



**Trademark
HARDWARE**

INSTALLATION GUIDE



**ABRASIVE CAST
Safety Treads & Nosings**

Specify Abrasive Castings For:

- Maximum Durability in Rough Use
- Indoor or Outdoor Use
- Resistance to Unusually Corrosive Environments
- Anti-Slip Safety Properties
- Ready to Install Convenience
- New Construction or Existing Buildings

TREADS, NOSINGS AND THRESHOLDS FOR PROTECTION AND LONG WEAR

AVAILABLE WITH COUNTERSUNK HOLES

FRESH CONCRETE

WING TYPE ANCHOR

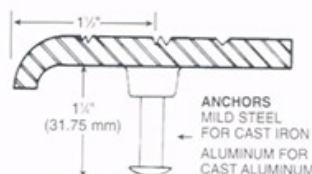
Steel wing anchors, bolts, and nuts are furnished for field attachment into factory-drilled and ctsk. holes, prior to tread installation. Standard spacing is 3" (76.2 mm) from ends on approx. 12" (304.8 mm) centers. In single, staggered or double row, according to tread width. Can be furnished on most types if specified. 3/4" length – FHMS. Wing metal, standard mild steel. Stainless steel upon request. Tapcon screws also available for cast nosings and treads



CONCEALED INTEGRAL ANCHOR

This concealed type anchor is furnished standard on cast types 150 and 250.

Anchor spacing on approx. 10" (254 mm) centers. Can be furnished on types 101, 101-SP, 116, 102, 103, 104, 105A, 100 but MUST BE SPECIFIED.



EXISTING CONSTRUCTION



WOOD OR MACHINE SCREWS



SILVER TAPCON SCREWS



SCREW & SHIELDS

Treads being superimposed on existing stairs can be furnished pre-drilled and ctsk. for wood, machine or Tapcon screws. Standard spacing is 3" (76.2 mm) in from each end, approx. 12" (304.8 mm) centers, in single, staggered, or double row, according to tread width. Will furnish #10 screws.

I. How to Install into Wet Concrete:

Order nosings or treads well in advance of the pour or installation date. Keeps treads free of dirt during construction (See protective tape option below).

1. Place the concrete into the stair forms or steel pans as quickly as possible; schedule pours so as to install the metal safety nosings quickly, before the "initial set" of the concrete occurs.
2. Puddle the concrete, tamp the safety nosings to insure proper concrete formation around the anchors.
3. Remove the protective tape as soon as practical
4. Close stairway after pour; permit no use for 24 hours.

Note: *The use of very large aggregate in the concrete mix may make placement of the safety nosing difficult.

* Safety nosing placement may be difficult in concrete with very low slump.

* Nosings should terminate not more than 4" from ends of steps for poured concrete stairs.

* For concrete filled steel pan stairs, nosings should be full length of steps less 1/8 inch clearance.

II. Drilling for Existing Construction:

Standard drilling for nosings 3" (76.2 mm) in from ends and on approximate 12" (304.8 mm) centers in single, staggered or double row according to width.

DO NOT predrill support structure before tread installation.

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