

Sizes

#9-15
Double Lead



#10-15
Dual Thread



#10-12
Double Lead



#12-8 Low Root
with Type 17 Point



#12-11
Lap



#14-10
Type 17 Point



Material Specifications

Material: Carbon Steel

Plating

#10-12 & #12-11 PANEL-TITE®: TRI-SEAL Long-life (ACQ Compatible)
#9-15, #10-15 & #14-10 : .0005" Min. Zinc

Material: 304 Stainless Steel

Finish: Passivated. (ACQ Compatible)

Material: 304 Stainless Steel Bi-Metal

Plating: TRI-SEAL (ACQ Compatible)

Material: 410 Stainless Steel

Plating: OxySeal (ACQ Compatible)

Paint

Kalida-Kote Polyurethane with UV stabilizer

DISCLAIMER: ALL TEST RESULTS AND FASTENER RECOMMENDATIONS ARE BASED ON LABORATORY CONDITIONS. BECAUSE ACTUAL JOB SITE CONDITIONS VARY AND ARE UNCONTROLLABLE BY TFC, WE ASSUME NO LIABILITY FOR THE USE OF THIS INFORMATION.

Performance Specifications

Strengths (Carbon Steel)

Size	Tensile (lbs. min)	Shear (avg. lbs. ult.)	Torsional (min. in. lbs.)
#9-15	1,800	1,200	50
#10-15	1,850	1,216	65
#10-12	2,100	1,400	65
#12-8	2,183	1,946	80
#12-11	2,778	2,000	92
#14-10	3,150	2,150	125

Pullover Strength in Pounds

Washer Size	26ga (.019")	24ga (.023")	22ga (.031")	20ga (.035")	18ga (.049")
1/2" O.D.	515	674	875	1100	1627
9/16" O.D.	587	744	915	993	1246
15mm O.D.	564	810	1097	1166	1643

Pullout Values in Wood (Carbon Steel or Stainless Steel)

Material	Pullout In Pounds					Embd Depth
	#9-15	#10-15	#10-12	#12-8	#14	
2x Pine	328					3/4"
	572	580	580	625	650	1"
1/2" CDX	225	230	230	384	384	full
5/8" CDX	328	340	340	446	489	full
3/4" CDX	476	480	480	587	667	full
7/16" OSB	183	250	234	251	245	full
19/32" OSB	276		326	456	365	full
23/32" OSB	261		352	524	406	full

Corrosion Test Results

	TRI-SEAL	#9 and #14
Kesternich	30 cycles	5 cycles
Salt Spray	1,000 hours	48 hours



We offer a complete line of metal-to-wood screws that provide superior corrosion protection in the most harsh environments.

Choose either the **PANEL-TITE®** with stainless steel cap head or all stainless steel for attaching aluminum panels to wood.



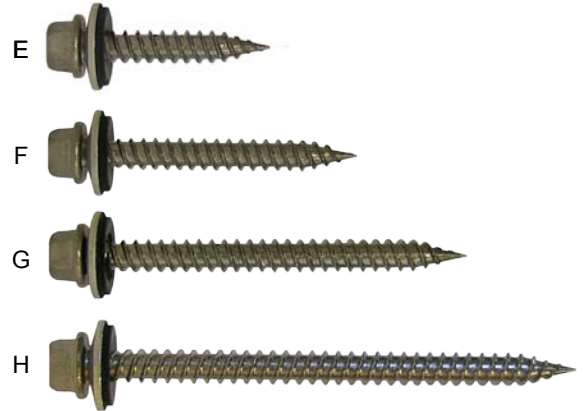
PANEL-TITE® SCH
Stainless Cap Head
w/ Flange Sealer

- Use on 20yr warranty roof systems.
- Carbon steel shank with TRI-SEAL™ coating
- Provides outstanding corrosion protection.



PANEL-TITE® SS
Stainless Steel
w/ Aluminum Bonded-Sealer Washer

- 305 stainless steel.
- Used in aluminum applications.
- Preferred screw for ACQ lumber.



SIZES

	Description	Drilling Thickness	Part No.	Carton Quantity
A	#10-12 x 1" GP	20ga. max	10100HWGSYSWSC	2,500 pcs.
B	#10-12 x 1-1/2" GP	20ga. max	10150HWGSYSWSC	2,000 pcs.
C	#10-12 x 2" GP	20ga. max	10200HWGSYSWSC	2,000 pcs.
D	#10-12 x 2-1/2" GP	20ga. max	10250HWGSYSWSC	1,000 pcs.

SIZES

	Description	Drilling Thickness	Part No.	Carton Quantity
E	#9-15 x 1" GP	.040 AL	DD9100PW3SS	3,000 pcs.
F	#9-15 x 1-1/2" GP	.040 AL	DD9150PW3SS	2,500 pcs.
G	#9-15 x 2" GP	.040 AL	DD9200PW3SS	2,000 pcs.
H	#9-15 x 2-1/2" GP	.040 AL	DD9250PW3SS	1,500 pcs.

TECHNICAL DATA

MATERIAL AND PHYSICAL PROPERTIES

Diameter & Point: #10-12 Gimlet Point
 Material: Carbon Steel Shank, 304 Stainless Steel Cap Head
 Plating: TRI-SEAL™ Coating
 Head Style: 1/4" HWH
 Thread: #10-12 Double Lead
 Salt Spray: 1,000 hrs.

Diameter & Point: #9-15 Gimlet Point
 Material: 305 Stainless Steel
 Plating: Passivated
 Head Style: 1/4" HWH
 Thread: #9-15 Double Lead

FASTENER STRENGTH

Size	Tensile (lbs.)	Shear (lbs.)	Torsional (Inch-lbs.)
#9-15	1,500	980	50
#10-12	2,100	1,400	65

PULLOUT

Material Type & Thickness	Embedment Depth	Pullout Load (Ult Avg.)	
		#9-15	#10-12
1/2" Plywood	Full	225 lbs.	230 lbs.
5/8" Plywood	Full	328 lbs.	340 lbs.
3/4" Plywood	Full	476 lbs.	480 lbs.
2X - SYP Treated	1"	572 lbs.	580 lbs.
2X - SYP Construction	1"	492 lbs.	502 lbs.

DISCLAIMER: ALL DATA AND SPECIFICATIONS ARE BASED ON LABORATORY TESTS. APPROPRIATE SAFETY FACTORS SHOULD BE USED BY THE USER OR SPECIFIER. DETERMINING THE PROPER FASTENER IS THE RESPONSIBILITY OF THE USER OR SPECIFIER. BECAUSE APPLICATION CONDITIONS VARY, WE ASSUME NO LIABILITY FOR THE USE OF THIS INFORMATION.

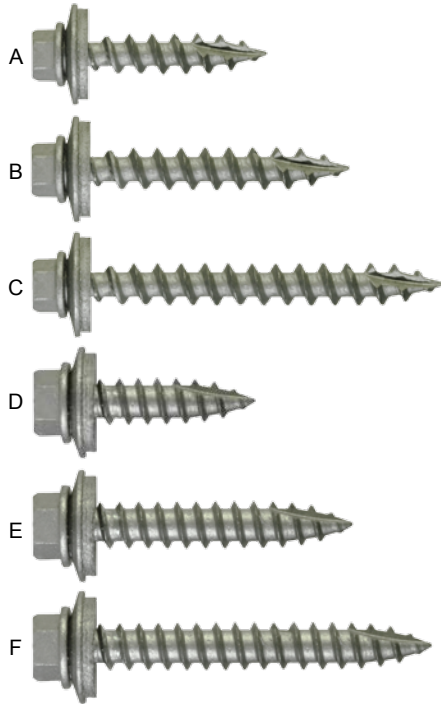


Choose these high performance screws when superior strength is required.

- Designed to provide ultimate pullout resistance.
- Available with TRI-SEAL™ 1,000 hrs salt spray coating which is formulated for ACQ lumber applications.
- Designed for fast installation and corrosion free performance.
- Assembled with EPDM bonded washer for exceptional weatherability.
- Type 17 mill point eliminates splitting of wood.



Fastener Sizes and Specifications



Sizes

	Size	Point Type	Drilling Thickness	Attachment Thickness	Part Number	Box Quantity
A	#12-8 x 1"	Type 17	20ga. max	<.250"	12100HW17CSTABW	3,000
B	#12-8 x 1-1/2"	Type 17	20ga. max	<.750"	12150HW17CSTABW	2,500
C	#12-8 x 2"	Type 17	20ga. max	.500" - 1.250"	12200HW17CSTABW	2,000
D	#14-10 x 1"	Type 17	20ga. max	<.250"	14100HWMCTABW	2,500
E	#14-10 x 1-1/2"	Type 17	20ga. max	<.750"	14150HWMCTABW	2,500
F	#14-10 x 2"	Type 17	20ga. max	.500" - 1.250"	14200HWMCTABW	2,000

Bagged 250 per bag



All fasteners can be painted with our Kalida-Kote paint finish to your exact color match.

Polyurethane with UV protection provides a chip resistant finish without chalking and fading.

Technical Data

Specifications

Diameter: #12-8 (.220" major dia.)
#14-10 (.250" major dia.)
Point Type: Type 17 Mill Gimlet Point
Material: Carbon Steel
Head Style:
#12-8: 1/4" HWH
#14-10: 5/16 HWH
Finish: TRI-SEAL™ / 1,000 hrs. Salt Spray

Paint

Kalida-Kote Polyurethane with UV Stabilizer

Fastener Strength

Size	Tensile (lbs)	Shear (lbs)	Torsional (in-lbs)
#12-8	2183	1946	80
#14-10	3,150	2,150	125

Minimum ultimate

Pullover Strength (Ultimate Average Pounds)

Washer Size	26ga (.019")	24ga (.023")	22ga (.031")	20ga (.035")	18ga (.049")
9/16: O.D.	587	744	915	993	1246
15mm O.D.	564	810	1097	1166	1643

Pullout Test Result - Wood (Ultimate Average Pounds)

Fastener Size	Material						
	2x Pine	1/2" Ply	5/8" Ply	3/4" Ply	7/16" OSB	19/32" OSB	23/32" OSB
#12-8	748	296	445	552	135	445	538
#14-10	957	384	489	667	245	452	545

Full penetration for plywood and OSB test. 1" embedment into 2x

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