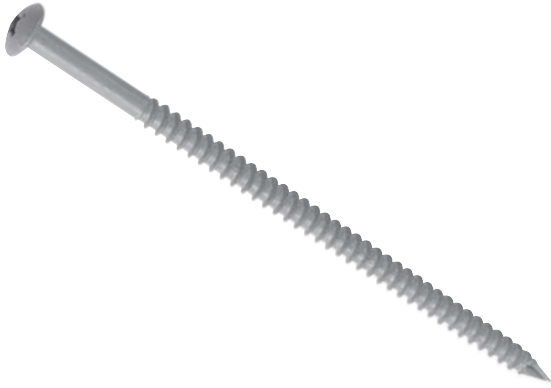


# HD 14-10 Fastener



## Overview

Carlisle's HD 14-10 Fastener is a heavy-duty threaded fastener designed to be used with various Carlisle fastening plates to secure mechanically attached membranes, insulation, and Pressure-Sensitive (PS) RUSS strips into structural concrete (minimum 2,500 psi) roof decks. The HD 14-10 Fastener also features outstanding resistance to pullout and corrosion.

## Features and Benefits

- » Manufactured with heavy-duty #14 wire for strength and durability
- » Utilizes a #3 Phillips drive
- » Excellent corrosion resistance, surpassing the FM 4470 corrosion test
- » Can be reversed out of a pre-drilled hole without damage to the deck

## Installation

Drill a hole with an ANSI standard  $\frac{3}{16}$ -inch (5 mm)-diameter drill bit. A  $\frac{7}{32}$ -inch (5.6 mm)-diameter bit may be substituted for the  $\frac{3}{16}$ -inch bit if fastener breakage is encountered. Check to be sure that the pullout resistance has not been compromised when using the  $\frac{7}{32}$ -inch bit. Insert the fastener through the appropriate plate and tighten with a screw gun. The minimum embedment depth is 1 inch (25.4 mm).

*Review Carlisle specifications and details for complete installation information.*

## Precautions

- » The pilot hole must be pre-drilled to a sufficient depth to prevent contact between the fastener tip and any accumulated dust in the pre-drilled hole.
- » Eye protection is recommended during drilling and installation of fasteners.
- » High-strength concrete decks can cause threaded fasteners to break (twist off) during installation. Use Carlisle's CD-10 Fastener if breakage is persistent.

## Typical Properties and Characteristics

Size – Inches (mm)	Weight/Bucket (Kg)	Thread Length – Inches (mm)	Packaging Fasteners/ Carton
2 (50)	18 lbs (8.2)	Full	1,000
3 (76)	26 lbs (11.8)	Full	1,000
4 (102)	34 lbs (15.4)	3 (75)	1,000
5 (127)	21 lbs (9.5)	4 (100)	500
6 (152)	25 lbs (11.3)	4 (100)	500
7 (178)	29 lbs (13.2)	4 (100)	500
8 (203)	33 lbs (15.0)	4 (100)	500
9 (229)	36 lbs (16.3)	4 (100)	500
10 (250)	40 lbs (18.1)	4 (100)	500
11 (279)	44 lbs (20.0)	4 (100)	500
12 (305)	49 lbs (22.2)	4 (100)	250
14 (355)	29 lbs (13.2)	4 (100)	250
16 (405)	37 lbs (16.8)	4 (100)	250
18 (455)	41 lbs (18.6)	4 (100)	250
20 (510)	47 lbs (21.3)	4 (100)	250

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.