

ROCKY'S AT-1 ADJUSTABLE TUBE INSTRUCTIONS



This package contains

ITEM #	QTY	DESCRIPTION	Re-Order #
37	4	Lock Nut (1/4")	37
27	4	1/4" x 3 3/4" Bolt	27
357	2	Small Diameter Tube	357
359	1	Large Diameter Tube	359

Tools Required
Drill
1/4" Drill Bit
Hammer
7/16" Wrench
Tape Measure

NOTE: For further instructions visit www.rockys.ca for current instructions and step by step instructional videos.

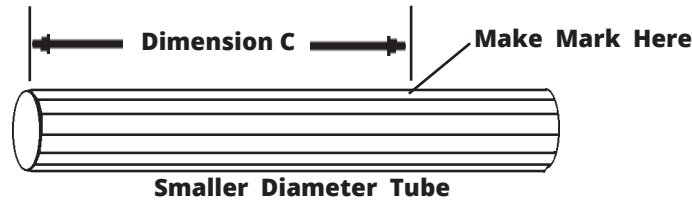
IMPORTANT: YOU MUST BOLT THE TUBES TOGETHER AS PER INSTRUCTIONS. FAILURE TO DO SO MAY CAUSE SAGGING AND COMPROMISE THE INTEGRITY OF THE DESIGN.

ADJUSTABLE TUBE TABLE GUIDE

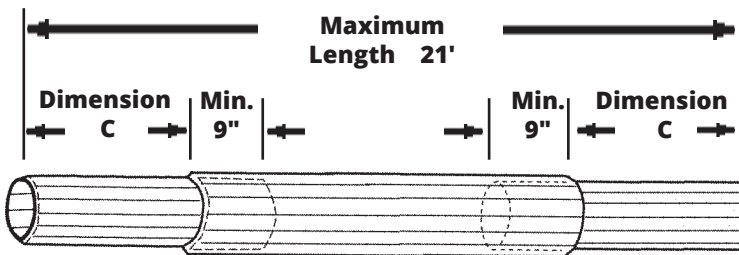
Column A Pool Width (approx.)	Column B Total Tube Length (approx.)	Column C Dimension C (approx.)
14' 3"	15' 3"	45.75"
14' 6"	15' 6"	47.25"
15'	16'	50.25"
15' 6"	16' 6"	53.25"
16'	17'	56.25"
16' 6"	17' 6"	59.25"
17'	18'	62.25"
17' 6"	18' 6"	65.25"
18'	19'	68.25"
18' 6"	19' 6"	71.25"
19'	20'	74.25"
19' 6"	20' 6"	77.25"
20'	21'	80.25"

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For mounting on a pool deck, measure the width of your pool from one inside edge to the other inside edge. On the "ADJUSTABLE TUBE TABLE GUIDE", locate your pool's width in Column A. Note the corresponding value of Dimension C in Column C. Now, measure and mark Dimension C on both smaller diameter tubes as shown.

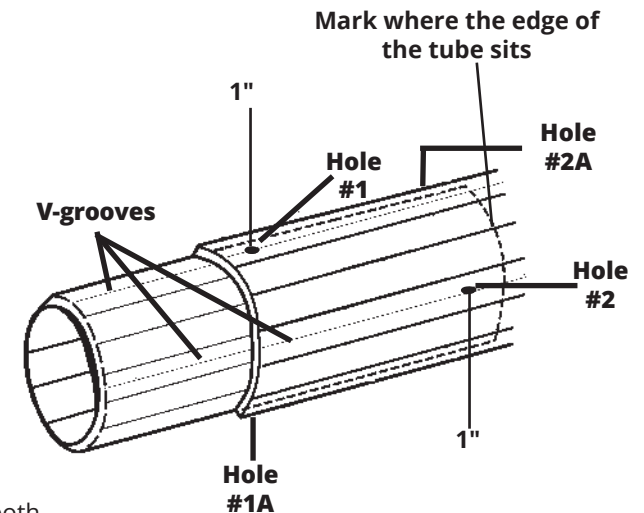


Insert the smaller diameter tubes, into the large diameter tube, up to the Dimension C mark, as shown. The total length of the tubes should be approximately equal to the corresponding value in Column B. See example on reverse.



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Note the 4 grooves running the length of each tube. They are designed to lessen drill bit movement while drilling. Rocky's recommends putting tape where the tubes overlap to prevent movement while drilling. The first bolt will go an inch from the edge of the wider tube. Mark Hole #1 and then rotate the tube 180 degrees and mark Hole #1A. Drill both holes and put a bolt through and put the lock nut on finger tight. Next measure 91 inches and mark where the edge of the thinner tube is sitting in the wider tube. Now measure an inch back from where the edge of the inner tube sits and mark Hole #2. Rotate the tube 180 degrees and mark Hole #2A. This bolt will run perpendicular to the first bolt. Drill out both holes and put your second bolt through and put the lock nut on. Now you can tighten both bolts. Do not use an impact driver, hand tighten only. If you over tighten the bolts the tube will bend causing the bolt to stick out and puncture your solar cover.

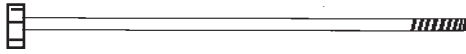


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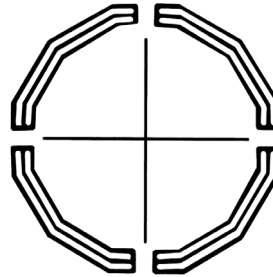


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3-3/4" Hex Bolt



VERY IMPORTANT: YOU MUST USE THE SUPPLIED BOLTS TO PREVENT SAGGING.



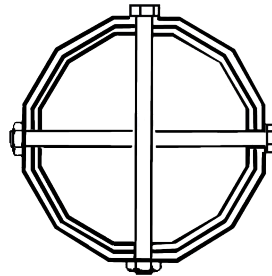
Drill four holes in the tubing as per the instructions on page one.

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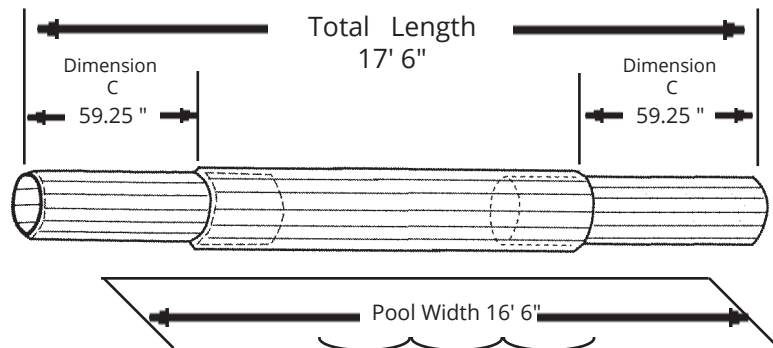
When you insert the bolts if your holes seem tight, lightly tap the bolt into place with a hammer. Install the lock nuts finger tight until both bolts are in.

Tighten the lock nuts with a wrench, being careful not to over tighten and strip the threads.

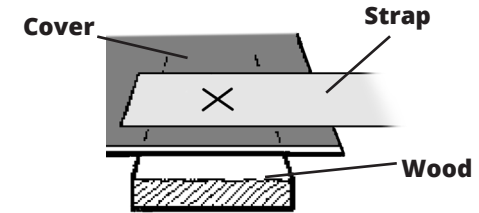
Repeat this procedure for both ends of the tube.



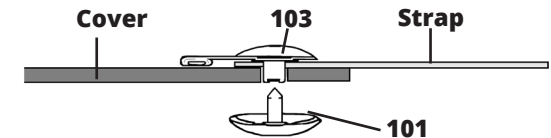
EXAMPLE: Pool width = 16'6"



GROMMET DETAIL

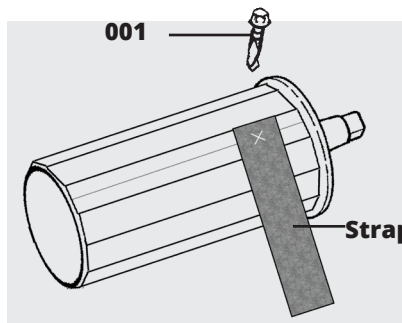


Position the blue strap on the cover. Cross cut through the strapping and the cover. Ensure that the hole in the strapping is at least 1" from the end of the strap and that the hole in the cover is at least 2" from the end of the cover. If possible fold the edge of the cover over so that you put the grommet through two layers of cover for extra reinforcement. This will ensure that the Grommet fits securely onto both the cover and the strap, and will help to prevent tearing.



Insert the Female Grommet through your cut in the strapping and the cover. Ensure that the material is completely pushed down on the shaft. Insert the Male Grommet into Female Grommet. Once in place, hit with a hammer until secure. **(Caution - excessive force will break the grommets).**

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Using Tek Screws, secure the strap to the tube. Make sure you put the screw about an inch into the strap to prevent tearing.