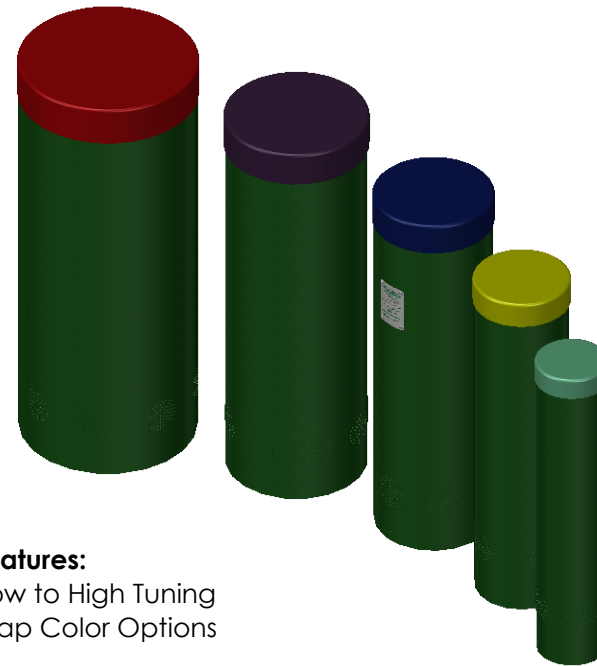
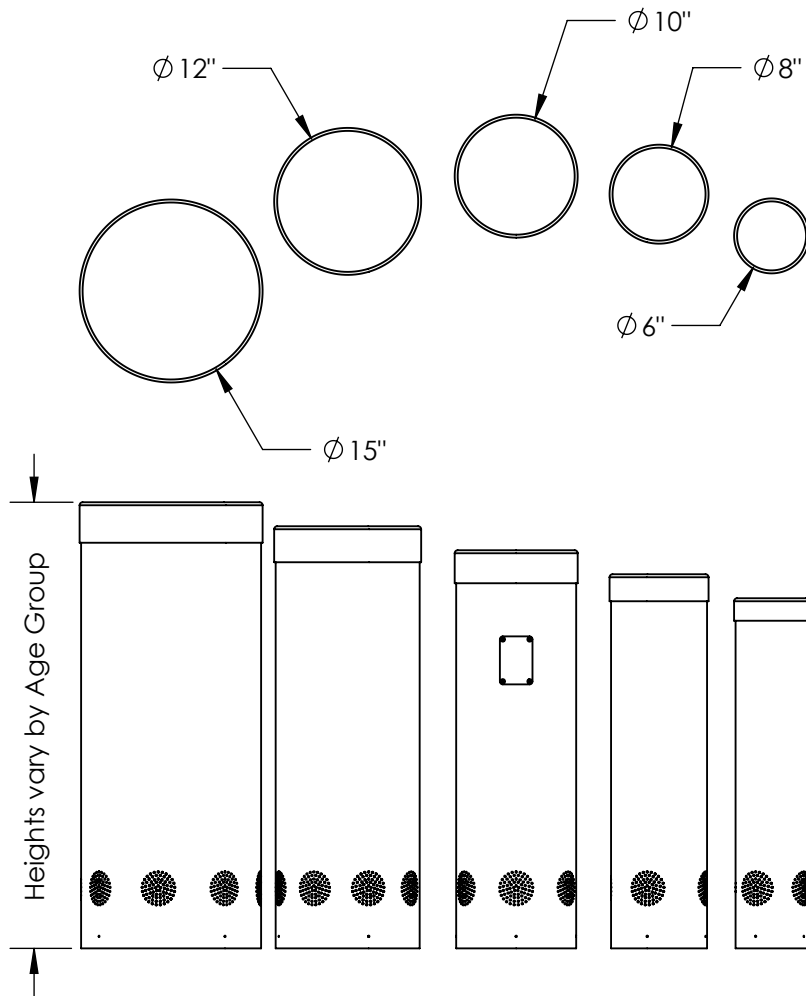


# TUNED DRUMS INSTALLATION GUIDE



### Main Features:

- Low to High Tuning
- Cap Color Options

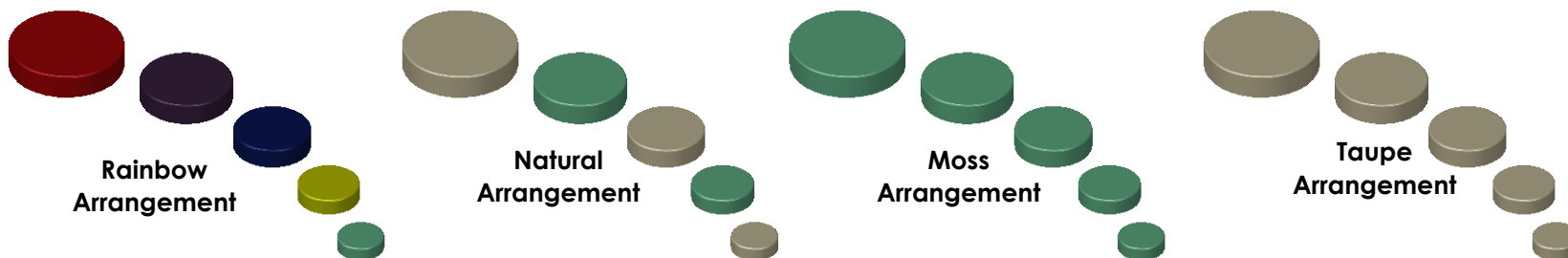
### Contents:

- SHEET 2 - In Ground Installation w/ Parts List
- SHEET 3 - Surface Mount Installation w/ Parts List

### Weights:

- Instrument Total Weight, 60-84lbs.
- Boxed Instrument Total Weight, 90-110lbs.
- Individual Drum Weights vary per style and finished height selection

### Cap Color Options:



TITLE:

Tuned Drums - Installation Guide

DWG. NO. TD-INSTALL

REVISION: NA

SCALE: 1:16

DATE: 2/9/2018

SHEET 1 OF 3

**Parts List:**

ITEM NO.	DESCRIPTION	QTY.	NORMAL FINISHED HEIGHT	TODDLER FINISHED HEIGHT
1	Ø 15" In Ground Tuned Drum	1	37"	29"
2	Ø 12" In Ground Tuned Drum	1	35"	27.5"
3	Ø 10" In Ground Tuned Drum	1	33"	26"
4	Ø 8" In Ground Tuned Drum	1	31"	24.5"
5	Ø 6" In Ground Tuned Drum	1	29"	23"

**Step 1:** Arrange Drums in desired location and pattern. Drums can be laid out in any configuration desirable, but must be installed less than 3" or greater than 9" apart. **WARNING: Between 3" and 9" there lies a chance for a child's head to get stuck.** (Reference: US Consumer Product Safety Commission, Public Playground Safety Handbook)

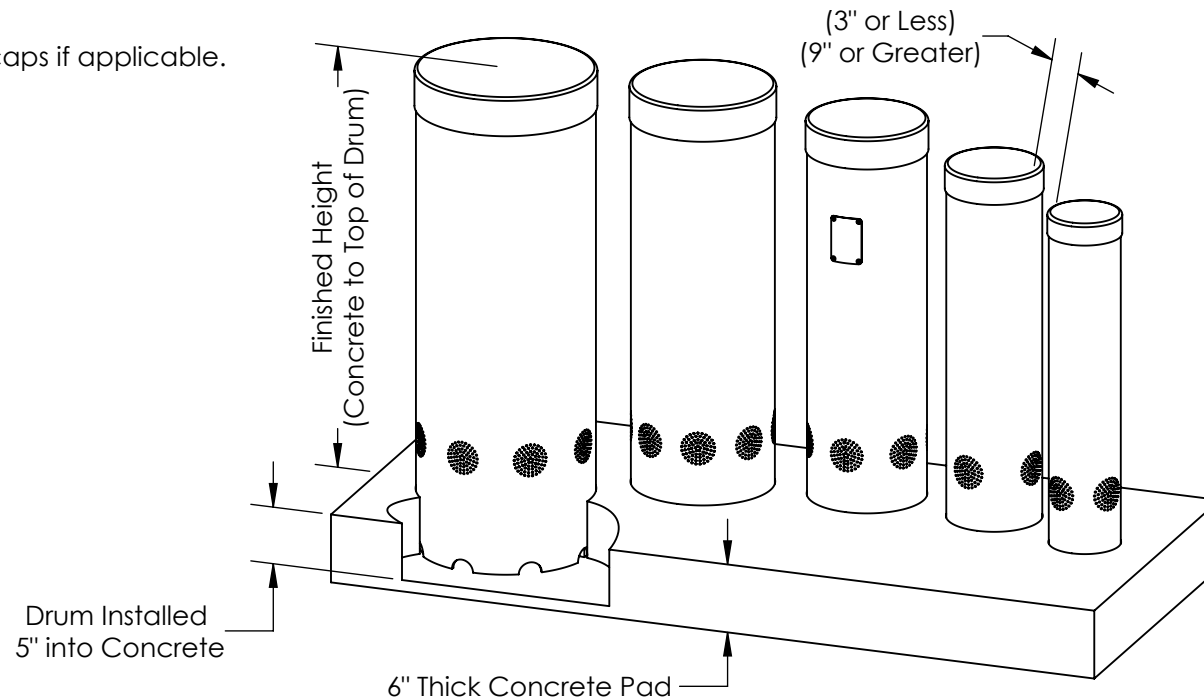
**Step 2:** Determine border of trench for concrete pad. Trench should be a minimum of 6" deep. Concrete pad should perform under local soil and weather conditions.

**Step 3:** Excavate trench to required depth. Check levelness of trench then pour concrete and fill trench completely per code requirements. Immediately after the concrete has been poured, drive the Tuned Drums into the wet concrete per your chosen layout.

**Step 4:** The bottom edge of the Drum Bases are scalloped to assist in their installation into the concrete. Twist Drums into concrete to a depth of 5". Check for plumbness, if needed brace the Drums to keep them rigid and in place during the curing process. Leave to set according to the concretemanufacturer's guidelines.

**Step 5:** Check for sufficient clearance around instruments. A 36" clearance is recommended around the the entire Drum arrangement for wheelchair accessibility, however this is not required for proper function. Drums may also be installed next to a wall or in a variety of different configurations.

**Step 6:** Remove plastic film from drum caps if applicable.



**Parts List:**

ITEM NO.	DESCRIPTION	QTY.	NORMAL FINISHED HEIGHT	TODDLER FINISHED HEIGHT
1	Ø 15" Surface Mount Tuned Drum	1	37"	29"
2	Ø 12" Surface Mount Tuned Drum	1	35"	27.5"
3	Ø 10" Surface Mount Tuned Drum	1	33"	26"
4	Ø 8" Surface Mount Tuned Drum	1	31"	24.5"
5	Ø 6" Surface Mount Tuned Drum	1	29"	23"
6	Surface Mount Anchor Disc	5	-	-
7	Ø 1/4 x 3.25" Anchor Bolt, SS	15	-	-
8	#10 Button Head Screw, 2"lg. SS, T25 tamp	20	-	-
9	Security Driver	1	-	-

**Step 1:** Arrange Drums in desired location and pattern. Drums can be laid out in any configuration desirable, but must be installed less than 3" or greater than 9" apart.

**WARNING:** Between 3" and 9" there lies a chance for a child's head to get stuck.

(Reference: US Consumer Product Safety Commission, Public Playground Safety Handbook)

**Step 2:** Once you have decided your layout, replace drums with the provided Anchor Discs. Mark holes on the concrete through the (3) holes on all of the Anchor Discs. Set aside Discs, drill 1/4" holes 2" into concrete at marked locations. A Ø 1/4" masonry drill bit will be needed. Contractor to provide a concrete slab that will perform under local soil and weather conditions. (If anchoring to a material other than concrete, fasteners to be provided by the customer)

**Step 3:** Place the Anchor Discs back over the drilled out holes. Insert provided anchor bolts into aligned holes. Position anchor nut so that it is flush with the top of the bolt. Pound anchor bolts into the hole until the anchor washer is flush with the post base. Tighten anchor bolts until they are snug.

**Step 4:** Install the Drums over the Anchor Discs. Predrill (4) 1/8" holes in a 90° cross pattern, 1" up from the bottom of the drum. Drill through both Drum and Anchor Disc. When predrilling holes, make sure they clear the previously installed anchor bolts, and that there is clearance for the 2" screws to be installed without interfering with the other drums. Secure Drums to Discs with the provided #10 Button Head Screws and Driver.

**Step 5:** Check for sufficient clearance around instruments. A 36" clearance is recommended around the the entire Drum arrangement for wheelchair accessibility, however this is not required for proper function. Drums may also be installed next to a wall or in a variety of different configurations.

**Step 6:** Remove plastic film from drum caps if applicable.

