

# SECTION 1 / SWINGING SCREEN DOORS

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## STEEL & EXTRUDED ALUMINUM SCREEN DOORS

This section includes an example and specifications on Precision’s line of extruded aluminum screen and extruded aluminum security screen doors. These products are manufactured in the U.S.A.

All Precision aluminum screen and security screen doors have a 1 (one) year warranty on workmanship and material (see terms and conditions page for details.)

The pictures shown illustrate some of the finish options available. Standard finishes are indicated on each page. See our Precision color selections page.

Standard sizes shown are “call-out” sizes. The actual “standard” net frame size is indicated in this chart.

### STANDARD INCH (in.) NET FRAME SIZE

#### Extruded aluminum security door:

Centurion, .....29-1/4 in., 31-1/4 in. & 35-1/4 in. x 79-1/2 in.

#### Extruded aluminum swinging door:

Brighton, Clearview, Colonade, Fiesta,  
Safeguard, Santa Cruz, Santa Cruz Full Grille.....29-1/4 in., 31-1/4 in. & 35-1/4 in. x 79-1/4 in.

#### Roll form swinging steel door:

Provencial..... 31-1/8 in. & 35-1/8 in. x 79-3/4 in.

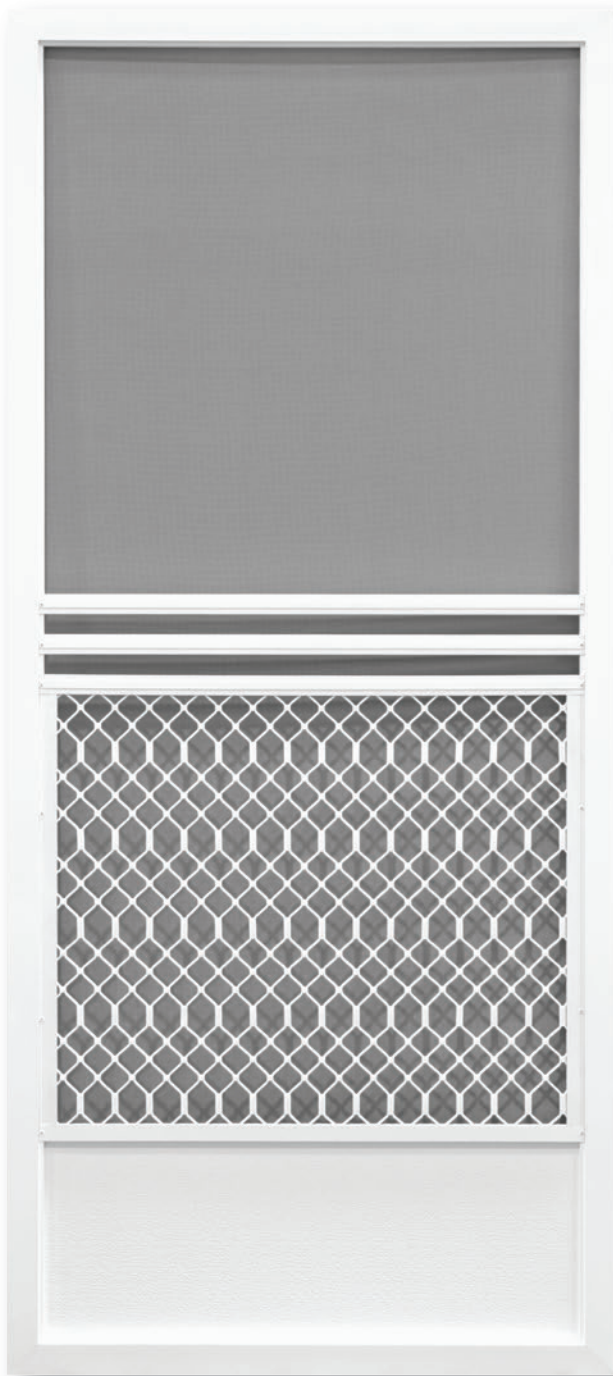
The net overall frame size is the door without hinge/bottom adjustment channels.

See pages at the end of this section for information regarding the custom order sizes, prices and options available on Precision aluminum doors.

For any questions regarding any Precision products or specifications, please contact your sales representative or call Precision order desk.

### Product Line - D3002

#### Extruded Aluminum Screen Door



#### Features

- 2-1/8 in. x 3/4 in. .050 Extruded aluminum frame
- Standard 12 in. embossed .024 aluminum kickplate
- Standard sizes  
2'6 in. x 6'8 in. (29-1/4 in. x 79-1/4 in.)  
2'8 in. x 6'8 in. (31-1/4 in. x 79-1/4 in.)  
3'0 in. x 6'8 in. (35-1/4 in. x 79-1/4 in.)
- Custom widths 24 in. up to 41-1/4 in., heights up to 110 in.  
**Extra charges will apply for doors over 96 in. in height**
- Charcoal fiberglass insect screening
- Standard push button handle
- 1-7/8 in. .050 side adjustable channel  
3 hinges
- 1-7/8 in. .050 bottom adjustment channel
- Extruded amplimesh 3/16 in. aluminum grille

#### Standard Finishes

- Adobe, almond, black, bronze or white powder coated
- Satin and bronze anodized



Standard push button latch with touch and go closer included. See page 12 for finishes.

#### Options Available

yes	9 in. kick plate	yes	Pet door
yes	Custom sizes	yes	Pre-Hung kit
yes	Double door astragal	yes	Push bar
yes	Handle color options	yes	Cloth upgrade

Extruded Aluminum  
Screen Door



## Features

- 2-1/8 in. x 3/4 in. .050 Extruded aluminum frame
- Standard 6 in. embossed .024 aluminum kickplate (8-1/8 in. overall)
- Standard sizes  
2'6 in. x 6'8 in. (29-1/4 in. x 79-1/4 in.)  
2'8 in. x 6'8 in. (31-1/4 in. x 79-1/4 in.)  
3'0 in. x 6'8 in. (35-1/4 in. x 79-1/4 in.)
- Custom widths 29 in. up to 47-7/8 in., heights up to 110 in.  
**Extra charges will apply for doors over 96 in. in height**
- Charcoal fiberglass insect screening
- Standard push button handle
- 1-7/8 in. .050 channel side adjustable 3 hinges
- 1-7/8 in. .050 bottom adjustment channel

## Standard Finishes

- Adobe, almond, black, bronze or white powder coated
- Bronze or satin anodized



Standard push button latch with touch and go closer included. See page 12 for finishes.

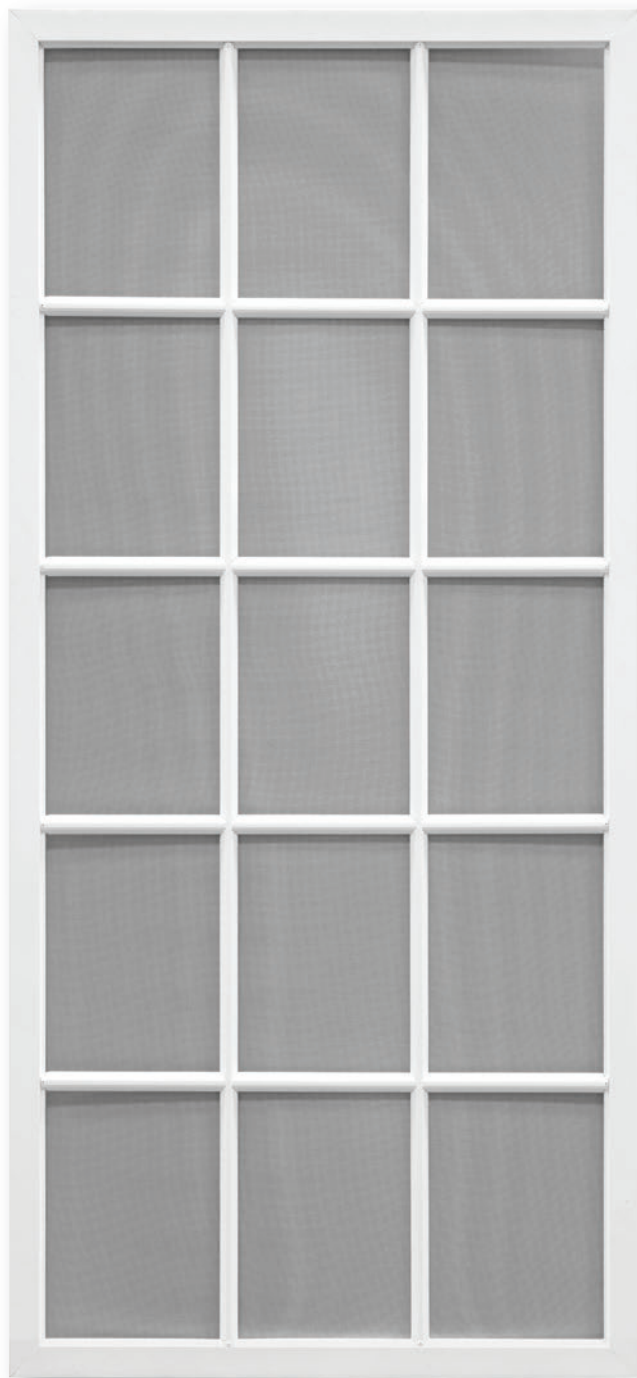
## Options Available

yes	9 in. kick plate	yes	Pet door
yes	Custom sizes	yes	Pre-Hung kit
yes	Double door astragal	yes	Push bar
yes	Handle color options	yes	Cloth upgrade



Product Line - D3002

Extruded Aluminum  
Screen Door



### Features

- 2-1/8 in. x 3/4 in. .050 Extruded aluminum frame
- Standard sizes  
2'6 in. x 6'8 in. (29-1/4 in. x 79-1/4 in.)  
2'8 in. x 6'8 in. (31-1/4 in. x 79-1/4 in.)  
3'0 in. x 6'8 in. (35-1/4 in. x 79-1/4 in.)
- Custom widths 29 in. up to 47-7/8 in., heights up to 110 in.

***Extra charges will apply for doors over 96" in height***

- 1 in. wide sculptured 15 lite grid pattern
- Charcoal fiberglass insect screening
- Standard push button handle
- 1-7/8 in. .050 side adjustable channel  
3 hinges
- 1-7/8 in. .050 bottom adjustment channel

### Standard Finishes

- Adobe, almond, black, bronze or white powder coated



Colonade shown with optional kick plate  
(options shown have additional cost)



### Options Available

yes	9 in. kick plate	yes	Pet door
yes	Custom sizes	yes	Pre-Hung kit
yes	Double door astragal	⊘	Push bar
yes	Handle color options	yes	Cloth upgrade

Extruded Aluminum  
Screen Door

**Features**

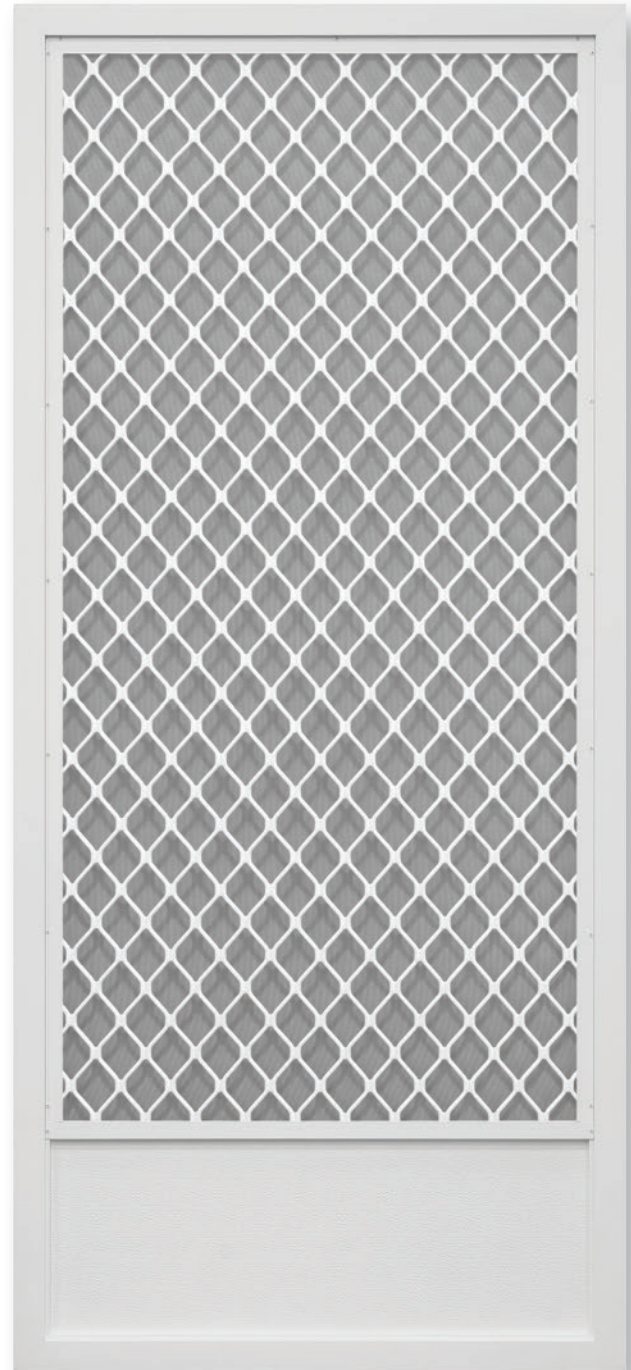
- 2-1/8 in. x 3/4 in. .050 Extruded aluminum frame
- Standard 12 in. embossed .024 aluminum kickplate
- Standard sizes only - **No custom sizes**  
2'6 in. x 6'8 in. (29-1/4 in. x 79-1/4 in.)  
2'8 in. x 6'8 in. (31-1/4 in. x 79-1/4 in.)  
3'0 in. x 6'8 in. (35-1/4 in. x 79-1/4 in.)
- Charcoal fiberglass insect screening
- Standard push button handle
- 1-7/8 in. .050 side adjustment channel  
3 hinges
- 1-7/8 in. .050 bottom adjustment channel
- Extruded amplimesh 3/16 in. aluminum grille

**Standard Finishes**

- Adobe, almond, bronze or white powder coated
- Satin anodized



Standard push button latch with touch and go closer included. See page 12 for finishes.



*Options Available*

- |   |  |
|---|--|
| <input type="checkbox"/> 9 in. kick plate     | <input type="checkbox"/> Pet door      |
| <input type="checkbox"/> Custom sizes         | <input type="checkbox"/> Pre-Hung kit  |
| <input type="checkbox"/> Double door astragal | <input type="checkbox"/> Push bar      |
| <input type="checkbox"/> Handle color options | <input type="checkbox"/> Cloth upgrade |

## Product Line - D3002

### Extruded Aluminum Screen Door



### Features

- 2-1/8 in. x 3/4 in. .050 Extruded aluminum frame
- Standard 12 in. embossed .024 aluminum kickplate
- Standard sizes  
2'6 in. x 6'8 in. (29-1/4 in. x 79-1/4 in.)  
2'8 in. x 6'8 in. (31-1/4 in. x 79-1/4 in.)  
3'0 in. x 6'8 in. (35-1/4 in. x 79-1/4 in.)
- Custom widths 24 in. up to 41-1/4 in., heights up to 110 in.

***Extra charges will apply for doors over 96" in height***

Charcoal fiberglass insect screening

- Standard push button handle
- 1-7/8 in. .050 side adjustable channel  
3 hinges
- 1-7/8 in. .050 bottom adjustment channel
- Extruded amplimesh 3/16 in. aluminum grille

### Standard Finishes

- Adobe, almond, bronze or white powder coated
- Satin anodized



Standard push button latch with touch and go closer included. See page 12 for finishes.

### Options Available

yes	9 in. kick plate	yes	Pet door
yes	Custom sizes	yes	Pre-Hung kit
yes	Double door astragal	⊘	Push bar
yes	Handle color options	yes	Cloth upgrade

## Features

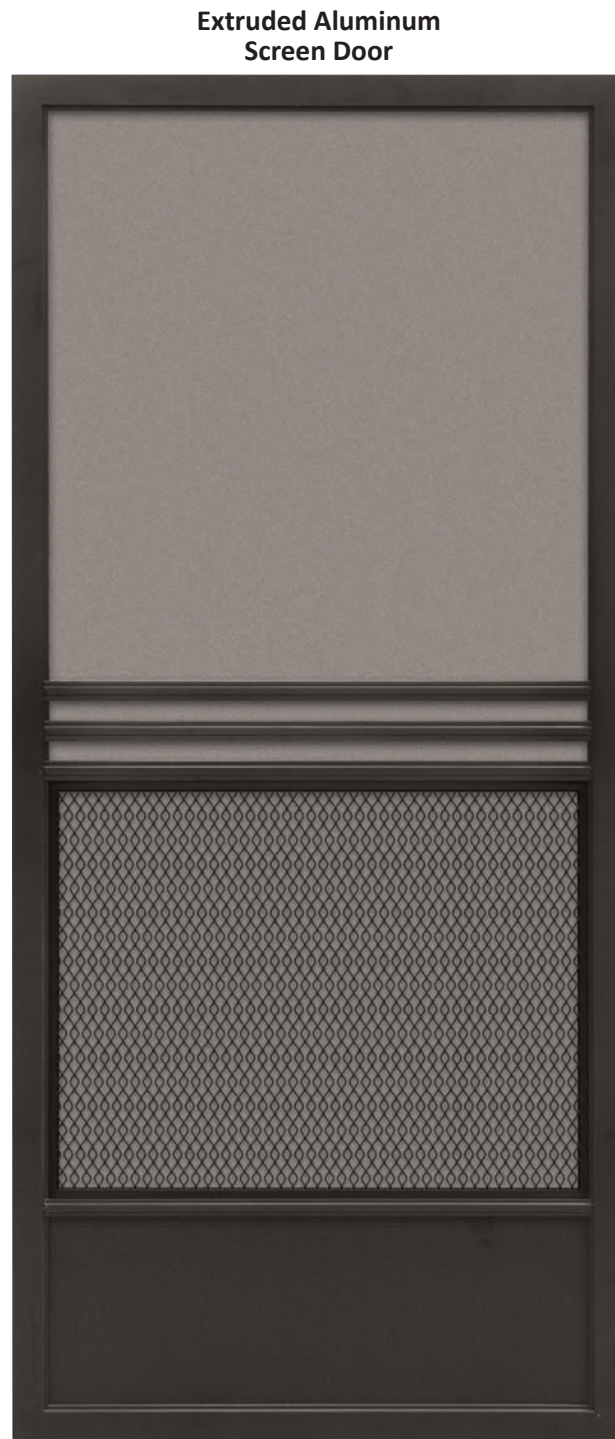
- 2-1/8 in. x 3/4 in. .050 Extruded aluminum frame, adjusts up to 1 in. wide and 1-3/4 in. high
- Standard 12 in. embossed .024 aluminum kickplate
- Standard sizes  
2'6 in. x 6'8 in. (29-1/4 in. x 79-1/4 in.)  
2'8 in. x 6'8 in. (31-1/4 in. x 79-1/4 in.)  
3'0 in. x 6'8 in. (35-1/4 in. x 79-1/4 in.)
- Custom widths 24 in. up to 47-7/8 in., heights up to 110 in.  
**Extra charges will apply for doors over 96" in height**
- Charcoal fiberglass insect screening
- Standard push button handle
- 1-7/8 in. .050 side adjustment channel  
3 hinges
- 1-7/8 in. .050 bottom adjustment channel
- Standard Fiesta expanded aluminum grille

## Standard Finishes

- Adobe, almond, black, bronze or white powder coated
- Bronze or satin anodized
- Mill



Fiesta with pet door installed  
(options shown have additional cost)



## Options Available

yes	9 in. kick plate	yes	Pet door
yes	Custom sizes	yes	Pre-Hung kit
yes	Double door astragal	yes	Push bar
yes	Handle color options	yes	Cloth upgrade

Product Line - D3002

Extruded Aluminum  
Screen Door



### Features

- 2-1/8 in. x 3/4 in. .050 Extruded aluminum frame
- Standard sizes  
2'6 in. x 6'8 in. (29-1/4 in. x 79-1/4 in.)  
2'8 in. x 6'8 in. (31-1/4 in. x 79-1/4 in.)  
3'0 in. x 6'8 in. (35-1/4 in. x 79-1/4 in.)
- Custom widths 24 in. up to 47-7/8 in., heights up to 110 in.  
Extra charges will apply for doors over 96 in. in height
- 1 in. wide sculptured 9 lite marginal grid pattern
- Charcoal fiberglass insect screening
- Standard push button handle
- 1-7/8 in. .050 side adjustable channel  
3 hinges
- 1-7/8 in. .050 bottom adjustment channel

### Standard Finishes

- Adobe, almond, black, bronze or white powder coated



Standard push button latch with touch and go closer included. See page 12 for finishes.



### Options Available

yes	9 in. kick plate	yes	Pet door
yes	Custom sizes	yes	Pre-Hung kit
yes	Double door astragal	⊘	Push bar
yes	Handle color options	yes	Cloth upgrade



## Features

- NEW, STRONGER 3 in. x 1 in. .062 Extruded Aluminum Frame.
- Solid Aluminum Spur Corners  
(4) Screws per Corner for Increased Security
- Extruded Amplimesh 1/4 in. Aluminum Centurion Grille
- 1-1/2 in. .050 Side Adjustable Channel with (3) Hinges
- 1-1/2 in. .050 Bottom Adjustment Channel
- Charcoal Fiberglass Insect Screening
- Heavy Duty Closer Included
- Solid Brass, Black Powder Coated Double Throw Deadbolt Assembly w/ Thumb Turn & Key Lock
- Thick Acrylic Lock Surround for Added Security
- Standard Sizes  
2'6 in. x 6'8 in. (29-1/4 in. x 79-1/2 in.)  
2'8 in. x 6'8 in. (31-1/4 in. x 79-1/2 in.)  
3'0 in. x 6'8 in. (35-1/4 in. x 79-1/2 in.)
- Custom Widths 24 in. up to 41-3/4 in., Heights up to 97-1/8 in.

### Must Specify Handing

## Standard Finishes

- Adobe, Almond, Bronze or White Powder Coated
- Bronze Anodized



Deadbolt Latch Assembly Included.

Extruded Aluminum Security Screen Door



## Options Available

- |   |                                   |
|---|-----------------------------------|
| <input type="checkbox"/> 9 in. kick plate     | <input type="checkbox"/> Pet door |
| yes Custom sizes                              | yes Pre-Hung kit                  |
| <input type="checkbox"/> Double door astragal | <input type="checkbox"/> Push bar |
| <input type="checkbox"/> Handle color options | yes Cloth upgrade                 |



## Economy Roll Form Steel

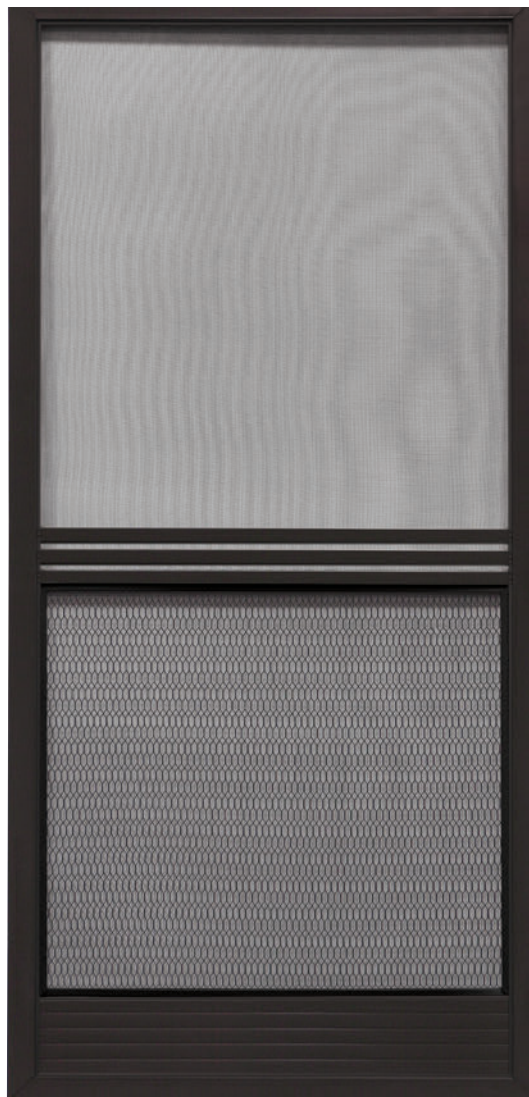
### Features

- 2 in. x 7/8 in. .016 Roll form steel frame
- Standard 5-1/4 in. kickplate
- Standard sizes only - **No custom sizes**  
2'8 in. x 6'8 in. (31-1/4 in. x 79-3/4 in.)  
3'0 in. x 6'8 in. (35-1/4 in. x 79-3/4 in.)
- Charcoal fiberglass insect screening
- Single push bar
- Standard push button handle
- 1 in. bottom channel adjustment for proper height adjustment

### Standard Finishes

Bronze, Gray or White

**Only sold in Packs of (4). Not sold individually.**



# SCREEN DOOR ACCESSORIES

Standard and deluxe series door hardware



## DESIGNER HARDWARE

Standard lever handle for our .062 in. aluminum extruded deluxe security doors

Finish	Part No.	Product Line
Black	2964BK	F3970

**Includes:** Inside and outside lever assembly, mortise lock, key cylinder, spindle, strike box, strike plate, screws and installation instructions.

The Designer hardware pack does not include a closer, but a standard hardware pack is included automatically with every swinging door purchase at no extra charge.



## STANDARD HARDWARE KIT PACK

For .050 in. extruded and roll form screen doors

Finish	Part No.	Product Line
Adobe	2090AD	F3320
Almond	2090AL	F3320
Black	2090BK	F3320
Bronze	2090BZ	F3320
Silver	2090SL	F3320
White	2090WH	F3320



Hardware Kit

**Note:** Color coordinated hardware pack is automatically included with screen door purchase.

**Includes:** Push button handle, inside latch, touch and go closer, bracket, screws and installation instructions.

See pages 11-14 for all available options choices.

**Note:** Not all options are available in every door style, see individual door pages for specific information.

# HINGED SCREEN DOOR

Custom options (add-ons) for extruded aluminum doors

Product Line D9999 for all options on this page

Option	Option Code	Description
<b>Frame</b>	OP-1PB-1	Install 1 each #288PB – 1-1/8 in. Extruded push bar
	OP-1PB-2	Install 2 each #288PB – 1-1/8 in. Extruded push bars
	OP-1PB-3	Install 3 each #288PB – 1-1/8 in. Extruded push bars
	OP-ADDKPLATE-9	Install a 9 in. kickplate in place of stock kickplate
	OP-ADDKPLATE-12	Install a 12 in. kickplate in place of stock kickplate
	OP-ADDKPLATE-20	Install a 20 in. kickplate in place of stock kickplate
	OP-SWSLOT4HNDL	Special placement security door lock (Centurion only)
<b>Handle</b>	2964xx	Add new designer hardware (extruded doors only)
<b>Hinge</b>	OP-ADDHINGE-1	Additional hinge to channel (special hinge placement on channel)
<b>Pre-hung frame for aluminum doors</b>	OP-PREHUNG	Available pre-installed on door only (available in satin, white, bronze, almond, adobe, & black)
<b>Pet door</b>	OP-PD-SWG-S	Install pet door centered – small
	OP-PD-SWG-M	Install pet door centered – medium
	OP-PD-SWG-L	Install pet door centered – large
	OP-PD-SWG-X	Install pet door centered – extra large
<b>Screen cloth</b>	OP-SC14CF	Charcoal fiber 18 in. x 14 in.
	OP-SC14GF	Gray fiber 18 in. x 14 in.
	OP-SC16BA	Brite aluminum 18 in. x 16 in.
	OP-SC16BV	Better view
	OP-SC16CF	Charcoal fiber 18 in. x 16 in. (Standard)
	OP-SC16GF	Gray fiber 18 in. x 16 in.
	OP-SCD	Delete screen cloth & spline, Door shell only
	OP-SCPSBK	Black petscreen
	OP-SCPSLBK	Black petscreen lite
	OP-SCSTBK	Black sun tex - 80%
	OP-SCSTGR	Gray sun tex - 80%
	OP-SCSTST	Stucco sun tex - 80%

*See price list for additional OP in. options*

# SCREEN DOOR ACCESSORIES

Double door kits

## ONE-PIECE SCREEN DOOR ASTRAGAL

Slide Bolt - 2891BK - Spring not included

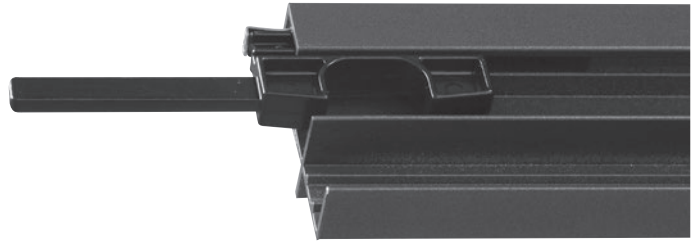
Spring - 2891-S

**Fits our extruded series screen doors only**

(Does not work with any other door in our line)

For ease of installation and enhanced visual appearance. Precision has designed a double door astragal system for screen doors.

- Slide bolts are self contained and hidden from view. (Internal slide bolt 2891, 2891-S)
- Simple installation
- No unsightly slide bolts to install separately.
- Easy for the installer



Finish	Product Line	Product Line	
		Size - (84 in.)	Size - (96 in.)
Adobe	F3950	2920AD	2921AD
Almond	F3950	2920AL	2921AL
Black	F3950	2920BK	2921BK
Bronze	F3950	2920BZ	2921BZ
Bronze anodized	F3950	2920BA	2921BA
Satin anodized	F3950	2920SA	2921SA
White	F3950	2920WH	2921WH



# SCREEN DOOR ACCESSORIES

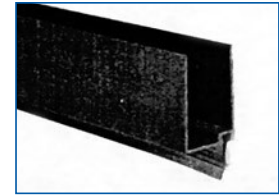
Bottom adjustment & hinge adjustment channels

**B.A.C.**= Bottom Adjustment Channel  
**H.S.A.C.**= Hinge Side Adjustment Channel (comes standard with 3 hinges)

Finish	Product Line	Bottom channel 36 in. (BAC)	Hinge channel (HSAC) 81 in.	96 in.
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## Extruded Aluminum Doors

Adobe	F3320	2036AD	2041AD	2076AD
Almond	F3320	2036AL	2041AL	2076AL
Black	F3320	2036BK	2041BK	2076BK
Bronze	F3320	2036BZ	2041BZ	2076BZ
Bronze Anodized	F3320	2036BA	2041BA	2076BA
Satin Anodized	F3320	2036SA	2041SA	2076SA
White	F3320	2036WH	2041WH	2076WH



Extruded aluminum bottom adjustment channel with sweep

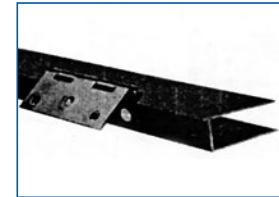
## Extruded Aluminum Security Doors

Bronze	F3970	2946BZ	2953BZ
White	F3970	2946WH	2953WH

<b>Black Vinyl Sweep</b>	F3320	2975BK-750
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## Screen Door Hinge

Adobe	F3850	2175AD
Almond	F3850	2175AL
Bronze	F3850	2175BZ
White	F3850	2175WH

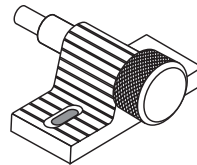


Extruded aluminum hinge side adjustment channel

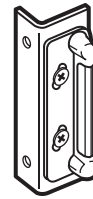
## DOUBLE SCREEN DOOR KITS

Fits all extruded & roll form screen doors

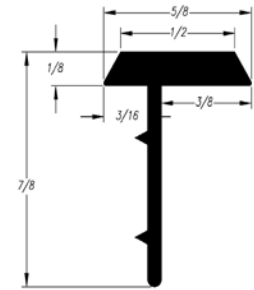
Finish	Product Line	Size - (84 in.)	Size - (96 in.)
Adobe	F3950	2911AD-84	2912AD-96
Almond	F3950	2911AL-84	2912AL-96
Black	F3950	2911BK-84	2912BK-96
Bronze	F3950	2911BZ-84	2912BZ-96
Bronze anodized	F3950	2911BA-84	2912BA-96
Satin anodized	F3950	2911SA-84	2912SA-96
White	F3950	2911WH-84	2912WH-96



Slide bolt



Strike



Actual size

### Kit Includes:

- 1 Extruded astragal with screws
- 1 Special strike with shim
- 2 #2890 Slide-bolts (black only)
- 1 Instruction sheet

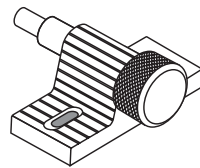
## DOUBLE SECURITY SCREEN DOOR KITS

Fits Centurion

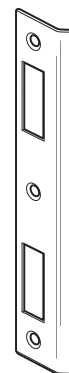
Finish	Product Line	Size - (84 in.)	Size - (96 in.)
Bronze	F3950	2976BZ-84	2981BZ-96
White	F3950	2976WH-84	2981WH-96

### Kit Includes:

- 1 Extruded astragal with screws
- 1 Double door strike plate (brass)
- 2 #2890 Slide-bolts (black only)
- 1 Instruction sheet

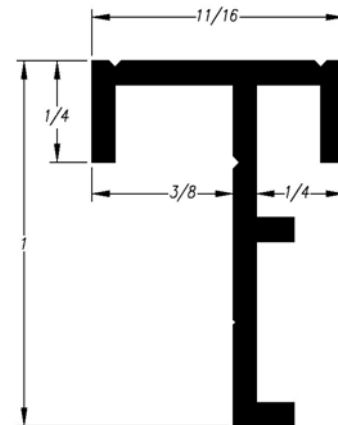


Slide bolt



French door strike plate

### For Security Doors



Security door "T" - astragal

# SWINGING SCREEN DOOR WORKSHEET

Use this worksheet to help your customer in measuring and selecting their door

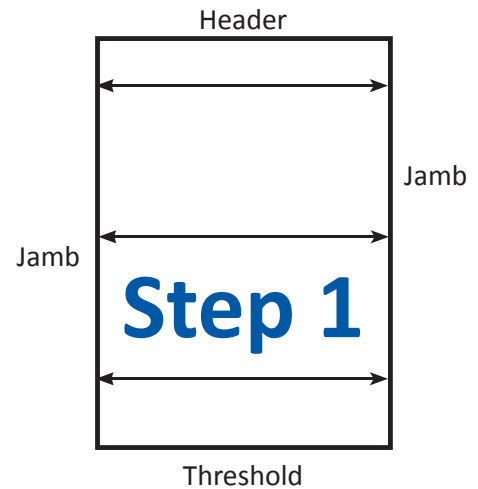
Phone (909) 379-0123

Customer Name \_\_\_\_\_

Job Name/PO# \_\_\_\_\_

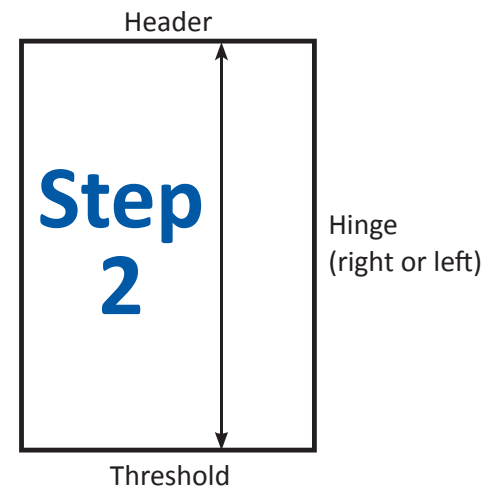
## Step 1

- Width Always First
- Measure opening width, inside jamb to inside jamb at three places (top, middle & bottom)
- Always in inches
- Always outside house looking in
- Take the largest of the three measurements



## Step 2

- Measure opening height from threshold to header (inside to inside)
- Always in inches
- Always outside looking in



## Step 3

- Measured Width \_\_\_\_\_ - 3/4 in. = \_\_\_\_\_ Net Size
- Measured Height \_\_\_\_\_ - 3/4 in. = \_\_\_\_\_ Net Size

## Step 4

- Select Door, Color and Options
- If Pre-Hung frame needed specify hinge side (Right or Left) *(from outside looking in)*

# DOOR SIZING CHART

Aluminum and Heavy Duty Steel Swinging Screen Doors

Door Series		DOOR WIDTH			NET DOOR HEIGHT		
		Net door width	With hinge channel collapsed	With hinge channel extended	Without bottom channel	With bottom channel collapsed	With bottom channel extended
Aluminum Security Door <i>Centurion</i>	(36 in.) 3/0=	35-1/4 in.	35-1/2 in.	36-1/4 in.	79-1/2 in.	79-3/4 in.	80-3/4 in.
	(32 in.) 2/8=	31-1/4 in.	31-1/2 in.	32-1/4 in.	79-1/2 in.	79-3/4 in.	80-3/4 in.
	(30 in.) 2/6=	29-1/4 in.	29-1/2 in.	30-1/4 in.	79-1/2 in.	79-3/4 in.	80-3/4 in.
Extruded Aluminum <i>Brighton, Fiesta, Safeguard, Santa Cruz, Santa Cruz Full Grille, Colnade, Clearview</i>	(36 in.) 3/0=	35-1/4 in.	35-1/2 in.	36-1/2 in.	79-1/4 in.	79-1/2 in.	80-5/8 in.
	(32 in.) 2/8=	31-1/4 in.	31-1/2 in.	32-1/2 in.	79-1/4 in.	79-1/2 in.	80-5/8 in.
	(30 in.) 2/6=	29-1/4 in.	29-1/2 in.	30-1/2 in.	79-1/4 in.	79-1/2 in.	80-5/8 in.
Roll Form Steel <i>Provincial</i>	(36 in.) 3/0=	35-1/8 in.	35-1/2 in.	36-3/8 in.	79-3/4 in.	79-3/4 in.	81 in.
	(32 in.) 2/8=	31-1/8 in.	31-1/2 in.	32-3/8 in.	79-3/4 in.	79-3/4 in.	81 in.

