

# Roller Shade Measuring & Ordering Instructions

## Selecting the Type of Mounting:

Determine whether the blind is going to be installed inside the window frame or outside the window frame.

### Inside Mount (IB):

#### Measuring the Width and the Length for Inside Mount:

For the width, measure across the top, middle, and bottom of the window opening. Using the narrowest dimension, measure to the nearest 1/8". By using the narrowest measurement the shade will operate correctly.

For the length, measure the up and down dimension on the left, center, and right side. Use the longest length measurement, measuring to the nearest 1/8".

The factory will make any appropriate deductions. Do not make any width deductions.

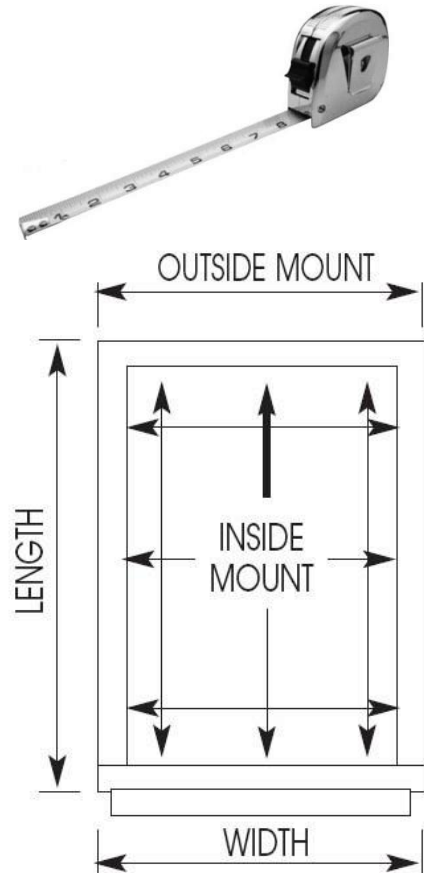
### Outside Mount (OB):

Outside mount installations are mounted on the wall or on the window molding. It is best to overlap the window opening at least 3/4" on each side when measuring for roller shades.

#### Measuring the Width and the Length for Outside Mount:

Measure the area that the shade is to cover. For roller shades it is recommended to overlap the window opening by at least 3/4" on each side for a total of 1 1/2". To allow for enough space for the mounting brackets and to cover the bottom of the window, the suggested overlap for a roller shade depends on the size of the shade and the valance option if required. If the window opening has a sill, measure from where the top of the shade will be located to the top of the window sill.

*Note: When outside mount blinds are specified, no factory deductions are taken from the bracket to bracket measurement. There will be a fabric deduction as outlined on page 2.*



### Confirming Measurements:

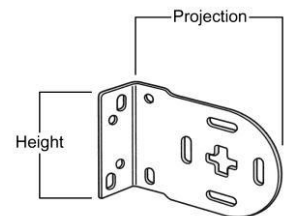
The most common error in ordering blinds is reversing the width and the length measurements. Always confirm that the width is the measurement that goes across from left to right and that the length is the measurement that goes from top to bottom.

### Clutch & Bracket Selection:

To determine the clutch and bracket size used by the factory for a specific shade, refer to the **Manual Clutch Fabrication Chart** at the end of the roller shade section of the suggested retail price book.

#### Bracket Dimensions:

| Clutch & Bracket Used      | Ceiling Mount Installation |        | Wall Mount Installation |        |
|----------------------------|----------------------------|--------|-------------------------|--------|
|                            | Projection                 | Height | Projection              | Height |
| 1 1/4" M8 Clutch Bracket   | 1 7/8"                     | 2 3/8" | 2 3/8"                  | 1 7/8" |
| 1 1/2" M16 Clutch Bracket  | 2 7/8"                     | 2 5/8" | 2 5/8"                  | 2 7/8" |
| 1 3/4" M24 Clutch Bracket  | 3 1/4"                     | 3"     | 3"                      | 3 1/4" |
| 3" Fascia M-Series Bracket | 3"                         | 3"     | 3"                      | 3"     |
| 4" Fascia M-Series Bracket | 4"                         | 4"     | 4"                      | 4"     |
| Standard Motor Bracket     | 2 1/2"                     | 2 7/8" | 2 7/8"                  | 2 1/2" |
| Platinum Clutch Bracket    | 3"                         | 3 3/4" | 3 1/4"                  | 3 3/4" |



Bracket Shown as used in Wall Mount Installation

### Estimated Shade Roll-Up Diameters:

Refer to the chart below to calculate the approximate roll-up diameter for the given shade drops.

| Shade Drop | Clutch Shade with 1 1/2" Tube | Clutch Shade with 1 3/4" Tube | Shade Drop | Motorized Shade with 2 1/2" Tube | Motorized Shade with 3" Tube |
|------------|-------------------------------|-------------------------------|------------|----------------------------------|------------------------------|
| 60"        | ±2.250"                       | ±2.500"                       | 60"        | ±3.125"                          | ±4.000"                      |
| 72"        | ±2.375"                       | ±2.625"                       | 96"        | ±3.250"                          | ±4.125"                      |
| 84"        | ±2.500"                       | ±2.750"                       | 120"       | ±3.500"                          | ±4.250"                      |
| 96"        | ±2.625"                       | ±2.875"                       | 144"       | ±3.625"                          | ±4.375"                      |
| 120"       | ±2.750"                       | ±3.000"                       | 168"       | ±3.750"                          | ±4.500"                      |
| 132"       | ±2.875"                       | ±3.125"                       | 192"       | ±3.875"                          | ±4.625"                      |
| 144"       | ±3.000"                       | ±3.250"                       | 216"       | ±4.000"                          | ±4.750"                      |
| 156"       | ±3.250"                       | ±3.500"                       | 240"       | ±4.250"                          | ±5.000"                      |

## Critical Information:

### Shade Cloth Deductions & Light Gap: (All Measurements provided should be Bracket to Bracket!)

It is extremely important to note when measuring for roller shades that the actual fabric width of the shade will be less than the window measurement provided. To allow for the space that shade brackets, clutch or motor, and idler end take up, the factory must make a deduction so that the finished measurement or *bracket to bracket measurement* of the shade fits into the width dimension provided by the customer. Please note the below deductions taken by the factory on all shades.

**Inside Mount Deduction:** An additional 1/4" deduction will be taken for shades with fascia ordered as an inside mount

|  | Deductions | Explanation  |
|--|------------|--|
| M-Series Clutch                            | 1 1/4"     | The fabric width measurement will be 1 1/4" less than the ordered width. |
| Spring Loaded Shades                       | 1 1/4"     | The Fabric width measurement will be 1 1/4" less than the ordered width. |
| Platinum Series Clutch                     | 1 3/8"     | The fabric width measurement will be 1 3/8" less than the ordered width  |
| Battery (LT30) or Low Voltage Motor (ST30) | 1 1/4"     | The fabric width measurement will be 1 1/4" less than the ordered width. |
| AC Hardwire Plug-In Motor (LT50 & ST50)    | 1 7/8"     | The fabric width measurement will be 1 7/8" less than the ordered width. |

**Please Note:** When shades with a Fascia are ordered inside mount, an addition 1/4" deduction will be taken for the fabric width.

**Please Note:** When shades with a Pocket "L" Fascia are ordered inside mount, an addition 3/8" deduction will be taken for the fabric width.

### Shade Measurements: (Critical Note!)

**Specify bracket to bracket width measurements for all roller shade orders.** Do not provide fabric width measurements. If a specific shade cloth width is required, please refer to the list of shade cloth deductions above and add the required amount to the fabric width.

### Fabric Telescoping & Tracking:

Roller shades that exceed a 3-to-1 length to width ratio where the shade is more that 3 times longer than it is wide, may have problems tracking or rolling up straight. This tracking problem, commonly referred to as *telescoping* is an inherent characteristic of roller shade fabrics and should be explained to the end user.

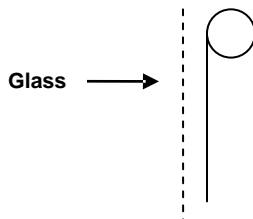
### Railroading & Fabric Seams:

In order to make a shade that is wider than the width of the roll, the fabric will be *railroaded* or turned sideways and cut to the width of the shade. In cases where the shade is wider and longer than the width of the fabric roll, a second piece of fabric will be cut and welded or *spliced* to the first fabric piece. This weld, which secures the two pieces of fabric together, creates a visible seam. When a *splice* is required, the factory will place the seam as high on the shade as possible. If a custom *splice* location is desired, please specify the seam location *from the bottom of the shade up*. Please allow  $\pm 1/2$ " tolerance when custom seam locations are requested.

## Roll Direction: Regular Roll or Reverse Roll?

### Regular Roll:

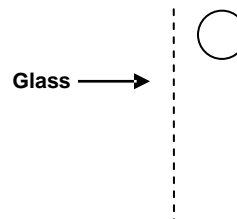
Regular roll shades indicate when the shade fabric rolls off of the back of the roller tube. The shade cloth will be closest to the window with this option.



Regular roll shades are industry standard and yield the highest levels of energy conservation because of the shade's close proximity to the glass.

### Reverse Roll:

Reverse roll shades indicate when the shade fabric rolls off of the front of the roller tube. The shade cloth will be furthest away from the window with this option.



Reverse roll shades are most commonly used for the following applications:

- To avoid a window obstruction (door handle, etc.)
- To reduce light gap for corner or bay windows
- Fascia is not available with Reverse Roll