

TC-1S > Heavy Gauge Steel with Magni 599® coating for outstanding corrosion protection and an additional black top coat to better hide fastener between boards.

PRODUCT FEATURES & COMPATIBILITY

The TC-1S is ideal for soft and low density woods*, 5/4” to 2” in all environments.

TC-1S will work in the following decking lumber varieties:

Atlantic White - Cedar Cedar - Coast Fir - Douglas Fir - Eastern Spruce
Eastern White Cedar - Port Orford Cedar - Southern Yellow Pine –
Pressure Treated Lumber - Western Red Cedar - Western Redwood - Yellow Cedar

Please consult your lumber professional or ask us for recommendations first if you plan to use any of the following uncommon woods in your decking project:

Cypress (soft)

*** TC-1S Should NOT be used with the following types of decking:

Composite Decking – Hardwoods - Mahogany - Cellular PVC Decking

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. It is recommended to install decking with the crown upward.

When using:

TC-1S is recommended for use in softwood decking measuring 1” or thicker lumber. Softwood decking will inherently experience shrinkage. When using decking material prone to high shrinkage, decking should be installed tightly together allowing shrinkage to provide gap over time. Shrinkage of decking board width must be limited to a maximum of 1/4". Ask your lumber provider for information on expected expansion and/or contraction of material for your particular climate.

PRODUCT SPECIFICATIONS

TC-1S: Coated steel hidden deck fastener

Recommended Materials: Use with any softwood decking no less than 1" in thickness like pressure treated, white cedar, red cedar, western redwood

Appearance: Semi gloss black finish, rectangular body with circle top V shaped hole in center. Two sets of large opposing prongs on top, one set of small prongs extending from bottom of body.

Dimensions: .663" h x 1.67" w x 1.25" d

Material: .060 1010 cold drawn steel (Magnetic) - Yield strength 44.2 kpsi - Tensile strength 52.9 kpsi

Finish: Magni 599® with black sealer topcoat

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

Gapping: Boards should be installed tight together and allowed to "shrink gap" over time.

Expansion / Contraction: Fasteners are designed to allow wood decking to expand and contract naturally by sliding on the fastener prongs and still maintain hold down strength. From the original point of installation TC-1S can handle up the 1/4" of contraction.

Recommended Screw Used: Quality Stainless steel # 8 x 2" bugle head decking screw. Screws are included in each box.

Package Content:

Retail Box: (90) TC-1S fasteners (90) #8x2" stainless steel screws. (1) Installation instruction sheet (1) Installation Block (1) Support Addendum (1) #2 Sq. Drive bit

COVERAGE

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

When using 5.5" decking with 16" on center joists:
90 pcs. box covers approx. 50 sq. ft.

Or

Square footage x 1.75 = # Fasteners

For other configurations:

Decking boards x # Supports = # Fasteners

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

