



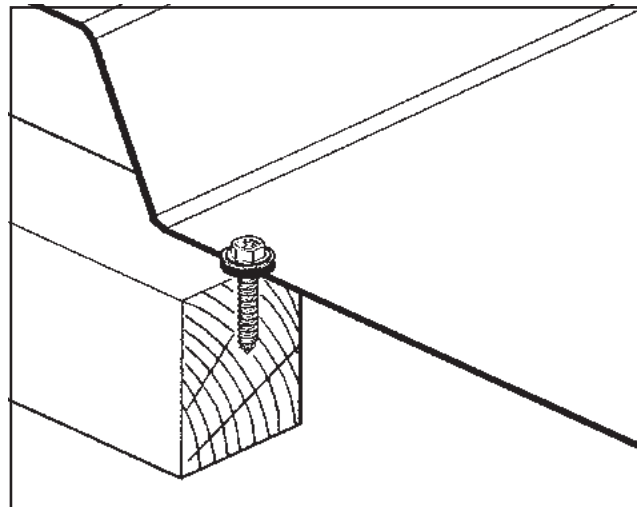
# METAL FASTENING

S y s t e m s , I n c

[www.metalfasteningssystem.com](http://www.metalfasteningssystem.com)

# Wood-Lock

*Metal to Wood Screws*



TYPICAL APPLICATION

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Stanley, NC. 28164  
(704) 822-3562

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Suite 101  
Raleigh, NC. 27603  
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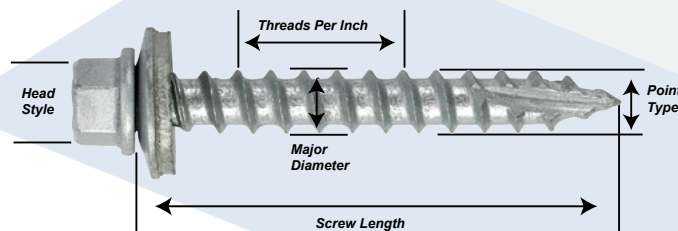
THE NEXT GENERATION OF HIGH PERFORMANCE FASTENERS AND ACCESSORIES

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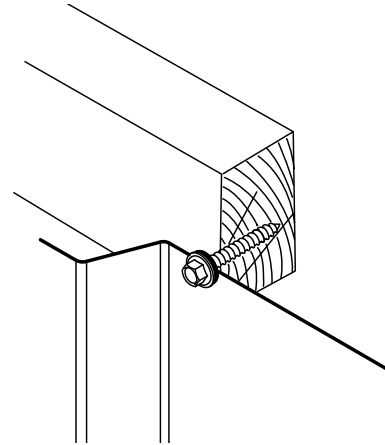
## Screw Terminology

Description: 14-10 X 1-1/2" HWH Type 17  
with Sealing Washer. 1000 hour salt spary coating



Major Diameter	Threads Per Inch	Screw Length	Point Type	Head Style
<b>#14-10 X 1-1/2" Type 17 HWH</b>				

## #9-15 Wood Screw Metal to Wood Fastener



### Features and Benefits

- High hex washer head provides driving stability
- Sharp point for fast installation
- Assembled control seal washer
- VistaCoat<sup>®</sup> premium coating system
- VistaCoat limited warranty

Application  
Metal panel to wood

### Product Selection

Material No.	Fastener Length	Thread Length*	Description	Carton Wt. (lbs.)	Carton Qty.
1300564	1"	Full	WG-#9x1-CS1/2	26	3,000
1300771	1-1/2"	Full	WG-#9x1-1/2-CS1/2	27	2,500
1301007	2"	Full	WG-#9x2-CS1/2	27	2,000
1301151	2-1/2"	Full	WG-#9x2-1/2-CS1/2	24	1,500
1302309	3"	Full	WG-#9x3-CS1/2	18	1,000

Plain product bagged 250 pieces, unless otherwise noted.

\*Note - Thread length measured from tip of the drill point to end of the threads.

### Product Specifications

Diameter: #9  
 Threads Per Inch: 15  
 Head Style: 1/4" dia. HWH AF  
 Washer: 1/2" Galvanized and EPDM control seal

Drill Point: Sharp point  
 Drill Capacity: 24 ga.  
 Thread Major Dia: 0.180"  
 Thread Minor Dia: 0.130"

### Performance Data <sup>1,2</sup>

#### Material Strength

Tensile	1751 lbf
Shear	1223 lbf
Torsional	60 lbf-in

#### Pull Out Strength Wood:

Pull Out Strength Wood:		Pull Over Strength	
SPF 1" penetration	886 lbf	29 Ga	577 lbf
3/4" Plywood	549 lbf	26 Ga	637 lbf
5/8" Plywood	405 lbf	24 Ga	800 lbf
1/2" Plywood	350 lbf		
23/32" OSB	433 lbf		
19/32" OSB	345 lbf		
7/16" OSB	175 lbf		

<sup>1</sup> Pull out strength values may vary from tested loads depending upon specific wood density variations.

<sup>2</sup> Pull over strength values are based on metal panel ksi values: 29 ga. (100 ksi), 26 ga. (70 ksi), 24 ga. (70 ksi).

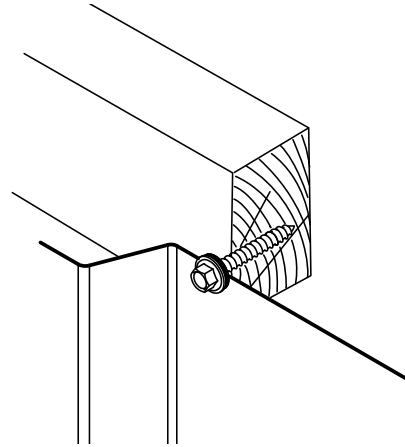
### Installation and Application Considerations

Tools: 0-2500 rpm screw gun equipped with depth sensing nose piece.

Use of impact guns or hammer drills is not recommended.

The details stated are results of tests and/or calculations and therefore are non-binding and do not represent warranties or warranted characteristics for not specified applications. All calculations therefore have to be checked and approved by the responsible planner ahead of execution. The user is responsible to assure compliance with all applicable laws and regulations.

## #9-15 Wood Screw 304SS Aluminum Panel to Wood Fastener



### Features and Benefits

- 304 stainless steel & 300 series stainless Bi-Metal for corrosion resistance
- High hex washer head provides driving stability
- Sharp point for fast installation
- Assembled bond seal washer

Application  
Aluminum panel to wood

### Product Selection

Material No.	Fastener Length	Thread Length*	Description	Carton Wt. (lbs.)	Carton Qty.
790256	1"	Full	WGAP-S3-#9x1-AB1/2	25	3,000
790284	1-1/2"	Full	WGAP-S3-#9x1-1/2-AB1/2	26	2,500
790339	2"	Full	WGAP-S3-#9x2-AB1/2	27	2,000
790360	2-1/2"	Full	WGAP-S3-#9x2-1/2-AB1/2	24	1,500
790371	3"	Full	WGAP-S3-#9x3-AB1/2	23	1,000

Plain product bagged 250 pieces, unless otherwise noted.

\*Note – Thread length measured from tip of the drill point to end of the threads.

### Product Specifications

Diameter: #9  
 Threads Per Inch: 15  
 Head Style: 1/4" dia. HWH AF  
 Washer: 1/2" aluminum and EPDM bond seal

Drill Point: Sharp point  
 Drill Capacity: 0.032 Aluminum max  
 Thread Major Dia: 0.178"  
 Thread Minor Dia: 0.130"

### Performance Data <sup>1</sup>

#### Material Strength

Tensile	1657 lbf
Shear	1550 lbf
Torsional	50 lbf-in

#### Pull Out Strength Wood:

Pull Out Strength Wood:		Pull Over Strength	
SPF 1" penetration	886 lbf	29 Ga	577 lbf
3/4" Plywood	549 lbf	26 Ga	637 lbf
5/8" Plywood	405 lbf	24 Ga	800 lbf
1/2" Plywood	350 lbf		
23/32" OSB	433 lbf		
19/32" OSB	345 lbf		
7/16" OSB	175 lbf		

### Installation and Application Considerations

Tools: 0–2500 rpm screw gun equipped with depth sensing nose piece.

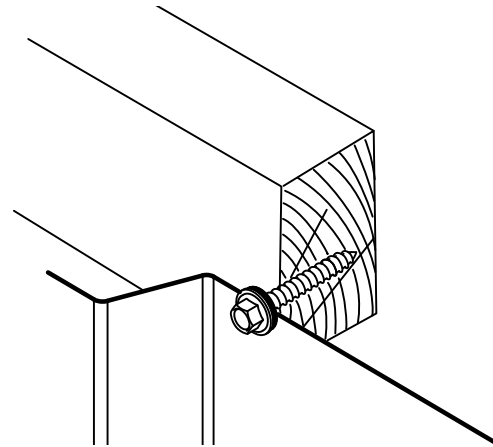
Use of impact guns or hammer drills is not recommended.

304 Stainless Woodgrips are not designed to self-drill Steel panels.

<sup>1</sup> Pull out strength values may vary from tested loads depending upon specific wood density variations.

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## #10-15 Hi-Lo Wood Screw Metal to Wood Fastener



### Features and Benefits

- High hex washer head provides driving stability
- Type 17 milled point for fast installation
- Assembled bond seal washer
- VistaCoat<sup>®</sup> premium coating system
- VistaCoat<sup>®</sup> limited warranty

Application  
Metal panel to wood

### Product Selection

Material No.	Fastener Length	Thread Length*	Description	Carton Wt. (lbs.)	Carton Qty.
1301370	1"	Full	WGHLMP-#10x1-GB1/2	26	3,000
1301510	1-1/2"	Full	WGHLMP-#10x1-1/2-GB1/2	28	2,500
1249506	2"	Full	WGHLMP-#10x2-GB1/2	26	2,000
1301884	2-1/2"	Full	WGHLMP-#10x2-1/2-GB1/2	23	1,500
1302003	3"	Full	WGHLMP-#10x3-GB1/2	18	1,000

Plain product bagged 250 pieces, unless otherwise noted.

\*Note – Thread length measured from tip of the drill point to end of the threads.

### Product Specifications

Diameter:	#10	Drill Point:	Type 17 milled point
Threads Per Inch:	15	Drill Capacity:	24 ga.
Head Style:	1/4" dia. HWH AF	Thread Major Dia:	0.195"
Washer:	15/32" galvanized and EPDM bond seal	Thread Minor Dia:	0.130"

### Performance Data <sup>1,2,3</sup>

Material Strength		Pull Out Strength Wood:		Pull Over Strength	
		SPF	1-1/2" penetration		
Tensile	1751 lbf	3/4" Plywood	629 lbf	29 Ga	577 lbf
Shear	1223 lbf	5/8" Plywood	416 lbf	26 Ga	637 lbf
Torsional	60 lbf-in	1/2" Plywood	344 lbf	24 Ga	800 lbf
		23/32" OSB	435 lbf		
		19/32" OSB	350 lbf		
		7/16" OSB	141 lbf		

<sup>1</sup> Pull out strength values may vary from tested loads depending upon specific wood density variations.

<sup>2</sup> Pull over strength values are based on metal panel ksi values: 29 ga. (100 ksi), 26 ga. (70 ksi), 24 ga. (70 ksi).

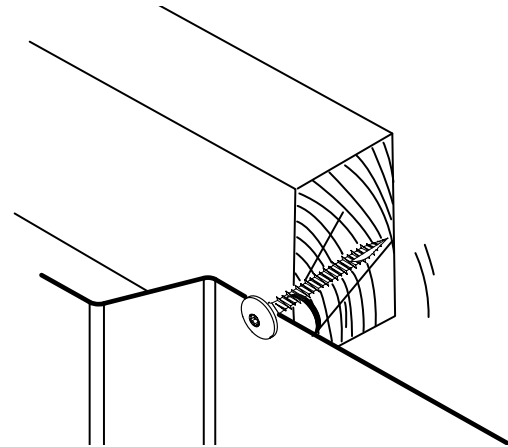
### Installation and Application Considerations

Tools: 0–2500 rpm screw gun equipped with depth sensing nose piece.

Use of impact guns or hammer drills is not recommended.

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## #10-15 Wood Screw Low Profile HiLo Exterior Sidewall Fastener



### Features and Benefits

- Low profile head for improved aesthetics
- Type 17 milled point for fast installation
- Drive stability with T25 drive
- Assembled bond seal washer
- Also available in 300 series stainless Bi-Metal

### Application

Metal panel to wood exterior sidewall applications

### Product Selection

Material No.	Fastener Length	Thread Length*	Description	Carton Wt. (lbs.)	Carton Qty.
1358147	1"	Full	WGLPMP-#10x1-PN-T25-GB1/2	26	3,000
1293114	1-1/2"	Full	WGLPMP-#10x1-1/2-PN-T25-GB1/2	28	2,500
1466769	2"	Full	WGLPMP-#10x2-PN-T25-GB1/2	32	2,500

Plain product bagged 250 pieces, unless otherwise noted.

\*Note – Thread length measured from tip of the drill point to end of the threads.

### Product Specifications

Diameter:	#10	Drill Point:	Type 17 milled point
Threads Per Inch:	15	Drill Capacity:	24 ga.
Head Style:	1/2" dia. Pan Head	Thread Major Dia:	0.195"
Drive:	T25	Thread Minor Dia:	0.130"
Washer:	1/2" galvanized and EPDM bond seal		

### Performance Data <sup>1,2</sup>

Material Strength		Pull Out Strength Wood:		Pull Over Strength	
		SPF 1-1/2" penetration	926 lbf	29 Ga	577 lbf
Tensile	1751 lbf	3/4" Plywood	629 lbf	26 Ga	637 lbf
Shear	1223 lbf	5/8" Plywood	416 lbf	24 Ga	800 lbf
Torsional	60 lbf.in	1/2" Plywood	344 lbf		
		23/32" OSB	435 lbf		
		19/32" OSB	350 lbf		
		7/16" OSB	141 lbf		

<sup>1</sup> Pull out strength values may vary from tabulated loads depending upon specific wood density variations.

<sup>2</sup> Pull over strength values are based on metal panel ksi values: 29 ga. (100 ksi), 26 ga. (70 ksi), 24 ga. (70 ksi).

### Installation and Application Considerations

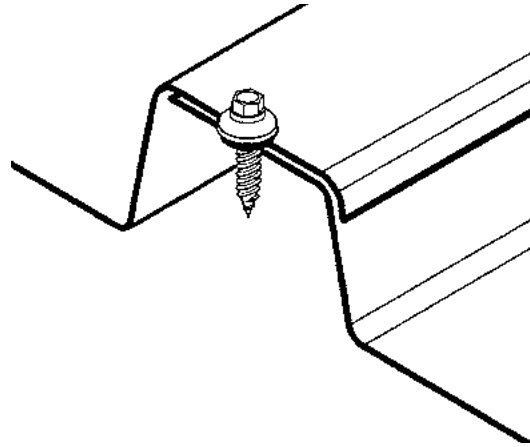
Tools: 0–2500 rpm screw gun equipped with depth sensing nose piece.

Use of T25 drive bit is required. Utilizing the special SFS T25 drive bit (#514261) is recommended for superior stability during the installation process.

Use of impact guns or hammer drills is not recommended.

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## #12 X 3/4" Wood Screw / Lap Bond Seal Panel to Panel or Wood



### Features and Benefits

- High hex washer head provides driving stability
- Sharp point for fast installation
- Assembled bond seal washer
- VistaCoat<sup>®</sup> premium coating system
- VistaCoat<sup>®</sup> limited warranty

### Application

Panel to wood or panel side lap, end lap, and other stitch applications

### Product Selection

Material No.	Fastener Length	Thread Length*	Description	Carton Wt. (lbs.)	Carton Qty.
1302423	3/4"	Full	#12 X 3/4" Wood-Lock W/W	30	3,000

Plain product bagged 250 pieces, unless otherwise noted.

\*Note – Thread length measured from tip of the drill point to end of the threads.

### Product Specifications

Diameter:	#12	Drill Point:	Sharp point
Threads Per Inch:	14	Drill Capacity:	2x24 ga.
Head Style:	1/4" dia. HWH AF	Thread Major Dia:	0.212"
Washer:	1/2" Galvanized and EPDM bond seal	Thread Minor Dia:	0.161"

### Performance Data <sup>1</sup>

Material Strength		Pull Over Strength Steel	
Tensile	2100 lbf	29 Ga	577 lbf
Shear	1800 lbf	26 Ga	637 lbf
Torsional	88 lbf-in	24 Ga	800 lbf

<sup>1</sup> Pull over strength values are based on metal panel ksi values: 29 ga. (100 ksi), 26 ga. (70 ksi), 24 ga. (70 ksi).

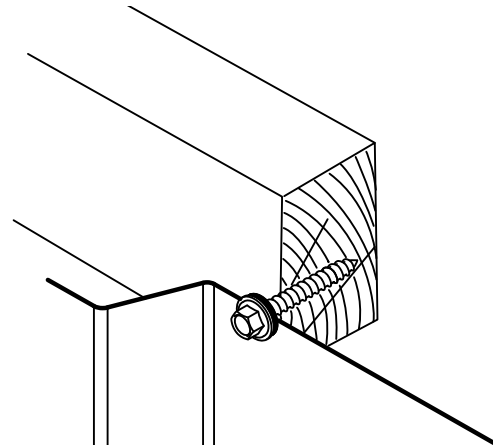
### Installation and Application Considerations

Tools: 0–2500 rpm screw gun equipped with depth sensing nose piece.

Use of impact guns or hammer drills is not recommended.

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## #12-8 Wood Screw XG Bond Seal Metal to Wood Fastener



### Features and Benefits

- High hex washer head for driving stability
- Sharp point for fast installation
- Extra aggressive thread design; superior resistance to strip-out
- Improved pull out values over other wood screws
- Assembled premium bond seal washer
- VistaCoat<sup>®</sup> premium coating system
- VistaCoat<sup>®</sup> limited warranty

Application  
Metal panel to wood

### Product Selection

Material No.	Fastener Length	Thread Length*	Description	Carton Wt. (lbs.)	Carton Qty.
1599104	1"	Full	WGXC-#12x1-GB1/2	22	2,500
1599197	1-1/2"	Full	WGXC-#12x1-1/2-GB1/2	22	2,000
1599334	2"	Full	WGXC-#12x2-GB1/2	21	1,500
1599401	2-1/2"	Full	WGXC-#12x2-1/2-GB1/2	16	1,000

Plain product bagged 250 pieces, unless otherwise noted.

\*Note - Thread length measured from tip of the drill point to end of the threads.

### Product Specifications

Diameter:	#12	Drill Point:	Sharp point
Threads Per Inch:	8	Drill Capacity:	24 ga.
Head Style:	1/4" dia. HWH AF	Thread Major Dia:	0.212"
Washer:	1/2" galvanized and EPDM bond seal	Thread Minor Dia:	0.130"

### Performance Data <sup>1,2</sup>

Material Strength		Pull Out Strength		Pull Over Strength	
Tensile	1751 lbf	SPF 1" penetration	583 lbf	29 Ga	577 lbf
Shear	1223 lbf	SPF 1-1/2" penetration	1029 lbf	26 Ga	637 lbf
Torsional	60 lbf-in	1x4" Pine	590 lbf	24 Ga	800 lbf
		3/4" Plywood	583 lbf		
		5/8" Plywood	368 lbf		
		1/2" Plywood	357 lbf		
		23/32" OSB	412 lbf		
		19/32" OSB	336 lbf		
		15/32" OSB	225 lbf		

Strip out values average over 30% higher than standard Wood Screws.

<sup>1</sup> Pull out strength values may vary from tabulated loads depending upon specific wood density variations.

<sup>2</sup> Pull over strength values are based on metal panel ksi values: 29 ga. (100 ksi), 26 ga. (70 ksi), 24 ga. (70 ksi).

### Installation and Application Considerations

Tools: 0-2500 rpm screw gun equipped with depth sensing

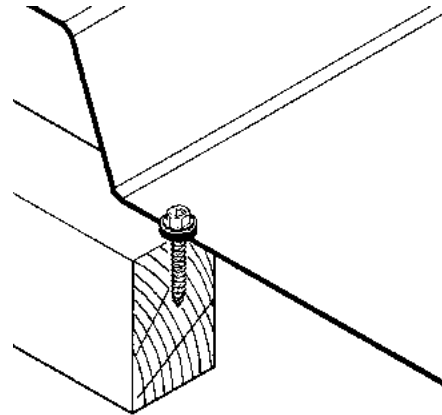
nose piece.

Use of impact guns or hammer drills is not recommended.

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## #14 Type 17 A-Milled Point Metal to Wood Fastener



### Features and Benefits

- Sharp Type 17 A-milled point for fast installation
- Assembled bond seal washer
- VistaCoat<sup>®</sup> premium coating system
- VistaCoat<sup>®</sup> limited warranty

Application  
Metal panel to wood

### Product Selection

Material No.	Fastener Length	Thread Length*	Description	Carton Wt. (lbs.)	Carton Qty.
1302956	1"	Full	TAMP-#14x1-HW5/16-GB19/32	37	2,500
783685	1-1/2"	Full	TAMP-#14x1-1/2-HW5/16-GB19/32	43	2,000
1303136	2"	Full	TAMP-#14x2-HW5/16-GB19/32	38	1,500
1295481	2-1/2"	Full	TAMP-#14x2-1/2-HW5/16-GB19/32	30	1,000
1295533	3"	Full	TAMP-#14x3-HW5/16-GB19/32	53	1,500

Plain product bagged 250 pieces, unless otherwise noted.

\*Note - Thread length measured from tip of the drill point to end of the threads.

### Product Specifications

Diameter:	#14	Drill Point:	Type 17 A-milled point
Threads Per Inch:	10	Self-drilling metal thickness:	sheet 0.030"
Head Style:	5/16" dia. HWH AF	Thread Major Dia:	0.251"
Washer:	19/32" galvanized and EPDM bond seal	Thread Minor Dia:	0.182"

### Performance Data <sup>1,2</sup>

Material Strength		Pull Out Strength Wood:		Pull Over Strength	
		SPF	1" penetration		
Tensile	3500 lbf		1031 lbf	26 Ga	616 lbf
Shear	2400 lbf	3/4" Plywood	625 lbf	24 Ga	884 lbf
Torsional	125 lbf-in	5/8" Plywood	477 lbf	22 Ga	1079 lbf
		1/2" Plywood	435 lbf		
		23/32" OSB	476 lbf		
		19/32" OSB	325 lbf		
		7/16" OSB	154 lbf		

<sup>1</sup> Pull out strength values may vary from tested loads depending upon specific wood density variations.

<sup>2</sup> Pull over strength values are based on metal panel ksi values: 26 ga. (70 ksi), 24 ga. (70 ksi), 22 ga. (70 ksi).

### Installation and Application Considerations

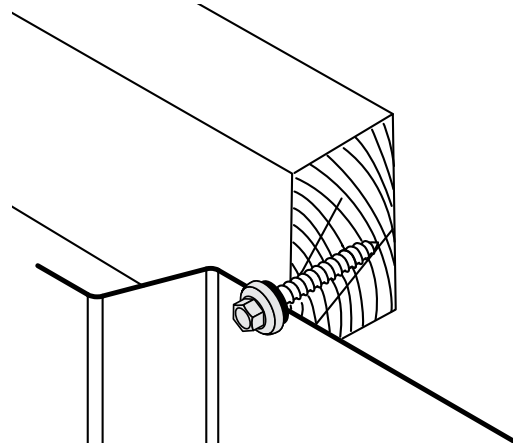
Tools: 0–2500 rpm screw gun equipped with depth sensing nose piece.

Use of impact guns or hammer drills is not recommended.

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## #10-15 Zinc Alloy Cap HiLo Metal to Wood Fastener



### Features and Benefits

- Zinc alloy cap head that will never red rust
- Limited long life fastener warranty
- High hex washer head provides driving stability
- Type 17 milled point for quick installation
- Assembled with aluminum bond seal washer for a consistent weather tight seal

Application  
Metal panel to wood

### Product Selection

Material No.	Fastener Length	Thread Length*	Description	Carton Wt. (lbs.)	Carton Qty.
781449	1"	Full	#10 X 1" ZAC Wood-Lock W/W	35	2,500
1201187	1-1/2"	Full	#10 X 1-1/2" ZAC Wood-Lock W/W	38	2,000
781883	2"	Full	#10 X 2" ZAC Wood-Lock W/W	32	1,500
782020	2-1/2"	Full	#10 X 2-1/2" ZAC Wood-Lock W/W	24	1,000
782137	3"	Full	#10 X 3" ZAC Wood-Lock W/W	27	1,000

Plain product bagged 250 pieces, unless otherwise noted.

\*Note – Thread length measured from tip of the drill point to end of the threads.

### Product Specifications

Diameter:	#10	Drill Point:	Type 17 milled point
Threads Per Inch:	15	Drill Capacity:	24 ga.
Head Style:	5/16" dia. Zinc Alloy Capped HWH AF	Thread Major Dia:	0.195"
Washer:	1/2" aluminum bond seal	Thread Minor Dia:	0.130"

### Performance Data <sup>1,2</sup>

Material Strength		Pull Out Strength Wood:		Pull Over Strength		
Tensile	1751 lbf	SPF 1-1/2" penetration	926 lbf	29 Ga	577 lbf	
	Shear	1223 lbf	3/4" Plywood	629 lbf	26 Ga	637 lbf
			5/8" Plywood	416 lbf	24 Ga	800 lbf
	Torsional	60 lbf-in	1/2" Plywood	344 lbf		
			23/32" OSB	435 lbf		
			19/32" OSB	350 lbf		
			7/16" OSB	141 lbf		

<sup>1</sup> Pull out strength may vary from tested loads depending upon specific wood density variations.

<sup>2</sup> Pull over strength values are based on metal panel ksi values: 29 ga. (100 ksi), 26 ga. (70 ksi), 24 ga. (70 ksi)

### Installation and Application Considerations

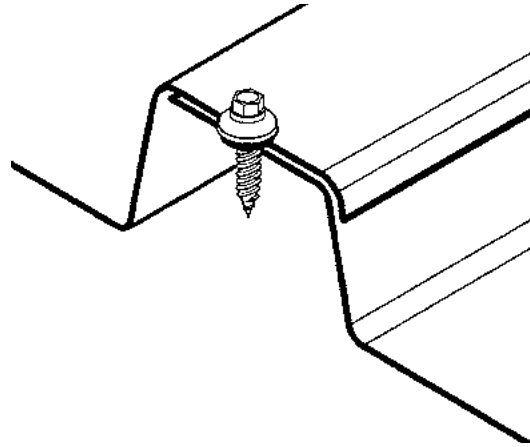
Tools: 0–2500 rpm screw gun equipped with depth sensing

nose piece.

Use of impact guns or hammer drills is not recommended.

The details stated are results of tests and/or calculations and therefore are non-binding and do not represent guaranties or warranted characteristics for not specified applications. All calculations therefore have to be checked and approved by the responsible planner ahead of execution. The user is responsible to assure compliance with all applicable laws and regulations.

## #12 X 3/4" Zinc Alloy Cap / Lap Panel to Panel or Wood



### Features and Benefits

- Zinc alloy cap head that will never red rust
- Assembled EPDM sealing washer for a consistent weather tight seal
- Long life fastener limited warranty

### Application

Metal panel to medium metal applications or metal panel to wood applications

### Product Selection

Material No.	Fastener Length	Thread Length*	Description	Carton Wt. (lbs.)	Carton Qty.
782916	3/4"	Full	ZSDL-#12x3/4-CHW5/16-N	27	2,500

Plain product bagged 250 pieces, unless otherwise noted.

\*Note – Thread length measured from tip of the drill point to end of the threads.

### Product Specifications

Diameter:	#12	Drill Point:	Sharp point
Threads Per Inch:	14	Drill Capacity:	2x24 ga.
Head Style:	5/16" dia. HWH AF Zinc Alloy Cap	Thread Major Dia:	0.212"
Washer:	EPDM sealing washer	Thread Minor Dia:	0.161"

### Performance Data <sup>1</sup>

Material Strength		Pull Over Strength Steel	
Tensile	2100 lbf	29 Ga	577 lbf
Shear	1800 lbf	26 Ga	637 lbf
Torsional	92 lbf-in	24 Ga	800 lbf

<sup>1</sup> Pull over strength values are based on metal panel ksi values: 29 ga. (100 ksi), 26 ga. (70 ksi), 24 ga. (70 ksi).

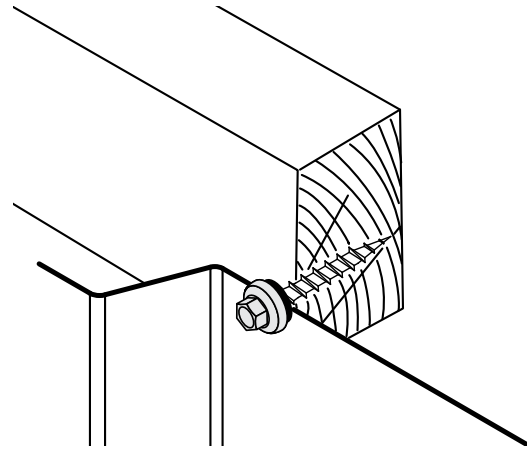
### Installation and Application Considerations

Tools: 0–2500 rpm screw gun equipped with depth sensing nose piece.

Use of impact guns or hammer drills is not recommended.

The details stated are results of tests and/or calculations and therefore are non-binding and do not represent guaranties or warranted characteristics for not specified applications. All calculations therefore have to be checked and approved by the responsible planner ahead of execution. The user is responsible to assure compliance with all applicable laws and regulations.

## #12-8 Zinc Alloy Cap XG Metal to Wood Fastener



### Features and Benefits

- Zinc alloy cap head that will never red rust
- Sharp point for fast installation
- Extra aggressive thread design; superior resistance to strip out
- Improved pull out and backout values over other wood
- Assembled EPDM sealing washer for a consistent weather tight seal
- Long life fastener limited warranty

Application  
Metal panel to wood

### Product Selection

Material No.	Fastener Length	Thread Length*	Description	Carton Wt. (lbs.)	Carton Qty.
1294632	1"	Full	ZWXG-#12x1-CHW5/16-N	40	2,500
1294763	1-1/2"	Full	ZWXG-#12x1-1/2-CHW5/16-N	37	2,000
1294883	2"	Full	ZWXG-#12x2-CHW5/16-N	33	1,500
1294963	2-1/2"	Full	ZWXG-#12x2-1/2-CHW5/16-N	24	1,000
1294995	3"	Full	ZWXG-#12x3-CHW5/16-N	27	1,000

Plain product bagged 250 pieces, unless otherwise noted.

\*Note - Thread length measured from tip of the drill point to end of the threads.

### Product Specifications

Diameter:	#12	Drill Point:	Sharp point
Threads Per Inch:	8	Drill Capacity:	24 ga.
Head Style:	5/16" dia. Zinc alloy capped HWH AF	Thread Major Dia:	0.212"
Washer:	EPDM sealing washer	Thread Minor Dia:	0.130"

### Performance Data <sup>1,2</sup>

Material Strength		Pull Out Strength		Pull Over Strength	
		SPF 1" penetration	583 lbf	29 Ga	577 lbf
Tensile	1751 lbf / 7789 N	SPF 1-1/2" penetration	1029 lbf	26 Ga	637 lbf
Shear	1223 lbf / 5440 N	1x4" Pine	590 lbf	24 Ga	800 lbf
Torsional	60 lbf-in / 6.78 N-m	3/4" Plywood	583 lbf		
		5/8" Plywood	368 lbf		
		1/2" Plywood	357 lbf		
		23/32" OSB	412 lbf		
		19/32" OSB	336 lbf		
		15/32" OSB	225 lbf		

<sup>1</sup> Pull out strength values may vary from tested loads depending upon specific wood density variations.

<sup>2</sup> Pull over strength values are based on metal panel ksi values: 29 ga. (100 ksi), 26 ga. (70 ksi), 24 ga. (70 ksi).

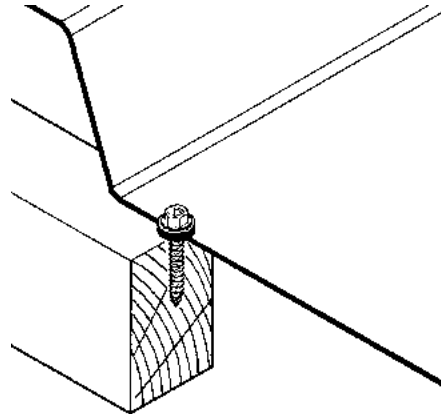
### Installation and Application Considerations

Tools: 0-2500 rpm screw gun equipped with depth sensing nose piece.

Use of impact guns or hammer drills is not recommended.

The details stated are results of tests and/or calculations and therefore are non-binding and do not represent guaranties or warranted characteristics for not specified applications. All calculations therefore have to be checked and approved by the responsible planner ahead of execution. The user is responsible to assure compliance with all applicable laws and regulations.

## #1/4-14 Zinc Alloy Cap Type AB MP Metal to Wood or Metal Fastener



### Features and Benefits

- Zinc alloy cap head that will never red rust
- Assembled EPDM sealing washer for a consistent weather tight seal
- Long life fastener limited warranty

### Application

Metal panel to medium metal applications or metal panel to wood applications

### Product Selection

Material No.	Fastener Length	Thread* Length	Description	Carton Wt. (lbs.)	Carton Qty.
784403	1"	Full	ZTABMP-#14x1-CHW3/8-N	44	2,000
784552	1-1/2"	Full	ZTABMP-#14x1-1/2-CHW3/8-N	42	1,500
784691	2"	Full	ZTABMP-#14x2-CHW3/8-N	33	1,000
784654	2-1/2"	Full	ZTABMP-#14x2-1/2-CHW3/8-N	38	1,000

Plain product bagged 250 pieces, unless otherwise noted.

\*Note – Thread length measured from tip of point to top of the threads.

### Product Specifications

Diameter:	1/4"	Drill Point:	Type AB Milled Point
Threads Per Inch:	14	Drill Capacity:	0.044"–0.110"
Head Style:	3/8" dia. HH AF Zinc Alloy Cap	Thread Major Dia:	0.243"
Washer:	EPDM sealing washer	Thread Minor Dia:	0.188"

### Performance Data

Material Strength		Pull Out Strength Wood:		Pull Over Strength	
Tensile	3800 lbf	SPF 1" penetration	1031 lbf	26 Ga	616 lbf
Shear	2560 lbf	3/4" Plywood	625 lbf	24 Ga	884 lbf
Torsional	142 lbf-in	5/8" Plywood	477 lbf	22 Ga	1079 lbf
		1/2" Plywood	435 lbf		
		23/32" OSB	476 lbf		
		19/32" OSB	325 lbf		
		7/16" OSB	154 lbf		

<sup>1</sup> Pull out strength values may vary from tested loads depending upon specific wood density variations.

<sup>2</sup> Pull over strength values are based on metal panel ksi values: 26 ga. (70 ksi), 24 ga. (70 ksi), 22 ga. (70ksi).

### Installation and Application Considerations

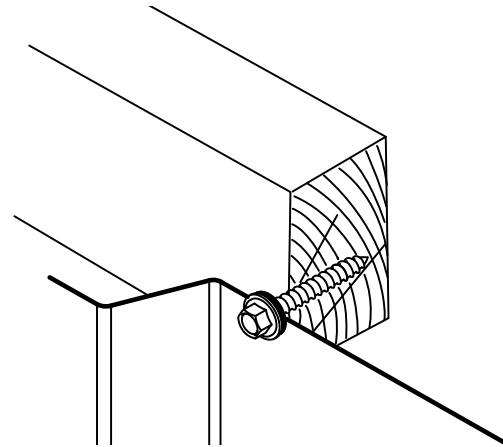
Tools: 0-2500 rpm screw gun equipped with depth sensing nose piece.

Use of impact guns or hammer drills is not recommended.

The details stated are results of tests and/or calculations and therefore are non-binding and do not represent guaranties or warranted characteristics for not specified applications. All calculations therefore have to be checked and approved by the responsible planner ahead of execution. The user is responsible to assure compliance with all applicable laws and regulations.

# Wood-Lock

## #10-15 Stainless Steel Capped Head Metal to Wood Fastener



### Features and Benefits

- 304 stainless steel capped hex washer head that will never red rust
- High hex washer head provides driving stability
- Type 17 milled point for fast installation
- Assembled EPDM sealing washer
- Long life fastener limited warranty

Application  
Metal panel to wood

### Product Selection

Material No.	Fastener Length	Thread Length*	Description	Carton Wt. (lbs.)	Carton Qty.
786866	1"	Full	#10 X 1" Wood-Lock S.S. CAP W/W	23	2,500
1201206	1-1/2"	Full	#10 X 1-1/2" Wood-Lock S.S. CAP W/W	22	2,000
788650	2"	Full	#10 X 2" Wood-Lock S.S. CAP W/W	21	1,500
789212	2-1/2"	Full	#10 X 2-1/2" Wood-Lock S.S. CAP W/W	16	1,000

Plain product bagged 250 pieces, unless otherwise noted.

\*Note – Thread length measured from tip of the drill point to end of the threads.

### Product Specifications

Diameter:	#10	Drill Point:	Type 17 milled point
Threads Per Inch:	15	Drill Capacity:	24 ga.
Head Style:	1/4" dia. Cupped Stainless Steel Capped	Thread Major Dia:	0.195"
Washer:	EPDM	Thread Minor Dia:	0.130"

### Performance Data <sup>1,2</sup>

Material Strength		Pull Out Strength Wood:		Pull Over Strength	
Tensile	1751 lbf	SPF 1-1/2" penetration	926 lbf	29 Ga	380 lbf
Shear	1223 lbf	3/4" Plywood	629 lbf	26 Ga	500 lbf
Torsional	60 lbf·in	5/8" Plywood	416 lbf	24 Ga	710 lbf
		1/2" Plywood	344 lbf		
		23/32" OSB	435 lbf		
		19/32" OSB	350 lbf		
		7/16" OSB	141 lbf		

<sup>1</sup> Pull out strength values may vary from tested loads depending upon specific wood density variations.

<sup>2</sup> Pull over strength values are based on metal panel ksi values: 29 ga. (100 ksi), 26 ga. (70 ksi), 24 ga. (70 ksi).

### Installation and Application Considerations

Tools: 0–2500 rpm screw gun equipped with depth sensing nose piece.

Use of impact guns or hammer drills is not recommended.

The details stated are results of tests and/or calculations and therefore are non-binding and do not represent guaranties or warranted characteristics for not specified applications. All calculations therefore have to be checked and approved by the responsible planner ahead of execution. The user is responsible to assure compliance with all applicable laws and regulations.

## Coating Comparison

Coating	Salt Spray	Application
Clear Zinc	24 hrs.	Used indoors for dry, non-corrosive applications
*Ruspert	1,000 hrs.	Used indoors and outdoors for high corrosive applications
E-Coat	500 hrs.	Used outdoors for medium corrosive applications
*410 Stainless Steel	500 hrs.	Used outdoors for medium corrosive applications
*304 Stainless Steel	2,000+ hrs.	Used outdoors for high corrosive applications
*316 Stainless Steel	2,000+ hrs.	Used outdoors for severely corrosive applications

\*ACQ Compatible

## Coating Description

**Clear Zinc:** A coating that is applied electrically to fasteners that prevents oxidation of steel by forming a protective barrier.

**Ruspert:** A high-grade metal surface processing technology that prevents corrosion. The coating system consists of three layers: a metallic zinc layer, a high-grade anti-corrosion chemical conversion film, and a baked ceramic surface coating.

**E-Coat:** A electrical current to deposit the coating material and oven cured.

**410 Stainless Steel:** A low-carbon grade of hardenable stainless steel. Good corrosion in mild atmospheres.

**304 Stainless Steel:** A nickel-chromium austenitic grade of stainless steel that has a high resistance to corrosion.

**316 Stainless Steel:** A nickel-chromium austenitic grade of stainless steel that provides a level of corrosion protection suitable for severe environments.

\*(Tested in accordance with the American Society of Testing Materials - ASTM B 117)

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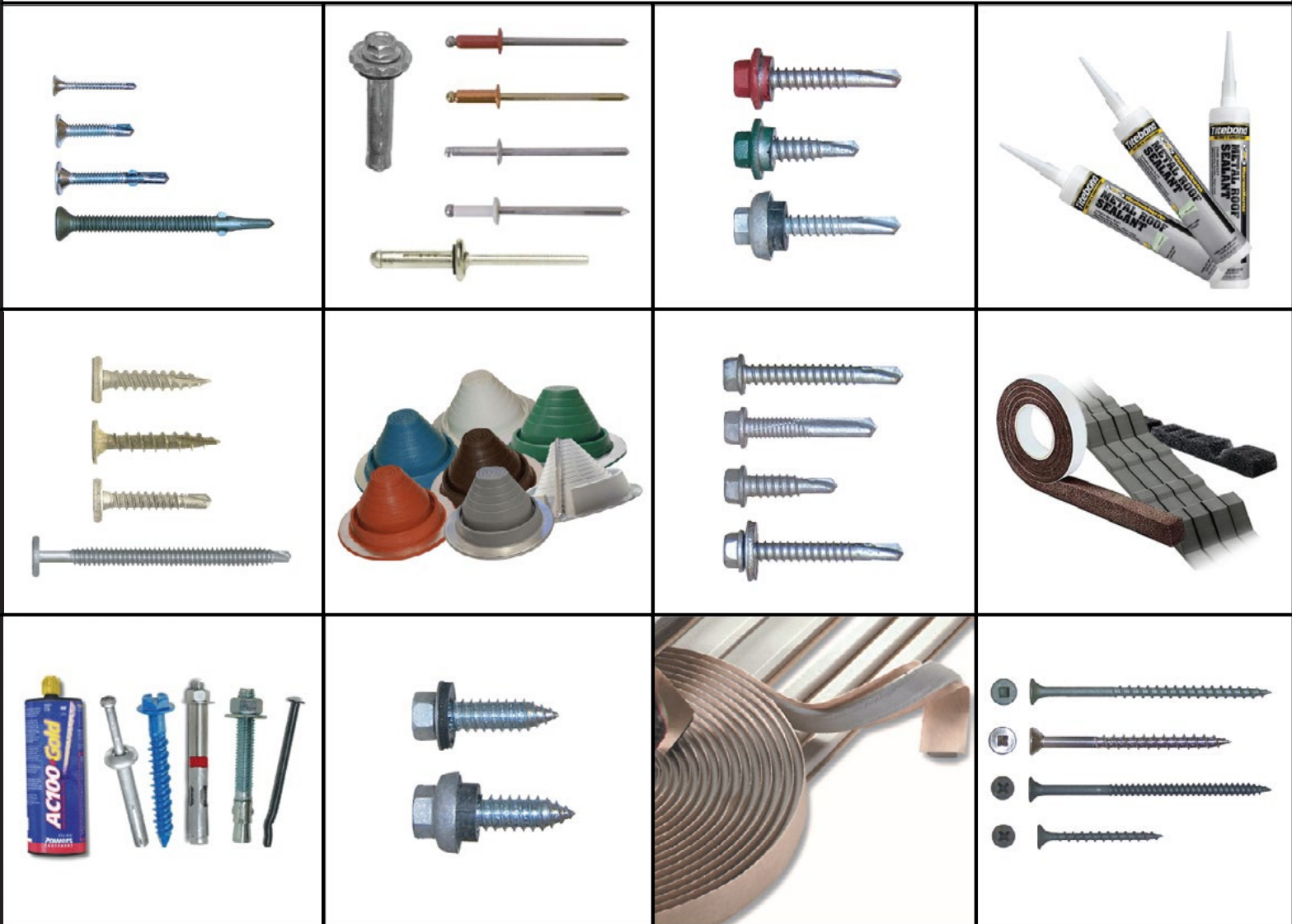


# METAL FASTENING

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