



Tdeck+[®]

Stage Decks

MODULAR
STAGE DECKING
SOLUTIONS

Revised February 2026

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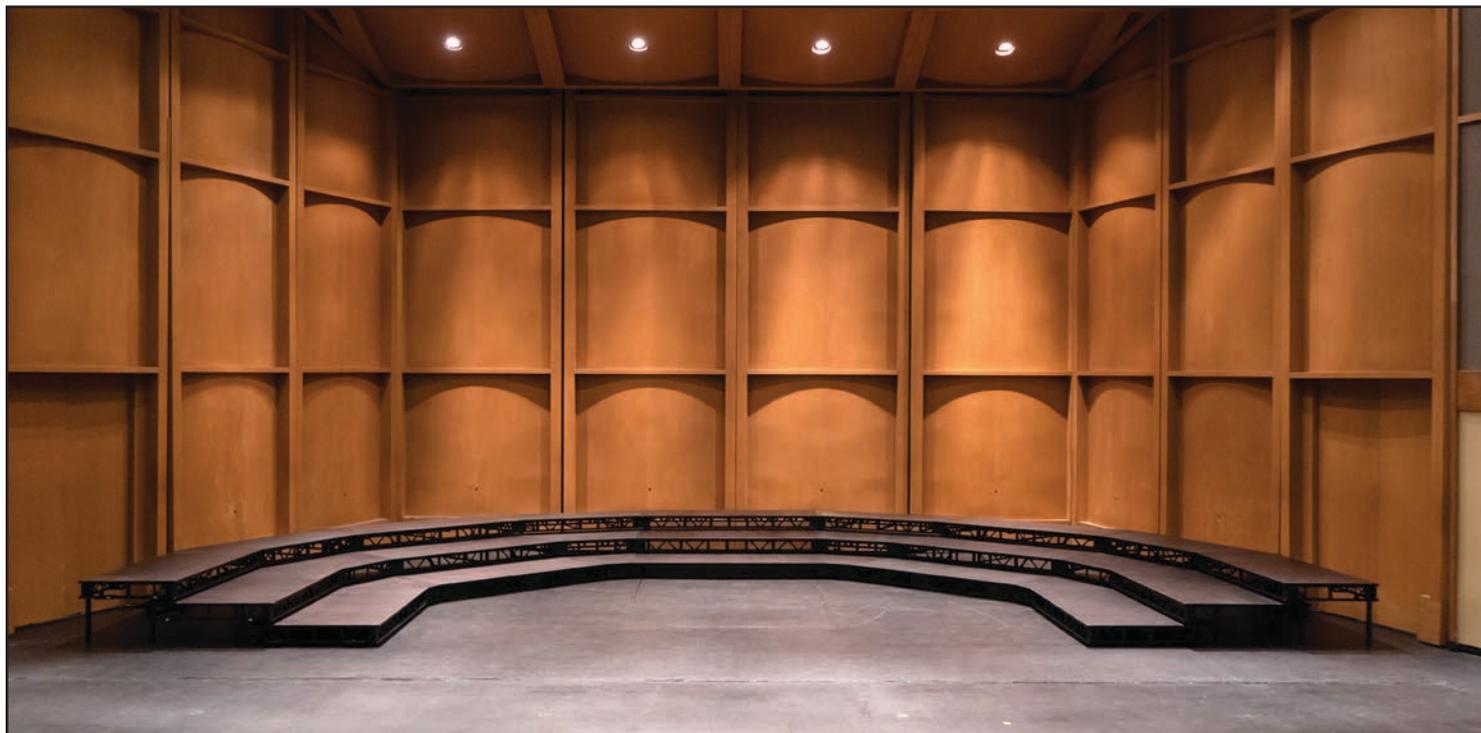
About Tdeck+[®]

Tdeck+[®] is an innovative new product that allows Technical Directors and Scenic Designers to focus on the more artistic levels of the production rather than the mundane construction of wagons and risers.

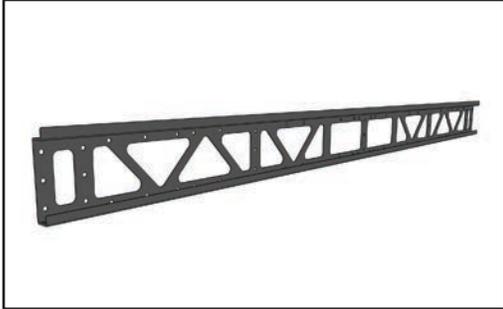
Tdeck+[®] employs a modular design, allowing for the pieces to be combined into a nearly endless possibility of sizes. Standard sizes are available in one foot increments up to a 4x8 deck, and the decks can be combined through the use of marriage brackets. Custom lengths can be fabricated as well.

The modular design allows the pieces to be flat pack shipped or disassembled for storage, helping to cut down on shipping and storage costs. Legs and deck surfaces can easily be supplied by the user, making the decks even more customizable. Standard finish is black powder coat, but pieces can be powder coated any color upon request and for an upcharge.

Browse through our catalog to see the options we have available. If you have any questions or need any help figuring out your Tdeck+[®] needs, please don't hesitate to contact us. We'll be more than happy to provide you with a custom solution.



Please contact us at info@productionsunlimitedinc.com or 844-579-7455 to request pricing and a specific quote.



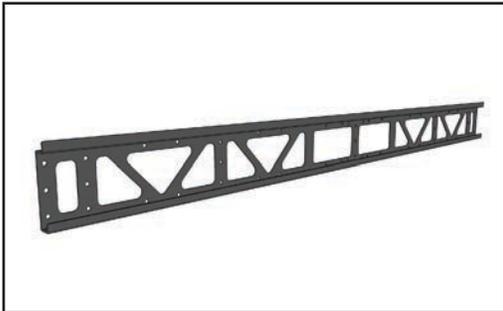
8' Rim Joist

P/N#: TD-RJ8

This 8-foot side section supports the long edge of a deck. The two rectangular holes allow for ease of using a forklift to move a deck (requires TD-FB). All necessary hardware is included with other pieces.

Dims: 96" (L) x 1.25" (W) x 6.625" (H)

Weight: 16 lbs



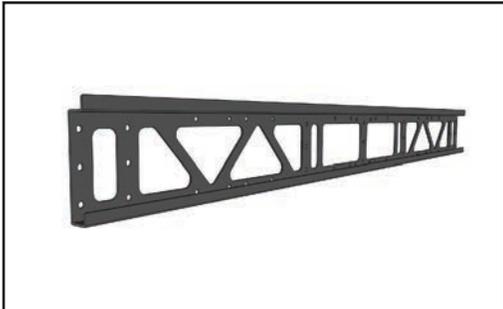
7' Rim Joist

P/N#: TD-RJ7

This 7-foot side section supports the long edge of a deck. The two rectangular holes allow for ease of using a forklift to move a deck (requires TD-FB). All necessary hardware is included with other pieces.

Dims: 84" (L) x 1.25" (W) x 6.625" (H)

Weight: 14 lbs



6' Rim Joist

P/N#: TD-RJ6

This 6-foot side section supports the long edge of a deck. The two rectangular holes allow for ease of using a forklift to move a deck (requires TD-FB). All necessary hardware is included with other pieces.

Dims: 72" (L) x 1.25" (W) x 6.625" (H)

Weight: 12.5 lbs



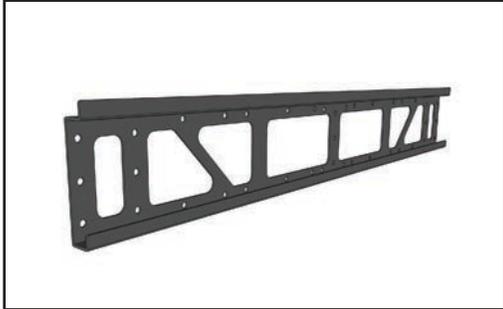
5' Rim Joist

P/N#: TD-RJ5

This 5-foot side section supports the long edge of a deck. The two rectangular holes allow for ease of using a forklift to move a deck (requires TD-FB). All necessary hardware is included with other pieces.

Dims: 60" (L) x 1.25" (W) x 6.625" (H)

Weight: 10 lbs



4' Rim Joist

P/N#: TD-RJ4

This 4-foot side section supports the long edge of a deck. The two rectangular holes allow for ease of using a forklift to move a deck (requires TD-FB). All necessary hardware is included with other pieces.

Dims: 48" (L) x 1.25" (W) x 6.625" (H)

Weight: 8.1 lbs



3' Rim Joist

P/N#: TD-RJ3

This 3-foot side section supports the long edge of a deck. The two rectangular holes allow for ease of using a forklift to move a deck (requires TD-FB). All necessary hardware is included with other pieces.

Dims: 36" (L) x 1.25" (W) x 6.625" (H)

Weight: 6 lbs



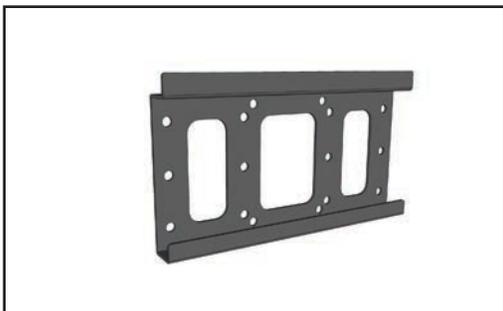
2' Rim Joist

P/N#: TD-RJ2

This 2-foot side section supports the long edge of a deck. The two rectangular holes allow for ease of using a forklift to move a deck (requires TD-FB). All necessary hardware is included with other pieces.

Dims: 24" (L) x 1.25" (W) x 6.625" (H)

Weight: 4.5 lbs



1' Rim Joist

P/N#: TD-RJ1

This 1-foot side section supports the long edge of a deck. The 1' Rim Joist does not allow for forklift tines to pass through this piece. All necessary hardware is included with other pieces.

Dims: 12" (L) x 1.25" (W) x 6.625" (H)

Weight: 2 lbs



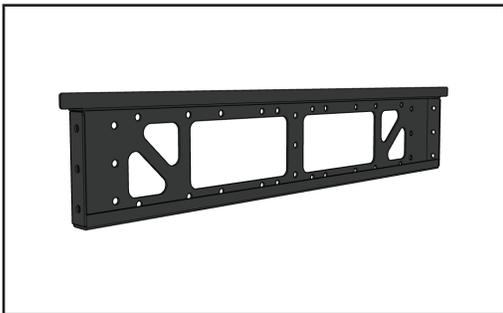
4' End Frame

P/N#: TD-EF4

This 4-foot end section supports the short side of a deck. The two rectangular holes allow for ease of using a forklift to move a deck (requires TD-FB). Includes six 3/8" bolts and flange nuts to connect to rim joists.

Dims: 47.75" (L) x 1.25" (W) x 6.625" (H)

Weight: 8.2 lbs



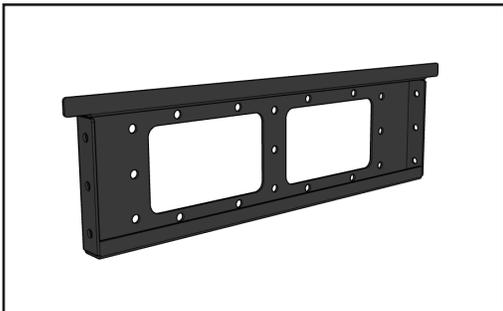
3' End Frame

P/N#: TD-EF3

This 3-foot end section supports the short side of a deck. The two rectangular holes allow for ease of using a forklift to move a deck (requires TD-FB). Includes six 3/8" bolts and flange nuts to connect to rim joists.

Dims: 35.75" (L) x 1.25" (W) x 6.625" (H)

Weight: 6 lbs



2' End Frame

P/N#: TD-EF2

This 2-foot end section supports the short side of a deck. The two rectangular holes allow for ease of using a forklift to move a deck (requires TD-FB). Includes six 3/8" bolts and flange nuts to connect to rim joists.

Dims: 23.75" (L) x 1.25" (W) x 6.625" (H)

Weight: 4 lbs



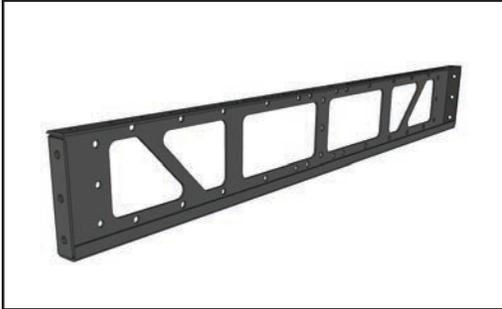
1' End Frame

P/N#: TD-EF1

This 1-foot end section supports the short side of a deck. The 1' End Frame does not allow for forklift tines to pass through this piece. Includes six 3/8" bolts and flange nuts to connect to rim joists.

Dims: 11.75" (L) x 1.25" (W) x 6.625" (H)

Weight: 2 lbs



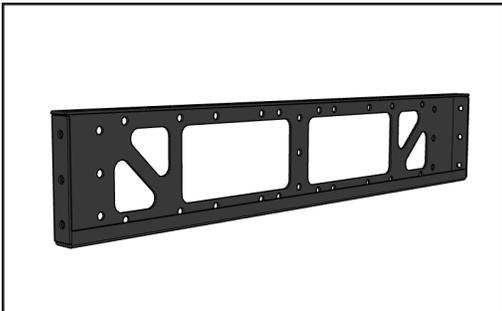
4' Open End Frame

P/N#: TD-OEF4

This 4-foot end section supports the short side of a deck. The two rectangular holes allow for ease of using a forklift to move a deck (requires TD-FB). The open-end frame design allows the plywood decking to extend over the edge of the frame as an easy lift point. Includes six 3/8" bolts and flange nuts to connect to rim joists.

Dims: 45.5" (L) x 1.25" (W) x 6.625" (H)

Weight: 7.2 lbs



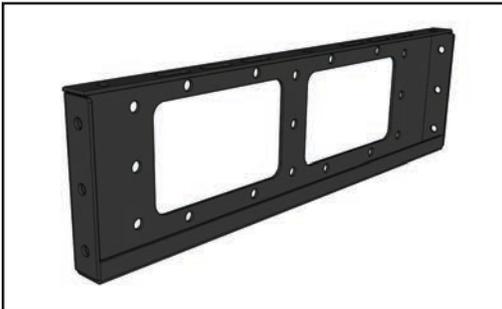
3' Open End Frame

P/N#: TD-OEF3

This 3-foot end section supports the short side of a deck. The two rectangular holes allow for ease of using a forklift to move a deck (requires TD-FB). The open-end frame design allows the plywood decking to extend over the edge of the frame as an easy lift point. Includes six 3/8" bolts and flange nuts to connect to rim joists.

Dims: 33.5" (L) x 1.25" (W) x 6.625" (H)

Weight: 5.25 lbs



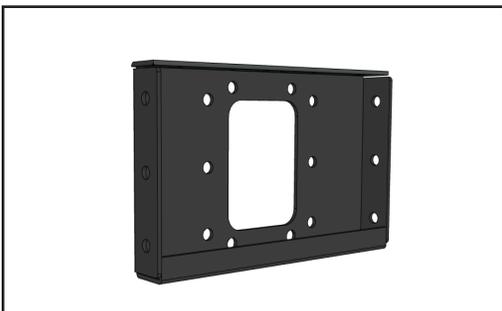
2' Open End Frame

P/N#: TD-OEF2

This 2-foot end section supports the short side of a deck. The two rectangular holes allow for ease of using a forklift to move a deck (requires TD-FB). The open-end frame design allows the plywood decking to extend over the edge of the frame as an easy lift point. Includes six 3/8" bolts and flange nuts to connect to rim joists.

Dims: 21.5" (L) x 1.25" (W) x 6.625" (H)

Weight: 3.5 lbs



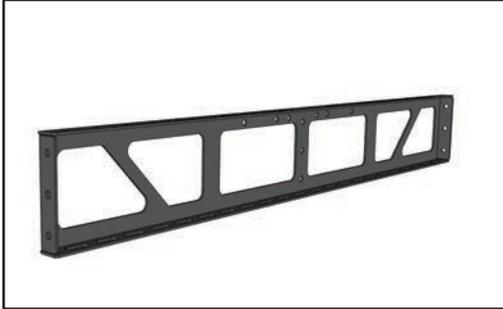
1' Open End Frame

P/N#: TD-OEF1

This 1-foot end section supports the short side of a deck. The two rectangular holes allow for ease of using a forklift to move a deck (requires TD-FB). The open-end frame design allows the plywood decking to extend over the edge of the frame as an easy lift point. Includes six 3/8" bolts and flange nuts to connect to rim joists.

Dims: 9.5" (L) x 1.25" (W) x 6.625" (H)

Weight: 1.75 lbs



4' Full Middle Joist

P/N#: TD-MJ4

This 4-foot crosspiece supports the deck surface and provides stability to the frame. Can be used on any 4' wide deck (see Table 1). Includes six 3/8" bolts and flange nuts to connect to rim joists.

Dims: 45.5" (L) x 1.25" (W) x 6" (H)

Weight: 6.2 lbs



4' Cut Middle Joist

P/N#: TD-CJ4

This 4-foot support piece may be used on 7' and 8' long decks for the two non-centered crosspieces. All other situations require TD-MJ4 (see Table 1). Includes six 3/8" bolts and flange nuts to connect to rim joists.

Dims: 45.5" (L) x 1.25" (W) x 6" (H)

Weight: 4.5 lbs



3' Full Middle Joist

P/N#: TD-MJ3

This 3-foot crosspiece supports the deck surface and provides stability to the frame. Can be used on any 3' wide deck (see Table 1). Includes six 3/8" bolts and flange nuts to connect to rim joists.

Dims: 33.5" (L) x 1.25" (W) x 6" (H)

Weight: 4.9 lbs



3' Cut Middle Joist

P/N#: TD-CJ3

This 3-foot support piece may be used on 7' and 8' long decks for the two non-centered crosspieces. All other situations require TD-MJ3 (see Table 1). Includes six 3/8" bolts and flange nuts to connect to rim joists.

Dims: 33.5" (L) x 1.25" (W) x 6" (H)

Weight: 3.9 lbs



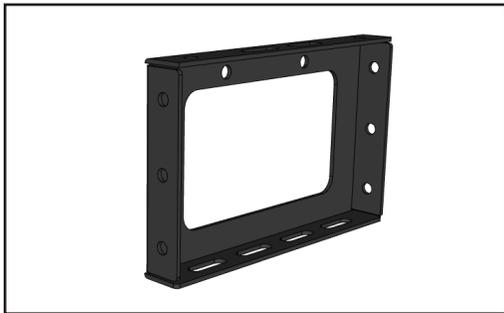
2' Middle Joist

P/N#: TD-MJ2

This 2-foot crosspiece supports the deck surface and provides stability to the frame. Can be used on any 2' wide deck (see Table 1). Includes six 3/8" bolts and flange nuts to connect to rim joists.

Dims: 21.5" (L) x 1.25" (W) x 6" (H)

Weight: 3 lbs



1' Middle Joist

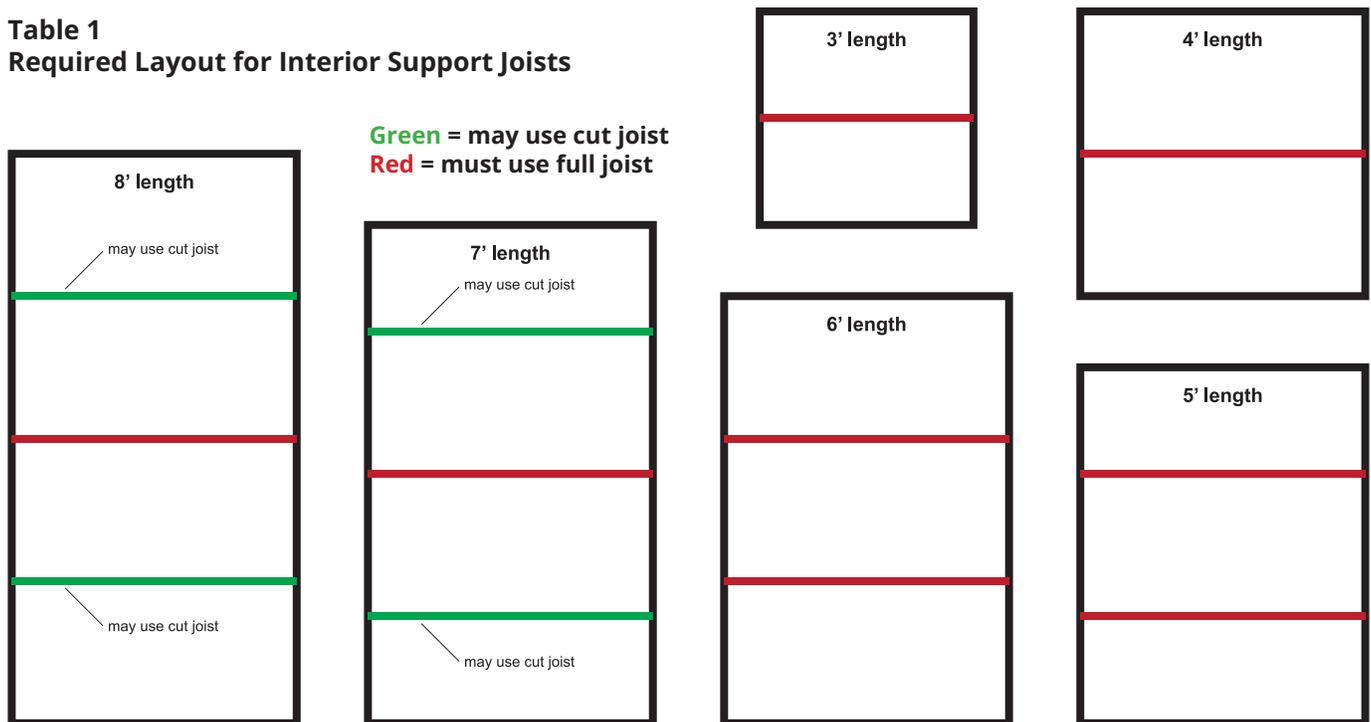
P/N#: TD-MJ1

This 1-foot crosspiece supports the deck surface and provides stability to the frame. Can be used on any 1' wide deck (see Table 1). Includes six 3/8" bolts and flange nuts to connect to rim joists.

Dims: 9.5" (L) x 1.25" (W) x 6" (H)

Weight: 1.5 lbs

Table 1
Required Layout for Interior Support Joists



Note: 2x2 and 1x2 decks do not require interior support joists.



Pipe Leg Bracket

P/N#: TD-CBP

This bracket provides stability to the corner of the deck as well as a socket for use with 1.5" Sch. 40 steel pipe legs. Includes six 3/8" bolts and flange nuts to connect with rim joist and end frame, one 3/8x1" bolt for securing the pipe in the socket, and two bolts to secure the pipe leg.

Dims: 3" (L) x 3" (W) x 5.875" (H)

Weight: 3.5 lbs



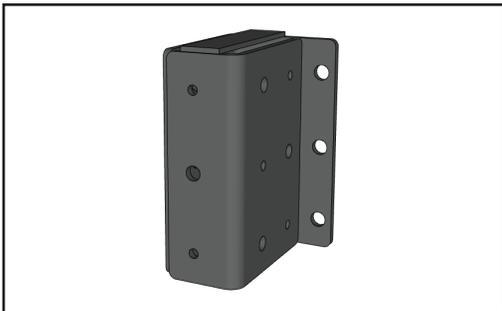
Pipe Leg Pass-Thru

P/N#: TD-CBPP

Same as TD-CBP, but allows pipe leg to pass through. Includes six 3/8" bolts and flange nuts to connect with rim joist and end frame, one 3/8x1" bolt for securing the pipe in the socket, and two bolts to secure the pipe leg.

Dims: 3" (L) x 3" (W) x 5.5" (H)

Weight: 3.2 lbs



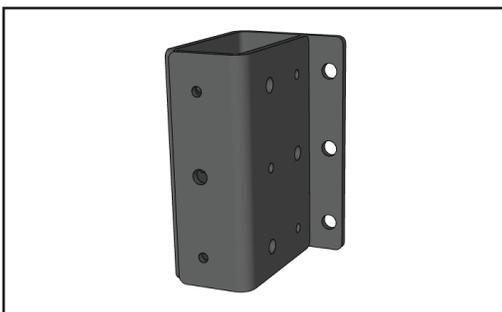
2x4 Leg Bracket

P/N#: TD-CB24

This bracket provides stability to the corner of the deck as well as a socket for use with nominal 2x4 wood legs (user must provide their own). Includes six 3/8" bolts and flange nuts to connect with rim joist and end frame.

Dims: 4" (L) x 2.9375" (W) x 5.75" (H)

Weight: 3.2 lbs



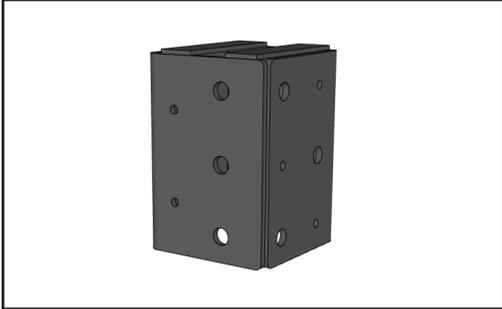
2x4 Leg Pass-Thru

P/N#: TD-CB24P

Same as TD-CB24, but allows the nominal 2x4 leg to pass through. Includes six 3/8" bolts and flange nuts to connect with rim joist and end frame.

Dims: 4" (L) x 2.9375" (W) x 5.625" (H)

Weight: 3 lbs



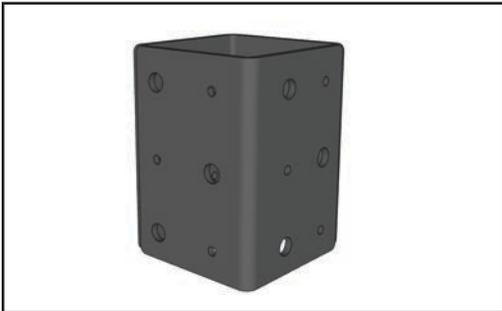
4x4 Leg Bracket

P/N#: TD-CB44

This bracket provides stability to the corner of the deck as well as a socket for use with nominal 4x4 wood legs (user must provide their own). Includes six 3/8" bolts and flange nuts to connect with rim joist and end frame.

Dims: 4" (L) x 4" (W) x 5.75" (H)

Weight: 4.5 lbs



4x4 Leg Pass-Thru

P/N#: TD-CB44P

Same as TD-CB44, but allows the nominal 4x4 leg to pass through. Includes six 3/8" bolts and flange nuts to connect with rim joist and end frame.

Dims: 4" (L) x 4" (W) x 5.625" (H)

Weight: 4.2 lbs



Inboard Caster Bracket for Scaffold Caster Stem

P/N#: TD-CBCP

This bracket provides stability to the corner of the deck and is made to hold an 8" heavy duty caster. Includes eight 3/8" bolts and flange nuts to connect with rim joist and end frame, one 3/8x1" bolt for securing the pipe in the socket, as well as one bolt to secure caster in place.

Dims: 8.75" (L) x 8.75" (W) x 5.875" (H)

Weight: 7 lbs



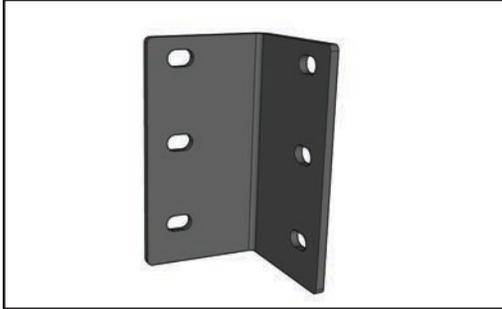
Inboard Caster Bracket for Caster Plate

P/N#: TD-CBCC

This bracket provides stability to the corner of the deck and is made for an 8" heavy duty caster to bolt directly to the plate. Includes eight 3/8" bolts and flange nuts to connect with the rim joist and end frame, as well as 4 3/8"-16 carriage bolts to secure the caster to the bracket.

Dims: 8.75" (L) x 8.75" (W) x 5.875" (H)

Weight: 5.17 lbs



Corner Bracket

P/N#: TD-CB

This bracket is required to provide stability to the corner of the deck when no legs are being used. Includes six 3/8" bolts and flange nuts to connect with rim joist and end frame.

Dims: 3" (L) x 3" (W) x 5.5" (H)	Weight: 2 lbs
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Attach a caster plate to a standard corner pipe bracket:

Caster Pin

P/N#: TD-CP6

This caster pin is used to attach a caster to a standard corner pipe bracket (TD-CBPP).

Dims: 4.56" (L) x 2.89" (W) x 5.6" (H)	Weight: 2.69 lbs
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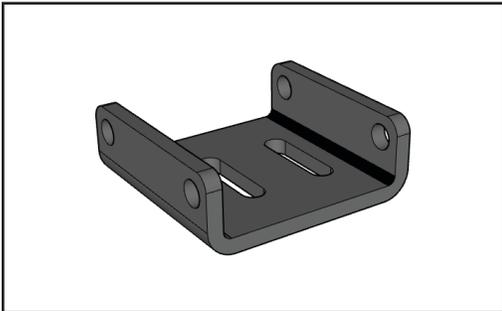
Marriage Bracket

P/N#: TD-MB2

This bracket connects two adjacent decks, providing extra stability and reducing the number of legs needed (see Table 2 below). Includes necessary hardware to connect with rim joist or end frame.

Dims: 7" (L) x 3.5" (W) x 1.25" (H)

Weight: 2.5 lbs



Marriage Bracket - Short

P/N#: TD-MB1

This bracket connects two adjacent decks, providing extra stability and reducing the number of legs needed (see Table 2 below). TD-MB1 is specifically used for 1ft and 2 ft end frames. Includes necessary hardware to connect with rim joist or end frame.

Dims: 3.25" (L) x 3.5" (W) x 1.25" (H)

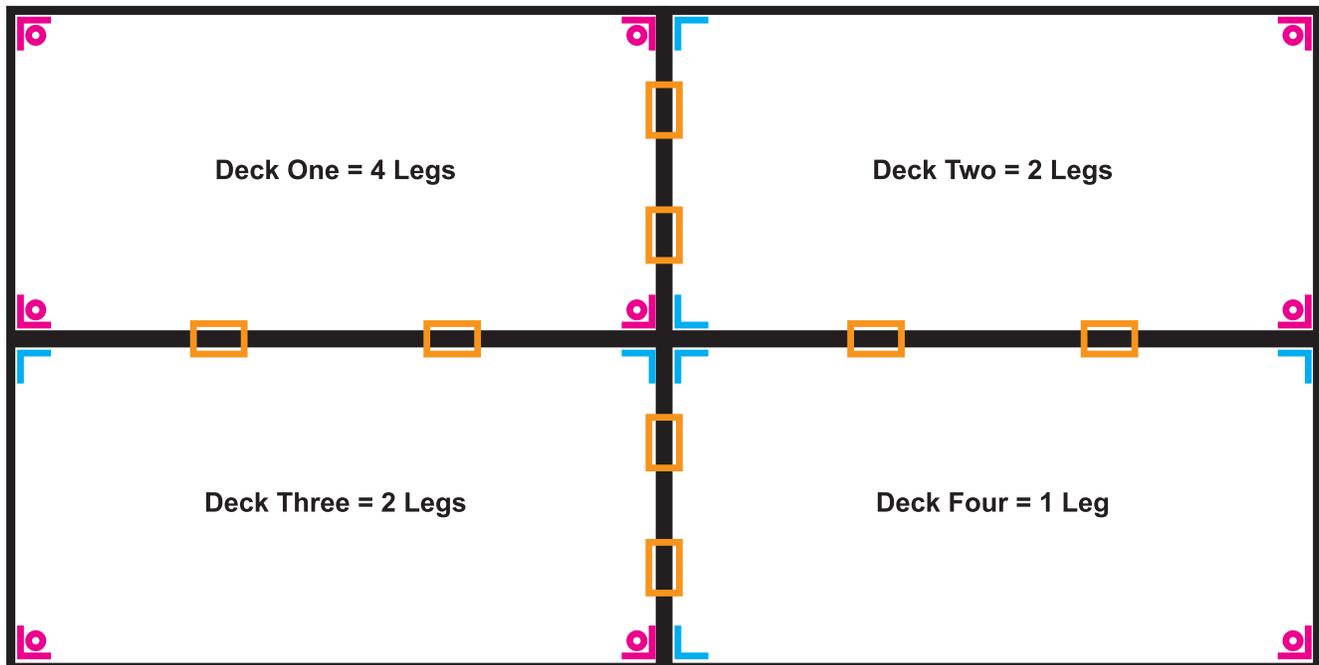
Weight: 1.08 lbs

Table 2 - Leg Layout for Joining Decks with Marriage Brackets

 = corner bracket with leg

 = corner bracket no leg

 = marriage bracket



(4x8 decks shown, interior joists required, but not drawn in this example)



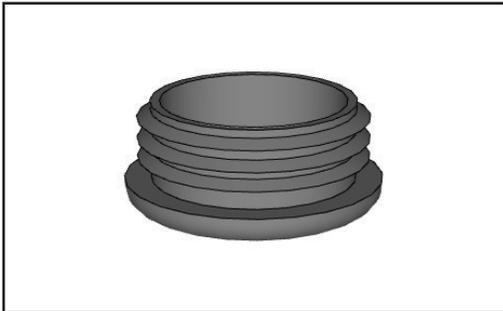
Pipe Leg

P/N#: TD-PL(xx)

Black powder coated 1.5" Sch. 40 steel pipe leg, where xx = number of inches for deck height (e.g., TD-PL24 = 24" high deck). Hardware is included with TD-CBP. See Table 2 for number of legs needed when using marriage brackets to join decks.

Dims: 1.9" OD x various length

Weight: 2.7 lbs/ft



Pipe Leg End Cap

P/N#: TD-PLC

Snap-in round plug for the end of pipe legs, providing a buffer between the pipe leg and your floor.

Dims: 1.75" Diameter x 0.6" (H)

Weight: .1 lbs



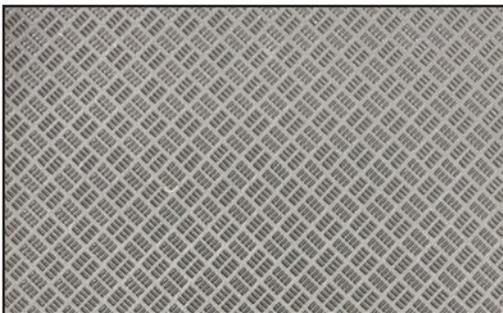
Hex Grip Plywood

P/N#: TD-SWHB

4x8 WISA-Hexa Grip plywood panel, coated with a dark brown film and imprinted with a hexagonal pattern. Wear resistant and slip resistant.

Dims: 96" (L) x 48" (W) x 0.708" (H)

Weight: 81* lbs



TredExtreme Quadripple Plywood

P/N#: TD-TEQP

4x8 TredExtreme Quadripple plywood panel, laminated with a 0.050" Black quadripple (textured pattern) face and a 0.02" smooth black backer. Moisture and abrasion resistant.

Dims: 96" (L) x 48" (W) x 0.75" (H)

Weight: 78* lbs

*weight varies according to moisture density in plywood



8" Swivel Caster

P/N#: TD-8C

Heavy duty scaffold caster with 8" wheel. Meets ANSI, CSA, and OSHA standards. 1,100 lb capacity.

Dims: 14" (L) x 2" (W) x 13" (H)

Weight: 11 lbs



8" Swivel Caster w/ Plate

P/N#: TD-8CP

Tested to ANSI ICWM:2012 standards for capacity and durability, 1250 lb capacity. Bolt Hole Pattern: 2-5/8" x 3-3/8" slotted to 3" x 3".

Dims: 8" (L) x 2" (W) x 9.5" (H)

Weight: 11 lbs



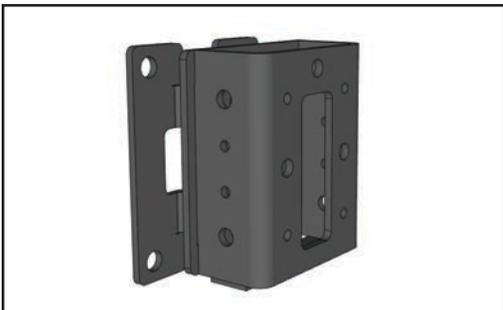
Pipe Handrail Bracket

P/N#: TD-HBP

This bracket attaches to the outside of the rim joist or end frame, providing a pocket for using 1.5" pipe as a vertical handrail support. Includes four 3/8" bolts and flanged nuts and one set screw.

Dims: 4.5" (L) x 3.75" (W) x 5.5" (H)

Weight: 3 lbs



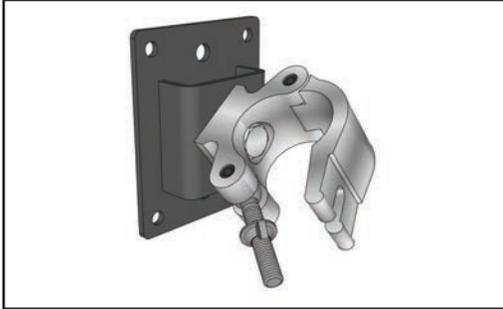
2x4 Handrail Bracket

P/N#: TD-HB24

This bracket attaches to the outside of the rim joist or end frame, providing a pocket for using a piece of nominal 2x4 as a vertical handrail support. Includes four 3/8" bolts with flange nuts.

Dims: 4.5" (L) x 3.5" (W) x 5.5" (H)

Weight: 4 lbs



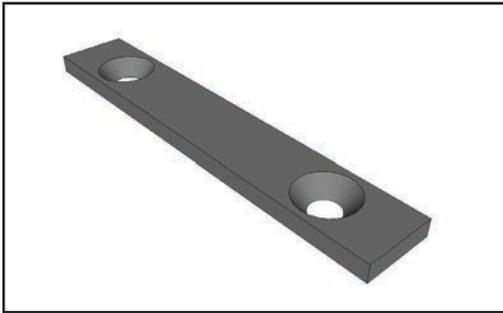
Pipe Clamp Bracket

P/N#: TD-CHZ

This bracket attaches to the outside of the rim joist or end frame, providing a cheeseborough clamp for using 1.5" pipe as a vertical handrail support. Allows for a single pipe to pass through to different levels. Includes hardware.

Dims: 4.5" (L) x 4.75" (W) x 5.5" (H)

Weight: 3.25 lbs



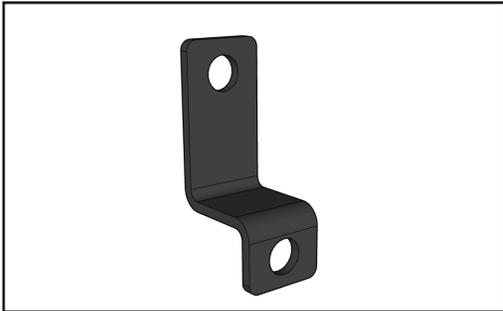
Leveling Bracket

P/N#: TD-LB

This bracket is used to raise one side of a deck when storing decks that have a marriage bracket attached to the opposite side. Includes hardware for attaching to rim joist or end frame.

Dims: 7" (L) x 1" (W) x 0.25" (H)

Weight: .2 lbs



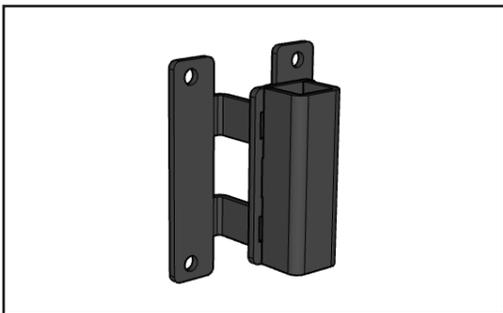
Toe Rail Bracket

P/N#: TD-TRB

This bracket attaches to the edges of platforms to create a connection point for a toe rail where necessary. Includes one 3/8" bolt and flanged nut.

Dims: 1" (L) x 1.25" (W) x 2.75" (H)

Weight: .12 lbs



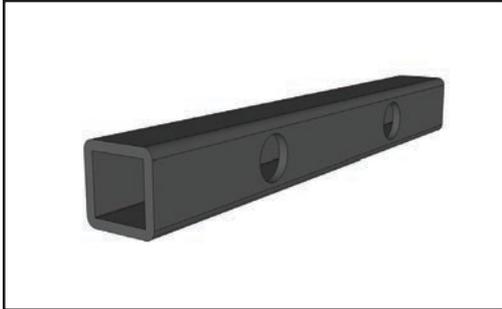
1-inch Handrail Bracket

P/N#: TD-HB1S

This bracket attaches to the outside of the rim joist or end frame, providing a pocket for a 1" square tube steel as a vertical handrail support. Includes four 3/8" bolts with flange nuts and one set screw.

Dims: 4" (L) x 4.5" (W) x 6.75" (H)

Weight: 2.5 lbs



Fork Bracket

P/N#: TD-FB

This bracket attaches above the forklift holes on the rim joists and end frames, providing reinforcement for when a forklift is used to move a deck. Includes two 3/8" bolts and flanged nuts.

Dims: 8" (L) x 1" (W) x 1" (H)

Weight: .33 lbs



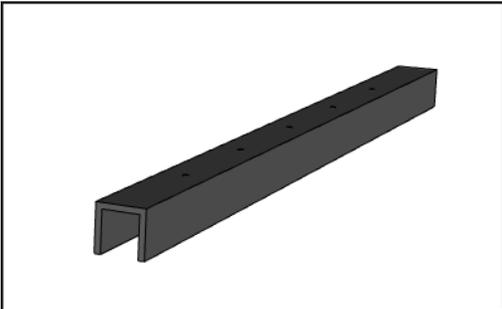
Aluminum Channel

P/N#: TD-ARC

Reinforcement channel made from Aluminum that attaches underneath the deck surface to provide extra strength to the deck (see Table 3). Includes six screws.

Dims: 22" (L) x 1" (W) x 1" (H)

Weight: .75 lbs



Aluminum Channel - Short

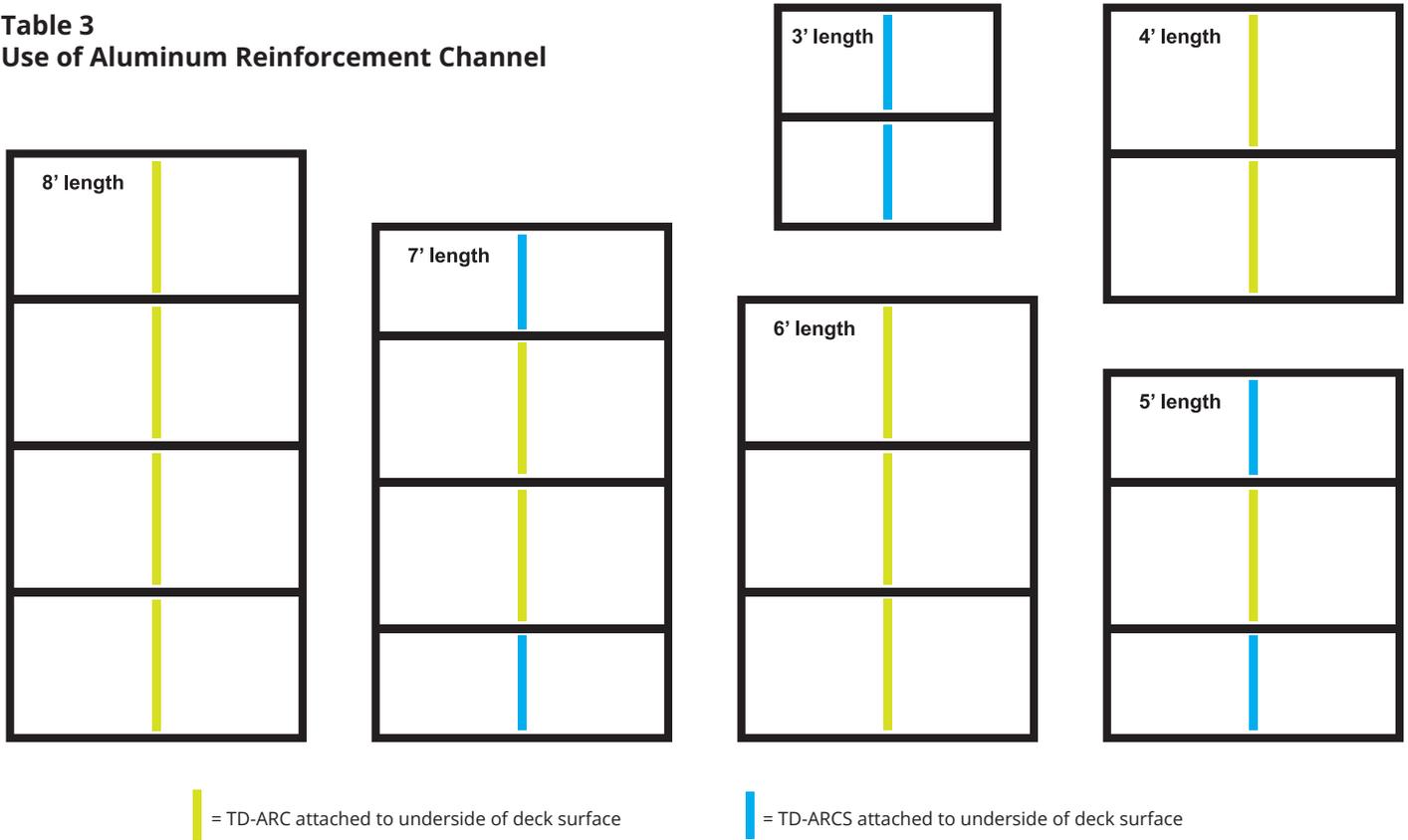
P/N#: TD-ARCS

This reinforcement channel is made from aluminum and attaches underneath the deck surface of 3ft, 5ft, and 7ft long platforms to provide extra strength to the deck (see Table 3). Includes six screws.

Dims: 15" (L) x 1" (W) x 1" (H)

Weight: .51 lbs

Table 3
Use of Aluminum Reinforcement Channel



All hardware necessary to assemble a deck is included with the individual pieces. Should you need spare hardware, the following is available to order:

P/N#: TD-FFA

For full 7' or 8' deck length; Does not include hardware for corner brackets

- (32) 3/8"-16 x 3/4" socket head screws w/ flange nuts
- (5) 1/4"-20 x 1-1/4" flat head screws w/ flange nuts
- (40) #10 x 3/4" flanged Phillips screws

P/N#: TD-FFB

For full 5' or 6' deck length; Does not include hardware for corner brackets

- (26) 3/8"-16 x 3/4" socket head screws w/ flange nuts
- (5) 1/4"-20 x 1-1/4" flat head screws w/ flange nuts
- (31) #10 x 3/4" flanged Phillips screws

P/N#: TD-FFC

For full 3' or 4' deck length; Does not include hardware for corner brackets

- (20) 3/8"-16 x 3/4" socket head screws w/ flange nuts
- (5) 1/4"-20 x 1-1/4" flat head screws w/ flange nuts
- (22) #10 x 3/4" flanged Phillips screws

P/N#: TD-FFD

For full 1' or 2' deck length; Does not include hardware for corner brackets

- (14) 3/8"-16 x 3/4" socket head screws w/ flange nuts
- (5) 1/4"-20 x 1-1/4" flat head screws w/ flange nuts
- (13) #10 x 3/4" flanged Phillips screws

P/N#: TD-FP-01

For TD-ARC

- (7) #10 x 3/4" flanged Phillips screws

P/N#: TD-FP-02

For TD-SWHB or other surface material

- (5) 1/4"-20 x 1-1/4" flat head screws w/ flange nuts

P/N#: TD-FP-03

For TD-CB, TD-CBP, and TD-CBPP

- (8) 3/8"-16 x 3/4" socket head screws w/ flange nuts

P/N#: TD-FP-04

For TD-CBCC

- (10) 3/8"-16 x 3/4" socket head screws w/ flange nuts

P/N#: TD-FP-05

For TD-CB24

- (4) 3/8"-16 x 3/4" socket head screws
- (4) 3/8"-16 x 1" flat cap socket screws
- (8) 3/8"-16 flange nuts

P/N#: TD-FP-06

For TD-CB44

- (7) 3/8"-16 x 3/4" flat cap socket screws w/ flange nuts

P/N#: TD-FP-07

For TD-HBP, TD-HBPP, TD-HB24, and TD-CHZ

- (6) 3/8"-16 x 3/4" socket head screws w/ flange nuts

P/N#: TD-FP-08

For TD-MB2

- (3) 3/8"-16 x 3/4" socket head screws w/ flange nuts
- (3) 3/8"-16 x 1" flat cap socket screws w/ flange nuts

P/N#: TD-FP-09

For two pieces of TD-FB

- (5) 3/8"-16 x 3/4" socket head screws w/ flange nuts

P/N#: TD-FP-10

For two pieces of TD-LB

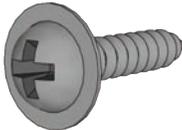
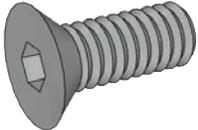
- (5) 3/8"-16 x 3/4" flat cap socket screws w/ flange nuts

Tools Required:

- 3/8" ratchet with 5/16" Allen wrench attachment (preferably 5-1/2" long)
- 9/16" open end wrench
- 7/16" open end wrench
- #2 Phillips head screwdriver with 8" long shaft
- Drill and countersink for 1/4"-20 bolts
- Saw for cutting deck surface material

Pieces and Hardware Required to Assemble a Standard Deck:

- (2) Rim Joists, must be the same length
- (2) End Frames, must be the same length
- Interior Joists as required, same length as End Frames, see Table 1 on page 10 for details
- (4) Corner Brackets, do not need to be the same, see Table 2 on page 14 for details
- Aluminum Reinforcement Channel as required, see Table 3 on page 19 for details
- Marriage Brackets, Fork Brackets, and Leveling Brackets, if desired
- 3/8"-16 x 3/4" socket head screws, quantity varies by size of deck [Figure A.1]
- 3/8"-16 flange nuts, quantity varies by size of deck [Figure A.2]
- (4) 1/4"-20 x 1-1/4" Phillips flat head screws [Figure A.3]
- (4) 1/4"-20 flange nuts [Figure A.4]
- Deck surface material as desired, 3/4" nominal thickness (may also use thicker material)
- #10 x 3/4" flanged Phillips screws, quantity varies by size of deck [Figure A.5]
- 3/8"-16 x 1" flat cap socket screws as needed if using TD-LB, TD-MB2, TD-CB24, or TD-CB44 [Figure A.6]

 <p>A.1 3/8"-16 x 3/4" socket head screw</p>	 <p>A.2 3/8"-16 flange nut</p>	 <p>A.3 1/4"-20 x 1-1/4" Phillips flat head</p>
 <p>A.4 1/4"-20 flange nut</p>	 <p>A.5 #10 x 3/4" flanged Phillips screw</p>	 <p>A.6 3/8"-16 x 1" flat cap socket screw</p>

Stage Decks

Step One:

Attach the End Frames and any required Interior Joists to one of the Rim Joists, using (3) 3/8"-16 x 3/4" socket head screws and (3) 3/8"-16 flange nuts at each joint.

[See Figure B]

NOTE: DO NOT fully tighten the bolts at this point

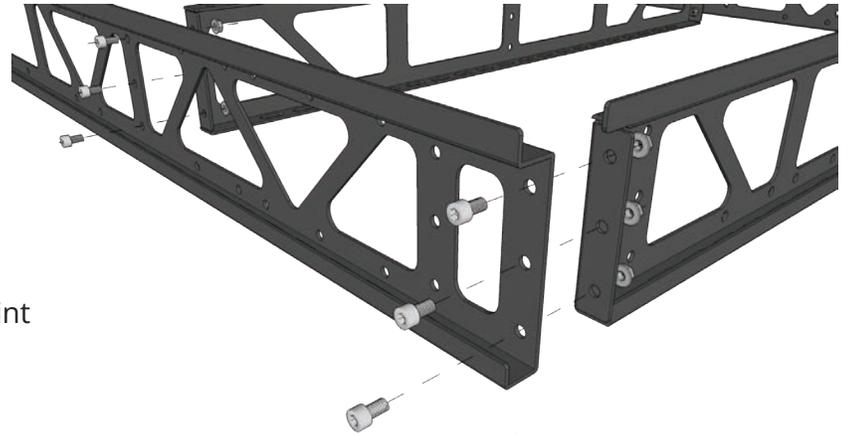


Figure B

Step Two:

Attach the second Rim Joist to the assembly, again using (3) 3/8"-16 x 3/4" socket head screws and (3) 3/8"-16 flange nuts at each joint. Once all joists are connected, tighten bolts to a recommended torque of 20 foot-pounds. When tightening the corners, ensure the edges are properly aligned [see Figures C.1 and C.2].

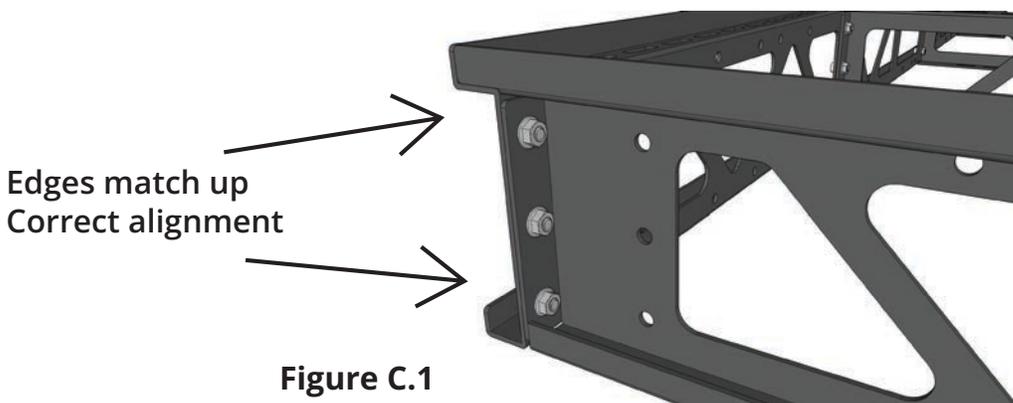


Figure C.1

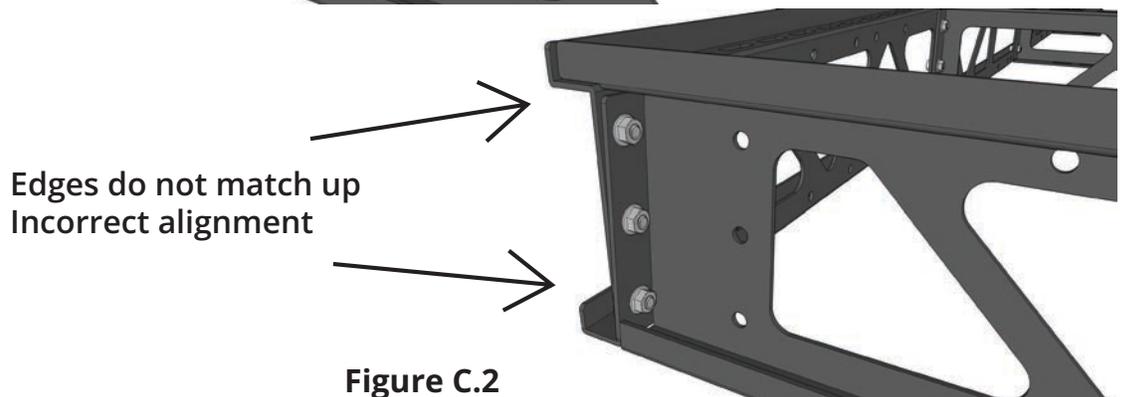
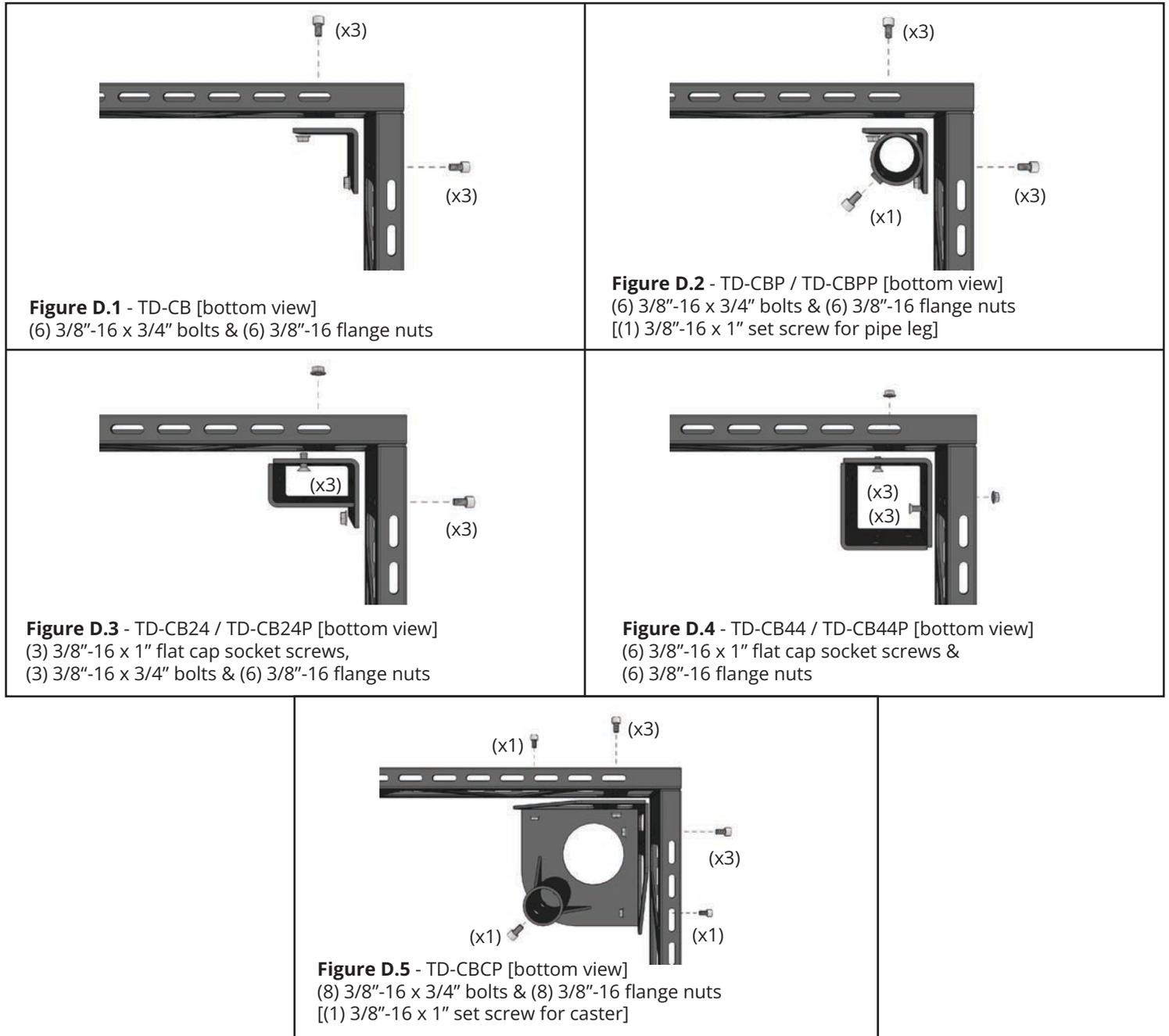


Figure C.2

Step Three:

Install the (4) corner brackets with the required hardware as per the figures below.



Stage Decks

Step Four:

Cut your deck surface to size. Measure the inside lip of the top of the deck frame to confirm what size the deck surface needs to be. The surface should be a solid nominal 3/4" thick material, cut approximately 5/16" shorter than both the length and width of the frame (e.g., the surface of a 4x8 deck will be around 95-11/16" x 47-11/16").

Step Five:

Check the fit of your deck surface in the frame. Lay out (4) holes in the corners of the deck surface for the 1/4"-20 Phillips flat head screws to line up with the holes in the lip of the Rim Joists. The center of these holes should be approximately 7/8" in from the short sides of the deck surface (End Frame edge) and 1/2" in from the long sides of the deck surface (Rim Joist edge) [see Figure E.1]. Drill the (4) holes and countersink the holes with the countersink facing up. Place the surface into the frame and bolt together using the (4) 1/4"-20 x 1-1/4" Phillips flat head screws and (4) 1/4"-20 flange nuts [see Figure E.2].

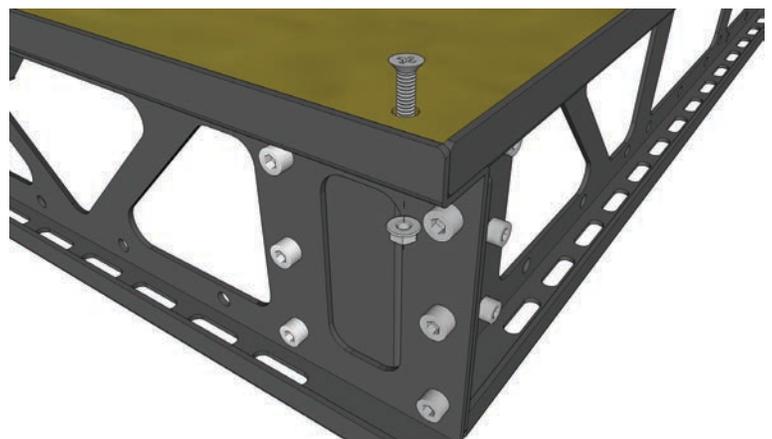
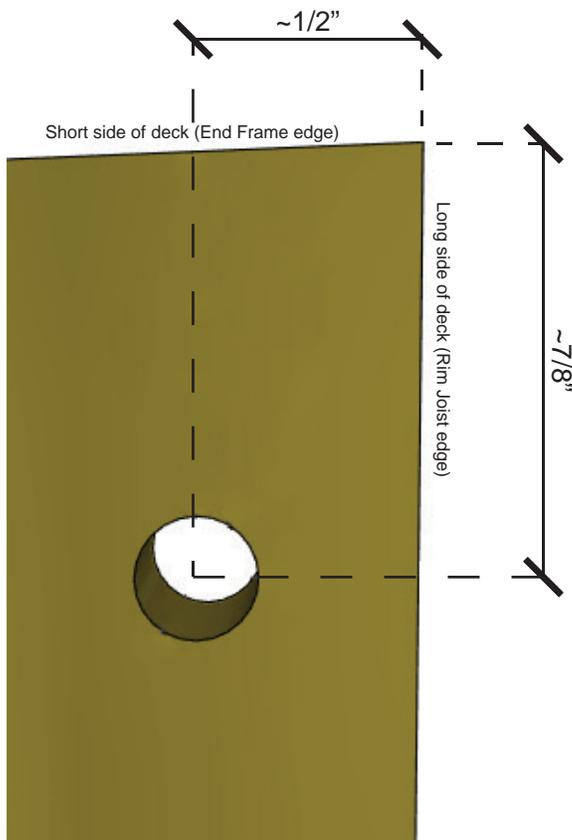


Figure E.2 - Attaching the surface to the frame at the corners

Step Six:

Turn the entire assembly upside down. Per Figures F.1 and F.2, use the #10 x 3/4" flanged Phillips screws to further secure the surface to the frame and attach any required Aluminum Reinforcement Channels [see Table 3 on page 19].

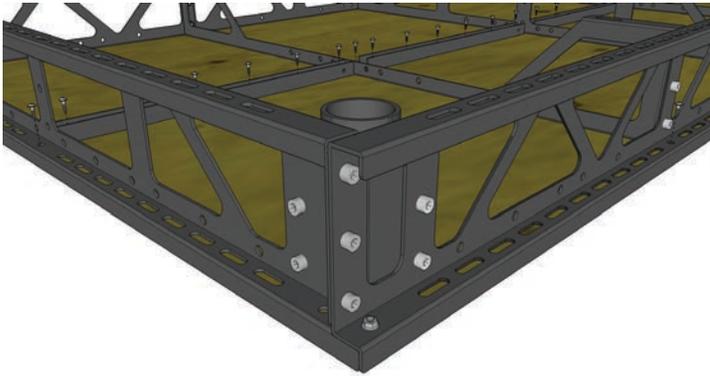


Figure F.1 - #10 x 3/4" flanged Phillips screws attach around the edge of the deck, as well as in the Aluminum Reinforcement Channels.



Figure F.2 - #10 x 3/4" flanged Phillips screws showing attaching to Aluminum Reinforcement Channels. Note that one is also placed through the center hole of the Interior Joist.

Legs & Accessories:

You are now ready to put legs on your deck. Nominal 2x4 and 4x4 wood legs must be supplied by the end user. Pipe legs and casters are available from Productions Unlimited, Inc. or users may supply their own. Pipe legs (1.5" Sch. 40 pipe) up to 5' may be used without any cross bracing. When using pipe legs or casters, be sure to use the 3/8"-16 x 1" socket head screw as a set screw to hold the legs in place.

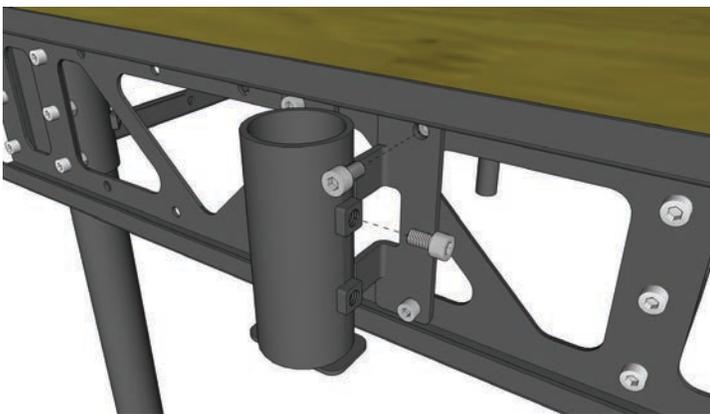


Figure G - Pipe Handrail Bracket attaching to the deck

Handrail Brackets:

Handrail Brackets provide a pocket, clamp, or pass through for vertical handrail support, and attach to Rim Joists or End Frames as shown in Figure G. All Handrail Brackets require (4) 3/8"-16 x 3/4" socket head screws and (4) 3/8"-16 flange nuts. The Pipe Handrail Bracket as shown in Figure G also requires (1) 3/8"-16 x 1" socket head screw as a set screw.

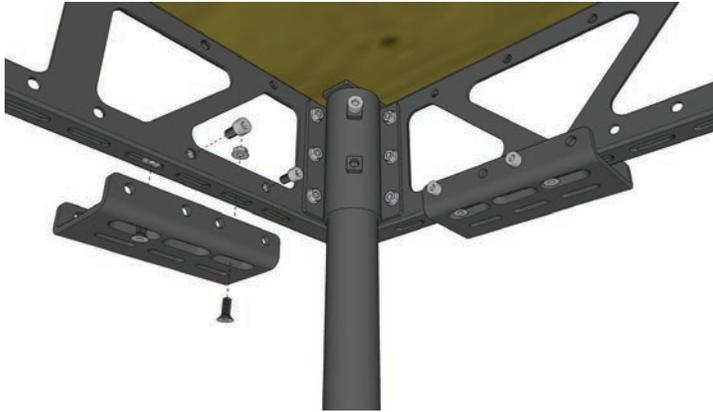


Figure H - Attaching the Marriage Brackets to the deck

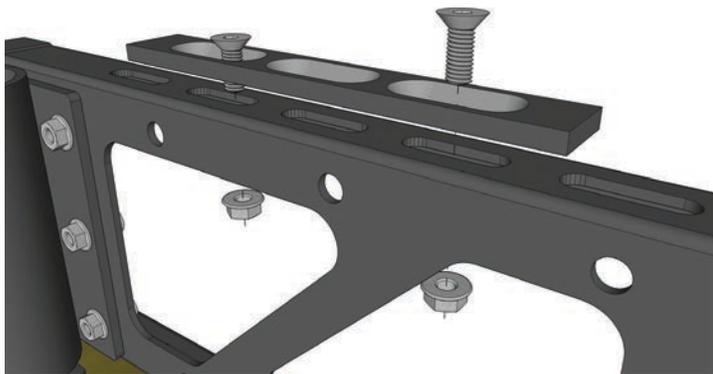


Figure I - Leveling Bracket attaching to bottom of frame

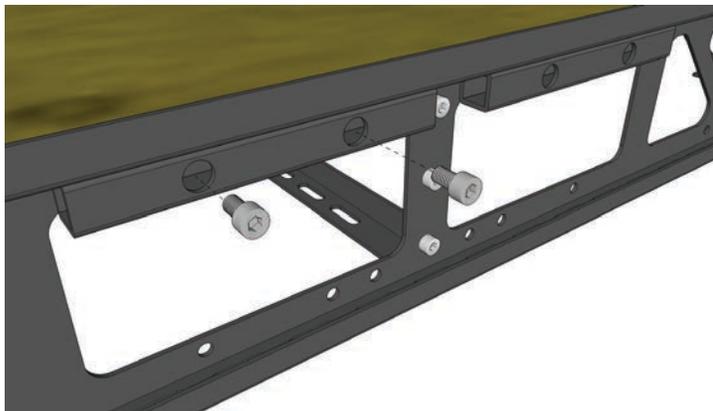


Figure J - Fork Brackets attach above the rectangular holes

Marriage Brackets:

Marriage Brackets are used to connect multiple decks together, strengthening the system and reducing the number of legs required [see Table 2 on page 14]. See Figure H for details on how to attach Marriage Brackets to the Rim Joists and End Frames. Requires 3/8"-16 x 3/4" socket head screws and flat cap socket screws as well as 3/8"-16 flange nuts.

Leveling Brackets:

Leveling Brackets are used if you are storing decks that also have Marriage Brackets attached. The Leveling Bracket are attached to the bottom of Rim Joists and End Frames on opposite sides from where the Marriage Brackets are attached. This allows the decks to sit flat in storage. Requires (2) 3/8"-16 x 1" flat cap socket screws and (2) 3/8"-16 flange nuts. [See Figure I]

Fork Brackets:

Fork Brackets attach directly above the rectangular holes on the Rim Joists and End Frames. Only needed if you plan on using a forklift to move the deck. Requires (2) 3/8"-16 x 3/4" socket head screws and (2) 3/8"-16 flange nuts. [See Figure J]
WARNING: Do NOT attempt to move a deck with a forklift without using the Fork Brackets. This can damage the Rim Joists and End Frames.

Tdeck+[®]

Stage Decks



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