

Purlin Fastener

#3 square drive, drill point  
For retro-fit roofing systems where heavy gauge purlin material must be penetrated

- 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.

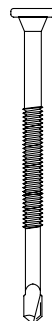
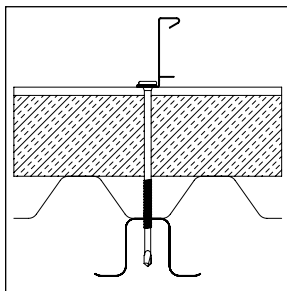
- 24 threads per inch allow for easier driving of the fastener and greater pull-out values.
- Standard gray e-coat coating provides compatibility with white, galvanized or gray deck undersides.

Application

**Dekfast #12 Purlin Fasteners**  
Up to 1/4" purlin steel

Materials:

- Steel thickness: 18 ga (.045" nominal) through 1/4" (.250")



Head: #3 square, pancake head  
Head Height: .110"  
Head Dia: .445"  
Thread Major Dia: .207"  
Shank Dia: .179" nom

**Strength (lbs ult.):**  
Tensile: 2300  
Torsional: 100 in-lbs min

**Pull-out (lbs avg.):**  
18 ga (.045): 375  
16 ga (.060): 599  
14 ga (.075): 869  
12 ga (.104): 1477  
3/16" (.188): 2300\*  
1/4" (.250): 2300\*

Notes

Dimensions are nominal inches unless noted.

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

Selection

Length	Part No.	Composite Thickness	Carton Wt. (lbs)	Carton Qty.
12 x 1-3/8"	C4305-995B	Up to 3/8"	16	1000
12 x 2-3/4"	C4315-995B	Up to 1-3/4"	26	1000
12 x 3-3/4"	C4325-995B	Up to 2-3/4"	33	1000
12 x 4-3/4"	C4335-995B	1-1/4" to 3-3/4"	41	1000
12 x 5-3/4"	C4345-995B	2-1/4" to 4-3/4"	48	1000
12 x 6-3/4"	C4355-995B	3-1/4" to 5 3/4"	28	500
12 x 7-3/4"	C4365-995B	4-1/4" to 6-3/4"	32	500

Approvals

Dekfast purlin fasteners coating exceeds Factory Mutual corrosion resistance Standard 4470.

Installation

Tools: 1800 – 2500 rpm screw gun equipped with depth-sensing nosepiece.

Options

Coatings

