

TC – 4S > 300 Series Stainless steel fastener with black oxide coating to better hide fastener between boards.

## PRODUCT FEATURES & COMPATIBILITY

The TC-4S is designed specifically for exotic hardwood decking lumber.

TC-4S will work in the following decking lumber varieties:

Brazilian redwood - Ipe - Iron Wood - Mangaris - PurpleHeart - Teak

Please consult your lumber professional or ask us for recommendations first if you plan to use any other type of hardwood in your decking project.

\*\*\* TC-4S Should NOT be used with the following types of decking:

Composite Decking - Cellular PVC Decking - Mahogany (Meranti, Cambara)  
Softwoods (Pressure Treated, Cedar)

### PLEASE NOTE:

TC-4S is designed for extreme hardwood decking (Ipe, Brazilian Redwood, Tiger Wood ...). These materials are known as “Ironwoods”. These types of decking experience very little expansion and contraction in normal conditions and if properly cared for. Consult with your decking supplier to learn more about how this decking will react to the climate in your area. Decking that may shrink or expand more than 1/8 inch after installation should not be used with the TC-4S.

## PRODUCT REQUIREMENTS

When using Tiger Claw fasteners please review and comply with these requirements to obtain proper installation. Failure to follow these requirements may result in deck failure and/or void of warranty.

Inspect decking material prior to installation. Omit any planks that contain hooks, twists, splits, cracks, or other defects. Always install decking with the crown upward.

When using:

Recommended for use in 3/4" or 5/4" hardwood decking with widths up to a nominal 4" (3.5" width). Consideration must be taken to ensure that decking expansion and/or contraction to climate is limited to  $\pm 1/16$ " in width.

## PRODUCT SPECIFICATIONS

Brand name: TC-4S: Stainless steel hidden deck fastener

Recommended Materials: Use with most 3" and 4" exotic hardwood decking no less than 3/4" in thickness (Ipe, Mangaris, Ironwoods, Brazilian Redwood)

Appearance: Semi gloss black finish, rectangular body with tear drop shaped hole along lower bend. Two sets of square shaped opposing prongs with concave tips on top. 1/8" spacing flanges on inner prongs.

Dimensions: .375" h x 2.12" w x .52" d

Material: .040 301 1/4 roll hardened stainless steel (Semi-magnetic) - Tensile strength ~ 220 kpsi - Yield strength ~ 110 kpsi

Finish: Passivated, black polymer coating.

Workability: All work can be done quickly from above using basic tools (hammer, screw gun, sledge hammer...)

Gapping: TC-4S will automatically create a 1/8" space between each board.

Expansion / Contraction: Fasteners are designed to allow decking to expand and contract naturally by sliding on the fastener prongs and still maintain hold down strength. TC-4S can handle total board movement up to 1/8th of an inch. Check with your decking supplier to find out how much expansion and contraction you can expect from your type of Hardwood decking.

Recommended Screw Used: Quality Stainless steel # 7 x 1 5/8" (#1 square drive) trim head decking screws included in each box and bucket of TC-4S.

Package Content:

Retail Box: (90) Tiger Claw fasteners (1) Installation instruction sheet (1) TC-4 Instruction Addendum (1) Installation Block (1) Support Addendum (1) (90) #7 x 1 5/8" stainless steel black oxide screws (1) #1 sq. drive bit.

Contractor Bucket: (1400) Tiger Claw Fasteners (2) Installation instruction sheet (2) TC-4 Instruction Addendum (2) support addendums (6) Installation Blocks (1400) #7 x 1 5/8" stainless steel screws, (8) #1 sq. drive bits, (1) Instructional DVD, (1) Increasing Profits, (1) Tiger Flyer

## COVERAGE

Coverage Estimator - A fastener is needed at every intersection of a joist and a support.

When using 3.5" decking\* with 16" on center joists:

90 pcs. box covers approx. 38 sq. feet.

1400 pcs. bucket covers approx. 545 sq. feet.

Or

Square footage x 2.75 = # Fasteners

For other configurations:

# Decking boards x # Supports = # Fasteners

# Fasteners / 90 = # Boxes (round up to next box)