

## Ground Fixed

Rainbow Sambas  
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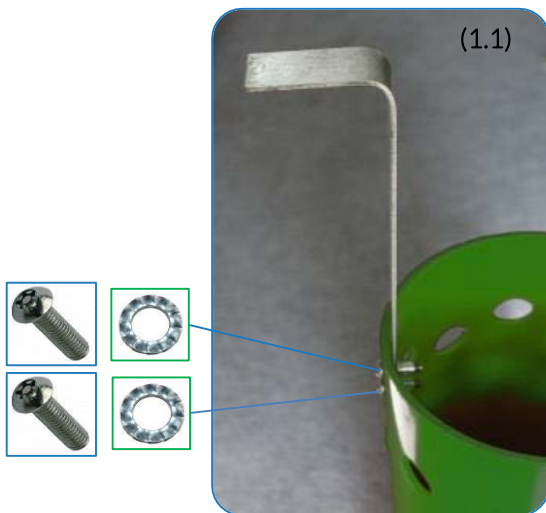


Instrument Components:

Rainbow Sambas are pre-assembled

Metric Conversion:  
80mm/ 3"  
100mm/ 4"  
230mm/ 9"  
300mm/ 12"  
400mm/ 16"  
450mm/ 18"  
1.5m/ 59"

# Installation Instructions



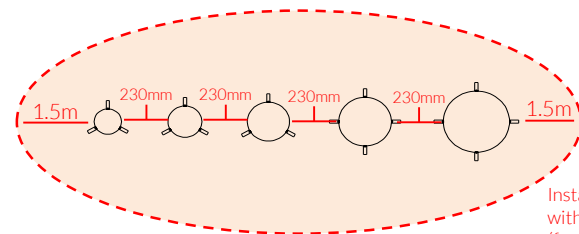
Weight of heaviest part **14.6kg** (XL Samba)

**1. Assemble fixing brackets** to base of sambas using **M8x25mm security screws** and **lock washers**. **(1.1)**(See Assembly Guide)

**2. Arrange Sambas** with minimum spacing between each drum at **230mm** and mark holes for excavation. Each hole should be **80-100mm** larger than the drum itself.

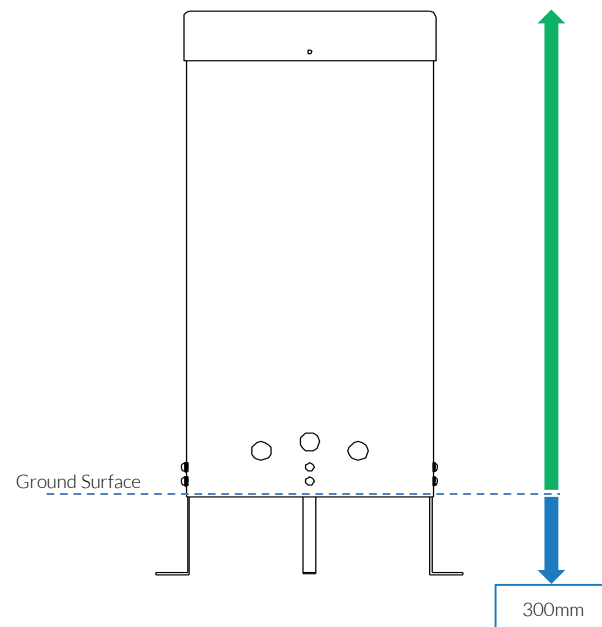
**3. Excavate marked holes** to **300mm depth** making sure the holes have a level base allow the sambas to sit vertical.

**4. Once happy with location** of the sambas, **fill holes** using rapid hardening **concrete**. Be sure to compact concrete around metal brackets and leave to dry according to manufactures guidelines.



Install Instrument with 1.5m free space (from widest point) around it.

Sambas will arrive on site in pre set heights. In ground fixing depth **300mm** for all 5 sambas.



Played with hands

Ground Fix Components:



Spares available from [percussionplay.com](http://percussionplay.com) or from your local distributor

**44 Kg**

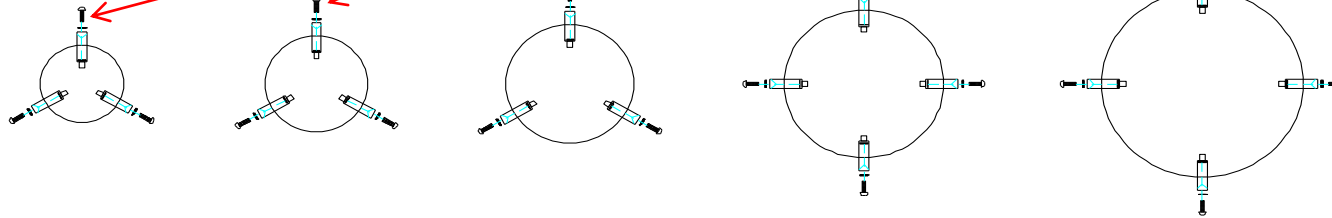
# Assembly Guide PPRASA

## Tools:

x1  
TX 40 Driver Bit



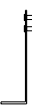
## Ground Fixed

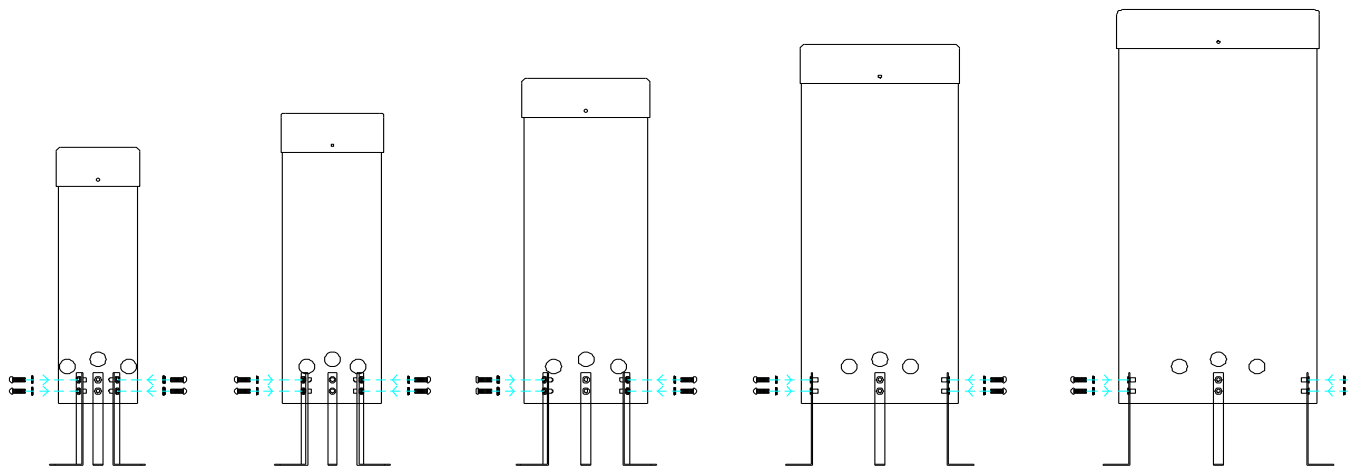
Rainbow Sambas  
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PPRASA PLAN

## COMPONENTS LIST:

-  M8x25 Pin torx X34
-  M8 Lock washer X34
-  Ground Fix L Bracket X17



PPRASA FRONT

## Instrument Components:

Rainbow  
Sambas  
are pre-  
assembled

Thread Lock Solution  
Required (Not Supplied)



Played with hands

Ground Fix  
Components:



x34



x34



x17

L Brackets

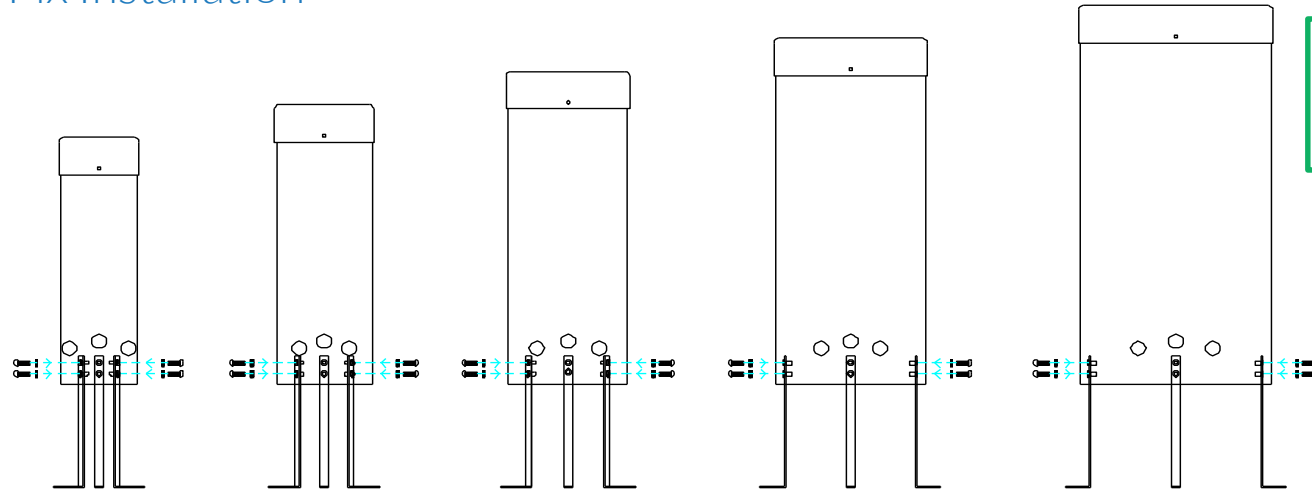
Spares available from  
[percussionplay.com](http://percussionplay.com) or from your  
local distributor

44 Kg

# Ground Fix Installation

Tools:

 x1  
 TX 40 Driver Bit



1

Attach L- Brackets to base of each drum using M8x25 Bolts and lock washers provided.

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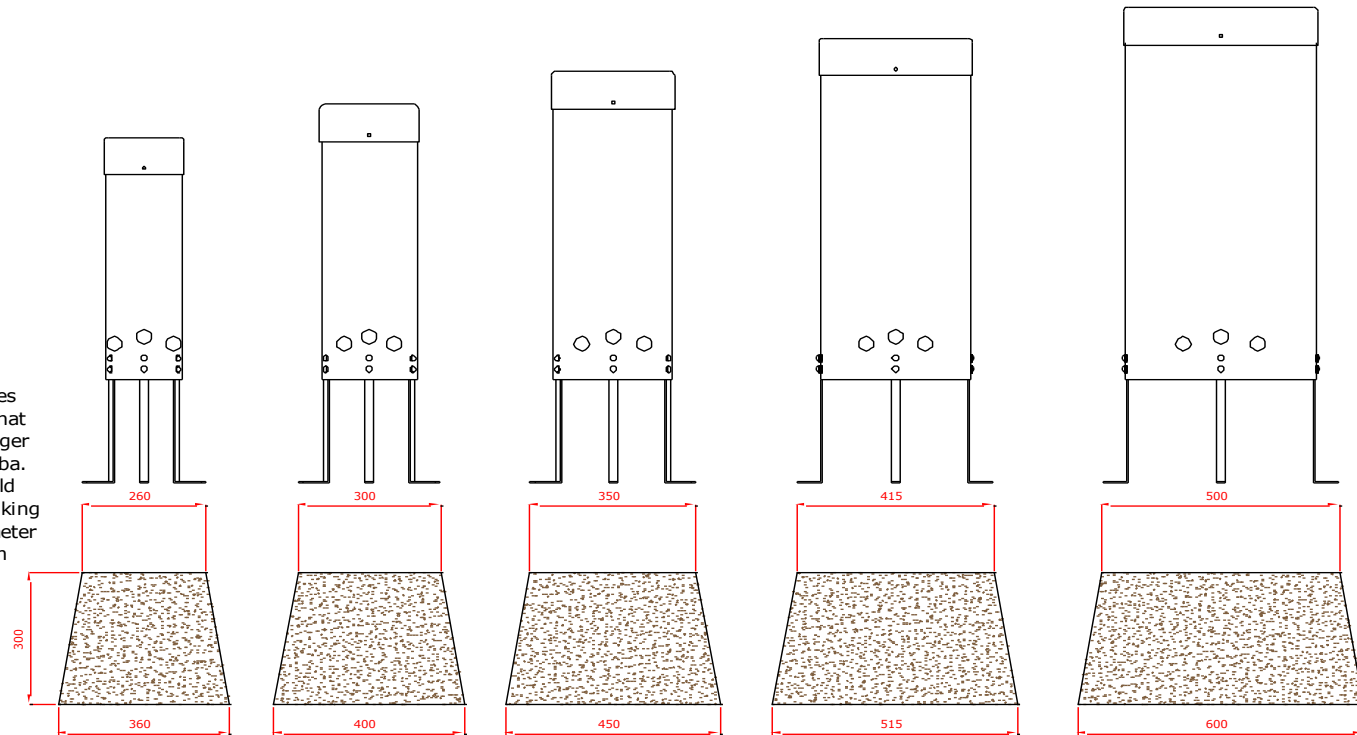


## Components:



2

Excavate 5 holes 300mm deep that are 100mm larger than each samba. Each hole should taper down making the base diameter at least 100mm larger than the surface hole



# Ground Fix Installation

## Ground Fixed

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### Components:



x17

M8x25mm Pin Torx



x34

M8 Lock Washer



L Brackets x17

### Metric Conversion:

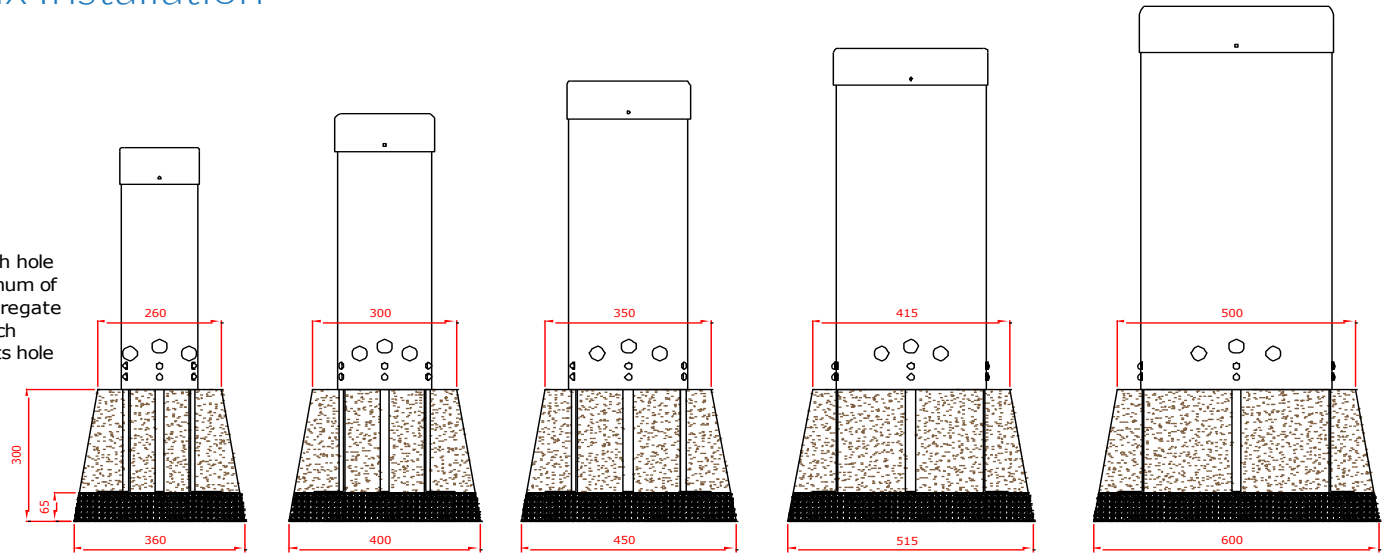
65mm/ 3"  
250mm/ 8"  
300mm/ 12"  
350mm/ 14"  
415mm/ 16"  
450mm/ 18"  
500mm/ 20"  
515mm/ 20"  
600mm/ 24"



BS EN 1176

3

Compact each hole with a maximum of 65mm of aggregate and lower each samba into its hole



Foundations should not present a hazard. These foundations are recommended as a guide, for more information on foundation details for various surface see Part 1 of BS EN 1176.

4

Fill each hole with fast drying concrete to manufacturers specifications.

