



#12 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.

Contact your TFC product professional for approval details.

APPLICATIONS

Attach to wood or steel
Up to 16ga max (.060" | 1.52mm)

SIZES

Screw Length	Thread Length	Pieces/Box	Weight/Box	PRICE
1-5/8"	FULL	1000	13#	
2-1/4"	FULL	1000	17#	
3"	FULL	1000	20#	
4"	FULL	1000	30#	
5"	4"	1000	34#	
6"	4"	1000	41#	
7"	4"	500	24#	
8"	4"	500	48#	

DIMENSIONAL AND PHYSICAL PROPERTIES



Thread Dimensions
Major Dia.: .222"
Minor Dia.: .130"



Truss Head
Drive: #3 Cross Recess
Head Height: .112"
Head Diameter: .437"

MATERIAL: Carbon Steel

FINISH: Epoxy coating (black)

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 1" penetration through wood decking.

PERFORMANCE SPECIFICATIONS

Pullout for #12 Carbon Steel DEKFAST®

WOOD	Plywood Fire Rated	2x Dimensional Lumber
Thickness	3/4"	1" Embedment
Pullout (lb.)	462	575

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

STRENGTHS	ULTIMATE LOAD
Tensile	3,100 lb min.
Shear	1,800 lb min.
Torsional	60 lb-in min.

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.

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.)	255	306	408	509	311	374	498	623	368	442	589	736	464	557	743	928

CORROSION PROTECTION

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

