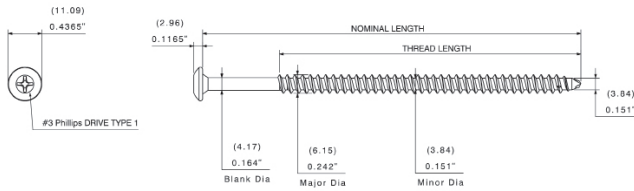


HD #14 DRILL POINT FASTENERS



Description

Extra Heavy Duty Roofing Fastener with #3 Phillips Truss Head, Cathodic epoxy e-coat-10 threads per inch. Ideal multi-purpose fastener for use with 18-22ga. steel, structural concrete, and wood.

Application

- Insulation and membrane attachment to steel, wood and structural concrete decks.

Features and Benefits

- Extra stable #3 Phillips drive, recessed in truss head
- Low profile truss head can be used for clip attachment in applications where head height is important
- 10 threads per inch for ease of installation in concrete roof decks
- The proprietary asymmetric reduced drill point provides for ultimate pull-out values by producing a minimum opening. Thread engagement is superior as compared to standard drill points
- Cathodic epoxy e-coat

Material

- Steel thickness from 22 ga (.030") through 18 ga (.048"): Min penetration: 3/4"
- Wood 2x (1-1/2" thick): Min penetration: 1"
- Plywood and OSB: Min through penetration: 3/4"
- Structural Concrete: Min penetration: 1"

Coating and Corrosion

- 15/15 Kesternich per FM 4470
- 800 hour salt spray per ASTM B117
- Cathodic epoxy e-coat

Performance Data

- Material Strength
- Tensile: 3300 lbf / 14679 N
- Shear: 2100 lbf / 9341 N
- Torsional: 2100 lbf / 9341 N.m

Installation and Application Considerations

Tools: 2000 - 2500 rpm screw guns with hardened #3 Phillips bit. For structural concrete, 3/16" carbide bit and 1500 rpm max screw guns, or hammer drills in the hammer mode. Structural concrete to be predrilled with standard 3/16" carbide bit to minimum 1/2" deeper than fastener penetration. The standard carton package includes one #3 Phillips bit.

Options and Packaging

- 2"-4" Lengths: 100/bag or 1000/bucket.
- 5"-8" Lengths: 100/bag or 500/bucket.
- 9"-24" Lengths: Call for details.
- Weights and Dimension: Vary by product.

Pull Out Strength

Steel

- 18 Ga (1.2mm): 900 lbf / 4003 N
- 20 Ga (0.9mm): 635 lbf / 2825 N
- 22 Ga (0.8mm): 457 lbf / 2033 N

Wood

- 2 x dimensional lumber (1" penetration) (25.4mm): 605 lbf / 2691 N
- 3/4" (19.1mm) FR Plywood (through penetration): 590 lbf / 2624 N

Concrete

- 4000 psi (1" penetration) (25.4mm): 850 lbf / 3781 N

Custom options may be available for additional charge. Lead times may apply depending on roofing manufacturer and product availability.

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Information source:

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