

# J-HOOK FASTENING BRACKET SELECTION GUIDE

*Custom Crafted for Maximum Performance*

---

***J-Hook***  
FOR DECKS & DOCKS



# Table of Contents

Introduction and Milled vs Rough Lumber	2
Deck or Dock Floor Requirement for J-Hook Umbrella Base Installation	3
Anatomy of a J-Hook Fastening Bracket and Product Code Definition	4
1. Wood Joist Construction	
a. 2” Milled Lumber	5
b. 4” Milled Lumber	6
2. Aluminum Joist Construction	
a. Aluminum Tubing	7
3. Steel Joist Construction	
a. Steel Tubing	9
b. Steel “C” Channel	10
c. Steel “I” Beam	11

# Introduction

Thanks for your interest in the J-HOOK Portable Umbrella Base for Decks and Docks, crafted in Canada from high strength aluminum and stainless steel.

Docks come in all shapes and sizes. This guide is to help you select your dock design and the corresponding stainless steel J-HOOK Fastening Bracket. You can also have your J-HOOK Fastening Bracket custom crafted to your own dock construction design and be absolutely sure of “Never-Blow-Over” security.

## Milled vs. Rough Lumber Deck & Dock Construction

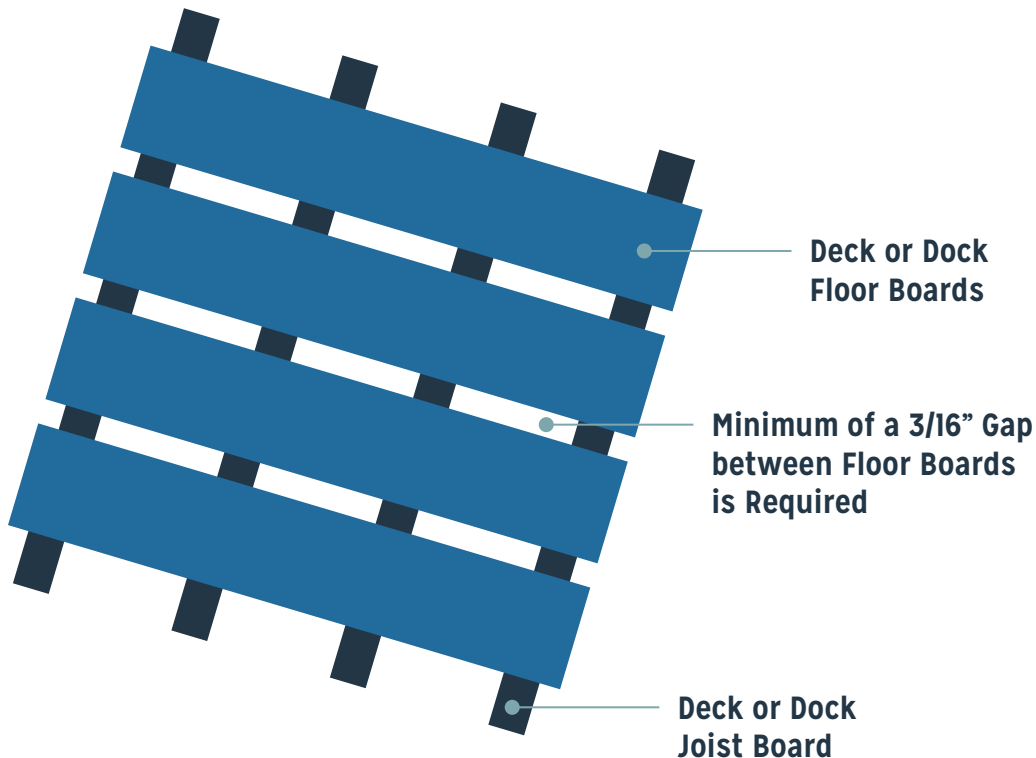
Most Deck & Dock Builders use Milled Lumber in their construction. Milled Wood Lumber in North America is named by its Nominal Measurement, not by its Actual Measurements. (e.g. A Nominal 2 x 4 is an Actual 1½“ x 3½”) This can be confusing. In creating codes and naming the J-HOOK Fastening Brackets, we use Nominal Measurements. For example, we would use a joist’s Nominal Measurement 2 x 8 when in fact its actual Milled Lumber measurement is 1 ½ x 7 ¼.

There are instances where decks and docks may be built from “Rough Cut” wood that is Actual in measurement. **Please contact us if this is the case with your deck or dock. We will help you determine the correct custom Fastening Bracket for your deck or dock.**

# DECK OR DOCK FLOOR REQUIREMENT FOR J-HOOK UMBRELLA BASE INSTALLATION

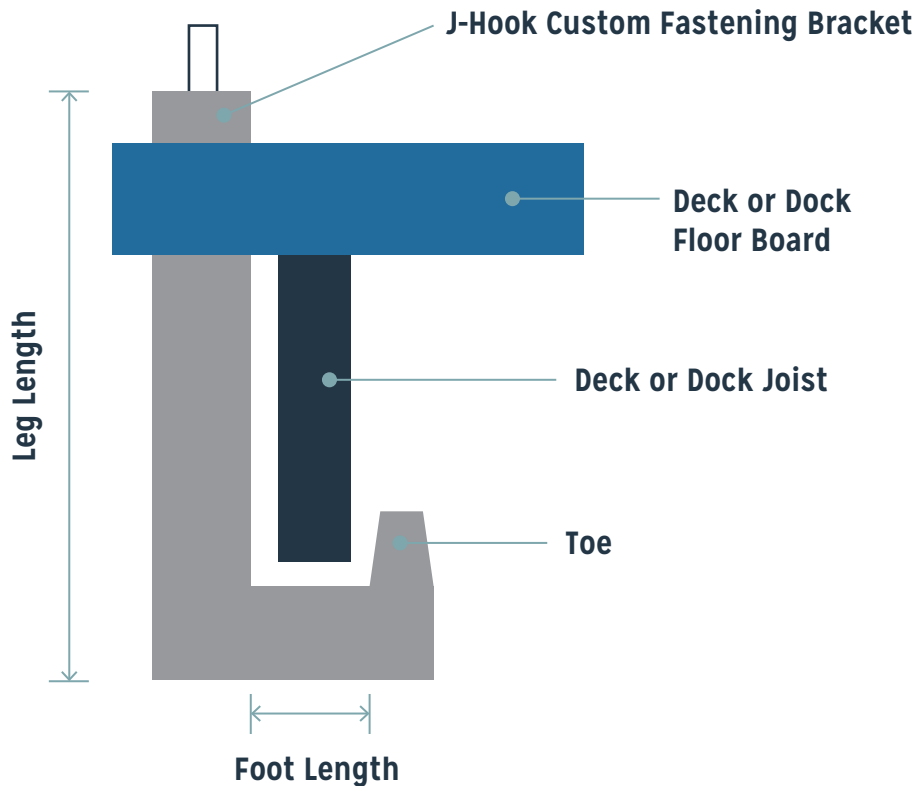
In order for your J-Hook Fastening Bracket to be able to be installed through your flooring and under your joist, you must have a gap between your floor boards of at least 3/16"

## Aerial View of Deck or Dock



# ANATOMY OF A J-HOOK FASTENING BRACKET AND PRODUCT CODE DEFINITION

## Cross Section View of J-Hook Fastening Bracket on Deck or Dock



### Fastening Bracket Code Example

B 1.5 - 11.5

B = Bracket

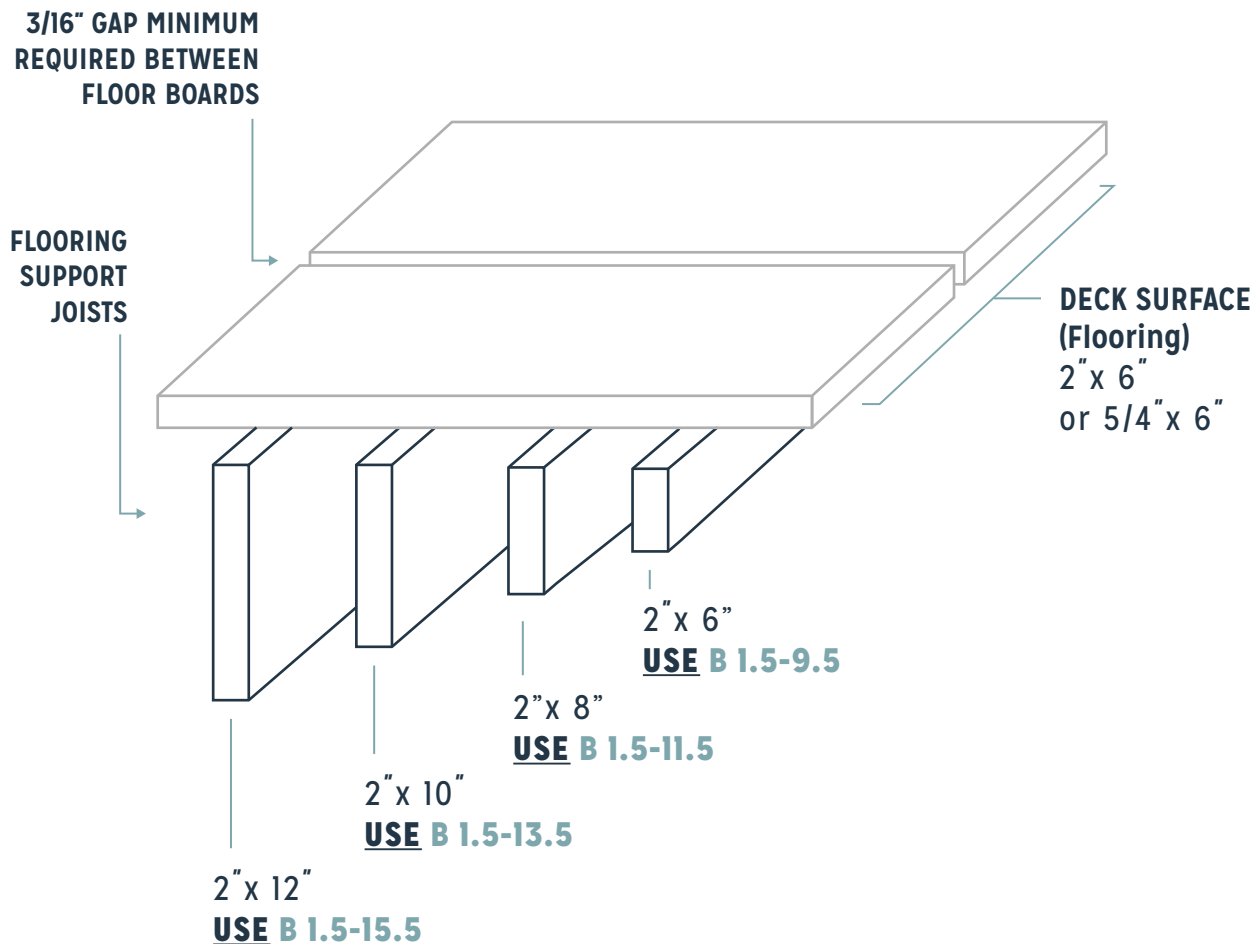
1.5 = Foot Length in inches

11.5 = Leg Length in inches

# WOOD LUMBER 2" THICK JOIST CONSTRUCTION

## *J-Hook Fastening Bracket Selection*

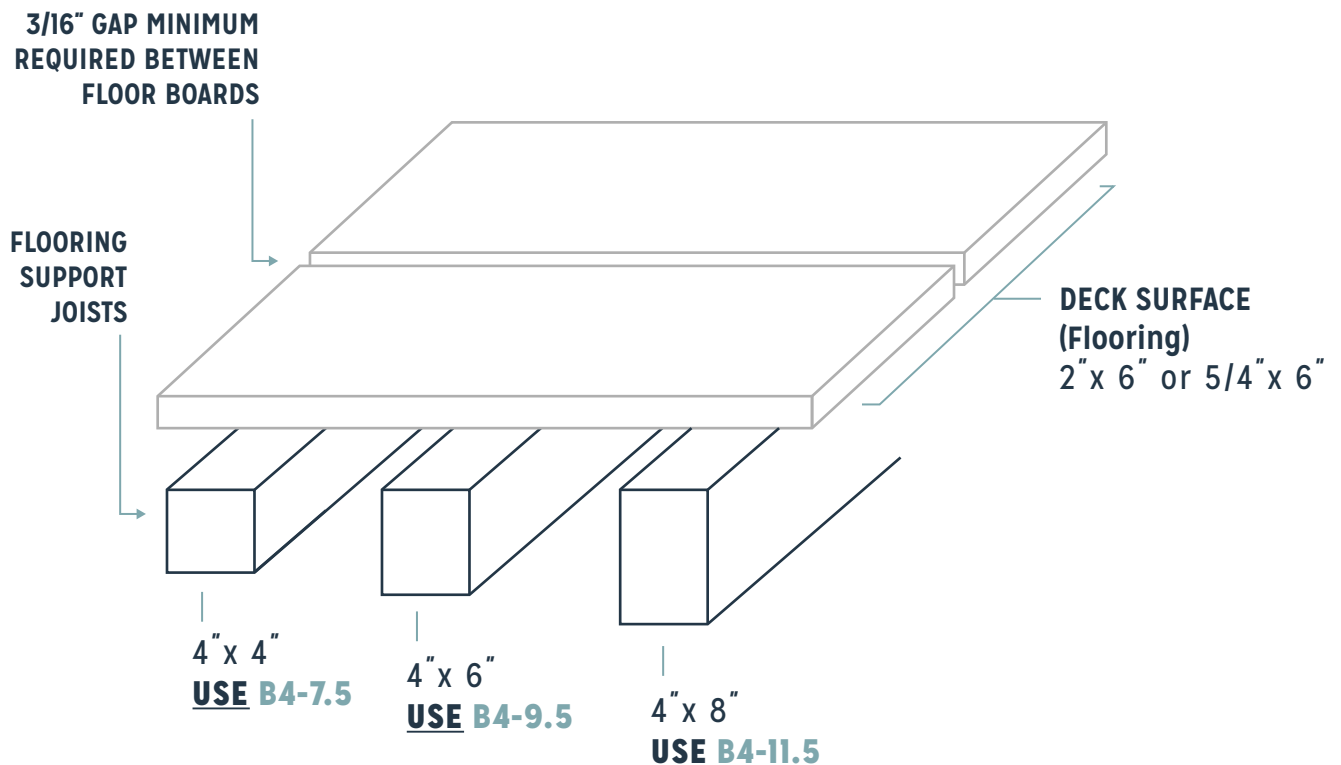
2" THICK JOIST STRUCTURES - MILLED LUMBER



# WOOD LUMBER 4" THICK JOIST CONSTRUCTION

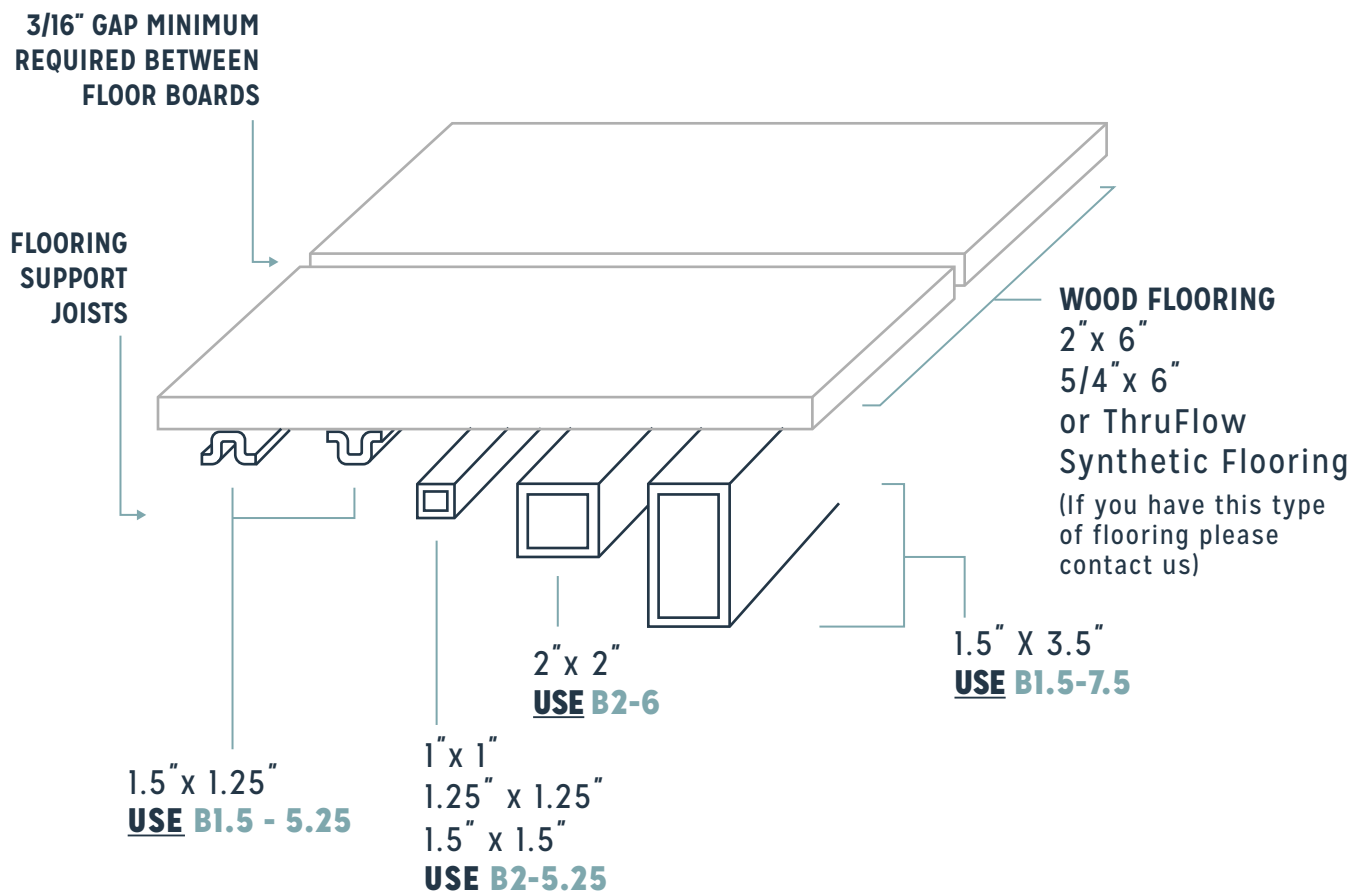
## *J-Hook Fastening Bracket Selection*

4" THICK JOIST STRUCTURES - MILLED LUMBER



# ALUMINUM JOIST CONSTRUCTION

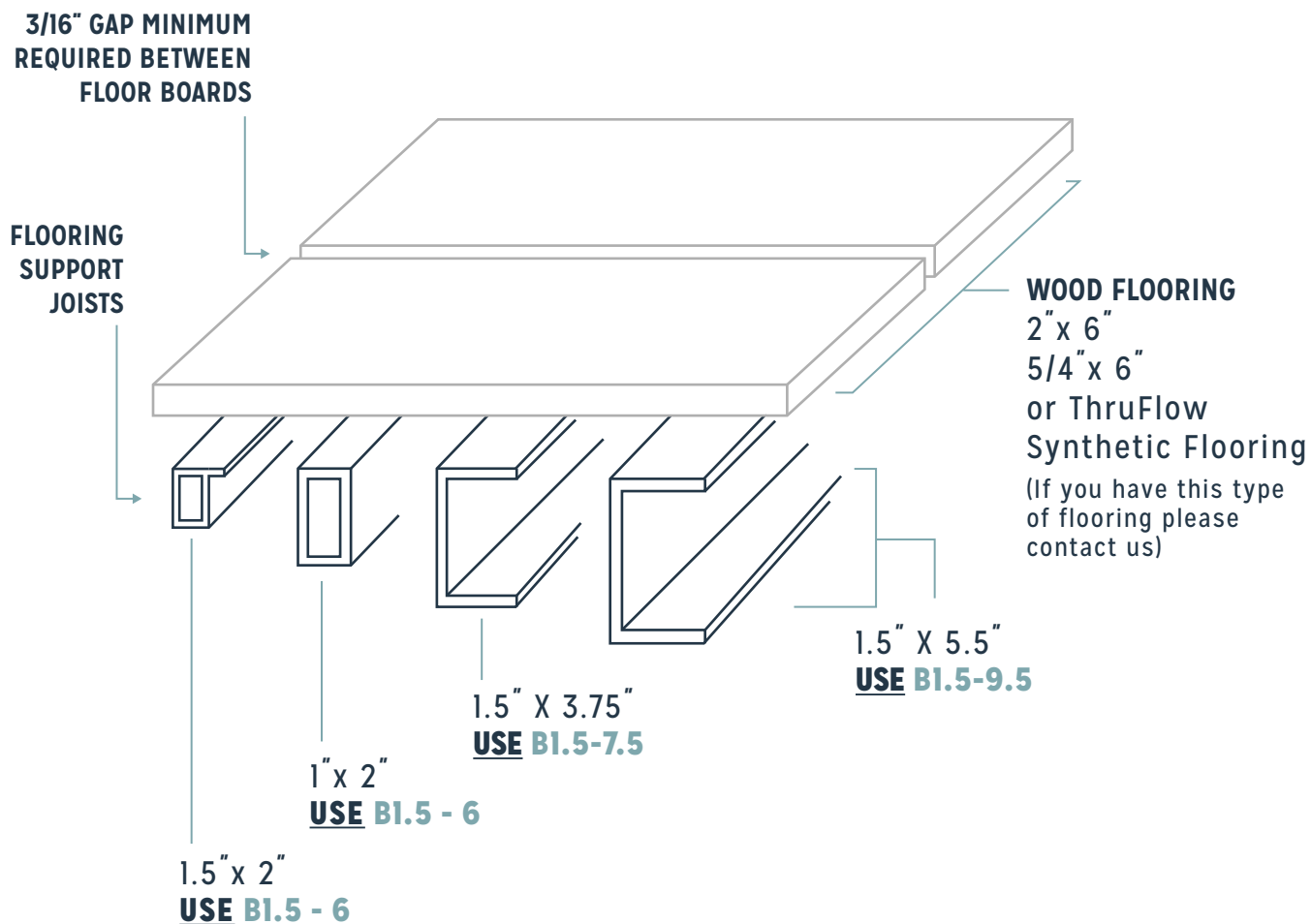
## *J-Hook Fastening Bracket Selection*





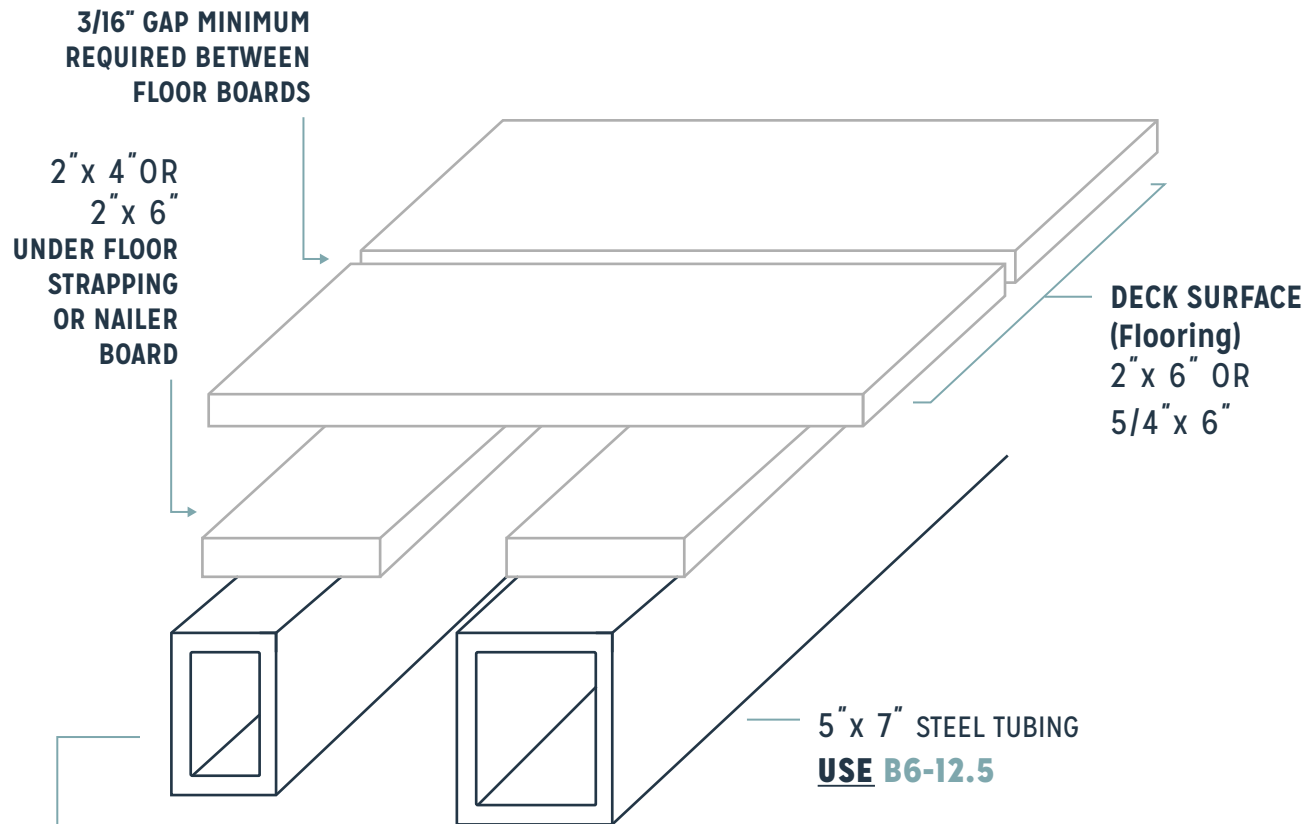
# ALUMINUM JOIST CONSTRUCTION

## *J-Hook Fastening Bracket Selection*



# STEEL TUBING JOIST CONSTRUCTION

## *J-Hook Fastening Bracket Selection*



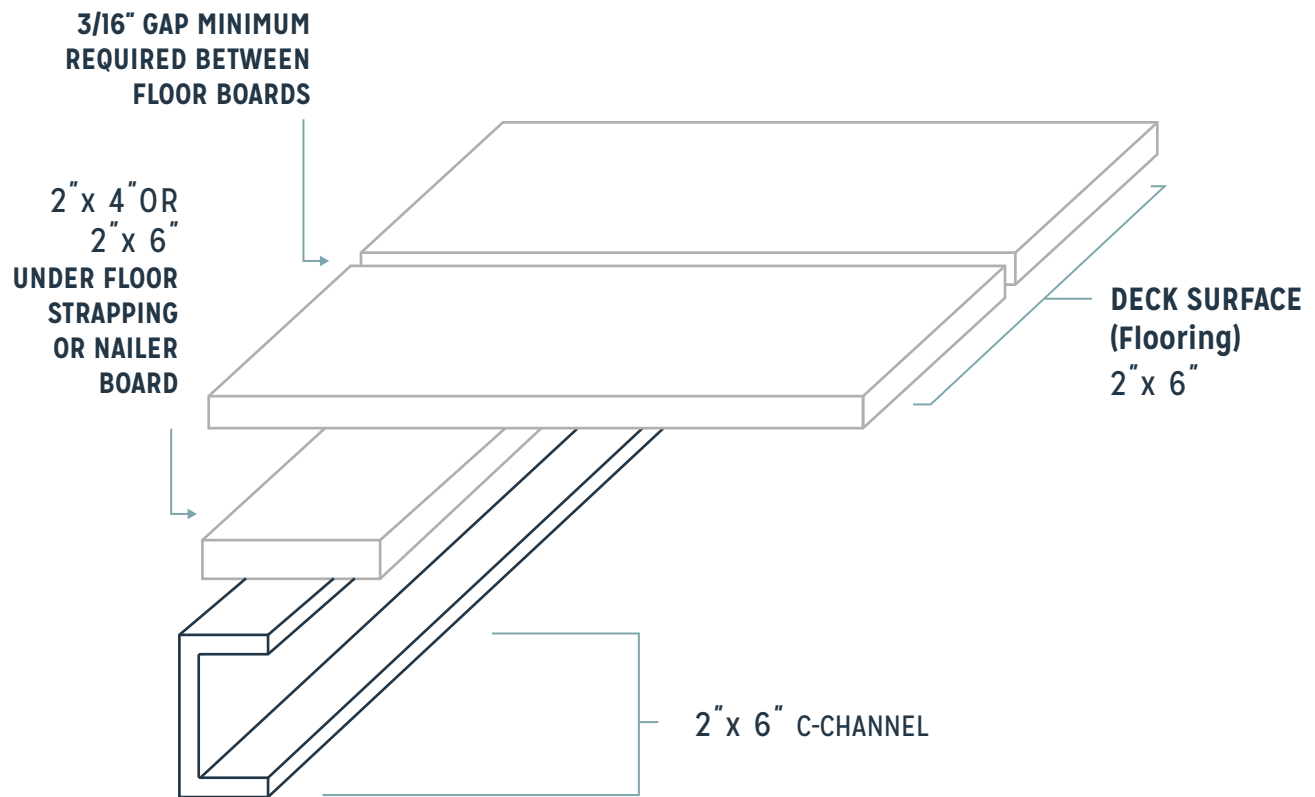
3" x 6" STEEL TUBING

**USE B4-11.5** (FOR 2" x 4" UNDER FLOOR STRAPPING)

**USE B6-11.5** (FOR 2" x 6" UNDER FLOOR STRAPPING)

# STEEL C-CHANNEL 2"×6"

## *J-Hook Fastening Bracket Selection*



**USE B4-11.5** (FOR 2" x 4" UNDER FLOOR STRAPPING)

**USE B6-11.5** (FOR 2" x 6" UNDER FLOOR STRAPPING)

# STEEL I-BEAM 6"× 6" JOIST CONSTRUCTION

## *J-Hook Fastening Bracket Selection*

