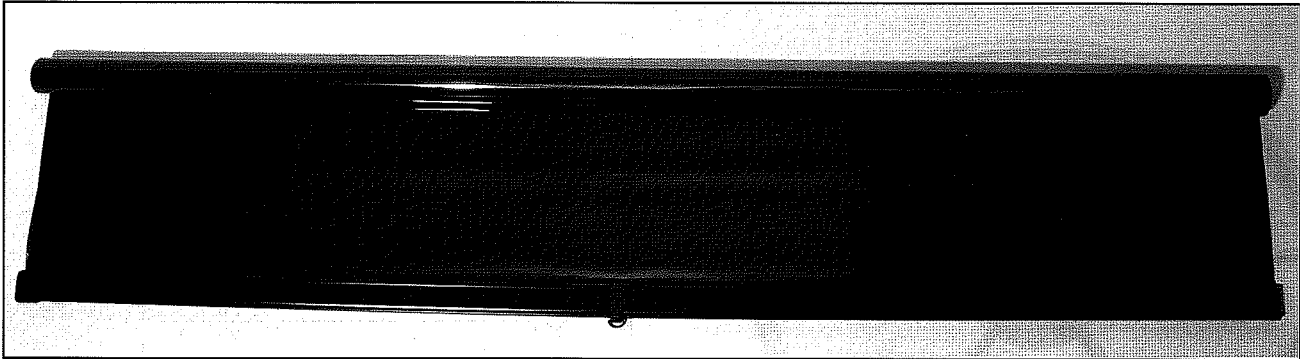




Pilot House Shades

Pilot House Shades



STOP DAMAGING RAYS CONTROL FADE AND GLARE REDUCE ENERGY CONSUMPTION

80% of electrical energy used for cooling and heating is wasted! Substantial energy is literally thrown out the window through summer heat gain or winter heat radiation loss.

Summer – Pilot House Shades reject solar energy, eliminating hot spots and providing balanced comfort throughout the area.

Winter – Pilot House Shades' reflective qualities make interiors more comfortable by reflecting back into the room much of the radiant heat that would be lost through windows.

Free Heating – Raise your shades to take advantage of solar energy.

Immediate Protection On Demand – Lower your Pilot House Shades during hot periods for instant relief from the sun's intense heat, blinding glare and costly fade.

WINDOW SHADE MEASUREMENTS

Accurate measurements are important in order to get Pilot House Shades that are right for your application. To assure accurate fit, please follow these instructions carefully.

1. Specify Bracket Placement

Specify whether the shades will be mounted inside frame, outside frame or on the ceiling. (See illustrations on page 647.)

2. Allow for Overlap

Ideally, the shade should overlap the window opening onto the frame by two inches on either side. (May not be possible with inside frame mounting.)

3. Safety Margin

A safety margin of 10" to 12" will be automatically added to the specified length to allow for "rollover" and avoid tearing.

WIDTH MEASUREMENT

Inside Mount – Measure the width from one inside frame to the other.

Outside Mount – Mark the position where brackets will be placed and measure the distance between marks.

Ceiling Mount – Mark position where brackets will be placed and measure the distance between marks.

LENGTH MEASUREMENT

Inside or Outside Mount – Measure the window opening from the top frame to lower sill.

Ceiling Mount – Measure the length between the ceiling and the lower sill.

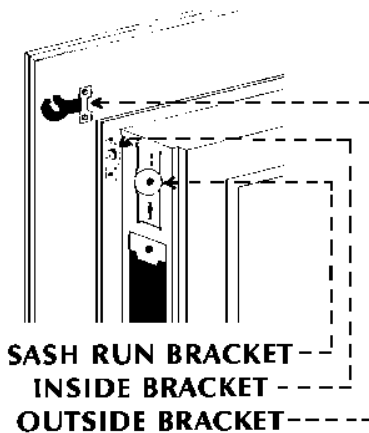
Pilot House Shade Measuring Instructions

Measuring Instructions

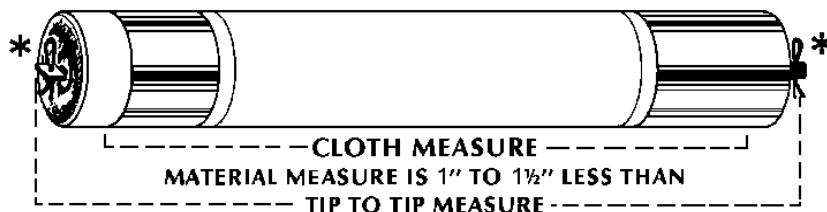
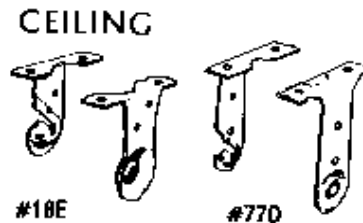
Determine:

1. Type of Roller: spring operated (wood or metal), or bead and chain operated.
2. If not specified otherwise material will roll toward the glass.
3. Select bracket locations and type of bracket to be used. (outside, inside, ceiling, etc.)
4. What extra hardware is needed? Factory always includes plated #8 self tapping one inch metal screws.
5. State for each shade is commercial or residential to insure proper label. (If left unspecified, residential label will be used, this minimizes free dealer advertising.)

Spring Operated Rollers



Where to measure basic types of brackets for spring operated rollers.



Roller diameter will be supplied as indicated in the Color Code of price charts, unless specified otherwise.
Utilize cotter keys and end pins whenever possible. (Metal rollers only).



1074 Kenran Industrial Dr.
 St. Louis, MO 63137
 Phone: 1-800-381-9968

Shade Measuring Instructions

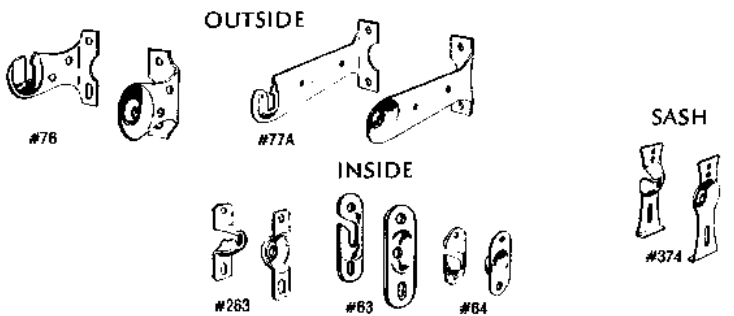
Measuring Instructions

Standard Brackets

Bracket Number	Bracket Position	Roller Type
76/18	Outside	1" to 1 1/4" wood or metal
77 A	Outside	1 1/2" to 1 3/4" metal
263 (63)	Inside	1" to 1 1/4" wood or metal
64	Inside	1 1/2" to 1 3/4" metal
18 E	Ceiling	1" to 1 1/4" wood or metal
77 D	Ceiling	1 1/2" to 1 3/4" metal
374	Inside (Sash)	1" to 1/4"
99 A	Inside, Outside, Ceiling	1 1/8" or 1 1/4"
99 B	Inside, Outside, Ceiling	1 1/2" or 1 3/4"
Rollease Brackets & Retainer or Bracket Cover		1 1/4" or 1 1/2" Rollease Roller

Other available: Outside - #276, #276 A, #77 Ceiling - #77C, #205
 Special Brackets Footless - #62 F, #76F Reverse - #76 R, #63 R Bottom-Up - #376

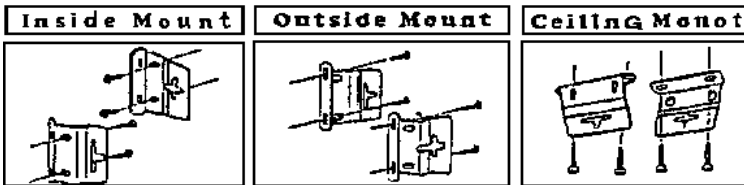
Brackets included with each custom made shade.



Minimum "Tip" Widths for Shades with Spring Rollers (Before cutting into spring).

1 1/4" wood	20"
1 1/4" metal	24"

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Very narrow widths should use the "Rollease" Bead - & - Chain rollers.

1" wood	14"
1 1/8" wood	15"

Widths narrower often use "Removable Panels" with "Velcro" onto "K-Bars" etc.

1 1/2" metal	27"
1 3/4" metal	30"