



**#14 DRILL POINT CARBON STEEL**

DEKFAST® roofing screws are use for a variety of connections providing superior performance and easy installation. They are compatible for most roof systems to attach rigid insulation to steel or wood deck.

**APPLICATIONS**

Carbon Steel: Attach to wood, concrete, or steel <=16ga (.060" | 1.52mm)

**#14 DRILL POINT 410 STAINLESS STEEL**

This all purpose fastener is engineered to provide superior corrosion resistance in the most severe environments. The self-drilling point penetrates steel quickly and can also be used in treated wood.

**APPLICATIONS**

410 SS: Attach to wood or steel <=18ga (.048" | 1.22mm)

**DIMENSIONAL & PHYSICAL PROPERTIES**

 <b>Thread Dimensions</b>	 <b>Truss Head</b>
Major Dia.: .242"	Drive: #3 Cross Recess
Minor Dia.: .151"	Head Height: .116"
	Head Diameter: .437"

**MATERIAL AND FINISH**

Carbon Steel..... Epoxy Coated  
410 Stainless Steel..... Passivated

**CORROSION PROTECTION**

Meets or exceeds FM4470 corrosion standards per Kesternich DIN 50018 SFW 2.0 test. of 15 cycles

**SIZES | CARBON STEEL**

Screw Length	Thread Length	Pieces/Box	Weight/Box	PRICE
1-1/4"	FULL	1000	14#	
2"	FULL	1000	18#	
3"	FULL	1000	26#	
4"	3-7/8"	1000	31#	
5"	3-7/8"	1000	42#	
6"	3-7/8"	1000	47#	
7"	3-7/8"	500	27#	
8"	3-7/8"	500	30#	
9"	3-7/8"	500	34#	
10"	3-7/8"	500	38#	
11"	3-7/8"	500	43#	
12"	3-7/8"	500	45#	

**SIZES | 410 STAINLESS STEEL**

Screw Length	Thread Length	Pieces/Box	Weight/Box	PRICE
1-1/2"	FULL	1000	14#	
2"	FULL	1000	18#	
3"	FULL	1000	26#	
4"	3-7/8"	1000	31#	
5"	3-7/8"	1000	42#	
6"	3-7/8"	1000	47#	
7"	3-7/8"	500	27#	
8"	3-7/8"	500	30#	
9"	3-7/8"	500	34#	
10"	3-7/8"	500	38#	
11"	3-7/8"	500	43#	
12"	3-7/8"	500	45#	

**INSTALLATION TIPS**

Screwgun: Use 2,000 RPM max screw gun with torque control  
Metal Deck: Fastener must penetrate the deck by a minimum of 3/4".  
Concrete and Wood: Fastener embedment of at least 1" or a minimum of 3/4" penetration beyond the wood decking.

**PERFORMANCE SPECIFICATIONS**

**Pullout for #14 Carbon Steel and Stainless Steel DEKFAST®**

WOOD	Plywood Fire Rated	2x Dimensional Lumber
Thickness	3/4"	1" Embedment
Pullout (lb.)	590	605

**WOOD:** Pullout values in wood are average ultimate in pounds. A minimum safety factor of four (4) should be used for design.

CONCRETE	4000 PSI Concrete
Embedment	1"
*Pullout (lb.)	850

**CONCRETE:** Pullout values are ultimate. A minimum safety factor of four (4) should be used for design.

\*Carbon Steel Only

**STEEL:** Pullout values in steel are calculated per S100 specification and are the minimum value. A minimum safety factor of three (3) should be used for design.

STRENGTHS	ULTIMATE LOAD
Tensile	3,300 lb min.
Shear	2,100 lb min.
Torsional	110 lb-in min.

**Drill Bit Size - Concrete**

3/16" Carbide Tip  
**NOTE:** Drill hole at least 1/2" deeper than screen embedment



STEEL	ASTM A653 Grade 33				ASTM A563 Grade 40				ASTM A653/A1008 Grade 50				ASTM A653/A1008 Grade 80			
Grade	ASTM A653 Grade 33				ASTM A563 Grade 40				ASTM A653/A1008 Grade 50				ASTM A653/A1008 Grade 80			
Tensile Strength	45 ksi				55 ksi				65 ksi				82 ksi			
Thickness	22 ga.	20 ga.	18 ga.	16 ga.	22 ga.	20 ga.	18 ga.	16 ga.	22 ga.	20 ga.	18 ga.	16 ga.	22 ga.	20 ga.	18 ga.	16 ga.
Pull-out (lb.)	278	333	444	555	339	407	543	679	401	481	642	802	506	607	810	1012

All information is non-binding and without guarantee. Before using the products, all specifications and calculations must be checked by a suitably qualified person and local regulations must be observed. This document is subject to revision. We reserve the right to make technical changes. (0321-1)