



**#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 316 STAINLESS STEEL**

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

**APPLICATIONS**

316 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  
316 Stainless Steel..... Zinc Plated

**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 | 316 STAINLESS STEEL BI-METAL**

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#	

**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																																
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.	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																

**DISCLAIMER**

The performance specifications published in this literature are based on controlled laboratory tests and are intended as a guideline only. They are not guaranteed in any way by TFC (the manufacturer), since building design, engineering, and construction, including workmanship and materials, are beyond the control of the manufacturer. The manufacturer recommends that pull-out tests be conducted to verify the substrate provides adequate pull-out values.