

# #12 Purlin DEKFAST™ DF-#12-PC-SQ3



### Features and Benefits

- Extra stable #3 square drive provides superior bit engagement
- Drill point design prevents fastener walking
- 24 threads per inch allow for easier driving of the fastener and greater pull-out values
- Shank diameter is smaller than that of the drill point and the outside thread diameter, allowing thick metal to be drilled and cleared of chips before threads tap into metal
- Cathodic epoxy e-coat

### Application

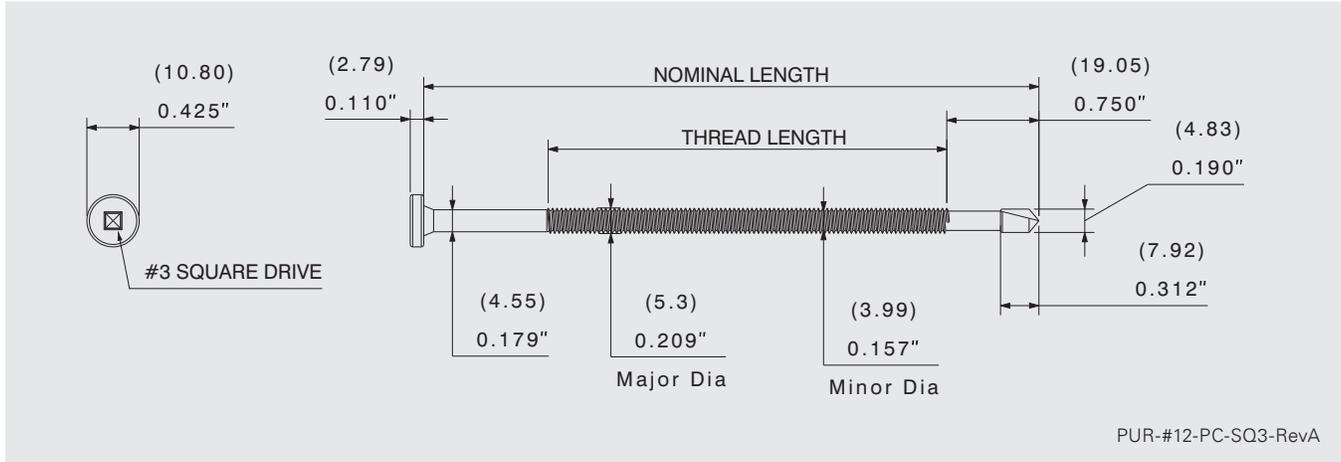
For retrofit roofing where heavy gauge purlin material must be penetrated

### Product Selection

Material No.	Fastener Length	Thread* Length	Pilot Length	Description	Carton Wt. (lbs.)	Carton Qty.
1202224	3-3/4"	2-5/8"	3/4"	PUR-#12x3-3/4-PC-SQ3-E0999-B	33	1,000
1202226	4-3/4"	2-5/8"	3/4"	PUR-#12x4-3/4-PC-SQ3-E0999-B	41	1,000
1202228	5-3/4"	2-5/8"	3/4"	PUR-#12x5-3/4-PC-SQ3-E0999-B	48	1,000
1202230	6-3/4"	2-5/8"	3/4"	PUR-#12x6-3/4-PC-SQ3-E0999-B	28	500
1709641	7-3/4"	2-5/8"	3/4"	PUR-#12x7-3/4-PC-SQ3-E0999-B	36	500
1709642	8-3/4"	2-5/8"	3/4"	PUR-#12x8-3/4-PC-SQ3-E0999-B	40	500

\*Note – Thread length measured from end of the pilot length to end of the threads.

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PUR-#12-PC-SQ3-RevA

### 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 Data<sup>1,2</sup>

#### Material Strength

Tensile	2300 lbf / 10231 N
Torsional	100 lbf-in / 11.30 N-m

#### Pull Out Strength Steel

<b>12 Ga (2.6 mm):</b>	1477 lbf / 6570 N
<b>14 Ga (1.9 mm):</b>	869 lbf / 3866 N
<b>16 Ga (1.5 mm):</b>	599 lbf / 2664 N
<b>18 Ga (1.2 mm):</b>	424 lbf / 1886 N
<b>3/16" (4.8 mm):</b>	2300* lbf / 10231 N
<b>1/4" (6.4 mm):</b>	2300* lbf / 10231 N

\* Denotes tensile failure of fastener (fastener failed in tension before pulling out of tabulated substrate). Fasteners are designed for the attachment of roofing materials to purlins. Designated pull-out values depend on the quality of materials to which the fastener is being attached. Pull-out tests need to be conducted to verify that the substrate provides adequate pull-out values.

<sup>1</sup> SFS-SC12250.10.17

<sup>2</sup> SFS 5509.18

### Installation and Application Considerations

Tools: 1800–2500 rpm screw gun equipped with depth sensing nosepiece. The standard carton package includes one Square Drive Bit #3.

#### Up to 1/4" purlin steel

- Steel thickness from 18 ga (0.048") through 1/4" (0.250")