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# Fasteners – Cast Products

## Anchors For Fresh Concrete or Existing Construction

A variety of fasteners/anchors are available for installation of Alumogrit® or Ferrogrit® nosings in fresh concrete or existing construction.

Choose from wing anchors, concealed integral anchors, bolts and nuts (for bolting to steel pan return), Tapcon screws, machine or wood screws.

When installing in fresh (wet) concrete the nosing must be installed before the initial set of the concrete occurs.

### FRESH CONCRETE

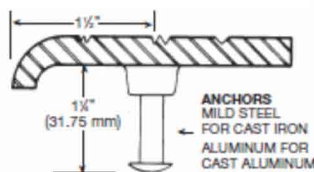
#### WING TYPE ANCHOR FOR CAST AND EXTRUDED NOSINGS

Steel wing anchors, bolts, and nuts are furnished for field attachment into factory-drilled and ctsk. holes, prior to tread installation, 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. ¾" 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.



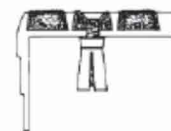
### EXISTING CONSTRUCTION



**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.

#### BOLTED TO STEEL PAN RETURN

Nut and Bolt anchorage can be provided for new steel pan stairs. Pan return must be 1" (25.4 mm) minimum. Specify pan return depth for drilling purposes. Can be furnished on types WP-2, WP-RN2SG, WP-RN2SP, WP-RN2-NG, WP-3, WP-RN3SG, WP-RN3SP, WP-RN3SG-NG, WP-RN3SP-NG, 122, 132, 138, 142, 133, 162, 101-SP, 102, 103, but MUST BE SPECIFIED. Standard hole spacing is 3" (76.2 mm) from ends on approx. 12" (304.8 mm) centers.

