#12 Phillips Head

**DEKFAST™ DF-#12-PH3**

### Features and Benefits
- Extra stable #3 Phillips drive
- Drill point design prevents fastener walking
- 13 threads per inch provides higher pull-out values
- Drill point cuts through gravel and BUR
- Cathodic epoxy e-coat

### Application
Insulation and cover board attachment to steel and wood roof decks

### Product Selection

<table>
<thead>
<tr>
<th>Material No.</th>
<th>Fastener Length</th>
<th>Thread* Length</th>
<th>Description</th>
<th>Carton Wt. (lbs.)</th>
<th>Carton Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>785683</td>
<td>1-5/8&quot;</td>
<td>Full</td>
<td>DF-#12x1-5/8-PH3-E0999-B</td>
<td>13</td>
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<td>2-1/4&quot;</td>
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<td>3&quot;</td>
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<td>4&quot;</td>
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<td>4&quot;</td>
<td>DF-#12x8-PH3-E0999-B</td>
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<td>500</td>
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</tbody>
</table>

*Note – Thread length measured from tip of the drill point to end of the threads.*
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Material:
- Steel thickness from 22 ga (0.030 in.) through 18 ga (0.048 in.): Min penetration: 3/4"
- Wood 2x (1-1/2" thick): Min penetration: 1"
- Plywood and OSB: Min through penetration: 3/4"

Installation and Application Considerations
Tools: 2000–2500 rpm screw guns with hardened #3 Phillips bit. #12 Dekfast fasteners can be pre-assembled with metal or plastic insulation plates and installed using SFS Stealth tool.
The standard carton package includes one #3 Phillips bit.

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

Approvals
State of Florida: FL20311
16-0712.08

Performance Data¹,²

<table>
<thead>
<tr>
<th>Material Strength</th>
<th>Tensile</th>
<th>Shear</th>
<th>Torsional</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile</td>
<td>3100 lbf / 13789 N</td>
<td>1800 lbf / 8007 N</td>
<td>60 lbf-in / 6.78 N-m</td>
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<tr>
<td>Shear</td>
<td></td>
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<tr>
<td>Torsional</td>
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</table>

Pull Out Strength Steel
18 Ga (1.2 mm): 787 lbf / 3501 N
20 Ga (0.9 mm): 695 lbf / 3092 N
22 Ga (0.8 mm): 564 lbf / 2509 N

Pull Out Strength Wood
2x dimensional lumber (1" penetration) (25.4 mm): 462 lbf / 2055 N
3/4" (19.1 mm) FR Plywood (through penetration): 575 lbf / 2558 N

¹ SFS-SC12250.10.17
² SFS 5509.18

Metric values are approximate conversions.

The details stated are results of tests and/or calculations and therefore are non-binding and do not represent guarantees or warranted characteristics for not specified applications. All calculations therefore have to be checked and approved by the responsible planner ahead of execution. The user is responsible to assure compliance with all applicable laws and regulations.