

# ROCKY'S AT-2 ADJUSTABLE TUBE INSTRUCTIONS (17' 10" - 24' 6")

This package contains the following:

ITEM	QTY.	DESCRIPTION	Re-Order #
23	8	Nylon Lock Nut (1/4")	23
27	8	Carriage Bolt (3 1/2")	27
361	2	Small Diameter Tube	361
363	1	Large Diameter Tube	363

### Tools Required:

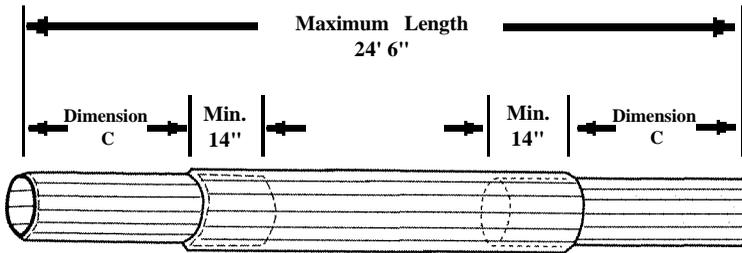
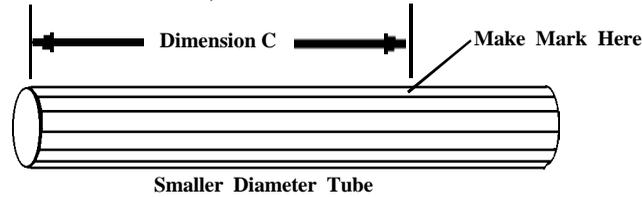
Drill
1/4" Drill Bit
3/8" Drill Bit
Hammer
7/16" Wrench

## ADJUSTABLE TUBE TABLE GUIDE

Column A Pool Width (approx.)	Column B Total Tube Length (approx.)	Column C Dimension C (approx.)
16' 10"	17' 10"	53.4"
17'	18'	54.5"
17' 6"	18' 6"	57.5"
18'	19'	60.5"
18' 6"	19' 6"	63.5"
19'	20'	66.5"
19' 6"	20' 6"	69.5"
20'	21'	72.5"
20' 6"	21' 6"	75.5"
21'	22'	78.5"
21' 6"	22' 6"	81.5"
22'	23'	84.5"
22' 6"	23' 6"	87.5"
23'	24'	90.5"
23' 6"	24' 6"	93.5"

**1**

For mounting on 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 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 smaller diameter tubes, into 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.

**2**

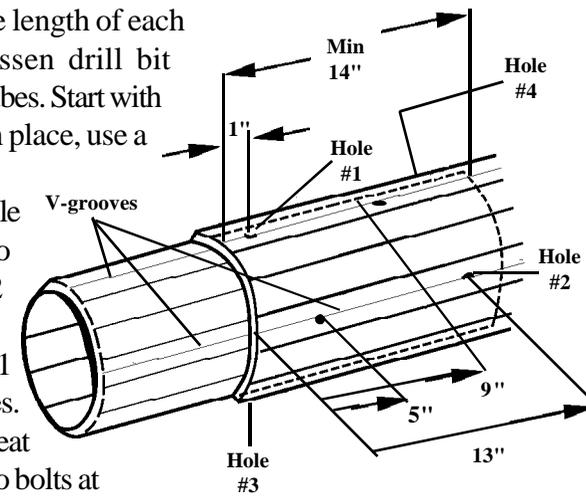
Note the 4 V-grooves running the length of each tube. They are designed to lessen drill bit movement while drilling holes in tubes. Start with one end of the tube first. Holding the tubes in place, use a 1/4" drill bit to drill hole #1 in the V-groove.

To prevent tubes from moving while drilling hole #2, loosely insert a carriage bolt (item #27) into hole #1. Rotate tube 90 degrees. Drill hole #2 in V-groove, as per drawing.

Remove carriage bolt (item #27) from hole #1 and insert it into hole #2. Rotate tube 90 degrees.

Drill hole #3 in V-groove, as per drawing. Repeat these steps and drill hole for the remaining two bolts at 5" and 9" from edge of outer tube.

Remove carriage bolt (item #27) from hole #2 and insert it into hole #3. Rotate tube 90 degrees. Drill hole #4 in V-groove, as per drawing.



**3**

Carriage bolt (item #27)

Square section

Hole #1

Counter bore 3/8" hole

Hole #4

Hole #2

Hole #3

The square section, below the head of the carriage bolt (item #27), is designed to prevent the bolt from spinning when the bolt is tightened. Therefore, holes #1 and #2 must be slightly larger. Using a 3/8" drill bit, counter bore holes #1 and #2, as shown.

**4**

Insert carriage bolt (item #27) through hole #1 and #2 as shown. Lightly tap the carriage bolt into place with a hammer. Install lock nut (item #23) (finger tight). (If bolts appear too short check step #3).

Tighten the lock nut (item #23) with wrench, being careful not to overtighten and strip the threads. Repeat procedure for other end of tube.

27

23

EXAMPLE: Pool width = 22' 6"

AT-2

Total Length 23' 6"

Dimension 87.5"

Dimension 87.5"

Pool Width 22' 6"

### GROMMET DETAIL

COVER

STRAP

WOOD

207

Position the blue strap on the cover. With the hole punch provided (item #207), punch a hole through the strapping and the cover. Ensure that the hole in strapping is at least 1 1/2" from the end of the strap and that the hole in the cover is at least 1 1/2" from the end of the cover. Use a piece of wood to avoid damaging the hole punch.

COVER

STRAP

101

103

Insert female grommet (item #103) through hole in strapping and cover. Ensure that material is completely pushed down shaft. Insert male grommet (item #101) into female grommet. Once in place, hit gently with hammer until secure. (Caution - excess force will break grommet).

Using self-tapping/drill screws (item #1), secure strap to tube. Note: Do not overtighten self tapping screws.

1

STRAP