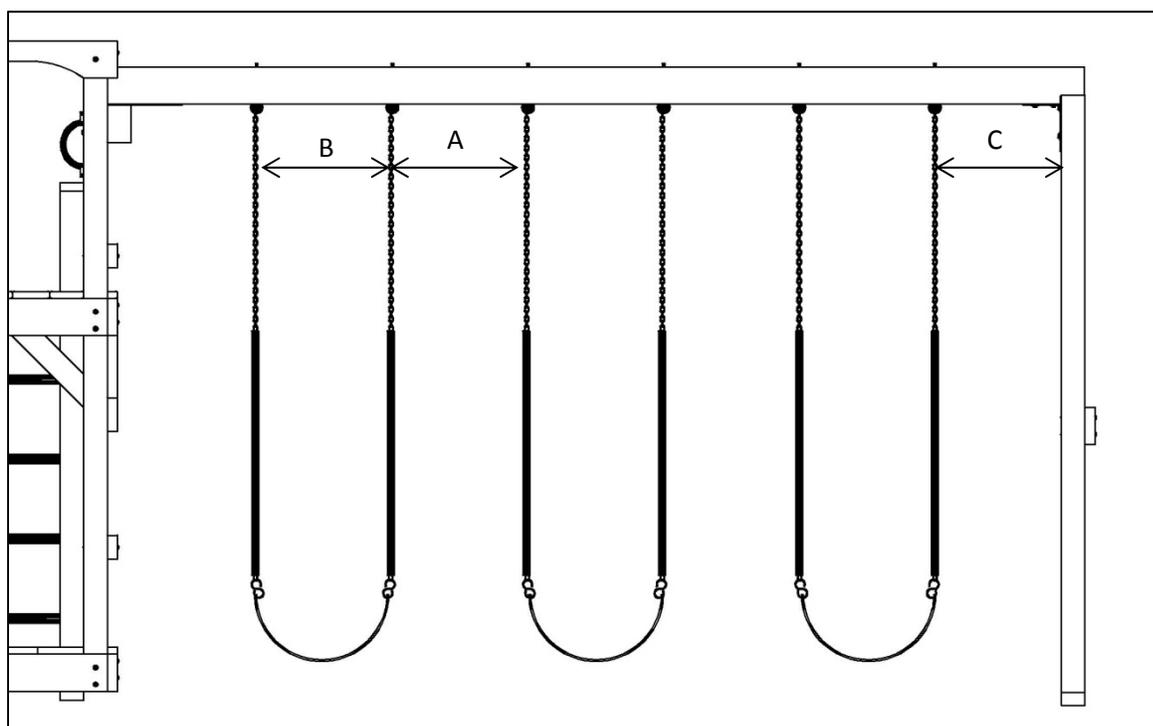


## SWING SET SWING AND HANGER SPACING



### Legend

A = Swing hanger spacing or the distance between swings

B = The distance between each chain or rope on a swing

C = The distance from a swing to a support element such as the leg on an A-frame bracket.

## **Introduction**

So you purchased some swings and hangers from us. How far apart should you place the swing hangers? What is the distance between swings? How many swings will fit on my swing set? We will answer all of those questions and more in this intuitive guide.

The specifications we give go above and beyond what is typically called out. We feel as if the minimum specifications are not sufficient enough and hence we created this guide. Please refer to the diagram on the first page for the distances. The figures given in this guide are for backyard, residential use only.

## **What types of swings do you have?**

The first step is to determine what type of swings you have. This is true not only for what you currently have, but for future use as well. Certain types of swings such as [tire swings](#) and disc swings need to be in a separate use zone for safety. Tire swings rotate 360 degrees which means you have to have extra room side to side for the lateral movement. Most swings such as belt swings, bucket swings, and gliders simple move fore and aft.

## **The distance between swings (A)**

A = 12" MINIMUM, 16" IDEAL

Of all the distances, the distance between swings is by far the most important. Spacing the swings too close together can cause injury if two children are swinging at the same time.

The minimum distance between swings (tire swings and disc swings need to be separate) should be 12". We prefer 16" between swings as an extra. This applies to strictly swings moving fore/aft such as belt swings, bucket swings, and gliders.

## **The distance between the chains or rope on a swing (B)**

The distance between the chains or rope on a swing varies according to what type you have.

*Belt swings:* 18"

*Bucket swings:* 18"

*Trapeze swings:* Varies – Measure the distance between the chains on the trapeze itself and use that measurement. You want the chains or ropes vertical when installed. If your chains are 18" apart, then install the swing hangers 18" apart. Anything else would cause the chains to not be parallel to each other.

*Gliders:* Just like trapeze swings, you want the chains or ropes on a glider to be vertical. Measure the distance between the chains and install the hangers at this distance.

*Flat Swings:* Since flat swings are rigid, you want to measure the distance between the chains or ropes and install the hangers at this distance.

## **The distance between a swing and a stationary support (C)**

The distance from a swing to a stationary supports (C) is another critical factor. Spacing that is too close can cause injury. Use the following distances:

*Belt swings:* 12” minimum, 16” preferred

*Trapeze swings:* 12” minimum, 16” preferred

*Bucket swings:* 12” minimum, 16” preferred

*Gliders:* 16” minimum, 18” preferred

*Disc Swings:* 30” MINIMUM from edge of disc swing to support

*Tire Swings:* Tire swings need to be separated from other swings. For 8’ tall tire swings, they should be mounted in the center of a 12’ long beam.

### **How many swings can fit on my swing beam?**

For backyard, residential use, the standard for swing beams is 12’ long. A 12’ long swing beam can fit 3 swings comfortably (not including disc or tire swings).

### **So where do I start?**

You can start by figuring out which swings are going where. The most common layout is to have two belt swings and a trapeze swing. Some people prefer the belt swings on the ends and the trapeze in the middle and others prefer the belt swings next to each other and the trapeze on the ends. It’s all a matter of personal preference.

Once you figure out what looks aesthetically pleasing, start in the middle. Mark the center of the swing beam and then measure out half the distance of (B) on each side. This is where the CENTER of your [swing hangers](#) will go. Once you have this laid out, space the swings on each side in the center of the span.