

ROCKY'S AT-1 ADJUSTABLE TUBE INSTRUCTIONS (15' 3" - 21')

This package contains:

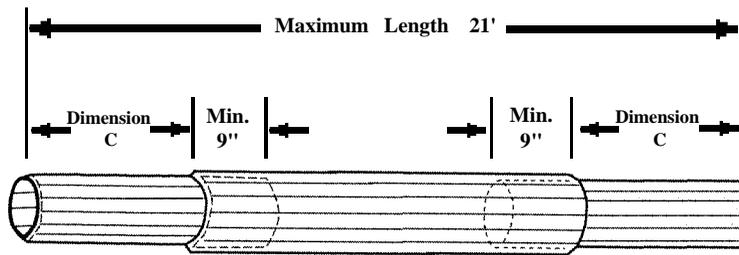
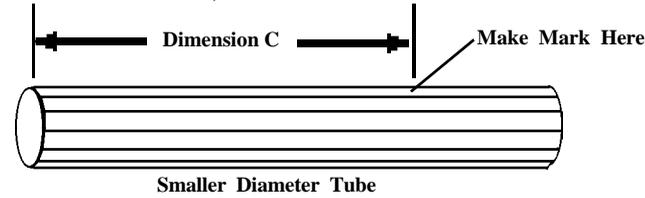
ITEM	QTY.	DESCRIPTION	Re-Order #
23	4	Nylon Lock Nut (1/4")	23
27	4	Carriage Bolt (3 1/2")	27
357	2	Small Diameter Tube	357
359	1	Large Diameter Tube	359

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.)
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"

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.



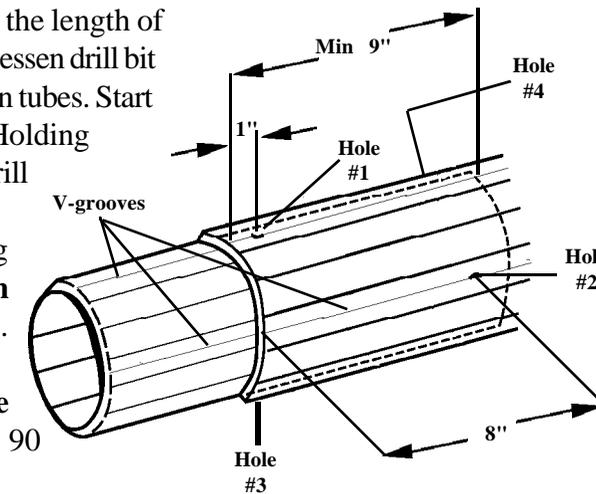
Insert smaller diameter tubes, into large diameter tube, up to the **Dimension C** mark, as shown. The total length of the tubes should be approximately equal to the corresponding value in column B.

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. 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

Hole #2

Hole #3

Hole #4

Counter bore 3/8" hole

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.

EXAMPLE: Pool width = 16' 6"

AT-1

Total Length 17' 6"

Dimension C 59.25"

Dimension C 59.25"

Pool Width 16' 6"

GROMMET DETAIL

COVER

STRAP

WOOD

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 the self tapping screws.

1

STRAP