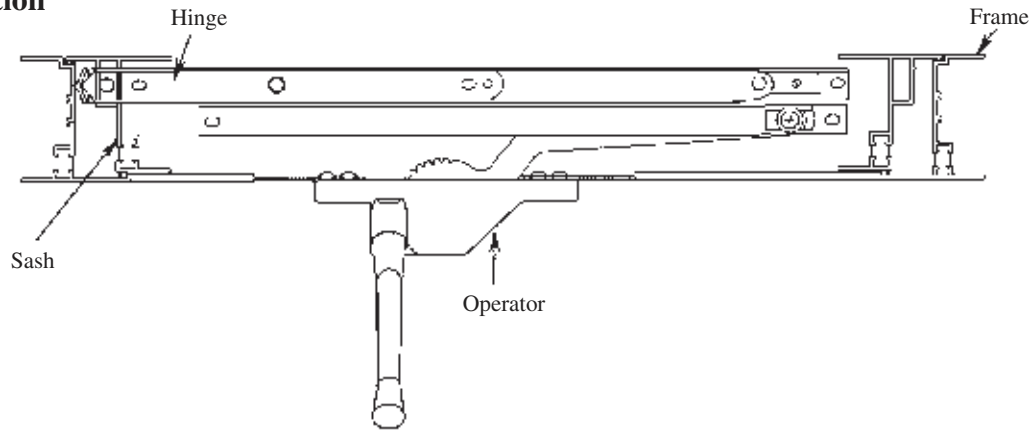
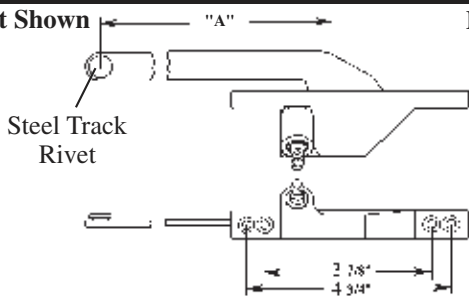


# Casement Window: Operators and Handles

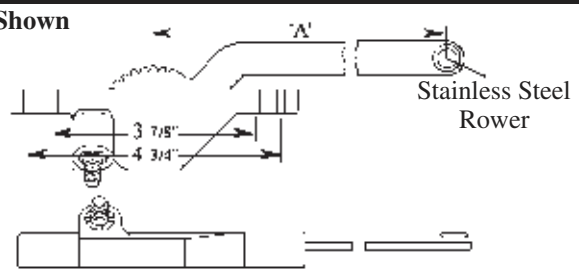
## Typical Application



### Front Mount Shown



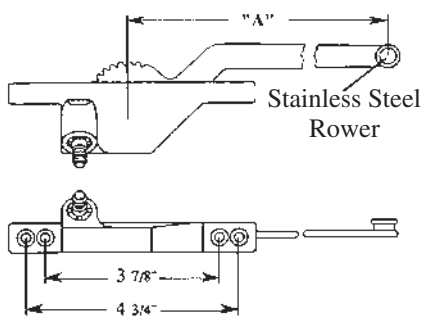
### Rear Mount Shown



### #014-26

"A" Dim = 9" or 11"

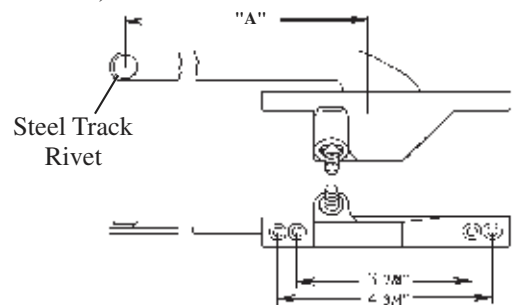
### Rear Mount Shown



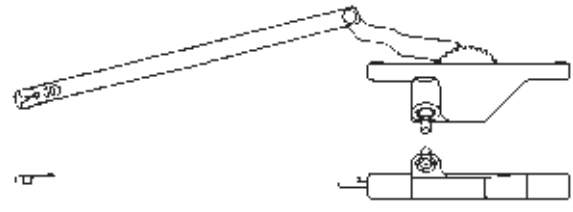
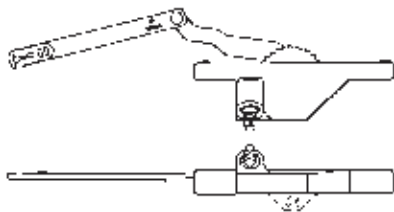
### #014-27

"A" Dim = 6", 9", 11"  
(Specify RH or LH)

### Front Mount Shown

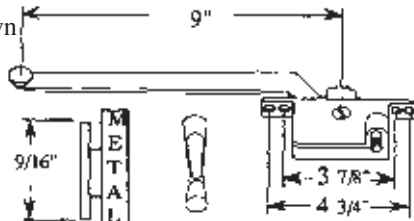


**Dual Operators** - There are many variations. You must send a sample for positive identification.

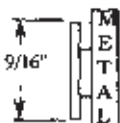


### #022-114 RH

#022-112 LH Shown  
Color: Aluminum



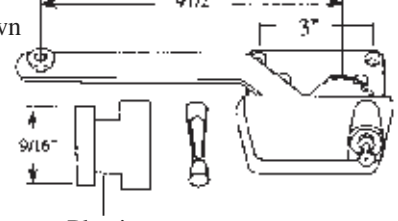
#022-114-07 RH  
#022-112-07 LH  
Color: Brown



Handle Included

### Straight Arm

#022-124-03 LH Shown  
#022-125-03 RH



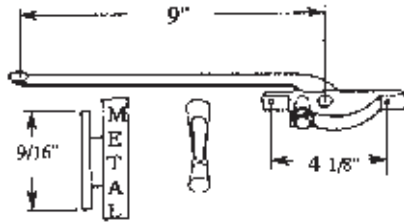
Offset Arm  
#022-122-03 LH  
#022-123-03 RH

Color: Bronze  
Other Colors Available

Plastic

## Casement Window: Operators and Handles

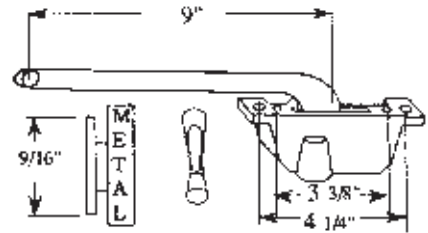
**#022-118 LH Shown**  
**#022-116 RH**  
 Color: Aluminum



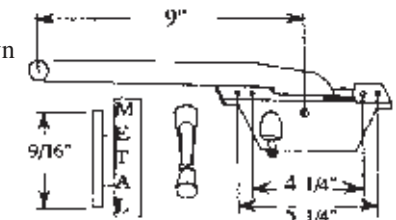
**#022-118-07 LH**  
**#022-116-07 RH**  
 Color: Brown

Handle Included

**#022-130 LH Shown**  
**#022-131 RH**  
 Color: Aluminum  
 (Fenestra)

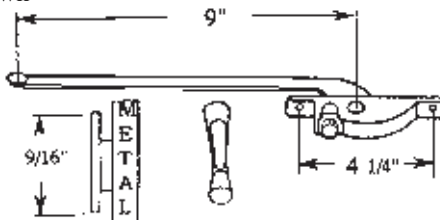


**#022-136 RH**  
**#022-137 RH Shown**  
 Color: Aluminum  
 (Fenestra)



Handle Included

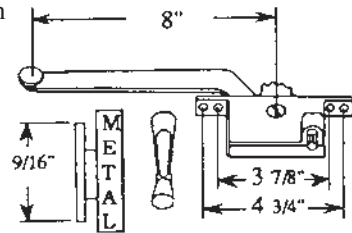
**#022-107 LH Shown**  
**#022-105 RH**  
 Color: Aluminum



**#022-107-07 LH**  
**#022-105-07 RH**  
 Color: Brown

Handle Included

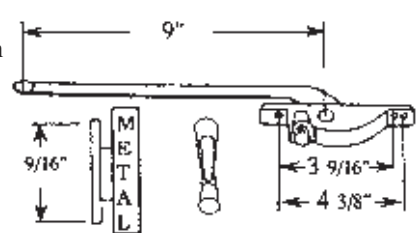
**#022-110 LH Shown**  
**#022-104 RH**  
 Color: Aluminum



**#022-110-07 LH**  
**#022-104-07 RH**  
 Color: Brown

Handle Included

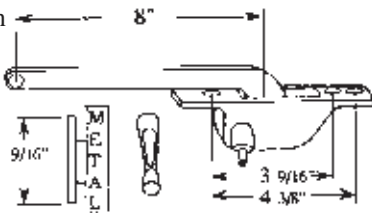
**#022-102 RH**  
**#022-100 LH Shown**  
 Color: Aluminum



**#022-102-07 RH**  
**#022-100-07 LH**  
 Color: Brown

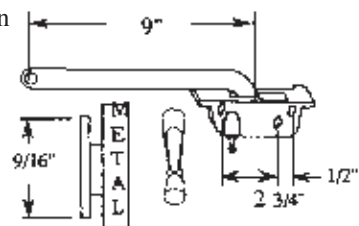
Handle Included

**#022-134 LH Shown**  
**#022-135 RH**  
 Color: Brown



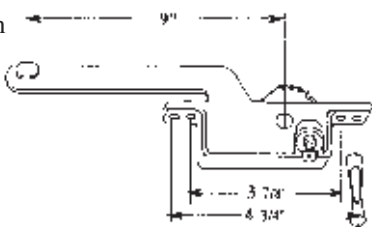
Handle Included

**#022-132 LH Shown**  
**#022-133 RH**  
 Color: Brown  
 (Fenestra)

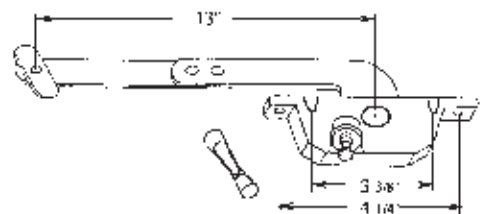


Handle Included

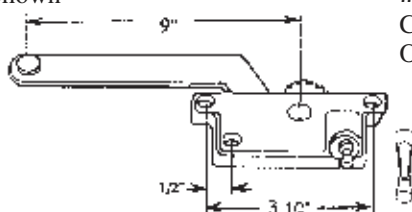
**#022-142 RH**  
**#022-143 LH Shown**  
 Color: Brown



**#022-150 LH Shown**  
**#022-151 RH**  
 Color: Aluminum

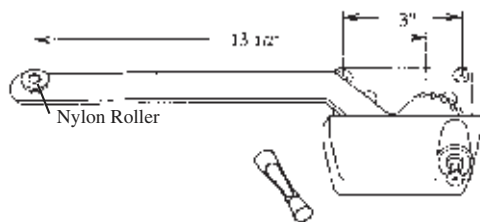


**#022-144 RH**  
**#022-145 LH Shown**  
 Color: Brown



Handle Included

**#022-152-03 LH Shown**  
**#022-154-03 RH**  
 Color: Bronze  
 Other Colors Available



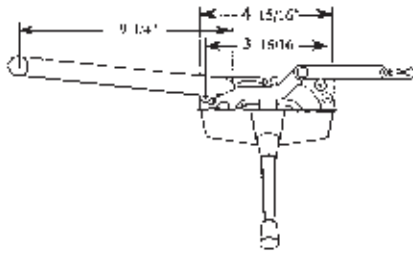
Handle Not Included

# Casement Window: Operators

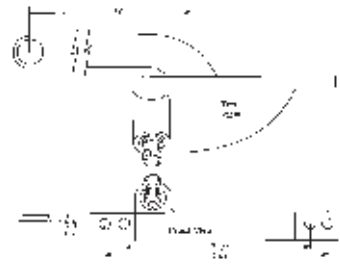
**#014-05** LH/RH  
LH Shown

Color: Clay  
Other Colors Available

Handle **#014-141**  
Sold Separately

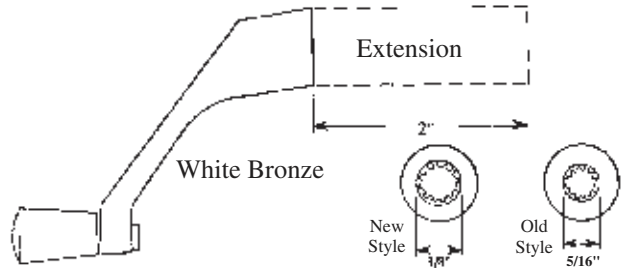


**#03-37** RH  
**#03-38** LH Shown  
White Bronze



## Crank for Above: #03-37/38

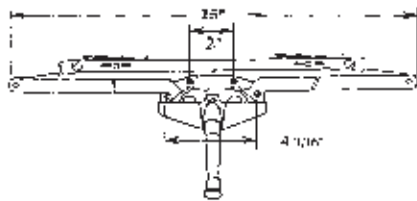
| Part # | Old | New | Extension |
|--------|-----|-----|-----------|
| #03-39 |     | X   | With Out  |
| #03-40 |     | X   | With      |
| #03-41 | X   |     | With out  |
| #03-42 | X   |     | With      |



**Awning Roto Gear Operators** - Handles sold separately  
**#022-86** (Specify Color)

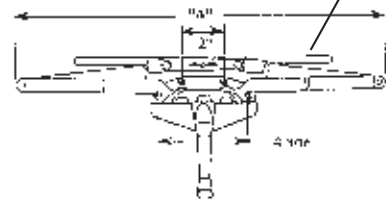
**#014-02** (Specify Color)

Optional



Available "A"  
Dimensions

- 1) 12"
- 2) 16 1/8"
- 3) 21 1/2"

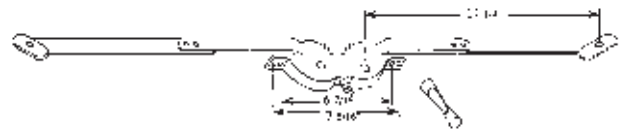
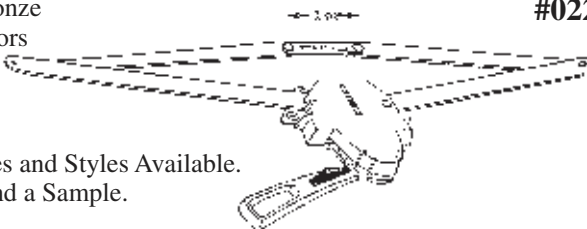


**#014-01-03**

Color: Bronze  
Other Colors Available

**#022-24-03** Bronze

**#022-24-05** Aluminum

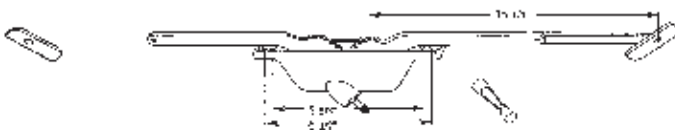


Other Sizes and Styles Available.  
Please Send a Sample.

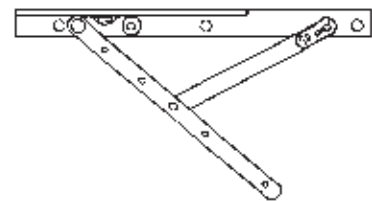
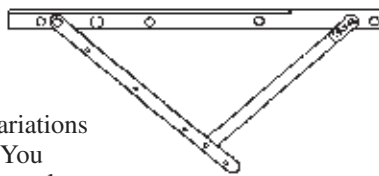
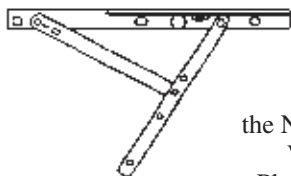
**#022-25-03** Bronze

**#022-25-05** Aluminum

**#022-26-03** Bronze



## Wood Window Hinge - Typical Examples

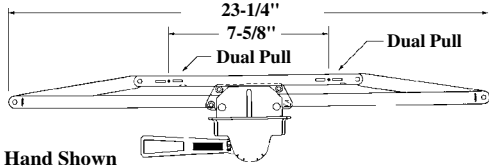


Due to  
the Number of Variations  
We Ask that You  
Please Send a Sample.

# Casement Window: Operators

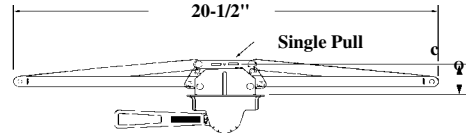
#014-01-XX

## Dual Pull Lever Operator



Regular Hand Shown

## Single Pull Lever Operator

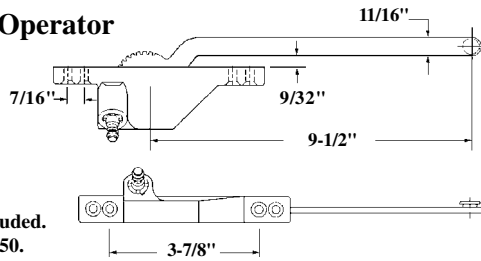


Regular Hand Shown

\*Other arm lengths available

#014-26-XX

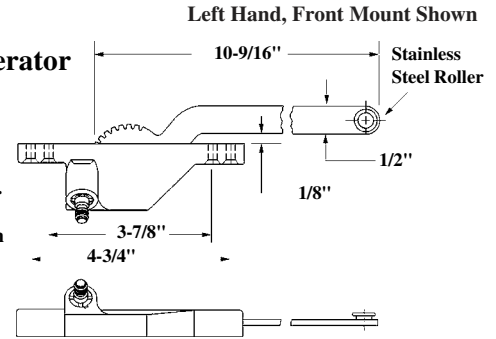
## Roto Gear Operator



- Handle not included.
- Uses track 022-50.
- Button at end of arm is metal.
- Varied arm lengths.

#014-26-XX

## Roto Gear Operator

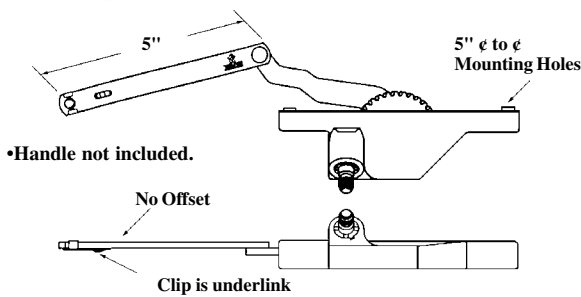


- Handle not included.
- Uses track 022-50.
- Button at end of arm is metal.
- This item will be discontinued when stock runs out.

#022-159-XX

## Dyad Operator

Left Hand Shown  
\*There are many variations - send sample for proper identification.

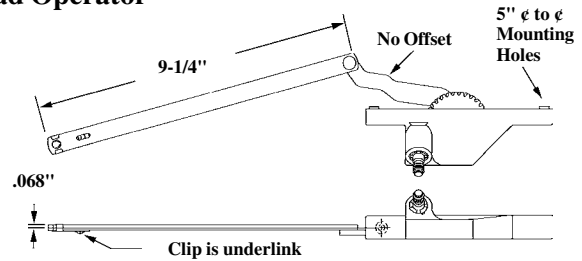


- Handle not included.

#022-159-XX

## Dyad Operator

Left Hand Shown



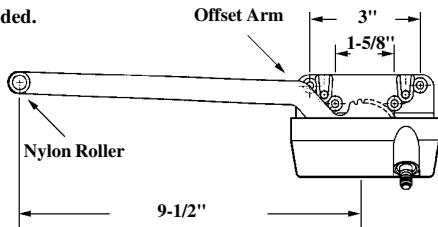
#022-122-XX (LH)

## Single Arm Operator

#022-123-XX (RH)

Left Hand Shown

- Handle not included.
- Uses track N-43.



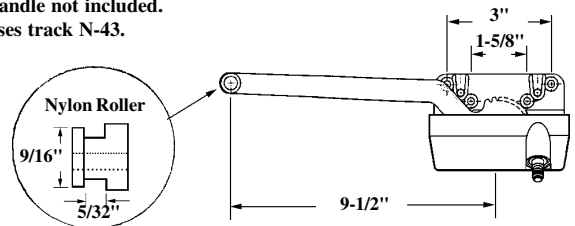
#022-124-XX (LH)

## Single Arm Operator

#022-125-XX (RH)

Left Hand Shown

- Handle not included.
- Uses track N-43.



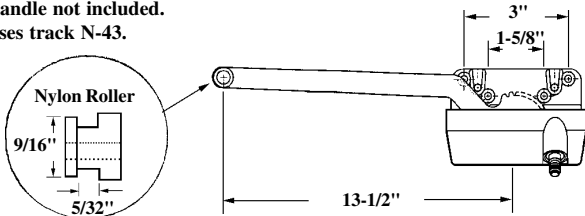
#022-152-XX (LH)

## Single Arm Operator

#022-154-XX (RH)

Left Hand Shown

- Handle not included.
- Uses track N-43.

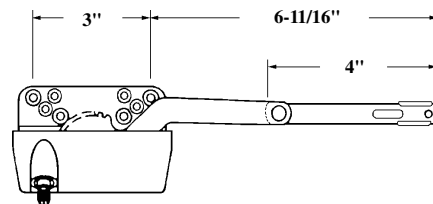


#014-52-XX

## Split Arm Operator

Left Hand Shown

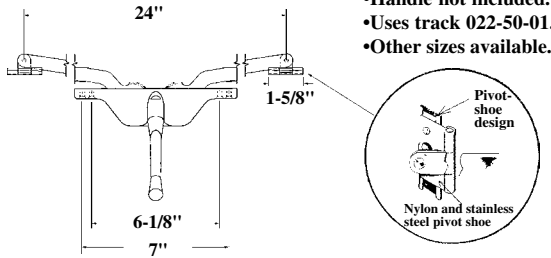
- Handle not included.



XX = Specify Color

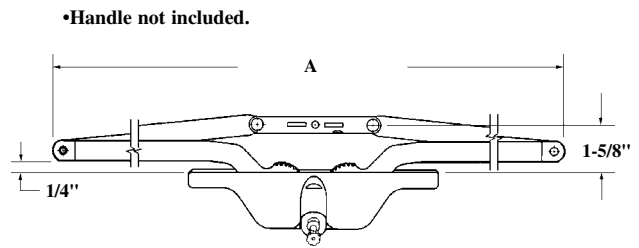
# Casement Window: Operators

## #022-98-XX Pivot Shoe Roto Operator



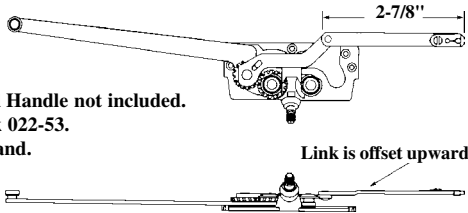
- Handle not included.
- Uses track 022-50-01.
- Other sizes available.

## #022-27-XX Scissors Arm Operator



- Handle not included.

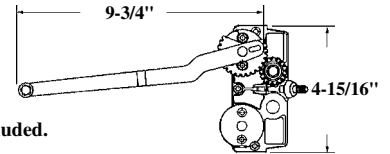
## #014-05-XX Dual Arm "Entrygard" Operator



- Cover and Handle not included.
- Uses track 022-53.
- Specify Hand.

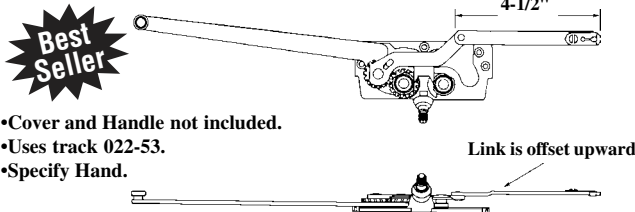
Left Hand Shown

## #014-05-13 (LH) Dual Arm "Entrygard" Operator #014-05-14 (RH) Operator



- Cover and Handle not included.
- Uses track 022-53.
- Specify Hand.

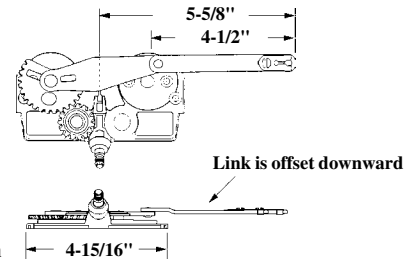
## #014-05-XX Dual Arm "Entrygard" Operator



- Cover and Handle not included.
- Uses track 022-53.
- Specify Hand.

Left Hand Shown

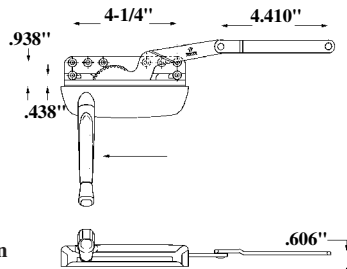
## #022-88-XX "Entrygard Dyad" Operator



- Cover and Handle not included.

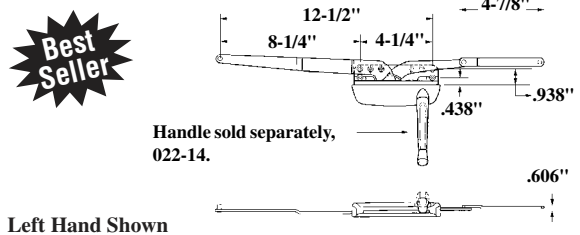
Left Hand Shown

## #014-51-XX Maxim® "Dyad" Operator



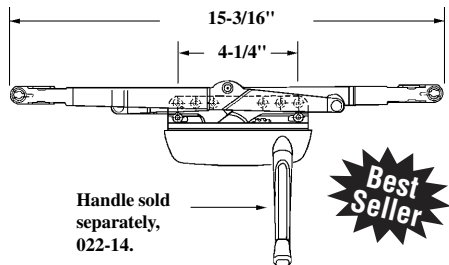
Left Hand Shown

## #014-50-XX Maxim® Dual Arm Operator

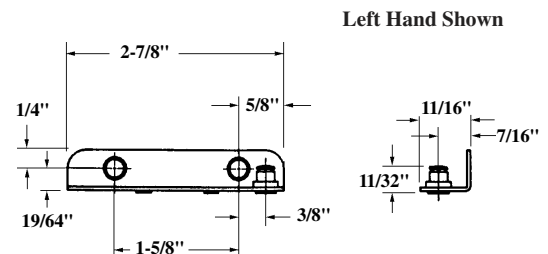


Left Hand Shown

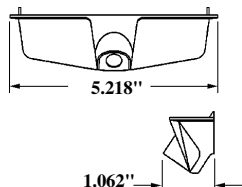
## #014-52-XX Maxim® Awning Operator



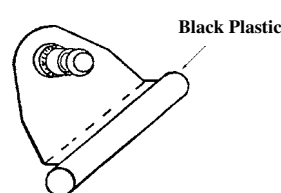
## #014-05-38 Stud Bracket



## #022-42-XX "Entrygard" Operator Cover



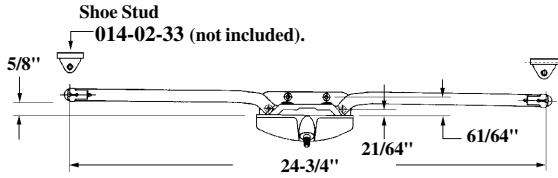
## #014-02-33 Shoe Stud



XX = Specify Color

# Casement Window: Operators, Brackets

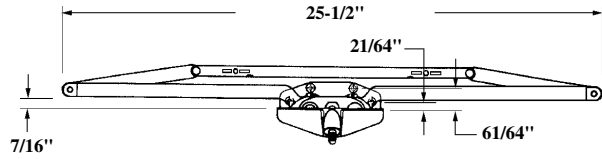
## #022-86-XX Roto Gear Awning Operator



•Handle not included.

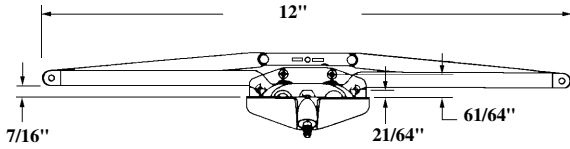
## #022-86-XX Dual Pull Roto Gear Awning Operator

- Approximate sash opening: 14-1/2".
- Handle not included.



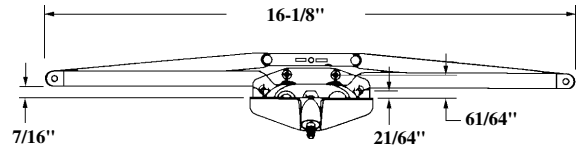
## #022-86-XX Single Pull Roto Gear Awning Operator

- Approximate sash opening: 6".
- Handle not included.



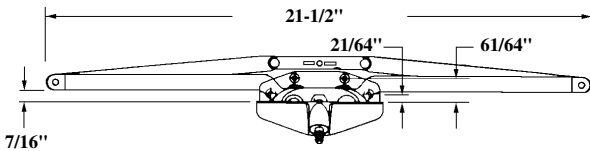
## #022-86-XX Single Pull Roto Gear Awning Operator

- Approximate sash opening: 10-1/2".
- Handle not included.

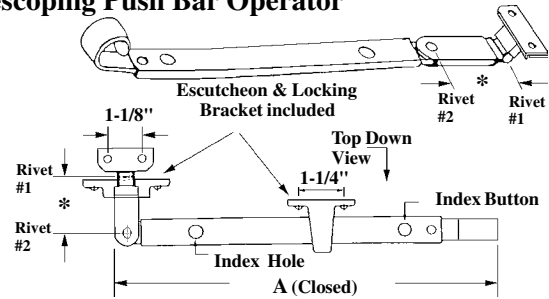


## #022-86-XX Single Pull Roto Gear Awning Operator

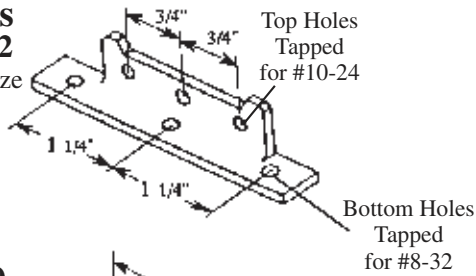
- Approximate sash opening: 15-3/4".
- Handle not included.



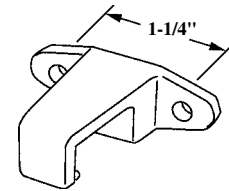
## #014-47 Telescoping Push Bar Operator



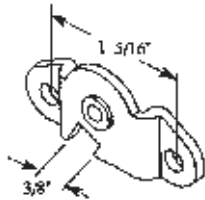
## Brackets #022-7102 White Bronze



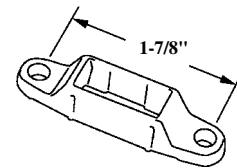
## #014-47A Push Bar Locking Bracket



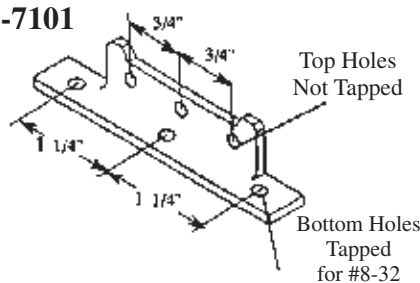
## #022-7100 Zinc Plate



## #014-47B Push Bar Guide (Escutcheon)



## #022-7101 Black

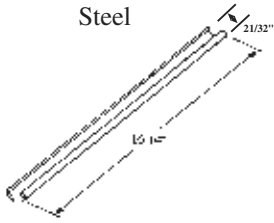


XX = Specify Color

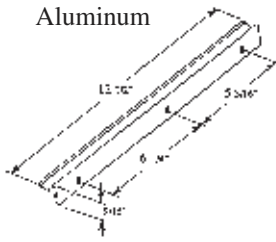
# Casement Window: Tracks, Sash Hooks

## Tracks

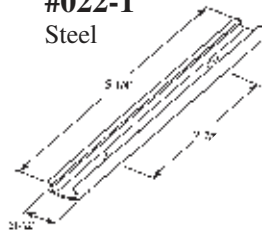
**#022-52**  
Steel



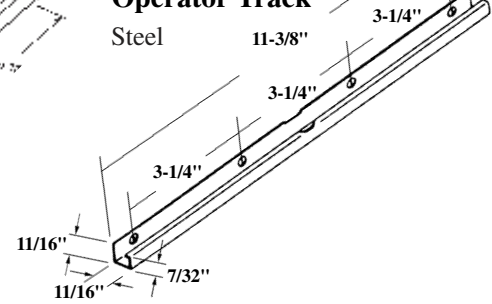
**#022-54**  
Aluminum



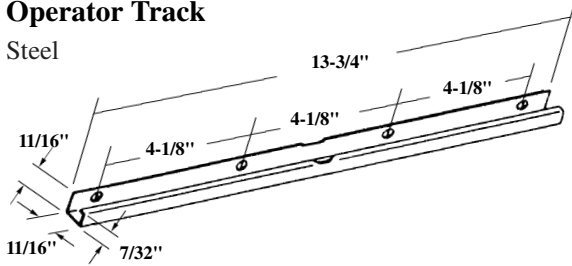
**#022-1**  
Steel



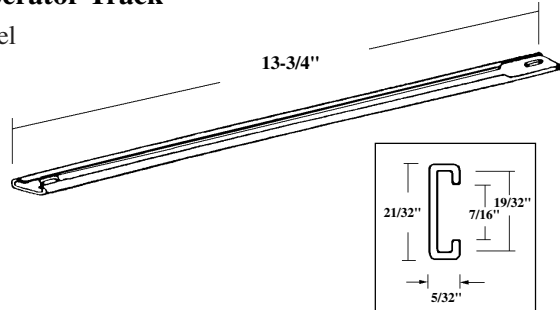
**#N-143**  
**4 Hole Single Arm**  
**Operator Track**  
Steel



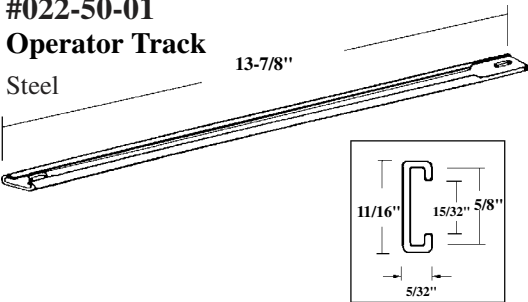
**#N-143-13.75**  
**4 Hole Single Arm**  
**Operator Track**  
Steel



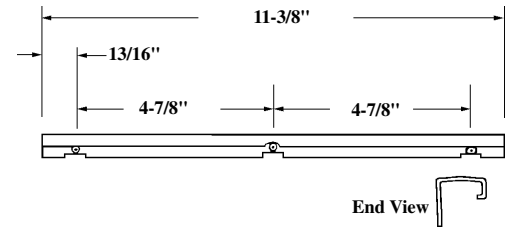
**#022-50**  
**Operator Track**  
Steel



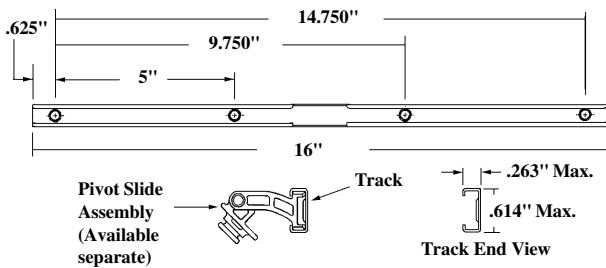
**#022-50-01**  
**Operator Track**  
Steel



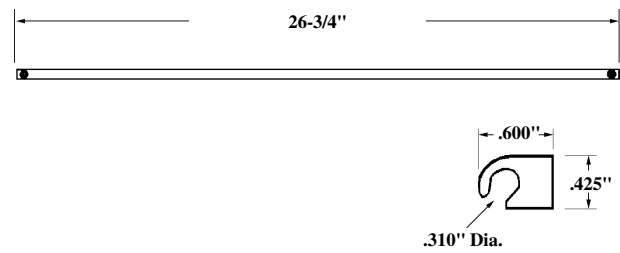
**#022-53**  
**3 Hole Operator Track**  
Steel



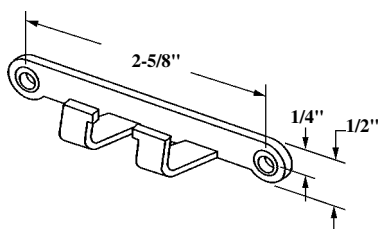
**#014-52-01T**  
**Maxim® Awning Track & Slider Assembly**



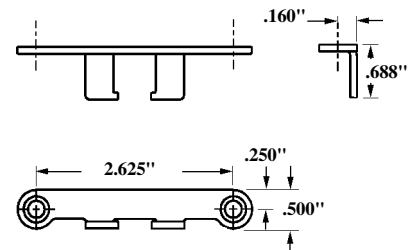
**#014-02-36**  
**“Entrygard” Awning Operator Guide Bar**



**#014-02-20**  
**Sash Hook**

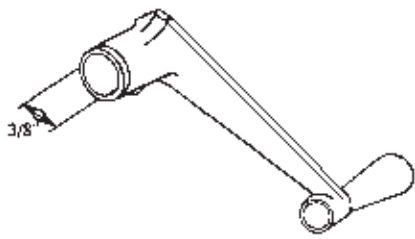


**#014-02**  
**Sash Hook**

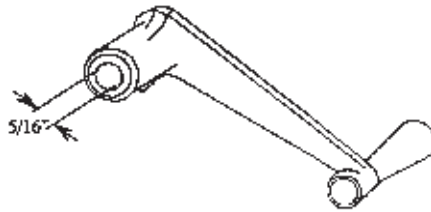


## Casement Window: Handles

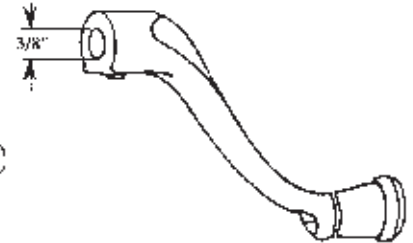
**Handles** #022-10-05  
Aluminum  
#022-10-07  
Brown



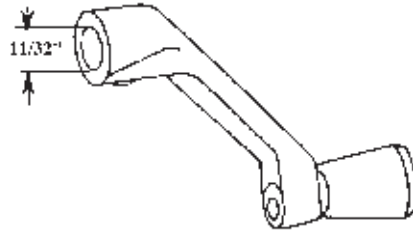
#022-11-05  
Aluminum  
#022-11-07  
Brown



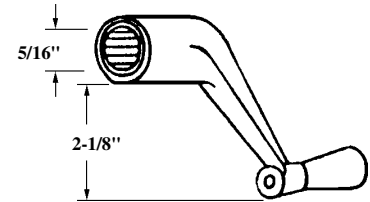
#022-12-05  
Aluminum  
#022-12-07  
Brown



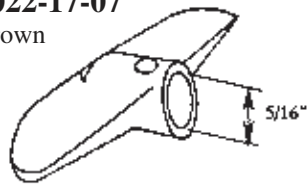
#022-13-03  
Bronze  
Many Other Colors Available



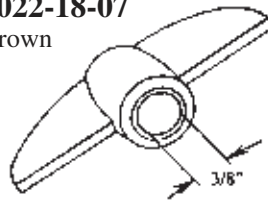
#022-14-XX



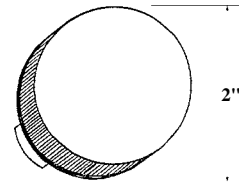
#022-17-05  
Aluminum  
#022-17-07  
Brown



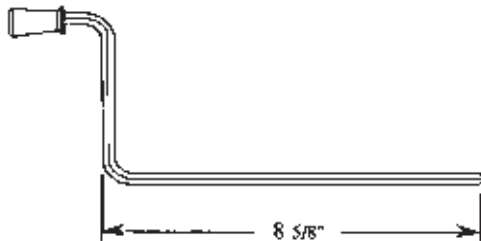
#022-18-05  
Aluminum  
#022-18-07  
Brown



#022-15-XX  
Operator Knob  
Handle

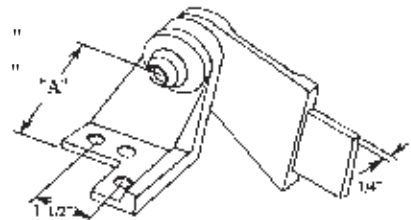


#022-16  
5/16" Hex  
Aluminum

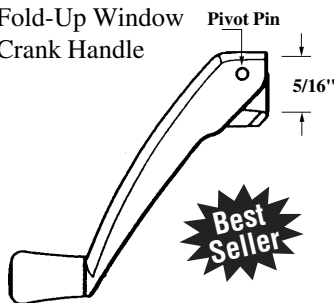


**Butt Hinge**

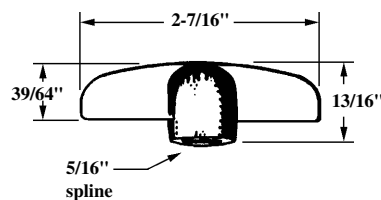
#04-17: "A" = 1 "  
#04-18: "A" = 2 "  
White Bronze



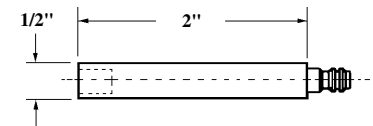
#022-103-XX  
Fold-Up Window  
Crank Handle



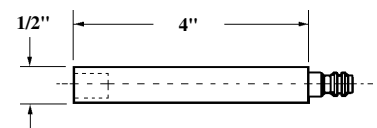
#022-17-XX  
Window Crank T Handle



#022-13-2  
Crank Handle Extension



#022-13-4  
Crank Handle Extension



XX = Specify Color