

**THE MOST COMPREHENSIVE FASTENER LINES AND SUPPORT PROGRAMS IN THE ROOFING INDUSTRY!**



**Product Support**

Our knowledgeable sales team is available to assist you with all of your fastening systems requirements.



- Fastener recommendations
- Job-site assistance
- Product training
- Delivery programs
- Technical assistance

**We offer fasteners compatible with a variety roof systems!**

- Carlisle
- Firestone
- GAF
- Genflex
- Johns-Manville
- Sarnafil
- Soprema
- Tamko
- Versico

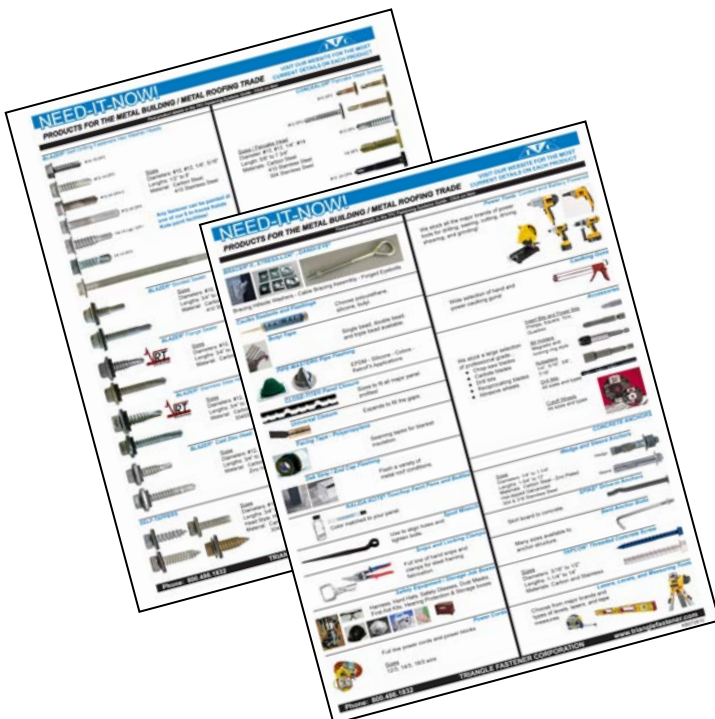


On-site support to assist with determining the proper fastener.

Contact a TFC representative for assistance with your next roofing job!

**Need-It-Now!™ "Trade Specific" Product Program**

Use our NEED-IT-NOW!™ trade specific program to help you located those hard to find fasteners for difficult applications.



**BENEFITS OF THE NEED-IT-NOW!™ PROGRAM**

- Provides a fast and easy way to locate trade specific products.
- Using our website makes it easy to locate detailed product and technical information.
- Provides a list of trade specific products to assist in developing an inventory program to support specific needs.
- Reminds you of all the items TFC has available for your specific trade.
- Provides pricing details on all items to reduce lead times.

Contact us to learn more about the Need-It-Now!™ Program!



**#12-15 DP1 DRILL POINT  
TRUSS HEAD**

Uses: Wood or steel (16 ga. - 22 ga.).  
Material: Carbon Steel

Back-out Resistance: Typical back-out steel deck  
(18 ga. through 24 ga.) 10 - 14 in lbs.

Corrosion Protection: Epoxy coating (black)  
meets or exceeds FM4470 corrosion standards  
and withstands 15 cycles of the Kesternich DIN  
50018 SFW 2.0 test.

Rev.042111

Head Height: .095" - .105"  
Head Diameter: .425" - .440"



**SIZES AND PERFORMANCE SPECIFICATIONS**

Screw Length	Thread Length	Pieces/ Box	Weight/Box
1-5/8" (41mm)	FULL	1000	12#
2-1/4" (57mm)	FULL	1000	16#
2-7/8" (73mm)	FULL	1000	19#
3-1/4" (83mm)	2-7/8" (22mm)	1000	22#
3-3/4" (95mm)	2-7/8" (22mm)	1000	25#
4-1/2" (114mm)	4" (101mm)	1000	30#
5" (127mm)	4" (101mm)	1000	32#
6" (152mm)	4" (101mm)	1000	38#
7" (177mm)	4" (101mm)	1000	42#
8" (203mm)	4" (101mm)	1000	48#

Pull-out Values in Steel	
18 Ga.	558 lbs.
20 Ga.	456 lbs.
22 Ga.	452 lbs.
24 Ga.	335 lbs.



**#12-15 DP1 DRILL POINT  
1/4" HEX WASHER HEAD**

Uses: Wood or steel (16 ga. - 22 ga.).  
Material: Carbon Steel

Back-out Resistance: Typical back-out steel deck  
(18 ga. through 24 ga.) 10 - 14 in lbs.

Corrosion Protection: Epoxy coating (black) meets  
or exceeds FM4470 corrosion standards and  
withstands 15 cycles of the Kesternich DIN 50018  
SFW 2.0 test.

Rev.042111



**ATTACHMENT TIPS**

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.

**Sentry Plus Five fasteners are FM approved and fastener coatings meet FM specification #4470.  
Contact your TFC product professional for approval details.**



**#14-13 DP1 DRILL POINT TRUSS HEAD CARBON STEEL**

Uses: Wood, concrete or steel (16 ga. - 22 ga.).  
Material: Carbon Steel

Corrosion Protection: Epoxy coating (black) meets or exceeds FM4470 corrosion standards and withstands 15 cycles of the Kesternich DIN 50018 SFW 2.0 test.

Rev.042111

Head Height: .095" - .105"  
Head Diameter: .425" - .440"



**ATTACHMENT TIPS**

Metal Deck: Fastener must penetrate the deck by a minimum of 3/4".

Concrete and Wood: Fastener embedment of 1" or a minimum of 1" penetration through wood decking.

**SIZES AND PERFORMANCE SPECIFICATIONS**

Screw Length	Thread Length	Pieces/Box	Weight/Box
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#

Pull-out Values in Steel	
18 Ga.	830 lbs.
20 Ga.	656 lbs.
22 Ga.	472 lbs.
24 Ga.	347 lbs.

Pull-out Values in Concrete 3000PSI	
1" Embedment	740 lbs.

Pull-out Values in Wood	
1/2" Plywood	442 lbs.
3/4" Plywood	495 lbs.
Wood Plank 1" Embedment	517 lbs.

Shear Strength in Concrete 3000PSI	
1" Embedment	586 lbs.

(Loads are average ultimate)



**#14-13 DP1 DRILL POINT TRUSS HEAD STAINLESS STEEL**

Uses: Wood or steel (16 ga. - 22 ga.).  
Material: TRIM-RIITE martensitic stainless steel passivated. Magnetic

Factory Mutual Systems Approved: JI-1H2Ao.AM, JI-0J9A1.AM, JI-1G1A6.AM. 18 ga.- 20 ga. - 22 ga. metal decks, wood decks and reroof steel decks.

Corrosion Protection: Passivated meets or exceeds FM4470 corrosion standards and withstands 30 cycles of the Kesternich DIN 50018 SFW 2.0 test.

Head Height: .095" - .105"  
Head Diameter: .425" - .440"



Properties	Annealed	Hardened*
<b>02% Yield Strength</b>		
KSi	57	184
MPa	394	1270
<b>Tensile Strength</b>		
KSi	94	260
MPa	650	1800
% Elongation (in 1")	35	14
% Reduction of Area	68	52
Hardness	B87	C50

\*1900°F 15 minute aircool plus 400°F hr, AC

**SIZES AND PERFORMANCE SPECIFICATIONS**

Screw Length	Thread Length	Pieces/Box	Weight/Box
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#

Pull-out Values in Steel	
18 Ga.	830 lbs.
20 Ga.	656 lbs.
22 Ga.	472 lbs.
24 Ga.	347 lbs.

Pull-out Values in Concrete 3000PSI	
1" Embedment	740 lbs.

Pull-out Values in Wood	
1/2" Plywood	442 lbs.
3/4" Plywood	495 lbs.
Wood Plank 1" Embedment	517 lbs.

Shear Strength in Concrete 3000PSI	
1" Embedment	586 lbs.

(Loads are average ultimate)



**#15-13 DP1 DRILL POINT  
TRUSS HEAD  
CARBON STEEL**

Uses: Wood, concrete or steel (16 ga. - 22 ga.).  
Material: Carbon Steel

Corrosion Protection: Epoxy coating (black) meets or exceeds FM4470 corrosion standards and withstands 15 cycles of the Kesternich DIN 50018 SFW 2.0 test.

Rev.042111

Head Height: .095" - .105"  
Head Diameter: .425" - .440"



*Great for retrofit base attachment.  
Tap up to 1/2" thick steel. Use  
1/4" drill bit.*

**SIZES AND PERFORMANCE SPECIFICATIONS**

Screw Length	Thread Length	Pieces/Pail	Weight/Pail
1 1/4	FULL	1000	14#
2	FULL	1000	21#
3	2 7/8	1000	31#
4	3 7/8	1000	40#
5	3 7/8	1000	49#
6	3 7/8	500	29#
7	3 7/8	500	34#
8	3 7/8	500	38#
9	3 7/8	500	43#
10	3 7/8	500	48#
11	3 7/8	500	52#
12	3 7/8	500	57#
14	3 7/8	250/Bx	33#/Bx
16	3 7/8	250/Bx	38#/Bx
18	3 7/8	250/Bx	43#/Bx
20	3 7/8	250/Bx	47#/Bx
22	3 7/8	250/Bx	52#/Bx
24	3 7/8	250/Bx	56#/Bx

Pull-out Values in Steel	
22 Ga.	538 lbs.
20 Ga.	916 lbs.
18 Ga.	916 lbs.
*14 Ga.	892 lbs.
*12 Ga.	1,567 lbs.
*1/8"	1,271 lbs.
*1/4"	2,693 lbs.

Pull-out Values in Wood	
19/32" Plywood	485 lbs.
1" Wood Plank Full penetration	995 lbs.
1/2" embedment	543 lbs.

Pull-out Values in Concrete 3000PSI	
1" Embedment	1002 lbs.

**ATTACHMENT TIPS**

Metal Deck: Fastener must penetrate the deck by a minimum of 3/4".

Concrete and Wood: Fastener embedment of 1" or a minimum of 1" penetration through wood decking.

**Drill Bit Size - Steel**

1/4" 135° Split Point

\*Pre-drilling required for steel thicker than 14 Ga.

**Drill Bit Size - Concrete**

7/32" Carbide Tip

(Loads are average ultimate)

Rev.041311



**3" METAL STRESS PLATE**

Testing: Meets or exceeds Factory Mutual I-60 or I-90 wind up lift specifications when properly installed on most insulation boards.

Feature: Plate is formed from 26 gauge Galvalume™ steel.

Use with Phillips Truss Head fastener.

Uses: They are used with virtually all types of insulation board used for roofing systems.

Galvalume is a trademark of BIEC International, Inc.



**Square, Hex, Round...Steel or Plastic...**

**We have what you need!**

3" x 3" Square Recessed Galvalume Metal

3" x 3" Square Flat Bottom Galvalume Metal

3" Across Flats Hex Galvalume Metal

3" Across Flats Hex Plastic

2" Round Galvalume Metal (Standard)

2" Round Galvalume Metal (Recessed)

2" Round Galvalume Metal with Plastic Locking Feature

2" Round Galvalume Metal with Plastic Locking Feature and Protective Outer Ring

3" Round Galvalume Metal (Standard)

3" Round Galvalume Metal (Recessed)

3" Round Plastic

3" Round Plastic with Locking Feature

