Collated Metal Screws



SIMPSON Strong-Tie

Strong-Drive® TB **WOOD-TO-STEEL** Screw



Common Applications:

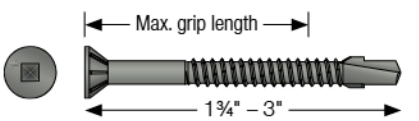
- Wood to steel (maximum recommended metal thicknesses: ¼")

Features:

- Flat head with nibs for easy countersinking
- #3 square drive (driver bit in each box; replacement bit: BIT3S; use BIT3SU for Mechanically Galvanized — N2000; see p. 167 for more information)
- #4 drill point with wings for general duty applications
- Straight collation
- This screw is also available in bulk for hand-drive installation; see p. 116 for details
- For information regarding driver motor rpm recommendations, please see pp. 162–164 of this catalog
- For drill point and metal thickness information, please refer to pp. 26–27 of this catalog

For Technical Data and Loads: see C-F-2025TECHSUP Fastening Systems Technical Guide, p. 228

Warning: Industry studies show that hardened fasteners can experience performance problems in wet or corrosive environments. Accordingly, use this product in dry, interior and noncorrosive environments only.



Mechanically Galvanized — N2000

Size	Length in. (mm)	Max. Grip Length (in.)*	Threads per Inch	Carton Quantity	Model No.	PROHSD60/ PROHSD60M	PROHSD75/ PROHSD75M
#12	1¾ (45)	1.055	14	1,000	TBG1245S	✓	
#12	2⅜ (60)	1.645	14	1,000	TBG1260S	✓	
#14	1¾ (45)	1.055	14	1,000	TBG1445S	✓	
#14	2⅜ (60)	1.645	14	750	TBG1460S	✓	
#14	3 (75)	2.236	14	750	TBG1475S		✓

1. Grip length includes side member, steel thickness, air gaps (if any) and allowance for three threads protruding through the steel.



Black Phosphate Coating

Size	Length in. (mm)	Max. Grip Length (in.)*	Threads per Inch	Carton Quantity	Model No.	PROHSD60/ PROHSD60M	PROHSD75/ PROHSD75M
#12	1¾ (45)	1.055	14	1,000	TBP1245S	✓	
#12	2⅜ (60)	1.645	14	1,000	TBP1260S	✓	
#14	2⅜ (60)	1.645	14	750	TBP1460S	✓	
#14	3 (75)	2.236	14	750	TBP1475S		✓

1. Grip length includes side member, steel thickness, air gaps (if any) and allowance for three threads protruding through the steel.

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To determine which fastener best suits your specific project, refer to our fastener software tools on p. 28.

Collated Metal Screws



SIMPSON Strong-Tie

Strong-Drive®
TF WOOD-TO-STEEL Screw



Common Applications:

- Wood to steel (maximum recommended metal thicknesses: 15/32")

Features:

- Flat head with nibs for easy countersinking
- 6-lobe recess for secure driving (driver bit in each box; replacement bit: BITTX30; see p. 167 for more information)
- #5 drill point for heavy-duty steel applications
- Self-tapping threads to securely fasten into steel member
- Straight collation
- This screw is also available in bulk for hand-drive installation; see p. 117 for details
- For drill point and metal thickness information, please refer to pp. 26–27 of this catalog

For Technical Data and Loads: see C-F-2025TECHSUP Fastening Systems Technical Guide, p. 229

Warning: Industry studies show that hardened fasteners can experience performance problems in wet or corrosive environments. Accordingly, use this product in dry, interior and noncorrosive environments only.

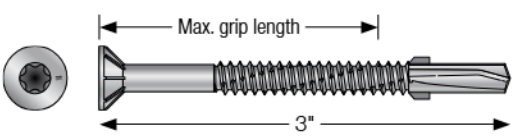


Black Phosphate Coating

Size	Length in. (mm)	Max. Grip Length (in.)	Head Diameter (in.)	Threads per Inch	Carton Quantity	Model No.	PROHSD75/ PROHSD75M
#14	3 (75)	1.939	0.46	14	750	TFP1475S	✓

1. Grip length includes side member, steel thickness, air gaps (if any) and allowance for three threads protruding through the steel.

NEW



Mechanically Galvanized

Size	Length in. (mm)	Max. Grip Length (in.)	Head Diameter (in.)	Threads per Inch	Carton Quantity	Model No.	PROHSD75/ PROHSD75M
#14	3 (75)	1.939	0.46	14	750	TFG1475S	✓

1. Grip length includes side member, steel thickness, air gaps (if any) and allowance for three threads protruding through the steel.

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To determine which fastener best suits your specific project, refer to our fastener software tools on p. 28.

Collated Metal Screws



Strong-Drive®
PHSD FRAMING-TO-CFS Screw

Common Applications:

- Cold-formed steel framing; sheet steel sheathing to cold-formed steel

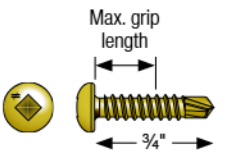
Features:

- Pan head
- #2 square drive (driver bit in each box; replacement bit: BIT2S; see p. 167 for more information)
- #2 drill point
- Yellow zinc coating
- Straight collation

Codes/Standards: ASTM C1513 compliant, City of LA RR25670

For Technical Data and Loads: see C-F-2025TECHSUP Fastening Systems Technical Guide, pp. 237, 241

Warning: Industry studies show that hardened fasteners can experience performance problems in wet or corrosive environments. Accordingly, use this product in dry, interior and noncorrosive environments only.



Yellow Zinc Coating

Size	Length (in.)	Max. Grip Length (in.)	Threads per Inch	Point Size	Carton Quantity	Model No.	PROPHG2
#8	¾	0.585	18	2	2,500	PHSD34S0818	✓

Strong-Drive
FPHSD FRAMING-TO-CFS Screw

Common Applications:

- Cold-formed steel framing; sheet steel sheathing to cold-formed steel

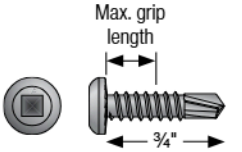
Features:

- Flat pan head
- #3 square drive (driver bit in each box; replacement bit: BIT3S; see p. 167 for more information)
- #3 drill point
- Clear zinc coating
- Straight collation
- This screw is also available in bulk for hand-drive installation; see p. 118 for details

Codes/Standards: ASTM C1513 compliant, ICC-ES ESR 3006 (includes City of LA supplemental)

For Technical Data and Loads: see C-F-2025TECHSUP Fastening Systems Technical Guide, pp. 237, 241

Warning: Industry studies show that hardened fasteners can experience performance problems in wet or corrosive environments. Accordingly, use this product in dry, interior and noncorrosive environments only.



Clear Zinc Coating

Size	Length (in.)	Max. Grip Length (in.)	Threads per Inch	Point Size	Carton Quantity	Model No.	PROPP150G2	PROPHG2
#10	¾	0.257	16	3	2,500	FPHSD34S1016	✓	✓
#12	¾	0.233	14	3	2,500	FPHSD34S1214	✓	✓

1. Grip length includes side member, steel thickness, air gaps (if any) and allowance for three threads protruding through the steel.

To determine which fastener best suits your specific project, refer to our fastener software tools on p. 28.

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SSPCSD Sheathing-to-Metal Screw

Common Applications:

- Designed with a drill point and self-tapping threads to fasten sheathing to aluminum and light gauge steel, the SSPCSD sheathing-to-metal screw provides a large-diameter, low-profile pancake head. Its Type 410 stainless steel provides additional corrosion resistance. This fastener is belt collated for Quik Drive® auto-feed screw driving systems.

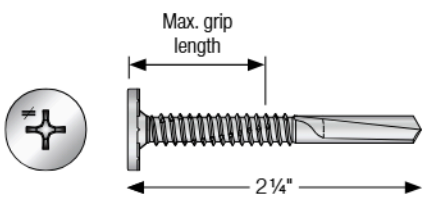
Features:

- Low-profile, pancake head provides strong bearing surface and pull-through resistance
- Underhead nibs for easy countersinking
- #5 self-drilling point and fine threads for drilling through sheathing and into metal
- #3 Phillips drive (replacement bit: BIT3P; see p. 167 for more information)

Codes/Standards: N/A

Warning: Hardened stainless-steel fasteners should not be used with steel framing in environments with high humidity, condensation or other moisture that will be present at the dissimilar-metal interface.

Type 410 stainless steel can be hardened through heat treatment, giving it the ability to drill through metal. It does not offer the same level of corrosion resistance of either Type 316 or Type 305 stainless steel.



Type 410 Stainless Steel

Size	Length (in.)	Max. Grip Length (in.)	Head Diameter (in.)	Minor Diameter (in.)	OD (in.)	Thread Length (in.)	Threads per Inch	Point Size	Package Quantity	Model No.	BGP300G2
#14	2¼	0.973	0.615	0.186	0.240	1.094	14	5	500	SSPCSD214T1414	✓

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To determine which fastener best suits your specific project, refer to our fastener software tools on p. 28.

Collated Metal Screws



SIMPSON Strong-Tie

Strong-Drive®
PPHD **SHEATHING-TO-CFS** Screw



Common Applications:

- Subfloor/sheathing to cold-formed steel

Features:

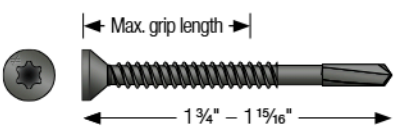
- Flat head
- T25 6-lobe drive (driver bit in each box; use replacement bit: BITTX25-RC3; see p. 167 for more information)
- Fine threads
- Long drill point
- Quik Guard® or yellow zinc coating
- Curved collation
- PPHD screws may be used as prescribed by the codes for shearwalls and diaphragms as described in AISI S240 and S400
- This screw is also available in bulk for hand-drive installation; see p. 119 for details

Installation Guidelines: #8 — maximum thickness of 16 ga. (0.125" total); #10 and #12 — maximum thickness two layers of 12 ga. (0.218" total)
Recommended maximum wood panel sheathing thickness are as follows:
#8 x 1 15/16" — 7/8"; #10 x 1 3/4" — 19/32"; #10 x 3" — 1 1/8"; #12 — 19/32"

Codes/Standards: ASTM C1513 compliant, ICC-ES ESR-4208 (includes City of LA supplemental)

For Technical Data and Loads: see C-F-2025TECHSUP Fastening Systems Technical Guide, pp. 230, 234–235

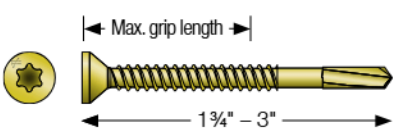
Warning: Industry studies show that hardened fasteners can experience performance problems in wet or corrosive environments. Accordingly, use this product in dry, interior and noncorrosive environments only.



Quik Guard Coating

Size	Length (in.)	Max. Grip Length (in.)	Head Diameter (in.)	Thread Length (in.)	Threads per Inch	Point Size	Carton Quantity	Model No.	PRO 200SG2	PRO 250G2	PRO 300SG2	PROHSD60/ PROHSD60M
#8	1 15/16	1.034	0.323	1.220	17	5	2,000	PPHDQ11516S0817	✓	✓	✓	
#10	1 3/4	0.793	0.333	0.997	16	5	2,000	PPHDQ134S1016	✓	✓	✓	
#12	1 3/4	0.766	0.460	0.989	14	5	1,000	PPHDQ134S1214[1]				✓

1. Has underhead nibs.
2. Grip length includes side member, steel thickness, air gaps (if any) and allowance for three threads protruding through the steel.



Yellow Zinc Coating

Size	Length (in.)	Max. Grip Length (in.)	Head Diameter (in.)	Thread Length (in.)	Threads per Inch	Point Size	Carton Quantity	Model No.	PRO 200SG2	PRO 250G2	PRO 300SG2
#8	1 15/16	1.034	0.323	1.220	17	5	2,000	PPHD11516S0817	✓	✓	✓
#10	1 3/4	0.793	0.333	0.997	16	5	2,000	PPHD134S1016	✓	✓	✓
#10	3	1.273	0.333	1.477	16	5	1,000	PPHD3S1016			✓

1. Grip length includes side member, steel thickness, air gaps (if any) and allowance for three threads protruding through the steel.

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To determine which fastener best suits your specific project, refer to our fastener software tools on p. 28.



Strong-Drive®
XL LARGE-HEAD METAL Screw

Steel decking or other cold-formed steel framing; connectors to structural steel

Strong-Drive XL Large-Head Metal screws are load tested and code listed, allowing you to get the maximum load values for installation. These screws are the perfect choice when high shear or uplift resistance is required and can be excellent 1-for-1 replacements for pins.

Features:

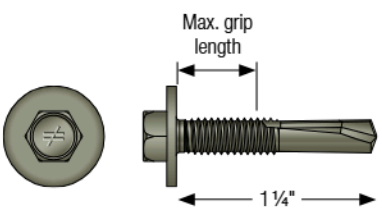
- 5⁄16" hex drive (replacement bit: BITHEXLB516; see p. 167 for more information)
- #5 drill point
- Quik Guard® coating
- 5⁄8"-diameter hex washer head
- Also available in bulk for hand-drive installation; see p. 112 for details

Codes/Standards: IAPMO UES ER-326 (including City of LA Supplement), FM Approval 3050714, State of Florida FL16937, SDI DDM03 Appendix IX, SDI DDM04

For Technical Data and Loads: see C-F-2025TECHSUP Fastening Systems Technical Guide, pp. 247–248

US Patent: 9,518,599

Warning: Industry studies show that hardened fasteners can experience performance problems in wet or corrosive environments. Accordingly, use this product in dry, interior and noncorrosive environments only.



Quik Guard Coating

Size	Length (in.)	Max. Grip Length (in.)	Hex Head Size (in.)	Washer Diameter (in.)	Threads per Inch	Point Size	Suitable Material Thickness (in.)	Carton Qty.	Model No.	BSD200G2
#12	1¼	0.466	5⁄16	0.625	24	#5	0.125–0.500	1,000	XLQ114T1224	✓

1. Grip length includes side member, steel thickness, air gaps (if any) and allowance for three threads protruding through the steel.

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To determine which fastener best suits your specific project, refer to our fastener software tools on p. 28.

Collated Metal Screws



Strong-Drive®
XM MEDIUM-HEAD METAL Screw

Steel decking to structural members involving wide or narrow valley; nestable or interlocking steel decking

Strong-Drive metal screws are load tested and code listed, allowing you to get the maximum load values for installation. Comparison testing shows Strong-Drive XM Medium-Head Metal screws are stronger than many alternative fastener types in 33 ksi and 50 ksi steel decking.

Features:

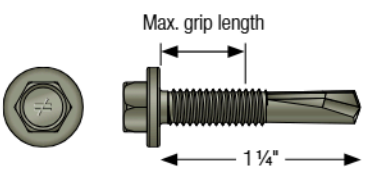
- 5⁄16" hex drive (replacement bit: BITHEXLB516; see p. 167 for more information)
- ½"-diameter hex washer head is ideal for narrow-channel steel decking
- Available only in 1¼" length with #5 drill point
- Available in Quik Guard® coating
- Also available in bulk for hand-drive installation; see p. 113 for details

Codes/Standards: IAPMO UES ER-326 (including City of LA Supplement), FM Approval 3050714, State of Florida FL16937, SDI DDM04

For Technical Data and Loads: see C-F-2025TECHSUP Fastening Systems Technical Guide, pp. 247–248

US Patent: 9,518,599

Warning: Industry studies show that hardened fasteners can experience performance problems in wet or corrosive environments. Accordingly, use this product in dry, interior and noncorrosive environments only.



Quik Guard Coating

Size	Length (in.)	Max. Grip Length (in.)	Hex Head Size (in.)	Washer Diameter (in.)	Threads per Inch	Point Size	Suitable Material Thickness (in.)	Carton Qty.	Model No.	PRO SDX150G2
#12	1¼	0.530	5⁄16	0.483	24	#5	0.125–0.500	1,500	XMQ114S1224	✓

1. Grip length includes side member, steel thickness, air gaps (if any) and allowance for three threads protruding through the steel.

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To determine which fastener best suits your specific project, refer to our fastener software tools on p. 28.

Collated Metal Screws



SIMPSON Strong-Tie

Strong-Drive®
Self-Drilling X Metal Screw

Common Applications:

- Steel stitching ("side-lap" stitching); cold-formed steel framing

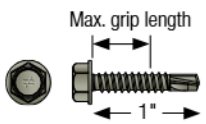
Features:

- 5/16" hex drive (replacement bit: BITHEXLB516; see p. 167 for more information)
- Drill point
- Hex washer head
- Straight collation
- This screw is also available in bulk for hand-drive installation; see p. 114 for details

Codes/Standards: ICC-ES ESR-3006 (including City of LA Supplement); ASTM C1513 compliant; FM Approval #3045651; SDI DDM03, Appendix VII; IAPMO-UES ER-326 (including City of LA Supplement); SDI DDM04; State of Florida FL16937 and FL35320

For Technical Data and Loads: see C-F-2025TECHSUP Fastening Systems Technical Guide, pp. 243–244

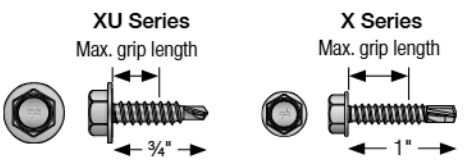
Warning: Industry studies show that hardened fasteners can experience performance problems in wet or corrosive environments. Accordingly, use this product in dry, interior and noncorrosive environments only.



Quik Guard® Coating

Size	Length (in.)	Max. Grip Length (in.)	Threads per Inch	Point Size	Carton Quantity	Model No.	PROHX516G2	PROSDX150G2	PROPP150G2
#10	1	0.469	16	3	1,500	XQ1S1016	✓	✓	✓
#12	1	0.402	14	3	1,500	XQ1S1214	✓	✓	✓

1. Grip length includes side member, steel thickness, air gaps (if any) and allowance for three threads protruding through the steel.



Clear Zinc Coating

Size	Length (in.)	Max. Grip Length (in.)	Threads per Inch	Point Size	Carton Quantity	Model No.	PROHX516G2	PROSDX150G2	PROPP150G2
#10	¾	0.333	16	1	1,500	XU34S1016		✓	✓
#10	1	0.469	16	3	1,500	X1S1016	✓	✓	✓
#12	1	0.402	14	3	1,500	X1S1214	✓	✓	✓

1. Grip length includes side member, steel thickness, air gaps (if any) and allowance for three threads protruding through the steel.

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To determine which fastener best suits your specific project, refer to our fastener software tools on p. 28.

Collated Metal Screws



CBSDQ Sheathing-to-CFS Screw

Common Applications:

- Sheathing to cold-formed steel (recommended thicknesses: 11 ga. to 18 ga.), including trailer walls

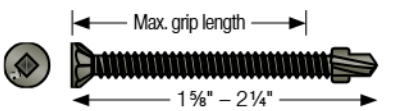
Features:

- Ribbed flat head with nibs for easy countersinking
- #2 undersized square drive (driver bit in each box; replacement bit: BIT2SU; see p. 167 for more information)
- #2 drill point with wings
- Quik Guard® coating
- Curved collation
- CBSDQ screws may be used as prescribed by the codes for shearwalls and diaphragms as described in AISI S240 and S400.

Codes/Standards: ICC-ES ESR-4208 (including City of LA Supplement), ASTM C1513 compliant

For Technical Data and Loads: see C-F-2025TECHSUP Fastening Systems Technical Guide, pp. 231, 234–235

Warning: Industry studies show that hardened fasteners can experience performance problems in wet or corrosive environments. Accordingly, use this product in dry, interior and noncorrosive environments only.



Quik Guard Coating

Size	Length (in.)	Max. Grip Length (in.)	Threads per Inch	Min. Head Diameter (in.)	Point Size	Carton Quantity	Model No.	PRO 200SG2	PRO 250G2	PRO 300SG2
#8	1⅝	1.11	18	0.322	2	1,500	CBSDQ158S	✓	✓	
#10	2¼	1.70	16	0.322	2	1,000	CBSDQ214S		✓	✓

1. Grip length includes side member, steel thickness, air gaps (if any) and allowance for three threads protruding through the steel.

DWF Drywall-to-CFS Screw

Common Applications:

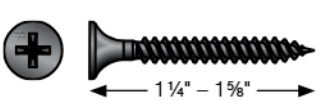
- Drywall to cold-formed steel (recommended thicknesses: 33, 27 and 18 mil / 20, 22 and 25 ga.)

Features:

- Bugle head
- #2 Phillips (driver bit in each box; replacement bit: BIT2P; see p. 167 for more information)
- Fine threads
- Sharp point
- Gray phosphate coating
- Curved collation

Codes/Standards: ASTM C1002-04 Type S compliant

For Technical Data and Loads: see C-F-2025TECHSUP Fastening Systems Technical Guide, p. 236



Gray Phosphate Coating

Size	Length (in.)	Carton Quantity	Model No.	PRO200G2
#6	1¼	2,500	DWF114PS	✓
#6	1⅝	2,500	DWF158PS	✓
#6	1	2,500	DWF1PS	✓

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To determine which fastener best suits your specific project, refer to our fastener software tools on p. 28.



DWFSD Drywall-to-CFS Screw

Common Applications:

- Drywall to cold-formed steel (recommended max. steel thicknesses: 43 mil/18 ga. and 54 mil/16 ga.)

Features:

- Bugle head
- #2 Phillips (driver bit in each box; replacement bit: BIT2P; see p. 167 for more information)
- Fine threads
- #2 drill point
- Curved collation

Codes/Standards: ASTM C954 compliant

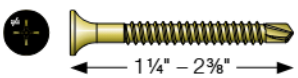
For Technical Data and Loads: see C-F-2025TECHSUP Fastening Systems Technical Guide, p. 236

Quik Guard®



Size	Length (in.)	Max. Grip Length (in.)	Threads per Inch	Box Quantity	Model No.	PRO 200SG2	PRO 200G2
#6	1¼	1.102	20	2,500	DWFSDQ114PS	✓	✓

Yellow Zinc Coating



Size	Length (in.)	Threads per Inch	Box Quantity	Model No.	PRO 200SG2	PRO 250DWG2	PRO 200G2
#6	1¼	20	2,500	DWFSD114PS	✓		✓
#6	1⅝	20	2,500	DWFSD158PS	✓		✓
#6	1⅞	20	2,000	DWFSD178PS	✓	✓	✓
#8	2⅜	20	1,500	DWFSD238PS		✓	

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To determine which fastener best suits your specific project, refer to our fastener software tools on p. 28.



FHSD Wood-to-CFS Screw

Common Applications:

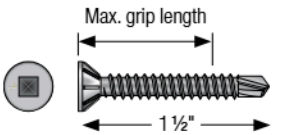
- Wood or wood structural panel sheathing to cold-formed steel (recommended max. steel thicknesses: 3⁄16")

Features:

- Flat head
- Yellow zinc fasteners have curved collation; Type 410 have straight collation
- Type 410 stainless-steel screw has nibs under the head for easy countersinking
- #3 square drive for #10 (replacement bit: BIT3S; see p. 167 for more information)
- #2 square drive for #8 (replacement bit: BIT2S; see p. 167 for more information)

Codes/Standards: ASTM C1513 compliant

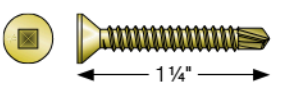
For Technical Data and Loads: see C-F-2025TECHSUP Fastening Systems Technical Guide, pp. 234–236



Type 410 Stainless Steel*

Size	Length (in.)	Max. Grip Length (in.)	Threads per Inch	Min. Head Diameter (in.)	Point Size	Carton Quantity	Model No.	PRO PP150G2
#10	1½	1.313	16	0.382	3	1,000	SSFHSD112S1016	✓

* These products are subject to quantities on hand or may require special ordering and are subject to minimum order quantities and longer lead times. Call Simpson Strong-Tie for details (800) 999-5099.



Yellow Zinc Coating

Size	Length (in.)	Max. Grip Length (in.)	Threads per Inch	Min. Head Diameter (in.)	Point Size	Carton Quantity	Model No.	PRO 200SG2	PRO 200G2
#8	1¼	0.858	18	0.310	2	2,500	FHSD114S0818	✓	✓

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To determine which fastener best suits your specific project, refer to our fastener software tools on p. 28.



WSFLRV Wood-to-CFS/Aluminum Screw

Common Applications:

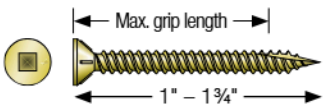
- Wood or wood structural panel sheathing to cold-formed steel (recommended max. steel thicknesses: 33 mils [20 ga.])
- Wood to aluminum (recommended max. aluminum thicknesses: 3⁄16")

Features:

- Flat head with nibs for easy countersinking
- #3 square drive (driver bit in each box; replacement bit: BIT3S; see p. 167 for more information)
- Fine threads
- Type-17 point for fast starts
- Yellow zinc coating
- Curved collation

Codes/Standards: ASTM C1513 compliant; AISI S240 minimum for wood structural panel sheathing fastening with framing thickness not greater than 54 mils

For Technical Data and Loads: see C-F-2025TECHSUP Fastening Systems Technical Guide, pp. 234–235



Yellow Zinc Coating

Size	Length (in.)	Max. Grip Length (in.)	Min. Head Diameter (in.)	Carton Quantity	Model No.	PRO 200SG2	PRO 250G2
#8	1	0.559	0.327	2,500	WSF1LRVS	✓	
#8	1¾	1.311	0.327	2,000	WSF134LRVS	✓	✓

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To determine which fastener best suits your specific project, refer to our fastener software tools on p. 28.