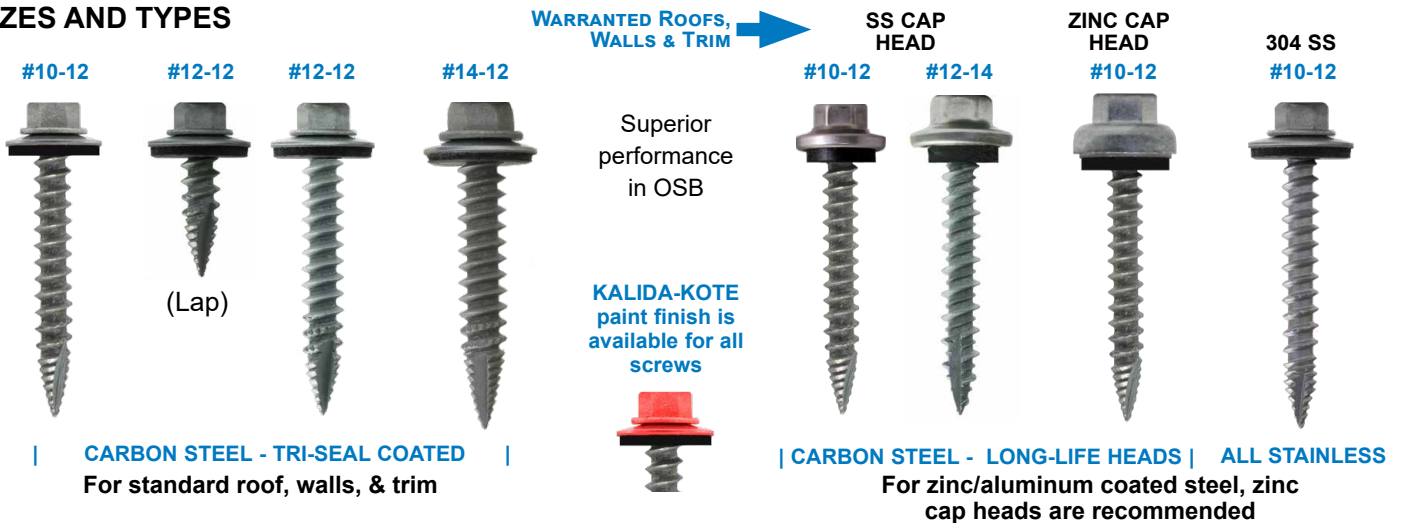


SIZES AND TYPES



GENERAL SPECIFICATIONS

Strengths (Carbon Steel = CS and Stainless Steel = SS)

Size	Thread Major Dia.	Tensile (lbs. min)	Shear (avg. lbs. ult.)	Torsional (min. in. lbs.)
#10-12 304 SS	.190	1,950	1270	60
#10-12 CS BB	.190	1,850	1,216	65
#10-14 CS HL	.190	1,850	1,216	65
#12-8 / #12-14 CS	.216	2,183	1,946	80
#12-12 CS BB	.216			
#14-10 CS	.235	3,150	2,150	125
#14-12 CS BB	.235			

Hex Sizes

#10, #12 = 1/4" HWH
#14 = 5/16" HWH

Washer Diameters

#10 = 12mm OD
#12 = 14mm OD
#14 = 15mm OD

*Patented Anti-burr Thread and Point Technology!**

PERFORMANCE SPECIFICATIONS

Pullout Values in Wood (Carbon Steel or Stainless Steel)
Ultimate Average Load in Pounds Force

Fastener Dia. & Point	Wood Type							
	PLYWOOD-CDX				OSB			SYP
	11/32" 3/8" NOM	15/32" 1/2" NOM	19/32" 5/8" NOM	23/32" 3/4" NOM	7/16"	19/32"	23/32"	
#9-15 GP		350	402	548	173	344	431	887
#10-14 High-Low		345	415	625	142	348	438	925*
#10-12 BURR BUSTER		349	450	706	258	381		
#12-12 BURR BUSTER ¹	249		467	608	218	383		579
#12-8 Type 17		296	445	552	139	445	538	748
#14-10 Type 17		434	475	626	153	327	475	1030*
#14-12 BURR BUSTER ¹	337		539	676	258	404		1169*

Report #T279-10 | Farabaugh Engineering and Testing | 9.30.2010
¹Report #T213-20 | Farabaugh Engineering and Testing | 05.01.2020

PULLOUT TEST SETUP - EMBEDMENT

2 x 4 = 1" embedment. * Denotes 1-1/2" penetration.
All other tests full thread embedment.

***Pat. No.: 11,105,362**

DISCLAIMER: 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)

MATERIAL SPECIFICATIONS

Material: Carbon Steel

Finish: TRI-SEAL Long-life
(ACQ Compatible for use in treated lumber).

Material: 304 Stainless Steel

Finish: Passivated & TRI-SEAL®
(Preferred for use in treated lumber).

Paint: Kalida-Kote Polyurethane with UV stabilizer.

Washer Types

Stainless Steel Screws
304SS vulcanized to non-conductive EPDM.

Carbon Steel Screws
G90 20ga Galvanized Steel vulcanized to non-conductive EPDM.

MEETS FLORIDA BUILDING CODE 1506.6 & R904.5.2
(TRI-SEAL® & SS ONLY).
Miami Dade Approved for < 1,000 hrs

Corrosion Test Results TRI-SEAL® COATING

Testing Method	*Results
SO ₂ Test Per ASTM G87	20 Cycles (2 liters)
Salt Spray Per ASTM B117	1,000 hours

*0% Red Rust
Exceeds ASTM B633 Salt Spray requirements.

Pullover Strength in Pounds

Grade 50 per ASTM A1011 60Ksi Min. Steel

Washer Size	26ga (.019")	24ga (.023")	22ga (.031")	20ga (.035")	18ga (.049")
1/2" O.D.	810	1080	1350	1620	2160
9/16" O.D.	912	1216	1520	1824	2432
15mm O.D.	955	1274	1593	1912	2548

Calculated per AISI S100