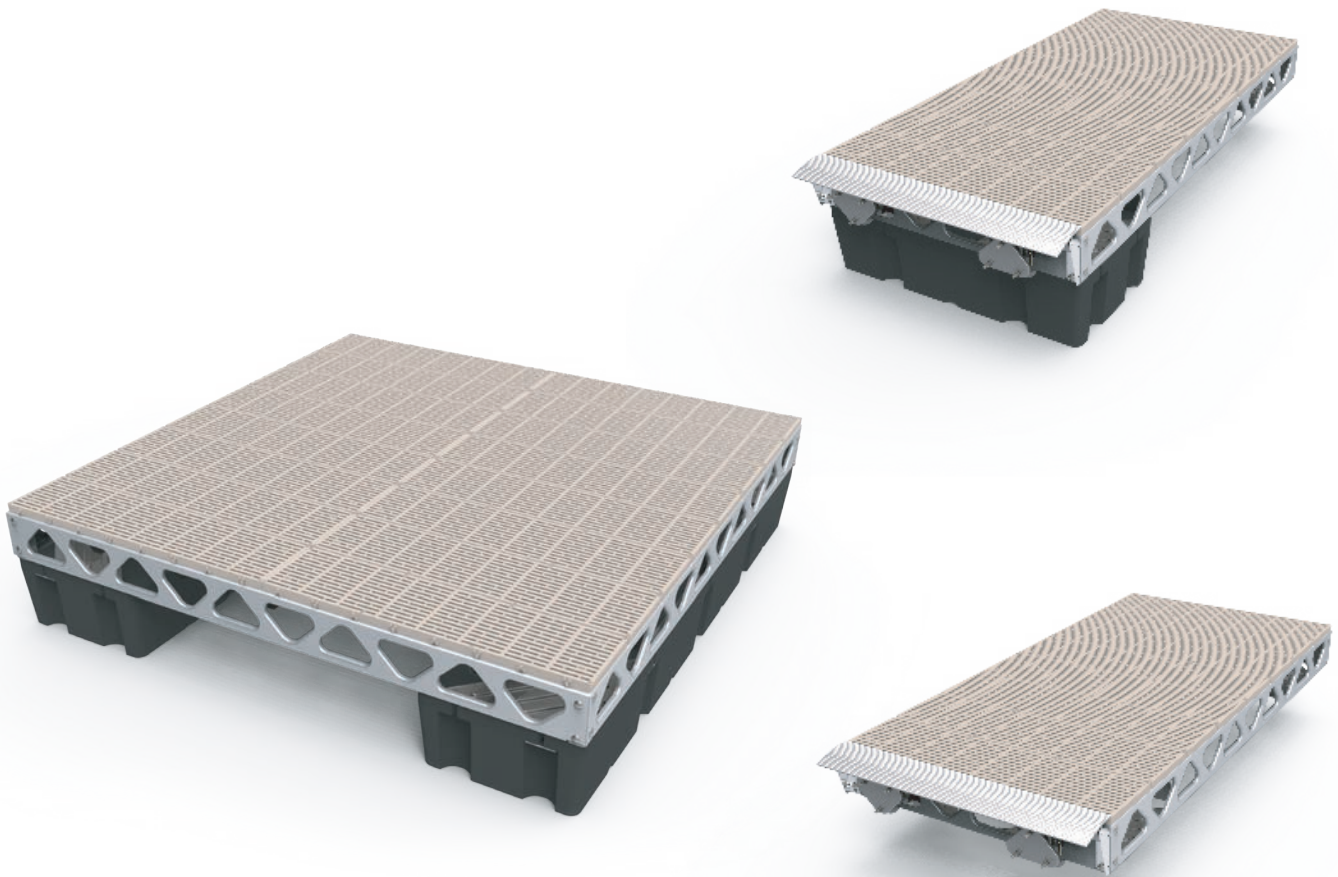


# CanadaDocks<sup>TM</sup>



Where *fun* on the water *begins!*



## Assembly Instructions for Floating Dock & Ramp Kits

Read this manual and related assembly instructions before attempting to assemble the parts enclosed to ensure that your new CanadaDocks<sup>TM</sup> system is assembled safely and correctly.

## PRODUCT WARRANTY

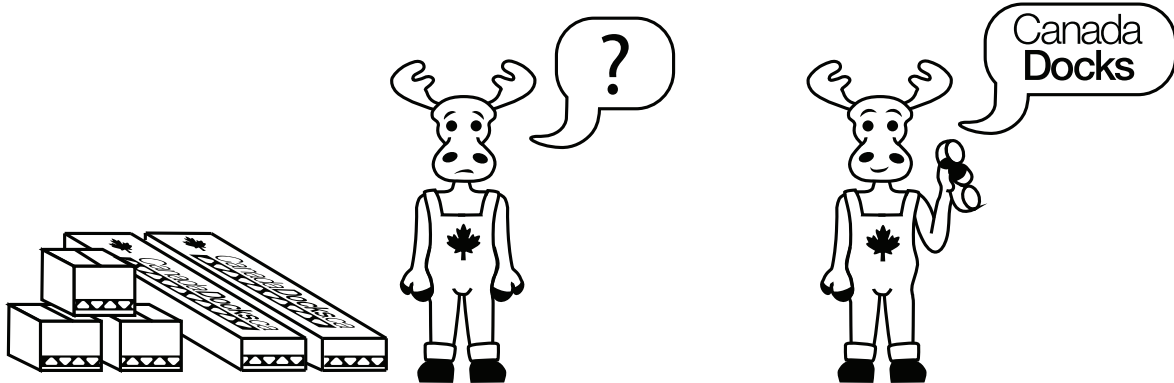
- CanadaDocks Inc.™ warrants all products to be free of defects in workmanship and material under normal conditions and for which use they are intended. CanadaDocks Inc.™ shall not be liable for any incidental, consequential or special damages, without limitation any lost profits, business interruption, loss of opportunity or loss of revenue, resulting from the misuse of CanadaDocks Inc.™ products and does not assume any liability of purchaser or others for injury to persons or property. CanadaDocks Inc. makes no express or implied warranties other than the warranties set forth herein, including without limitation, the warranties of merchantability, fitness for a particular purpose, or from any trade usage.
- CanadaDocks Inc.™ warrants its CanadaDocks™ dock frames, purchased new, to be free of defects in its structure for 25 years. This warranty covers defective parts on the CanadaDocks™ aluminum frames only (trusses, joists, square aluminum legs and corner braces). Any defective product must be returned with a Return Goods Authorization number before being delivered to CanadaDocks Inc.™ A copy of the original sales receipt, must accompany all claims. The freight on the defective goods is the responsibility of the consumer. Obligation under this warranty is limited to repair, replacement, or credit for the defective product, provided that CanadaDocks Inc. determines that the product defect was not the result of misuse or neglect. Freight on the repaired or replaced products is the responsibility of the consumer.
- Some States and/or Provinces do not allow the limitation of incidental or consequential damages, or on the duration of an implied warranty so the above limitations or exclusions may not apply to you. This warranty may vary from State to State or Province to Province. This warranty gives you specific legal rights and you may also have other rights which vary from State to State or Province to Province.
- This warranty does not extend to anyone except the original buyer. This warranty does not apply to decking materials, floats, galvanized inner tubing for legs, footpads and dock accessories which may carry their own warranty.
- Before installing your CanadaDocks™ examine the lake bottom carefully to ensure that the lake bottom is stable where the feet of the CanadaDocks™ will rest. Always wear clothing appropriate to conditions when installing, repairing or removing your CanadaDocks™. Monitor children carefully on or about the dock. It is the owner's responsibility to inspect and properly maintain the dock and surrounding area.
- Your CanadaDocks™ structure is rated to take, evenly spread, up to 1000 lbs (453 kilograms) in weight per standing section. CanadaDocks™ floating docks capacity is based on the buoyancy of the floats. Do not overload the dock. Your warranty will not apply if your CanadaDocks™ is improperly assembled or attached to the shore. This warranty does not apply to damage caused by improper installation, overloading, impact by boats or other objects in the water, damage by severe weather conditions including snow or ice, insufficient anchoring or other Acts of God. CanadaDocks Inc.™ recommends removing the dock for winter storage. The warranty will not extend to repairs made by anyone other than CanadaDocks™ Inc.
- To receive more information or to service the obligations under this warranty, contact CanadaDocks Inc.™ at 1-877-434-0359 or at the following mailing address:  
CanadaDocks Inc.™ 3690 Adjala-Tecumseth Townline RR2 Beeton, Ontario Canada L0G 1A0  
Website: [www.canadadocks.ca](http://www.canadadocks.ca)  
Email: [info@canadadocks.ca](mailto:info@canadadocks.ca)

### TRADEMARK

- CanadaDocks™ logo is a trademark of CanadaDocks Inc.

**IN ORDER TO VALIDATE YOUR WARRANTY PLEASE VISIT OUR WEBSITE:**  
[www.canadadocks.ca/warranty](http://www.canadadocks.ca/warranty)

## NEED ADDITIONAL INFORMATION?



705-434-0359  
1-877-434-0359



info@canadadocks.ca



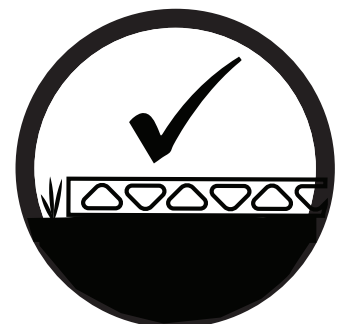
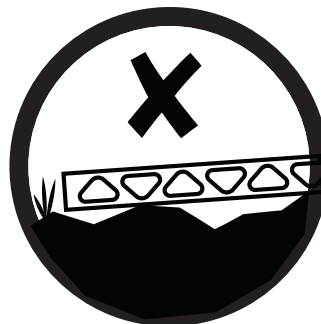
3690 Adjala-Tecumseth TL, Beeton ON L0G 1A0



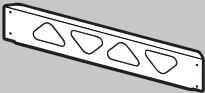
Mon-Fri 9am-4pm (Eastern time)

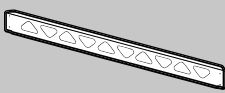



## BEFORE YOU START




## 4x8 DOCK & RAMP PART LIST


T4  X2

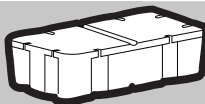
T8  X2

SSTUB  X4

CF2  X4

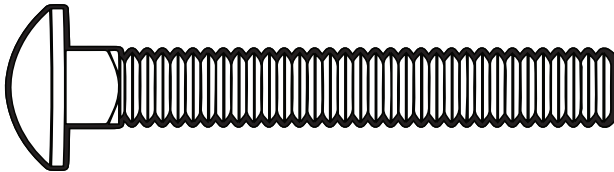
J47  X3

J95  X2

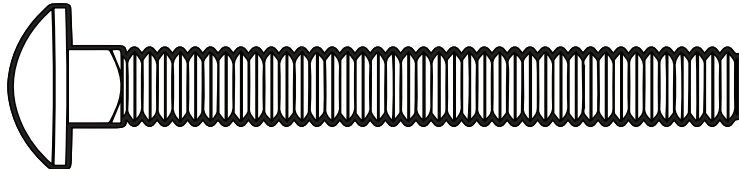
F4  X2

## HARDWARE TO SCALE

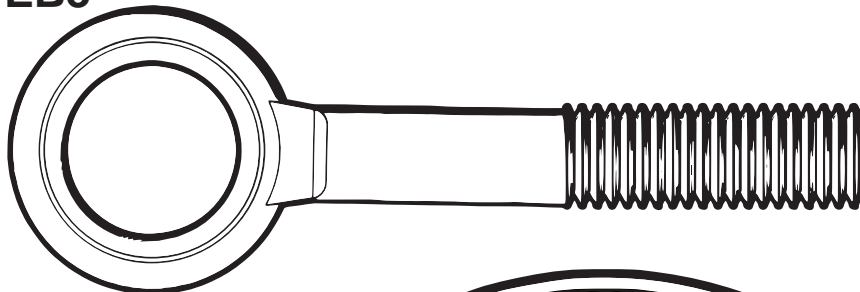
CB3G



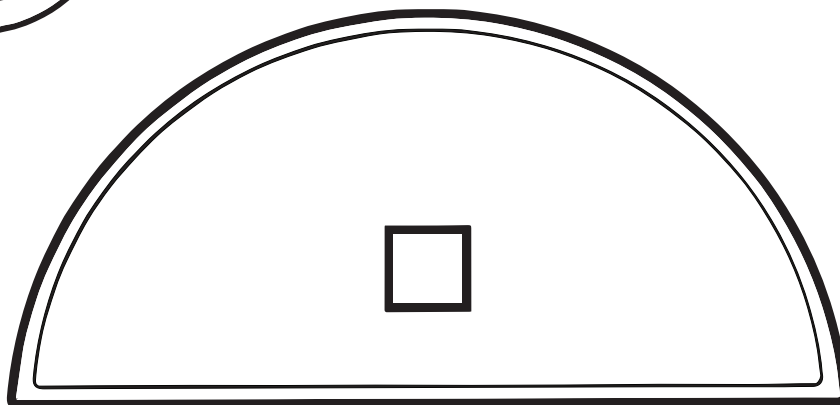
CB35S



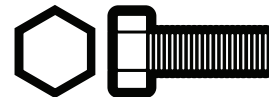
EB3



BD1



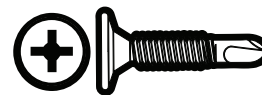
B2558



NL25



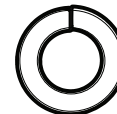
STF075



NL38



WS38



NG38



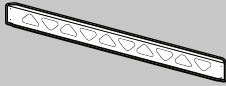
FP1





## 8x8 DOCK & RAMP PART LIST

T8



X4

f8



X2

SSTUB



X4

CF2



X4

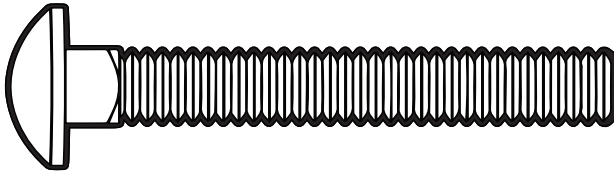
J95



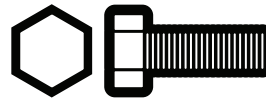
X5

## HARDWARE TO SCALE

CB3G



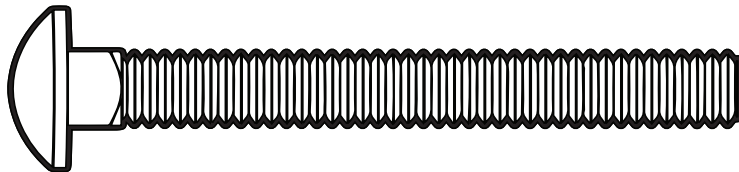
B2558



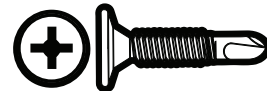
NL25



CB35S



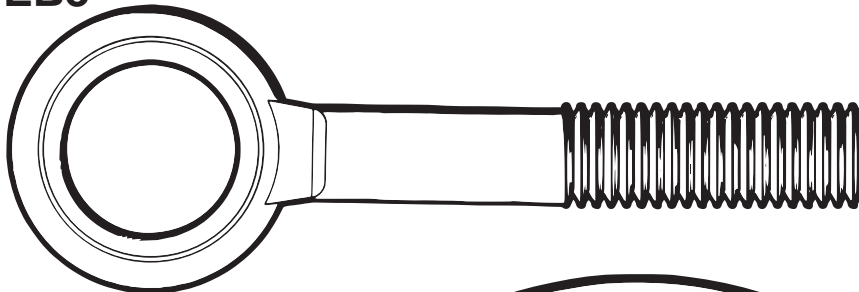
STF075



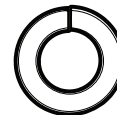
NL38



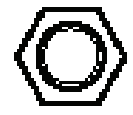
EB3



WS38



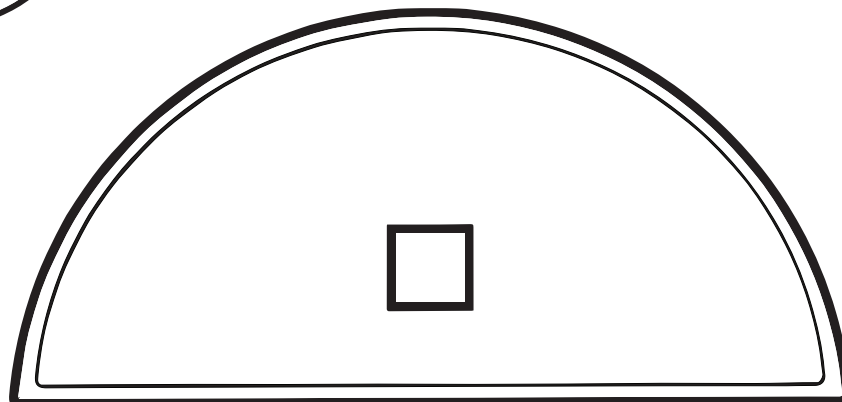
NG38



FP1



BD1



## 4x8 DOCK PART LIST

T4	4' Aluminum Truss	x2
T8	8' Aluminum Truss	x2
SSTUB	Square Aluminum Tube	x4
CB35S	3/8" x 3-1/2" Carriage Bolt	x16
NL38	3/8" Lock Nut	x16
J47	47" Joist	x3
J95	95" Joist	x2
STF075	#12 x 3/4" Flat Phil Tek Screws*	x32
CF2	Corner Brace	x4
B2558	1/4" x 5/8" Hex Cap Screw	x24
NL25	1/4" Lock Nut	x24
F4	Float (2' x 4' x 12")	x2
FP1	Float Plugs	x2
CB3G	3/8" x 3" Carriage Bolt HDG	x12
EB3	3/8" x 3" Eye Bolt HDG	x4
BD1	3/8" D-Washer	x16
WS38	3/8" Split Lockwasher HDG	x16
NG38	3/8" Hex Nut HDG	x16

\* Included in **YELLOW** bag

## 4x8 RAMP PART LIST

T4	4' Aluminum Truss	x2
T8	8' Aluminum Truss	x2
SSTUB	Square Aluminum Tube	x4
CB35S	3/8" x 3-1/2" Carriage Bolt	x16
NL38	3/8" Lock Nut	x16
J47	47" Joist	x3
J95	95" Joist	x2
STF075	#12 x 3/4" Flat Phil Tek Screws*	x32
CF2	Corner Brace	x4
B2558	1/4" x 5/8" Hex Cap Screw	x24
NL25	1/4" Lock Nut	x24
F4	Float (2' x 4' x 12")	x1
FP1	Float Plugs	x1
CB3G	3/8" x 3" Carriage Bolt HDG	x8
BD1	3/8" D-Washer	x8
WS38	3/8" Split Lockwasher HDG	x8
NG38	3/8" Hex Nut HDG	x8

\* Included in **YELLOW** bag

## 8x8 DOCK PART LIST

T8	8' Aluminum Truss	x4
SSTUB	Square Aluminum Tube	x4
CB35S	3/8" x 3-1/2" Carriage Bolt	x16
NL38	3/8" Lock Nut	x16
J95	95" Joist	x8
STF075	#12 x 3/4" Flat Phil Tek Screws*	x62
CF2	Corner Brace	x4
B2558	1/4" x 5/8" Hex Cap Screw	x24
NL25	1/4" Lock Nut	x24
F8	Float (2' x 8' x 12")	x2
FP1	Float Plugs	x2
CB3G	3/8" x 3" Carriage Bolt HDG	x12
EB3	3/8" x 3" Eye Bolt HDG	x4
BD1	3/8" D-Washer	x16
WS38	3/8" Split Lockwasher HDG	x16
NG38	3/8" Hex Nut HDG	x16

\* Included in **RED** bag

## 8x8 RAMP PART LIST

T8	8' Aluminum Truss	x4
SSTUB	Square Aluminum Tube	x4
CB35S	3/8" x 3-1/2" Carriage Bolt	x16
NL38	3/8" Lock Nut	x16
J95	95" Joist	x8
STF075	#12 x 3/4" Flat Phil Tek Screws*	x62
CF2	Corner Brace	x4
B2558	1/4" x 5/8" Hex Cap Screw	x24
NL25	1/4" Lock Nut	x24
F8	Float (2' x 8' x 12")	x1
FP1	Float Plugs	x1
CB3G	3/8" x 3" Carriage Bolt HDG	x8
BD1	3/8" D-Washer	x8
NG38	3/8" Hex Nut HDG	x8
WS38	3/8" Split Lockwasher HDG	x8

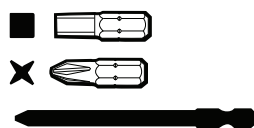
\* Included in **RED** bag

## DECKING

For Decking options please see page 23

## TOOLS REQUIRED

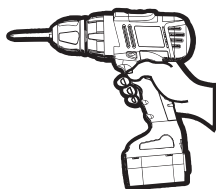
### CHECK LIST



#3 Robertson Bit (Short & 4" or longer)  
or  
#3 Phillips Bit (Short & 4" or longer)

☐

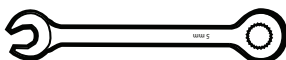

13/32" Drill

☐


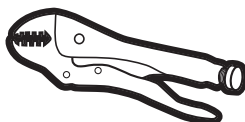
Driver

☐

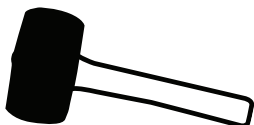

9/16" & 7/16" Deep Socket  
with ratchet to suit

☐


9/16" & 7/16" Box End Wrench

☐


Locking Pliers

☐


Mallet

☐


3/8" Allen Wrench

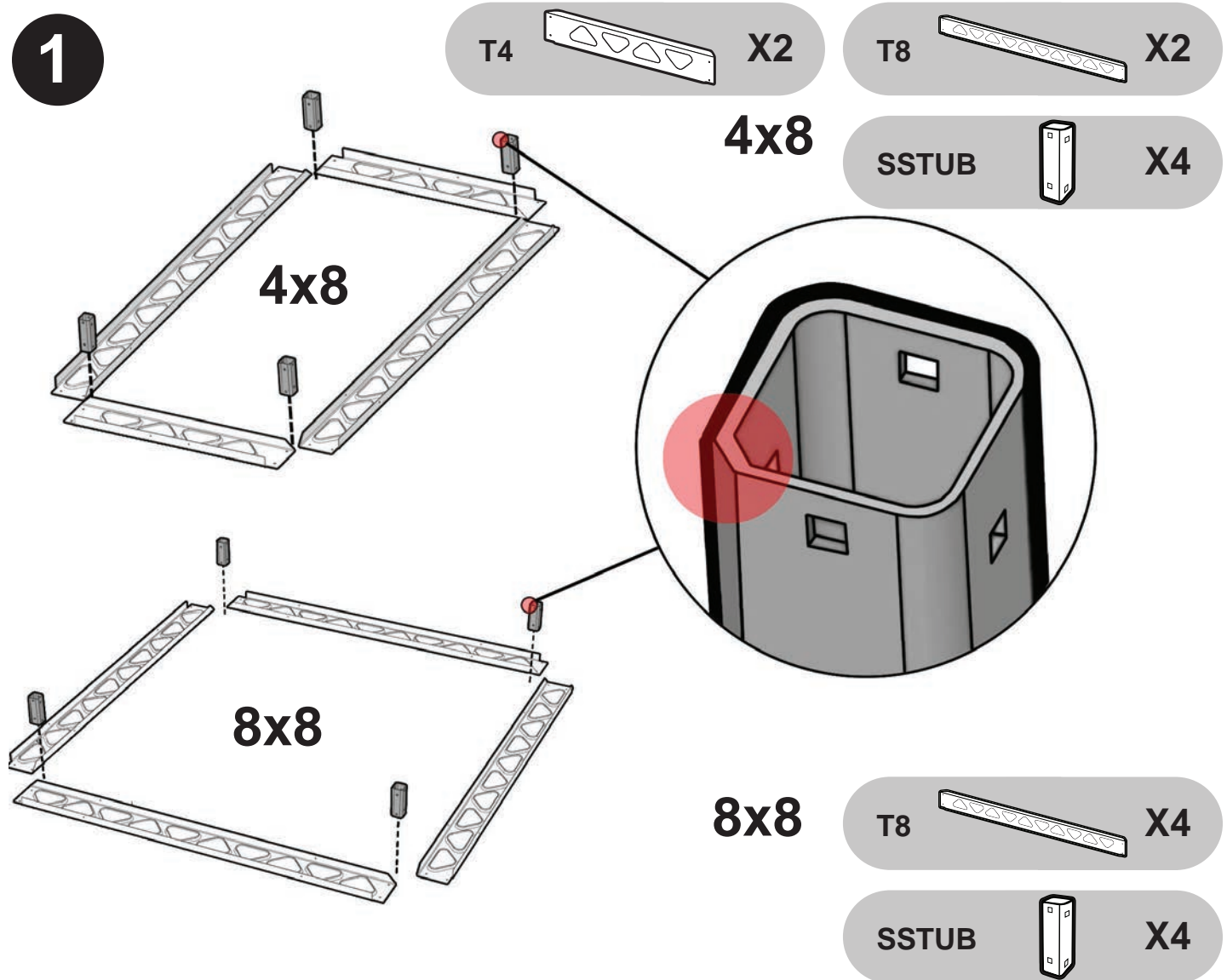
☐


Safety Glasses

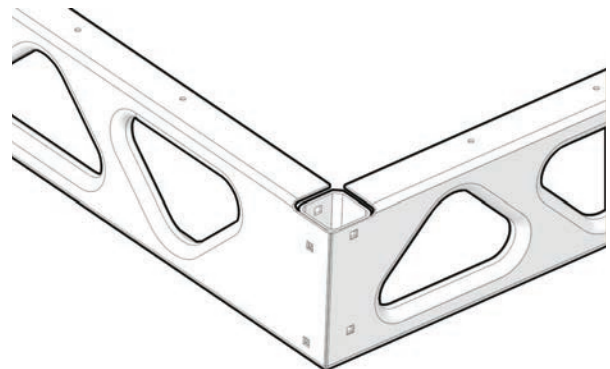
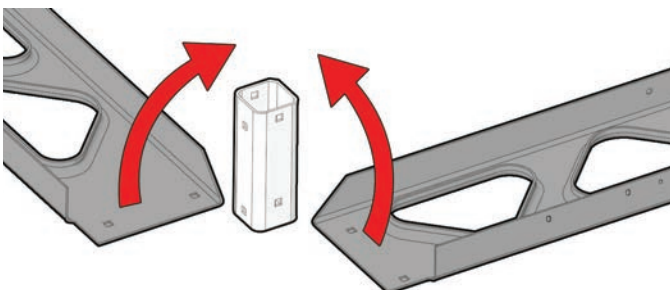
☐

## INSTRUCTIONS

1

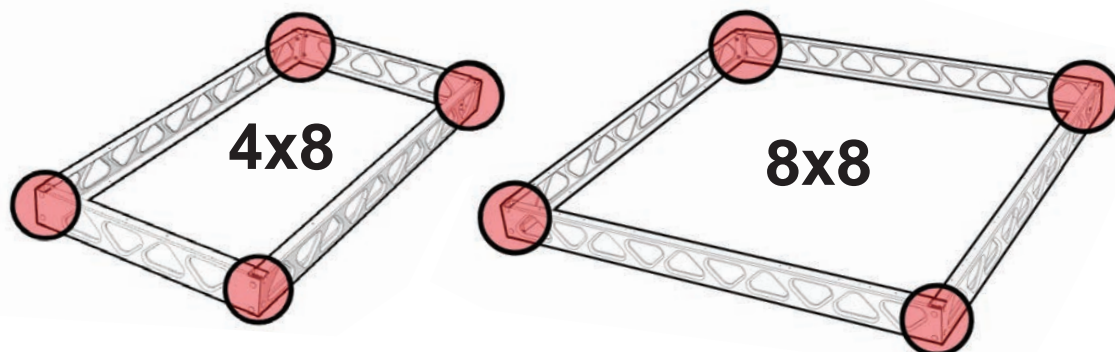


2



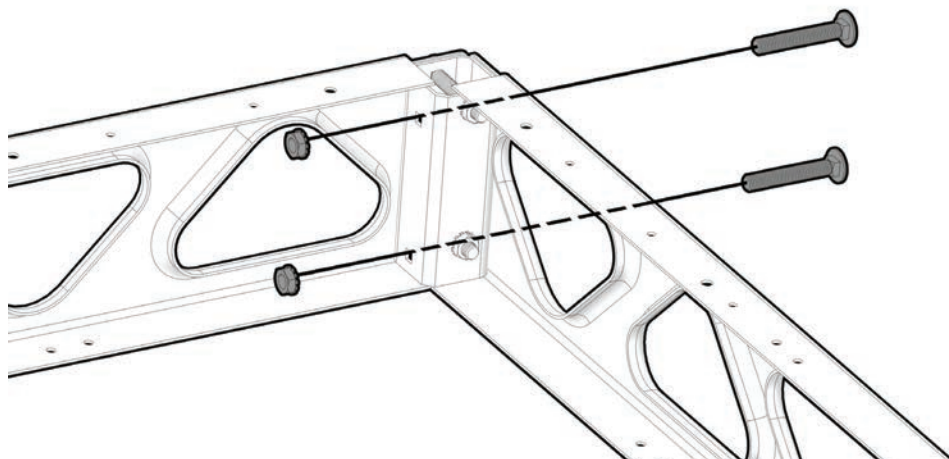
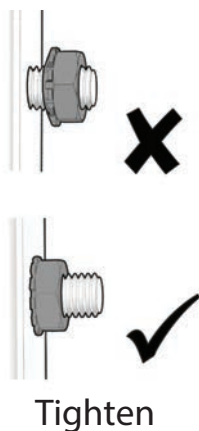
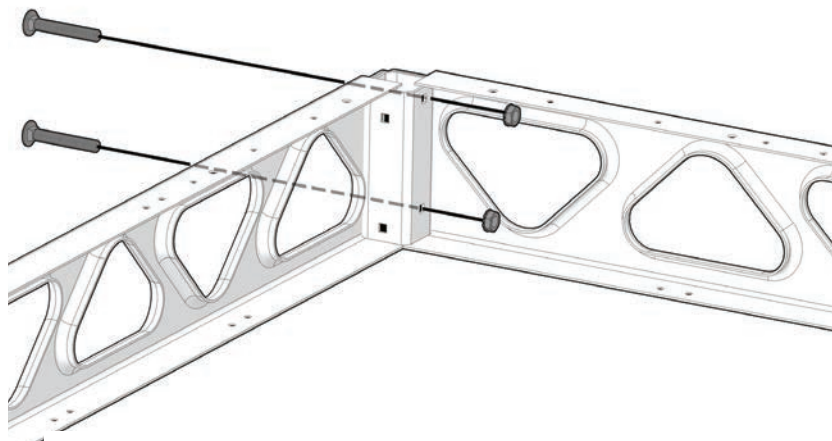
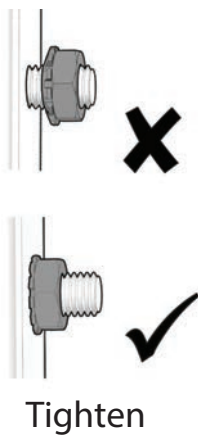
## FRAME

3



CB35S  X16

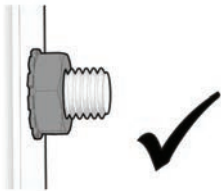
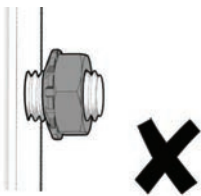
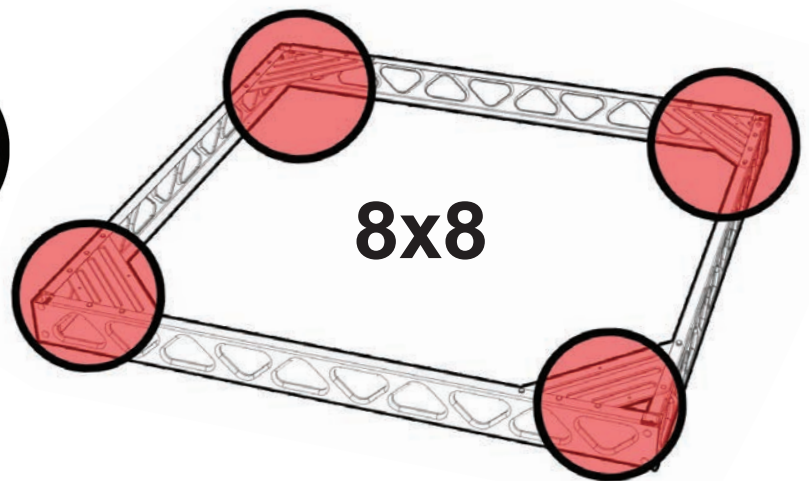
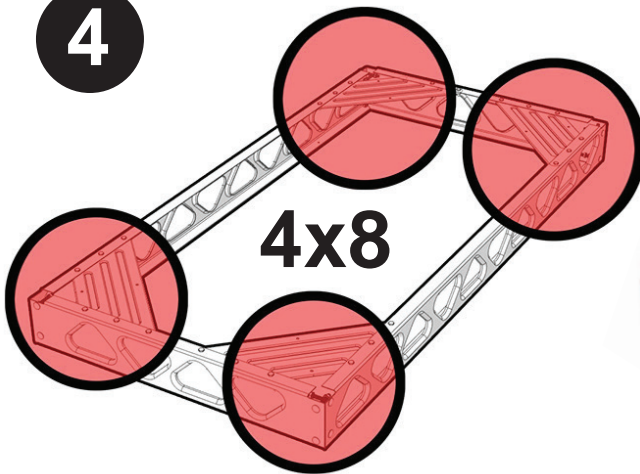
NL38  X16





## CORNER BRACE

4

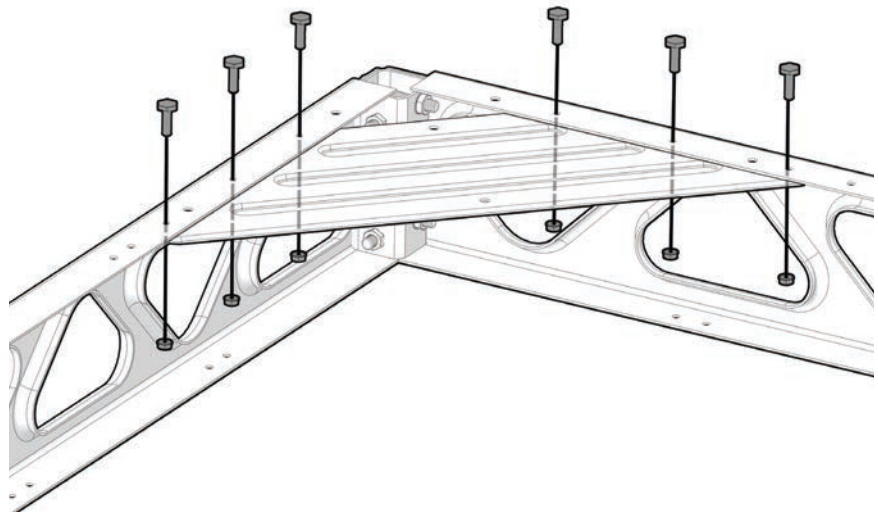
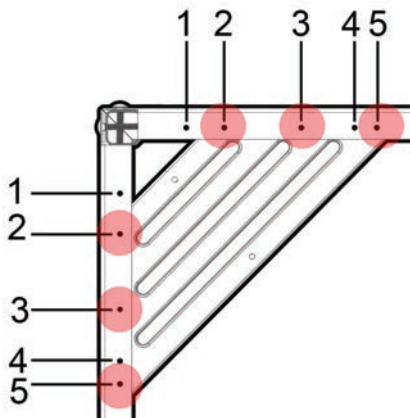


Tighten

B2558  X24

NL25  X24

CF2  X4



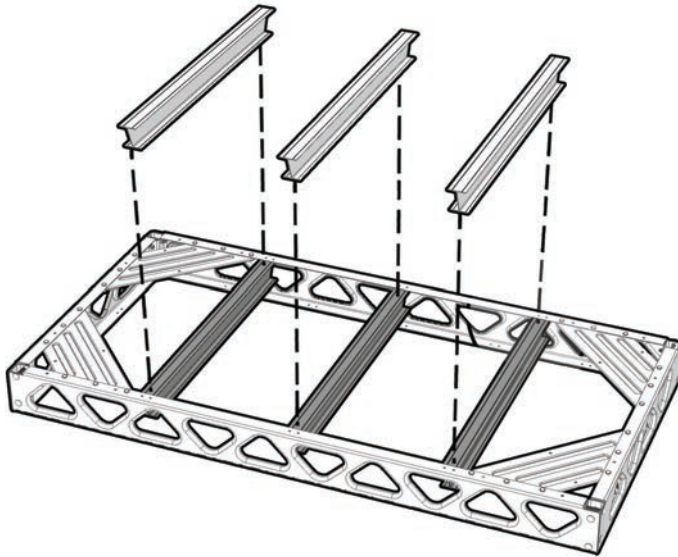


## JOIST INSTALLATION

5

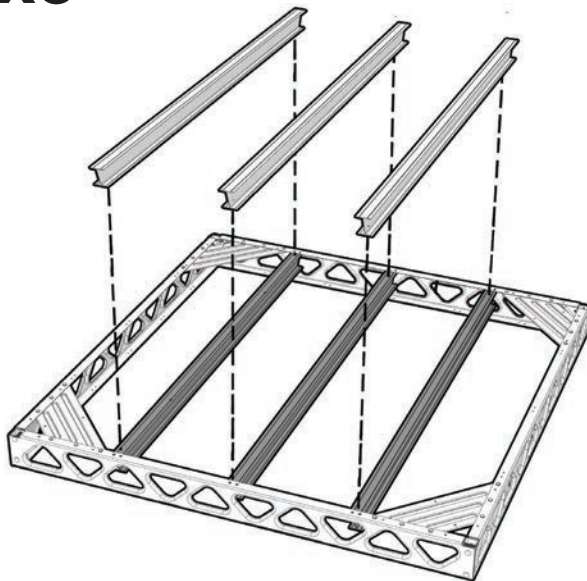
4x8

J47  X3



8x8

J95  X3



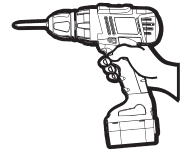
**If you are building:**

4x8 Floating Dock      see page 12  
4x8 Floating Ramp      see page 12  
4x8 Ramp                see page 12

8x8 Floating Dock      see page 13  
8x8 Floating Ramp      see page 14  
8x8 Ramp                see page 14

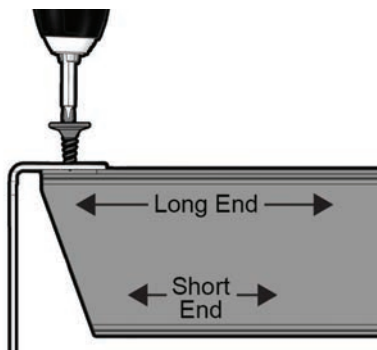
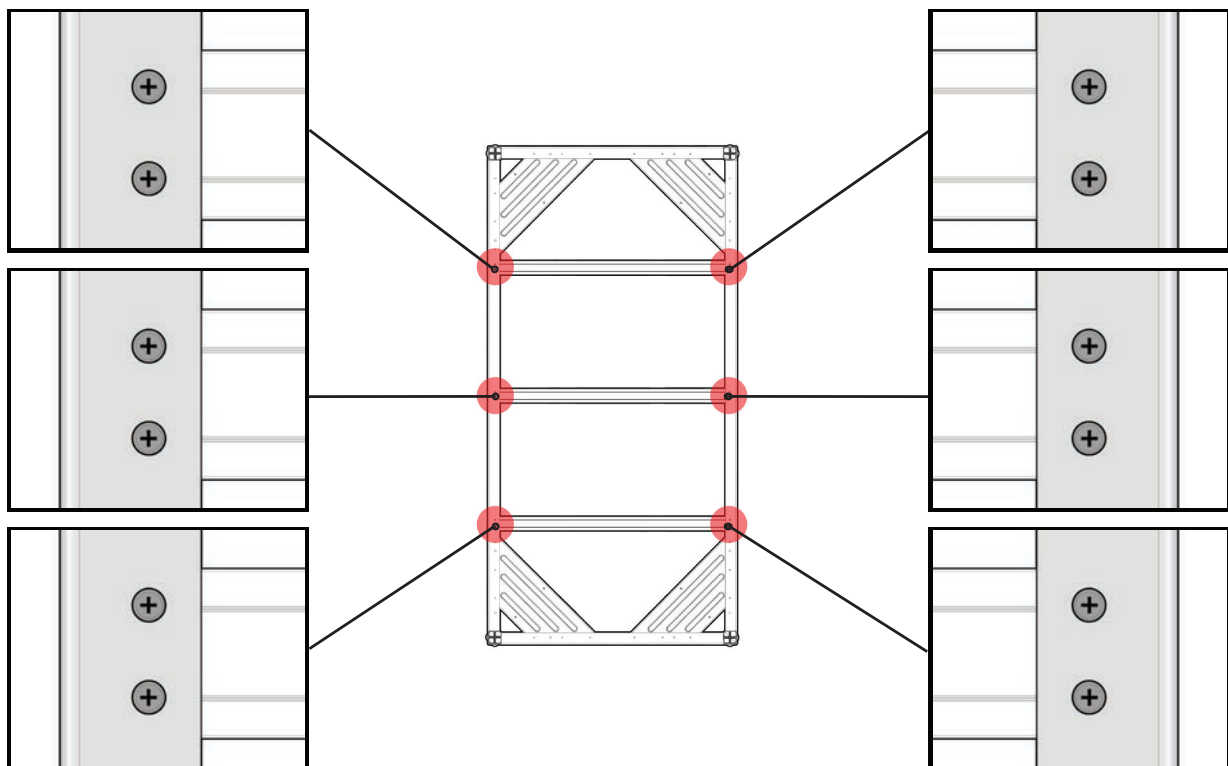
## JOIST INSTALLATION

### 6 4x8 Floating Dock, Floating Ramp & Ramp



STF075  X12

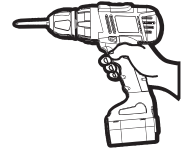
Place and fasten two screws in the pre-drilled holes provided.  
Do this for both ends of the joist. See chart below for hole locations.



Ensure the long end of the joist  
is facing upwards when placing joists.

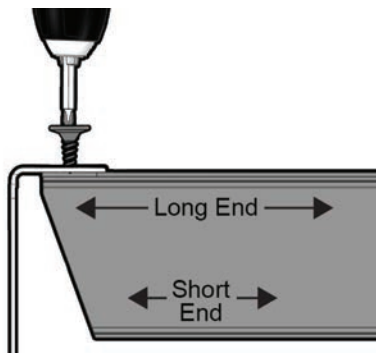
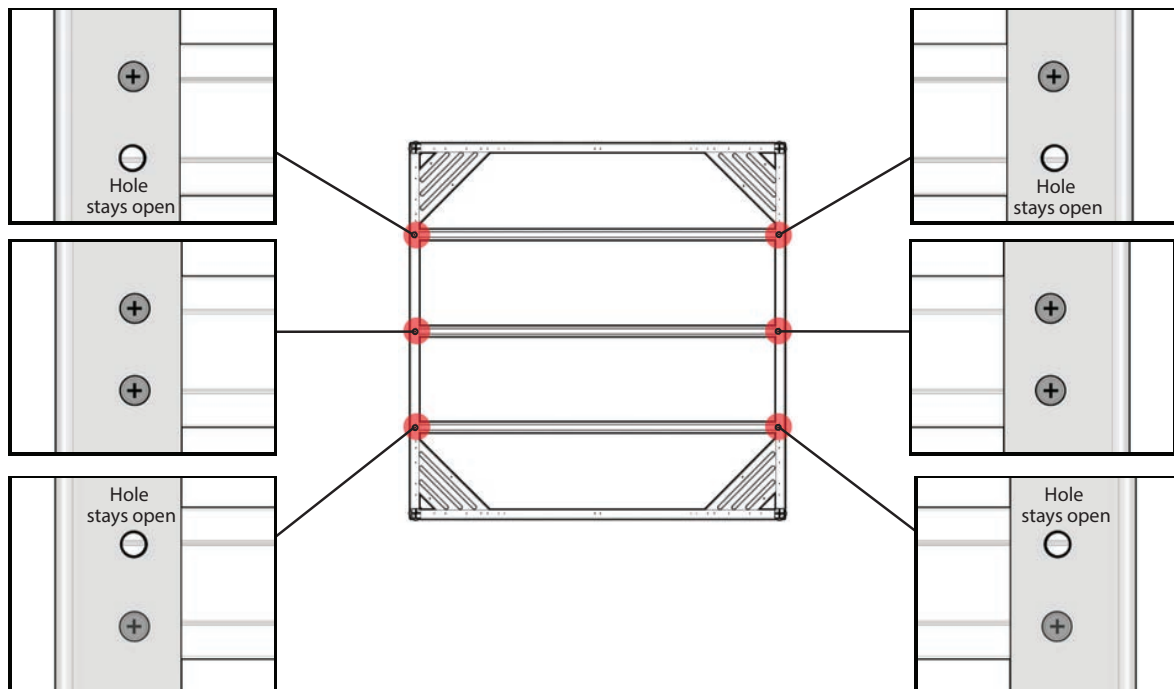
Space joists evenly between both trusses.

## 8x8 Floating Dock



STF075  X8

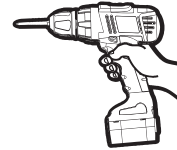
Place and fasten screws in the pre-drilled holes provided.  
Do this for both ends of the joist. See chart below for hole locations.



Ensure the long end of the joist  
is facing upwards when placing joists.

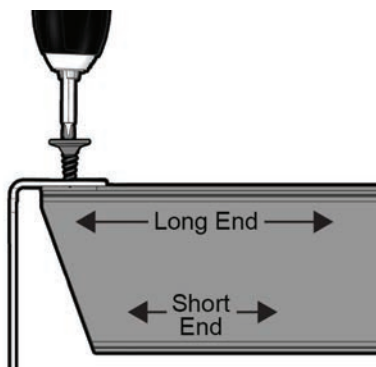
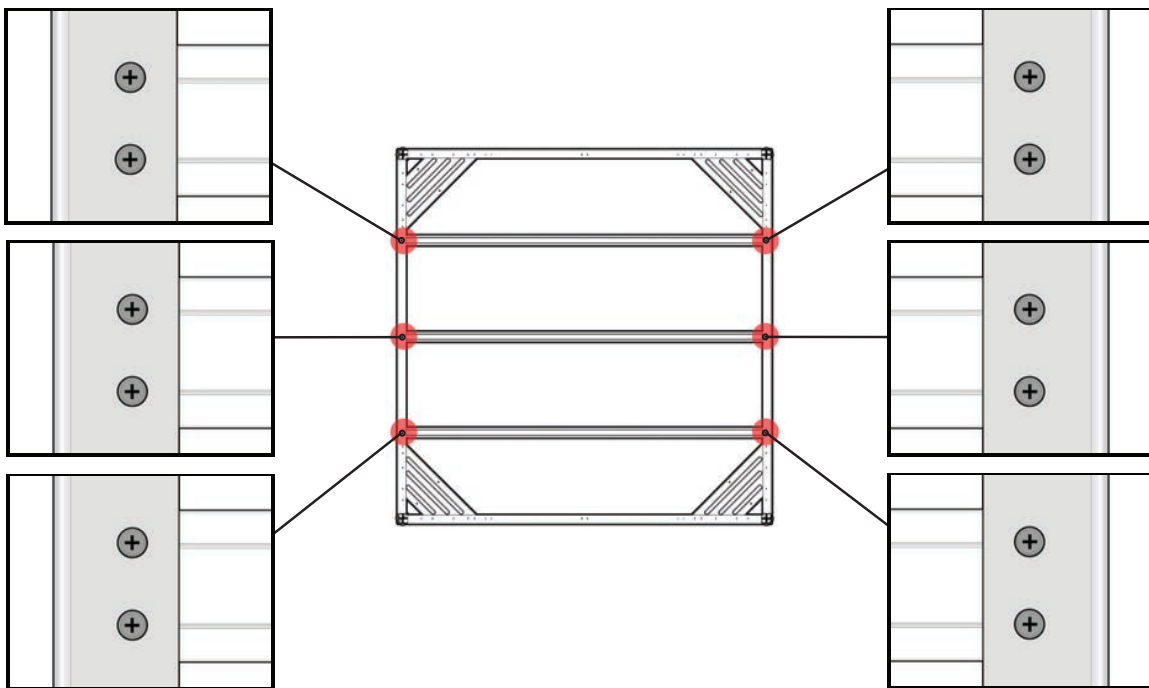
Space joists evenly between both trusses.

## 8x8 Floating Ramp / 8x8 Ramp



STF075  X12

Place and fasten screws in the pre-drilled holes provided.  
Do this for both ends of the joist. See chart below for hole locations.



Ensure the long end of the joist  
is facing upwards when placing joists.

Space joists evenly between both trusses.

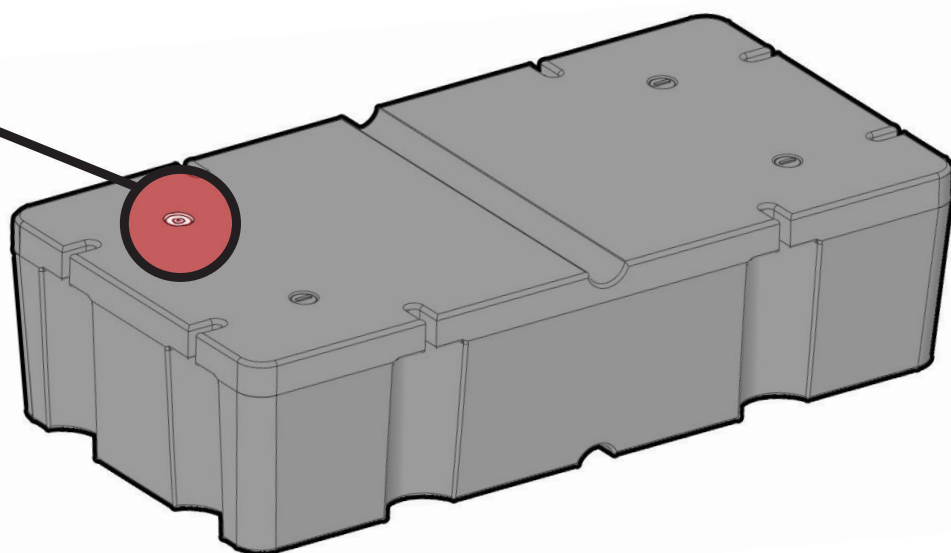
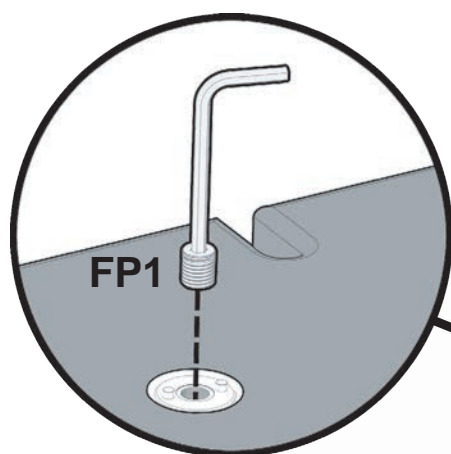
## FLOAT INSTALLATION

7

FP1



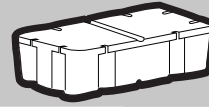
X1 per float



## FLOAT INSTALLATION

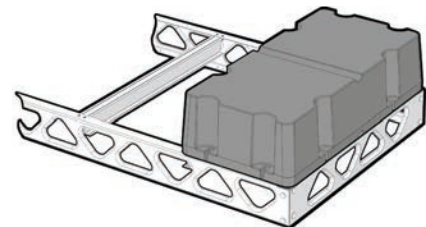
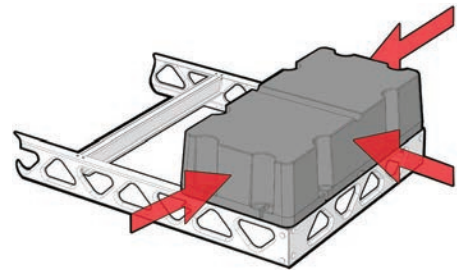
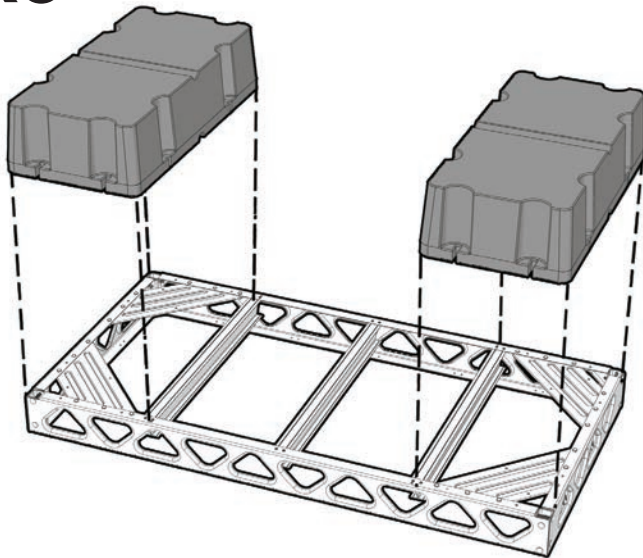
8

F4



X2

4x8



For RAMPS it is only necessary to install one float.  
(See page 18 for float placement.)

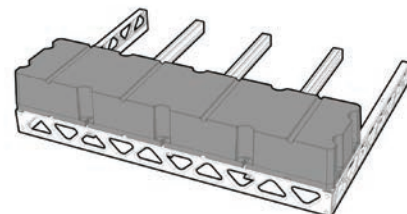
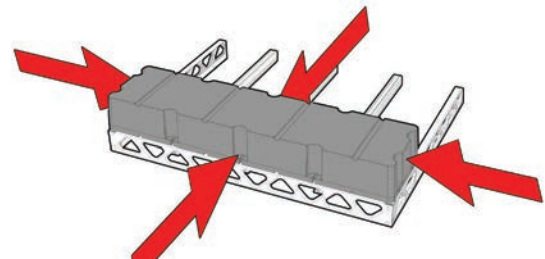
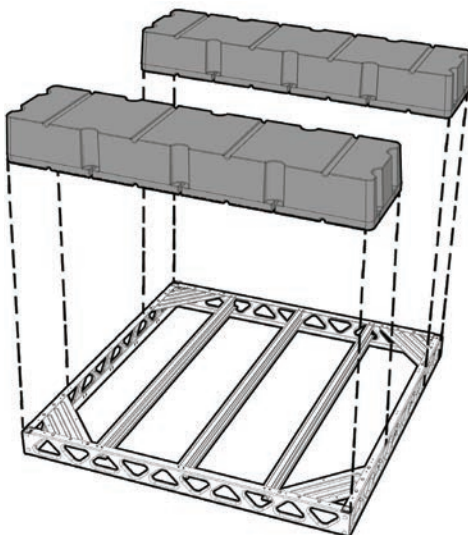
Ensure the float is square to  
the truss frame.

8x8

F8



X2



For RAMPS it is only necessary to install one float. Floats for ramps will  
be placed in the opposite orientation compared to a two float dock.  
Please see page 18 for float placement.

Ensure the float is square to  
the truss frame.



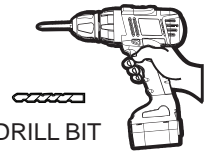
## FLOAT INSTALLATION

9

To install the floats it is necessary to drill some holes on the joists. Use the chart below to find the location of each hole to drill.

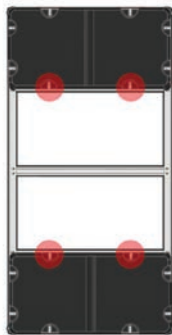


For **FLOATING RAMPS** it is only necessary to drill holes for only one float (See page 18).

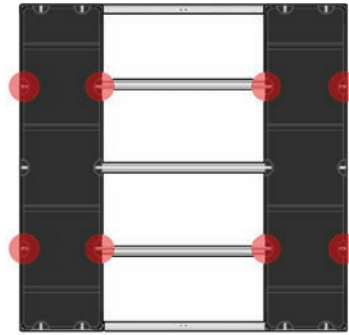


13/32" DRILL BIT

4x8 Floating Dock



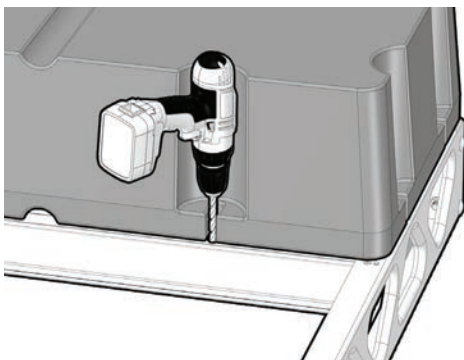
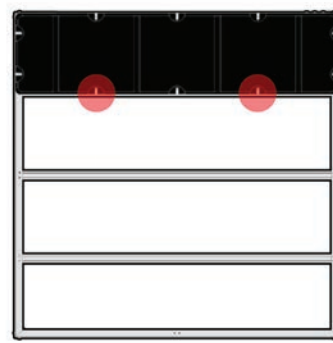
8x8 Floating Dock



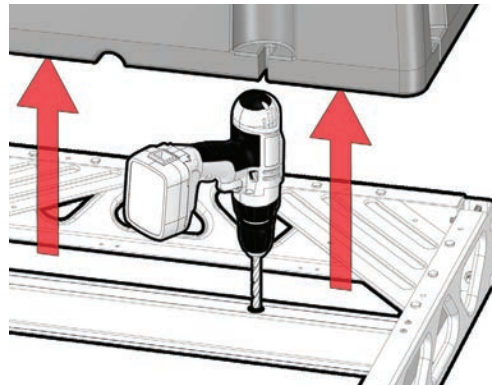
4x8 Floating Ramp



8x8 Floating Ramp



OR

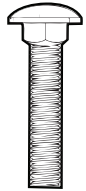


## FLOAT HARDWARE INSTALLATION

10

The chart below shows the location of all fasteners used for floats. The location of carriage bolts used are shown with a red diamond and eyebolts shown with a blue circle.

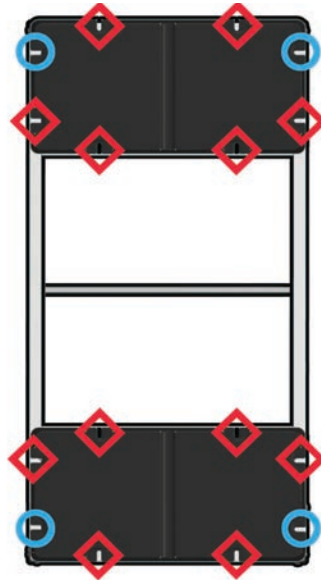
CB3G



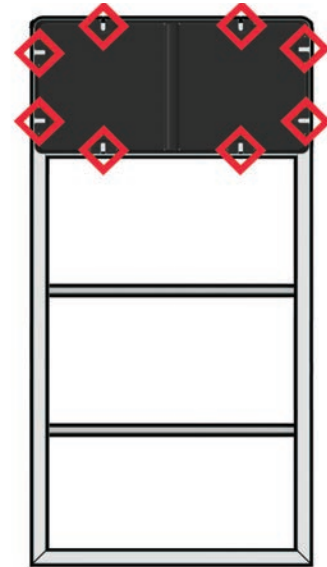
EB3



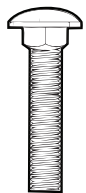
4x8 FLOATING DOCK



4x8 FLOATING RAMP



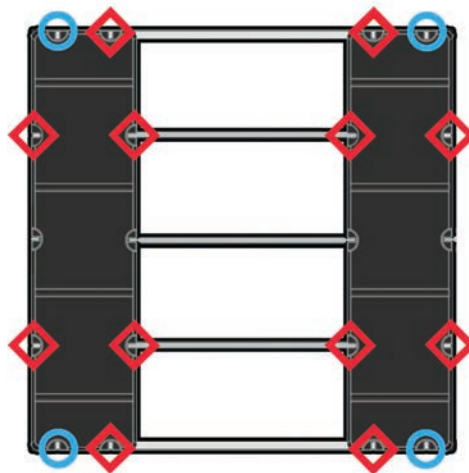
CB3G



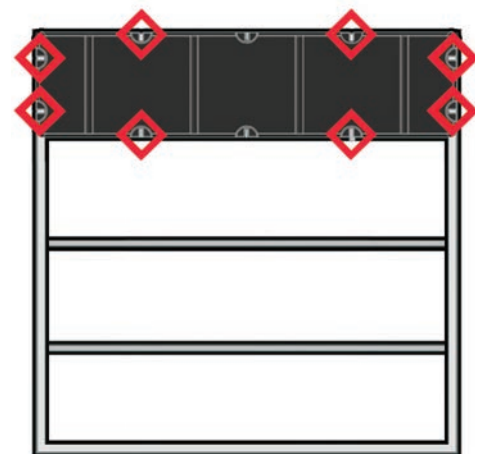
EB3



8x8 FLOATING DOCK



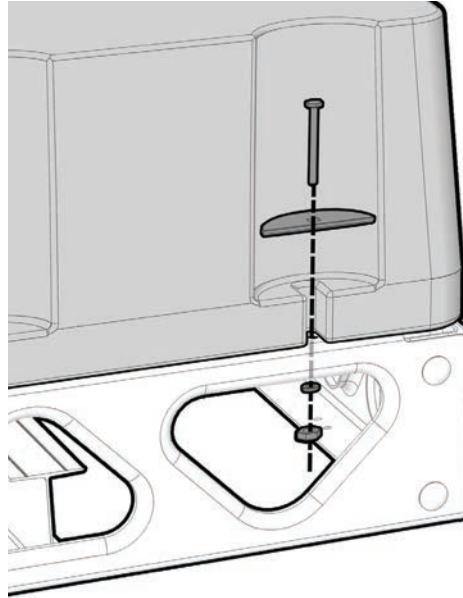
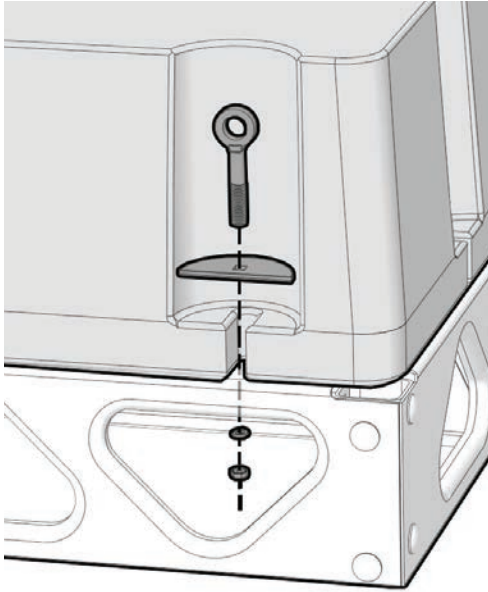
8x8 FLOATING RAMP



**PLEASE NOTE:** It is not necessary to use the middle slots for fastening the floats for 8x8 docks & ramps.

## FLOAT HARDWARE INSTALLATION

**11** See chart in **Step 10** for hardware locations and quantities.



CB3G

EB3

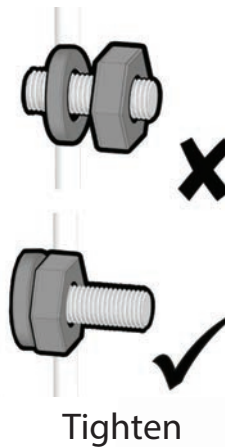
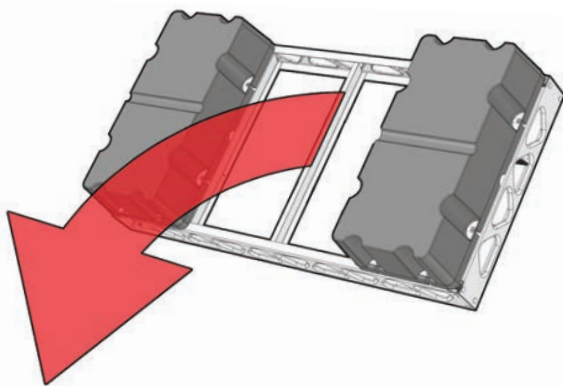
BD1

WS38

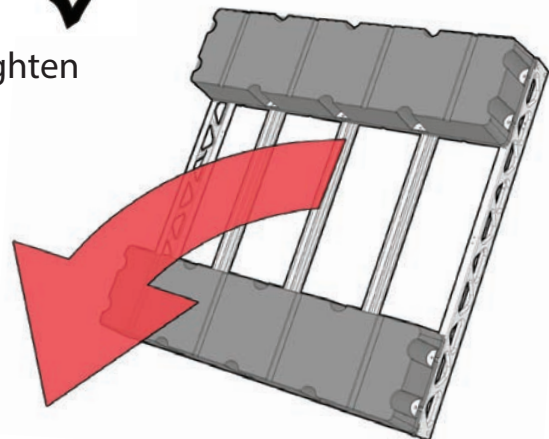
NG38

**12**

4x8



8x8



Flip frame over so floats are on bottom.

**PLEASE NOTE:** Ramps may need to be placed on a support during assembly.

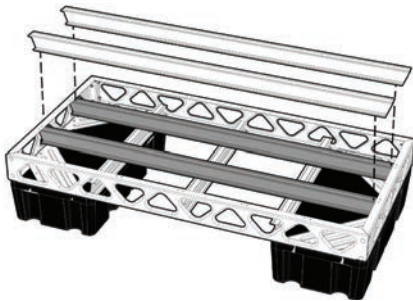
## UPPER JOIST INSTALLATION

13

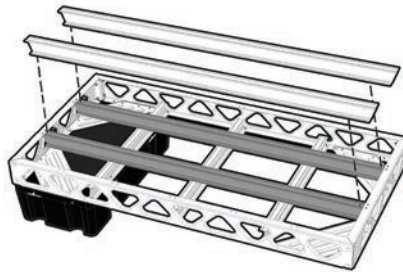
J95  X2

### 4x8

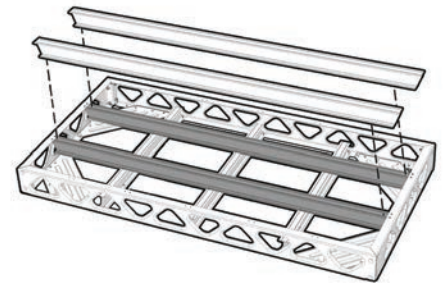
Floating Dock



Floating Ramp



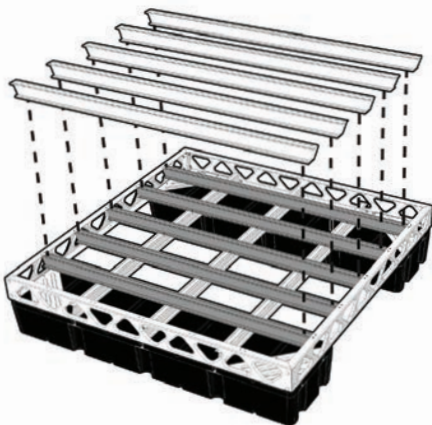
Ramp



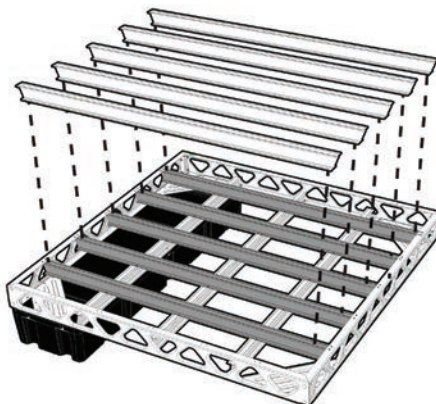
J95  X5

### 8x8

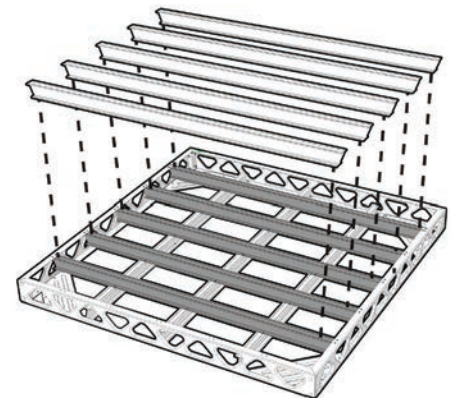
Floating Dock



Floating Ramp



Ramp

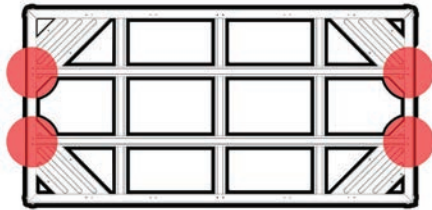




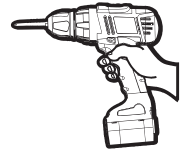
## UPPER JOIST INSTALLATION

14

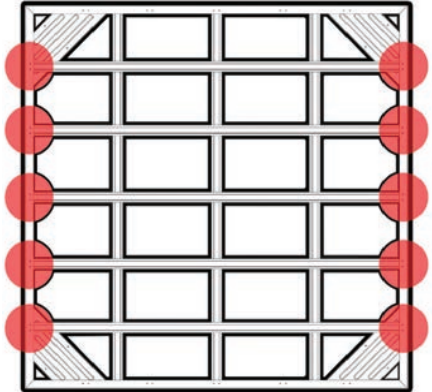
4x8



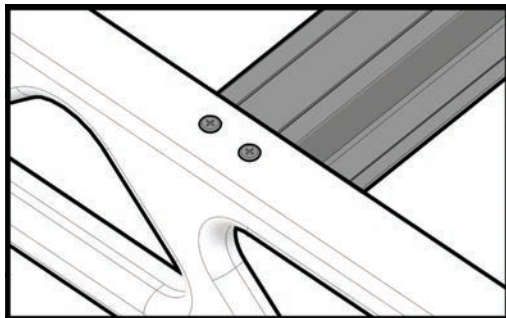
STF075  X8



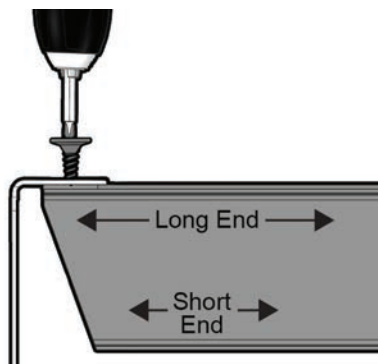
8x8



STF075  X20



Place and fasten two screws in the pre-drilled holes provided. See chart above for screw location placement.

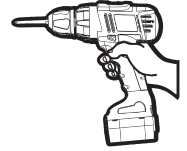


Ensure the long end of the joist is facing upwards when placing joists.

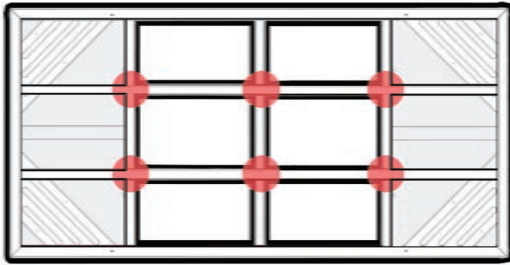
Space joists evenly between both trusses.

15

## JOIST INTERSECTIONS

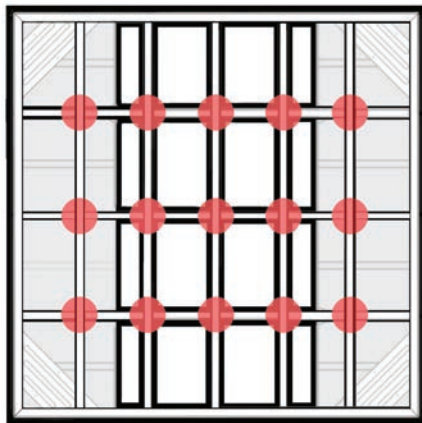


4x8



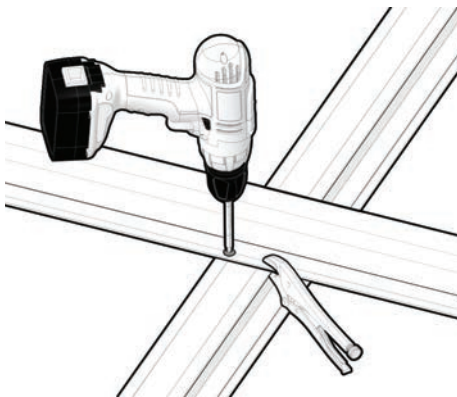
STF075  X12

8x8

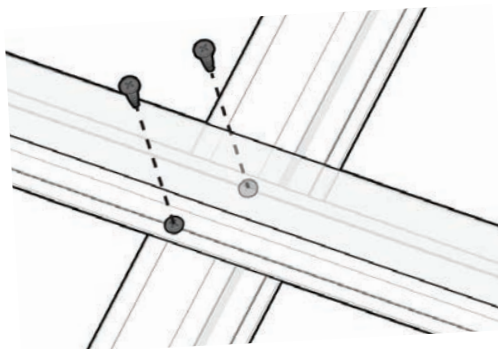


STF075  X30

**PLEASE NOTE:** It is suggested to use a 4" or longer Philips #3 Bit for fastening joist intersections.



CLAMP INTERSECTION

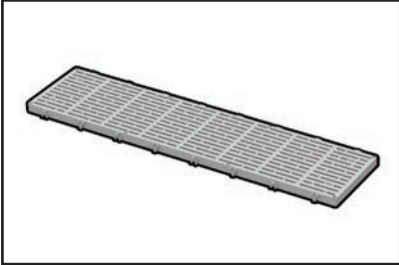



FASTEN INTERSECTION WITH SCREWS  
FASTEN TWO SCREWS DIAGONAL FROM ONE ANOTHER

At each joist intersection clamp both overlapping joists together. Place two screws at the bottom flange of the top joist in a diagonal pattern (see image above). Intersection locations for dock types are shown on the chart above.



## DECKING OPTIONS

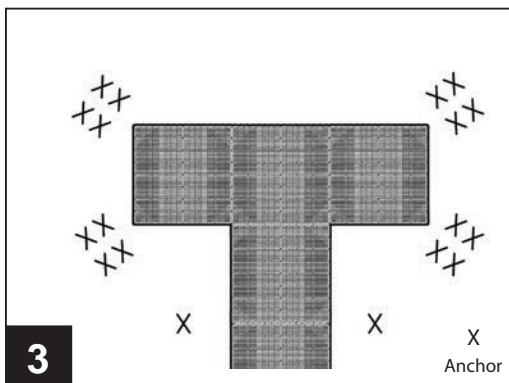
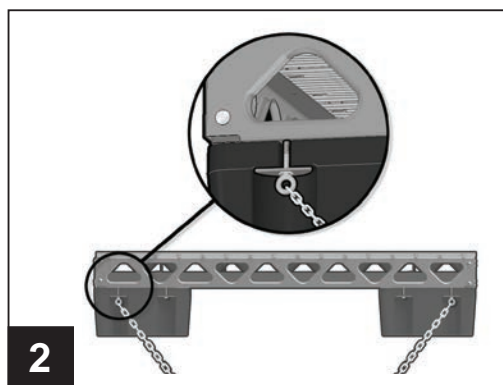
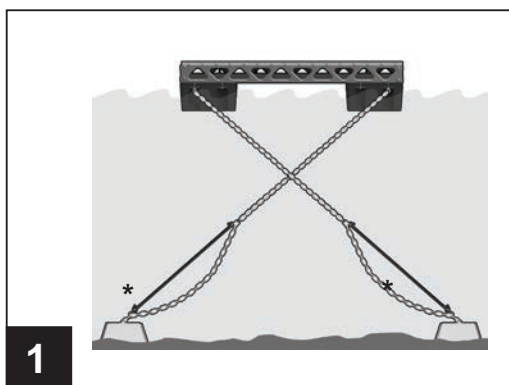
- A**  **THRUFLOW™ DECKING**  
If using ThruFlow™ Decking please follow the **ThruFlow™ Decking instructions** on the next page or at [www.canadadocks.ca/assembly-instructions](http://www.canadadocks.ca/assembly-instructions)
- B**  **WOOD DECKING**  
If installing wood decking - see additional instructions at [www.canadadocks.ca/assembly-instructions](http://www.canadadocks.ca/assembly-instructions)  
NOTE: Check with your local building codes and regulations when constructing the deck.  
**CAUTION: DO NOT USE GREEN PRESSURE TREATED WOOD WITH CANADADOCKS™ FRAMES**, the preservative reacts with aluminum frames.

## ANCHORING

**STOP** Proper anchoring is **REQUIRED** based on a number of factors including the size of dock and water conditions (which may include local currents, wave size etc.)

When anchoring your dock system it is recommended to use an "X" pattern for arranging the chains for your anchors (see Image 1). For Floating Docks attach chains to Eye Bolts (see Image 2). We recommend at least 4 anchors (600 lbs.) per corner of your main dock (See Image 3).

PLEASE NOTE: If purchasing chain for your anchors ensure you use a minimum size and grade of G30 1/4" galvanized chain.

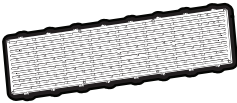




**\* Optional**

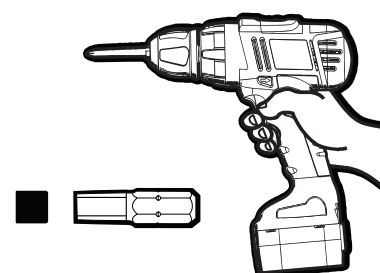
Anchor Chain Tension Cord is recommended for anchoring floating docks.  
Part Number ACTC01

# THRUFLOW INSTALLATION

## INCLUDED WITH KIT:

DK1x4 (Thruflow™ Panel)		X8 (4x8 Dock) X16 (8x8 Dock)
STR10	 Robertson #2	X64 (4x8 Dock) X128 (8x8 Dock)
Decking Spacer		X2

## TOOLS REQUIRED:



Driver with Robertson #2 Bit

## INCLUDED IN DOCK KIT:

LC1 (Metal Corner Insert)		X4
---------------------------	---	----

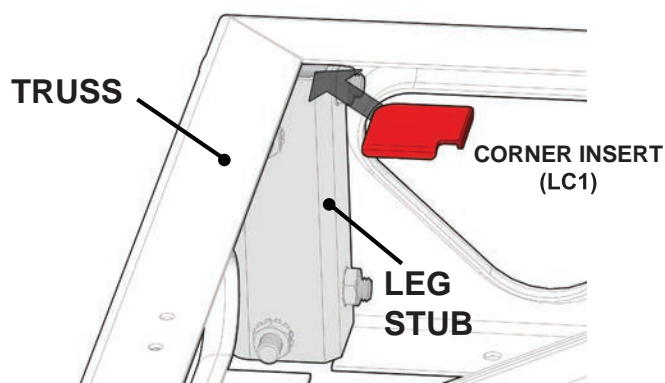
# INSTALLATION FOR 4X8 DOCK/RAMP

1

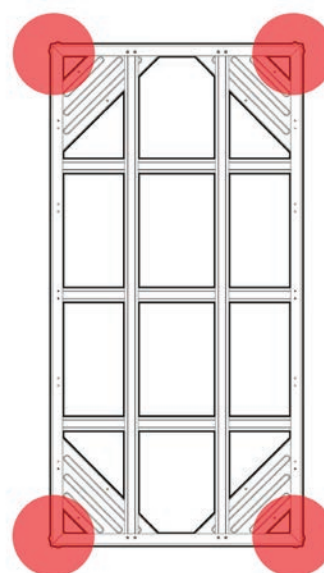
LC1  
Corner Insert



X4

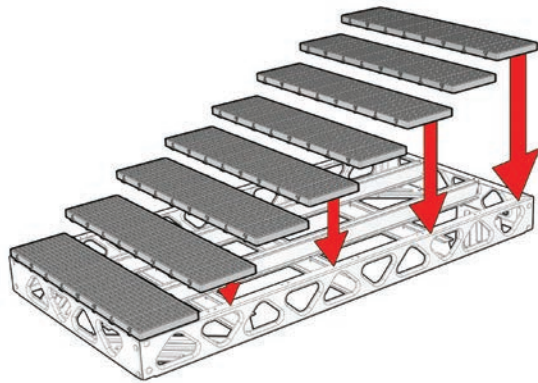



**PLEASE NOTE:** Ensure the Corner Insert is placed between the truss and leg stub.

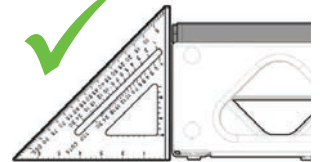
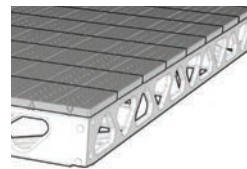
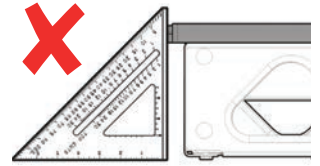
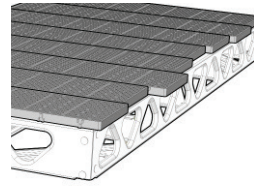


Install one Corner Insert (LC1) into each corner of the dock frame. Slide the Corner Insert (LC1) completely between the lip of the truss frame and the corner leg stub (See sideview image above).

2

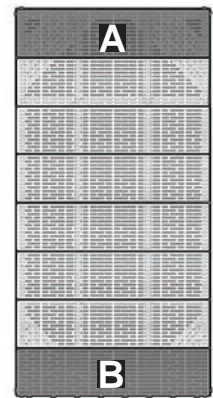
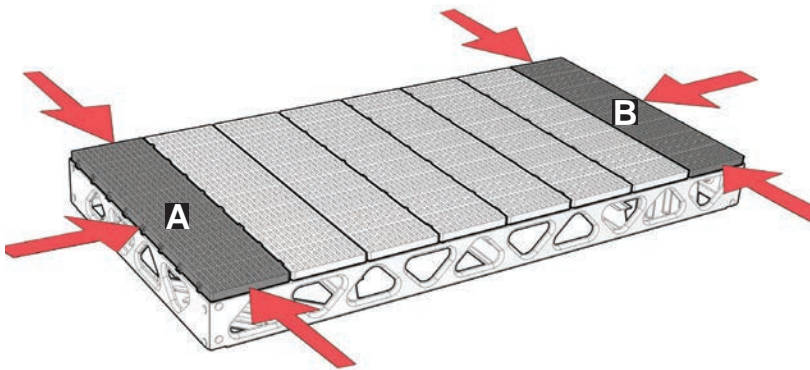


DK1x4  X8  
Thurflow™ Panel



Place all 8 panels on the dock frame. Ensure decking is flush with dock frame.

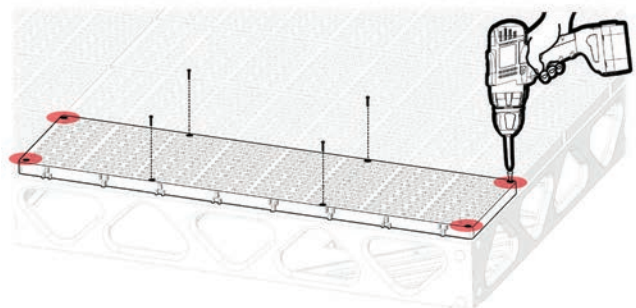
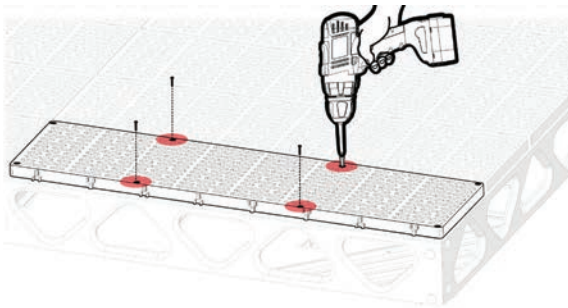
3



Align panels A & B so they are flush with the front and sides of the dock.

4

STR10  X16



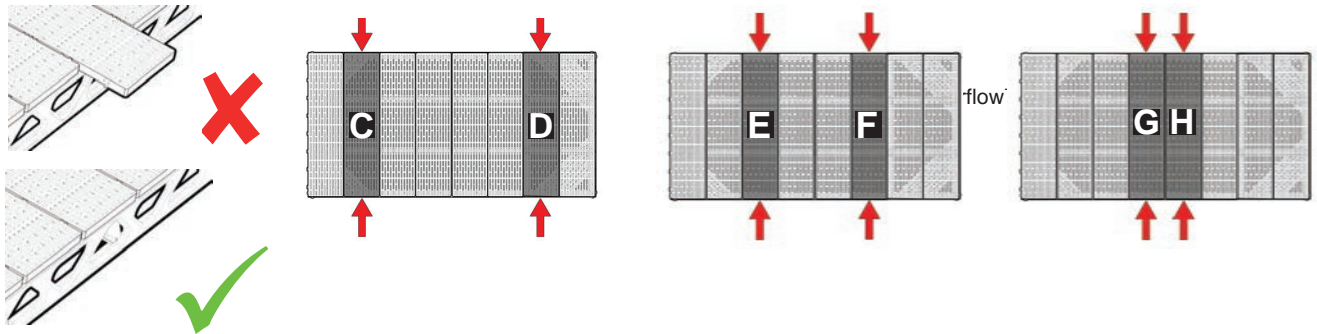
Ensure panels are aligned so they are flush with the dock frame.  
Fasten panels A & B starting from the middle, then the outside corner and finally the remaining corners.



When fastening use a lower torque setting on your driver to avoid any damage to your panels.



5



Align panel sets C & D so they are flush with the dock (See image above). Follow Steps 6 & 7 to space and fasten the panels. Repeat this pattern for panels E & F and then panels G & H until finished.

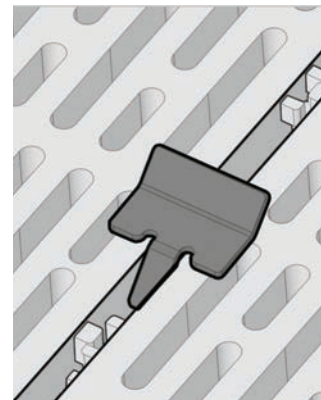
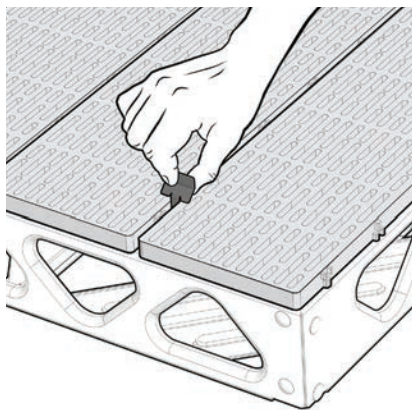
**DECK  
SPACER TOOL**



6



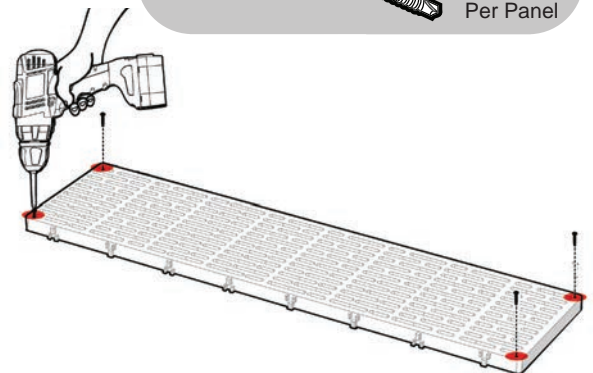
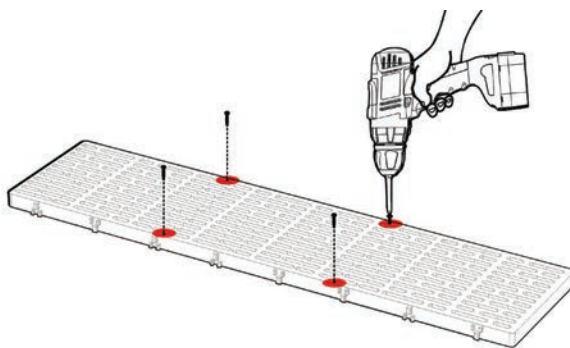
**Spacing Location  
Diagram**



Use the Deck Spacer Tool (As shown above) to create a space evenly on both sides of each panel.

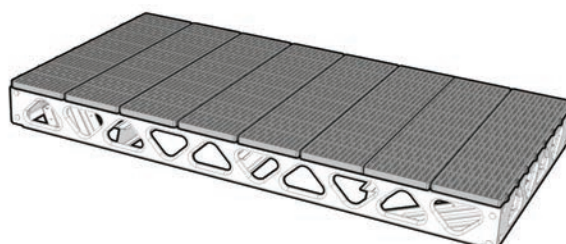
7

**STR10**  **X8**  
Per Panel



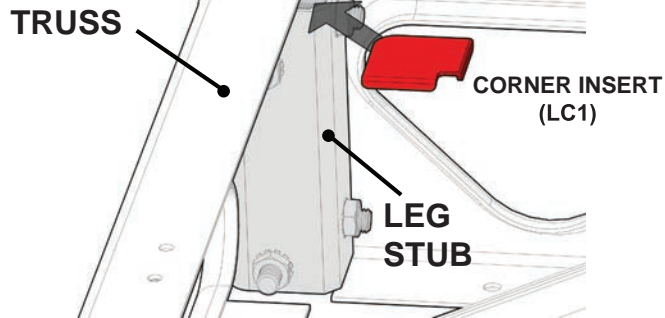
Recheck all spacing on panels. Ensure panels are aligned so they are flush with the dock frame. Fasten panels starting from the middle, then the outside corner and finally the remaining corners.

8



# PANEL INSTALLATION FOR 8X8 DOCK/RAMP

1



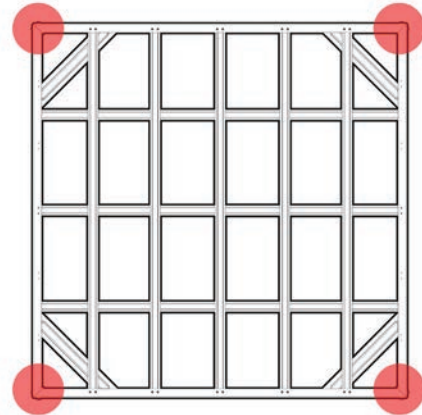
LC1  
Corner Insert



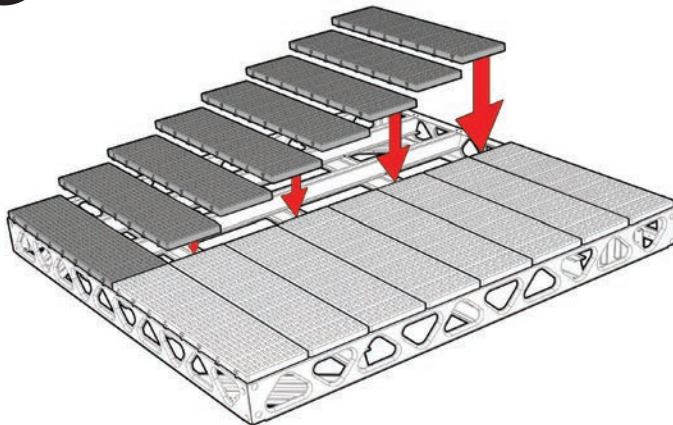
X4

**PLEASE NOTE:** Ensure the Corner Insert is placed between the truss and leg stub.

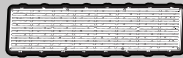
Install one Corner Insert (LC1) into each corner of the dock frame. Slide the Corner Insert completely between the lip of the truss frame and the corner leg stub (See sideview image above).



2

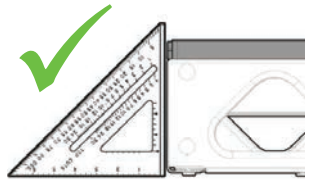
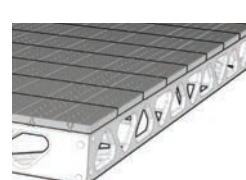
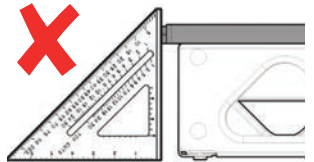
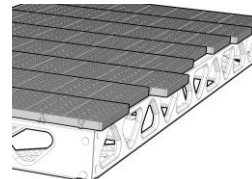


DK1x4



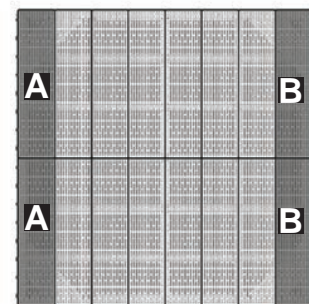
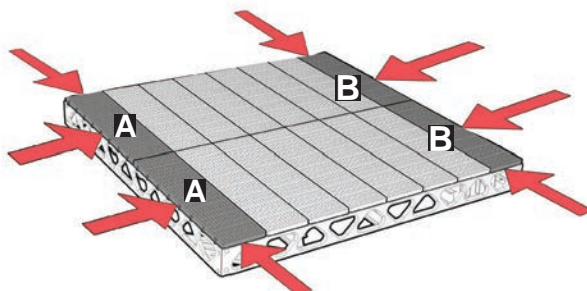
X16

Thurflo™ Panel



Place all 16 panels onto the dock frame. Ensure decking is flush with dock frame.

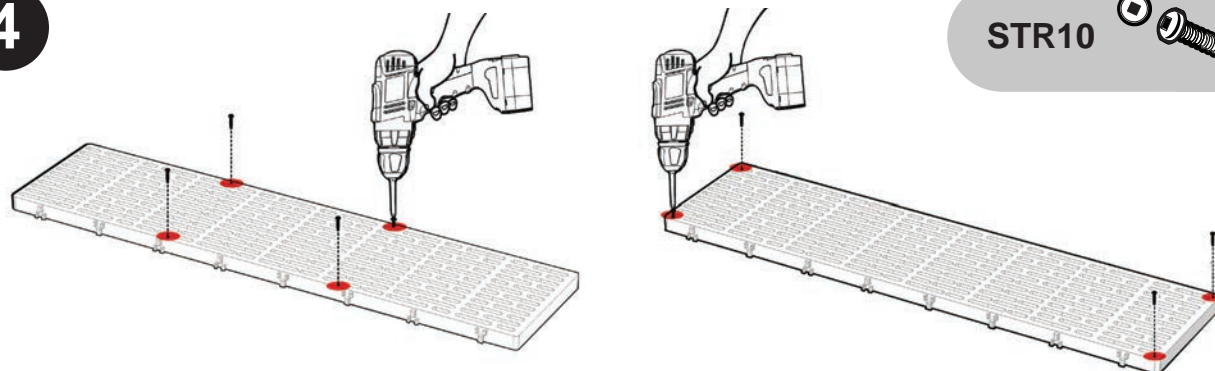
3



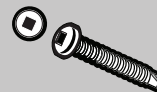
Align panel sets A & B so they are flush with the front and sides of the dock.  
Ensure that panels are aligned with the edges of the dock frame.



4



STR10

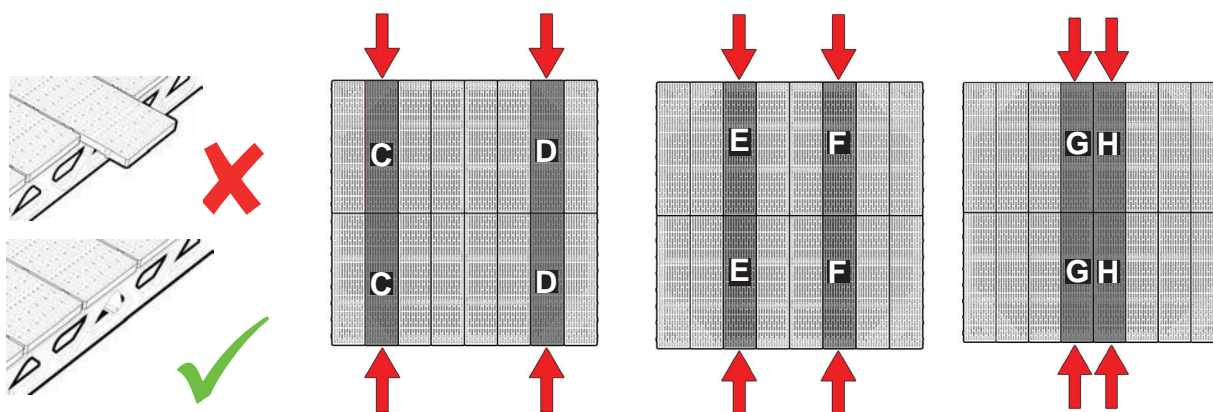


X16

Ensure panel sets are aligned so they are flush with the dock frame.  
Fasten each panel starting from the middle, then the outside corner and finally the remaining corners.

**STOP** When fastening use a lower torque setting on your driver to avoid any damage to your panels.

5



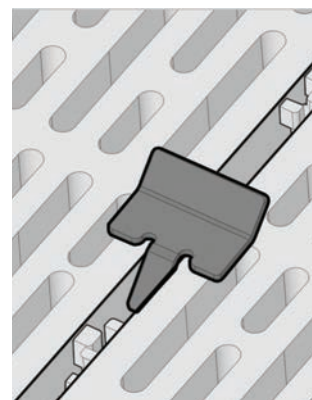
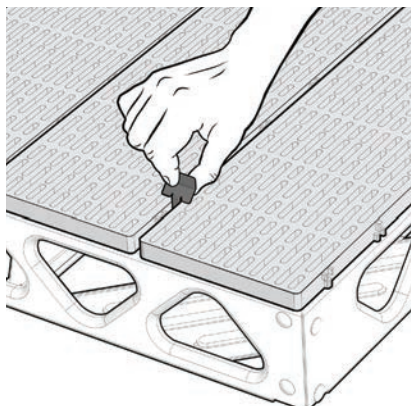
Align panel sets C & D so they are flush with the dock (See image above). Follow Steps 6 & 7 to space and fasten the panels. Repeat this pattern for panels E & F and then panels G & H until finished.

6

DECK  
SPACER TOOL



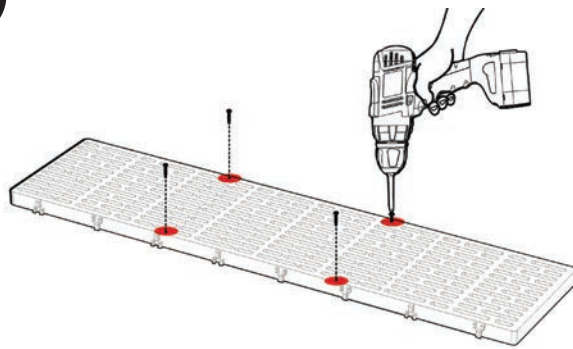
Spacing Location  
Diagram



Use the Deck Spacer Tool (As shown above) to create a space evenly on both sides of each panel.



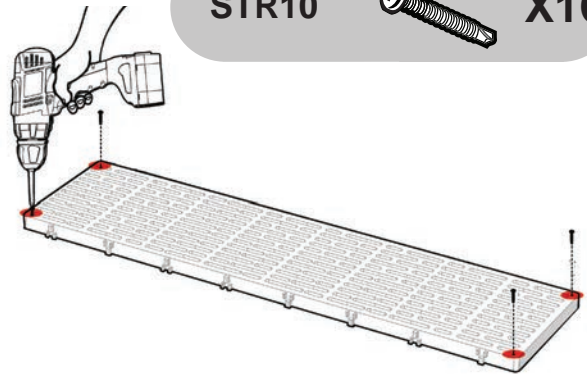
7



STR10

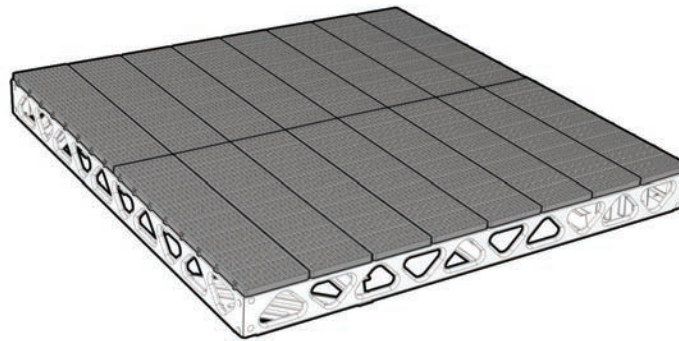


X16



Recheck all spacing on panels. Ensure panel sets are aligned so they are flush with the dock frame. Fasten each panel starting from the middle, then the outside corner and finally the remaining corners.

8



## SAFETY & WARNING

- Ensure area is clean, stable and secure.
- Double check all nuts and bolts for tightness prior to use.
- Make sure all persons wear appropriate flotation devices.
- Diving off the dock could result in a severe injury.
- Use caution when the surface of the dock is wet. Do not run on the dock.
- DO NOT SWIM UNDER DOCKS (May cause personal injury).
- Do not modify the dock system or components. Such alterations may weaken the structural integrity of the dock and void the warranty.
- Do not stand on the frame without any decking.
- The weight capabilities of the dock will not support vehicles of any sort.
- Do not use corded electrical tools and appliances in or near water.