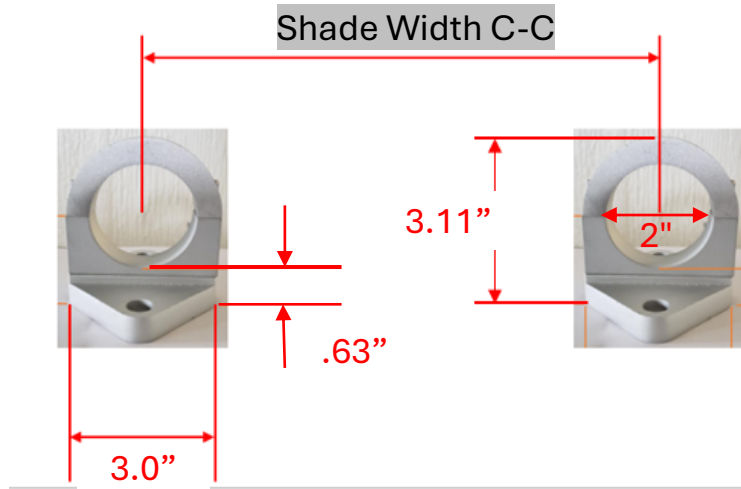
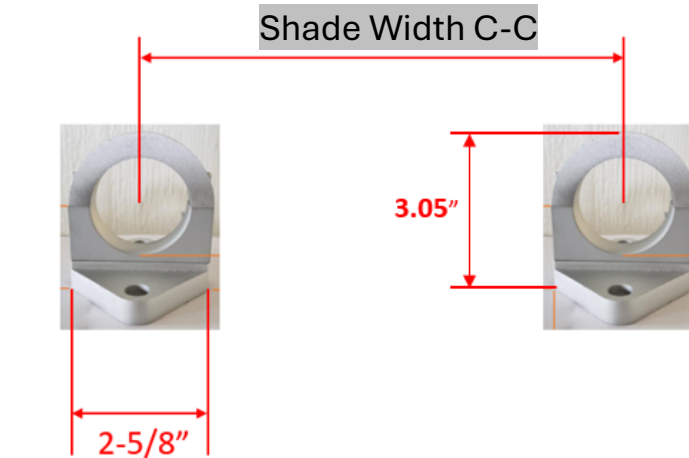


How To Measure The Shade Width For Boats With A Hardtop Or Soft-Top (Center Console, Cabin Boats, Walk-Around, Dual Console, Bow Rider)

- You will need a tape measure and painter's tape
- Painter's tape will help hold the tape in place if you don't have a 2nd person to hold the tape
- Mounting Bracket General Dimensions are shown below

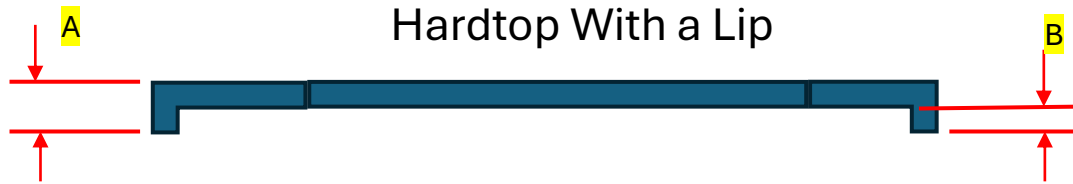


STAINLESS SHADE



ALUMINUM SHADE

HOW TO MEASURE THE THICKNESS OF YOUR HARDTOP

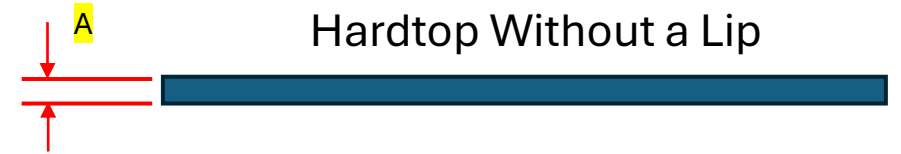


Hardtop With a Lip

1. Measure dimension A
2. Measure dimension B
3. Subtract B from A, this is the thickness of your hardtop
4. The hardtop thickness will determine the length of the hardtop bolt you need to install the shade
5. See Figure 1



Figure 1



Hardtop Without a Lip

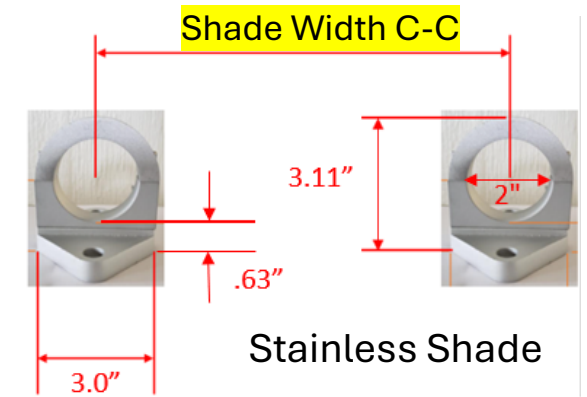
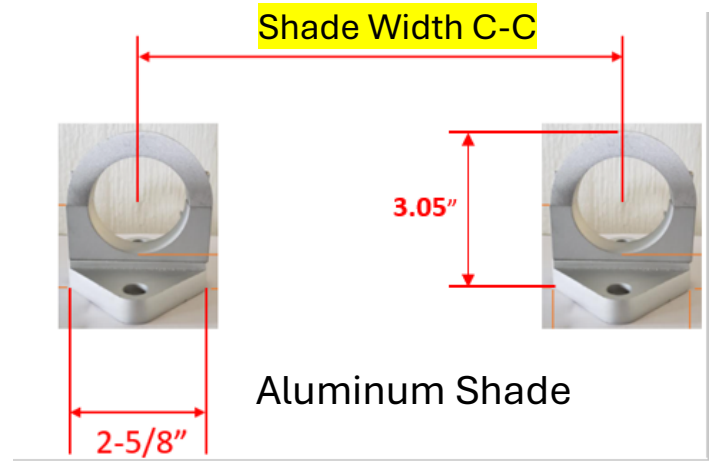
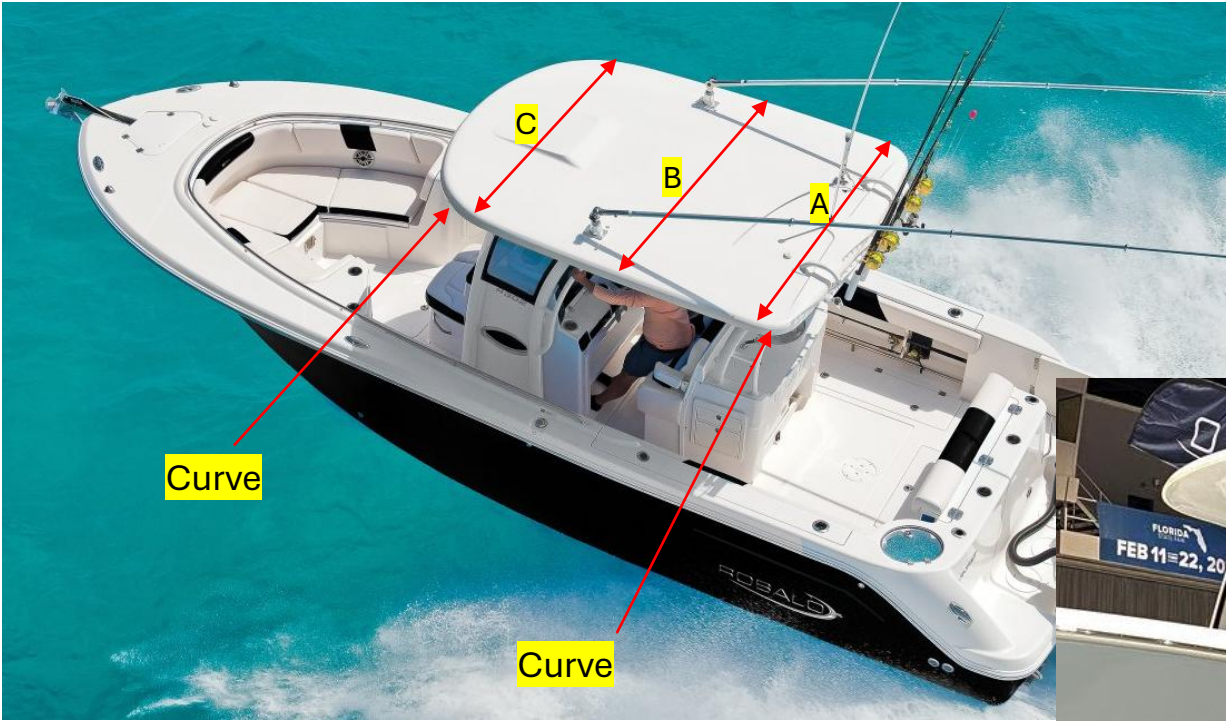
1. Measure dimension A. This is the thickness of your hardtop
2. See Figure 2



Figure 2

Example 1

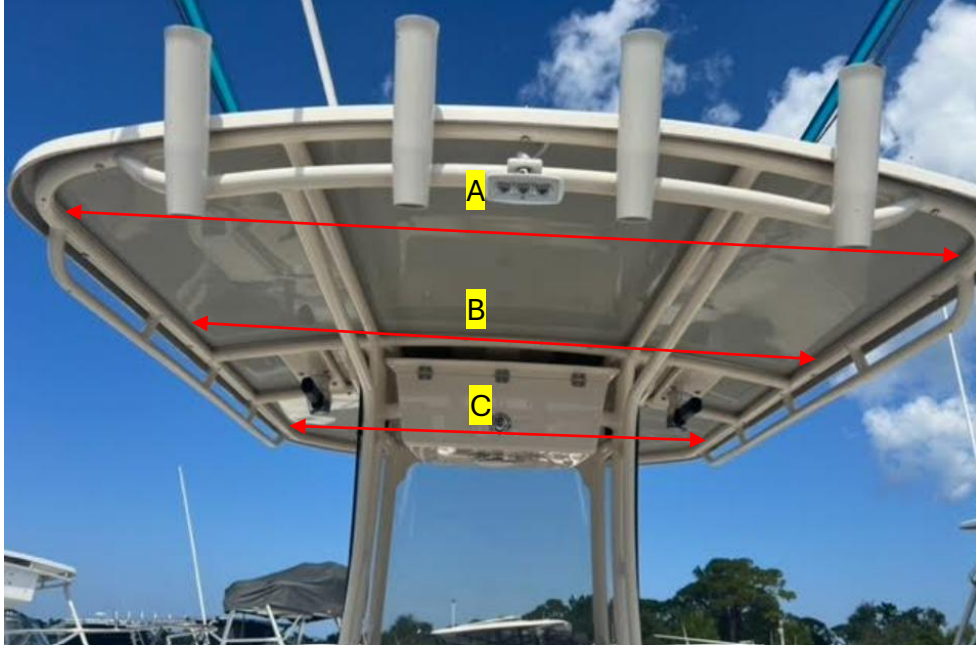
HARDTOP Center Console



1. Measure the dimension A, B, C. This is the Outside to Outside dimension of the hardtop. A=back (before the curve), B=middle, C=front (before the curve)
2. Measure the thickness of the hardtop. See Page 2
3. For Aluminum Shade
 1. For BOW shade, use the lesser of B and C, subtract 5" and this is your shade width c-c (Center to Center)
 2. For STERN shade, use the lesser of A and B, subtract 5" and this is the shade width c-c (Center to Center)
4. For Stainless Shade
 1. For BOW shade, use the lesser of B and C, subtract 6" and this is your shade width c-c (Center to Center)
 2. For STERN shade, use the lesser of A and B, subtract 6" and this is the shade width c-c (Center to Center)

Example 2

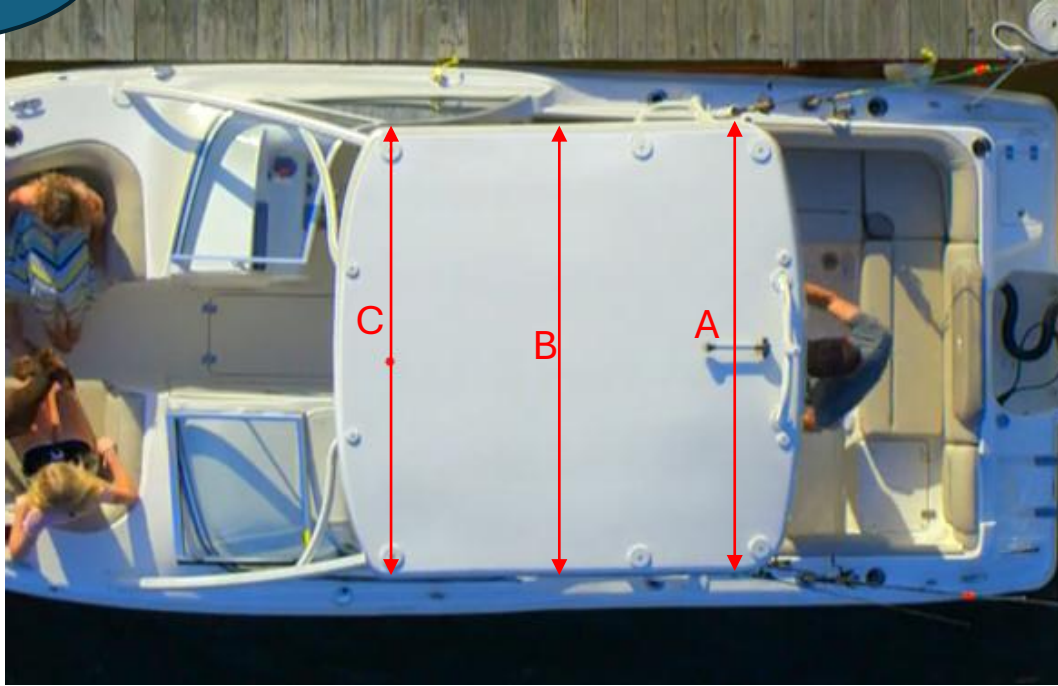
HARDTOP Center Console



1. Measure the dimension A, B, C. This is the distance between the tubes. A=back (before the curve), B=middle, C=front (before the curve)
2. Measure the thickness of the hardtop. See Page 2
3. For Aluminum Shade
 1. For BOW shade, use the lesser of B and C, subtract 4" and this is your shade width c-c (Center to Center)
 2. For STERN shade, use the lesser of A and B, subtract 4" and this is the shade width c-c (Center to Center)
4. For Stainless Shade
 1. For BOW shade, use the lesser of B and C, subtract 5" and this is your shade width c-c (Center to Center)
 2. For STERN shade, use the lesser of A and B, subtract 5" and this is the shade width c-c (Center to Center)

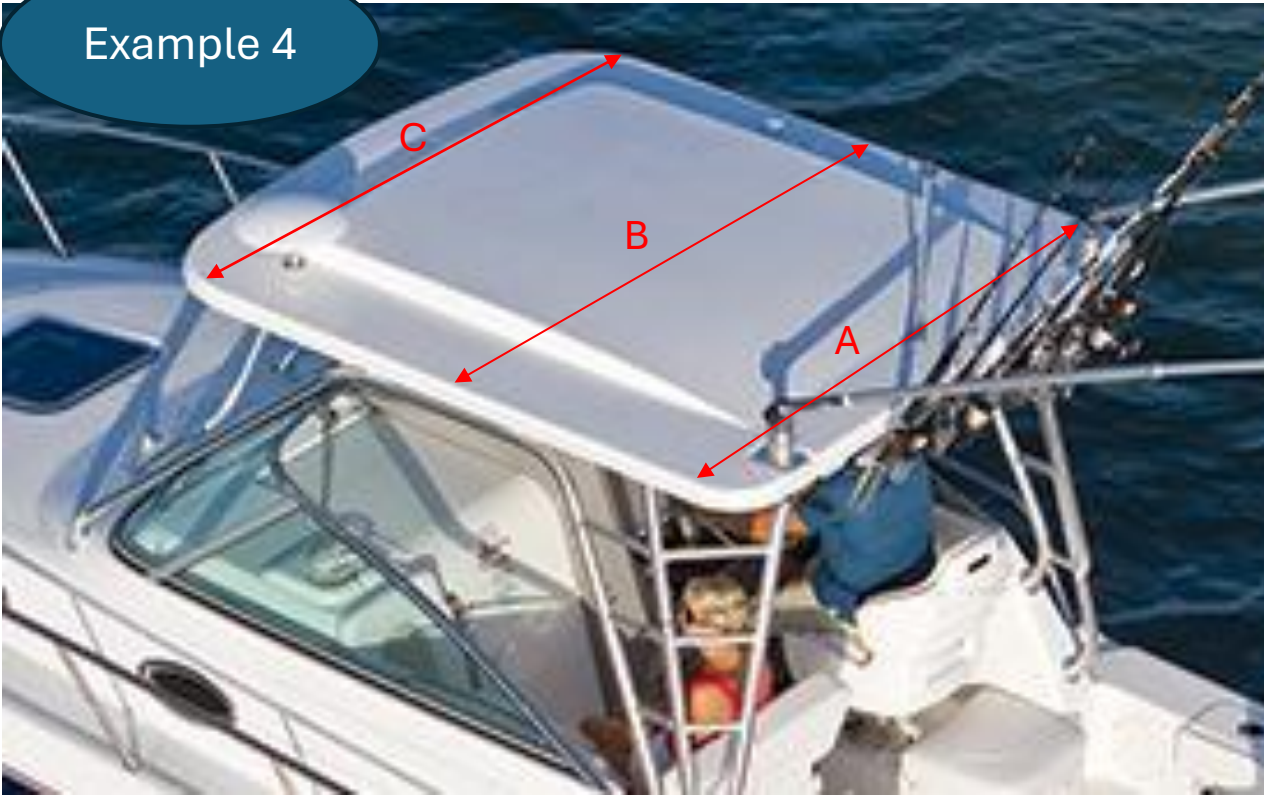
Example 3

HARDTOP Dual Console



1. Measure the dimension A, B, C. This is the Outside to Outside dimension of the hardtop. A=back (before the curve), B=middle, C=front (before the curve)
2. Measure the thickness of the hardtop. See Page 2
3. For Aluminum Shade
 1. For BOW shade, use the lesser of B and C, subtract 5" and this is your shade width c-c (Center to Center)
 2. For STERN shade, use the lesser of A and B, subtract 5" and this is the shade width c-c (Center to Center)
4. For Stainless Shade
 1. For BOW shade, use the less of B and C, subtract 6" and this is your shade width c-c (Center to Center)
 2. For STERN shade, use the lesser of A and B, subtract 6" and this is the shade width c-c (Center to Center)

Example 4



HARDTOP Walk-Around



Light or speaker housing does not allow for an under mount. Top Mount Only.

1. Measure the dimension A, B, C. This is the Outside to Outside dimension of the hardtop. A=back (before the curve), B=middle, C=front (before the curve)
2. Measure the thickness of the hardtop. See Page 2
3. Measure dimension D
4. For Aluminum Shade
 1. For BOW shade, use the lesser of B and C, subtract 5" and this is your shade width c-c (Center to Center)
 2. For STERN shade, use the lesser of A and B, subtract 5" and this is the shade width c-c (Center to Center)
5. For Stainless Shade
 1. For BOW shade, use the less of B and C, subtract 6" and this is your shade width c-c (Center to Center)
 2. For STERN shade, use the lesser of A and B, subtract 6" and this is the shade width c-c (Center to Center)

Example 5

HARD TOP Bow Rider

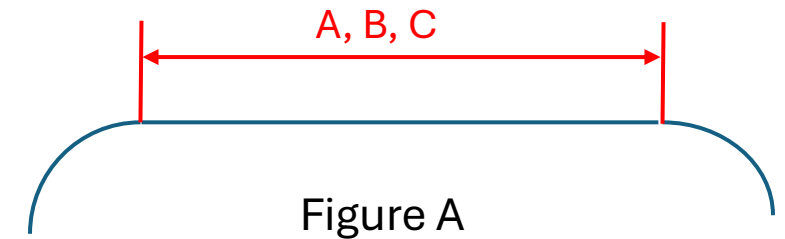
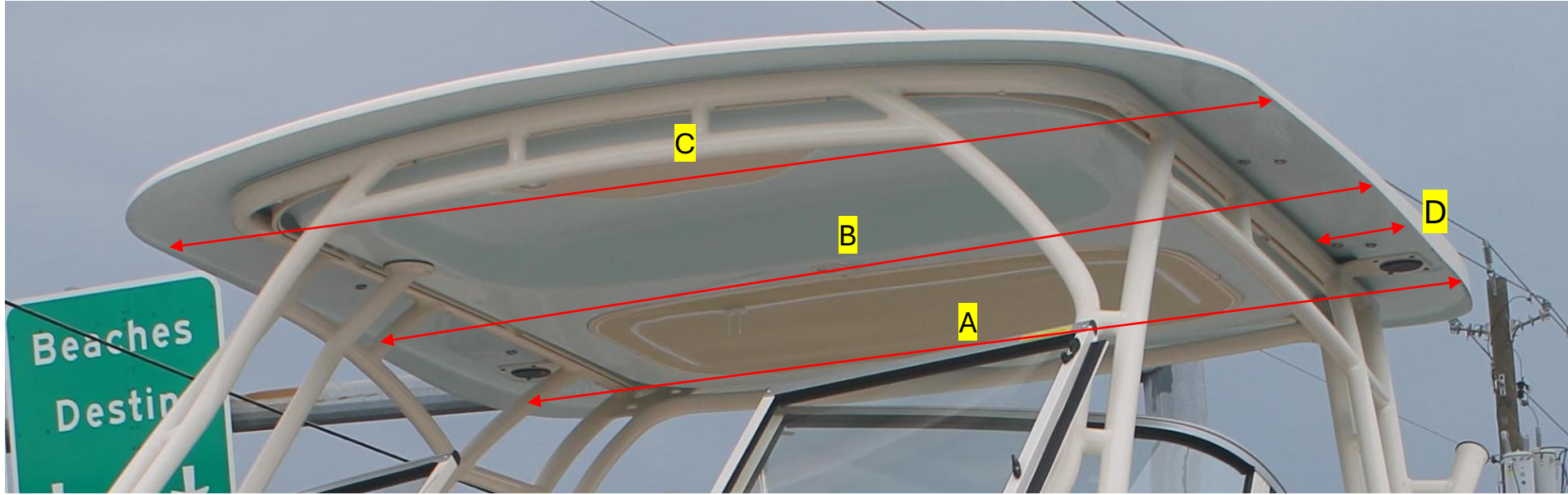


Figure A

1. Measure distances A, B and C. This is the distance to the line right before the hardtop curves down. See Figure A
2. Measure the thickness of the hardtop. See Page 2
3. For Aluminum Shade
 1. For BOW shade, use the lesser of B and C, subtract 4" and this is your shade width c-c (Center to Center)
 2. For STERN shade, use the lesser of A and B, subtract 4" and this is the shade width c-c (Center to Center)
4. For Stainless Shade
 1. For BOW shade, use the lesser of B and C, subtract 5" and this is your shade width c-c (Center to Center)
 2. For STERN shade, use the lesser of A and B, subtract 5" and this is the shade width c-c (Center to Center)

Example 6

HARD TOP Dual Console



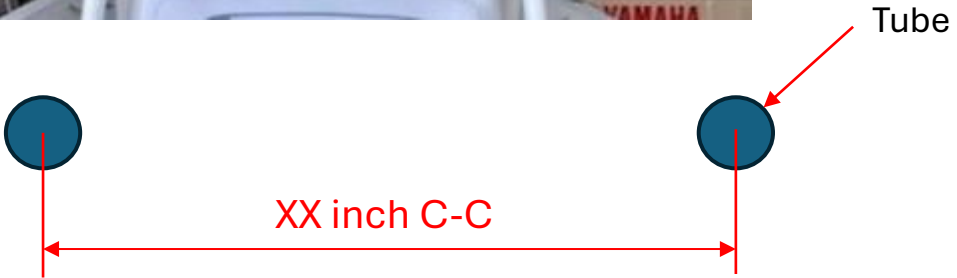
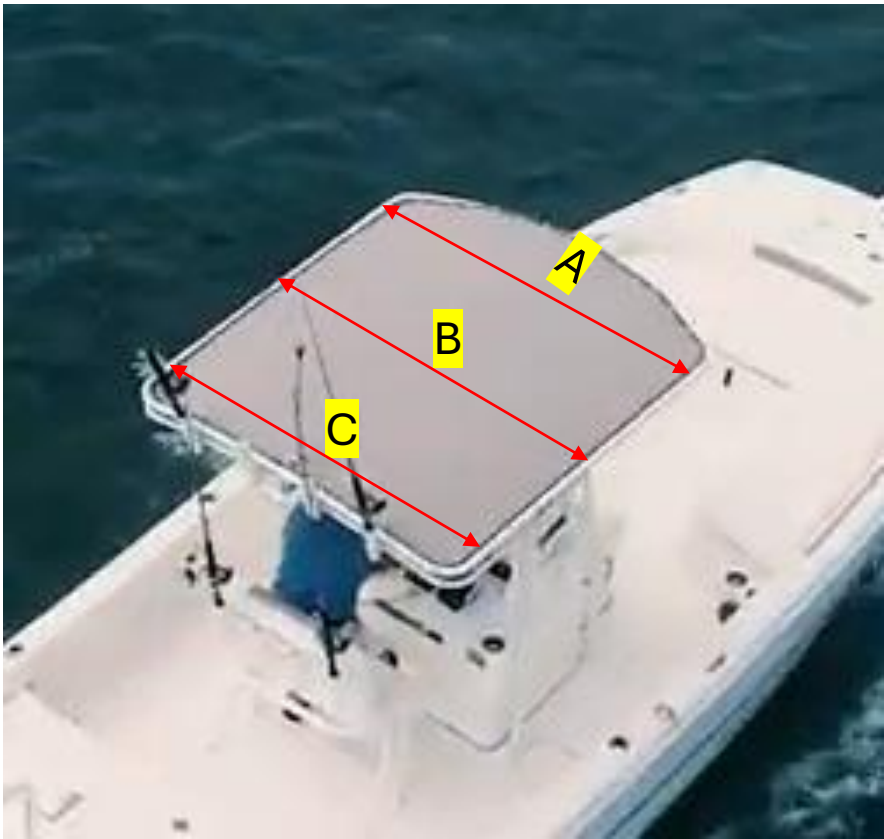
1. Measure the dimension A, B, C. This is the Outside to Outside dimension of the hardtop. A=back (before the curve), B=middle, C=front (before the curve)
2. Measure the thickness of the hardtop. See Page 2
3. Measure dimension D
4. For Aluminum Shade
 1. For BOW shade, use the lesser of B and C, subtract 5" and this is your shade width c-c (Center to Center)
 2. For STERN shade, use the lesser of A and B, subtract 5" and this is the shade width c-c (Center to Center)
5. For Stainless Shade
 1. For BOW shade, use the lesser of B and C, subtract 6" and this is your shade width c-c (Center to Center)
 2. For STERN shade, use the lesser of A and B, subtract 6" and this is the shade width c-c (Center to Center)

SOFT-TOP Canvas Top

Example 7

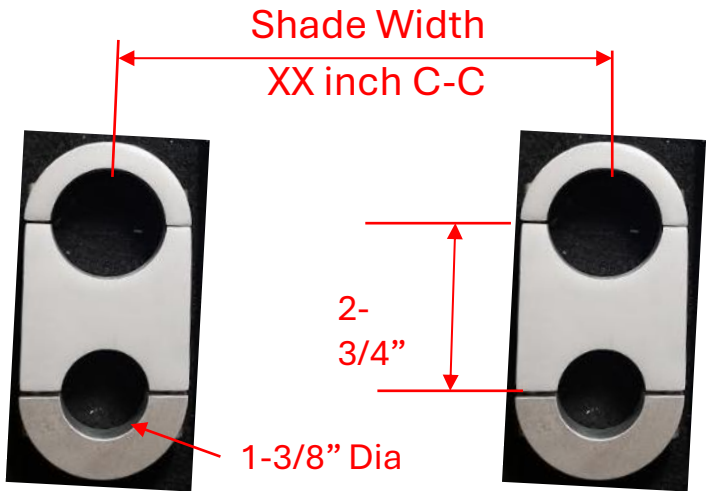


Tube Diameter



Tube

1. Measure dimensions A, B, C. Center of tube to center of tube.
2. If all dimensions are basically the same (+/-) 1/2", this is OK.
3. Measure the diameter of the tube.
4. The shade width c-c is the same as the dimension A,B,C



Shade Width
XX inch C-C

2-
3/4"

1-3/8" Dia

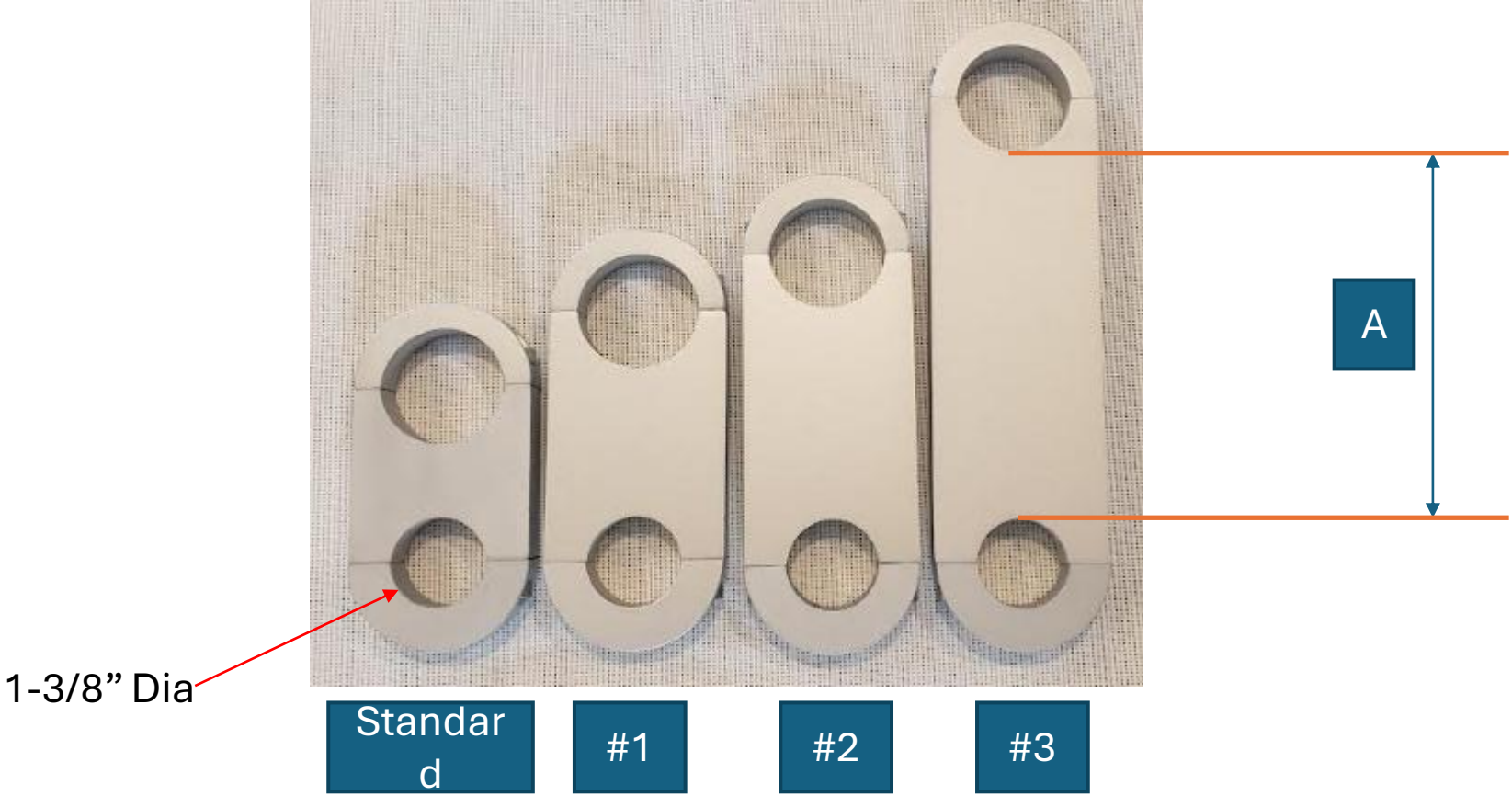
HARD TOP BRACKETS



Standard #1 #2 #3 #4

	Original Inch	#1 Inch	#2 Inch	#3 Inch	#4 Inch
Dimension A	.822	2.3	3.45	4.45	6.95

SOFT TOP BRACKETS



	Standard	#1 Inch	#2 Inch	#3 Inch
Dimension A	1	2.2	3.2	5.7