



**Trademark
HARDWARE**

INSTALLATION GUIDE

Installation Information

SPECTRA® PROFILES FOR SLOPED RISER STEEL PAN STAIRS... MEETS OSHA BARRIER-FREE DESIGN

Anchor Options:

Wet Concrete Anchor Options

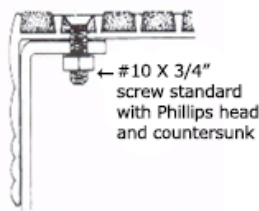
WING TYPE ANCHOR FOR CASE AND EXTRUDED NOSINGS



Steel wing anchors, bolts, and nuts are furnished for field attachment into factory-drilled and ctsk. (countersunk) holes, prior to tread installation. They are placed in a single, staggered, or double row, according to tread width. Can be furnished on most types if specified. 3/4" length – FHMS (Flathead Machine Screw). Wing is metal-standard mild steel. Tapcon screws also available for cast nosings and treads

BOLTED TO STEEL PAN RETURN

Nut and Bolt Anchorage can be provided for new steel pan stairs. Pan return must be 1" minimum. Specify pan return depth for drilling purposes. Standard hole spacing is 3" from ends one approx. 12" centers.



Existing Construction Anchor Options

WOOD OR MACHINE SCREWS, SILVER TAPCON SCREWS, or 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.*

Protective Tape: Nosings for NEW construction can be furnished with a protective tape cover. This tape should be removed after the stairs are installed. Tape coverings entail a small additional charge per lineal foot. Tape should not be left on treads longer than 45 days.

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.