with Bracket & Pin

### Manual Skylight Operators

#### Add Value to Your Operable Skylight

The Truth Skylight Operator System offers you the flexibility the marketplace demands, the quality your windows deserve, easy factory or field installation and a means to keep your skylight hardware inventories both cost effective and efficient. The Truth Skylight Operator system is easy to install and compatible with wood, metal or vinyl framed skylights. Upgrading is easier and faster. Truth's special high gear reduction provides the low torque needed to lift a maximum sash weight of 160 pounds. Choose from two Manual Drive modules for the application that best meets your needs. Each easily mounts to the base module.

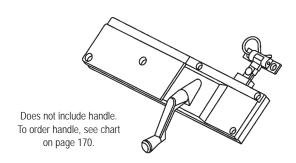


#### Angle Drive

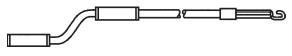
Part #	Color	
36-342-1	Bronze	
36-342-3	White	

#### Straight Drive

<u> </u>		
Part #	Color	
36-345-1	Bronze	
36-345-3	White	

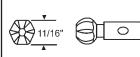


## **Skylight Accessories**

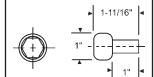


Description	Part #	Collapsed	Extended
Pole with Hook	39-198	48"	73"
Pole with Hook	39-102	74-1/8"	122-3/4"

Description	Part #	Collapsed	Extended
Pole with Hex Ball	39-199	48"	73"
Pole with Hex Ball	39-101	73-3/8"	122"



39-94 Hex Ball Drive

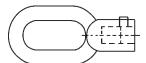


Part # Color			
39-100-1	Bronze		
<b>39-100-3</b> White			

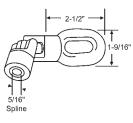
Hex Ball Adapter



39-95 Hook Drive



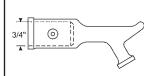
_		
Part #	Color	
39-97	Unpainted	
<b>39-97-1</b> Bronze		
39-97-3 White		
Eyelet Adapter		



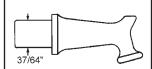
Hook Drive

Hex Ball Drive

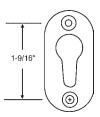
900-15576 5/16" Universal Joint Aluminum Finish



900-16815 White Bronze Pole Hook

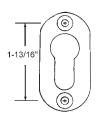


900-16843 Pole Hook

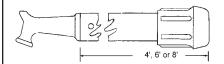


900-16844 Pole Hook Hanger White Bronze

## **Skylight Accessories**



900-16845A
Pole Hook Hanger
White Bronze

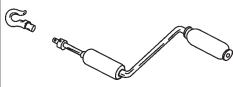


Part #	Length	
900-16842-4	4'	
900-16842-6	6'	
900-16842-8	8'	

Pole Hook Assembly
Aluminum Tube with Rubber End



900-18245 Rubber Tip Only



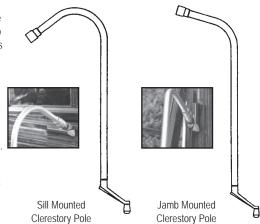
Part #	Description	
39-672	CL Pole with AGR & HK - 5'	
39-673	CL Pole 5' Extension	

### **Clerestory Window Wands**

Put those operable clerestory windows to energy-saving use with our 39-series clerestory extension crank. High mounted windows are excellent for capturing light while providing privacy, but they can also be "excellent" heat traps. It is now possible to vent the heat that rises to these areas as easily as opening any other window in the home.

It's inexpensive and can easily retrofit to existing or new window installations. By simple removal of the existing crank handle and replacement with an adapter (see adapter selection chart), the crank will open and close any operable clerestory window. It is not necessary to replace the current operator. Remember that you will only need one clerestory crank to operate all windows at the same height.

The removable extension crank is available in many standard sizes for either sill or jamb mounted operators. Refer to the selection chart to the right. The standard finish for the crank is natural anodized aluminum.





Crank Handle Adapter

Part #	Fits
39-105PELLA	Pella
39-105AB	Andersen
39-105	Truth

Crank Handle Adapter used with Clerestory Window Wands. One Crank Handle Adapter is need for each operable window.

### Manual Window Wand Selection Chart



Part #	Location of Operator	Crank Length	Distance from Floor
39-104-3	Sill	3'	7'
39-527-3	Jamb	3'	7'
39-104-4	Sill	4'	8'
39-527-4	Jamb	4'	8'
39-104-5	Sill	5'	9'
39-527-5	Jamb	5'	9'
39-104-6	Sill	6'	10'
39-527-6	Jamb	6'	10'
39-104-7	Sill	7'	11'
39-527-7	Jamb	7'	11'
39-104-8	Sill	8'	12'
39-527-8	Jamb	8'	12'
39-104-9	Sill	9'	13'
39-527-9	Jamb	9'	13'
39-104-10KD	Sill	10'	14'
39-527-10KD	Jamb	10'	14'
39-104-12	Sill	12'	16'
39-527-12	Jamb	12'	16'

### Motorized Window Wand Selection Chart

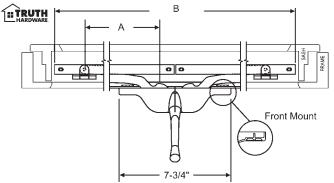




Part #	Location of Operator	Crank Length	Distance from Floor
39-104M-4	Sill	4'	7'
39-527M-4	Jamb	4'	7'
39-104M-5	Sill	5'	8'
39-527M-5	Jamb	5'	8'
39-104M-6	Sill	6'	9'
39-527M-6	Jamb	6'	9'
39-104M-7	Sill	7'	10'
39-527M-7	Jamb	7'	10'
39-104M-8	Sill	8'	11'
39-527M-8	Jamb	8'	11'
39-104M-9	Sill	9'	12'
39-527M-9	Jamb	9'	12'
39-104M-10KD	Sill	10'	13'
39-527M-10KD	Jamb	10'	13'

2008 PGI® 15

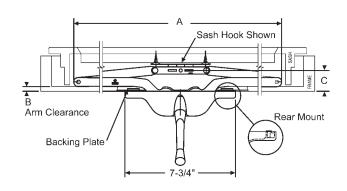
## **Face Mounted Awning Operators**



Part #	Α	В	Finish
29-129-7	5-1/2"	16-3/4"	Aluminum
29-129-8	5-1/2"	16-3/4"	Chestnut Bronze
29-129-13	5-1/2"	16-3/4"	Brushed Copper Nickel
29-130-3	9"	25-3/4"	White
29-130-7	9"	25-3/4"	Aluminum
29-130-8	9"	25-3/4"	Chestnut Bronze
29-130-13	9"	25-3/4"	Brushed Copper Nickel
29-128-1	11"	27-3/4"	Bronze
29-128-3	11"	27-3/4"	White
29-128-7	11"	27-3/4"	Aluminum
29-128-8	11"	27-3/4"	Chestnut Bronze
29-128-13	11"	27-3/4"	Brushed Copper Nickel

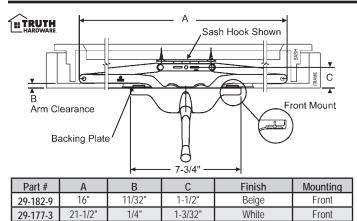
Available in Both Front Mount (shown) & Rear Mount Styles
Designed for Single Vent Awning Windows. Handle Sold Separately. See Page 170

### TRUTH

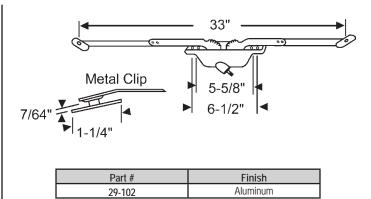


Part #	А	В	С	Finish	Mounting
29-181-3	16"	11/32"	1-1/2"	White	Rear
29-199-3	21-1/2"	1/4"	1-13/32"	White	Rear
29-159-3	21-1/2"	11/32"	1-1/2"	White	Rear
29-159-9	21-1/2"	11/32"	1-1/2"	Beige	Rear

Scissors Arm Operator Handle Sold Separately. See Page 170



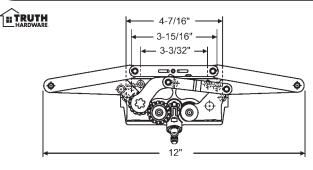




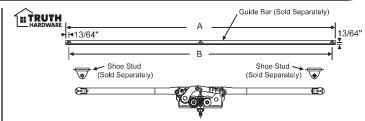
Dual Arm Operator for Metal Windows. Handle Included.

### Sill Mounted Awning Operators

### TRUTH'S ENTRYGARD SERIES AWNING OPERATORS



**29-167** Single Pull



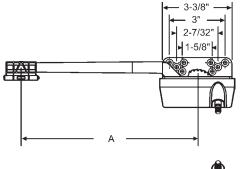
Part #	Α	В	Shoe Stud	Guide Bar
29-166	22-3/4"	22-1/8"	39-42	39-320
29-168	30-3/4"	30-1/8"	39-42	39-354

**Note:** Order Shoe Studs and Guide Bar Separately. Handle & Cover Sold Separately, See pages 168 and 170.

## Sill Mounted Awning Operators

#### TRUTH'S TRADITIONAL SERIES AWNING OPERATORS

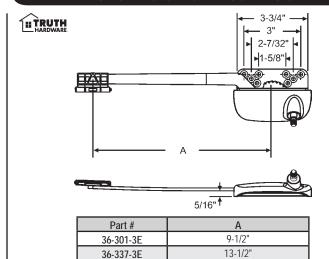




Part #	А
36-301-3	9-1/2"
36-337-3	13-1/2"

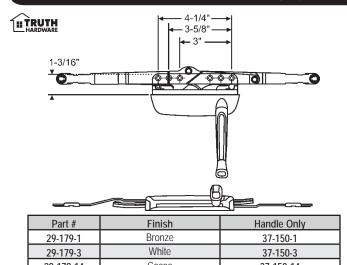
Single Arm

### TRUTH'S ELLIPSE SERIES AWNING OPERATORS

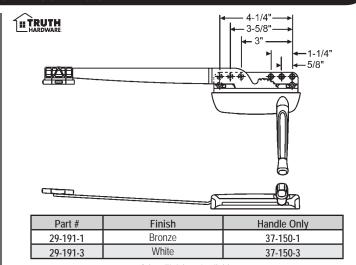


Single Arm

### TRUTH'S MAXIM® SERIES AWNING OPERATORS



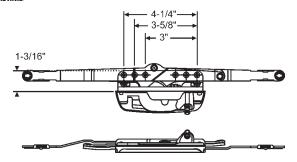
9-1/9-14	Cucua	37-100-14
Other Finis	hes Available, Handle Sold Se	eparately, See Page 170.



Other Finishes Available Handle Sold Separately, See Page 170

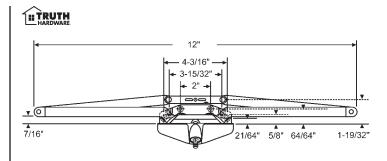
#### TRUTH'S ENCORE SERIES AWNING OPERATORS





29-179EN Cover and Handle Sold Separately, See Page 170.

#### TRUTH'S AWNING OPERATORS

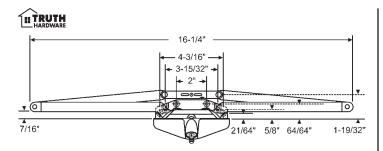


Part #	Finish
29-156-1	Bronze
29-156-3	White

Single Pull. Handle Sold Separately, See Page 170.

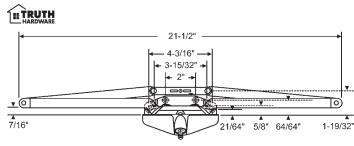
## Sill Mounted Awning Operators

#### TRUTH'S AWNING OPERATORS



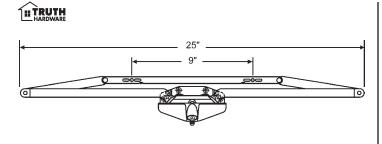
Part #	Finish
29-119-1	Bronze
29-119-3	White
29-119-6	Clay
29-119-9	Beige

Single Pull. Handle Sold Separately, See Page 170.



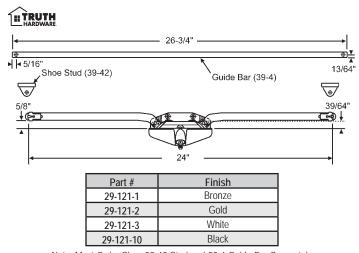
Part #	Finish
29-118-1	Bronze
29-118-3	White
29-118-6	Clay
29-118-8	Chestnut Bronze
29-118-87	Gold
29-118-9	Beige

Single Pull. Handle Sold Separately, See Page 170.



Part #	Finish
29-120-1	Bronze
29-120-2	Gold
29-120-3	White

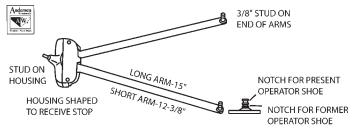
Dual Pull Handle Sold Separately. Other Finishes Available



Note: Must Order Shoe 39-42 Stud and 39-4 Guide Bar Separately Handle Sold Separately, See Page 170.

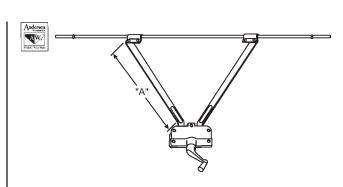
#### ANDERSEN AWNING OPERATORS

#### Sorry, No Longer Available from AMSCO



Part #	Finish	Arm Length	Handle Only
750-0333808	Bronze	12-3/8"	750-0339008
750-0333908	Bronze	15"	750-0339008

Comes Complete with Handle and Rods



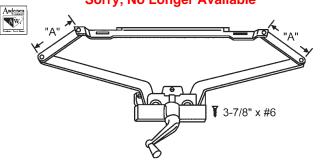
Part #	А	Handle Only
750-1521604	11"	750-0532408
750-1521606	15"	750-0532408

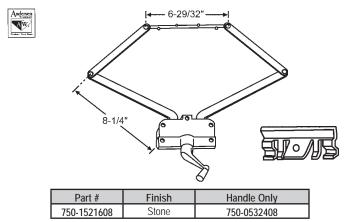
Includes Rods, Brackets and Screws

## **Sill Mounted Awning Operators**

### ANDERSEN AWNING OPERATORS

### Sorry, No Longer Available

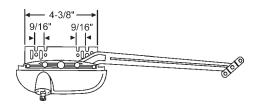




Includes Bracket and Screws. Must Order Handle Separately. See Pages 169-171.

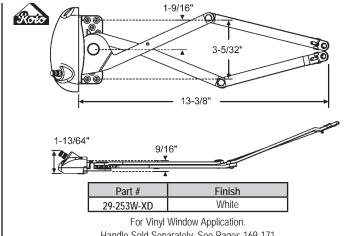
#### ROTO AWNING OPERATORS





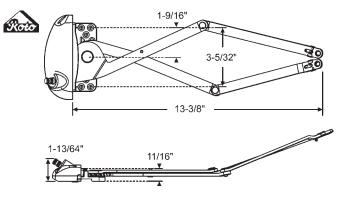
Part #	Finish		
36-484AD	Almond		
36-484BEW	Blue White		
36-484EW	Euro White		
36-484W	White		

Awning Operator with 10" Arm



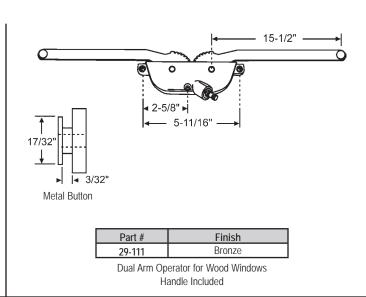
Handle Sold Separately. See Pages 169-171

### MISCELLANEOUS AWNING OPERATOR

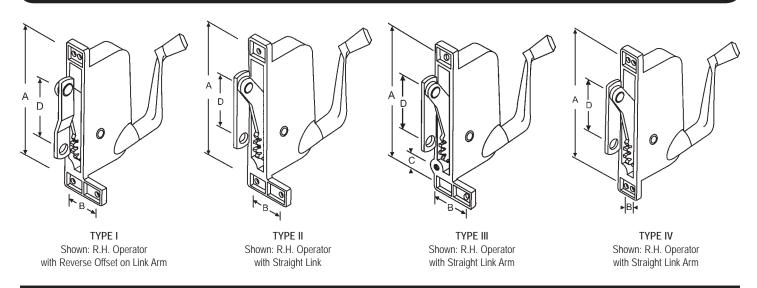


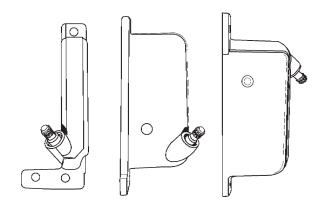
Part #	Finish
29-254W-XD	White

Notched for Wood Window Application. Handle Sold Separately. See Pages 169-171.

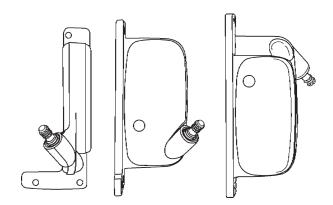


## Mill Finish Awning Operators - Miami Type





Classic Style Awning Operator - Part Numbers Ending in P or HD

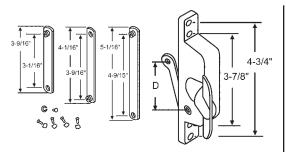


Contemporary Style Awning Operator - Part Numbers Ending in D

RH Part #	LH Part #	Window Name	Housing Type	Dim "A"	Dim "B"	Dim "C"	Dim "D"	Straight/Offset	Link End
41-200P D	41-201P D	Pan American	I	5-1/4"	1-5/16"	N/A	2-5/8"	S	5/16-18 Thread
41-207P	41-206P	Stanley	I	5-1/4"	1-3/8"	N/A	2-3/16"	OS	3/8 Hole
41-259P D	41-260P D	Lenahan	I	5-1/4"	13/16"	N/A	2-9/16"	S	3/8 Hole
41-271P HD	41-270P HD	Yale - Ogron	I	5-1/4"	7/8"	N/A	2-3/16"	S	3/8 Hole
41-296P	41-295P	Ware	I	5-1/4"	7/8"	N/A	2-3/16"	OS	3/8 Hole
41-205P D	41-204P D	Keller - Air Control	II	5-1/4"	1-1/8"	N/A	2-5/16"	S	1/4-20 Thread
41-214P D	41-215P D	ABC	II	5-1/4"	1-1/4"	N/A	2-7/16"	S	3/8 Hole
41-230P D	41-231P D	Look - Rusco	II	5-1/4"	1-3/8"	N/A	2-7/16"	S	1/4-20 Thread
41-257P D	41-258P D	Tucker	II	5-1/4"	1-1/4"	N/A	3-3/8"	S	10-24 Thread Bushing
41-263P D	41-264P D	Nu-Aire	II	5-1/8"	15/16"	N/A	2-5/8"	S	3/8 Hole
41-395P D	41-396P D	Stanley - C&E	II	5-1/4"	1-3/8"	N/A	2-3/16"	OS	3/8 Hole
41-636P D	41-637P D	Remington - Silverline		5-1/4"	1-1/8"	N/A	2-7/16"	S	10-24 Thread Bushing
41-211P D	41-210P D	Miami	III	5-1/8"	1-1/2"	1/2"	2"	OS	5/16-18 Thread
41-212P	41-213P	ABC	III	5-1/16"	1-7/16"	1/2"	2-3/16"	S	1/4 E-Ring Stud
41-232P HD	41-233P HD	Superior	III	5-1/16"	1-7/16"	1/2"	2-1/8"	S	5/16-18 Thread
41-234P D	41-235P D	Crown	III	5-1/6"	1-7/16"	1/2"	2-1/4"	S	3/8 Hole
41-236P D	41-237P D	Tucker	III	5-1/16"	1-7/16"	1/2"	2-1/2"	S	10-24 Thread Bushing
41-388P D	41-387P D	Harcar	III	5-1/16"	1-7/16"	1/2"	2-7/16"	OS	5/16-18 Thread
41-457P D	41-455P D	VE Andersen	III	5-1/16"	1-7/16"	1/2"	2-1/2"	OS	3/8 Hole
41-223P*	41-224P	Look - Rucso	IV	5-1/4"	7/16"	N/A	2-1/8"	S	5/16-18 Thread

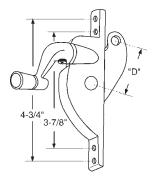
For Additional Sizes and Colors Contact Your Account Manager. Items Above also Available Carded

## **Jalousie Operators**



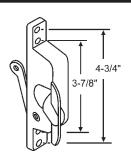
Part #	Finish
41J-4000PK	Aluminum
41J-4000PKW	White

Universal Jalousie Operator Kit



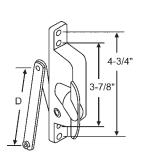
Part #	Packaging	Finish	Hand	Link	"D"
41J-208P	Bagged	Aluminum	Shown		1-1/2"
41J-209P	Bagged	Aluminum	Opposite		1-1/2"
41J-242P	Bagged	Aluminum	Opposite		2"
41J-243P	Bagged	Aluminum	Shown		2"
41J-809P	Bagged	Aluminum	Opposite		1-1/4"
41J-810P	Bagged	Aluminum	Shown		1-1/4"
41J-882P	Bagged	Aluminum	Shown	3" Link	1-1/2"
41J-883P	Bagged	Aluminum	Opposite	3" Link	1-1/2"





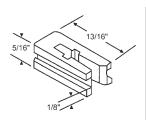
Part #	Finish
29-160	Aluminum
29-161	Bronze

Break-Away Operator Kit, Includes Screws

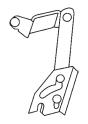


Part #	Packaging	Finish	Description	"D"
41J-300P	Bagged	Aluminum	Air Control	3-1/32"
41J-300PB	Bagged	Bronze	Air Control	3-1/32"
41J-300PW	Bagged	White	Air Control	3-1/32"
41J-301P	Bagged	Aluminum	Stanley	3-11/32"
41J-302P	Bagged	Aluminum	ABC	1-23/32"
41J-303P	Bagged	Aluminum	Pan Am	3-5/8"
41J-303PB	Bagged	Bronze	Pan Am	3-5/8"
41J-303PW	Bagged	White	Pan Am	3-5/8"
41J-441P	Bagged	Aluminum	Look	3-5/8"
41J-464P	Bagged	Aluminum	Superior	4"
41J-464PB	Bagged	Bronze	Superior	4"
41J-464PW	Bagged	White	Superior	4"
41J-1421P	Bagged	Aluminum	Crown	4-1/2"
41J-3338P	Bagged	Aluminum	Nu Air	4-1/4"

## **Awning and Jalousie Accessories**

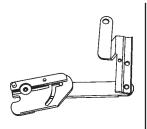


33-138 Awning Window Guide Nylon

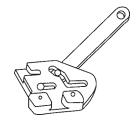


28-91
Awning Vent Hinge
Assemblies (Pair)

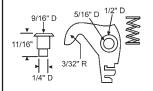
Binnings Pan Am



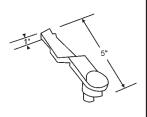
900-9732 Vent Hinge (Pair) Anderson



 $\frac{900\text{-}236}{\text{Harcar Lock Assembly (Pair)}}$ 



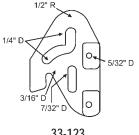
900-7949 Bottom Nylon Vent Hook Set (2 Guides, 2 Rivets, 2 Springs)



900-22269 Torque Bar Arm

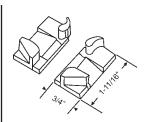
2-3/4"
1-1/2"
2-7/8"

33-142 Vent Lock - Pair **Anderson** 



33-123 Nylon Cam Lock

Harcar

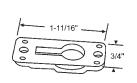


900-299 Black Plastic Awning Window Vent Lock Set (RH/LH)

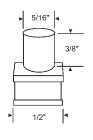


 $\underline{900\text{-}300}$  Stanley Top Vent Lock (Pair)

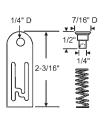
## **Awning and Jalousie Accessories**



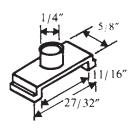
900-301 Control Bracket Use with 900-301C Cam



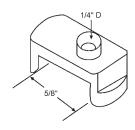
900-304 Locking Pin



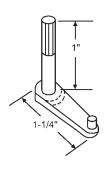
900-9874 Locking Spring/Guide Set Crossly



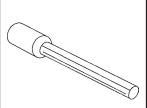
33-104 Harness Guide



33-124 Draw Bar Bearing

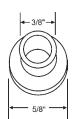


33-134 Cline Link



Part #	Color
33-122AL	Aluminum
33-122BZ	Bronze
33-122W	White

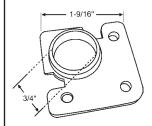
6" Standard Length Cut to Size in Field. Male 5/16" Hex to 3/8" Female Spline.



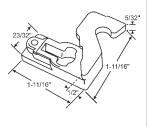
900-20934 Nylon Bushing



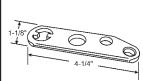
900-10447 Sliding Window Pivot Bracket Acorn



900-11387 Torque Bar Bearing

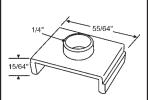


33-126 Vent Lock



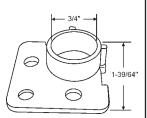
<u>33-133</u> Torque Bar Arm Die Cast

Pan Am/Daryl

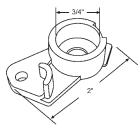


<u>33-129</u> Slide Bar Guide Plastic

**Air Control** 

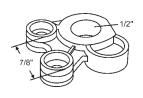


900-259 Miami Torque Bar Bearing Plastic



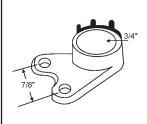
900-279 Torque Bar Bearings (Pair) Plastic

**Stanley** 

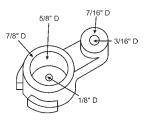


900-275 Torque Shaft Bearing

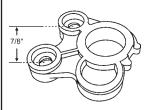
Crossly



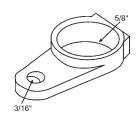
900-282 RH/LH Torque Bar Bearings (Set)



33-125 Torque Bar Bearing

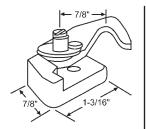


900-274 Torque Shaft Bearing



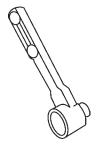
900-6903 Torque Bar Bearing

## **Awning and Jalousie Accessories**



33-107
Block Hook Assembly
Nylon Base with Aluminum Hook
Sold in Sets Only

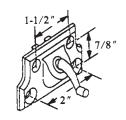
Keller



900-8284 Air Control Torque Bar Arm

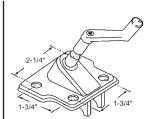


900-9997 Torque Bar Arm. 300 Series **Ualco** 



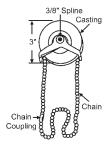
900-7349 Center Operator with Handle 100 Series

Ualco



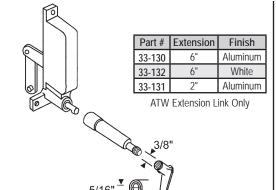
900-7967 Center Operator with Handle 200 Series

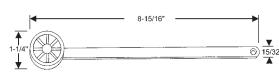
Ualco



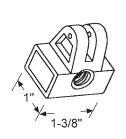
Part #	Description		
33-146	Casting Only		
33-135	#13 Large Chain		
33-136	Chain Coupling		

#13 chain sold by the foot. All items need to be ordered separately





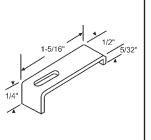
900-20144 Basement Hopper Roller Guide



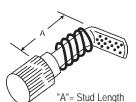
900-19755 Nylon Guide for Garden Window Black



Elevating Screw Worm - Garden Window Hardware

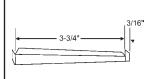


33-100W White Panel Clip



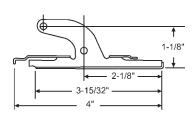
Part #	"A"
33-105	7/8"
900-12157	1"
900-12158	3/4"

Panel Screw. Aluminum



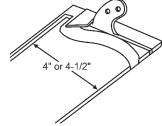
900-15108 Jalousie Wedge. Sold in Pairs Only (RH& LH)

**Arnold Altex** 



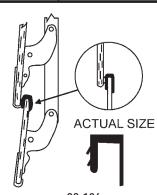
Part #	Finish
900-7713	Aluminum

Sold in Sets Only (1 Right & 1 Left Clip)



Part #	Glass Size	Length
33-111-4	4"	3-1/16"
33-111-4 1/2	4-1/2"	3-3/8"

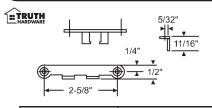
Security Clips. Stainless Steel Clips Apply Pressure and Prevent Glass Removal from Outside. One Clip Under Each End Bracket Affords Extra Security.

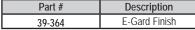


33-106

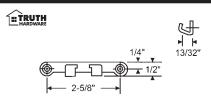
Jalousie Seal. 36' per Bag.
Seals Out The Drafts

## **Casement and Awning Operator Brackets**



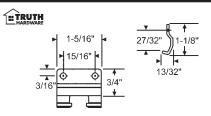


Sash Hook



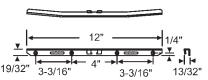
Part #	Description
39-1	E-Gard Finish
39-1CG	Coast Gard Finish

Sash Hook for Lever Operator

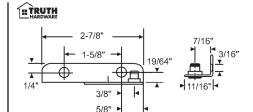


39-241 Center Hook for Lever Operator





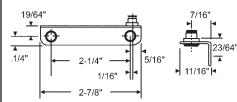
 $\frac{39-2}{\text{Torsion Bar for Lever Operator}}$ 



Part #	Hand
39-409	Shown
39-410	Opposite

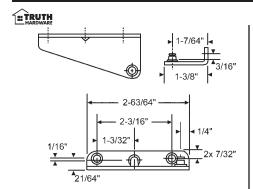
Dual Arm Operator Bracket. E-Gard



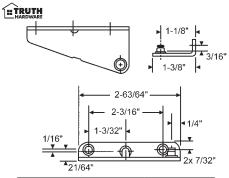


Part #	Hand
39-411	Shown
39-412	Opposite

Dual Arm Operator Bracket. E-Gard

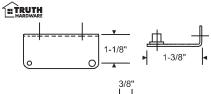


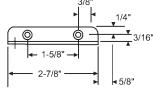
Part #	Hand
39-299	Shown
39-298	Opposite
39-299CG	Shown (CoastGuard)
39-298CG	Opposite (CoastGuard)



Part #	Hand
39-21	Shown
39-21SS (Stainless Steel)	Shown
39-22	Opposite
39-22SS (Stainless Steel)	Opposite

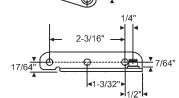
Stud Brackets





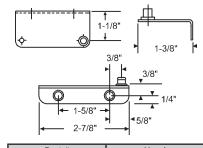
Part #	Hand
39-9	Shown
39-10	Opposite
39-10CG	Opposite (CoastGuard)





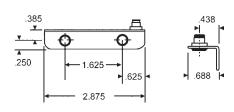
Part #	Hand	Clip Type
39-534	Shown	Snap Stud
39-535	Opposite	Snap Stud
Stud Bracket		

### TRUTH



Part #	Hand
39-65	Shown
39-66	Opposite

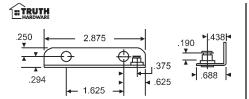
### TRUTH



Part #	Hand
39-5	Shown
39-6	Opposite
39-5SS (Stainless Steel)	Shown
39-6SS (Stainless Steel)	Opposite

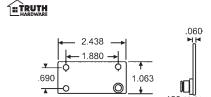
Stud Bracket

## **Casement and Awning Operator Brackets**



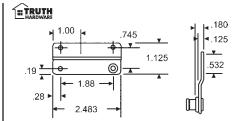
Part #	Hand
39-7	Shown
39-8	Opposite

Stud Bracket



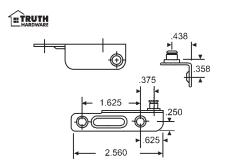
Part #	Hand
39-50	Shown
39-51	Opposite

Stud Bracket



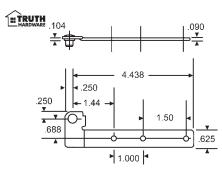
Part #	Hand
39-52	Shown
39-53	Opposite

Stud Bracket



Part #	Hand
39-15	Shown
39-16	Opposite

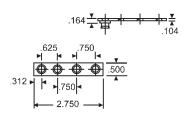
Stud Bracket



Part #	Hand
39-62	Shown
39-63	Opposite

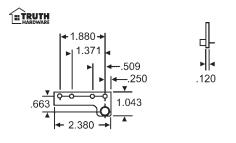
Stud Bracket

TRUTH HARDWARE



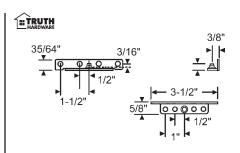
Part #	Material
39-64	E-Gard
39-64CG	CoastGard

Non-Hand with Snap Stud

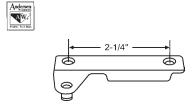


Part #	Hand
39-569	Shown
39-570	Opposite

Stud Bracket



39-418 Non-Hand Snap Stud Bracket

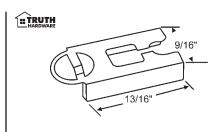


Part #	Hand
750-1361208	Shown
750-1361210	Opposite

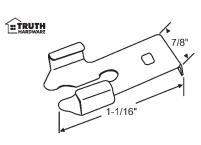


Part #	Hand
750-1361409	Shown
750-1361408	Opposite
/50-1301408	Opposite

Sash Bracket for 750-1361484



39-207 Detach Clip Bracket

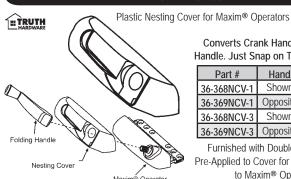


39-323 Stainless Steel Detach Clip

## **Operators Covers**

#### MAXIM® OPERATOR COVER

#### TRUTH'S ENCORE™ TANGO FOLDING HANDLE & COVER



Converts Crank Handle to Folding Handle. Just Snap on Top of Operator.

Part #	Hand	Finish
36-368NCV-1	Shown	Bronze
36-369NCV-1	Opposite	Bronze
36-368NCV-3	Shown	White
36-369NCV-3	Opposite	White

Furnished with Double Sided Tape Pre-Applied to Cover for Attaching Cover to Maxim® Operator

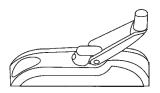
# 1-33/64 5-1/32'

Part #	Hand	Finish
37-215-1	Shown	Bronze
37-216-1	Opposite	Bronze
37-215-3	Shown	White
37-216-3	Opposite	White
37-215-71	Shown	Oil Rubbed Bronze

#### TRUTH'S ENTRYGARD FOLDING HANDLE AND COVER



Non-Hand. Fits All Entrygard Products



Converts Crank Handle to a Folding Handle. Just Remove Handle & Cover, and Install over Operator.

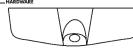


Part #	Finish
37-220-3	White

Folding Handle System. Other Finishes Available

### TRUTH

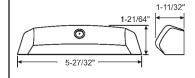
TRUTH



Part #	Finish
36-173CV-1	Bronze
36-173CV-2	Gold
36-173CV-3	White
36-173CV-5	Brass
36-173CV-6	Clay
36-173CV-8	Chestnut Bronze
36-173CV-9	Beige
36-173CV-14	Cocoa Brown
36-173CV-15	Off-White
36-173CV-29	Bright White

Plastic

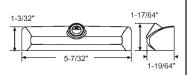
### TRUTH



Part #	Finish
36-173MC-1	Bronze
36-173MC-3	White
36-173MC-38	Tuscan Bronze
36-173MC-71	Oil Rubbed Bronze

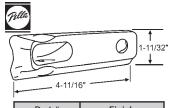
Metal

### TRUTH



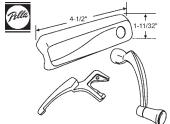
Part #	Finish
36-173PCV-1	Bronze
36-173PCV-2	Gold
36-173PCV-3	White

Plastic Contour Cover



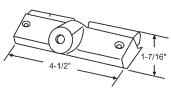
Part #	Finish
36-219LHCHP	Champagne
36-219RHCHP	Champagne
36-219LHBP	Bright Brass Plated
36-219RHBP	Bright Brass Plated
36-219LHW	White
36-219RHW	White

Integrated Folding Handle Cover

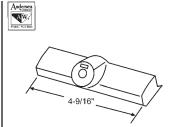


Part #	Hand	Finish
36-505LHCHP	Shown	Champagne
36-505RHCHP	Opposite	Champagne
36-505LHW	Shown	White
36-505RHW	Opposite	White
Crank Kit		



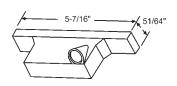


Part #	Finish
750-0532610	Stone
750-1351330	White



Part #	Finish
750-0532608	Stone





Part #	Hand	Finish
36-333CV-54	Shown	Brown
36-333CV-28	Shown	Almond
36-333CV-1	Shown	Bronze
36-333CV-10	Shown	Black
36-334CV-10	Opposite	Black

## **Operators Covers**



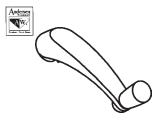
Part #	Finish
750-1361530	Stone
750-1361529	White

Classic Style



Part #	Finish
750-1361531	Stone
750-1361532	White

Metro Style

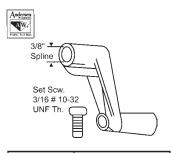


Part #	Finish
750-1361358	Stone
750-1361356	White

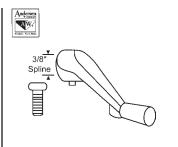
Classic Crank Handle with 3/8" Spline. Used with Classic Operator Cover 750-1361530



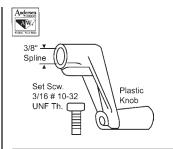
Part #	Finish
750-1361360	Stone
750-1361362	White



Part #	Finish
750-0532308	Bronze



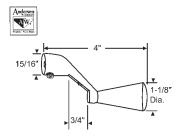
Part #	Finish
750-0532408	Stone
750-1351332	White



Part #	Finish
750-1361008	Silver

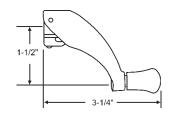


Part #	Finish
750-1361804	Stone



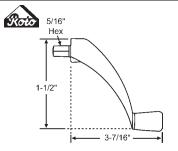
Part #	Finish
750-1361806	Stone

Easy Grip Handle



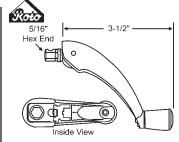
Part #	Finish
37-203-45	Blue White

Folding Crank Handle, 3/8" Spline Fits Andersen



Part #	Finish
37-209BEW	Blue White
37-209W	White

For Roto Pro Drive Operators



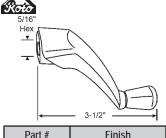
Part #	Finish
37-221BEW	Blue White
37-221W	White
37-221AD	Almond

For Roto Pro Drive Operators



Part #	Finish
37-160W	White

Folding Crank Handle with Hex Broach



Part #	Finish
37-213BEW	Blue White
37-213AD	Almond
37-213CY	Clay
37-213EW	Euro White
37-213W	White

Folding Handle

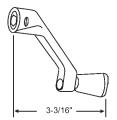


Part #	Finish
37-224W	White
For X-Drive Operators	

Roto		
1" 1		5/16" Hex
	3-	7/16"

Part #	Finish
37-157W	White
37-157BEW	Blue White
37-157	Almond

## **Crank Handles**



Part #	Finish
37-159WH	White
37-159	Aluminum

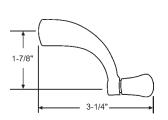
Fits Roto Operators 36-333SP, 36-334SP 5/16" Hex



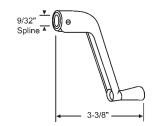


Part #	Finish
37-207W	White
37-207CHP	Champagne
37-207BP	Brass Plated

Integrated Crank Handle



Part #	Hand	Finish
37-201-45	Shown	Blue White
37-202-45	Opposite	Blue White

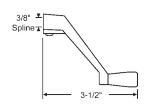


Part #	Finish	
900-9690	Driftwood	
900-9690W	White	
900-9690B	Polished Brass	

2-7/8"

е

**Dorchester** 

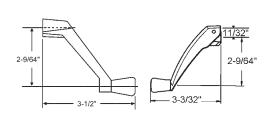


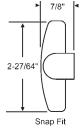
Part #	Finish
37-212	Bronze

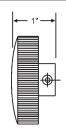
### Peachtree

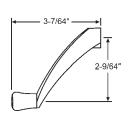
### TRUTH OPERATOR HANDLES (ONLY FITS TRUTH 11/32" SPLINE)







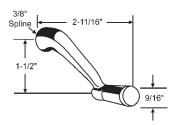




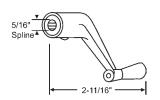
Finish	Long	Folding	"T"	Round	Contour Handle
Bronze	37-137-1	37-109FH-1	37-140-1	37-138-1	37-150-1
Gold	37-137-2	37-109FH-2	37-140-2	37-138-2	37-150-2
White	37-137-3	37-109FH-3	37-140-3	37-138-3	37-150-3
Brass	37-137-5	37-109FH-5	37-140-5	37-138-5	37-150-5
Clay	37-137-6	37-109FH-6	37-140-6	37-138-6	37-150-6
Aluminum	37-137-7	37-109FH-7	37-140-7	37-138-7	37-150-7
Chestnut Bronze	37-137-8	37-109FH-8	37-140-8	37-138-8	37-150-8
Beige	37-137-9	37-109FH-9	37-140-9	37-138-9	37-150-9
Medium Bronze	37-137-12	37-109FH-12	37-140-12	37-138-12	37-150-12
Brush Copper Nickel	37-137-13	37-109FH-13	37-140-13	37-138-13	37-150-13
Off-White	37-137-15	37-109FH-15	37-140-15	37-138-15	37-150-15
Black	37-137-10	37-109FH-10	37-140-10	-	37-150-10
Coppertone	37-137-75	37-109FH-75	-	37-138-75	37-150-75
Cocoa Brown	37-137-14		37-140-14	-	37-150-14
Bright White	37-137-29	37-109FH-29	37-140-29	-	37-150-29
Tuscan Bronze	37-137-38	37-109FH-38	-	-	37-150-38
Oil Rubbed Bronze	37-137-71	37-109FH-71	37-140-71	-	37-150-71
Gold (New)	37-137-87	37-109FH-87	-	37-138-87	37-150-87

Other finishes available. Check with your account manager.

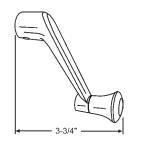
## **Crank Handles**



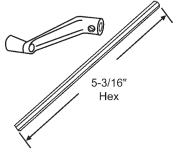
Part #	Finish
37-100	Aluminum
37-101	Brown
37-100W	White
37-101B	Bronze



Part #	Finish
37-112	Aluminum
37-111	Brown
37-112DB	Dark Bronze

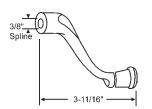


Part #	Finish	
37-210	Mill	
Valo		



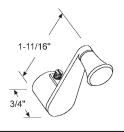
Part #	Finish
37-147	Mill

5/16" Hex Handle and Shaft



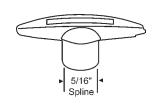
Part #	Finish
37-104	Aluminum
37-105	Brown

For Awning Operators

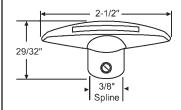


Part #	Finish
900-19754	Bronze

Crank Handle - Garden Window Hardware

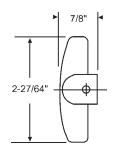


Part #	Finish
37-120	Mill
37-120B	Bronze



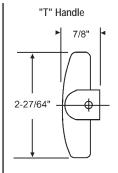
Part #	Finish
37-119	Aluminum
37-119B	Bronze
37-119W	White

Fits Old Style Steel Casement Operators



Part #	Finish
37-125-1	Bronze
37-125-3	White
37-125-4	Coppertone
37-125-8	Chestnut Bronze
37-125-9	Beige

Fits 11/32" Spline



Part #	Fits Mfg.	Spline Style	Finish
37-124		3/8-11	Copperite
37-124W	Pella	3/8-11	White
37-124CH		3/8-11	Champagne
37-126	Andersen	3/8	Stone (Dark Gray)
37-126W	Andersen	3/8	White
37-123	Peachtree	5/16	Light Brown
37-123W	reachinee	5/16	White
37-113	Old Style	3/8	Aluminum
37-113W	Steel Casement	3/8	White
37-113B	Steel Casement	3/8	Brown
37-106	Old Style	5/16	Aluminum
37-106B	Steel Casement	5/16	Brown
900-161	Jalousie	5/16	Aluminum
37-127	Jaiousie	7/16	Bronze



Part #	Finish
37-165U-2	Gold
37-165U-24	Brown
37-165U-3	White
37-165U-7	Aluminum
37-165U-75	Coppertone
37-165U-9	Beige
37-165U-MTBZ	Metalic Bronze

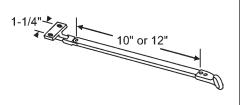
Universal Replacement Folding Handle. Includes 5 adapters: 11/32", 5/16", 3/8", 9/32", 3/8" special. Will fit Truth, Andersen, Pella, Peachtree and various old style casement and jalousie operators

#### Round Hand Knob



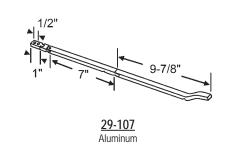
Part #	Fits Mfg.	Spline Style	Finish
37-133*		3/8-11	Copperite
37-133W	Pella	3/8-11	White
37-133-35	]	3/8-11	Champagne
37-129	Andersen	3/8	Stone (Dark Gray)
37-129W	Anuersen	3/8	White
37-128	Peachtree	5/16	Light Brown

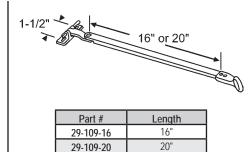
## **Push Bars**



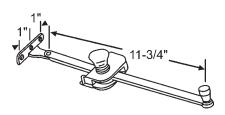
Part #	Length
29-105-10A	10"
29-105-12A	12"

Aluminum





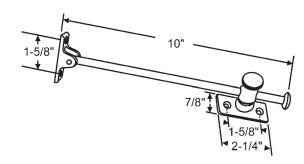
Aluminum with White Bronze Ends



Part #	Hand
36-120	Shown
36-121	Opposite

Black Housing & Push Bar with Bracket. 29-110 Available Upon Request

#### Fenestra



Part #	Length
900-339	Bright Nickel
900-339BRS	Bright Brass

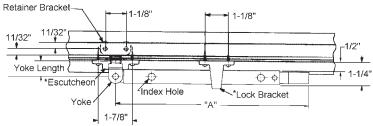
Casement Adjuster

### **Telescoping Push Bars**

## TRUTH

### Anderberg 44AL Series

For Aluminum Windows



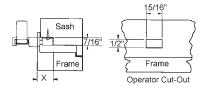
These Items Can Be Purchased Separately

<u>39-124-7</u>

Lock Bracket

<u>39-158-7</u>

Nylon Escutcheon



		A Dim	ension			
Truth Part #	Our Part #	X Dimension	Yoke Length	Closed	Extended	Finish
12.40.00.100	29-131-7	15/16"	25/32"	10-1/2"	16-1/4"	Aluminum
12.41.00.100	29-132-7	1"	27/32"	10-1/2"	16-1/4"	Aluminum
12.42.00.100	29-133-7	1"	27/32"	8"	11"	Aluminum
12.43.00.100	29-134-7	1-3/32"	15/16"	10-1/2"	16-1/4"	Aluminum
12.45.00.100	29-136-7	1-9/16"	1-13/32"	10-1/2"	16-1/4"	Aluminum
12.46.03.100	29-137-1	1-9/16"	1-13/32"	8"	11"	Bronze

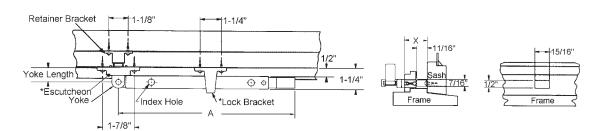
## **Telescoping Push Bars**

## TRUTH

### Anderberg 44WD Series

For Wood Windows

These Items Can Be
Purchased Separately
39-124-7
Lock Bracket
39-158-7
Nylon Escutcheon

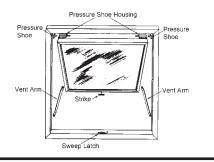


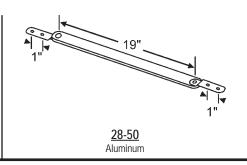
Truth Part #	Our Part #	X Dimension	Yoke Length	"A" Closed	"A" Extended	Finish
12.48.00.100	29-142-7	15/16"	25/32"	8"	11"	Aluminum
12.50.00.100	29-145-7	1"	27/32"	8"	11"	Aluminum
12.52.00.100	29-150-7	1-7/16"	1-9/32"	8"	11"	Aluminum
12.54.00.100	29-153-7	2"	27/32"	8"	11"	Aluminum

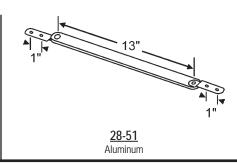
### **Vent Arms With Brackets**

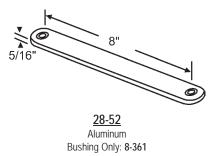
Our machine shop facilities can duplicate a variety of sizes and shapes of vent arms.

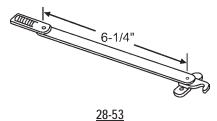
The drawings below are just a representation of the various vent arms that are available. Please send us your sample so we can provide an exact replacement.



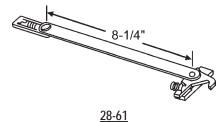




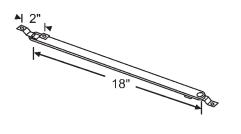




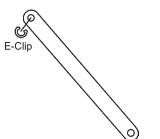
28-53
Aluminum with Nylon End Piece and Hook. Set Includes
Right Hand and Left Hand



Aluminum with Nylon End Piece and Hook. Set Includes
Right Hand and Left Hand

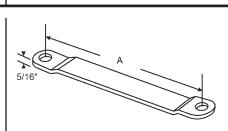


28-55 Aluminum



Part #	Description
28-79A	for 24" Wide Vent
28-79B	for 18" Wide Vent
28-79C	for 30" Wide Vent
28-79D	for 20" Wide Vent

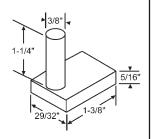
Drag Arm



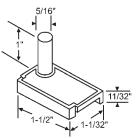
Part #	"A"
900-10601	7-3/4"
900-10602	18-1/4"

Aluminum

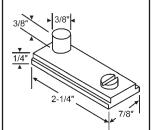
## **Pressure Shoes, Friction Shoes & Housings**



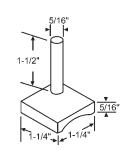
<u> 26-118</u>



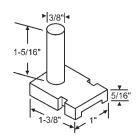
Part #	Hand
26-121	Shown
26-120 Opposite	
Nylon Shoes	



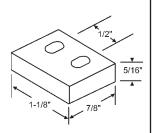
Part #	Hand
26-59	Shown
26-58	Opposite



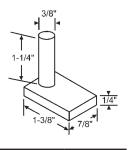
Part #	Hand
26-66	Shown
26-65	Opposite



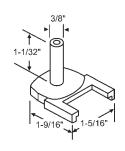
<u>26-68</u> Notched



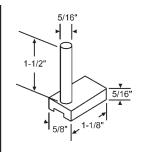
<u> 26-76</u> Housing Only



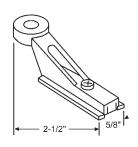
Part #	Hand
26-111	Shown
26-110	Opposite



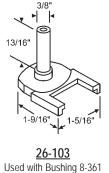
26-100



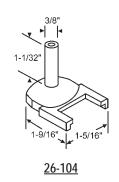
<u> 26-101</u>

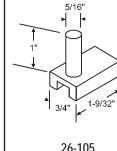


26-102



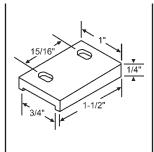




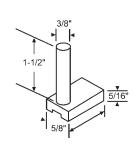




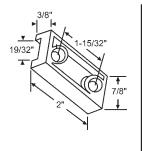
9/32"



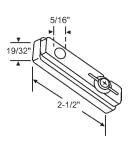
<u>26-116</u>



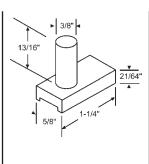
<u>26-117</u>



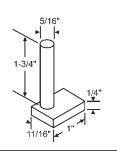
<u> 26-123</u>



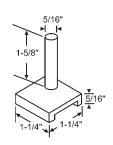
<u>26-122</u>



<u>26-55</u> Metal Pin

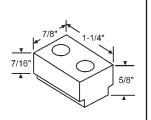


Part #	Hand
26-57	Shown
26-56	Opposite

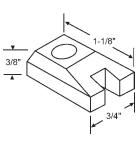


Hand
Shown
Opposite

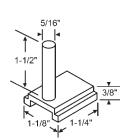
## **Pressure Shoes, Friction Shoes & Housings**



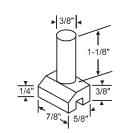
26-67 Aluminum



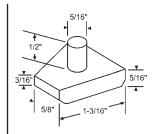
<u> 26-74</u>



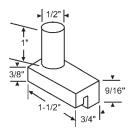
<u> 26-69</u>



Part #	Base Type
26-72	Nylon

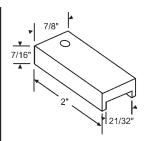


<u>26-81</u>

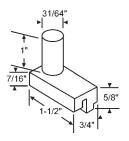


Part #	Hand
26-84	Shown
26-83	Opposite

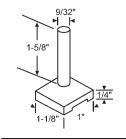
Pressure Shoe with Aluminum Pin



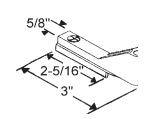
Part #	Hand
26-86	Shown
26-85	Opposite



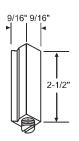
Part #	Hand
26-88	Shown
26-87	Opposite



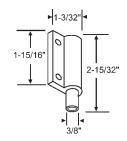
Part #	Hand
26-99	Shown
26-98	Opposite



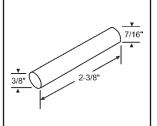
900-20957 Metal Bracket



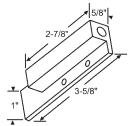
26-113 Housing with Screw. Aluminum



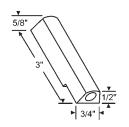
Part #	Hand	
26-119	Shown	
26-114	Opposite	
Aluminum		



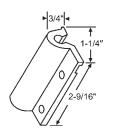
26-115 Pressure Shoe Housing



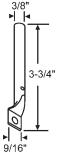
Part #	Hand
26-61	Shown
26-60	Opposite
Aluminum	



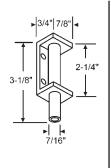
26-75 Three 10-24 Tapped Mounting Holes on Underside; Set Screw Only: 26-75S



Part #	Hand
26-80	Shown
26-79	Opposite
Aluminum	



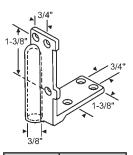
<u>26-82</u> Brass



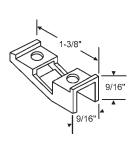
<u>26-89</u> Aluminum



900-12627 Pressure Shoe Spring .50 Gauge Steel.

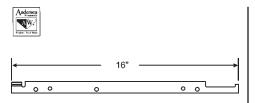


Part #	Hand
26-129	Shown
26-128	Opposite
20 .20	- 111

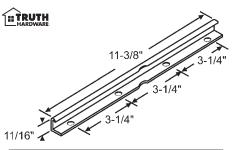


26-124 Project Out Guide

### **Casement and Awning Tracks**

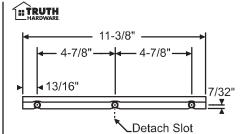


Part #	Hand
750-1361414	Shown
750-1361415	Opposite



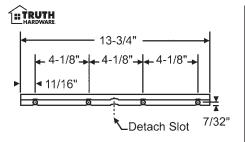
Part #	Material
38-53	Steel
38-53CG	CoastGard

For Casement Windows



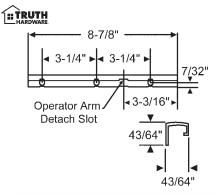
Part #	Material
38-55	Steel
38-55SS	Stainless Steel

For Casement Windows



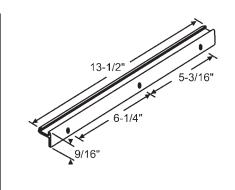
Part #	Material
38-59	Steel

For Casement Windows



Part #	Material
38-65	Steel

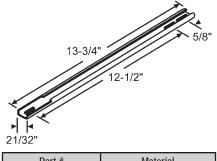
For Casement Windows



Part #	Material
38-54	Aluminum

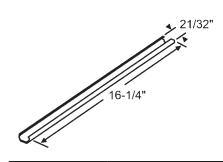
For Casement Windows

#### **Dorchester**



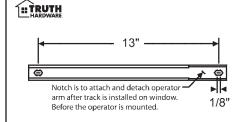
Part #	Material
38-51ST	Steel

For Casement Windows **Dorchester** 



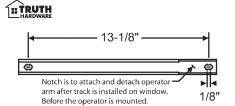
Part #	Material
38-52	Steel

Rust Resistant Coating For Awning Windows

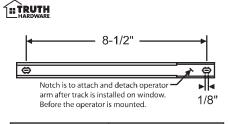


Part #	Material
38-58	Stainless Steel

For Awning Windows

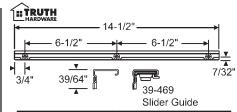


Part #	Material
38-60	Stainless Steel
For Casement Windows	



Part #	Material
38-62	Stainless Steel
00 02	

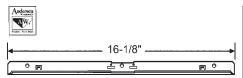
For Casement Windows



Part #	Material
38-67	Aluminum
38-67SS	Stainless Steel

Maxim Casement Track with Slider Guide

## **Casement and Awning Tracks**



Material

Aluminum

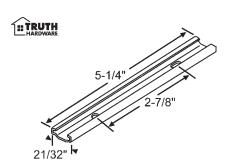
Andersen		
<b>4</b>	16-1/8"	
0 F		<b>₽</b> •

TRUTH HARDWARE	
16"	<b>→</b>
14-3/4"	→
9-3/4"	
0 0	0
<b>▶</b> •	
5/8" 17/64"	
39-441 ■ 5/8" Pivot Slide Only	
. Not didd only	

Part #	Material
750-1361204	Aluminum

Part #	Material
38-68	Aluminum
38-68SS	Stainless Steel

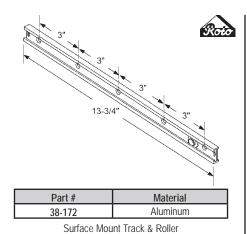
For Awning Windows with Pivot Slides (2)

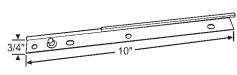


Part #

750-0565808

Part #	Material
38-1	Steel
For Casement Windows	





Part #	Material
900-21353T	Steel
For Casement Windows	
Dair	



Call us at 800-992-4282 for pricing.

Returns incur a 25% restocking fee.

Orders under \$25 incur a \$5 small order handling fee.