

# Fastening Systems

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**SIMPSON**

**Strong-Tie**







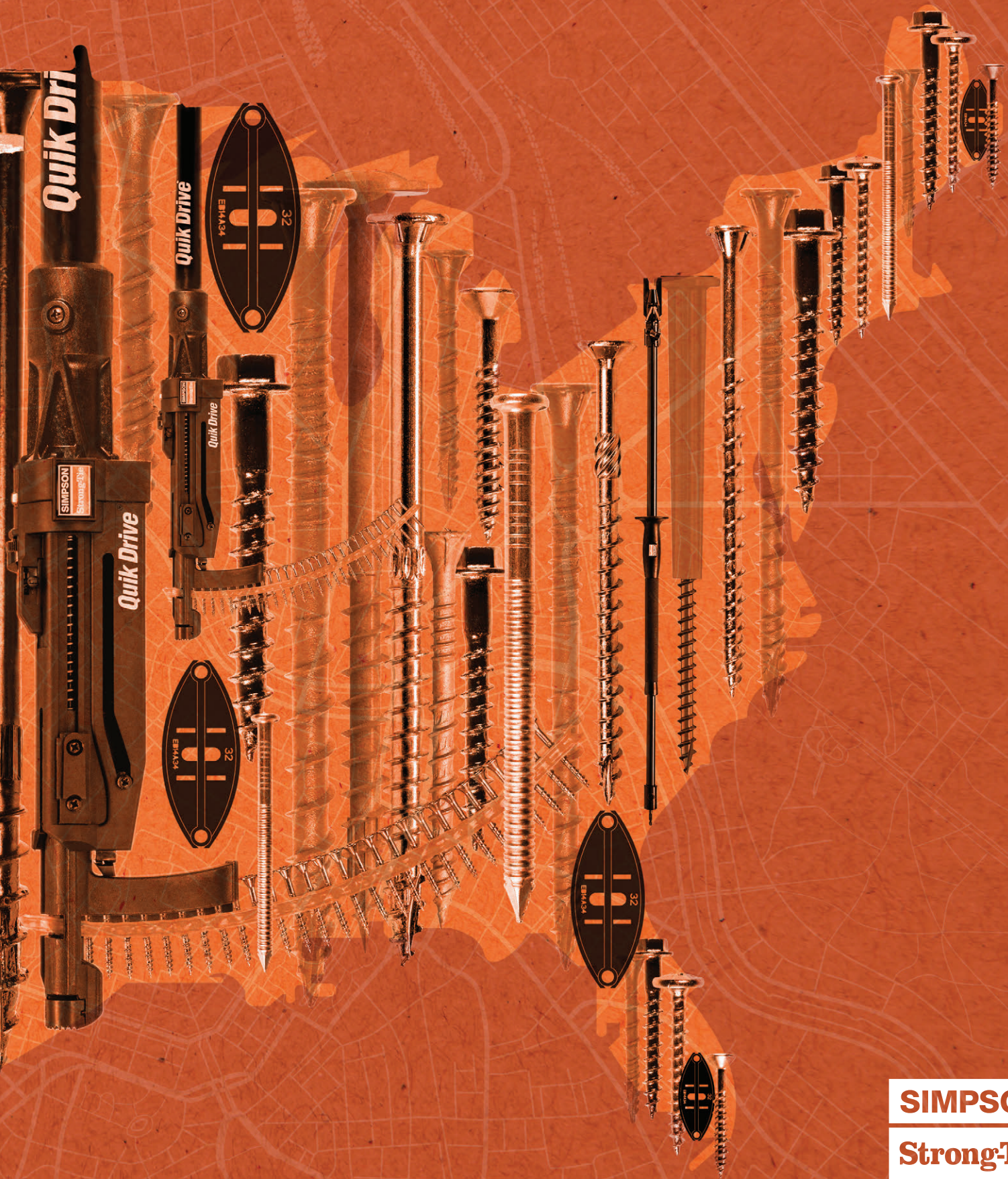
# American ingenuity. World-class performance.

Simpson Strong-Tie® fasteners are designed by the smartest engineering minds in America to meet the highest standards for safety, quality, reliability and performance. Builders install our broad selection of fasteners with confidence, knowing they're backed by industry-leading research and testing. With a reliable network of manufacturing facilities and distributors operating across the US, we're proud to keep customers fully supplied from coast to coast. And when it comes to customer service and support, our nationwide team is committed to always giving our best — so you can give yours.

**Simpson Strong-Tie | [strongtie.com](http://strongtie.com)**

***Strong-Drive® Deck-Drive™ QuikDrive® Stainless-Steel Strong-Drive® Deck***





**SIMPSON**  
**Strong-Tie**

**Quik-Drive™ Quik Drive® Stainless-Steel Strong-Drive® Deck-Drive™ Quik Drive®**



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Strong-Drive® SDCFC TIMBER-CFC Screw  
for Mass Timber Applications

**Smart solutions  
for industry  
innovation.**





# General Information

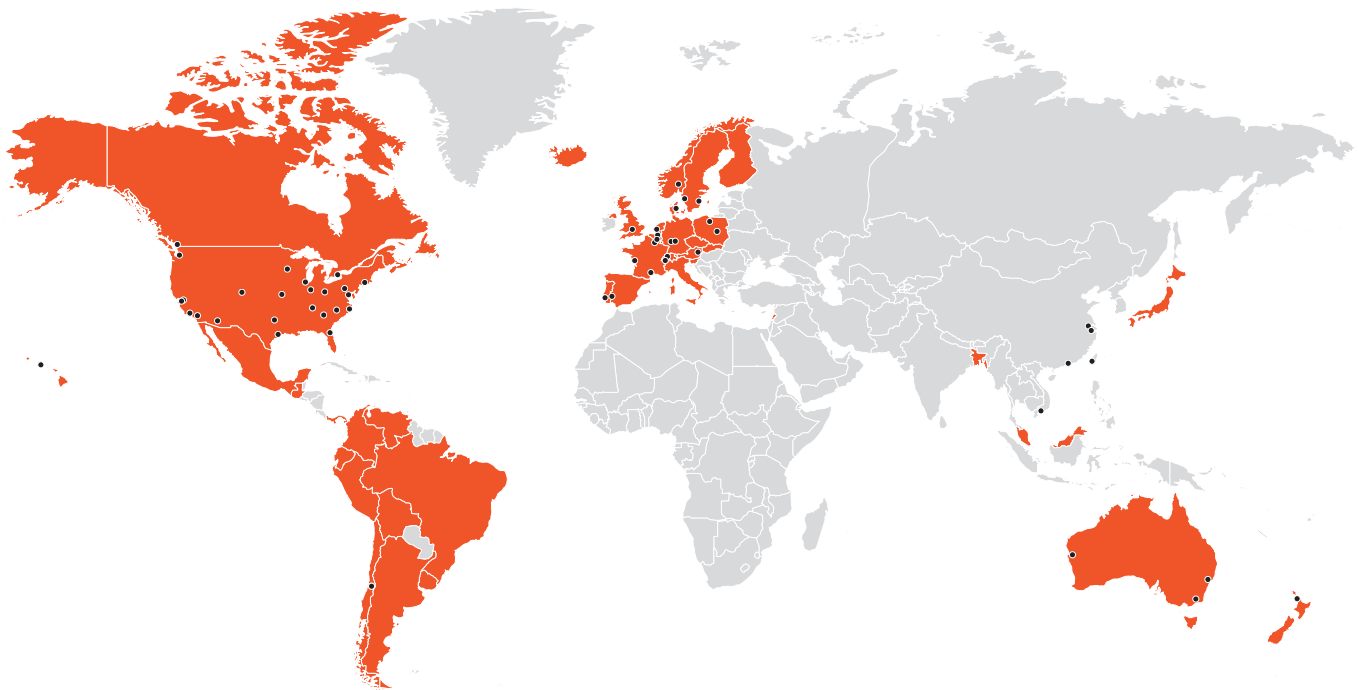
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## Company Information

For more than 65 years, Simpson Strong-Tie has focused on creating structural products that help people build safer and stronger homes and buildings. A leader in structural systems research and technology, Simpson Strong-Tie is one of the largest suppliers of structural building products in the world. The Simpson Strong-Tie commitment to product development, engineering, testing and training is evident in the consistent quality and delivery of its products and services.

For more information, visit the company's website at [strongtie.com](https://strongtie.com).



● Factories, offices and/or warehouses are located in Australia, Austria, Belgium, Canada, Chile, China, Czech Republic, Denmark, France, Germany, Italy, Netherlands, New Zealand, Norway, Poland, Portugal, Sweden, Switzerland, Taiwan, UK, USA and Viet Nam

■ Distribution in Australia, Canada, Chile, parts of South America, Western Europe, parts of Eastern Europe, Middle East, Japan and other Asian countries, Mexico, New Zealand, UK and USA

### Additional Resources:

- C-F-2023TECHSUP  
*Fastening Systems Technical Guide*
- S-M-CMG22  
*Composite Decking Color Matching Guide*
- C-C-2021  
*Wood Construction Connectors catalog*
- C-C-MODULAR  
*Connectors and Fasteners for Modular Building catalog*
- C-C-MASSTIMBER  
*Connectors & Fasteners for Mass Timber Construction catalog*
- C-A-2021  
*Anchoring, Fastening, Restoration and Strengthening Systems for Concrete and Masonry catalog*

**(800) 999-5099 | [strongtie.com](https://strongtie.com)**

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# Company Information

## The Simpson Strong-Tie Company Inc. Quality Pledge

- Quality products value-engineered for the lowest installed cost at the highest-rated performance levels
- The most thoroughly tested and evaluated products in the industry
- Strategically located manufacturing and warehouse facilities
- National code agency listings
- The largest number of patented connectors in the industry
- Global locations with an international sales team
- In-house R&D and tool and die professionals
- In-house product testing and quality control engineers

Support for industry groups, including: **AISI, AITC, ASTM, ASCE, AWC, AWPA, ACI, AISC, CSI, CFSEI, ICFA, NBMDA, NLBMDA, SBCA, SDI, SETMA, SFA, SFIA, STAFDA, SREA, NFBA, TPI, WDSC, WIJMA, WTCA** and local engineering groups.

## The Simpson Strong-Tie Quality Policy

We help people build safer structures economically. We do this by designing, engineering and manufacturing No Equal® structural connectors and other related products that meet or exceed our customers' needs and expectations. Everyone is responsible for product quality and is committed to ensuring the effectiveness of the Quality Management System.



**Mike Olosky**  
Chief Executive Officer

## Getting Fast Technical Support

When calling for engineering technical support, having the following information at hand will help us to serve you promptly and efficiently.

- Which Simpson Strong-Tie® catalog are you using? (See the front cover for the catalog number.)
- Which Simpson Strong-Tie product are you using?
- What is the type and thickness of the materials you are fastening?
- What is your load requirement?
- If using a Quik Drive® attachment:
  - What attachment are you using?
  - What is the RPM range of your screwdriver motor or model number?

You should consult a qualified design professional familiar with all applicable building codes each time you use a Simpson Strong-Tie product.



### We Are ISO 9001 Registered

Simpson Strong-Tie is an ISO 9001 registered company. ISO 9001 is an internationally recognized quality management system that lets our domestic and international customers know they can count on the consistent quality of Simpson Strong-Tie products and services.



### ISO 14001

Our French (St. Gemme la Plaine) and UK facilities are ISO 14001 certified. This standard states the requirements for an environmental management system, and applies to the environmental aspects over which our company has control and can be expected to have an influence.



### OHSAS 18001

Our Tamworth, UK facility is OHSAS 18001 certified. This certification reflects an internationally applied British Standard for occupational health and safety management systems.

To learn more about these certifications and organizations, please visit [ISO.org](http://ISO.org), [ICCSafe.org](http://ICCSafe.org) and [bsigroup.com](http://bsigroup.com).

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General Information

## Important Information — Warnings and Warranties

### Warning

Simpson Strong-Tie fasteners and fastening products are designed and tested for certain applications and environments. To obtain optimal performance from Simpson Strong-Tie products, the products must be properly installed and used in accordance with the installation instructions and design limits provided by Simpson Strong-Tie Company Inc.

To ensure proper installation and use, designers and installers must carefully read the following General Notes, catalog pages for specific product installation instructions and notes.

Proper product installation requires careful attention to all notes and instructions. Installers, designers, engineers and consumers should consult the Simpson Strong-Tie Company Inc. website at [strongtie.com](http://strongtie.com) to obtain additional design and installation information, including:

- Information on workshops Simpson Strong-Tie conducts at various training centers throughout the country
- Code Reports
- Technical fliers and bulletins
- Corrosion information
- Answers to frequently asked questions and technical topics

Failure to fully follow all of the notes and instructions provided by Simpson Strong-Tie Company Inc. may result in improper installation of products. Improperly installed products may not perform to the specifications set forth in this catalog.

Simpson Strong-Tie Company Inc. does not guarantee the performance or safety of products that are modified, improperly installed or not used in accordance with the design and load limits set forth in this catalog.

### Terms and Conditions of Sale

#### Product Use

Products in this catalog are designed and manufactured for the specific purposes shown, and should not be used with other connectors not approved by a qualified licensed/certified building design professional, a licensed professional engineer or licensed architect ("designer"). You should review our website and consult a qualified designer familiar with all applicable building codes each time you use a Simpson Strong-Tie product.

#### Indemnity

Any designer or other person who modifies any products, changes any installation procedures or designs any non-catalog products for fabrication by Simpson Strong-Tie Company Inc. shall, regardless of specific instructions to the user, indemnify, defend, and hold harmless Simpson Strong-Tie Company Inc. for any and all claimed loss or damage occasioned in whole or in part by such products.

#### Non-Catalog and Modified Products

Modifications to products or changes in installation procedures

should only be made by a qualified professional designer. The performance of such modified products or altered installation procedures is the sole responsibility of the designer. Any person modifying Simpson Strong-Tie products must provide the installer with specific instructions on the modified products' specifications, installation and use.

Consult Simpson Strong-Tie Company Inc. for applications for which there is no catalog product, or for connectors for use in hostile environments, with excessive wood shrinkage, or with abnormal loading or erection requirements.

Non-catalog products must be designed by a qualified designer and will be fabricated by Simpson Strong-Tie in accordance with customer specifications.

Any modified, special order or non-catalog products, or any products that are not installed strictly in accordance with Simpson Strong-Tie installation procedures, are provided "AS IS" and without any representation or warranty of any kind.

### Limited Warranty

For the Limited Warranty that applies to Simpson Strong-Tie products, please consult [strongtie.com/limited-warranties](http://strongtie.com/limited-warranties). See p. 259 for the Limited Warranty in effect when this catalog was first published. To obtain a copy of the current Limited Warranty, contact us at [limited\\_warranty@strongtie.com](mailto:limited_warranty@strongtie.com), (800) 999-5099 or Simpson Strong-Tie Company Inc., 5956 West Las Positas Boulevard, Pleasanton, CA 94588.

The Limited Warranty contains important disclaimers, limitations and exclusions, and applies only if the products have been properly specified, installed, maintained, and used in accordance with the design limits and the structural, technical, and environmental specifications in the Simpson Strong-Tie Documentation. All future purchases of Simpson Strong-Tie products are subject to the terms of the Limited Warranty in effect as of the purchase date.

Although products are designed for a wide variety of uses, Simpson Strong-Tie assumes no liability for confirming that any product

is appropriate for an intended use, and each intended use of a product must be reviewed and approved by qualified professionals. Each product is designed for the load capacities and uses listed in the Simpson Strong-Tie Documentation, subject to the limitations and other information set forth therein. Due to the particular characteristics of potential impact events such as earthquakes and high velocity winds, the specific design and location of the structure, the building materials used, the quality of construction, or the condition of the soils or substrates involved, damage may nonetheless result to a structure and its contents even if the loads resulting from the impact event do not exceed Simpson Strong-Tie's specifications and the products are properly installed in accordance with applicable building codes, laws, rules and regulations. Simpson products will perform in accordance with the specifications set forth in the applicable Simpson Strong-Tie catalog. Additional performance limitations for specific products may be listed on the applicable catalog pages.



# Warranties and General Notes

## General Notes

These notes are provided to ensure proper selection and installation of Simpson Strong-Tie Company Inc. products and must be followed carefully.

- a. Simpson Strong-Tie Company Inc. reserves the right to change specifications, designs and models without notice or liability for such changes.
- b. Do not exceed published loads, doing so could jeopardize the connection.
- c. A fastener that splits the wood will not take the design load. Evaluate splits to determine if the connection will perform as required. Dry wood may split easily and should be evaluated as required. If wood tends to split consider pre-boring holes with diameters specified in the 2018/2021 Edition National Design Specification (NDS) sections 12.1.5 for wood screws and 12.1.6 for nails.
- d. Fasteners may break if driven into hard materials or if countersunk below the surface of the substrate fastened.
- e. Do not overdrive fasteners. Overdriven fasteners may have a reduction in shear and pull-through capacity.
- f. Use products only in accordance with all instructions.
- g. All specified fasteners must be installed according to the instructions in this catalog.
- h. There are many choices of fasteners, tools and other products. It is often difficult to determine which type of product is best suited for your application. In some cases, there may be more than one type of product that will work well. The information in this catalog is intended to guide the designer toward the product best suited for the specific application, use and environment. The choice of which product to use should be made by a qualified designer.
- i. All connected members and related elements shall be designed by the designer.
- j. Select fasteners of a type, size, length, thread, head, coating, material, point and other characteristics suitable for your application, use and environment. Incorrect fastener selection may cause the connection to fail.
- k. If using a fastener from this catalog with any other Simpson Strong-Tie product, consult the appropriate Simpson Strong-Tie catalog or [strongtie.com](http://strongtie.com) for detailed information concerning the other product.
- l. Only use fasteners for their intended purpose as described in this publication. Connection failures can result from inappropriate substitution.
- m. Test drive fasteners to assure fasteners install correctly.
- n. The term "designer" used throughout this catalog is intended to mean a licensed/certified building design professional, a licensed professional engineer or licensed architect.
- o. Follow material manufacturer's installation instructions and fastener recommendations.
- p. Unless otherwise noted, nail "penny size" does not imply specific diameters or load capacities. Design standards must be used in conjunction with fastener material, diameter and length to determine acceptable uses.
- q. Use Quik Drive® tools only with authentic Quik Drive fasteners. Other fasteners will void the warranty and may cause the tool to malfunction and become damaged.
- r. If a Quik Drive product is compatible with a specified tool, do not use the product with any other tool.
- s. Power-driven fasteners may deflect and injure the operator or others. Follow the tool manufacturer's operating instructions and use appropriate safety equipment.
- t. Choose the proper tool to suit the fastener and applications.
- u. Use proper safety equipment and follow all safety instructions.
- v. Always wear protective eyewear.
- w. With the use of any power or power fastener, follow manufacturer's safety instructions.
- x. Dissimilar metal combinations should be carefully assessed and avoided if possible.
- y. All carbon steel based fasteners have the potential to corrode and rust.
- z. Some hardened fasteners may have premature failure if exposed to moisture. These fasteners are recommended to be used in interior dry conditions.
- aa. Select a fastener only after reading the corrosion information on pp. 16–20 of this catalog.
- ab. Be aware of special conditions that may increase corrosion risk and select product accordingly.
- ac. Simpson Strong-Tie screws for applications in wood and engineered wood are designed to be installed without predrilling. However, some installation conditions may require predrilling to prevent splitting, torsional failure of the fastener, or to facilitate installation.
- ad. Screws made from austenitic stainless steel are generally softer and have less torsional strength than screws made from carbon steel. Simpson Strong-Tie does not assume liability for breakage or damage due to screw breakage during or after installation. Pre-drilling may be necessary in some cases. For best results, drive at 2,500 rpm or less.
- ae. This catalog includes all information available as of the effective date of publication. Please consult [strongtie.com](http://strongtie.com) for current information.

## Important Information and General Notes

### Deck Construction and Fastening Tips

- Before beginning construction, make sure boards are dry and acclimated to jobsite conditions.
- Select the proper fastener based on the importance of the connection, exposure, and the materials that are being fastened. Consult pp. 45–46 and pp. 48–50 of our *Deck Connection and Fastening Guide* (F-DECKCODE) at [strongtie.com](http://strongtie.com) for guidelines on choosing the correct fastener.
- Consider using 300 Series stainless-steel fasteners when elevated corrosion conditions may exist, such as presence of de-icing salts or close proximity to swimming pools, hot tubs, sprinklers, ponds, foliage and other moisture sources.
- Inadequate gap spacing between boards can put additional load on the fasteners and lead to broken screws or nail pops. Spacing for wood decks depends on wood species and moisture content.
- For composite decking, consult manufacturer fastening requirements and installation instructions related to spacing.
- If the deck is attached to a wall or floor assembly of wood-frame construction, approved corrosion-resistant flashing should be applied to prevent water entry or penetration into the building.
- Use caution to avoid overdriving fasteners during installation. Overdriving can cause fastener breakage and create a counterbore where water can pool, facilitating corrosion and decay.
- Allow for proper water drainage. A deck should slope away from the structure a minimum of 1/8" to 1/4" per every 12" to reduce the possibility of standing water.
- For composite decking to be installed diagonally, reduce the on-center joist spacing following recommendations of the deck board manufacturer. For 5/4 wood decking to be installed diagonally, the spacing for supporting framing should not exceed 16" on-center.
- Adequate ventilation is necessary to minimize cupping, warping and other weathering related defects. Construct the deck a minimum of 18" off the ground to allow proper air circulation. If this is not possible, install a plastic film moisture barrier under the deck.
- Proper maintenance is essential. Staining and sealing, along with periodic inspection of fasteners and hardware, will potentially add years to the life of the deck.

For more information on deck construction and products from Simpson Strong-Tie, please see our *Deck Connection and Fastening Guide* (F-DECKCODE) and the most recent technical bulletin, *Fastening Systems Technical Guide* (C-F-TECHSUP) at [strongtie.com](http://strongtie.com) or visit [strongtie.com/deckcenter](http://strongtie.com/deckcenter).

Please refer to the American Wood Council's Prescriptive Residential Wood Deck Construction Guide (DCA 6) for important information on best practices and code compliant design.

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### Corrosion Information

#### Understanding the Corrosion Issue

Metal connectors, fasteners and anchors can corrode and lose carrying capacity when installed in corrosive environments or when installed in contact with corrosive materials. The many variables present in a building environment make it impossible to predict accurately whether, or when, corrosion will begin to reach a critical level. This relative uncertainty makes it crucial that specifiers and users be knowledgeable about the potential risks and select a product suitable for the intended use. When there is any uncertainty about the possible corrosion risks of any installation, a qualified professional should be consulted. Because of the risks posed by corrosion, periodic inspections should be performed by a qualified engineer or qualified inspector and maintenance performed accordingly.

It's common to see some corrosion in outdoor applications. Even stainless steel can corrode. The presence of some corrosion does not

mean that load capacity has been affected or that failure is imminent. If significant corrosion is apparent or suspected, then the wood, fasteners, anchors, and connectors should be inspected by a qualified engineer or qualified inspector. Replacement of affected components may be appropriate.

Because of the many variables involved, Simpson Strong-Tie cannot provide estimates of the service life of connectors, anchors, and fasteners. We suggest that all users and specifiers obtain recommendations on corrosion from the suppliers of the materials that will be used with Simpson Strong-Tie products, in particular, treated wood or concrete. We have attempted to provide basic knowledge on the subject here, and have additional information in our technical bulletins on the topic ([strongtie.com/info](http://strongtie.com/info)). The Simpson Strong-Tie website should always be consulted for the latest information.



# Corrosion Information

## Corrosion Conditions

Corrosion can result from many combinations of environmental conditions, materials, construction design, and other factors, and no single guideline addresses all corrosion possibilities. Nevertheless, important corrosion information can be obtained from the American Wood Protection Association (AWPA), the International Building Code (IBC), International Residential Code (IRC), and local building codes. The following discussion provides general guidelines and approaches for the selection of Simpson Strong-Tie products for various construction conditions, but is not intended to supersede the guidelines of the AWPA, IBC, IRC, or local building codes.

Corrosion issues for Simpson Strong-Tie products generally fall into four categories:

### 1. Environmental and Construction Factors

Many environments and materials can cause corrosion, including ocean salt air, condensation, duration of wetness, fire retardants, fumes, fertilizers, chlorides, sulfates, preservative-treated wood, de-icing salts, dissimilar metals, soils, and more. Designers must take all of these factors into account when deciding which Simpson Strong-Tie products to use with which corrosion-resistant coatings or materials.

The design, quality of construction, and misinstallation can directly affect the corrosion resistance of products. A product intended and installed for use in dry-service environment may corrode if the structure design or building materials allow moisture intrusion, or expose the product to corrosive conditions, such as moisture or chemicals contained in the construction materials, soils, or atmospheres.

### 2. Chemically Treated Lumber

Some wood-preservative or fire-retardant chemicals or chemical retention levels create increased risk of corrosion and are corrosive to steel connectors and fasteners. For example, testing by Simpson Strong-Tie has shown that ACQ-Type D is more corrosive than Copper Azole, Micronized Copper Azole, or CCA-C. At the same time, other tests have shown that inorganic boron treatment chemicals, specifically SBX-DOT, are less corrosive than CCA-C.

Because different chemical treatments of wood have different corrosion effects, it's important to understand the relationship between the wood treatment chemicals and the coatings and base metals of Simpson Strong-Tie products.

The preservative-treated wood supplier should provide all of the pertinent information about the treated wood product. The information should include the AWPA Use Category Designation, wood species group, wood treatment chemical, and chemical retention. See building code requirements and appropriate evaluation reports for corrosion effects of wood treatment chemicals and for fastener corrosion resistance recommendations.

With Fire-Retardant-Treated (FRT) Wood, the 2018 IBC Section 2304.10.5.4 and 2018 IRC Section R317.3.4 refer to the manufacturer's recommendations, while the 2021 IBC and 2021 IRC require fasteners to be in compliance with 2304.10.6.3-.4 and R317.3.3-.4, respectively. In the absence of recommendations from the FRT manufacturer, the building codes require fasteners to be hot-dip galvanized, stainless steel, silicon bronze or copper. Simpson Strong-Tie further requires that the fastener is compatible with the metal connector hardware. Fastener shear and withdrawal allowable loads may be reduced in FRT lumber. Refer to the FRT manufacturer's evaluation report for potential reduction factors.

### 3. Dissimilar Metals and Galvanic Corrosion

Galvanic corrosion occurs when two electrochemically dissimilar metals contact each other in the presence of an electrolyte (such as water) that acts as a conductive path for metal ions to move from the more anodic to the more cathodic metal. Good detailing practice, including the following, can help reduce the possibility of galvanic corrosion of fasteners and connectors:

- Use fasteners or anchors and connectors with similar electrochemical properties
- Use insulating materials to separate dissimilar metals
- Ensure that the fastener or anchor is the cathode when dissimilar connector metals are present
- Prevent exposure to and pooling of electrolytes

### Galvanic Series of Metals

| Corroded End (Anode)  |
|---|
| Magnesium, Magnesium alloys, Zinc   |
| Aluminum 1100, Cadmium, Aluminum 2024-T4, Iron and Steel                                  |
| Lead, Tin, Nickel (active), Inconel Ni-Cr alloy (active), Hastelloy alloy C (active)      |
| Brasses, Copper, Cu-Ni alloys, Monel  |
| Nickel (passive)  |
| 304 stainless steel (passive), 316 stainless steel (passive), Hastelloy alloy C (passive) |
| Silver, Titanium, Graphite, Gold, Platinum  |
| Protected End (Cathode)   |

If you are uncertain about the galvanic corrosion potential of any installation, always consult with a corrosion expert. See the product pages for particular parts for more information regarding what coating systems are recommended or required for use with the parts in question.

### 4. Hydrogen-Assisted Stress Corrosion Cracking

Some hardened fasteners may experience premature failure from hydrogen-assisted stress-corrosion cracking if exposed to moisture. These fasteners are recommended for use only in dry-service conditions.

### 5. Indoor Swimming Pools

Indoor swimming pool environments are extremely corrosive to steel products. And some stainless steel is highly susceptible to stress corrosion cracking (SCC) under sustained loads in this environment. SCC can result in sudden failures. Instead of stainless steel, it is advised to use a duplex coated, post-hot-dip galvanized or ZMAX® coated low carbon steel for any load bearing components used in swimming pool environments. Regular maintenance is strongly advised. See [strongtie.com/corrosion](http://strongtie.com/corrosion) for additional information.

# Corrosion Information

## Guidelines for Selecting Materials and Coatings

In the discussion and charts of this section, Simpson Strong-Tie presents a three-step system to determine which product coatings and base metals to use in a range of corrosion conditions. These are general guidelines that may not consider all relevant application criteria. Refer to product-specific information for additional guidance.

Simpson Strong-Tie evaluated the AWWA Use Categories (See AWWA U1-16) and ICC-ES AC257 Exposure Conditions and developed a set of corrosion resistance recommendations. These recommendations

address the coating systems and materials used by Simpson Strong-Tie for fastener, connector, and anchor products. Although the AWWA Use Categories and ICC-ES AC257 Exposure Conditions specifically address treated-wood applications and some common corrosion agents, Simpson Strong-Tie believes that its recommendations may be applied more generally to other application conditions, insofar as the service environments discussed are similar. You should consult with a corrosion engineer concerning the application where advisable.

### Step 1 — Evaluate the Corrosion Conditions

- **Dry Service:** Generally INTERIOR applications including wall and ceiling cavities, and in raised floor applications in enclosed buildings that have been designed to prevent condensation and exposure to other sources of moisture. Prolonged periods of wetness during construction should also be considered, as this may constitute a Wet Service or Elevated Service condition. Dry Service is typical of AWWA UC1 and UC2 for wood treatment and AC257 Exposure Condition 1. Keep in mind that dry-service environment may contain airborne salts. AC257 Exposure Condition 2 reflects the presence of airborne salt in a dry-service environment and corrosion hazard to exposed metal surfaces. It does not include effects of treatment chemicals. This condition is generally considered in Elevated and Uncertain assessments.
- **Wet Service:** Generally EXTERIOR construction in conditions other than elevated service. These include Exterior Protected and Exposed and General Use Ground Contact as described by AWWA UC4A. The AWWA U1 standard classifies exterior above-ground

treatments as Use Categories UC3 (A and B) depending on moisture run-off; and for exterior ground-contact levels of protection, it has Use Categories UC4 (A-C). ICC-ES AC257 considers the exterior exposure to be limited by the presence of treatment chemicals, and corrosion accelerators. In general, the AC257 Exposure Condition 1 includes AWWA Use Categories UC1 (interior/dry) and UC2 (interior/damp), while Exposure Condition 3 is a surrogate to UC3A, 3B, and 4A (exterior, above-ground and ground-contact, general use). The ICC-ES AC257 Exposure Conditions 2 and 4 are exposures that are salt environments.

- **Elevated Service:** Includes fumes, fertilizers, soil, some preservative-treated wood (AWWA UC4B and UC4C), industrial-zone atmospheres, acid rain, salt air, and other corrosive elements.
- **Uncertain:** Unknown exposure, materials, or treatment chemicals.
- **Ocean/Water Front Service:** Marine environments that include airborne chlorides, salt air, and some salt splash. Environments with de-icing salts are included.

### Step 2 — Determine Your Corrosion Resistance Classification

#### Corrosion Resistance Classifications

| Environment       | Material to Be Fastened          |                           |                                 |                                 |        |                    | FRT Wood            |
|-------------------|----------------------------------|---------------------------|---------------------------------|---------------------------------|--------|--------------------|---------------------|
|                   | Untreated Wood or Other Material | Preservative-Treated Wood |                                 |                                 |        |                    |                     |
|                   |                                  | SBX-DOT Zinc Borate       | Chemical Retention ≤ AWWA, UC4A | Chemical Retention > AWWA, UC4A | ACZA   | Other or Uncertain |                     |
| Dry Service       | Low                              | Low                       | Low                             | High                            | Medium | High               | Medium <sup>7</sup> |
| Wet Service       | Medium                           | N/A                       | Medium                          | High                            | High   | High               | High                |
| Elevated Service  | High                             | N/A                       | Severe                          | Severe                          | High   | Severe             | N/A                 |
| Uncertain         | High                             | High                      | High                            | Severe                          | High   | Severe             | Severe              |
| Ocean/Water Front | Severe                           | N/A                       | Severe                          | Severe                          | Severe | Severe             | N/A                 |

#### Additional Considerations

1. Always consider the importance of the connection as well as the cost of maintenance and replacement.
2. If the information about treatment chemicals in an application is incomplete, or if there is any uncertainty as to the service environment of any application, Simpson Strong-Tie recommends the use of a Type 300 Series stainless steel. Simpson Strong-Tie has evaluated the corrosion effects of various formulations of wood treatment chemicals ACZA, ACQ, CCA, MCA, CA, and salt as corrosion accelerators. Simpson Strong-Tie has not evaluated all formulations and retentions of the named wood treatment chemicals other than to use coatings and materials in the severe category. Manufacturers may independently provide test results or other product information. Simpson Strong-Tie expresses no opinion regarding such information.
3. Type 316/305/304 stainless-steel products are recommended where preservative-treated wood used in ground contact has a chemical retention level greater than those for AWWA UC4A; CA-C, 0.15 pcf (pounds per cubic foot); CA-B, 0.21 pcf; micronized CA-C, 0.14 pcf; micronized CA-B, 0.15 pcf; ACQ-Type D (or C), 0.40 pcf. When wood treated with micronized CA-C and micronized CA-B with treatment retentions up to UC4B is in dry service, hot-dip galvanized fasteners and connectors may be suitable.
4. Mechanical galvanizations C3 and N2000 should not be used in conditions that would be more corrosive than AWWA UC3A (exterior, above ground, rapid water run off).
5. Some chemically treated wood may have chemical retentions greater than specification, particularly near the surface, making it potentially more corrosive than chemically treated wood with lower retentions. If this condition is suspected, use Type 316/305/304 stainless-steel, silicon bronze, or copper fasteners.
6. Some woods, such as cedars, redwood, and oak, contain water-soluble tannins and are susceptible to staining when in contact with metal connectors and fasteners. Applying a quality finish to all surfaces of the wood prior to installation can help reduce staining.
7. Anchors, fasteners and connectors in contact with FRT lumber shall be hot-dip galvanized or stainless steel, unless recommended otherwise by the FRT manufacturer. Many FRT manufacturers permit low-corrosion-resistant connector and fastener coatings for dry-service conditions.
8. Simpson Strong-Tie does not recommend painting stainless-steel anchors, fasteners or connectors. Imperfections or damage to the paint can facilitate collection of dirt and water that can degrade or block the passive formation of the protective chromium oxide film. When this happens, crevice corrosion can initiate and eventually become visible as a brown stain or red rust. Painting usually does not improve the corrosion resistance of stainless steel.

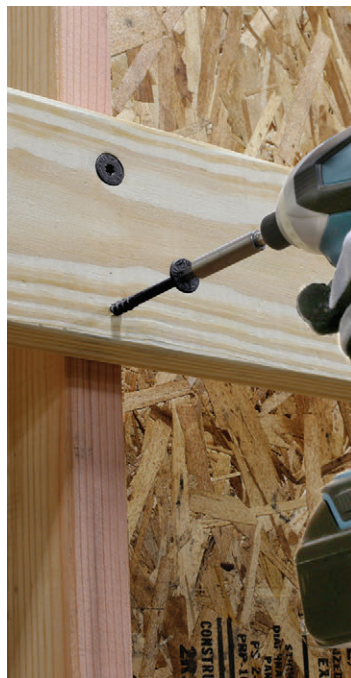


# Corrosion Resistance Classifications

Simpson Strong-Tie fasteners feature a wide range of materials and coatings designed to meet specific performance criteria. It is important to select a material and/or coating that is suitable for the intended application and environment based upon factors such as corrosion resistance and mechanical properties of the material. See pp. 16–18 for more information on selecting fasteners based upon corrosion resistance.

Simpson Strong-Tie Company Inc. welcomes the opportunity to provide assistance in fastener selection. Please call (800) 999-5099 in the event that technical support is needed.

## Low Level of Corrosion Resistance



### Blue-Bright Zinc

Electroplated zinc applied in accordance with ASTM F1941. In the ASTM B117 salt spray test, blue-bright zinc provides at least 36 hours of corrosion protection before the first appearance of red rust.

### Clear Zinc

Electroplated clear zinc is applied in accordance with ASTM F1941. In the ASTM B117 salt spray test, clear zinc provides 24 hours of corrosion protection before the first appearance of red rust depending on coating thickness.

### Electrocoating (E-Coat™)

Electrocoat utilizes electrical current to deposit the coating material onto the fastener. After application, the coating is oven cured. Electrocoat is intended for dry service, low-corrosion applications and is suitable for use with FRT in medium-corrosion, dry-service applications.

### Gray Phosphate

Gray phosphate provides a minimum level of corrosion resistance and is intended for dry, low-corrosion applications.

### Black Phosphate

Black phosphate provides a minimum level of corrosion resistance and is intended for dry, low-corrosion applications.

### Yellow Zinc

Electroplated zinc applied in accordance with ASTM F1941. In the ASTM B117 salt spray test, yellow zinc provides at least 96 hours of corrosion protection before the first appearance of red rust.

### Class 1 Zinc Electroplate

Electroplated zinc applied in accordance with ASTM A641, Class 1. This is an electroplated zinc coating that provides a low level of corrosion resistance. The Class 1 coating has no specified red rust performance criteria in the B117 salt spray test.

### Type 410 Stainless Steel

Type 410 stainless steel is a low-carbon martensitic grade of stainless steel that can be hardened and is inherently magnetic. This material provides corrosion resistance in mild atmospheres and many mild chemical environments.

### Coated Zinc

This coating system consists of an electroplated zinc base layer with an E-Coat top coat. It provides corrosion resistance that is adequate for low corrosion environments. In ASTM B117 salt spray testing at 500 hours of exposure, fasteners with this coating have an average red rust of less than 5%.

## Medium Level of Corrosion Resistance



### Quik Guard® Coating

Quik Guard coatings are proprietary coating systems that consist of an electroplated zinc base layer and organic top coats. The corrosion resistance is equivalent to hot-dip galvanization (ASTM A153, Class D) in some exposures and in most non-marine environments, and described by ICC-ES, AC257 Exposures 1 and 3.

### Double-Barrier Coating

The Simpson Strong-Tie double-barrier coating is a proprietary coating that provides a level of corrosion resistance that is equivalent to hot-dip galvanization (ASTM A153, Class D) in most non-marine environments and as described by ICC-ES, AC257 Exposures 1 and 3.

### Hot-Dip Galvanized, ASTM A153, Class D

The Class D hot-dip galvanization is a coating that meets the requirements of ASTM A153, Class D, which is a minimum average of 1.0 oz/ft<sup>2</sup> [305 g/m<sup>2</sup>] of zinc applied by a hot-dip process. Hot-dip galvanized fasteners are compliant with the 2018 and 2021 IBC and IRC.

### Mechanically Galvanized, ASTM B695, Class 55

This is a mechanically applied zinc coating that meets the requirements of ASTM B695, Class 55, which is a minimum average thickness of 55 microns with a supplementary overcoat. Screws with a Class 55 coating meet the requirements for use in preservative-treated and fire-retardant-treated wood as stated in the 2018 and 2021 IRC.

### N2000® Mechanically Galvanized

This is a mechanically applied proprietary zinc coating with a supplementary overcoat. In the ASTM B117 salt spray test at 1000 hours of exposure, fasteners with the N2000 coating exhibit average red rust less than 15%.

### C-3 Mechanically Galvanized

A mechanically applied coating that is zinc with a minimum of 20% tin in accordance with Australian Standard AS3566.2. In the ASTM B117 salt spray test at 1,000 hours of exposure, fasteners with the C3 coating exhibit average red rust of less than 2%.

## Corrosion Resistance Classifications

### High Level of Corrosion Resistance



#### Types 304 and 305 Stainless Steel

Types 304 and 305 stainless steels are nickel-chromium austenitic grades of stainless steel. Types 304 and 305 stainless steels are not hardened by heat treatment and are inherently nonmagnetic.

They provide very good corrosion resistance and are suitable for use in many corrosive environments. Fasteners made from Types 304 and 305 stainless steels are compliant with the 2018 and 2021 IBC and IRC.

### Severe Level of Corrosion Resistance



#### Type 316 Stainless Steel

Type 316 stainless steel is a nickel-chromium austenitic grade of stainless steel with 2-3% Molybdenum. Type 316 stainless steel is not hardened by heat treatment and is inherently nonmagnetic. It provides a level of corrosion protection suitable for severe environments, especially environments with chlorides. Type 316 stainless steel fasteners are compliant with the 2018 and 2021 IBC and IRC.

#### Hot-Dip Galvanized, ASTM A153, Class C

Class C hot-dip galvanization is a coating that meets the requirements of ASTM A153, Class C, which is a minimum average of 1.25 oz/ft<sup>2</sup> [381 g/m<sup>2</sup>] of zinc applied by a hot-dip process. Hot-dip galvanized fasteners are compliant with the 2018 and 2021 IBC and IRC.

## Passivation of Stainless-Steel Fasteners

Stainless steels are designed to naturally self-passivate by forming a chromium oxide layer. Corrosion resistance of some stainless-steel fasteners is enhanced by a post-fabrication passivation process. The passivation process uses an acid bath to strip free iron from the surface and an oxidizer to force conversion of the surface chromium to the oxide form.

## General Note About Salt Spray Testing

Salt spray testing in accordance with ASTM B117 is not intended to represent real-world corrosion performance of fastener coatings. It should only be used for comparative evaluation between like products. Many variables may affect the outcome of the salt spray test such as base material, fastener features, coating and the material where it is installed.



# Fastener Overview — Nails

## Nail Sizes

A common method used to represent nail sizes is the penny size, which is a length designation. The size is written with a number and the abbreviation “d” for “denarius” which is Latin for “penny.” While referring to penny size and type designations such as “box” or “common” is a typical method for calling out nails, it is more accurate and reduces potential confusion if the nail is called out by diameter and length.

**Note:** Box, common and sinker nails may have the same length designation, but they have different diameters. See the American Wood Council, NDS 2018, Appendix L for diameters and lengths for structural nails of each type.

## Construction Nails

| Nail Type                         | Dimensions (inches and mm) <sup>2,3</sup> |       |      |       |      |                 |      |                  |      |       |      |                  |      |       |       |
|-----------------------------------|---|-------|------|-------|------|-----------------|------|------------------|------|-------|------|------------------|------|-------|-------|
|                                   | Feature                                   | 6d    |      | 7d    |      | 8d <sup>1</sup> |      | 10d <sup>1</sup> |      | 12d   |      | 16d <sup>1</sup> |      | 20d   |       |
|                                   | Pennyweight                               | in.   | mm   | in.   | mm   | in.             | mm   | in.              | mm   | in.   | mm   | in.              | mm   | in.   | mm    |
| Common                            | Length                                    | 2.000 | 51.0 | 2.250 | 57.0 | 2.500           | 63.0 | 3.000            | 76.0 | 3.250 | 82.0 | 3.500            | 89.0 | 4.000 | 101.0 |
|                                   | Diameter                                  | 0.113 | 2.8  | 0.113 | 2.8  | 0.131           | 3.3  | 0.148            | 3.7  | 0.148 | 3.7  | 0.162            | 4.1  | 0.192 | 4.8   |
|                                   | Head                                      | 0.266 | 6.6  | 0.266 | 6.7  | 0.281           | 7.1  | 0.312            | 7.9  | 0.312 | 7.9  | 0.344            | 8.7  | 0.406 | 10.3  |
| Box                               | Length                                    | 2.000 | 51.0 | 2.250 | 57.0 | 2.500           | 63.0 | 3.000            | 76.0 | 3.250 | 82.0 | 3.500            | 89.0 | 4.000 | 101.0 |
|                                   | Diameter                                  | 0.099 | 2.5  | 0.090 | 25.1 | 0.113           | 2.8  | 0.128            | 3.2  | 0.128 | 3.2  | 0.135            | 3.4  | 0.148 | 3.7   |
|                                   | Head                                      | 0.266 | 6.7  | 0.266 | 6.7  | 0.297           | 7.5  | 0.312            | 7.9  | 0.312 | 7.9  | 0.344            | 8.7  | 0.375 | 9.5   |
| Sinker                            | Length                                    | 1.875 | 47.0 | 2.125 | 53.0 | 2.375           | 60.0 | 2.875            | 73.0 | 3.125 | 79.0 | 3.250            | 82.0 | 3.750 | 95.0  |
|                                   | Diameter                                  | 0.092 | 2.3  | 0.099 | 2.5  | 0.113           | 2.8  | 0.120            | 3.0  | 0.135 | 3.4  | 0.148            | 3.7  | 0.177 | 4.4   |
|                                   | Head                                      | 0.234 | 5.9  | 0.250 | 6.3  | 0.266           | 6.7  | 0.281            | 7.1  | 0.312 | 7.9  | 0.344            | 8.7  | 0.375 | 9.5   |
| Metal Hardware Nails <sup>4</sup> | Length                                    | —     | —    | —     | —    | 1.500           | 38.0 | 1.500            | 38.0 | 2.500 | 63.0 | 2.500            | 63.0 | —     | —     |
|                                   | Diameter                                  | —     | —    | —     | —    | 0.131           | 3.3  | 0.148            | 3.7  | 0.148 | 3.7  | 0.162            | 4.1  | —     | —     |
|                                   | Head                                      | —     | —    | —     | —    | 0.285           | 7.2  | 0.285            | 7.2  | 0.285 | 7.2  | 0.285            | 7.2  | —     | —     |

See footnotes below.

## Construction Nails (cont.)

| Nail Type                         | Dimensions (inches and mm) <sup>2,3</sup> |       |       |       |       |       |       |       |       |  |
|-----------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|--|
|                                   | Feature                                   | 30d   |       | 40d   |       | 50d   |       | 60d   |       |  |
|                                   | Pennyweight                               | in.   | mm    | in.   | mm    | in.   | mm    | in.   | mm    |  |
| Common                            | Length                                    | 4.500 | 114.0 | 5.000 | 127.0 | 5.500 | 139.7 | 6.000 | 152.4 |  |
|                                   | Diameter                                  | 0.207 | 5.2   | 0.225 | 5.7   | 0.244 | 6.1   | 0.263 | 6.6   |  |
|                                   | Head                                      | 0.438 | 11.1  | 0.469 | 11.9  | 0.500 | 12.7  | 0.531 | 13.4  |  |
| Box                               | Length                                    | 4.500 | 114.0 | 5.000 | 127.0 | —     | —     | —     | —     |  |
|                                   | Diameter                                  | 0.148 | 3.7   | 0.162 | 4.1   | —     | —     | —     | —     |  |
|                                   | Head                                      | 0.375 | 9.5   | 0.406 | 10.3  | —     | —     | —     | —     |  |
| Sinker                            | Length                                    | 4.250 | 107.0 | 4.750 | 120.6 | —     | —     | 5.750 | 146.0 |  |
|                                   | Diameter                                  | 0.192 | 4.8   | 0.207 | 5.2   | —     | —     | 0.244 | 6.1   |  |
|                                   | Head                                      | 0.406 | 10.3  | 0.438 | 11.1  | —     | —     | 0.500 | 12.7  |  |
| Metal Hardware Nails <sup>6</sup> | Length                                    | —     | —     | —     | —     | 2.500 | 63.0  | —     | —     |  |
|                                   | Diameter                                  | —     | —     | —     | —     | 0.250 | 6.3   | —     | —     |  |
|                                   | Head                                      | —     | —     | —     | —     | 0.500 | 12.7  | —     | —     |  |

1. Collated Strong-Drive® SCN Smooth-Shank and SCNR Ring-Shank Connector nails have a 0.285"-diameter head for 8d, 10d and 16d sizes.

2. Dimensions for box, common and sinker nails per AWC/NDS, Table L4.

3. Diameter is shank diameter.

4. Dimensions per ASTM F1667.

5. Tolerances are specified in ASTM F1667.

6. Per Simpson Strong-Tie specifications.

## Steel Wire Gauge/Diameter

| Gauge | in.   | mm   |
|-------|-------|------|
| 3     | 0.259 | 6.57 |
| 4     | 0.238 | 6.05 |
| 6     | 0.203 | 5.16 |
| 8     | 0.162 | 4.12 |
| 9     | 0.148 | 3.76 |
| 10    | 0.131 | 3.33 |
| 11    | 0.120 | 3.05 |
| 12    | 0.113 | 2.85 |
| 13    | 0.092 | 2.34 |
| 14    | 0.083 | 2.11 |
| 15    | 0.072 | 1.83 |
| 16    | 0.065 | 1.65 |
| 18    | 0.049 | 1.25 |
| 23    | 0.026 | 0.66 |

1. Table based on Birmingham or Stub's Iron Wire Gauge.

# Fastener Overview — Nails

## Nail Types

**Box:** Bright, coated, plain-shank nail or regular stock steel with flat round head and medium diamond point. Shank diameter is smaller than common nails of the same penny weight.

**Brads:** A common term used for nails less than 1¼" in length with a head slightly larger than the shank. These nails can be easily concealed by countersinking below the work surface.

**Casing:** A wire nail with a head that is only slightly larger head than a finish nail, often used for flooring.

**Common:** Bright plain-shank nail of regular stock steel with flat round head and medium diamond point. Shank diameter is larger than box nails of the same penny size.

**Connector:** A wire nail with a concentric, full, round head and diamond point. The shank can be either deformed with annular rings or smooth.

**Finishing:** A wire nail with a head that is only slightly larger than the shank and medium diamond point. These nails can be easily concealed by countersinking below the work surface.

**Post-Frame Ring Shank:** A wire nail with a concentric, full, round head and 2.25 to 3 inches of shank length that is deformed with annular rings. The annular rings have over-shank diameter of 0.005 to 0.010 inch and the pitch is 20 rpi.

**Roofing:** A nail used for attaching paper or shingles to roof battens or sheathing; usually with a large flat head.

**Roof Sheathing Ring Shank:** A wire nail with a concentric, full, round head and at least 1.5 inches of shank length deformed with annular rings. The annular rings have over-shank diameter of 0.005 to 0.012 inch and the pitch is 13 to 20 rpi.

**Siding:** A wire nail with a shank that is typically 0.099" or less in diameter and a smaller head than other nails of the same size to help conceal the fastener after installation.

**Sinker:** A 16d sinker is a 0.148" x 3¼" coated framing nail.

### Nail Shank Types

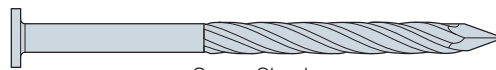
**Smooth Shank:** There are no deformations on the shank, making nails with a smooth shank the easiest to drive. Smooth shank nails offer the least pull-out resistance when compared with spiral and ring shanks.

**Spiral Shank:** A spiral "thread" on the shank causes the nail to spin during installation, creating a thread-like interlock with the wood, which increases withdrawal capacity. Spiral-shank nails are designed to drive easier into harder woods and dense materials while still providing increased withdrawal resistance.

**Annular Ring Shank:** Annular threads or "rings" are formed on the shank to increase withdrawal capacity. The "rings" create an interlock between the shank of the nail and the wood, providing superior holding power. Generally considered the nail type with the best withdrawal resistance.



Smooth Shank

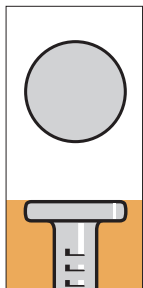


Screw Shank

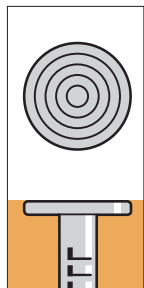


Annular Ring Shank

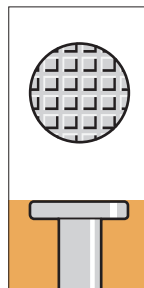
## Nail Head Types



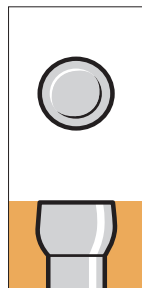
Flat Head



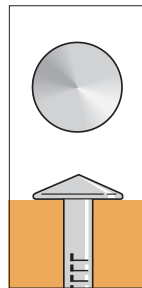
Flat Head with Concentric Ring Texture



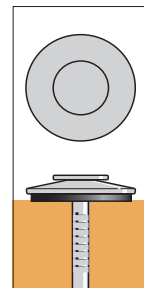
Flat Head with Checkered Texture



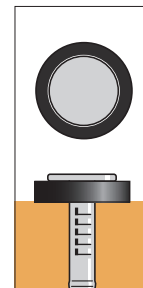
Finish Head



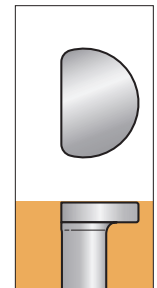
Pyramid Head



Flat Head with Bonded Washer



Flat Head with EPDM Washer



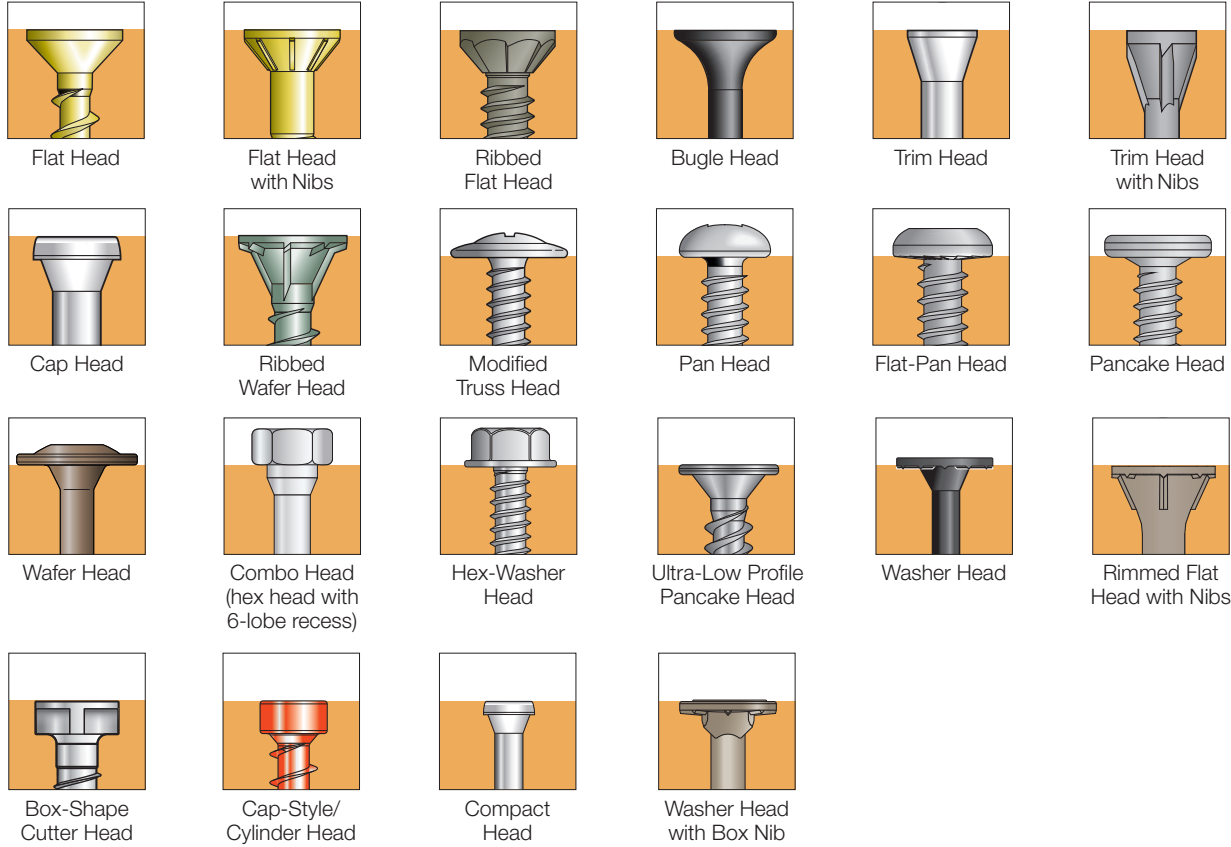
Clipped Head



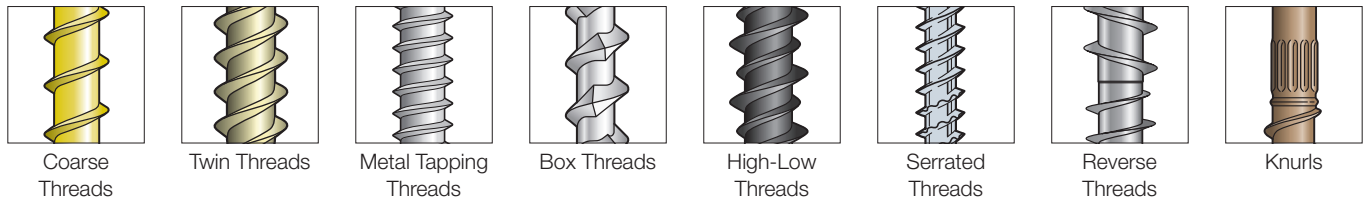
# Fastener Overview — Screw Features

General Information

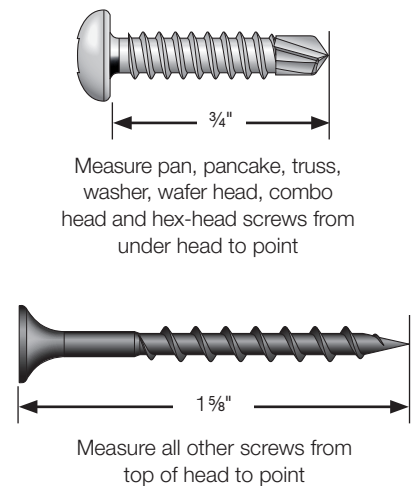
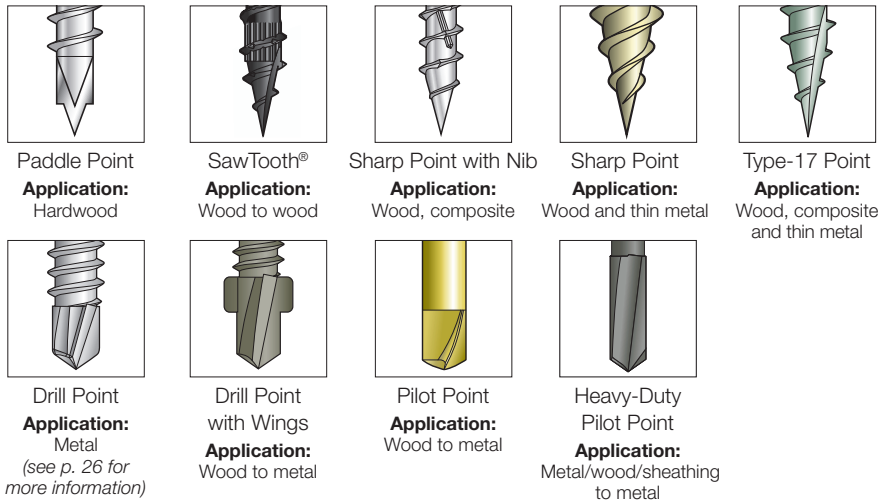
## Head Styles



## Thread Styles



## Point Styles



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# Color Guide for PVC/Composite Decking

For current information regarding color matching, visit [strongtie.com/deckcolormatch](http://strongtie.com/deckcolormatch).

General Information

| Deck Board Series        | Deck Board Color | Simpson Strong-Tie® Screw Color |
|--------------------------|------------------|---------------------------------|
| <b>Deckorators®</b>      |                  |                                 |
| Classic Decking          | Cedar            | Tan                             |
|                          | Gray             | Gray 01                         |
|                          | Redwood          | Red 01                          |
|                          | Walnut           | Tan 01                          |
| Distressed Decking       | Cherrywood       | Red / Red 01                    |
| Dock and Deck Board      | Brown            | Brown 01                        |
|                          | Gray             | Gray                            |
| Frontier Decking         | Prarie           | Red 01                          |
|                          | Summit           | Gray                            |
|                          | Woodland         | Brown 01                        |
| Heritage Decking         | Ciderhouse       | Brown 05                        |
|                          | Riverhouse       | Brown 01                        |
|                          | Smokehouse       | Gray 04                         |
| Picture Frame Deck Board | Dark Slate       | Gray 04                         |
| Porch Flooring           | Chicory          | Red 01                          |
|                          | Kettle           | Gray                            |
|                          | Macadamia        | Tan 02                          |
| Trailhead Decking        | Canyon           | Brown 01                        |
|                          | Pathway          | Brown 01                        |
|                          | Ridgeline        | Gray 04                         |
| Tropics Decking          | Hana Brown       | Brown 01                        |
|                          | Tidal Gray       | Gray 04                         |
| Vault Decking            | Dusk             | Gray                            |
|                          | Hickory          | Tan                             |
|                          | Mesquite         | Brown 05                        |
| Vista Decking            | Driftwood        | Gray                            |
|                          | Dunewood         | Tan 01                          |
|                          | Ironwood         | Tan 01                          |
|                          | Sandalwood       | Tan                             |
|                          | Silverwood       | Gray                            |
| Voyage Decking           | Costa            | Tan                             |
|                          | Khaya            | Brown 01                        |
|                          | Mesa             | Brown 01                        |
|                          | Sierra           | Gray                            |
| Tundra                   | Gray             |                                 |
| <b>DuraLife™</b>         |                  |                                 |
| Hardwoods Collection     | Brazilian Cherry | Red 01                          |
|                          | Garapa Grey      | Gray                            |
|                          | Golden Teak      | Tan 03                          |
|                          | Tropical Walnut  | Tan 01                          |
| Landscapes Collection    | Coastal Grey     | Gray 01                         |
|                          | Mahogany         | Red 01                          |
|                          | Pebble           | Tan                             |
|                          | Slate            | Gray 04                         |

| Deck Board Series           | Deck Board Color | Simpson Strong-Tie® Screw Color |
|-----------------------------|------------------|---------------------------------|
| <b>Evergrain® Envision®</b> |                  |                                 |
| Envision (Distinction)      | Grey Wood        | Gray                            |
|                             | Rustic Walnut    | Brown 01                        |
|                             | Shaded Auburn    | Red 01                          |
|                             | Spiced Teak      | Tan 01                          |
| Envision (Evergrain)        | Cape Cod Grey    | Gray                            |
|                             | Cedar            | Tan 03                          |
|                             | Redwood          | Red                             |
| Envision (Expression)       | Weathered Wood   | Tan 01                          |
|                             | Canyon Ridge     | Red 01                          |
|                             | Caribou Brown    | Brown 01                        |
|                             | Harbor Grey      | Gray                            |
| Envision (Inspiration)      | Woodland Bark    | Brown 01                        |
|                             | Barnwood Plank   | Brown 01                        |
|                             | Tangled Twine    | Tan 03                          |
| Envision (Ridge Premium)    | Weathered Wicker | Brown 01                        |
|                             | Black Walnut     | Brown 01                        |
|                             | Gunstock         | Brown 01                        |
| Vintage Oak                 | Red 01           |                                 |
| <b>Fiberon® Composite</b>   |                  |                                 |
| ArmorGuard                  | Brazilian Walnut | Brown 01                        |
|                             | Coastal Cedar    | Tan 03                          |
|                             | Nantucket Gray   | Gray 04                         |
|                             | Sandcastle       | Tan 03                          |
|                             | Seaside Gray     | Gray 04                         |
|                             | Beach House      | Gray 04                         |
| Good Life                   | Bungalow         | Tan 01                          |
|                             | Cabana           | Gray 01                         |
|                             | Cabin Solid      | Tan 01                          |
|                             | Cottage Solid    | Gray                            |
|                             | Tuscan Villa     | Tan 01                          |
|                             | Castle Gray      | Gray 01                         |
| Horizon                     | Ipe              | Tan 03                          |
|                             | Rosewood         | Red 01                          |
|                             | Tudor Brown      | Brown 01                        |
| Paramount PVC               | Brownstone       | Brown 05                        |
|                             | Flagstone        | Gray 01                         |
|                             | Mineral          | Gray 01                         |
|                             | Sandstone        | Gray 01                         |
| Promendae                   | Moonlit Cove     | Gray                            |
|                             | Natural Reef     | Tan 03                          |
|                             | Russet Dune      | Red 01                          |
|                             | Sandy Pier       | Tan 01                          |
|                             | Shaded Cay       | Gray 01                         |
|                             | Weathered Cliff  | Gray 04                         |
| ProTect Advantage           | Chestnut         | Tan 01                          |
|                             | Gray Birch       | Gray                            |
|                             | Western Cedar    | Tan 03                          |

| Deck Board Series                 | Deck Board Color   | Simpson Strong-Tie® Screw Color |
|-----------------------------------|--------------------|---------------------------------|
| <b>Fiberon® Composite (cont.)</b> |                    |                                 |
| Sanctuary                         | Chai               | Gray                            |
|                                   | Earl Grey          | Gray 04                         |
|                                   | Espresso           | Brown 01                        |
|                                   | Jatoba             | Tan 03                          |
|                                   | Latte              | Gray 01                         |
| Symmetry                          | Moringa            | Red 01                          |
|                                   | Burnt Umber        | Brown 01                        |
|                                   | Cinnabar           | Red                             |
|                                   | Graphite           | Gray 04                         |
|                                   | Warm Sienna        | Brown 05                        |
| <b>MoistureShield®</b>            |                    |                                 |
| Elevate                           | Alpine Gray        | Gray                            |
|                                   | Canoe              | Red 01                          |
|                                   | Lake Fog           | Gray                            |
|                                   | Riverbank          | Brown 01                        |
| Infuse                            | Harbor Gray        | Gray 04                         |
|                                   | Northern Hickory   | Tan 03                          |
|                                   | Rosewood           | Red 01                          |
|                                   | Rustic Timber      | Brown 01                        |
|                                   | Southern Barnwood  | Gray 04                         |
| Meridian                          | Citadel            | Gray                            |
|                                   | Mariner            | Red 01                          |
| Modernview                        | Amber              | Tan 03                          |
|                                   | Java               | Tan 01                          |
|                                   | Sand               | Tan 02                          |
|                                   | Slate              | Gray                            |
| Tawny                             | Brown 05           |                                 |
| Pro                               | Brazilian Chestnut | Red 01                          |
|                                   | Graystone          | Gray                            |
|                                   | Ipe                | Tan 01                          |
| Refine                            | Aurora Mist        | Gray                            |
|                                   | Golden Teak        | Tan 01                          |
| Vantage Collection                | Bridle             | Brown 05                        |
|                                   | Cape Cod Gray      | Gray                            |
|                                   | Desert Sand        | Tan 02                          |
|                                   | Earthtone          | Gray 01                         |
|                                   | Rustic Cedar       | Tan 03                          |
|                                   | Seasoned Mahogany  | Red                             |
| Tigerwood                         | Tan 01             |                                 |
| Walnut                            | Red 01             |                                 |
| Vision                            | Cathedral Stone    | Gray 01                         |
|                                   | Cold Brew          | Brown 01                        |
|                                   | Mochaccino         | Tan                             |
|                                   | Sandstone          | Gray 01                         |
|                                   | Smokey Gray        | Gray 04                         |
| Spanish Leather                   | Brown 01           |                                 |

# Color Guide for PVC/Composite Decking

For current information regarding color matching, visit [strongtie.com/deckcolormatch](http://strongtie.com/deckcolormatch).

| Deck Board Series      | Deck Board Color  | Simpson Strong-Tie® Screw Color |
|------------------------|-------------------|---------------------------------|
| <b>TimberTech AZEK</b> |                   |                                 |
| Arbor                  | Acacia            | Brown 01                        |
|                        | Autumn Chestnut   | Brown 05                        |
|                        | Brazilian Walnut  | Brown 01                        |
|                        | Hazelwood         | Gray 03                         |
|                        | Island Oak        | Gray                            |
|                        | Morado            | Tan 01                          |
|                        | Mountain Redwood  | Red 01                          |
|                        | Silver Oak        | Brown 05                        |
| Edge Prime             | Beachwood Gray    | Gray                            |
|                        | Dark Teak         | Red 01                          |
|                        | Maritime Gray     | Gray                            |
|                        | Tidal Sand        | Tan                             |
| Harvest                | Brownstone        | Tan                             |
|                        | Kona              | Brown 01                        |
|                        | Slate Gray        | Gray 01                         |
| Landmark               | American Walnut   | Brown 01                        |
|                        | Castle Gate       | Gray                            |
| Vintage                | Coastline         | Gray 01                         |
|                        | Cypress           | Tan 03                          |
|                        | Dark Hickory      | Gray 04                         |
|                        | English Walnut    | Tan 03                          |
|                        | Mahogany          | Tan 01                          |
|                        | Weathered Teak    | Tan                             |
| <b>TimberTech Edge</b> |                   |                                 |
| Prime+                 | Coconut Husk      | Brown 05                        |
|                        | Sea Salt Gray     | Gray                            |
| <b>TimberTech PRO</b>  |                   |                                 |
| DockSider              | Cedar             | Tan                             |
|                        | Gray              | Gray / Gray 01                  |
| Pro Legacy             | Ashwood           | Gray 01                         |
|                        | Espresso          | Gray                            |
|                        | Mocha             | Red 01                          |
|                        | Pecan             | Tan 01                          |
|                        | Sapele            | Tan 01                          |
|                        | Tigerwood         | Tan 01                          |
| Pro Terrain            | Brown Oak         | Tan 01                          |
|                        | Rustic Elm        | Brown 01                        |
|                        | Sandy Birch       | Tan 02                          |
|                        | Silver Maple      | Gray                            |
|                        | Stone Ash         | Gray                            |
| Pro Tropical           | Amazon Mist       | Gray 04                         |
|                        | Antiqua Gold      | Tan 03                          |
|                        | Antique Palm      | Tan 01                          |
|                        | Caribbean Redwood | Red 01                          |
| ReliaBoard             | Cedar             | Tan                             |
|                        | Gray              | Gray / Gray 01                  |

| Deck Board Series             | Deck Board Color | Simpson Strong-Tie® Screw Color |
|-------------------------------|------------------|---------------------------------|
| <b>TimberTech PRO (cont.)</b> |                  |                                 |
| Reserve                       | Antique Leather  | Brown 05                        |
|                               | Driftwood        | Gray 01                         |
|                               | Dark Roast       | Brown 01                        |
|                               | Storm Gray       | Gray 01                         |
| <b>Trex®</b>                  |                  |                                 |
| Classic Earth Tones           | Firepit          | Red 01                          |
|                               | Gravel Path      | Gray 01                         |
|                               | Rope Swing       | Tan 02                          |
|                               | Tree House       | Tan 01                          |
|                               | Vintage Lantern  | Brown 01                        |
| Enhance Basics                | Beach Dune       | Brown 05                        |
|                               | Clam Shell       | Gray                            |
|                               | Saddle           | Tan 01                          |
| Enhance Naturals              | Coastal Bluff    | Brown 01                        |
|                               | Foggy Wharf      | Gray                            |
|                               | Rocky Harbor     | Tan 02                          |
|                               | Sunset Cove      | Red 01                          |
| Select                        | Toasted Sand     | Tan 01                          |
|                               | Madeira          | Red                             |
|                               | Pebble Gray      | Gray                            |
|                               | Saddle           | Tan 03                          |
|                               | Winchester Grey  | Gray 04                         |
| Trex Transcend                | Woodland Brown   | Brown 01                        |
|                               | Havana Gold      | Tan 01                          |
|                               | Island Mist      | Gray                            |
|                               | Lava Rock        | Red 01                          |
|                               | Spiced Rum       | Tan 01                          |
| Tiki Torch                    | Tan 03           |                                 |

|          |
|----------|
| Brown 01 |
| Brown 05 |
| Gray     |
| Gray 01  |
| Gray 03  |
| Gray 04  |
| Red      |
| Red 01   |
| Tan      |
| Tan 01   |
| Tan 02   |
| Tan 03   |
| Tan 04   |
| White 01 |



# How Self-Drilling Screws Work

## Application

As their name implies, self-drilling screws operate on the same principles as drill bits and other cutting tools. For any cutting tool, performance is governed by cutting speed, feed rate, depth of cut and the work material itself. Therefore, installation performance of self-drilling screws can be linked to the basic cutting tool parameters. Suggested optimal parameter values are listed by nominal screw size in the table below.

**Point Geometry** is the designed shape of the screw's drill point.

**RPM** is the speed at which the driver motor runs while the screw is installed. This is often adjustable using a variable pull trigger or different driver motor.

**Applied Force** is a measure of the user applied force as the screw is installed. More force is not necessarily better.

**Work Material Hardness** can be viewed as a material's resistance to drilling or cutting. In most instances, the harder the work material, the more difficult it is to cut.

**Max. Grip Length** is the measurement from the bearing surface of the head (for pan head screws it is from the underside of the head, for flat head screws it is from the top of the head) to all but three threads that would protrude through the steel.

### Optimal Cutting Conditions by Screw Size

| Screw Size | Major Diameter (in.) | RPM*  | Applied Force* (lb.) | Work Material Hardness* |
|------------|----------------------|-------|----------------------|-------------------------|
| #6         | 0.138                | 2,200 | 80                   | 20 Rockwell "C"-scale   |
| #8         | 0.164                | 1,900 | 93                   |                         |
| #10        | 0.190                | 1,600 | 104                  |                         |
| #12        | 0.216                | 1,400 | 116                  |                         |
| #14        | 0.250                | 1,200 | 131                  |                         |
| #16        | 0.313                | 1,000 | 157                  |                         |

\*Suggested combined maximum values. Individual values may be increased if other, associated variables are decreased proportionally. Stated speeds may require a variable-speed screwdriver motor and a partial trigger-pull.

## Special Considerations

**Drill-Point Material** is generally plain carbon steel which is less stable at high temperatures than equivalent high-speed steel (HSS) drill-bits. To reduce wear on the drill point, fasten using a drill motor rather than an impact driver or hammer drill.

**High Temperature Stability** affects how quickly the drill point fails due to the heat generated by the drilling operation. Refer to the troubleshooting guide at the end of this section for some visual examples.

**Drilling Temperature** is directly proportional to motor RPM, applied force, and work material hardness. As each value increases, so does the heat generated by the drilling operation.

**Reducing Applied Force** can increase durability and allow the drill point to penetrate thicker materials (i.e., remove more material before failing due to heat buildup).

**Reducing Motor RPM** can improve performance in harder materials by allowing the user to push harder during the drilling process and extending the life of the drill point.

## Design Features

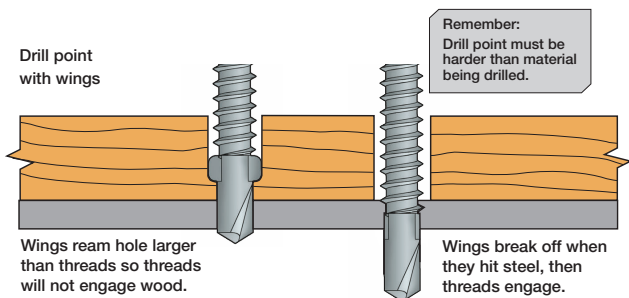
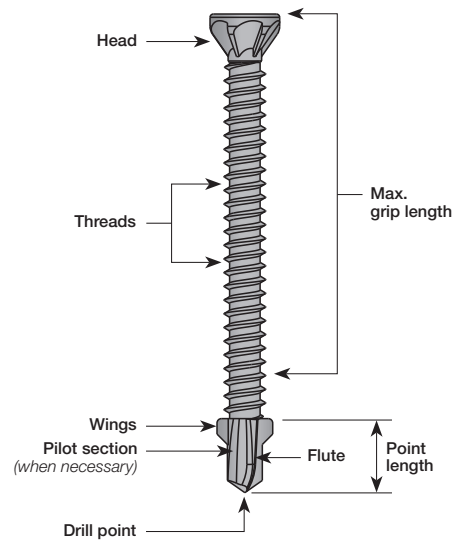
When selecting a self-drilling screw, consider the material thicknesses and types of materials to be joined. Following are some key design features to look for when selecting suitable fasteners.

**Drill Flutes** allow drilled material to exit the hole. Completely embedded flutes can no longer remove these chips, which contain approximately 80% of the heat created by the drilling process. A buildup of this material can cause the point to over-heat and fail.

**Point Length** determines the material thickness which the screw can reliably penetrate. The unthreaded portion of the point, (pilot section) must be able to completely drill through the material before the threads engage. If the threads engage before drilling is complete, the fastener can bind and break.

**Point Wings** are used on some screws that fasten thicker materials, such as wood, to metal. The wings enlarge the hole in the fastened material, allowing the threads to pass through without contacting the fastened material. This added clearance prevents separation of the fastened material from the base metal (known as "jacking"). The wings will break away on contact with the metal before the threads engage in the metal.

## Basic Self-Drilling Screw Anatomy



# How Self-Drilling Screws Work

## Work Material Thickness by Screw

| Screw Point Type | Screw Size | Suitable Material Thickness <sup>1</sup> (in.) |
|------------------|------------|--|
| #2               | #6         | 0.035 – 0.100                                  |
|                  | #8         | 0.035 – 0.100                                  |
|                  | #10        | 0.035 – 0.100                                  |
| #3, #5           | #8         | 0.100 – 0.140                                  |
|                  | #10        | 0.110 – 0.175                                  |
|                  | #12        | 0.110 – 0.210                                  |
| #3               | #14        | 0.110 – 0.220                                  |
| #4               | #12        | 0.175 – 0.250                                  |
|                  | #14        | 0.175 – 0.250                                  |
| #5               | #14        | 0.250 – 0.500                                  |

1. Total thickness of all steel, including any spacing between layers.




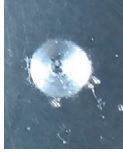
## Cold-Formed Steel Thicknesses for Framing Applications

| Gauge <sup>1</sup> | Mil <sup>2</sup> | Design Thickness |      | Minimum Thickness |      |
|--------------------|------------------|------------------|------|-------------------|------|
|                    |                  | in.              | mm   | in.               | mm   |
| 25                 | 18               | 0.0188           | 0.48 | 0.0179            | 0.45 |
| 22                 | 27               | 0.0283           | 0.72 | 0.0269            | 0.68 |
| 20 (Drywall)       | 30               | 0.0312           | 0.79 | 0.0296            | 0.75 |
| 20 (Structural)    | 33               | 0.0346           | 0.88 | 0.0329            | 0.83 |
| 18                 | 43               | 0.0451           | 1.15 | 0.0428            | 1.09 |
| 16                 | 54               | 0.0566           | 1.44 | 0.0538            | 1.37 |
| 14                 | 68               | 0.0713           | 1.81 | 0.0677            | 1.72 |
| 12                 | 97               | 0.1017           | 2.58 | 0.0966            | 2.45 |

1. For reference only.

2. One "mil" is 1/1,000 (0.001) of an inch. Mil thickness measures the uncoated base material.

## Self-Drilling Screw Troubleshooting Guide

| Failure Mode   | Likely Cause(s)  | Suggested Action  |
|--|--|---|
| <p><b>Split at point (web)</b></p>                            | Excessive force (feed) applied while drilling  | Reduce application force  |
| <p><b>Outer corners worn or melted</b></p>                    | Drill RPM (cutting speed) too high   | Use slower motor or partial trigger pull  |
| <p><b>Cutting edges chipping or breaking</b></p>              | Excessive force (feed) applied while drilling  | Reduce application force  |
| <p><b>Point melted or diameter significantly reduced</b></p>  | <ul style="list-style-type: none"> <li>• Work material too hard</li> <li>• Insufficient chip clearance</li> <li>• Excessive force (feed) applied while drilling</li> </ul> | <ul style="list-style-type: none"> <li>• Confirm work material specs</li> <li>• Choose screw with longer pilot section</li> <li>• Reduce application force</li> </ul>                       |
| <p><b>Screw spins without drilling a hole</b></p>             | <ul style="list-style-type: none"> <li>• Drill motor set on reverse</li> <li>• Work material too hard</li> <li>• Drill point blunted by handling</li> </ul>                | <ul style="list-style-type: none"> <li>• Check motor direction</li> <li>• Confirm work material specs</li> <li>• Inspect unused drill points for possible damage (from handling)</li> </ul> |





Finish Trim Screw

**Precision-engineered  
for any application.**





# Fastener Application Guide

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# Decks, Docks and Boardwalks



## Screws, Nails and Specialty

Strong-Drive®  
SDWS **FRAMING** Screw



Washer head with box nibs, Quik Guard® coating, p. 58

Strong-Drive  
SDWS **TIMBER** Screw (Exterior Grade)



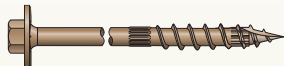
Washer head with nibs, double-barrier coating, p. 59

Strong-Drive  
SDWS **TIMBER SS** Screw



Flat washer head with nibs, Type 316 stainless steel, p. 60

Strong-Drive  
SDWH **TIMBER-HEX** Screw



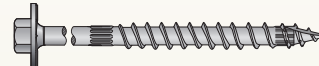
Hex-washer head with nibs, double-barrier coating, p. 61

Strong-Drive  
SDWH **TIMBER-HEX SS** Screw



Hex head, Type 316 stainless steel, p. 62

Strong-Drive  
SDWH **TIMBER-HEX HDG** Screw



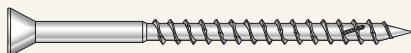
Hex-washer head with nibs, Class C hot-dip galvanized coating, p. 63

Deck-Drive™  
DSV **WOOD** Screw



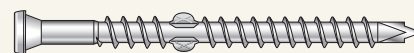
Rimmed flat head with nibs, Quik Guard coating, p. 76; collated\*, p. 218

Deck-Drive  
DWP **WOOD SS** Screw



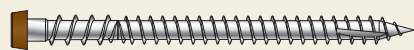
Flat with nibs and trim heads, Types 316 and 305 stainless steel, pp. 72–73, 74; painted head, Types 316 and 305 stainless steel, pp. 73, 75; collated\*, p. 219

Deck-Drive  
DHPD **HARDWOOD** Screw



Cap head, Type 305 stainless steel, p. 77; collated\*, p. 220

Deck-Drive  
DCU **COMPOSITE** Screw



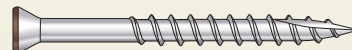
Cap head, Types 316 and 305 stainless steel, Quik Guard coating, pp. 90–91; collated\*, pp. 226–227. Available in different colors to match and blend with most major decking manufacturers, see pp. 24–25

Deck-Drive  
DCSD **COMPOSITE-TO-STEEL** Screw



Cap head, Quik Guard coating, p. 228. Available in different colors to match and blend with most major decking manufacturers, see pp. 24–25

Trim-Head Screw



Trim head, Types 316 and 305 stainless steel, p. 80; painted head, Types 316 and 305 stainless steel, pp. 81–82; collated\*, p. 222, sharp point, p. 221



# Decks, Docks and Boardwalks

## Screws, Nails and Specialty (cont.)

### Bugle-Head Wood Screw



Bugle head, Types 316 and 305 stainless steel, pp. 78–79; collated\*, p. 222

### Decking and General Wood Construction Nail



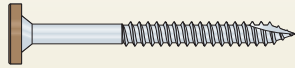
Types 316 and 304 stainless steel, pp. 135–136

### EB-TY® Premium



Includes EB-GUIDE and trim-head screws, pp. 88–89

### Fascia-Fastening Solution™



Counterbore bit sold separately, p. 94

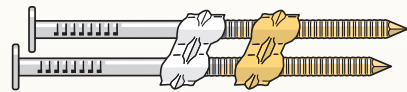
### Deck-Drive™ DCU Screw Plug Solution for Trex and Azek



Auto-Set Driver™ bit sold separately, pp. 92–93

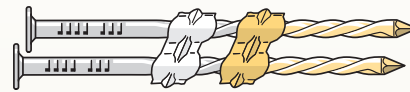
## Collated Nails

### 20°–22° Plastic Strip, Full Round Head, Ring-Shank Nail



Types 316 and 304 stainless steel and silicon bronze, pp. 160–161

### 20°–22° Plastic Strip, Full Round Head, Screw-Shank Nail



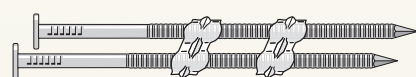
Types 316 and 304 stainless steel, pp. 162–163

### 20°–22° Plastic Strip, Casing Head, Ring-Shank Nail



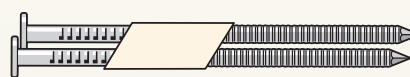
Type 304 stainless steel, p. 159

### 31°–34° Plastic Strip, Full Round Head, Ring-Shank Nail



Types 316 and 304 stainless steel and silicon bronze, p. 164

### 31°–34° Paper Tape, Clipped Head, Ring-Shank Nail



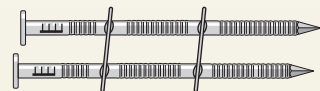
Types 316 and 304 stainless steel, p. 166

### 28° Wire Weld, Clipped Head, Ring-Shank Nail



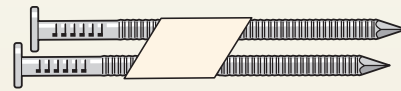
Type 304 stainless steel, p. 165

### 15° Wire Coil, Full Round Head, Ring-Shank Nail



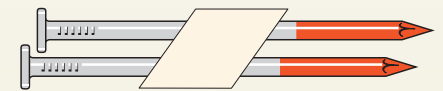
Types 316 and 304 stainless steel, p. 154

### Strong-Drive® 33° SCNR RING-SHANK CONNECTOR Nail



Type 316 stainless steel, p. 149

### Strong-Drive 33° SCN SMOOTH-SHANK CONNECTOR Nail



Class D hot-dip galvanized coating, bright, p. 148

\*Collated for the Quik Drive® system

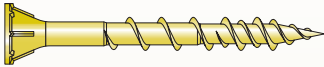


# Subfloor and Sheathing Applications



## Screws

Strong-Drive®  
WSV **SUBFLOOR** Screw



Wood-to-wood applications, yellow zinc coating, collated\*, p. 229

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



Wood-to-steel applications, drill point, Quik Guard® or yellow zinc coating, p. 118; collated\*, p. 239

Strong-Drive  
TF **WOOD-TO-STEEL** Screw



Wood-to-steel applications, black phosphate, p. 116; collated\*, p. 236

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



#4 drill point, black phosphate, mechanically galvanized coating, p. 115; collated\*, p. 235

WSHL  
Subfloor Screw



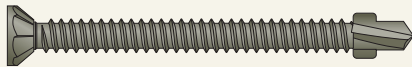
Wood-to-wood applications, gray phosphate coating, high-low threads, collated\*, p. 231

WSC  
Wood Screw



Wood-to-wood applications, yellow zinc coating, coarse thread, collated\*, p. 234

CBSDQ  
Sheathing-to-CFS Screw



Sheathing to cold-formed steel, Quik Guard coating, collated\*, p. 244

SSPCSD Screw  
Sheathing-to-Metal Screw



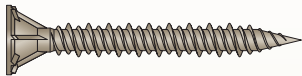
Sheathing to cold-formed steel, aluminum, light-gauge metal, collated\*, p. 238

# Underlayment and Backerboard Applications



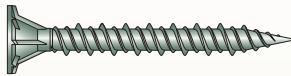
## Screws

**Cement Board Screw**



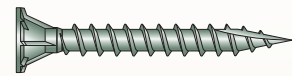
Cement board, multilayer coating, p. 108

**CB3BLGHL  
Cement Board Screw**



Cement board, C-3 mechanically galvanized coating, collated\*, p. 223

**CB3BLG  
Fiber-Cement Board Screw**



Cement board, C-3 mechanically galvanized coating, collated\*, p. 223

**DWF  
Drywall-to-CFS Screw**



Gypsum panel to steel, gray phosphate coating, collated\*, p. 244

**DWFSD  
Drywall-to-CFS Screw**



Gypsum panel to steel, yellow zinc coating, collated\*, p. 245

**DWC  
Drywall Screw**



Gypsum panel to wood, gray phosphate, yellow zinc or N2000 galvanized coating; collated\*, p. 231

**Strong-Drive  
WSV SUBFLOOR Screw**



Wood-to-wood applications, yellow zinc coating, collated\*, p. 229

**MTH  
Underlayment Screw**



Wood underlayment, gray phosphate, yellow zinc coating, collated\*, p. 232

\*Collated for the Quik Drive® system

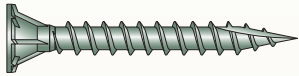
# Siding on Wood and Steel



## Screws

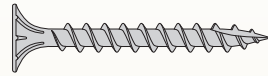
### Siding on Wood

CB3BLG Fiber-Cement Board Screw



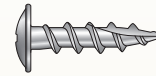
C-3 galvanized coating, collated\*, p. 223

Fiber-Cement Screw



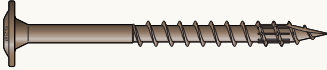
Type 316 stainless steel, p. 108

Wire-Lath Modified Truss-Head Screw



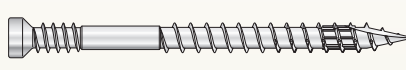
Type 305 stainless steel, p. 109

Wafer-Head Construction Screw



Domed wafer head, Quik Guard® coating, p. 83

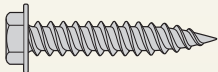
Finish Trim Screw



Type 316 stainless steel or Quik Guard coating, p. 84

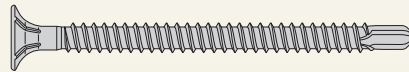
### Siding on Steel

Metal-Panel Screw



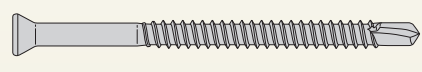
Washer head, Type 316 stainless steel, p. 119

Self-Drilling Fiber-Cement Screw



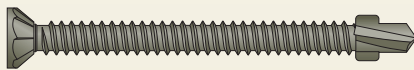
Type 410 stainless steel, p. 124

Self-Drilling Siding Screw



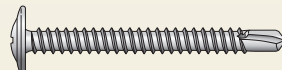
Type 410 stainless steel, p. 126

CBSDQ Sheathing-to-CFS Screw



#2 drill point, Quik Guard coating, collated\*, p. 244

Self-Drilling Wire-Lath Modified Truss-Head Screw



Type 410 stainless steel, p. 128



# Siding on Wood and Steel

## Nails

Siding, Trim, Shake and Shingle Nail



Types 316 and 304 stainless steel, p. 138

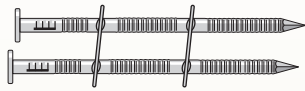
Painted Siding Nail



Types 316 and 304 stainless steel, p. 142

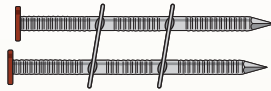
## Collated Nails and Staples

15° Wire Coil, Full Round Head, Ring-Shank Nail



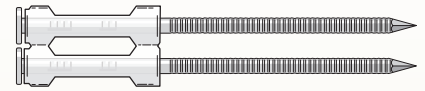
Types 316 and 304 stainless steel, p. 153

15° Wire Coil, Painted, Full Round Head, Ring-Shank Nail



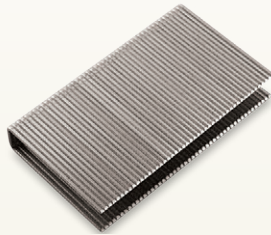
Type 304 stainless steel, p. 154

0° and 15° Inserted Plastic Coil, Full Round Checkered Head, Ring-Shank Nail



Types 316 and 304 stainless steel, aluminum, pp. 150–152

3/16" Crown, 16 Gauge Staple



Types 316 and 304 stainless steel, p. 177

1/2" Crown, 16 Gauge Staple



Types 316 and 304 stainless steel, p. 175

# Roofing



## Screws and Nails

### Shake, Shingle, Siding

Siding, Trim, Shake and Shingle Nail



Types 316 and 304 stainless steel, pp. 138, 143

### Tile, Slate

Roofing Nail — Annular Ring Shank



Types 316 and 304 stainless steel, copper and aluminum, p. 144

WSCT Roofing Tile Screw



Meets ASTM A641 Class 1 standard, heavy-zinc electroplate coating, collated\*, p. 225

WSTD Roofing Tile Screw



Corrosion-resistant exterior coating, Miami-Dade compliant, p. 225

SSWSCB Roofing Tile Screw



Type-17 point, Type 305 stainless steel, collated\*, p. 224

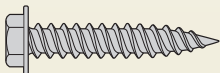
Bugle-Head Wood Screw



Type 304 stainless steel, pp. 78-79

### Metal

Metal-Panel Screw



Washer head, Type 316 stainless steel, p. 119

Metal-Panel Screw with EPDM Washer



Type 316 stainless steel, p. 119

Specialty Nail



Type 304 stainless steel, p. 141

# Roofing

## Screws and Nails (cont.)

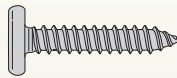
### Metal (cont.)

Specialty Nail — Annular Ring-Shank



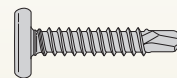
Types 316 and 304 stainless steel, p. 141

Pancake-Head Screw



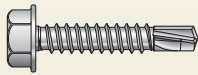
Type 410 stainless steel, p. 109

Self-Drilling Pancake-Head Screw



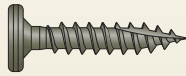
Type 410 stainless steel, p. 122

Strong-Drive®  
Self-Drilling X Metal Screw



5/16" hex head, Quik Guard® and clear zinc coating, pp. 113, 242

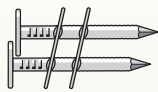
PC Screw



Type-17 point, clear zinc or Quik Guard coating and Type 410 stainless steel, collated\*, p. 233

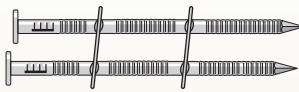
## Collated Nails and Staples

15° Wire Coil, Full Round Head,  
Smooth-Shank Roofing Nail



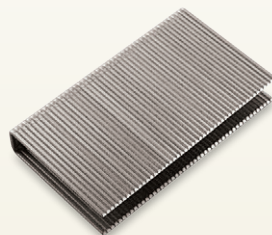
Types 316 and 304 stainless steel, p. 156

15° Wire Coil, Full Round Head,  
Ring-Shank Roofing Nail



Types 316 and 304 stainless steel, p. 155

7/16" Crown, 16-Gauge Staple



Types 316 and 304 stainless steel, p. 177

1/2" Crown, 16-Gauge Staple



Type 316 stainless steel, p. 175

\*Collated for the Quik Drive® system



# Wood Framing



## Screws

### Interior

Strong-Drive®  
SDWS **TIMBER** Screw (Interior Grade)



Washer head with nibs, E-coat® coating, p. 102

Strong-Drive  
SDW **TRUSS-PLY** Screw



Washer head with nibs, E-coat coating, p. 101

Strong-Drive  
SDW **EWP-PLY** Screw



Washer head with nibs, E-coat coating, p. 100

Strong-Drive  
SDWV **SOLE-TO-RIM** Screw



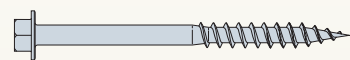
Rimmed flat head, E-coat coating, p. 107

Strong-Drive  
SDWF **FLOOR-TO-FLOOR** Screw



Black E-coat coating, p. 106

Strong-Drive  
SD **CONNECTOR** Screw



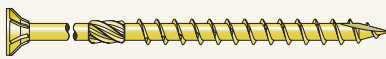
Mechanically galvanized coating, p. 69

Strong-Drive  
SDWC **TRUSS** Screw



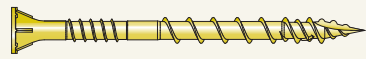
Clear zinc coating (with orange topcoat), p. 103

Strong-Drive  
SDCP **TIMBER-CP** Screw



Flat head with nibs, yellow zinc coating, p. 98

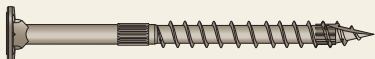
CSV  
Construction Screw



Rimmed flat head with nibs, yellow zinc coating, p. 95

### Exterior

Strong-Drive  
SDWS **FRAMING** Screw



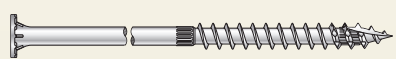
Washer head with box nibs, Quik Guard® coating, p. 58

Strong-Drive  
SDWS **TIMBER** Screw (Exterior Grade)



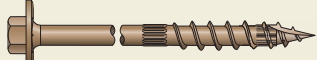
Washer head with nibs, double-barrier coating, p. 59

Strong-Drive  
SDWS **TIMBER SS** Screw



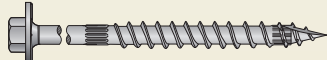
Flat washer head with nibs, Type 316 stainless steel, p. 60

Strong-Drive  
SDWH **TIMBER-HEX** Screw



Hex-washer head with nibs, double-barrier coating, p. 61

Strong-Drive  
SDWH **TIMBER-HEX HDG** Screw



Hex-washer head with nibs, Class C hot-dip galvanized coating, p. 63

Strong-Drive  
SDWH **TIMBER-HEX SS** Screw



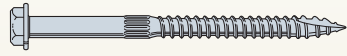
Type 316 stainless steel, p. 62

# Wood Framing

## Screws (cont.)

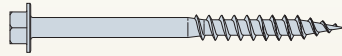
### Exterior (cont.)

Strong-Drive®  
SDS **HEAVY-DUTY CONNECTOR** Screw



Type 316 stainless steel and double-barrier coating, p. 68

Strong-Drive  
SD **CONNECTOR** Screw



Mechanically galvanized, p. 69

Strong-Drive  
SD **CONNECTOR SS** Screw



Type 316 stainless steel, p. 70

Deck-Drive™ DSV **WOOD** Screw



Rimmed flat head with nibs, Quik Guard® coating, p. 76; collated\*, p. 218

Wafer-Head Construction Screw



Domed wafer head, Quik Guard coating, p. 83

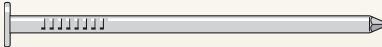
## Nails

General Wood — Ring Shank



Types 316 and 304 stainless steel, p. 135

General Wood — Smooth Shank



Types 316 stainless steel, hot-dip galvanized coating, p. 137

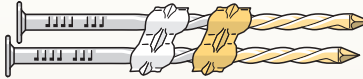
## Collated Nails

20°–22° Plastic Strip,  
Full Round Head, Ring-Shank Nail



Types 316 and 304 stainless steel, pp. 160–161

20°–22° Plastic Strip,  
Full Round Head, Screw-Shank Nail



Types 316 and 304 stainless steel, pp. 162–163

20°–22° Plastic Strip,  
Casing Head, Ring-Shank Nail



Type 304 stainless steel, p. 159

28° Wire Weld,  
Clipped Head, Ring-Shank Nail



Type 304 stainless steel, p. 165

31°–34° Plastic Strip,  
Full Round Head, Ring-Shank Nail



Types 316 and 304 stainless steel, p. 164

31°–34° Paper Tape,  
Clipped Head, Ring-Shank Nail



Types 316 and 304 stainless steel, p. 166

Strong-Drive® 33° SCNR  
**RING-SHANK CONNECTOR** Nail



Type 316 stainless steel, p. 149

Strong-Drive 33° SCN  
**SMOOTH-SHANK CONNECTOR** Nail



Class D hot-dip galvanized coating, bright, p. 148

15° Wire Coil, Full Round Head,  
Ring-Shank Nail



Types 316 and 304 stainless steel, p. 153

\*Collated for the Quik Drive® system

# Mass Timber / Cross-Laminated Timber (CLT)



## Screws

### Interior

Strong-Drive®  
SDWS **TIMBER** Screw (Interior Grade)



Washer head with nibs, E-coat® coating, p. 102

Strong-Drive  
SDWV **SOLE-TO-RIM** Screw



Rimmed flat head, E-coat coating, p. 107

Strong-Drive  
SDW **EWP-PLY** and **TRUSS-PLY** Screws



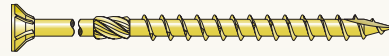
Black E-coat coating, washer head with nibs, pp. 100–101

Strong-Drive  
SDCF **TIMBER-CF** Screw



Countersunk flat head, fully threaded, yellow zinc coating, p. 96

Strong-Drive  
SDCP **TIMBER-CP** Screw



Countersunk flat head, partially threaded, yellow zinc coating, p. 98

Strong-Drive  
WSV **SUBFLOOR** Screw



Yellow zinc coating, p. 229

Strong-Drive  
SDCFC **TIMBER-CFC** Screw



Countersunk cylinder head, fully threaded, yellow zinc coating, p. 97

Strong-Drive  
SDWC **TRUSS** Screw



Clear zinc coating (with orange topcoat), p. 103

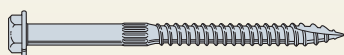
Strong-Drive  
SDHR **COMBO-HEAD** Screw



Blue-bright zinc coating, p. 99

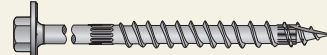
### Exterior

Strong-Drive  
SDS **HEAVY-DUTY CONNECTOR** Screw



Type 316 stainless steel and double-barrier coating, p. 68

Strong-Drive  
SDWH **TIMBER-HEX HDG** Screw



Class C hot-dip galvanized coating, p. 63

Strong-Drive  
SDWH **TIMBER-HEX** Screw



Washer head, double-barrier coating, p. 61

Strong-Drive  
SDWS **TIMBER** Screw (Exterior Grade)



Washer head with nibs, double-barrier coating, p. 59

**NOTE:** For more information on Simpson Strong-Tie mass timber solutions, see the *Connectors and Fasteners for Mass Timber Construction* catalog at [strongtie.com](http://strongtie.com).

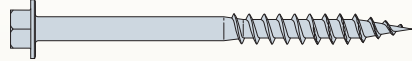


# Fasteners for Simpson Strong-Tie® Connectors



## Screws and Nails

Strong-Drive®  
SD **CONNECTOR** Screw



Mechanically galvanized, p. 69

Strong-Drive  
SD **CONNECTOR SS** Screw



Type 316 stainless steel, p. 70

Strong-Drive  
SDS **HEAVY-DUTY CONNECTOR** Screw



Double-barrier coating, Type 316 stainless steel, p. 68

Outdoor Accents® Structural Wood Screw



Black double-barrier coating, p. 65

Outdoor Accents Connector Screw



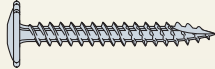
Black double-barrier coating, p. 67

Outdoor Accents Hex-Head Washer



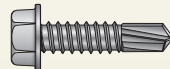
Quik Guard® coating, p. 66

Wafer-Head Screw



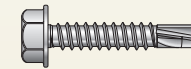
Clear zinc coating, p. 107

Self-Drilling E Metal Screw



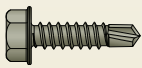
Cold-formed steel framing, p. 114

Strong-Drive Self-Drilling X Metal Screw



5/16" hex head, Quik Guard and clear zinc coating, collated\*, p. 113

Strong-Drive XE **EXTERIOR STRUCTURAL METAL** Screw



5/16" hex head, Quik Guard coating, p. 114

Strong-Drive SCNR **RING-SHANK CONNECTOR** Nail



Type 316 stainless steel, p. 133

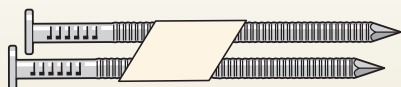
Strong-Drive SCN **SMOOTH-SHANK CONNECTOR** Nail



Hot-dip galvanized coating, bright, p. 132

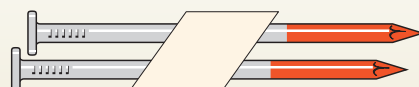
## Collated Nails

Strong-Drive  
33° SCNR **RING-SHANK CONNECTOR** Nail



Type 316 stainless steel, p. 149

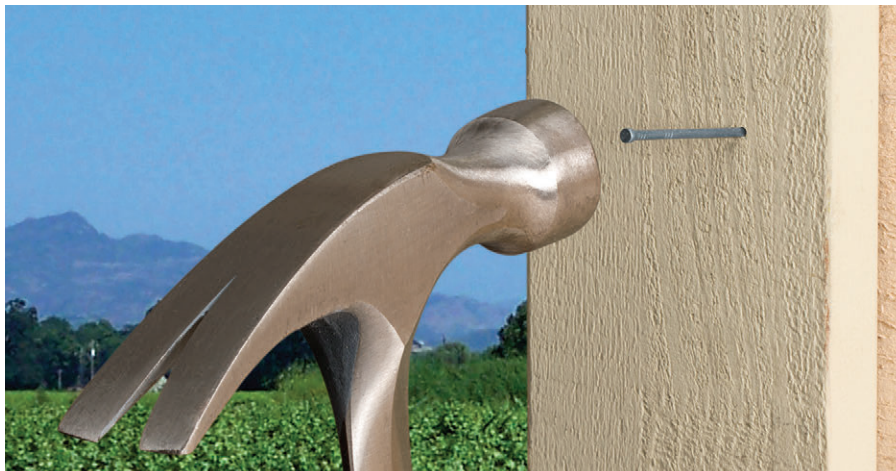
Strong-Drive  
33° SCN **SMOOTH-SHANK CONNECTOR** Nail



Class D hot-dip galvanized coating, bright, p. 148

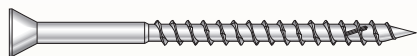
\*Collated for the Quik Drive® system

# Finishing, Millwork and Trim



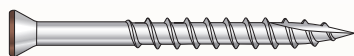
## Screws and Nails

Deck-Drive™ DWP **WOOD SS** Screw



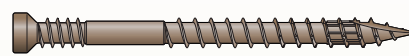
Trim head, Types 305 and 316 stainless steel, pp. 74–75

Trim-Head Screw



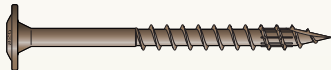
Types 316 and 305 stainless steel, p. 80; painted head, Types 316 and 305 stainless steel, pp. 81–82

Finish Trim Screw



Type 316 stainless steel, Quik Guard® coating, p. 84

Wafer Head Construction Screw



Domed wafer head, Quik Guard coating, p. 83

PVC Trim-Board Screw



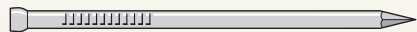
White exterior-grade coating, p. 85

Siding, Trim, Shake and Shingle Nail



Type 316 stainless steel, p. 142

Finishing Nail



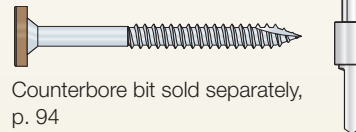
Types 316 and 304 stainless steel, p. 140

Deck-Drive DCU Screw Plug Solution



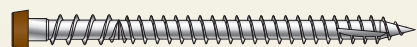
Auto-Set Driver™ bit sold separately, pp. 92–93

Fascia-Fastening Solution™



Counterbore bit sold separately, p. 94

Deck-Drive DCU **COMPOSITE** Screw



Cap head, Types 316 and 305 stainless steel, Quik Guard coating, pp. 90–91; collated\*, pp. 226–227. Available in different colors to match and blend with most major decking manufacturers, see pp. 24–25

# Finishing, Millwork and Trim

## Collated Nails

20° Adhesive Collation  
T-Style Head Angle Finishing Nail



16 gauge, Types 316 and 304 stainless steel, p. 167

25° Adhesive Collation  
FN-Style Head Angle Finishing Nail



15 gauge, Types 316 and 304 stainless steel, p. 168

16-Gauge Straight Adhesive  
Collation T-Style Head Finishing Nail



Types 316 and 304 stainless steel, p. 170

18-Gauge Straight Adhesive  
Collation T-Style Head Brads



Types 316 and 304 stainless steel, p. 171

Adhesive Collation Straight  
Headless Micro Pins



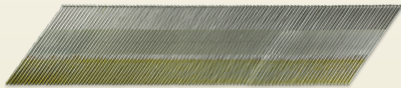
23 gauge, Type 304 stainless steel, p. 172

15° Inserted Plastic Coil, White  
Full Round Head, Ring-Shank Nail



Types 316 and 304 stainless steel, p. 152

DA-Style Angle, 15-Gauge Finishing Nail



Type 304 stainless steel, p. 169

## Collated Staples

¼" Crown, 18-Gauge Staple



Types 316 and 304 stainless steel, p. 176



# Fencing



## Screws and Nails

Strong-Drive®  
SDWS **FRAMING** Screw



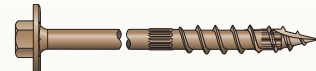
Washer head with box nibs, Quik Guard® coating, p. 58

Strong-Drive  
SDWS **TIMBER** Screw (Exterior Grade)



Washer head with nibs, double-barrier coating, p. 59

Strong-Drive  
SDWH **TIMBER-HEX** Screw



Hex-washer head with nibs, double-barrier coating, p. 61

Strong-Drive  
SDWS **TIMBER SS** Screw



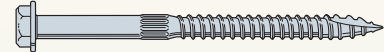
Rimmed flat head with nibs, Type 316 stainless steel, p. 60

Strong-Drive  
SDWH **TIMBER-HEX SS** Screw



Hex head, Type 316 stainless steel, p. 62

Strong-Drive  
SDS **HEAVY-DUTY CONNECTOR** Screw



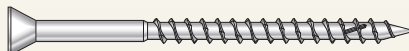
Hex head, double-barrier coating, Type 316 stainless steel, p. 68

Deck-Drive™ DSV **WOOD** Screw



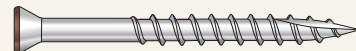
Rimmed flat head with nibs, Quik Guard coating, p. 76; collated\*, p. 218

Deck-Drive DWP **WOOD SS** Screw



Flat and trim heads, Types 316 and 305 stainless steel, pp. 72–73, 74; painted head, Types 316 and 305 stainless steel, pp. 73, 74; collated\*, p. 219

Trim-Head Screw



Trim head, Types 316 and 305 stainless steel, p. 80; painted head, Types 316 and 305 stainless steel, pp. 81–82; collated\*, pp. 221–222

Bugle-Head Wood Screw



Bugle head, Types 316 and 305 stainless steel, pp. 78–79; collated\*, p. 222

WSC Wood Screw



Flat head, N2000® coating, collated\*, p. 234

Wafer-Head Construction Screw



Domed wafer head, Quik Guard coating, p. 83

# Fencing

## Collated Nails

20°–22° Plastic Strip, Full Round Head, Ring-Shank Nail



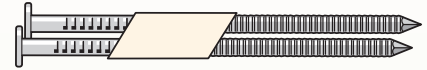
Types 316 and 304 stainless steel, pp. 160–161

28° Wire Weld, Clipped Head, Ring-Shank Nail



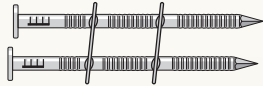
Type 304 stainless steel, p. 165

31°–34° Paper Tape, Clipped Head, Ring-Shank Nail



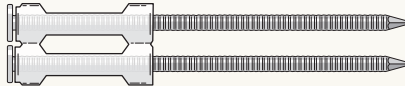
Types 316 and 304 stainless steel, p. 166

15° Wire Coil, Full Round Head, Ring-Shank Nail



Types 316 and 304 stainless steel, pp. 157–158

0° and 15° Inserted Plastic Coil, Full Round Checkered Head, Ring-Shank Nail



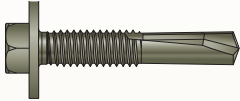
Types 316 and 304 stainless steel, pp. 150–151

# Fastening to Metal



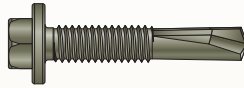
## Screws

Strong-Drive®  
XL **LARGE-HEAD METAL** Screw



5/16" hex head, Quik Guard® coating, p. 111; collated\*, p. 240

Strong-Drive  
XM **MEDIUM-HEAD METAL** Screw



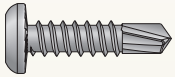
5/16" hex head, Quik Guard coating, p. 112; collated\*, p. 241

Strong-Drive XE **EXTERIOR STRUCTURAL METAL** Screw



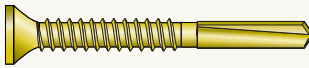
5/16" hex head, Quik Guard coating, p. 114

Strong-Drive  
FPHSD **FRAMING-TO-CFS** Screw



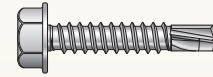
Flat-pan head, clear zinc coating, p. 117; collated\*, p. 237

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



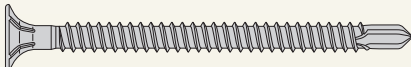
Subfloor to CFS screw Quik Guard and yellow zinc coating, p. 118; collated\*, p. 239

Strong-Drive  
Self-Drilling X Metal Screw



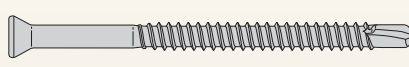
5/16" hex head, Quik Guard and clear zinc coating, p. 113; collated\*, p. 242

Self-Drilling  
Fiber-Cement Screw



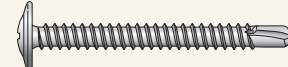
Type 410 stainless steel, p. 125

Self-Drilling  
Siding Screw



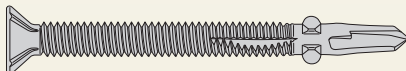
Type 410 stainless steel, p. 126

Self-Drilling  
Wire-Lath Modified Truss-Head Screw



Type 410 stainless steel, p. 128

Self-Drilling  
Flat-Head Screw with Wings



Type 410 stainless steel, p. 125

Strong-Drive  
TF **WOOD-TO-STEEL** Screw



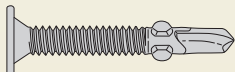
Black phosphate, p. 116; collated\*, p. 236

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



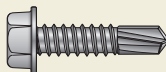
#4 drill point, black phosphate, mechanically galvanized coating, p. 115; collated\*, p. 235

Self-Drilling  
Wafer-Head Screw with Wings



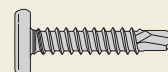
Type 410 stainless steel, p. 127

Self-Drilling  
E Metal Screw



Cold-formed steel framing, p. 114

Self-Drilling  
Pancake-Head Screw



Type 410 stainless steel, p. 122



# Fastening to Metal

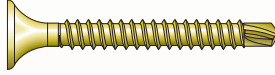
## Screws (cont.)

**FHSD**  
Wood-to-CFS Screw



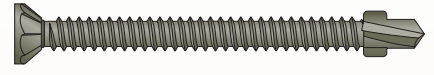
#2 drill point, Type 410 stainless steel, collated\*, p. 246

**DWFSD**  
Drywall-to-CFS Screw



Drywall to steel, #2 point, yellow zinc coating (54, 43 mil / 16, 18 ga.), collated\*, p. 245

**CBSDQ**  
Sheathing-to-CFS Screw



Sheathing to steel, #2 drill point, Quik Guard coating, collated\*, p. 244

**DWF**  
Drywall-to-CFS Screw



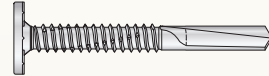
Drywall to steel, gray phosphate coating (33, 27, 18 mil / 20, 22, 25 ga.), collated\*, p. 244

**WSFLRV**  
Wood-to-CFS/Aluminum Screw



Wood-to-light gauge metal, yellow zinc coating, Type-17 point, collated\*, p. 247

**SSPCSD**  
Screw



Pancake head, Type 410 stainless steel, collated\*, p. 238

\*Collated for the Quik Drive® system

# Heavy Timber Construction



## Screws

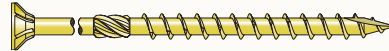
### Interior

Strong-Drive®  
SDWS **TIMBER** Screw (Interior Grade)



Washer head with nibs, E-coat® coating, p. 102

Strong-Drive  
SDCP **TIMBER-CP** Screw



Countersunk flat head, partially threaded, yellow zinc coating, p. 98

Strong-Drive  
SDCF **TIMBER-CF** Screw



Countersunk flat head, fully threaded, yellow zinc coating, p. 96

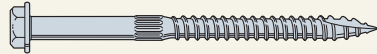
Strong-Drive  
SDCFC **TIMBER-CFC** Screw



Countersunk cylinder head, fully threaded, yellow zinc coating, p. 97

### Exterior

Strong-Drive  
SDS **HEAVY-DUTY CONNECTOR** Screw



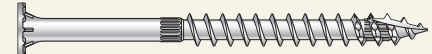
Hex head, double-barrier coating, Type 316 stainless steel, p. 68

Strong-Drive  
SDWS **TIMBER** Screw (Exterior Grade)



Washer head with nibs, double-barrier coating, p. 59

Strong-Drive  
SDWS **TIMBER SS** Screw



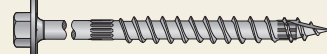
Flat washer head with nibs, Type 316 stainless steel, p. 60

Strong-Drive  
SDWH **TIMBER-HEX** Screw



Washer head, double-barrier coating, p. 61

Strong-Drive  
SDWH **TIMBER-HEX HDG** Screw



Class C hot-dip galvanized coating, p. 63

Strong-Drive  
SDWS **FRAMING** Screw



Washer head with box nibs, Quik Guard® coating, p. 58

Strong-Drive  
SD **CONNECTOR SS** Screw



Type 316 stainless steel, p. 70

Strong-Drive  
SD **CONNECTOR** Screw



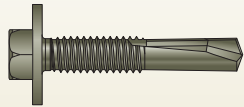
Mechanically galvanized coating, p. 69

# Steel Decking



## Screws

Strong-Drive®  
XL **LARGE-HEAD METAL** Screw



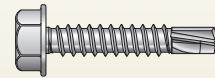
5/16" hex head, Quik Guard® coating, p. 111; collated\*, p. 240

Strong-Drive  
XM **MEDIUM-HEAD METAL** Screw



5/16" hex head, Quik Guard coating, p. 112; collated\*, p. 241

Strong-Drive  
Self-Drilling X Metal Screw



5/16" hex head, Quik Guard and clear zinc coating, p. 113; collated\*, p. 242

## Truss-Ply / EWP-Ply Fastening Applications (Interior)



## Screws

Strong-Drive  
SDW **TRUSS-PLY** Screw



EWP-Ply fastening, washer head with nibs. E-coat® coating, p. 101

Strong-Drive  
WSV **SUBFLOOR** Screw



Wood-to-wood applications, yellow zinc coating, collated\*, p. 229

Strong-Drive  
SDW **EWP-PLY** Screw



Washer head with nibs, E-coat coating, p. 100

\*Collated for the Quik Drive® system



# Drywall and Exterior Gypsum Sheathing Applications



## Screws

DWC  
Drywall Screw



Drywall to wood, gray phosphate or N2000® coating, collated\*, p. 231

DWF  
Drywall-to-CFS Screw



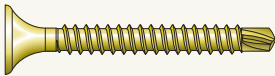
Drywall to steel, gray phosphate coating (33, 27, 18 mil / 20, 22, 25 ga.), collated\*, p. 244

DWHL  
Drywall Screw



High-low threads, gray phosphate coating, collated\*, p. 232

DWFSD  
Drywall-to-CFS Screw



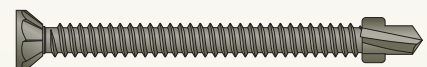
Drywall to CFS, Quik Guard® or yellow zinc coating, collated\*, p. 245

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



Wood-to-steel applications, drill point, Quik Guard or yellow zinc coating, p. 118; collated\*, p. 239

CBSDQ  
Sheathing-to-CFS Screw



Sheathing to cold-formed steel, Quik Guard coating, collated\*, p. 244

# Crating



## Screws

Strong-Drive®  
SDWS **FRAMING** Screw



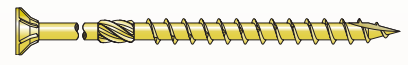
Washer head with box nibs, Quik Guard® coating, p. 58

Strong-Drive  
SDWS **TIMBER** Screw (Exterior Grade)



Washer head with nibs, double-barrier coating, p. 59

Strong-Drive  
SDCP **TIMBER-CP** Screw



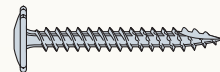
Countersunk flat head, yellow zinc coating, p. 98

Strong-Drive  
SDWS **TIMBER** Screw (Interior Grade)



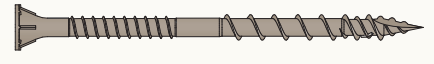
Washer head with nibs, E-coat® coating, p. 102

Wafer-Head Screw



Clear zinc coating, p. 107

Deck-Drive™  
DSV **WOOD** Screw



Rimmed flat head with nibs, Quik Guard coating, p. 76; collated\*, p. 218

CSV  
Construction Screw



Rimmed flat head with nibs, yellow zinc coating, p. 95

WSC  
Wood Screw



Wood-to-wood applications, yellow zinc coating, coarse thread, collated\*, p. 234

DWC  
Drywall Screw



Drywall to wood, gray phosphate coating, collated\*, p. 231

Strong-Drive  
WSV **SUBFLOOR** Screw



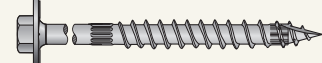
Wood-to-wood applications, yellow zinc coating, collated\*, p. 229

WSHL  
Subfloor Screw



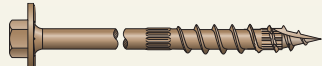
Wood-to-wood applications, gray phosphate coating, high-low threads, collated\*, p. 231

Strong-Drive  
SDWH **TIMBER-HEX HDG** Screw



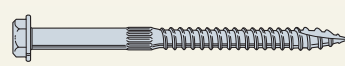
Hex-washer head with nibs, Class C hot-dip galvanized coating, p. 63

Strong-Drive  
SDWH **TIMBER-HEX** Screw



Hex-washer head with nibs, double-barrier coating, p. 61

Strong-Drive  
SDS **HEAVY-DUTY CONNECTOR** Screw



Hex head, double-barrier coating, Type 316 stainless steel, p. 68

Wafer Head  
Construction Screw



Domed wafer head, Quik Guard coating, p. 83

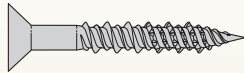
\*Collated for the Quik Drive® system

# Boat Building / Marine Trade



## Screws

Marine Screw Flat Head



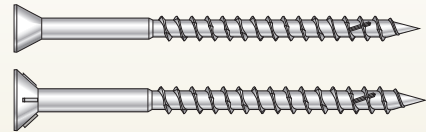
Type 316 stainless steel, p. 87

Marine Screw Pan Head



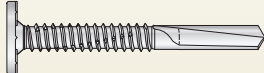
Type 316 stainless steel, p. 86

Deck-Drive™  
DWP **WOOD SS** Screw



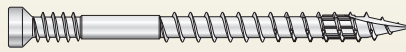
Flat with nibs and trim heads, Types 316 and 305 stainless steel, pp. 72–73, 74; painted head, Types 316 and 305 stainless steel, pp. 73, 74; collated\*, p. 219

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Pancake head, Type 410 stainless steel, collated\*, p. 238

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Type 316 stainless steel, Quik Guard® coating, p. 84

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Roofing – Annular Ring Shank



Type 316 stainless steel, p. 144

Finishing Nail



Type 316 stainless steel, p. 140

Decking and General Wood Construction Nail



Types 316 and 304 stainless steel, p. 135

Decking and General Wood Construction Nail



Type 316 stainless steel, p. 137



# Boat Building / Marine Trade

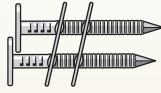
## Collated Nails

20°–22° Plastic Strip, Full Round Head, Ring-Shank Nail



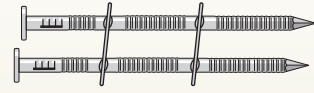
Types 316 and 304 stainless steel, pp. 160–161

15° Wire Coil, Full Round Head, Roofing Nail



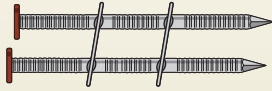
Types 316 and 304 stainless steel, p. 155

15° Wire Coil, Full Round Head, Ring-Shank Nail



Types 316 and 304 stainless steel, pp. 157–158

15° Wire Coil, Painted, Full Round Head, Ring-Shank Nail



Type 304 stainless steel, p. 154

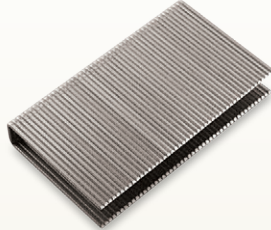
0° and 15° Inserted Plastic Coil, Full Round Checkered Head, Ring-Shank Nail



Types 316 and 304 stainless steel, aluminum, pp. 150–152

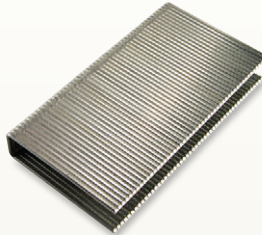
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7/16" Crown, 16 Gauge Staple



Types 316 and 304 stainless steel, p. 177

1/2" Crown, 16 Gauge Staple



Types 316 and 304 stainless steel, p. 175

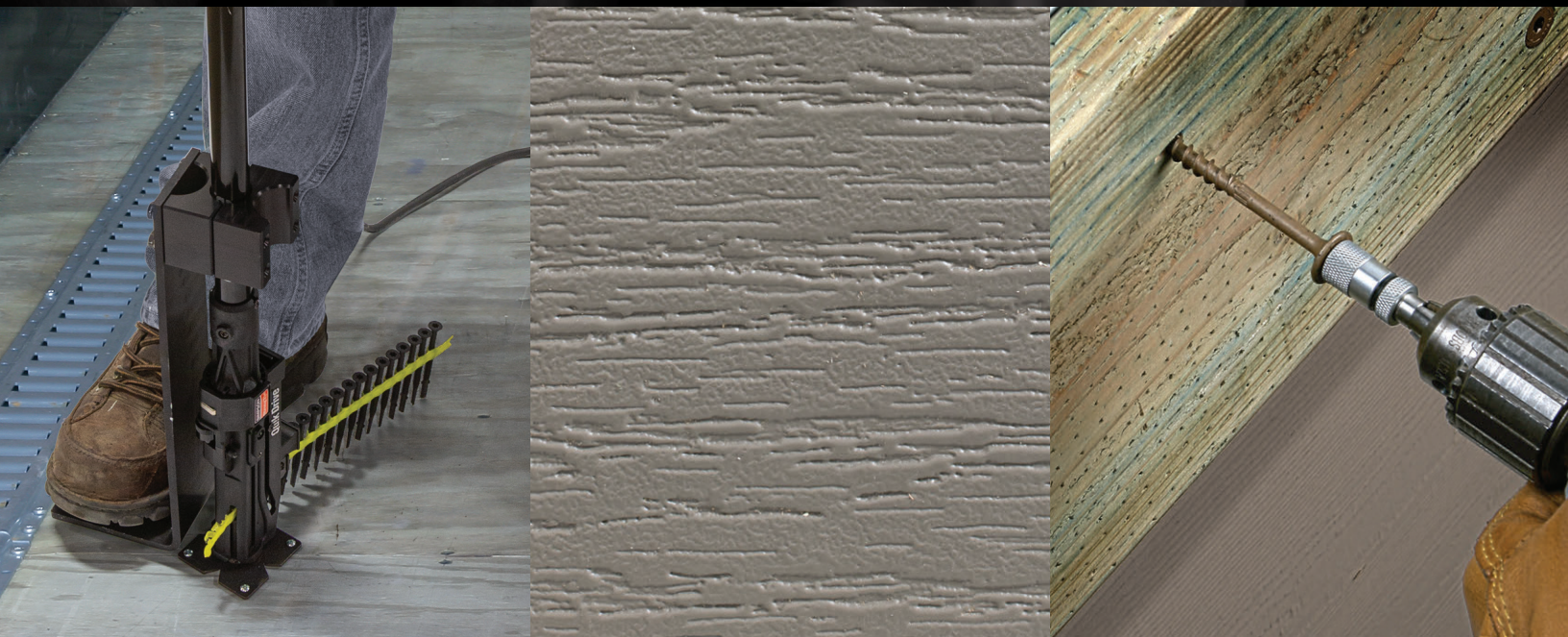




# From design to construction, put innovation to work.

Like the pros who use our products, Simpson Strong-Tie is always looking for smarter ways to design and build safer, stronger structures. That's why we're dedicated to ongoing structural systems research and technology. Rigorous product testing and refinement go into every fastening solution we engineer — for every application. Cross-laminated timber. Wood to steel. Decks, docks and boardwalks. Connector fastening and more. Whatever your project, Simpson Strong-Tie delivers the most advanced, proven fastening systems to help you get the job done.

**Simpson Strong-Tie | [strongtie.com](http://strongtie.com)**





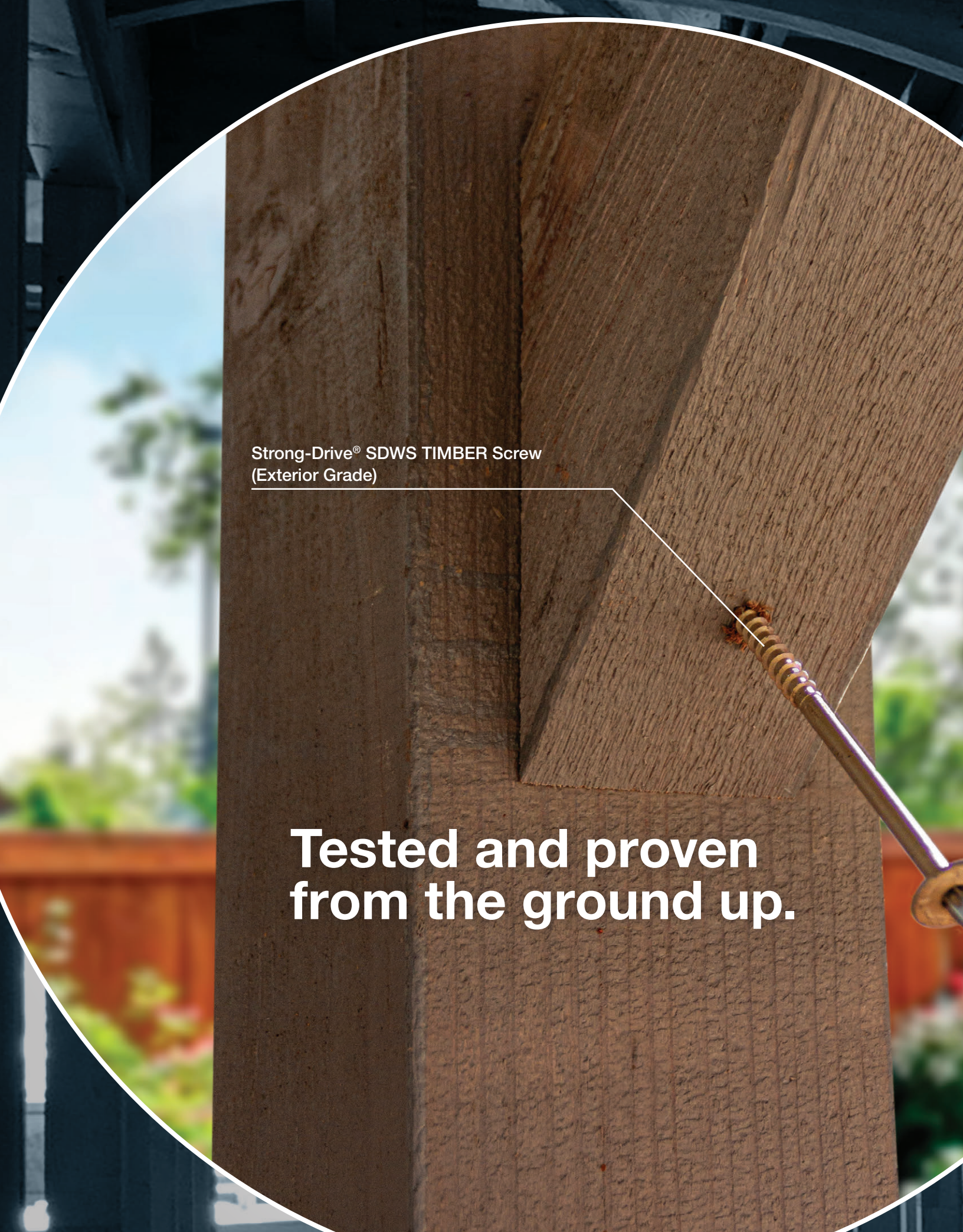


**SIMPSON**  
**Strong-Tie**

***Strong-Drive® Deck-Drive™ QuikDrive® Stainless-Steel***







Strong-Drive® SDWS TIMBER Screw  
(Exterior Grade)

**Tested and proven  
from the ground up.**



# Screws

## Exterior Screws

|   |    |
|---|----|
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## Parts and Accessories

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|-------------|-----|

## Exterior Screws

# Strong-Drive® SDWS FRAMING Screw

### Multipurpose Wood and Engineered Wood Including Framing, Indoor/Outdoor Projects

The SDWS Framing screw is designed and load-rated for replacing 16d, 10d and 8d nails in framing applications. The SDWS Framing screw is superior to nails in holding power and pull-out resistance. It is code listed in IAPMO UES ER-192 and meets 2018 and 2021 IRC® and IBC® code requirements for most common wood framing applications.

The screw has a SawTooth® point that makes for fast installations with reduced torque without predrilling, and its specially designed head countersinks easily to provide a clean, flush finish. The T25 bit holds the 6-lobe recess tightly for more secure drive control. Available in 2½", 3", 3½" and 4" lengths for a variety of uses.

#### Features:

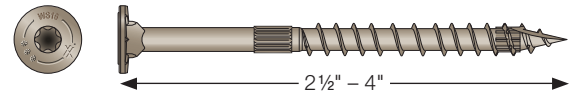
- Washer head with underhead box nibs provides increased bearing in structural applications and provides clean and easy countersinking
- SawTooth point ensures fast starts, reduces installation torque and eliminates the need for predrilling in most applications
- The 6-lobe drive provides positive bit engagement resulting in easier installations and longer bit life
- Quik Guard® coating provides protection in indoor and outdoor applications

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**Codes/Standards:** IAPMO UES ER-192 (including City of LA Supplement), State of Florida FL13975

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 41–44, 174–175, 176–177

US Patent: 9,523,383



### Quik Guard Coating

| Model No. | Dimensions    |                |               |               |               |                |               |               |
|-----------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|---------------|
|           | Inches        |                |               |               | Millimeters   |                |               |               |
|           | O.D. x Length | Shank Diameter | Thread Length | Head Diameter | O.D. x Length | Shank Diameter | Thread Length | Head Diameter |
| SDWS16212 | 0.215 x 2½    | 0.160          | 1½            | 0.450         | 5.4 x 63      | 4.0            | 28            | 11.4          |
| SDWS16300 | 0.215 x 3     | 0.160          | 1¾            | 0.450         | 5.4 x 76      | 4.0            | 41            | 11.4          |
| SDWS16312 | 0.215 x 3½    | 0.160          | 2             | 0.450         | 5.4 x 89      | 4.0            | 50            | 11.4          |
| SDWS16400 | 0.215 x 4     | 0.160          | 2½            | 0.450         | 5.4 x 101     | 4.0            | 63            | 11.4          |

See footnotes below.

### Multi-Screw Packaging

| Retail Pack   |                    |                         | Mini-Bulk      |                    |                         | Bulk       |                    |
|---------------|--------------------|-------------------------|----------------|--------------------|-------------------------|------------|--------------------|
| Model No.     | Fasteners per Pack | Packs per Master Carton | Model No.      | Fasteners per Pack | Packs per Master Carton | Model No.  | Fasteners per Pack |
| SDWS16212QR50 | 50                 | 10                      | SDWS16212QR150 | 150                | 3                       | SDWS16212Q | 1000               |
| SDWS16300QR50 | 50                 | 10                      | SDWS16300QR150 | 150                | 3                       | SDWS16300Q | 1000               |
| SDWS16312QR50 | 50                 | 10                      | SDWS16312QR150 | 150                | 3                       | SDWS16312Q | 750                |
| SDWS16400QR50 | 50                 | 6                       | SDWS16400QR150 | 150                | 3                       | SDWS16400Q | 750                |

1. O.D. denotes thread outer diameter.

2. Replacement bit part number: BIT25T-2-R2.



## Exterior Screws

# Strong-Drive® SDWS TIMBER Screw (Exterior Grade)

### Structural Wood and Engineered Wood Connections Including Ledgers

Designed to provide an easy-to-install, high-strength alternative to through-bolting and traditional lag screws. Strong-Drive SDWS Timber screws are ideal for the contractor and do-it-yourselfer alike. It is code listed in IAPMO UES ER-192 and meets 2018 and 2021 IRC® and IBC® code requirements for most common wood framing applications.

#### Features:

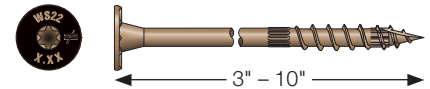
- Bold thread design provides superior holding power
- SawTooth® point ensures fast starts, reduces installation torque and eliminates the need for predrilling in most applications
- Underhead nibs allow for head to drive flush to surface with reduced splintering
- Large washer head provides a large bearing area
- Size identification on all SDWS screw heads
- 6-lobe, T40 drive provides positive engagement that makes the screw easy to drive and improves bit life (replacement driver bit — BIT40T-134-R2)

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

Double-barrier coating provides corrosion resistance equivalent to hot-dip galvanization, making it suitable for certain exterior and preservative-treated wood applications, as described in the evaluation report.

**Codes/Standards:** IAPMO UES ER-192 (including City of LA Supplement), State of Florida FL13975

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 37–40, 72–74, 79–81, 108, 110–111, 132–133, 145–147, 150–152, 157, 167–169, 170–173  
US Patent: 9,523,383



### Double-Barrier Coating

| Model No.    | Dimensions    |                |               |               |               |                |               |               |
|--------------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|---------------|
|              | Inches        |                |               |               | Millimeters   |                |               |               |
|              | O.D. x Length | Shank Diameter | Thread Length | Head Diameter | O.D. x Length | Shank Diameter | Thread Length | Head Diameter |
| SDWS22300DB  | 0.315 x 3     | 0.220          | 1½            | 0.760         | 8 x 76        | 5.6            | 38            | 19.3          |
| SDWS22400DB  | 0.315 x 4     | 0.220          | 2%            | 0.760         | 8 x 101       | 5.6            | 60            | 19.3          |
| SDWS22500DB  | 0.315 x 5     | 0.220          | 3             | 0.760         | 8 x 127       | 5.6            | 76            | 19.3          |
| SDWS22600DB  | 0.315 x 6     | 0.220          | 3             | 0.760         | 8 x 152       | 5.6            | 76            | 19.3          |
| SDWS22800DB  | 0.315 x 8     | 0.220          | 3             | 0.760         | 8 x 203       | 5.6            | 76            | 19.3          |
| SDWS221000DB | 0.315 x 10    | 0.220          | 3             | 0.760         | 8 x 254       | 5.6            | 76            | 19.3          |

See footnotes below.

### Multi-Screw Packaging

| Individually Flagged |                  | Retail Clamshell   |                  | Retail Pack        |                  | Mini-Bulk          |               | Bulk               |              |
|----------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|---------------|--------------------|--------------|
| Fasteners Qty.       | Model No.        | Fasteners per Pack | Model No.        | Fasteners per Pack | Model No.        | Fasteners per Pack | Model No.     | Fasteners per Pack | Model No.    |
| 1                    | SDWS22300DB-RP1  | 12                 | SDWS22300DB-R12  | 50                 | SDWS22300DB-R50  | 250                | SDWS22300DBMB | 950                | SDWS22300DB  |
| 1                    | SDWS22400DB-RP1  | 12                 | SDWS22400DB-R12  | 50                 | SDWS22400DB-R50  | 250                | SDWS22400DBMB | 600                | SDWS22400DB  |
| 1                    | SDWS22500DB-RP1  | 12                 | SDWS22500DB-R12  | 50                 | SDWS22500DB-R50  | 250                | SDWS22500DBMB | 600                | SDWS22500DB  |
| 1                    | SDWS22600DB-RP1  | 12                 | SDWS22600DB-R12  | 50                 | SDWS22600DB-R50  | 250                | SDWS22600DBMB | 500                | SDWS22600DB  |
| 1                    | SDWS22800DB-RP1  | 12                 | SDWS22800DB-R12  | 50                 | SDWS22800DB-R50  | 250                | SDWS22800DBMB | 400                | SDWS22800DB  |
| 1                    | SDWS221000DB-RP1 | 12                 | SDWS221000DB-R12 | 50                 | SDWS221000DB-R50 | —                  | —             | 250                | SDWS221000DB |

1. O.D. denotes thread outer diameter.

2. Retail and mini-bulk packs include one, 6-lobe, T40 driver bit; bulk packs include two driver bits (BIT40T-134-R2).

3. Flagged fasteners per master carton: 40; retail clam packs per master carton: 5; retail pack packs per master carton: 6.

## Exterior Screws

# Strong-Drive® SDWS TIMBER SS Screw

*Structural Wood and Engineered Wood Connections Including Docks, Piers and Boardwalks*

The SDWS Timber SS screw is a 0.275"-diameter Type 316 stainless-steel fastener suitable for marine and coastal applications where severe-corrosion resistance is a necessity. The SDWS Timber SS screw has a SawTooth® point and flat washer head that make it the ideal choice for use on docks, wharves, piers, boardwalks and ledgers.

### Features:

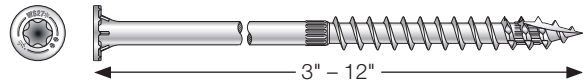
- 0.275" shank diameter for heavy-duty structural applications
- No predrilling, no counterboring required for most applications
- SawTooth point design for fast starts and no predrilling
- Large flat head with nibs can drive flush to surface with reduced splintering
- Ideal replacement for spikes, lag bolts and lag screws
- Deep T50 6-lobe recess for a secure drive (replacement driver bit — BIT50T-2-R1)

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**Codes/Standards:** IAPMO UES ER-192 (including City of LA Supplement), State of Florida FL13975

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 51–52, 150–152, 158

US Patent: 9,523,383



## Type 316 Stainless Steel

| Model No.    | Dimensions    |                |               |               |               |                |               |               |
|--------------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|---------------|
|              | Inches        |                |               |               | Millimeters   |                |               |               |
|              | O.D. x Length | Shank Diameter | Thread Length | Head Diameter | O.D. x Length | Shank Diameter | Thread Length | Head Diameter |
| SDWS27300SS  | 0.395 x 3     | 0.275          | 2             | 0.650         | 10 x 76       | 7.0            | 51            | 16.5          |
| SDWS27400SS  | 0.395 x 4     | 0.275          | 3             | 0.650         | 10 x 101      | 7.0            | 76            | 16.5          |
| SDWS27500SS  | 0.395 x 5     | 0.275          | 3             | 0.650         | 10 x 127      | 7.0            | 76            | 16.5          |
| SDWS27600SS  | 0.395 x 6     | 0.275          | 3             | 0.650         | 10 x 152      | 7.0            | 76            | 16.5          |
| SDWS27800SS  | 0.395 x 8     | 0.275          | 3             | 0.650         | 10 x 203      | 7.0            | 76            | 16.5          |
| SDWS271000SS | 0.395 x 10    | 0.275          | 3             | 0.650         | 10 x 254      | 7.0            | 76            | 16.5          |
| SDWS271200SS | 0.395 x 12    | 0.275          | 3             | 0.650         | 10 x 305      | 7.0            | 76            | 16.5          |

See footnotes below.

## Multi-Screw Packaging

| Individually Flagged |                  | Mini-Bulk          |                  | Bucket               |             |
|----------------------|------------------|--------------------|------------------|----------------------|-------------|
| Fasteners Qty.       | Model No.        | Fasteners per Pack | Model No.        | Fasteners per Bucket | Model No.   |
| 1                    | SDWS27300SS-RP1  | 30                 | SDWS27300SS-R30  | 350                  | SDWS27300SS |
| 1                    | SDWS27400SS-RP1  | 30                 | SDWS27400SS-R30  | 350                  | SDWS27400SS |
| 1                    | SDWS27500SS-RP1  | 30                 | SDWS27500SS-R30  | 300                  | SDWS27500SS |
| 1                    | SDWS27600SS-RP1  | 30                 | SDWS27600SS-R30  | 300                  | SDWS27600SS |
| 1                    | SDWS27800SS-RP1  | 30                 | SDWS27800SS-R30  | 200                  | SDWS27800SS |
| 1                    | SDWS271000SS-RP1 | 30                 | SDWS271000SS-R30 | —                    | —           |
| 1                    | SDWS271200SS-RP1 | 30                 | SDWS271200SS-R30 | —                    | —           |

1. O.D. denotes thread outer diameter.

2. Driver bit size: T50.

3. Flagged fasteners per master carton: 3"-4" = 40, 5"-6" = 35, 8"-12" = 25.



# Exterior Screws

## Strong-Drive® SDWH TIMBER-HEX Screw

### Structural Wood and Engineered Wood Connections Including Ledgers

Designed for structural and general-purpose fastening applications where a hex-head drive is preferred. Strong-Drive SDWH Timber-Hex screws are ideal for the contractor and do-it-yourselfer alike. It is code listed in IAPMO UES ER-192 and meets 2018 and 2021 IRC® and IBC® code requirements for most common wood framing applications.

#### Features:

- Bold thread design provides superior holding power
- SawTooth® point ensures fast starts, reduces installation torque and eliminates the need for predrilling in most applications
- Underhead nibs allow for head to countersink into wood with reduced splintering
- Large washer head provides maximum bearing area (0.650" washer head diameter)
- Size identification on all SDWH screw heads
- 5/16" hex drive (replacement driver bit — BITHEXR516-R1)

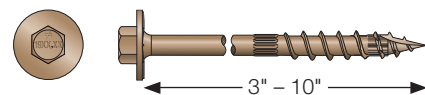
For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

*Double-barrier coating provides corrosion resistance equivalent to hot-dip galvanization, making it suitable for certain exterior and preservative-treated wood applications, as described in the evaluation report.*

**Codes/Standards:** IAPMO UES ER-192 (including City of LA Supplement), State of Florida FL13975

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 58–61, 75, 77, 109–111, 159, 161, 167–169

US Patent: 9,523,383



### Double-Barrier Coating

| Model No.    | Dimensions    |                |               |               |               |                |               |               |
|--------------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|---------------|
|              | Inches        |                |               |               | Millimeters   |                |               |               |
|              | O.D. x Length | Shank Diameter | Thread Length | Head Diameter | O.D. x Length | Shank Diameter | Thread Length | Head Diameter |
| SDWH19300DB  | 0.275 x 3     | 0.195          | 1½            | 0.650         | 6.9 x 76      | 5.0            | 38            | 16.5          |
| SDWH19400DB  | 0.275 x 4     | 0.195          | 2¾            | 0.650         | 6.9 x 101     | 5.0            | 60            | 16.5          |
| SDWH19600DB  | 0.275 x 6     | 0.195          | 2¾            | 0.650         | 6.9 x 152     | 5.0            | 70            | 16.5          |
| SDWH19800DB  | 0.275 x 8     | 0.195          | 2¾            | 0.650         | 6.9 x 203     | 5.0            | 70            | 16.5          |
| SDWH191000DB | 0.275 x 10    | 0.195          | 2¾            | 0.650         | 6.9 x 254     | 5.0            | 70            | 16.5          |

See footnotes below.

### Multi-Screw Packaging

| Individually Flagged |                  | Retail Clamshell   |                  | Retail Pack        |                  | Mini-Bulk          |               | Bulk               |              |
|----------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|---------------|--------------------|--------------|
| Fasteners Qty.       | Model No.        | Fasteners per Pack | Model No.        | Fasteners per Pack | Model No.        | Fasteners per Pack | Model No.     | Fasteners per Pack | Model No.    |
| 1                    | SDWH19300DB-RP1  | 12                 | SDWH19300DB-R12  | 50                 | SDWH19300DB-R50  | 250                | SDWH19300DBMB | 1,000              | SDWH19300DB  |
| 1                    | SDWH19400DB-RP1  | 12                 | SDWH19400DB-R12  | 50                 | SDWH19400DB-R50  | 250                | SDWH19400DBMB | 800                | SDWH19400DB  |
| 1                    | SDWH19600DB-RP1  | 12                 | SDWH19600DB-R12  | 50                 | SDWH19600DB-R50  | 250                | SDWH19600DBMB | 600                | SDWH19600DB  |
| 1                    | SDWH19800DB-RP1  | 12                 | SDWH19800DB-R12  | 50                 | SDWH19800DB-R50  | 250                | SDWH19800DBMB | 500                | SDWH19800DB  |
| 1                    | SDWH191000DB-RP1 | 12                 | SDWH191000DB-R12 | 50                 | SDWH191000DB-R50 | —                  | —             | 250                | SDWH191000DB |

1. O.D. denotes thread outer diameter.

2. Retail and mini-bulk packs include one 5/16" hex driver bit; bulk packs include two driver bits.

3. Flagged fasteners per master carton: 40; retail clam packs per master carton: 5; retail pack packs per master carton: 6.

# Exterior Screws

## Strong-Drive® SDWH TIMBER-HEX SS Screw

### Structural Wood and Engineered Wood Connections Including Ledgers

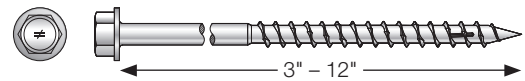
Stainless-steel structural fasteners designed for lag-screw replacement. These 0.185" and 0.275" diameter hex-head fasteners require no predrilling, making them easier and faster to install than typical lag screws. It meets 2018 and 2021 IRC® and IBC® code requirements for most common wood framing applications.

#### Features:

- Type 316 stainless steel for maximum corrosion protection
- No predrilling necessary in most applications
- Driver bit included (replacement driver bit — BITHEXR516-R1 or BITHEXR12-R1)
- Can be used in ledger applications
- Unique "box" thread design with raised-ridge technology significantly reduces driving torque
- Hex-washer head provides large bearing area

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

For Technical Data and Loads, see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 64–65, 164–165



### Type 316 Stainless Steel

| Model No.    | Hex Drive (in.) | Dimensions    |                |               |               |               |                |               |               |
|--------------|-----------------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|---------------|
|              |                 | Inches        |                |               |               | Millimeters   |                |               |               |
|              |                 | O.D. x Length | Shank Diameter | Thread Length | Head Diameter | O.D. x Length | Shank Diameter | Thread Length | Head Diameter |
| SDWH19400SS  | 5/16            | 0.255 x 4     | 0.185          | 2¾            | 0.455         | 6.5 x 101     | 4.7            | 60            | 11.5          |
| SDWH19450SS  | 5/16            | 0.255 x 4.5   | 0.185          | 2¾            | 0.455         | 6.5 x 114     | 4.7            | 70            | 11.5          |
| SDWH19500SS  | 5/16            | 0.255 x 5     | 0.185          | 2¾            | 0.455         | 6.5 x 127     | 4.7            | 60            | 11.5          |
| SDWH19600SS  | 5/16            | 0.255 x 6     | 0.185          | 2¾            | 0.455         | 6.5 x 152     | 4.7            | 60            | 11.5          |
| SDWH19800SS  | 5/16            | 0.255 x 8     | 0.185          | 2¾            | 0.455         | 6.5 x 203     | 4.7            | 60            | 11.5          |
| SDWH27300SS  | ½               | 0.370 x 3     | 0.275          | 3             | 0.655         | 9.5 x 76      | 7.0            | 76            | 16.6          |
| SDWH27400SS  | ½               | 0.370 x 4     | 0.275          | 3             | 0.655         | 9.5 x 101     | 7.0            | 76            | 16.6          |
| SDWH27500SS  | ½               | 0.370 x 5     | 0.275          | 3             | 0.655         | 9.5 x 127     | 7.0            | 76            | 16.6          |
| SDWH27600SS  | ½               | 0.370 x 6     | 0.275          | 3             | 0.655         | 9.5 x 152     | 7.0            | 76            | 16.6          |
| SDWH27800SS  | ½               | 0.370 x 8     | 0.275          | 3             | 0.655         | 9.5 x 203     | 7.0            | 76            | 16.6          |
| SDWH271000SS | ½               | 0.370 x 10    | 0.275          | 3             | 0.655         | 9.5 x 254     | 7.0            | 76            | 16.6          |
| SDWH271200SS | ½               | 0.370 x 12    | 0.275          | 3             | 0.655         | 9.5 x 305     | 7.0            | 76            | 16.6          |

See footnotes below.

### Multi-Screw Packaging

| Individually Flagged |                  | Retail Clamshell   |                 | Retail Pack        |                  |
|----------------------|------------------|--------------------|-----------------|--------------------|------------------|
| Fasteners Qty.       | Model No.        | Fasteners per Pack | Model No.       | Fasteners per Pack | Model No.        |
| —                    | —                | 20                 | SDWH19400SS-R20 | —                  | —                |
| —                    | —                | 10                 | SDWH19450SS-R10 | 100                | SDWH19450SS-R100 |
| —                    | —                | 10                 | SDWH19500SS-R10 | 100                | SDWH19500SS-R100 |
| —                    | —                | 10                 | SDWH19600SS-R10 | —                  | —                |
| —                    | —                | 10                 | SDWH19800SS-R10 | 50                 | SDWH19800SS-R50  |
| 1                    | SDWH27300SS-RP1  | 10                 | SDWH27300SS-R10 | 100                | SDWH27300SS-R100 |
| 1                    | SDWH27400SS-RP1  | 10                 | SDWH27400SS-R10 | 100                | SDWH27400SS-R100 |
| 1                    | SDWH27500SS-RP1  | 10                 | SDWH27500SS-R10 | 50                 | SDWH27500SS-R50  |
| 1                    | SDWH27600SS-RP1  | 10                 | SDWH27600SS-R10 | 50                 | SDWH27600SS-R50  |
| 1                    | SDWH27800SS-RP1  | 10                 | SDWH27800SS-R10 | 50                 | SDWH27800SS-R50  |
| 1                    | SDWH271000SS-RP1 | 5                  | SDWH271000SS-R5 | 25                 | SDWH271000SS-R25 |
| —                    | —                | 5                  | SDWH271200SS-R5 | 25                 | SDWH271200SS-R25 |

1. O.D. denotes thread outer diameter.
2. 3" flagged fasteners per master carton: 50;  
4" flagged fasteners per master carton: 40;  
5" flagged fasteners per master carton: 40;  
6" flagged fasteners per master carton: 35;  
8"–12" flagged fasteners per master carton: 25.

## Exterior Screws

# Strong-Drive® SDWH TIMBER-HEX HDG Screw

### Structural Wood and Engineered Wood Including Ledgers

The SDWH Timber-Hex HDG screw is a 0.275"-diameter hot-dip galvanized screw suitable for marine and coastal applications. The SDWH Timber-Hex HDG screw has a SawTooth® point and oversized integral washer that makes for fast installations; no predrilling or separate washer needed. Speed up your next pile job by replacing ¾" and 5/8" HDG bolt/washer/nut assemblies (two screws for one bolt in many conditions) with the Strong-Drive SDWH Timber-Hex HDG screw. It is code listed in IAPMO UES ER-192 and meets 2018 and 2021 IRC® and IBC® code requirements for most common wood framing applications.

#### Features:

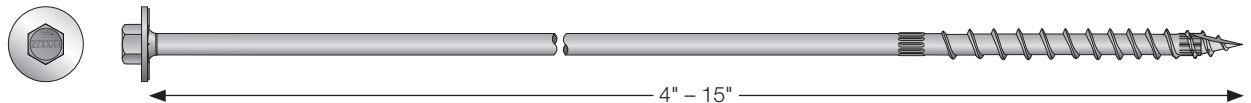
- 0.275" shank diameter for heavy-duty structural applications
- ASTM A153 Class-C hot-dip galvanized coating suitable for coastal and marine environments
- SawTooth point design for fast starts and no predrilling
- Oversized 0.930"-diameter integral washer eliminates the need for a separate washer
- ⅜" hex drive for secure driving (replacement driver bit — BITHEXR38-R1)

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**Codes/Standards:** IAPMO UES ER-192\* (including City of LA Supplement), State of Florida FL13975 (4" through 12" lengths)

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 62–63, 119–121, 150–152, 162–163, 178–197

**Install Tips:** For best results, use a minimum of ½" low-speed corded drill to install  
US Patent: 9,523,383



### ASTM A153 Class C Hot-Dip Galvanized Coating

| Model No.   | Dimensions    |                |               |               |               |                |               |               |
|-------------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|---------------|
|             | Inches        |                |               |               | Millimeters   |                |               |               |
|             | O.D. x Length | Shank Diameter | Thread Length | Head Diameter | O.D. x Length | Shank Diameter | Thread Length | Head Diameter |
| SDWH27400G  | 0.395 x 4     | 0.275          | 3             | 0.930         | 10 x 101      | 7.0            | 76            | 23.6          |
| SDWH27600G  | 0.395 x 6     | 0.275          | 3             | 0.930         | 10 x 152      | 7.0            | 76            | 23.6          |
| SDWH27800G  | 0.395 x 8     | 0.275          | 3             | 0.930         | 10 x 203      | 7.0            | 76            | 23.6          |
| SDWH271000G | 0.395 x 10    | 0.275          | 3             | 0.930         | 10 x 254      | 7.0            | 76            | 23.6          |
| SDWH271200G | 0.395 x 12    | 0.275          | 3             | 0.930         | 10 x 305      | 7.0            | 76            | 23.6          |
| SDWH271500G | 0.395 x 15    | 0.275          | 3             | 0.930         | 10 x 381      | 7.0            | 76            | 23.6          |

See footnotes below.

### Multi-Screw Packaging

| Individually Flagged |                 | Retail Pack        |                 | Mini-Bulk          |               | Bucket             |            |
|----------------------|-----------------|--------------------|-----------------|--------------------|---------------|--------------------|------------|
| Fasteners Qty.       | Model No.       | Fasteners per Pack | Model No.       | Fasteners per Pack | Model No.     | Fasteners per Pack | Model No.  |
| 1                    | SDWH27400G-RP1  | 30                 | SDWH27400G-R30  | 150                | SDWH27400GMB  | 350                | SDWH27400G |
| 1                    | SDWH27600G-RP1  | 30                 | SDWH27600G-R30  | 150                | SDWH27600GMB  | 350                | SDWH27600G |
| 1                    | SDWH27800G-RP1  | 30                 | SDWH27800G-R30  | 150                | SDWH27800GMB  | —                  | —          |
| 1                    | SDWH271000G-RP1 | 30                 | SDWH271000G-R30 | 150                | SDWH271000GMB | —                  | —          |
| 1                    | SDWH271200G-RP1 | 30                 | SDWH271200G-R30 | 150                | SDWH271200GMB | —                  | —          |
| 1                    | SDWH271500G-RP1 | —                  | —               | 150                | SDWH271500GMB | —                  | —          |

\*SDWH271500G is not listed in IAPMO UES ER-192 or FL13975.

1. O.D. denotes thread outer diameter.

2. 4" flagged fasteners per master carton: 40; 6" flagged fasteners per master carton: 35; 8"-15" flagged fasteners per master carton: 25.



## Exterior Screws

### Outdoor Accents® Decorative Hardware



Outdoor Accents decorative hardware features connectors and fasteners for building custom outdoor living structures that are beautiful and structurally strong. The line includes post bases, angles, T and L straps, gable plates, gazebo ties, joist hangers and fasteners.



### Outdoor Accents Structural Wood Screw

The Outdoor Accents structural wood screw reduces installation time by driving easily without predrilling. When combined with the patented, load-rated Outdoor Accents hex-head washer, the solution delivers the decorative appearance of a bolt connection, but with a much easier installation. The structural wood screw is now available in three sizes: 2", 3½" and 5½". Both the 3½" and 5½" screw's bold thread design enables superior holding to attach ledgers and other secure connections. The new 2" screw is ideal for use with 2x lumber, and for adding style to any DIY project.

**Note:** The 2" screw (SDWS25200DBB) has lower load values than the 3½" and 5½" screws. It may not be substituted where the longer screws are required.

#### Features:

- Use with Outdoor Accents decorative hardware and STN22 hex-head washer for an appealing look
- Use Outdoor Accents structural wood screw without the washer as a wood-to-wood fastener
- Deep 6-lobe T40 recess provides easy, secure driving (T40 drive bit included in multi-count packages)
- Patented SawTooth® point (3½" and 5½" screws only) ensures fast starts, reduces installation torque and eliminates the need for predrilling in most applications; Type-17 point on 2" screw ensures fast starts
- Black double-barrier coating offers premium look while providing a medium level of corrosion protection for many outdoor applications

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**Codes/Standards:** IAPMO UES ER-192 (including City of LA Supplement), State of Florida FL13975

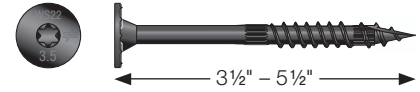
**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, p. 208

**Install Tips:** For best results, use a minimum of ½" low-speed corded drill to install

US Patent: 9,523,383 applies to 3½" and 5½" versions

## Exterior Screws

# Outdoor Accents® Structural Wood Screw (cont.)



### Black Double-Barrier Coating

| Model No.    | Dimensions    |                |               |               |               |                |               |               |
|--------------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|---------------|
|              | Inches        |                |               |               | Millimeters   |                |               |               |
|              | O.D. x Length | Shank Diameter | Thread Length | Head Diameter | O.D. x Length | Shank Diameter | Thread Length | Head Diameter |
| SDWS22312DBB | 0.315 x 3½    | 0.220          | 2             | 0.760         | 8 x 89        | 5.6            | 51            | 19.3          |
| SDWS22512DBB | 0.315 x 5½    | 0.220          | 3             | 0.760         | 8 x 140       | 5.6            | 76            | 19.3          |

See footnotes below.

### Multi-Screw Packaging

| Individually Flagged |                  | Retail Pack        |                  | Mini-Bulk          |                  |
|----------------------|------------------|--------------------|------------------|--------------------|------------------|
| Fasteners Qty.       | Model No.        | Fasteners per Pack | Model No.        | Fasteners per Pack | Model No.        |
| 1                    | SDWS22312DBB-RN1 | 12                 | SDWS22312DBBRC12 | 50                 | SDWS22312DBB-R50 |
| 1                    | SDWS22512DBB-RN1 | 12                 | SDWS22512DBBRC12 | 50                 | SDWS22512DBB-R50 |

1. O.D. denotes thread outer diameter.
2. Individually flagged units include the STN22 hex-head washer.
3. T40 6-lobe bit replacement uses BIT40T-134-R2.
4. 3½" and 5½" RN1 master carton quantities: 20; 3½" and 5½" RC12 master carton quantities: 10; R50 master carton quantities: 6.



### Black Double-Barrier Coating

| Model No.    | Dimensions    |                |               |               |               |                |               |               |
|--------------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|---------------|
|              | Inches        |                |               |               | Millimeters   |                |               |               |
|              | O.D. x Length | Shank Diameter | Thread Length | Head Diameter | O.D. x Length | Shank Diameter | Thread Length | Head Diameter |
| SDWS25200DBB | 0.255 x 2     | 0.235          | 1¼            | 0.760         | 6.5 x 51      | 6.0            | 31            | 19.3          |

See footnotes below.

### Multi-Screw Packaging

| Retail Pack             |                  |                    | Mini-Bulk               |                  |                    |
|-------------------------|------------------|--------------------|-------------------------|------------------|--------------------|
| Packs per Master Carton | Model No.        | Fasteners per Pack | Packs per Master Carton | Model No.        | Fasteners per Pack |
| 5                       | SDWS25200DBBRC12 | 12                 | 6                       | SDWS25200DBB-R50 | 50                 |

1. O.D. denotes thread outer diameter.
2. T40 6-lobe bit replacement uses BIT40T-134-R2.
3. SDWS25200DBB has a Type-17 point.

## Exterior Screws

### Outdoor Accents® Hex-Head Washer

The patented Outdoor Accents hex-head washer and structural wood screw combination provides the decorative appearance of a bolted connection. Its design provides an easier and significantly faster installation time compared to through-bolting. The hex-head washer is code listed (IAPMO UES ER-192) and is designed to be used exclusively with the Outdoor Accents structural wood screw to fasten Outdoor Accents connectors, including post bases, T and L straps, angles, gable plates and heavy joist hangers.

#### Features:

- Combined with the Outdoor Accents structural wood screw, it provides a structural load-rated solution
- Easy to install
- Black double-barrier coating

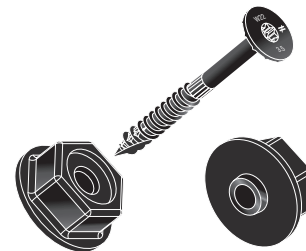
**Codes/Standards:** IAPMO UES ER-192  
(including City of LA Supplement),  
State of Florida FL13975

**For Technical Data and Loads,** see C-F-2023TECHSUP  
*Fastening Systems Technical Guide*, p. 208  
US Patent: 11,137,016 and D733,546



### Black Double-Barrier Coating

| Hex-Head Washer Diameter (in.) | Retail Pack Quantity | Master Carton Quantity | Model No. |
|--------------------------------|----------------------|------------------------|-----------|
| 1 ½                            | 8                    | 10                     | STN22-R8  |
| 1 ½                            | 24                   | 6                      | STN22-R24 |



**SDWS22312DBB (sold separately)**  
**with STN22 Hex-Head Washer**



# Exterior Screws

## Outdoor Accents® Connector Screw

The Outdoor Accents connector screw reduces installation time by driving easily without predrilling. Designed for installation with the Outdoor Accents connectors, such as the APA21 90° angle, APLH light joist hangers and APGT gazebo ties, the screw's black finish accents any outdoor living project. The sharp point of the screw enables fast starts.

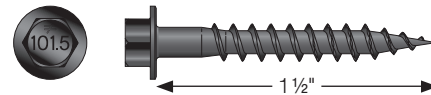
**Features:**

- Use with Outdoor Accents decorative hardware for an appealing look
- Black double-barrier coating provides premium look while providing a medium level of corrosion protection for many outdoor applications
- ¼" hex head for secure driving and easier installation

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**Codes/Standards:** ICC-ES ESR-3046 (including City of LA Supplement), State of Florida FL9589

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, p. 209



### Black Double-Barrier Coating

| Dimensions    |               |               |               |               |               | Drive Type |
|---------------|---------------|---------------|---------------|---------------|---------------|------------|
| Inches        |               |               | Millimeters   |               |               |            |
| O.D. x Length | Thread Length | Head Diameter | O.D. x Length | Thread Length | Head Diameter |            |
| #10 x 1½      | 1⅞            | 0.370         | 5.0 x 38      | 28            | 9.3           | ¼" Hex     |

See footnotes below.

### Multi-Screw Packaging

| Retail Pack             |               |                    |
|-------------------------|---------------|--------------------|
| Packs per Master Carton | Model No.     | Fasteners per Pack |
| 5                       | SD10112DBBR50 | 50                 |

1. O.D. denotes thread outer diameter.
2. ¼" hex driver bit is included in package.

## Exterior Screws

# Strong-Drive® SDS HEAVY-DUTY CONNECTOR Screw

### Heavy-Duty Simpson Strong-Tie® Connectors

A 0.250"-diameter high-strength structural wood screw ideal for various connector installations as well as wood-to-wood and engineered wood applications.

#### Features:

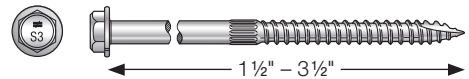
- Type-17 point enables easy driving with no predrilling
- Available with a double-barrier coating and Type 316 stainless steel
- ⅜" hex head with 0.500" integrated washer
- Head is stamped with the Simpson Strong-Tie "S" sign and fastener length for easy identification after installation
- Replacement driver bit — BITHEXR38-R1

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**Install Tips:** A low-speed ½" drill with a ⅜" hex driver is the recommended tool for installation.

**Codes/Standards:** ICC-ES ESR-2236 (including City of LA Supplement), State of Florida FL9589

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 70–71, 78, 112, 166–169, 202

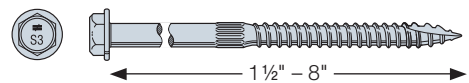


### Type 316 Stainless Steel

| Model No.  | Dimensions                 |               |               |               | Retail Pack        |                  | Bulk               |            |
|------------|----------------------------|---------------|---------------|---------------|--------------------|------------------|--------------------|------------|
|            | Inches                     |               | Millimeters   |               | Fasteners per Pack | Model No.        | Fasteners per Pack | Model No.  |
|            | O.D. <sup>1</sup> x Length | Thread Length | O.D. x Length | Thread Length |                    |                  |                    |            |
| SDS25112SS | 0.250 x 1½                 | 1             | 6.5 x 38      | 25            | 25                 | SDS25112SS-R25   | 1,500              | SDS25112SS |
| SDS25200SS | 0.250 x 2                  | 1¼            | 6.5 x 51      | 31            | 25                 | SDS25200SS-R25   | 1,300              | SDS25200SS |
| SDS25212SS | 0.250 x 2½                 | 1½            | 6.5 x 63      | 38            | 25                 | SDS25212SS-R25   | 1,100              | SDS25212SS |
| SDS25300SS | 0.250 x 3                  | 2             | 6.5 x 76      | 51            | 25                 | SDS25300SS-R25   | 950                | SDS25300SS |
| SDS25312SS | 0.250 x 3½                 | 2¼            | 6.5 x 89      | 57            | 25                 | SDS25312SS-R25   | 900                | SDS25312SS |
|            |                            |               |               |               | 25                 | SDS25312SS-R25L* | —                  | —          |

\*Packaged in a ledger-specific box with ⅜" hex-driver bit.

1. O.D. denotes thread outer diameter. Shank diameter is 0.235".



### Double-Barrier Coating

| Model No. | Dimensions                 |               |               |               | Retail Pack        |                | Mini Bulk          |            | Bulk               |           |
|-----------|----------------------------|---------------|---------------|---------------|--------------------|----------------|--------------------|------------|--------------------|-----------|
|           | Inches                     |               | Millimeters   |               | Fasteners per Pack | Model No.      | Fasteners per Pack | Model No.  | Fasteners per Pack | Model No. |
|           | O.D. <sup>1</sup> x Length | Thread Length | O.D. x Length | Thread Length |                    |                |                    |            |                    |           |
| SDS25112  | 0.250 x 1½                 | 1             | 6.5 x 38      | 25            | 25                 | SDS25112-R25   | 300                | SDS25112MB | 1,500              | SDS25112  |
| SDS25200  | 0.250 x 2                  | 1¼            | 6.5 x 51      | 31            | 25                 | SDS25200-R25   | 250                | SDS25200MB | 1,300              | SDS25200  |
| SDS25212  | 0.250 x 2½                 | 1½            | 6.5 x 63      | 38            | 25                 | SDS25212-R25   | 200                | SDS25212MB | 1,100              | SDS25212  |
| SDS25300  | 0.250 x 3                  | 2             | 6.5 x 76      | 51            | 25                 | SDS25300-R25   | 150                | SDS25300MB | 950                | SDS25300  |
| SDS25312  | 0.250 x 3½                 | 2¼            | 6.5 x 89      | 57            | 10                 | SDS25312-R10   | 125                | SDS25312MB | 900                | SDS25312  |
|           |                            |               |               |               | 25                 | SDS25312-R25L* | —                  | —          | —                  | —         |
| SDS25412  | 0.250 x 4½                 | 2¾            | 6.5 x 114     | 70            | 10                 | SDS25412-R10   | 100                | SDS25412MB | 800                | SDS25412  |
| SDS25500  | 0.250 x 5                  | 2¾            | 6.5 x 127     | 70            | 10                 | SDS25500-R10   | 100                | SDS25500MB | 500                | SDS25500  |
|           |                            |               |               |               | 25                 | SDS25500-R25L* | —                  | —          | —                  | —         |
| SDS25600  | 0.250 x 6                  | 3¼            | 6.5 x 152     | 82            | 10                 | SDS25600-R10   | 100                | SDS25600MB | 600                | SDS25600  |
| SDS25800  | 0.250 x 8                  | 3¼            | 6.5 x 203     | 82            | 10                 | SDS25800-R10   | —                  | —          | —                  | —         |
|           |                            |               |               |               | 50                 | SDS25800-R50   | —                  | —          | 400                | SDS25800  |

\*Packaged in a ledger-specific box with ⅜" hex-driver bit.

1. O.D. denotes thread outer diameter. Shank diameter is 0.235".

## Exterior Screws

# Strong-Drive® SD CONNECTOR Screw

### For Simpson Strong-Tie Connectors

The Strong-Drive SD Connector screw is specifically designed to replace nails in certain Simpson Strong-Tie connectors, and is the only screw approved for that application. The load-rated SD screw has been tested and approved for use in many popular Simpson Strong-Tie products. In certain applications screws are easier and more convenient to install than nails, and the single-fastener load values achieved by the SD screw exceed those of typical 10d common or 16d common nails. In addition, the galvanized coating makes the SD screw ideal for both interior and most exterior conditions.

#### Features:

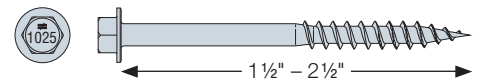
- Specifically designed to replace nails in certain Simpson Strong-Tie connectors, and is the only screw approved for that application. The #9 and #10 SD screws replace 10d and 16d nails, respectively.
- Tested and approved for use in many of our most popular connectors for both interior and exterior applications.
- Ideal for use in connector applications where more control is desired or using a hammer is inconvenient.
- ¼" hex head with 0.370"-dia. integrated washer is stamped with the Simpson Strong-Tie "S" sign and the fastener size for easy identification after installation.
- Shank is specifically designed to match the fastener holes in Simpson Strong-Tie connectors.
- Optimized heat treating for ductility and strength.
- The single-fastener load capacity of the SD9 exceeds the capacity of a 10d common nail, while the single-fastener load capacity of the SD10 exceeds that of the 16d common nail.
- Hex driver bit included.

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

*Mechanically-galvanized coating meets ASTM B695 Class 55, is recommended for use with certain preservative-treated woods and recognized as an alternate to hot-dip galvanized in ESR-3046; it is compliant with the 2015 and 2018 International Residential Code®.*

**Codes/Standards:** ICC-ES ESR-3046 (including City of LA Supplement), State of Florida FL9589

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 66–67, 203



### Mechanically Galvanized Coating

| Dimensions    |               |           |               |               |           | Drive Type | Retail Pack        |               | Mini-Bulk Pack     |             | Bulk Packaging SKU |           |
|---------------|---------------|-----------|---------------|---------------|-----------|------------|--------------------|---------------|--------------------|-------------|--------------------|-----------|
| Inches        |               |           | Millimeters   |               |           |            | Fasteners per Pack | Model No.     | Fasteners per Pack | Model No.   | Fasteners per Pack | Model No. |
| O.D. x Length | Thread Length | Head Dia. | O.D. x Length | Thread Length | Head Dia. |            |                    |               |                    |             |                    |           |
| #9 x 1½       | 1⅝            | 0.370     | 4.5 x 38      | 28            | 9.3       | ¼" Hex     | 100                | SD9112R100    | 500                | SD9112R500  | 3000               | SD9112MB  |
| #9 x 2½       | 1⅝            | 0.370     | 4.5 x 63      | 28            | 9.3       | ¼" Hex     | 100                | SD9212R100-R  | 500                | SD9212R500  | 2000               | SD9212MB  |
| #10 x 1½      | 1⅝            | 0.370     | 5.0 x 38      | 28            | 9.3       | ¼" Hex     | 100                | SD10112R100   | 500                | SD10112R500 | 3000               | SD10112MB |
| #10 x 2½      | 1⅝            | 0.370     | 5.0 x 63      | 28            | 9.3       | ¼" Hex     | 100                | SD10212R100-R | 500                | SD10212R500 | 2000               | SD10212MB |

1. O.D. denotes thread outer diameter.

2. Shank diameter is 0.130" for #9 screws and 0.160" for #10 screws.



## Exterior Screws

# Strong-Drive® SD CONNECTOR SS Screw

### For Simpson Strong-Tie Stainless-Steel Connectors

The stainless-steel Strong-Drive SD Connector SS screw (SD SS) is specifically designed to replace nails in certain Simpson Strong-Tie stainless-steel connectors. The load-rated SD SS screw has been tested and approved for use in many popular Simpson Strong-Tie products. In certain applications screws are easier and more convenient to install than nails, and the single-fastener load values achieved by the SD SS screw exceed those of 10d common nails. In addition, the Type 316 stainless steel provides excellent corrosion resistance appropriate for severe-exposure environments.

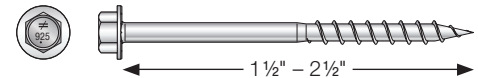
#### Features:

- Specifically designed to replace nails in certain Simpson Strong-Tie stainless-steel connectors and is the only screw tested and approved for that application
- The single-fastener load capacity of the #9 SD SS exceeds the capacity of a 10d common nail
- Ideal for use in connector applications where more control is desired or using a hammer is inconvenient installation
- ¼" hex head with 0.370"-dia. integrated washer is stamped with the Simpson Strong-Tie "S" sign and the fastener size for easy identification after installation
- Shank is specifically designed to match the fastener holes in Simpson Strong-Tie connectors
- Hex driver bit included

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**Codes/Standards:** ICC-ES ESR-3046 (including City of LA Supplement), State of Florida FL9589

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 68–69, 203–205



### Type 316 Stainless Steel

| Dimensions    |               |           |               |               |           | Drive Type | Retail Pack   |                    | Mini-Bulk Pack |                    | Bulk Packaging SKU |                    |
|---------------|---------------|-----------|---------------|---------------|-----------|------------|---------------|--------------------|----------------|--------------------|--------------------|--------------------|
| Inches        |               |           | Millimeters   |               |           |            | Model No.     | Fasteners per Pack | Model No.      | Fasteners per Pack | Model No.          | Fasteners per Pack |
| O.D. x Length | Thread Length | Head Dia. | O.D. x Length | Thread Length | Head Dia. |            |               |                    |                |                    |                    |                    |
| #9 x 1 ½      | 1 ¼           | 0.370     | 4.2 x 38      | 28            | 9.3       | ¼" Hex     | SD9112SS-R100 | 100                | SD9112SS-R500  | 500                | SD9112SSMB         | 3,000              |
| #9 x 2 ½      | 1 ¼           | 0.370     | 4.2 x 63      | 28            | 9.3       | ¼" Hex     | SD9212SS-R100 | 100                | SD9212SS-R500  | 500                | SD9212SSMB         | 2,000              |

1. O.D. denotes thread outer diameter.

2. Shank diameter is 0.130".

3. Master carton retail pack quantity: 10; mini-bulk pack quantity: 3.

4. One (1) hex driver bit is included in each package.

## Exterior Screws

# Strong-Drive® DWP WOOD SS Screw

### Decking, Docks and Boardwalks; Load-rated General Exterior Applications

The Strong-Drive DWP Wood SS screw is a powerful, load-rated fastening solution for deck, dock and general exterior applications where extra corrosion protection and load specifications are required. The #12 and #14 Strong-Drive DWP Wood SS flat-head screws are structural fasteners that have been tested in accordance with ICC-ES acceptance criteria AC233 and are load rated for shear, pull-through and withdrawal resistance. With its specially designed sharp point and unique box threads, the DWP WOOD SS screw is a great solution for exterior structural connections, such as on docks, boardwalks and decks near water or where they will be exposed to high or severe corrosion. Choose Type 316 stainless steel for seaside and coastal environments.

#### Features:

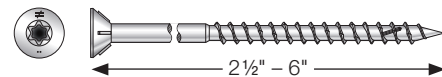
- Unique “box” thread design with raised-ridge technology greatly reduces driving torque, which allows you to drive more screws on a single battery charge
- Specially designed sharp point penetrates hard wood products with ease
- Use with wood, engineered wood and polymer materials
- 6-lobe drive provides a secure bit fit resulting in an easy drive and long bit life
- Choose Type 316 stainless steel for seaside applications

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**For Technical Data and Loads**, see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 49–50

#### Flat Head with Nibs

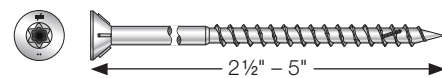
#### Type 316 Stainless Steel



| Size | Length (in.) | Head Dia. (in.) | Bit Size | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | Bucket |           |
|------|--------------|-----------------|----------|-----------------------|-----------------|-----------------|--------|-----------|
|      |              |                 |          |                       |                 |                 | Count  | Model No. |
| #12  | 2½           | 0.435           | T27      | 56                    | T12250WP1       | T12250WP5       | 1,750  | T12250WPB |
| #12  | 3            | 0.435           | T27      | 48                    | T12300WP1       | T12300WP5       | 1,500  | T12300WPB |
| #12  | 3½           | 0.435           | T27      | 42                    | T12350WP1       | T12350WP5       | 1,000  | T12350WPB |
| #12  | 4            | 0.435           | T27      | 36                    | T12400WP1       | T12400WP5       | 750    | T12400WPB |
| #12  | 4½           | 0.435           | T27      | 32                    | T12450WP1       | T12450WP5       | 750    | T12450WPB |
| #12  | 5            | 0.435           | T27      | 29                    | T12500WP1       | T12500WP5       | 500    | T12500WPB |
| #12  | 6            | 0.435           | T27      | 24                    | T12600WP1       | T12600WP5       | 600    | T12600WPB |
| #14  | 3            | 0.460           | T27      | 36                    | T14300WP1       | T14300WP5       | 1,000  | T14300WPB |
| #14  | 3½           | 0.460           | T27      | 33                    | T14350WP1       | T14350WP5       | 750    | T14350WPB |
| #14  | 4            | 0.460           | T27      | 26                    | T14400WP1       | T14400WP5       | 700    | T14400WPB |
| #14  | 5            | 0.460           | T27      | 21                    | T14500WP1       | T14500WP5       | 500    | T14500WPB |
| #14  | 6            | 0.460           | T27      | 18                    | T14600WP1       | T14600WP5       | 500    | T14600WPB |

#### Flat Head with Nibs

#### Type 305 Stainless Steel



| Size | Length (in.) | Head Dia. (in.) | Bit Size | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | Bucket |           |
|------|--------------|-----------------|----------|-----------------------|-----------------|-----------------|--------|-----------|
|      |              |                 |          |                       |                 |                 | Count  | Model No. |
| #12  | 2½           | 0.435           | T27      | 56                    | —               | S12250WP5       | 1,750  | S12250WPB |
| #12  | 3            | 0.435           | T27      | 48                    | S12300WP1       | S12300WP5       | 1,500  | S12300WPB |
| #12  | 3½           | 0.435           | T27      | 42                    | S12350WP1       | S12350WP5       | 1,000  | S12350WPB |
| #12  | 4            | 0.435           | T27      | 36                    | S12400WP1       | S12400WP5       | 800    | S12400WPB |
| #12  | 4½           | 0.435           | T27      | 32                    | S12450WP1       | S12450WP5       | 750    | S12450WPB |
| #12  | 5            | 0.435           | T27      | 29                    | S12500WP1       | S12500WP5       | 500    | S12500WPB |
| #14  | 4            | 0.460           | T27      | 26                    | —               | S14400WP5       | 700    | S14400WPB |

1. 6-lobe bit replacements: T27 uses BIT27T-2-R2.

## Exterior Screws

# Deck-Drive™ DWP WOOD SS Screw

*Decking, Docks and Boardwalks; Finishing, Millwork and Trim*

The Deck-Drive DWP Wood SS screw is a powerful fastening solution for deck, dock and general exterior applications where extra corrosion protection is needed. With its specially-designed sharp point and unique box threads, the DWP screw is ideally suited for the majority of wood used in today's deck boards. Choose Type 316 stainless steel for seaside and coastal environments. Available in hand-drive and in collated strips for use in our Quik Drive® auto-feed screw driving system.

### Features:

- Unique "box" thread design with raised-ridge technology greatly reduces driving torque, which allows you to drive more screws on a single battery charge
- Specially designed sharp point penetrates hard wood products with ease
- Use with wood, engineered wood and polymer materials
- 6-lobe drive offers a secure bit fit resulting in an easy drive and long bit life
- Choose Type 316 stainless steel for seaside applications
- For load-rated DWP Wood SS screw product models and SKU information, refer to the Strong-Drive® DWP Wood SS screw product page, p. 71

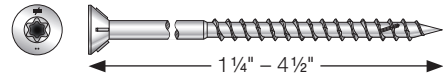
For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

This screw is also available collated for the Quik Drive system. See p. 219 for details.

**For Technical Data and Loads**, see C-F-2023TECHSUP  
*Fastening Systems Technical Guide*, pp. 153, 176–177

### Flat Head with Nibs

### Type 316 Stainless Steel



| Size | Length (in.) | Head Diameter (in.) | Bit Size | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | Deck Pack |           | Bulk Bucket |            |
|------|--------------|---------------------|----------|-----------------------|-----------------|-----------------|-----------|-----------|-------------|------------|
|      |              |                     |          |                       |                 |                 | Count     | Model No. | Count       | Model No.  |
| #8   | 1¼           | 0.335               | T20      | 176                   | T08125WP1       | T08125WP5       | —         | —         | 5,000       | T08125WPB  |
| #8   | 1½           | 0.335               | T20      | 150                   | T08162WP1       | —               | 350       | T08162WPP | 4,000       | T08162WPB  |
| #8   | 2            | 0.335               | T20      | 128                   | T08200WP1       | T08200WP5       | 350       | T08200WPP | 3,000       | T08200WPB  |
| #8   | 2½           | 0.335               | T20      | 102                   | T08250WPF1      | T08250WPF5      | —         | —         | 1,750       | T08250WPFB |
| #8   | 3            | 0.335               | T20      | 82                    | T08300WPF1      | T08300WPF5      | —         | —         | 1,750       | T08300WPFB |
| #10  | 2            | 0.335               | T25      | 96                    | T10200WP1       | T10200WP5       | —         | —         | 2,500       | T10200WPB  |
| #10  | 2½           | 0.335               | T25      | 82                    | T10250WP1       | T10250WP5       | 350       | T10250WPP | 1,750       | T10250WPB  |
| #10  | 3            | 0.335               | T25      | 68                    | T10300WP1       | T10300WP5       | 350       | T10300WPP | 1,750       | T10300WPB  |
| #10  | 3½           | 0.335               | T25      | 56                    | T10350WP1       | —               | 250       | T10350WPP | 1,000       | T10350WPB  |
| #10  | 4½           | 0.365               | T25      | 43                    | —               | —               | —         | —         | 1,000       | T10450WPCM |

1. 6-lobe bit replacements: T20 uses BIT20T-2-R2; T25 uses BIT25T-2-R2.

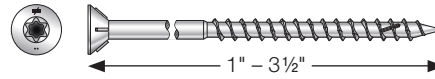


# Exterior Screws

## Deck-Drive™ DWP WOOD SS Screw (cont.)

### Flat Head with Nibs

#### Type 305 Stainless Steel



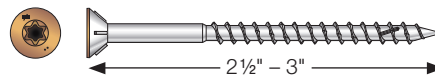
| Size | Length (in.) | Head Diameter (in.) | Bit Size | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | Deck Pack |           | Bulk Bucket |            |
|------|--------------|---------------------|----------|-----------------------|-----------------|-----------------|-----------|-----------|-------------|------------|
|      |              |                     |          |                       |                 |                 | Count     | Model No. | Count       | Model No.  |
| #8   | 1¼           | 0.335               | T20      | 176                   | S08125WP1       | S08125WP5       | —         | —         | 5,000       | S08125WPB  |
| #8   | 1½           | 0.335               | T20      | 150                   | S08162WP1       | S08162WP5       | 350       | S08162WPP | 4,000       | S08162WPB  |
| #8   | 2            | 0.335               | T20      | 128                   | S08200WP1       | S08200WP5       | 350       | S08200WPP | 3,000       | S08200WPB  |
| #8   | 2½           | 0.335               | T20      | 102                   | S08250WPF1      | S08250WPF5      | —         | —         | 1,750       | S08250WPFB |
| #8   | 3            | 0.335               | T20      | 82                    | S08300WPF1      | S08300WPF5      | —         | —         | 1,750       | S08300WPFB |
| #10  | 1            | 0.335               | T25      | 172                   | S10100WP1       | S10100WP5       | —         | —         | 4,500       | S10100WPB  |
| #10  | 1½           | 0.335               | T25      | 134                   | S10150WP1       | S10150WP5       | —         | —         | 3,500       | S10150WPB  |
| #10  | 2            | 0.335               | T25      | 96                    | S10200WP1       | S10200WP5       | —         | —         | 2,500       | S10200WPB  |
| #10  | 2½           | 0.335               | T25      | 82                    | S10250WP1       | S10250WP5       | 350       | S10250WPP | 1,750       | S10250WPB  |
| #10  | 3            | 0.335               | T25      | 68                    | S10300WP1       | S10300WP5       | 350       | S10300WPP | 1,750       | S10300WPB  |
| #10  | 3½           | 0.335               | T25      | 56                    | S10350WP1       | S10350WP5       | —         | —         | 1,000       | S10350WPB  |

1. 6-lobe bit replacements: T20 uses BIT20T-2-R2; T25 uses BIT25T-2-R2.

### Flat Head with Nibs, Painted

- Painted heads blend with hardwood decking material

#### Type 305 Stainless Steel



| Size | Length (in.) | Head Diameter (in.) | Bit Size | 350-Count Model No. | 1,750-Count Model No. | Head Color |
|------|--------------|---------------------|----------|---------------------|-----------------------|------------|
| #10  | 2½           | 0.335               | T25      | S10250WJI           | S10250WCI             | Tan 03     |
| #10  | 3            | 0.335               | T25      | S10300WJI           | S10300WCI             | Tan 03     |
| #10  | 3            | 0.335               | T25      | S10300WPPBR05       | S10300WPBBR05         | Brown 05   |
| #10  | 3            | 0.335               | T25      | S10300WPPTN01       | S10300WPBTN01         | Tan 01     |
| #10  | 3            | 0.335               | T25      | S10300WPPGR         | S10300WPBGR           | Gray       |



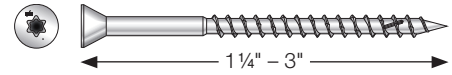
1. 6-lobe bit replacement: T25 uses BIT25T-2-R2.

## Exterior Screws

### Deck-Drive™ DWP WOOD SS Screw (cont.)

Trim Head, Unpainted

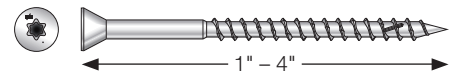
Type 316 Stainless Steel



| Size | Length (in.) | Head Diameter (in.) | Bit Size | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | Clamshell |           | 350-Count Model No. | Bulk Bucket |           |
|------|--------------|---------------------|----------|-----------------------|-----------------|-----------------|-----------|-----------|---------------------|-------------|-----------|
|      |              |                     |          |                       |                 |                 | Count     | Model No. |                     | Count       | Model No. |
| #7   | 1 ¼          | 0.230               | T15      | 264                   | T07125WP1       | T07125WP5       | —         | —         | T07125WPP           | 5,000       | T07125WPB |
| #7   | 1 ⅝          | 0.230               | T15      | 195                   | T07162WP1       | T07162WP5       | 100       | T07162FWP | T07162WPP           | 4,000       | T07162WPB |
| #7   | 2 ¼          | 0.230               | T15      | 138                   | T07225WP1       | T07225WP5       | 86        | T07225FWP | T07225WPP           | 1,750       | T07225WPB |
| #7   | 3            | 0.230               | T15      | 98                    | T07300WP1       | T07300WP5       | 60        | T07300FWP | T07300WPP           | 1,750       | T07300WPB |

Trim Head, Unpainted

Type 305 Stainless Steel



| Size | Length (in.) | Head Diameter (in.) | Bit Size | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | Clamshell |           | 350-Count Model No. | Bulk Bucket |           |
|------|--------------|---------------------|----------|-----------------------|-----------------|-----------------|-----------|-----------|---------------------|-------------|-----------|
|      |              |                     |          |                       |                 |                 | Count     | Model No. |                     | Count       | Model No. |
| #7   | 1            | 0.230               | T15      | 303                   | S07100WP1       | S07100WP5       | —         | —         | —                   | 5,000       | S07100WPB |
| #7   | 1 ¼          | 0.230               | T15      | 264                   | S07125WP1       | S07125WP5       | —         | —         | S07125WPP           | 5,000       | S07125WPB |
| #7   | 1 ⅝          | 0.230               | T15      | 195                   | S07162WP1       | S07162WP5       | 135       | S07162FWP | S07162WPP           | 4,000       | S07162WPB |
| #7   | 2            | 0.230               | T15      | 156                   | S07200WP1       | S07200WP5       | —         | —         | S07200WPP           | 4,000       | S07200WPB |
| #7   | 2 ¼          | 0.230               | T15      | 138                   | S07225WP1       | S07225WP5       | 100       | S07225FWP | S07225WPP           | 1,750       | S07225WPB |
| #7   | 2 ½          | 0.230               | T15      | 121                   | S07250WP1       | S07250WP5       | —         | —         | S07250WPP           | 1,750       | S07250WPB |
| #7   | 3            | 0.230               | T15      | 98                    | S07300WP1       | S07300WP5       | 60        | S07300FWP | S07300WPP           | 1,750       | S07300WPB |
| #8   | 2 ½          | 0.250               | T20      | 109                   | —               | —               | —         | —         | S08250WPP           | 1,750       | S08250WPB |
| #8   | 3            | 0.250               | T20      | 91                    | —               | —               | —         | —         | S08300WPP           | 1,750       | S08300WPB |
| #9   | 3 ½          | 0.250               | T20      | 70                    | S09350WP1       | S09350WP5       | 35        | S09350FWP | —                   | 1,500       | S09350WPB |
| #9   | 4            | 0.250               | T20      | 61                    | S09400WP1       | S09400WP5       | —         | —         | —                   | 1,000       | S09400WPB |

1.6-lobe bit replacements: T15 uses BIT15T-2-R2; T20 uses BIT20T-2-R2.

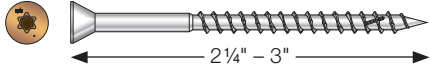
## Exterior Screws

### Deck-Drive™ DWP WOOD SS Screw (cont.)

#### Trim Head, Painted

- Painted heads blend with hardwood decking material

#### Type 316 Stainless Steel



| Size | Length (in.) | Head Diameter* (in.) | Bit Size | 350-Count Model No. | 1,750-Count Model No. |
|------|--------------|----------------------|----------|---------------------|-----------------------|
| #7   | 2¼           | 0.230                | T15      | T07225WJI           | T07225WCI             |
| #7   | 3            | 0.230                | T15      | T07300WJI           | T07300WCI             |



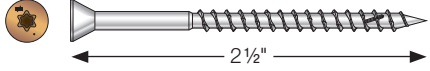
Tan 03

\*6-lobe bit replacement: T15 uses BIT15T-2-R2. See p. 129 for more information.

#### Trim Head, Painted

- Painted heads blend with hardwood decking material

#### Type 305 Stainless Steel



| Size | Length (in.) | Head Diameter* (in.) | Bit Size | 350-Count Model No. | 1,750-Count Model No. |
|------|--------------|----------------------|----------|---------------------|-----------------------|
| #8   | 2½           | 0.250                | T20      | S08250WJI           | S08250WCI             |



Tan 03

\*6-lobe bit replacement: T20 uses BIT20T-2-R2. See p. 129 for more information.



# Exterior Screws

## Deck-Drive™ DSV WOOD Screw

### Preservative-Treated Decking, Exterior Wood and Engineered Wood Applications

The Deck-Drive DSV Wood screw is a powerful, load-rated fastening solution for preservative-treated decking applications. With its underhead nibs and fast-start tip, the DSV is ideally suited to be driven and countersunk into today's wood deck boards. The shank is designed to withstand the swelling and shrinkage that is common with wood decking products. Available in hand-drive and in collated strips for use in our Quik Drive® auto-feed screw driving system, DSV screws are also offered in a variety of sizes to fasten fascia and trim.

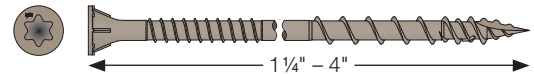
#### Features:

- #10 DSV Wood screws are load rated for shear, pull-through and withdrawal resistance
- Low-torque threads allow up to 35% more screws to be driven on a battery charge
- Rimmed flat head with nibs countersinks easily and provides a clean, finished appearance
- High-low tip threads with Type-17 point provides fast starts
- Optimized threads for dimensional lumber
- Quik Guard® coating provides corrosion resistance for exterior and certain preservative-treated wood applications as described by ICC-ES AC257, exposure conditions 1 and 3
- Color blends with wood decking
- T25 6-lobe driver bit included (replacement driver bit — BIT25T-2-R2)

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

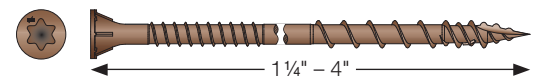
This screw is also available collated for the Quik Drive system. See p. 218 for details.

**For Technical Data and Loads**, see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 35, 45–46, 154–155, 176–177



### Quik Guard Coating — Tan

| Size | Length (in.) | Head Dia. (in.) | Approx. Count per Pound | 1 lb. Model No. | 5 lb. Model No. | 350-Count Model No. | Retail Package |       | Mini-Bulk |       |
|------|--------------|-----------------|-------------------------|-----------------|-----------------|---------------------|----------------|-------|-----------|-------|
|      |              |                 |                         |                 |                 |                     | Model No.      | Count | Model No. | Count |
| #8   | 1 1/4        | 0.330           | 194                     | DSVT114R1LB     | DSVT114R5LB     | DSVT114R350         | —              | —     | DSVT114MB | 1,750 |
| #8   | 1 5/8        | 0.330           | 159                     | DSVT158R1LB     | DSVT158R5LB     | DSVT158R350         | DSVT158R160    | 160   | DSVT158MB | 1,750 |
| #10  | 2            | 0.330           | 113                     | DSVT2R1LB       | DSVT2R5LB       | DSVT2R350           | DSVT2R110      | 110   | DSVT2MB   | 1,750 |
|      |              |                 |                         |                 |                 |                     | DSVT2R330      | 330   |           |       |
| #10  | 2 1/2        | 0.330           | 91                      | DSVT212R1LB     | DSVT212R5LB     | DSVT212R350         | DSVT212R80     | 80    | DSVT212MB | 1,750 |
|      |              |                 |                         |                 |                 |                     | DSVT212R240    | 240   |           |       |
| #10  | 3            | 0.330           | 76                      | DSVT3R1LB       | DSVT3R5LB       | DSVT3R350           | DSVT3R70       | 70    | DSVT3MB   | 1,750 |
|      |              |                 |                         |                 |                 |                     | DSVT3R210      | 210   |           |       |
| #10  | 3 1/2        | 0.330           | 66                      | DSVT312R1LB     | DSVT312R5LB     | DSVT312R350         | DSVT312R60     | 60    | DSVT312MB | 1,000 |
| #10  | 4            | 0.330           | 59                      | DSVT4R1LB       | DSVT4R5LB       | DSVT4R350           | DSVT4R50       | 50    | DSVT4MB   | 1,000 |



### Quik Guard Coating — Red

| Size | Length (in.) | Head Dia. (in.) | Approx. Count per Pound | 1 lb. Model No. | 5 lb. Model No. | 350-Count Model No. | Mini-Bulk |       |
|------|--------------|-----------------|-------------------------|-----------------|-----------------|---------------------|-----------|-------|
|      |              |                 |                         |                 |                 |                     | Model No. | Count |
| #8   | 1 1/4        | 0.330           | 194                     | DSVR114R1LB     | DSVR114R5LB     | DSVR114R350         | DSVR114MB | 1,750 |
| #8   | 1 5/8        | 0.330           | 159                     | DSVR158R1LB     | DSVR158R5LB     | DSVR158R350         | DSVR158MB | 1,750 |
| #10  | 2            | 0.330           | 113                     | DSVR2R1LB       | DSVR2R5LB       | DSVR2R350           | DSVR2MB   | 1,750 |
| #10  | 2 1/2        | 0.330           | 91                      | DSVR212R1LB     | DSVR212R5LB     | DSVR212R350         | DSVR212MB | 1,750 |
| #10  | 3            | 0.330           | 76                      | DSVR3R1LB       | DSVR3R5LB       | DSVR3R350           | DSVR3MB   | 1,750 |
| #10  | 3 1/2        | 0.330           | 66                      | DSVR312R1LB     | DSVR312R5LB     | DSVR312R350         | DSVR312MB | 1,000 |
| #10  | 4            | 0.330           | 59                      | DSVR4R1LB       | DSVR4R5LB       | DSVR4R350           | DSVR4MB   | 1,000 |

## Exterior Screws

# Deck-Drive™ DHPD HARDWOOD Screw

### Hardwood Decking, Docks and Boardwalks

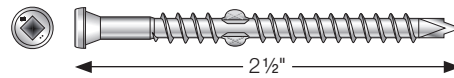
The Deck-Drive DHPD Hardwood screw is specially designed to penetrate the hardest wood and wood-based products with ease. With its unique paddle-style drill point, it virtually eliminates splitting without predrilling. The wings on the shank counterbore hard material, allowing the head to countersink easily for a clean, finished look. Available in Type 305 stainless steel for additional corrosion protection.

#### Features:

- Penetrate the hardest wood products without predrilling
- Compact head ensures a low-profile installation and reduced visibility
- Wings on the shank counterbore hard material and allow the head to countersink for a clean look
- Driver bit included in each package
- #2 square drive (replacement bit model BIT2S-2-R2, see p. 129 for more information)

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

This screw is also available collated for the Quik Drive® system. See p. 220 for details.



### Type 305 Stainless Steel

| Size | Length (in.) | Head Diameter (in.) | 100-Count Model No. | 350-Count Model No. | 1,000-Count Model No. | 1,750-Count Model No. |
|------|--------------|---------------------|---------------------|---------------------|-----------------------|-----------------------|
| #10  | 2½           | 0.270               | DHPDSS212R100       | DHPDSS212R350       | DHPDSS212R1000        | DHPDSS212MB           |

# Exterior Screws

## Bugle-Head Wood Screw — 6-Lobe Drive

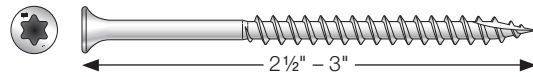
### Common Applications:

- Fasten all types of wood decking including cedar, redwood, preservative-treated and engineered wood products

### Features:

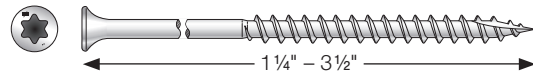
- Available in Types 316 and 305 stainless steel
- Type-17 point for fast starts
- Coarse threads on approximately  $\frac{2}{3}$  of the shank draw the decking and other material tightly to the framing
- 6-lobe drive results in easier driving and longer bit life
- 350-count packs contain enough screws to fasten 100 sq. ft. of decking (6" nominal-width boards installed on 16" o.c. joists)
- Choose Type 316 for seaside applications and superior corrosion resistance
- Driver bit included in each package
- Predrilling recommended near board ends to prevent splitting
- #6 screws: T15 6-lobe drive (replacement bit model BIT15T-2-R2)
- #8 screws: T20 6-lobe drive (replacement bit model BIT20T-2-R2)
- #10 screws: T25 6-lobe drive (replacement bit model BIT25T-2-R2)

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.



### Type 316 Stainless Steel

| Size | Length (in.) | Head Diameter (in.) | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | 350-Count Model No. | Bulk Bucket |           |
|------|--------------|---------------------|-----------------------|-----------------|-----------------|---------------------|-------------|-----------|
|      |              |                     |                       |                 |                 |                     | Count       | Model No. |
| #10  | 2½           | 0.340               | 82                    | T10250DT1       | T10250DT5       | —                   | 2,000       | T10250DTB |
| #10  | 3            | 0.340               | 68                    | T10300DT1       | T10300DT5       | —                   | 1,500       | T10300DTB |



### Type 305 Stainless Steel

| Size | Length (in.) | Head Diameter (in.) | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | 350-Count Model No. | Bulk Bucket |           |
|------|--------------|---------------------|-----------------------|-----------------|-----------------|---------------------|-------------|-----------|
|      |              |                     |                       |                 |                 |                     | Count       | Model No. |
| #6   | 1¼           | 0.340               | 243                   | S06125DT1       | S06125DT5       | —                   | 5,000       | S06125DTB |
| #8   | 1½           | 0.340               | 150                   | S08162DT1       | S08162DT5       | —                   | 4,000       | S08162DTB |
| #8   | 2            | 0.340               | 128                   | S08200DT1       | S08200DT5       | —                   | 3,000       | S08200DTB |
| #10  | 2½           | 0.340               | 82                    | S10250DT1       | S10250DT5       | S10C250DTP          | 2,000       | S10250DTB |
| #10  | 3            | 0.340               | 68                    | S10300DT1       | S10300DT5       | S10C300DTP          | 1,500       | S10300DTB |
| #10  | 3½           | 0.340               | 56                    | S10350DT1       | S10350DT5       | —                   | 1,000       | S10350DTB |



## Exterior Screws

### Bugle-Head Wood Screw — Square Drive

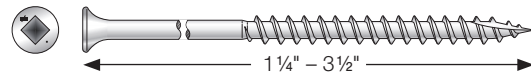
#### Common Applications:

- Fasten all types of wood decking including cedar, redwood, preservative-treated and engineered wood products

#### Features:

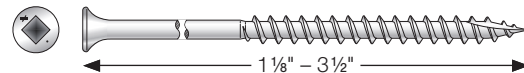
- Available in Types 316 and 305 stainless steel
- Type-17 point for fast starts
- Coarse threads approximately  $\frac{2}{3}$  up the shank draw the decking and other material tightly to the substrate
- 350-count packs contain enough screws to fasten 100 sq. ft. of decking (6" nominal-width boards installed on 16" o.c. joists)
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance
- Driver bit included in each package
- Predrilling recommended near board ends to prevent splitting
- #8 and #10 screws: #2 square drive (replacement bit model BIT2S-2-R2)

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.



#### Type 316 Stainless Steel

| Size | Length (in.) | Head Diameter (in.) | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | Bulk Bucket |           |
|------|--------------|---------------------|-----------------------|-----------------|-----------------|-------------|-----------|
|      |              |                     |                       |                 |                 | Count       | Model No. |
| #8   | 1 1/4        | 0.340               | 185                   | T08125DB1       | —               | —           | —         |
| #8   | 1 5/8        | 0.340               | 150                   | T08162DB1       | T08162DB5       | 4,000       | T08162DBB |
| #8   | 2            | 0.340               | 128                   | T08200DB1       | T08200DB5       | 3,000       | T08200DBB |
| #10  | 2 1/2        | 0.340               | 82                    | T10250DB1       | T10250DB5       | 2,000       | T10250DBB |
| #10  | 3            | 0.340               | 68                    | T10300DB1       | T10300DB5       | 1,500       | T10300DBB |
| #10  | 3 1/2        | 0.340               | 56                    | T10350DB1       | T10350DB5       | 1,000       | —         |



#### Type 305 Stainless Steel

| Size | Length (in.) | Head Diameter (in.) | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | Bulk Bucket |           |
|------|--------------|---------------------|-----------------------|-----------------|-----------------|-------------|-----------|
|      |              |                     |                       |                 |                 | Count       | Model No. |
| #8   | 1 1/8        | 0.340               | 226                   | —               | —               | 5,000       | S08112DBB |
| #8   | 1 1/4        | 0.340               | 185                   | —               | —               | 5,000       | S08125DBB |
| #8   | 1 5/8        | 0.340               | 150                   | S08162DB1       | S08162DB5       | 4,000       | S08162DBB |
| #8   | 2            | 0.340               | 128                   | S08200DB1       | S08200DB5       | 3,000       | S08200DBB |
| #8   | 2 1/2        | 0.340               | 102                   | —               | —               | 2,000       | S08250DBB |
| #10  | 1 1/4        | 0.340               | 153                   | —               | —               | 4,000       | S10125DBB |
| #10  | 1 1/2        | 0.340               | 134                   | —               | —               | 3,500       | S10150DBB |
| #10  | 1 3/4        | 0.340               | 115                   | —               | —               | 3,000       | S10175DBB |
| #10  | 2            | 0.340               | 96                    | —               | —               | 2,500       | S10200DBB |
| #10  | 2 1/2        | 0.340               | 82                    | S10250DB1       | S10250DB5       | 2,000       | S10250DBB |
| #10  | 3            | 0.340               | 68                    | S10300DB1       | S10300DB5       | 1,500       | S10300DBB |
| #10  | 3 1/2        | 0.340               | 56                    | S10350DB1       | S10350DB5       | 1,000       | S10350DBB |

## Exterior Screws

### Trim-Head Screw — Square Drive

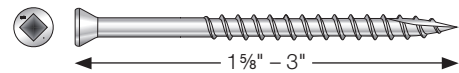
#### Common Applications:

- Fasten wood decking and some decking materials

#### Features:

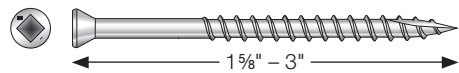
- Trim-style head is less noticeable on the decking surface
- Type-17 point for fast starts
- Coarse threads on approximately  $\frac{2}{3}$  of the shank draw the decking and other material tightly to the framing
- Driver bit included in each package
- 350-count packs contain enough screws to fasten 100 sq. ft. of decking (6" nominal-width boards installed on 16" o.c. joists)
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance
- Predrilling recommended near board ends to prevent splitting
- Replacement bit part number: BIT1S-2-R2

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.



#### Type 316 Stainless Steel

| Size | Length (in.)    | Head Diameter (in.) | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | Bulk Bucket |           |
|------|-----------------|---------------------|-----------------------|-----------------|-----------------|-------------|-----------|
|      |                 |                     |                       |                 |                 | Count       | Model No. |
| #7   | 1 $\frac{5}{8}$ | 0.230               | 195                   | T07162FB1       | T07162FB5       | 4,000       | T07162FBB |
| #7   | 2 $\frac{1}{4}$ | 0.230               | 138                   | T07225FB1       | T07225FB5       | 3,000       | T07225FBB |
| #7   | 3               | 0.230               | 98                    | T07300FB1       | T07300FB5       | 2,000       | T07300FBB |



#### Type 305 Stainless Steel

| Size | Length (in.)    | Head Diameter (in.) | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | Clamshell |            | 350-Count Model No. | Bulk Bucket |           |
|------|-----------------|---------------------|-----------------------|-----------------|-----------------|-----------|------------|---------------------|-------------|-----------|
|      |                 |                     |                       |                 |                 | Count     | Model No.  |                     | Count       | Model No. |
| #7   | 1 $\frac{5}{8}$ | 0.230               | 195                   | S07162FB1       | S07162FB5       | 135       | S07C162FBP | S07C162PAK          | 4,000       | S07162FBB |
| #7   | 2 $\frac{1}{4}$ | 0.230               | 138                   | S07225FB1       | S07225FB5       | 100       | S07C225FBP | S07C225PAK          | 3,000       | S07225FBB |
| #7   | 3               | 0.230               | 98                    | S07300FB1       | S07300FB5       | 60        | S07C300FBP | S07C300PAK          | 2,000       | S07300FBB |

# Exterior Screws

## Trim-Head Screw — 6-Lobe Drive

### Common Applications:

- Fasten wood decking and some PVC decking materials

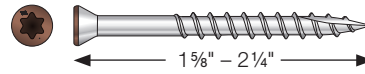
### Features:

- Trim-style head is less noticeable on the decking surface
- Type-17 point for fast starts
- Coarse threads on approximately 2/3 of the shank draw the decking and other material tightly to the framing
- 6-lobe drive provides drive control and long bit life
- 350-count packs contain enough screws to fasten 100 sq. ft. of decking (6" nominal-width boards installed on 16" o.c. joists)
- Choose Type 316 for seaside applications and superior corrosion resistance
- Predrilling recommended near board ends to prevent splitting
- T15 6-lobe drive (replacement bit model BIT15T-2-R2)

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

### Painted

- Heads painted for a concealed appearance
- See pp. 24–25 for Color Reference Chart for Decking Manufacturers



## Type 316 Stainless Steel — 6-Lobe Drive

| Size x Length (in.) | Head Dia. (in.) | Head Color | Approx. Count per lb. | Clamshell (70 ct.) | 1 lb. Model No. | 5 lb. Model No. | 350-Count Model No. | 1,750-Count Model No. |
|---------------------|-----------------|------------|-----------------------|--------------------|-----------------|-----------------|---------------------|-----------------------|
| #7 x 1 1/8"         | 0.230           | Black      | 195                   | T07162FT70BK       | —               | —               | —                   | —                     |
| #7 x 1 1/8"         | 0.230           | Brown 01   | 195                   | T07162FT70BR01     | —               | —               | T07162FTPBR01       | —                     |
| #7 x 1 1/8"         | 0.230           | Gray       | 195                   | T07162FT70GR       | —               | —               | T07162FTPGR         | —                     |
| #7 x 1 1/8"         | 0.230           | Gray 01    | 195                   | T07162FT70GR01     | —               | —               | T07162FTPGR01       | —                     |
| #7 x 1 1/8"         | 0.230           | Tan        | 195                   | T07162FT70TN       | —               | —               | T07162FTPTN         | —                     |
| #7 x 1 1/8"         | 0.230           | Tan 02     | 195                   | T07162FT70TN02     | —               | —               | T07162FTPTN02       | —                     |
| #7 x 1 1/8"         | 0.230           | Tan 03     | 195                   | T07162FT70TN03     | —               | —               | T07162FTPTN03       | —                     |
| #7 x 1 1/8"         | 0.230           | White      | 195                   | T07162FT70WH01     | T07162FT1WH01   | T07162FT5WH01   | T07162FTPWH01       | —                     |
| #7 x 2 1/4"         | 0.230           | Black      | 138                   | T07225FT70BK       | —               | —               | —                   | —                     |
| #7 x 2 1/4"         | 0.230           | Brown 01   | 138                   | T07225FT70BR01     | —               | —               | T07225FTPBR01       | T07225FTBBR01         |
| #7 x 2 1/4"         | 0.230           | Brown 05   | 138                   | T07225FT70BR05     | —               | —               | T07225FTPBR05       | T07225FTBBR05         |
| #7 x 2 1/4"         | 0.230           | Gray       | 138                   | T07225FT70GR       | —               | —               | T07225FTPGR         | T07225FTBGR           |
| #7 x 2 1/4"         | 0.230           | Gray 01    | 138                   | T07225FT70GR01     | —               | —               | T07225FTPGR01       | T07225FTBGR01         |
| #7 x 2 1/4"         | 0.230           | Gray 03    | 138                   | T07225FT70GR03     | —               | —               | T07225FTPGR03       | T07225FTBGR03         |
| #7 x 2 1/4"         | 0.230           | Gray 04    | 138                   | T07225FT70GR04     | —               | —               | T07225FTPGR04       | T07225FTBGR04         |
| #7 x 2 1/4"         | 0.230           | Red 01     | 138                   | T07225FT70RD01     | —               | —               | T07225FTPRD01       | T07225FTBRD01         |
| #7 x 2 1/4"         | 0.230           | Tan        | 138                   | T07225FT70TN       | —               | —               | T07225FTPTN         | T07225FTBTN           |
| #7 x 2 1/4"         | 0.230           | Tan 01     | 138                   | T07225FT70TN01     | —               | —               | T07225FTPTN01       | T07225FTBTN01         |
| #7 x 2 1/4"         | 0.230           | Tan 02     | 138                   | T07225FT70TN02     | —               | —               | T07225FTPTN02       | T07225FTBTN02         |
| #7 x 2 1/4"         | 0.230           | Tan 03     | 138                   | T07225FT70TN03     | —               | —               | T07225FTPTN03       | T07225FTBTN03         |
| #7 x 2 1/4"         | 0.230           | Tan 04     | 138                   | T07225FT70TN04     | —               | —               | T07225FTPTN04       | T07225FTBTN04         |
| #7 x 2 1/4"         | 0.230           | White      | 138                   | T07225FT70WH01     | T07225FT1WH01   | T07225FT5WH01   | T07225FTPWH01       | T07225FTBWH01         |



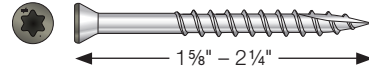


# Exterior Screws

## Trim-Head Screw — 6-Lobe Drive (cont.)

### Painted

- Heads painted for a concealed appearance
- See pp. 24–25 for Color Reference Chart for Decking Manufacturers

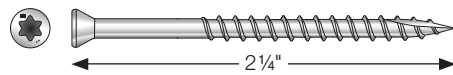


### Type 305 Stainless Steel — 6-Lobe Drive

| Size x Length (in.) | Head Dia. (in.) | Head Color | Approx. Count per lb. | Clamshell (70 ct.) | 1 lb. Model No. | 5 lb. Model No. | Deck Pack (350 ct.) | Contractor Pack (1,750 ct.) |
|---------------------|-----------------|------------|-----------------------|--------------------|-----------------|-----------------|---------------------|-----------------------------|
| #7 x 1 5/8          | 0.230           | White      | 195                   | S07162FT70WH01     | S07162FT1WH01   | S07162FT5WH01   | S07162FTPWH01       | S07162FTBWH01               |
| #7 x 2 1/4          | 0.230           | Black      | 138                   | —                  | —               | —               | S07225FTPBK         | S07225FTBBK                 |
| #7 x 2 1/4          | 0.230           | Brown 01   | 138                   | —                  | —               | —               | S07225FTPBR01       | S07225FTBBR01               |
| #7 x 2 1/4          | 0.230           | Brown 05   | 138                   | —                  | —               | —               | S07225FTPBR05       | S07225FTBBR05               |
| #7 x 2 1/4          | 0.230           | Gray       | 138                   | —                  | —               | —               | S07225FTPGR         | S07225FTBGR                 |
| #7 x 2 1/4          | 0.230           | Gray 01    | 138                   | —                  | —               | —               | S07225FTPGR01       | S07225FTBGR01               |
| #7 x 2 1/4          | 0.230           | Gray 03    | 138                   | —                  | —               | —               | S07225FTPGR03       | S07225FTBGR03               |
| #7 x 2 1/4          | 0.230           | Gray 04    | 138                   | —                  | —               | —               | S07225FTPGR04       | S07225FTBGR04               |
| #7 x 2 1/4          | 0.230           | Red 01     | 138                   | —                  | —               | —               | S07225FTPRD01       | S07225FTBRD01               |
| #7 x 2 1/4          | 0.230           | Tan        | 138                   | —                  | —               | —               | S07225FTPTN         | S07225FTBTN                 |
| #7 x 2 1/4          | 0.230           | Tan 01     | 138                   | —                  | —               | —               | S07225FTPTN01       | S07225FTBTN01               |
| #7 x 2 1/4          | 0.230           | Tan 02     | 138                   | —                  | —               | —               | S07225FTPTN02       | S07225FTBTN02               |
| #7 x 2 1/4          | 0.230           | Tan 03     | 138                   | —                  | —               | —               | S07225FTPTN03       | S07225FTBTN03               |
| #7 x 2 1/4          | 0.230           | Tan 04     | 138                   | —                  | —               | —               | S07225FTPTN04       | S07225FTBTN04               |
| #7 x 2 1/4          | 0.230           | White      | 138                   | S07225FT70WH01     | S07225FT1WH01   | S07225FT5WH01   | S07225FTPWH01       | S07225FTBWH01               |



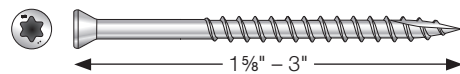
### Unpainted



### Type 316 Stainless Steel

| Size | Length (in.) | Head Diameter (in.) | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | 350-Count Model No. | Bulk Bucket |           |
|------|--------------|---------------------|-----------------------|-----------------|-----------------|---------------------|-------------|-----------|
|      |              |                     |                       |                 |                 |                     | Count       | Model No. |
| #7   | 2 1/4        | 0.230               | 138                   | —               | —               | —                   | 3,000       | T07225FTB |

### Unpainted



### Type 305 Stainless Steel

| Size | Length (in.) | Head Diameter (in.) | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | Bulk Bucket |           |
|------|--------------|---------------------|-----------------------|-----------------|-----------------|-------------|-----------|
|      |              |                     |                       |                 |                 | Count       | Model No. |
| #7   | 1 5/8        | 0.230               | 195                   | S07162FT1       | S07162FT5       | 4,000       | S07162FTB |
| #7   | 2 1/4        | 0.230               | 138                   | S07225FT1       | S07225FT5       | 3,000       | S07225FTB |
| #7   | 3            | 0.230               | 98                    | S07300FT1       | S07300FT5       | 2,000       | S07300FTB |

# Exterior Screws

## Wafer-Head Construction Screw

### Cabinet Assembly and Installation; Multipurpose Wood-to-Wood Connections

The Wafer-Head Construction screw (CBT) is a versatile, multi-purpose fastening solution for a variety of interior or exterior applications, such as cabinet installation and wood-to-wood applications where high pull-through capacity is required. With its low torque threads and fast-start point, the CBT screw drives effortlessly and is ideally suited to drive into wood or engineered wood materials. Available in convenient quantities, CBT screws are offered in select sizes for fastening a variety of projects.

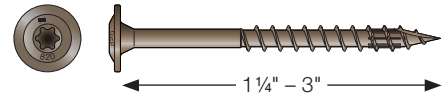
#### Features:

- Quik Guard® coating for interior or exterior use
- 6-lobe recess for secure driving
- SawTooth® point technology for fast starts and easy driving
- Wafer head provides high pull-through resistance
- Bit replacement: BIT20T-2-R2

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**For Technical Data and Loads**, see C-F-2023TECHSUP *Fastening Systems Technical Guide*, p. 33

US Patent: 9,523,383



### Quik Guard Coating

| Size | Length (in.) | Drive Type | Retail Pack |              | Contractor Pack |              | Mini-Bulk |            |
|------|--------------|------------|-------------|--------------|-----------------|--------------|-----------|------------|
|      |              |            | Quantity    | Model No.    | Quantity        | Model No.    | Quantity  | Model No.  |
| #8   | 1 ¼          | T20        | 100         | CBT08114R100 | 300             | CBT08114R300 | 5,000     | CBT08114MB |
| #8   | 1 ½          | T20        | 100         | CBT08112R100 | 300             | CBT08112R300 | 4,000     | CBT08112MB |
| #8   | 2            | T20        | 100         | CBT08200R100 | 300             | CBT08200R300 | 3,000     | CBT08200MB |
| #8   | 2 ½          | T20        | 60          | CBT08212R60  | 200             | CBT08212R200 | 1,750     | CBT08212MB |
| #8   | 3            | T20        | 50          | CBT08300R50  | 200             | CBT08300R200 | 1,500     | CBT08300MB |

Retail pack master carton quantity: 5; contractor pack master carton size: 6.

# Exterior Screws

## Finish Trim Screw

### Multipurpose Screw for Trim, Cladding, Fascia and Other Wood-to-Wood Fastening

The Finish Trim (FT) screw is a versatile, multipurpose fastening solution for a variety of interior applications, such as the installation of trim, cladding and fascia. With its low-torque threads and fast-start point, the FT screw drives effortlessly and is ideally suited to be countersunk into sawn lumber or engineered wood materials. Its mini trim head provides minimal screw head visibility. Available in convenient quantities, FT screws are offered in select sizes for fastening a variety of projects.

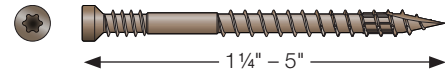
#### Features:

- Choice of Quik Guard® or 316 stainless steel for severe-corrosion resistance
- 6-lobe recess for secure driving
- SawTooth® point technology for fast starts and easy driving
- Small, easily-concealed head for a professional finish
- Underhead threads provide cleaner countersink and pull side member down tight
- T10 6-lobe driver bit included with #7 sizes (replacement driver bit BIT10T-2-R2); T15 6-lobe driver bit included with #9 sizes (replacement driver bit BIT15T-2-R2)

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

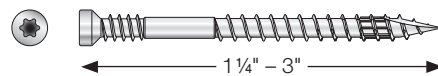
**For Technical Data and Loads**, see C-F-2023TECHSUP *Fastening Systems Technical Guide*, p. 34

US Patent: 9,523,353



### Quik Guard Coating

| Size | Length (in.) | Drive Type | Material Color | Retail Pack |              | Contractor Pack |              | Mini-Bulk |           |
|------|--------------|------------|----------------|-------------|--------------|-----------------|--------------|-----------|-----------|
|      |              |            |                | Quantity    | Model No.    | Quantity        | Model No.    | Quantity  | Model No. |
| #7   | 1¼           | T10        | Tan            | 100         | FT07114R100  | 500             | FT07114R500  | —         | —         |
| #7   | 1½           | T10        | Tan            | 100         | FT07112R100  | 500             | FT07112R500  | 4,000     | FT07112MB |
| #7   | 2            | T10        | Tan            | 100         | FT07200R100  | 450             | FT07200R450  | 4,000     | FT07200MB |
| #7   | 2½           | T10        | Tan            | 100         | FT07212R100  | 400             | FT07212R400  | 1,750     | FT07212MB |
| #7   | 3            | T10        | Tan            | 100         | FT07300R100  | 300             | FT07300R300  | 1,750     | FT07300MB |
| #9   | 4            | T15        | Tan            | 50          | FT09400R50   | —               | —            | 1,000     | FT09400MB |
| #9   | 5            | T15        | Tan            | 50          | FT09500R50   | —               | —            | 500       | FT09500MB |
| #7   | 2            | T10        | White          | 100         | FT07200R100W | 450             | FT07200R450W | —         | —         |
| #7   | 2½           | T10        | White          | 100         | FT07212R100W | 400             | FT07212R400W | —         | —         |
| #7   | 3            | T10        | White          | 100         | FT07300R100W | 300             | FT07300R300W | —         | —         |



### Type 316 Stainless Steel

| Size | Length (in.) | Drive Type | Retail Pack |             | Contractor Pack |             |
|------|--------------|------------|-------------|-------------|-----------------|-------------|
|      |              |            | Quantity    | Model No.   | Quantity        | Model No.   |
| #7   | 1¼           | T10        | 100         | FT07114T100 | 500             | FT07114T500 |
| #7   | 1½           | T10        | 100         | FT07112T100 | 500             | FT07112T500 |
| #7   | 2            | T10        | 100         | FT07200T100 | 450             | FT07200T450 |
| #7   | 2½           | T10        | 100         | FT07212T100 | 400             | FT07212T400 |
| #7   | 3            | T10        | 100         | FT07300T100 | 300             | FT07300T300 |



## Exterior Screws

### PVC Trim-Board Screw

#### PVC Trim and Fascia Applications

The PVC Trim-Board screw is a special-purpose fastener engineered for easy installations of exterior PVC trim onto wood. The fastener's triple-thread design allows for low-torque driving and increased holding power. The box-shaped cutter head bores through PVC materials, stripping away excess during countersinking, while the flat-washer underhead provides for less board pull-through and a clean, flush finish.

The PVC Trim-Board screw is available in a white exterior-grade coating that provides medium-level corrosion resistance, making it ideal for outdoor applications where the fastener blends into popular white PVC trim.

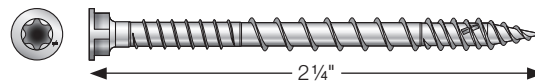
#### Features:

- Unique box-shaped cutter head
- Triple-thread design for low-torque driving and holding boards securely
  - Optimized-thread pattern draws members together tightly
  - Low-torque threads for easy driving
  - High-low threaded tip for fast starts
- 6-lobe drive provides secure engagement with the screw for easy installations and longer bit life — T20 bit included
- White exterior-grade coating blends with popular white trim boards
- T20 6-lobe drive (replacement bit model BIT20T-2-R2)

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

Simpson Strong-Tie internal test results indicate that the PVC Trim-Board screw provides higher pull-through resistance than other trim-head screws.

US Patent: 10,480,559



#### White Exterior-Grade Coating

| Size | Length (in.) | Point Type      | Model No.     | Quantity |
|------|--------------|-----------------|---------------|----------|
| #8   | 2 1/4        | High-low thread | TSV214R70WH01 | 70       |

# Exterior Screws

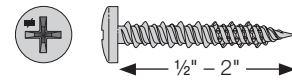
## Marine Screw — Pan Head

### Common Applications:

- Designed to fasten securely in fiberglass, plywood and wood-substitute materials in applications exposed to severe marine or many chemically-caustic conditions. Ideal for applying trim, rub rail and molding to fiberglass boat hulls.

### Features:

- Specially engineered, high/low thread form incorporates indentations (“teeth”) that cut easily and quickly through high-density materials
- Extra-sharp points speed screw starts during assembly
- Screws up to 1" in length are fully threaded; screws more than 1" long are threaded  $\frac{2}{3}$  of the shank length
- #2 Phillips drive (sizes #6, #8, #10)
- #3 Phillips drive (sizes #12)



### Type 316 Stainless Steel

| Size | Length (in.) | Head Diameter (in.) | Retail Clamshell |                | 100-Count Model No. | 1,000-Count Model No. |
|------|--------------|---------------------|------------------|----------------|---------------------|-----------------------|
|      |              |                     | Count            | Model No.      |                     |                       |
| #6   | 1/2          | 0.260               | 25               | T06J050PX-RP25 | T06J050PXC          | T06J050PXM            |
| #6   | 3/4          | 0.260               | 25               | T06J075PX-RP25 | T06J075PXC          | T06J075PXM            |
| #8   | 3/4          | 0.310               | —                | —              | T08J075PXC          | T08J075PXM            |
| #10  | 3/4          | 0.365               | —                | —              | T10J075PXC          | T10J075PXM            |
| #8   | 1            | 0.310               | 20               | T08J100PX-RP20 | T08J100PXC          | T08J100PXM            |
| #10  | 1            | 0.365               | —                | —              | T10J100PXC          | T10J100PXM            |
| #12  | 1            | 0.415               | —                | —              | T12J100PXC          | T12J100PXM            |
| #8   | 1 1/4        | 0.310               | 15               | T08J125PX-RP15 | T08J125PXC          | T08J125PXM            |
| #10  | 1 1/4        | 0.365               | —                | —              | T10J125PXC          | T10J125PXM            |
| #8   | 1 1/2        | 0.310               | —                | —              | T08J150PXC          | T08J150PXM            |
| #10  | 1 1/2        | 0.365               | —                | —              | T10J150PXC          | T10J150PXM            |
| #12  | 1 1/2        | 0.415               | 8                | T12J150PX-RP8  | T12J150PXC          | T12J150PXM            |
| #12  | 2            | 0.415               | 6                | T12J200PX-RP6  | T12J200PXC          | T12J200PXM            |

# Exterior Screws

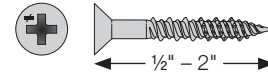
## Marine Screw — Flat Head

### Common Applications:

- Designed to fasten securely in fiberglass, plywood and wood-substitute materials in applications exposed to severe marine or many chemically-caustic conditions. Ideal for applying trim, rub rail and molding to fiberglass boat hulls.

### Features:

- Specially engineered, high/low thread form incorporates indentations (“teeth”) that cut easily and quickly through high-density materials
- Extra-sharp points speed screw starts during assembly
- Screws up to 1" in length are fully threaded; screws more than 1" long are threaded  $\frac{2}{3}$  of the shank length
- #2 Phillips drive



### Type 316 Stainless Steel

| Size | Length (in.) | Head Diameter (in.) | Retail Clamshell |                | 100-Count Model No. | 1,000-Count Model No. |
|------|--------------|---------------------|------------------|----------------|---------------------|-----------------------|
|      |              |                     | Count            | Model No.      |                     |                       |
| #6   | 1/2          | 0.250               | 25               | T06J050FX-RP25 | T06J050FXC          | —                     |
| #6   | 3/4          | 0.250               | 25               | T06J075FX-RP25 | T06J075FXC          | T06J075FXM            |
| #8   | 3/4          | 0.300               | —                | —              | T08J075FXC          | T08J075FXM            |
| #6   | 1            | 0.250               | —                | —              | T06J100FXC          | T06J100FXM            |
| #8   | 1            | 0.300               | 20               | T08J100FX-RP20 | T08J100FXC          | T08J100FXM            |
| #10  | 1            | 0.345               | —                | —              | T10J100FXC          | T10J100FXM            |
| #8   | 1 1/4        | 0.300               | 15               | T08J125FX-RP15 | T08J125FXC          | T08J125FXM            |
| #8   | 1 1/2        | 0.300               | —                | —              | T08J150FXC          | T08J150FXM            |
| #10  | 1 1/2        | 0.345               | 8                | T10J150FX-RP8  | T10J150FXC          | T10J150FXM            |
| #10  | 2            | 0.345               | 6                | T10J200FX-RP6  | T10J200FXC          | T10J200FXM            |



## Exterior Screws

### EB-TY® Premium Hidden Deck-Fastening System™

The EB-TY Premium Hidden Deck-Fastening System is the ideal solution that blends strength with ease of installation in a fastener that won't detract from the deck's finished appearance. Simpson Strong-Tie has redesigned the award-winning EB-TY Hidden Deck-Fastening System by integrating a Type 300 series stainless-steel reinforcing plate that adds stiffness to hold boards in place securely, yet maintains flexibility when seasonal contraction and expansion occur. Combine this innovative new design with our EB-GUIDE predrilling tool, and you have a system that provides hidden strength and is also easy to install.

#### Metal Reinforcement

- Provides holding and pullover resistance
- Type 300 series stainless-steel plate ensures lasting durability in demanding environments
- Prevents over-driving of the screw, helping to ensure consistent, quality installations

#### Angled-Screw Attachment

- Ensures direct attachment of the board to the joist
- Keeps the board from "walking" or sliding
- Allows tighter spacing

#### Covers the Joist

- Protection from direct exposure to sun and rain
- Visually more appealing after installation

US Patents: 7,578,105; 10,537,942; 10,309,099; 10,286,458; 10,113,306

For more information and access to the EB-TY Premium instructional video, visit [strongtie.com/ebtypremium](http://strongtie.com/ebtypremium).



# Exterior Screws

## EB-TY® Premium Hidden Deck Fasteners™

| Size x Length (in.)  | Screw Material (Trim Head) | EB-TY Premium Quantity | Screw Quantity | Ipê Plug Quantity | Model No.      |
|--|----------------------------|------------------------|----------------|-------------------|----------------|
| <b>3/32" Board Spacing — use for 3/4" to 1 1/2" air-dried decking</b>  |                            |                        |                |                   |                |
| #7 x 2 1/4   | Type 305                   | 100                    | 115            | 6                 | EB332WDR100    |
| #7 x 2 1/4   | Type 305                   | 175                    | 190            | 20                | EB332WDR175    |
| #7 x 2 1/4   | Type 305                   | 275                    | 300            | 20                | EB332WDR275    |
| #7 x 2 1/4   | Type 316                   | 175                    | 190            | 20                | EB332WD316R175 |
| #7 x 2 1/4   | Type 316                   | 275                    | 300            | 20                | EB332WD316R275 |
| #7 x 1 5/8   | Type 316                   | 175                    | 190            | 20                | EB332WP316R175 |
| #7 x 2 1/4   | Type 316                   | 875                    | 900            | 36                | EB332WD316R875 |
| <b>3/16" Board Spacing — use for 3/4" to 1 1/2" kiln-dried decking</b> |                            |                        |                |                   |                |
| #7 x 2 1/4   | Type 305                   | 100                    | 115            | 6                 | EB316WDR100    |
| #7 x 2 1/4   | Type 305                   | 175                    | 190            | 20                | EB316WDR175    |
| #7 x 2 1/4   | Type 305                   | 275                    | 300            | 20                | EB316WDR275    |
| #7 x 2 1/4   | Type 316                   | 175                    | 190            | 20                | EB316WD316R175 |
| #7 x 2 1/4   | Type 316                   | 275                    | 300            | 20                | EB316WD316R275 |
| #7 x 1 5/8   | Type 316                   | 175                    | 190            | 20                | EB316WP316R175 |
| <b>1/4" Board Spacing — use for 3/4" to 1 1/2" kiln-dried decking</b>  |                            |                        |                |                   |                |
| #7 x 2 1/4   | Type 305                   | 100                    | 115            | 6                 | EB14WDR100     |
| #7 x 2 1/4   | Type 305                   | 175                    | 190            | 20                | EB14WDR175     |
| #7 x 2 1/4   | Type 305                   | 275                    | 300            | 20                | EB14WDR275     |
| #7 x 2 1/4   | Type 316                   | 175                    | 190            | 20                | EB14WD316R175  |
| #7 x 2 1/4   | Type 316                   | 275                    | 300            | 20                | EB14WD316R275  |
| #7 x 1 5/8   | Type 316                   | 175                    | 190            | 20                | EB14WP316R175  |



EB332W Series



EB316W Series



EB14W Series

- EB332WP, EB14WP, EB316WP series with 1 5/8" screws are designed for roof decks installed on 1" sleepers.
- Model numbers corresponding to kits with 100 and 175 count EB-TY Premium include one drill bit, T15 driver bit and EB-GUIDE tool. Quantities of 275 and 875 count come with two drill bits, driver bits and EB-GUIDE tools.
- Kiln-dried decking has a moisture content of generally 19% or less. Air-dried decking is generally greater than 19% moisture content.

## EB-TY for Composite Decking<sup>1</sup>

| Size x Length (in.) | Screw Material | EB-TY Quantity | Screw Quantity | Model No. |
|---------------------|----------------|----------------|----------------|-----------|
| #7 x 2 1/4          | Type 305       | 175            | 190            | 175-EBTYP |
| #7 x 2 1/4          | Type 316       | 175            | 190            | 175-EB TT |

- The 175-EBTYP and 175-EB TT are original-version EB-TY products (w/o steel reinforcement plate) and come with (10 ct.) #10 x 2 3/4" DCU Composite screws for fastening starter boards.



EB-TY for Composite

## Replacement Parts

| Description                           | Quantity | Model No.    |
|---------------------------------------|----------|--------------|
| #7 x 2 1/4" Trim-Head Screw, Type 316 | 20       | T07225FT20BK |
| Replacement T15 6-Lobe Driver Bit     | 3        | BIT15T-2-R2  |
| 1/8" Quick-Release Wood Drill Bit     | 3        | WDB18QR3-R3  |
| Ipê Wood Plug 3/8"                    | 100      | WDPLUG-100   |
| EB-GUIDE Predrill Tool                | 1        | EB-GUIDE     |

## Ipê Wood Plugs

### Features

- Made of high-quality Ipê and tapered for ease of use
- For use on decks using the EB-TY system (first boards, aprons, etc.); also stairs and railings

| Plug Diameter (in.) | Plug Length (in.) | Count Quantity | Model No.  |
|---------------------|-------------------|----------------|------------|
| 3/8                 | 7/16              | 100            | WDPLUG-100 |
| 3/8                 | 7/16              | 1,000          | WDPLUG1M   |



# Composite Decking Screws

## Deck-Drive™ DCU COMPOSITE Screw

### Fastening Composite Decking Boards

The Deck-Drive DCU Composite screw is engineered to provide beautiful fastening results for all types of composite decking while also offering greater ease of installation, a clean finish and superb corrosion resistance. The Deck-Drive DCU is the go-to-screw for all your composite decking applications, eliminating the need to mix and match screws to the decking.

Deck-Drive DCU Composite decking screws are available in carbon steel with our Quik Guard® coating. For superior corrosion resistance in marine or high-exposure environments, choose the appropriate stainless-steel DCU screw (Type 305 or Type 316). DCU screws provide a clean finish because of their special head design and are available in 11 colors, matched to blend with most major decking manufacturers. These are bulk screws, also available collated for the Quik Drive® auto-feed screw driving system.

The 2" Deck-Drive DCU Composite screws are designed to be the fastener of choice for PVC and composite decking, trim and cladding, including composite decking and cladding products, wood/plastic composites, encapsulated wood/plastic composites and HDPE (high-density polyethylene). In addition, the DCU SS screw is the ideal solution for PVC decking.

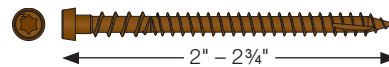
### Features:

- Available in carbon steel, as well as Type 305 and Type 316 stainless steel for high to severe levels of corrosion resistance
- Tri-lobe thread design reduces damage to the composite board while driving
- Inverted upper threads clear excess material to ensure the screw has a clean finish.
- Unique cut point penetrates composite-decking with ease for faster starts
- Cap-head prevents mushrooming and material from rising up above the deck for a smoother, clean-looking installation
- The 2¾" length is an approved fastener by Trex® for Trex composite decking
- The 2¾" length is also available collated for the Quik Drive system; see pp. 226–227 for details
- Refer to pp. 24–25 for color matching information
- Replacement bit part number: BIT20T-2-R2
- Compatible with color-matching DCU Screw Plugs. Refer to pp. 92–93 for DCU Screw Plug information.

**For Technical Data and Loads**, see C-F-2023TECHSUP *Fastening Systems Technical Guide*, p. 156

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

### Carbon Steel, Quik Guard Coating



| Size | Length (in.) | Color    | Clamshell (70 ct.) | Deck Pack (350 ct.) <sup>1</sup> | Contractor Bucket (1,750 ct.) <sup>2</sup> |
|------|--------------|----------|--------------------|----------------------------------|--|
| #10  | 2            | Gray     | DCU2GRR70          | DCU2GRR350                       | —  |
| #10  | 2¾           | Tan      | DCU234TNR70        | DCU234TNR350                     | DCU234TNMB                                 |
| #10  | 2¾           | Tan 01   | DCU234TN01R70      | DCU234TN01R350                   | DCU234TN01MB                               |
| #10  | 2¾           | Tan 02   | DCU234TN02R70      | DCU234TN02R350                   | DCU234TN02MB                               |
| #10  | 2¾           | Tan 03   | DCU234TN03R70      | DCU234TN03R350                   | DCU234TN03MB                               |
| #10  | 2¾           | Gray     | DCU234GRR70        | DCU234GRR350                     | DCU234GRMB                                 |
| #10  | 2¾           | Gray 01  | DCU234GR01R70      | DCU234GR01R350                   | DCU234GR01MB                               |
| #10  | 2¾           | Gray 04  | DCU234GR04R70      | DCU234GR04R350                   | DCU234GR04MB                               |
| #10  | 2¾           | Brown 01 | DCU234BR01R70      | DCU234BR01R350                   | DCU234BR01MB                               |
| #10  | 2¾           | Brown 05 | DCU234BR05R70      | DCU234BR05R350                   | DCU234BR05MB                               |
| #10  | 2¾           | Red      | DCU234RDR70        | DCU234RDR350                     | DCU234RDMB                                 |
| #10  | 2¾           | Red 01   | DCU234RD01R70      | DCU234RD01R350                   | DCU234RD01MB                               |



1. 350 screws install approx. 100 sq. ft. of decking with framing at 16" on-center spacing.

2. 1,750 screws install approx. 500 sq. ft. of decking with framing at 16" on-center spacing.

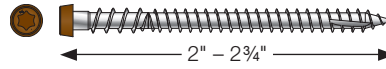


# Composite Decking Screws

## Deck-Drive™ DCU COMPOSITE Screw (cont.)

Painted head

Type 316 Stainless Steel

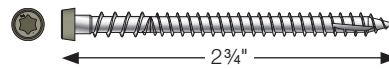


| Size | Length (in.) | Head Color | Clamshell (70 ct.) | Deck Pack (350 ct.) <sup>1</sup> | Contractor Bucket (1,750 ct.) <sup>2</sup> |
|------|--------------|------------|--------------------|----------------------------------|--|
| #10  | 2            | —          | DCU2C316           | DCU2P316                         | —  |
| #10  | 2 3/4        | —          | DCU234C316         | DCU234P316                       | DCU234MB316                                |
| #10  | 2 3/4        | Tan        | DCU234C316TN       | DCU234P316TN                     | DCU234MB316TN                              |
| #10  | 2 3/4        | Tan 01     | DCU234C316TN01     | DCU234P316TN01                   | DCU234MB316TN01                            |
| #10  | 2 3/4        | Tan 02     | DCU234C316TN02     | DCU234P316TN02                   | DCU234MB316TN02                            |
| #10  | 2 3/4        | Tan 03     | DCU234C316TN03     | DCU234P316TN03                   | DCU234MB316TN03                            |
| #10  | 2 3/4        | Gray       | DCU234C316GR       | DCU234P316GR                     | DCU234MB316GR                              |
| #10  | 2 3/4        | Gray 01    | DCU234C316GR01     | DCU234P316GR01                   | DCU234MB316GR01                            |
| #10  | 2 3/4        | Gray 04    | DCU234C316GR04     | DCU234P316GR04                   | DCU234MB316GR04                            |
| #10  | 2 3/4        | Brown 01   | DCU234C316BR01     | DCU234P316BR01                   | DCU234MB316BR01                            |
| #10  | 2 3/4        | Brown 05   | DCU234C316BR05     | DCU234P316BR05                   | DCU234MB316BR05                            |
| #10  | 2 3/4        | Red        | DCU234C316RD       | DCU234P316RD                     | DCU234MB316RD                              |
| #10  | 2 3/4        | Red 01     | DCU234C316RD01     | DCU234P316RD01                   | DCU234MB316RD01                            |



See footnotes below.

Type 305 Stainless Steel



| Size | Length (in.) | Head Color | Clamshell (70 ct.) | Deck Pack (350 ct.) <sup>1</sup> | Contractor Bucket (1,750 ct.) <sup>2</sup> |
|------|--------------|------------|--------------------|----------------------------------|--|
| #10  | 2 3/4        | —          | DCU234C305         | DCU234P305                       | DCU234MB305                                |
| #10  | 2 3/4        | Tan        | —                  | DCU234P305TN                     | DCU234MB305TN                              |
| #10  | 2 3/4        | Tan 01     | —                  | DCU234P305TN01                   | DCU234MB305TN01                            |
| #10  | 2 3/4        | Tan 02     | —                  | DCU234P305TN02                   | DCU234MB305TN02                            |
| #10  | 2 3/4        | Tan 03     | —                  | DCU234P305TN03                   | DCU234MB305TN03                            |
| #10  | 2 3/4        | Gray       | —                  | DCU234P305GR                     | DCU234MB305GR                              |
| #10  | 2 3/4        | Gray 01    | —                  | DCU234P305GR01                   | DCU234MB305GR01                            |
| #10  | 2 3/4        | Gray 04    | —                  | DCU234P305GR04                   | DCU234MB305GR04                            |
| #10  | 2 3/4        | Brown 01   | —                  | DCU234P305BR01                   | DCU234MB305BR01                            |
| #10  | 2 3/4        | Brown 05   | —                  | DCU234P305BR05                   | DCU234MB305BR05                            |
| #10  | 2 3/4        | Red        | —                  | DCU234P305RD                     | DCU234MB305RD                              |
| #10  | 2 3/4        | Red 01     | —                  | DCU234P305RD01                   | DCU234MB305RD01                            |



1. 350 screws install approx. 100 sq. ft. of decking with framing at 16" on-center spacing.

2. 1,750 screws install approx. 500 sq. ft. of decking with framing at 16" on-center spacing.

# Composite Decking Screws

## Deck-Drive™ DCU Screw Plug Solution

For PVC and Composite Decks and Trim Boards

The Deck-Drive DCU Screw Plug Solution is a complete hidden deck-fastening system designed for use with our premium DCU Composite screws, and is comprised of DCU Screw Plugs and the auto-set driver bit (each sold separately). The DCU Screw Plugs are made from materials by major composite and PVC board manufacturers to match your deck and trim boards. No more visible screw heads — a clean, professional finish. Fully compatible with hand-drive and Quik Drive® auto-feed screw driving system installations.

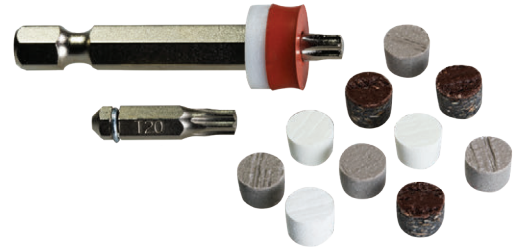
### Features

- Tapered for easy insertion
- Made from original deck and trim materials for an exact match and resistance to weathering
- For use only with Simpson Strong-Tie Deck-Drive DCU Composite screws

### Auto-Set Driver™ Bit

- Perfect for hand-driving Deck-Drive DCU Composite fasteners
- Non-abrasive depth stop to minimize marring the board surface and control drive depth
- T20 6-lobe driver bit for hand driving (model BITTX20-PL) provides secure bit engagement
- When using a Quik Drive system, use the Quik Drive T20 Auto-Set Driver bit (model QRTXPL) with depth set to maximum

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.



## DCU Screw Plugs for Composite Decks

| Material               | Retail Pack<br>20 Sq. Ft. |          | Contractor Pack<br>100 Sq. Ft. |          | Master Carton<br>Quantity | Texture   |
|------------------------|---------------------------|----------|--------------------------------|----------|---------------------------|-----------|
|                        | Model No.                 | Quantity | Model No.                      | Quantity |                           |           |
| Trex® – Fire Pit       | TRX20FP                   | 75       | TRX100FP                       | 375      | 5                         | Woodgrain |
| Trex – Gravel Path     | TRX20GP                   | 75       | TRX100GP                       | 375      | 5                         | Woodgrain |
| Trex – Havana Gold     | TRX20HG                   | 75       | TRX100HG                       | 375      | 5                         | Woodgrain |
| Trex – Island Mist     | TRX20IM                   | 75       | TRX100IM                       | 375      | 5                         | Woodgrain |
| Trex – Lava Rock       | TRX20LR                   | 75       | TRX100LR                       | 375      | 5                         | Woodgrain |
| Trex – Madeira         | TRX20MD                   | 75       | TRX100MD                       | 375      | 5                         | Woodgrain |
| Trex – Pebble Gray     | TRX20PG                   | 75       | TRX100PG                       | 375      | 5                         | Woodgrain |
| Trex – Rope Swing      | TRX20RS                   | 75       | TRX100RS                       | 375      | 5                         | Woodgrain |
| Trex – Saddle          | TRX20SD                   | 75       | TRX100SD                       | 375      | 5                         | Woodgrain |
| Trex – Spiced Rum      | TRX20SR                   | 75       | TRX100SR                       | 375      | 5                         | Woodgrain |
| Trex – Tiki Torch      | TRX20TT                   | 75       | TRX100TT                       | 375      | 5                         | Woodgrain |
| Trex – Tree House      | TRX20TH                   | 75       | TRX100TH                       | 375      | 5                         | Woodgrain |
| Trex – Vintage Lantern | TRX20VL                   | 75       | TRX100VL                       | 375      | 5                         | Woodgrain |
| Trex – Winchester Gray | TRX20WG                   | 75       | TRX100WG                       | 375      | 5                         | Woodgrain |
| Trex – Woodland Brown  | TRX20WB                   | 75       | TRX100WB                       | 375      | 5                         | Woodgrain |

Trex® is a registered trademark of Trex Company, Inc.

# Composite Decking Screws

## Deck-Drive™ DCU Screw Plug Solution (cont.)

### DCU Screw Plugs for PVC Decks

| Material              | Retail Pack<br>20 Sq. Ft. |          | Contractor Pack<br>100 Sq. Ft. |          | Master Carton<br>Quantity | Texture   |
|-----------------------|---------------------------|----------|--------------------------------|----------|---------------------------|-----------|
|                       | Model No.                 | Quantity | Model No.                      | Quantity |                           |           |
| Azek® – Acacia        | AZK20ACA                  | 75       | AZK100ACA                      | 375      | 5                         | Woodgrain |
| Azek – Brownstone     | AZK20BRS                  | 75       | AZK100BRS                      | 375      | 5                         | Woodgrain |
| Azek – Coastline      | AZK20CL                   | 75       | AZK100CL                       | 375      | 5                         | Woodgrain |
| Azek – Cypress        | AZK20CYP                  | 75       | AZK100CYP                      | 375      | 5                         | Woodgrain |
| Azek – Dark Hickory   | AZK20DH                   | 75       | AZK100DH                       | 375      | 5                         | Woodgrain |
| Azek – English Walnut | AZK20EW                   | 75       | AZK100EW                       | 375      | 5                         | Woodgrain |
| Azek – Kona           | AZK20KNA                  | 75       | AZK100KNA                      | 375      | 5                         | Woodgrain |
| Azek – Mahogany       | AZK20MHY                  | 75       | AZK100MHY                      | 375      | 5                         | Woodgrain |
| Azek – Slate Gray     | AZK20SG                   | 75       | AZK100SG                       | 375      | 5                         | Woodgrain |

Azek® is a registered trademark of Azek Building Products.

### DCU Screw Plugs for PVC Trim

| Material         | Retail Pack<br>50 Linear Ft. |          | Contractor Pack<br>250 Linear Ft. |          | Master Carton<br>Quantity | Texture   |
|------------------|------------------------------|----------|-----------------------------------|----------|---------------------------|-----------|
|                  | Model No.                    | Quantity | Model No.                         | Quantity |                           |           |
| Azek Frontier    | AZK50WG                      | 80       | AZK250WG                          | 400      | 5                         | Woodgrain |
| Azek Traditional | AZK50SM                      | 80       | AZK250SM                          | 400      | 5                         | Smooth    |
| Versatex® Smooth | VSTX50SM                     | 80       | VSTX250SM                         | 400      | 5                         | Smooth    |

Versatex® is a registered trademark of Versatex Building Products.

### Auto-Set Driver™ Bit

| Bit Size                                   | Model No.       | Quantity |
|--|-----------------|----------|
| Auto-Set Driver Bit T20                    | BIT20T-PL-RC1   | 1        |
| Auto-Set Driver Bit 3-Pack T20             | BIT20T-PL-RC3   | 3        |
| Quik Drive Auto-Set Driver Bit 3-Pack T20  | BITTX20-PL-RC3  | 3        |
| Quik Drive Auto-Set Driver Bit 10-Pack T20 | BITTX20-PL-RC10 | 10       |



Auto-Set Driver Bit



Quik Drive® Auto-Set Driver Bit



# Composite Decking Screws

## Fascia-Fastening Solution™

### PVC and Composite Fascia Applications

The Simpson Strong-Tie Fascia-Fastening Solution consists of the counterbore bit and fascia screw, and is specially designed to securely fasten composite and PVC fascia while providing superior corrosion resistance. The Fascia Fastening Solution allows for the expansion and contraction of installed fascia boards and thus prevents failures as a result of exposure to environmental conditions.

#### Fascia Screw

- Type 316 stainless steel provides severe-level corrosion resistance
- Additional space around the shank of the fascia screw allows for the expansion and contraction of the fascia board
- Low-profile pancake head resists pullover
- For use with 1/2"-3/4"-thick fascia boards
- Available in 12 colors to match major manufacturers' fascia material
- Approved for attachment of Trex® Fascia Boards
- T20 6-lobe drive (replacement bit model BIT20T-2-R2, see p. 129 for more information)

#### Counterbore Bit (sold separately)

- Crucial for proper installation of fascia boards
- Creates pilot hole for clean installation
- Creates a counterbore to allow a flush finish of the fascia screw head
- Bores space larger than screw shank to allow for fascia board expansion and contraction

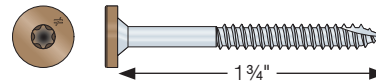
**Note:** Refer to decking manufacturers' fascia board installation guide for minimum spacing requirements.

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.



Screws

### Type 316, Stainless-Steel Painted Head



| Size x Length (in.) | Head Color | Head Diameter (in.) | Point Type | Drive Type | Model No.      | Quantity |
|---------------------|------------|---------------------|------------|------------|----------------|----------|
| #8 x 1 3/4          | Brown 01   | 0.400               | Type-17    | T20        | T08175FS75BR01 | 75       |
| #8 x 1 3/4          | Brown 05   | 0.400               | Type-17    | T20        | T08175FS75BR05 | 75       |
| #8 x 1 3/4          | Gray       | 0.400               | Type-17    | T20        | T08175FS75GR   | 75       |
| #8 x 1 3/4          | Gray 01    | 0.400               | Type-17    | T20        | T08175FS75GR01 | 75       |
| #8 x 1 3/4          | Gray 04    | 0.400               | Type-17    | T20        | T08175FS75GR04 | 75       |
| #8 x 1 3/4          | Red        | 0.400               | Type-17    | T20        | T08175FS75RD   | 75       |
| #8 x 1 3/4          | Red 01     | 0.400               | Type-17    | T20        | T08175FS75RD01 | 75       |
| #8 x 1 3/4          | Tan        | 0.400               | Type-17    | T20        | T08175FS75TN   | 75       |
| #8 x 1 3/4          | Tan 01     | 0.400               | Type-17    | T20        | T08175FS75TN01 | 75       |
| #8 x 1 3/4          | Tan 02     | 0.400               | Type-17    | T20        | T08175FS75TN02 | 75       |
| #8 x 1 3/4          | Tan 03     | 0.400               | Type-17    | T20        | T08175FS75TN03 | 75       |
| #8 x 1 3/4          | White 01   | 0.400               | Type-17    | T20        | T08175FS75WH01 | 75       |



### Fascia Counterbore Bit



| Arbor Size | Bore Diameter (in.) | Counterbore Diameter (in.) | Model No. | Quantity |
|------------|---------------------|----------------------------|-----------|----------|
| 1/4"       | 0.25                | 0.41                       | FSBIT     | 1        |

## Interior Screws

# Strong-Drive® CSV Construction Screw

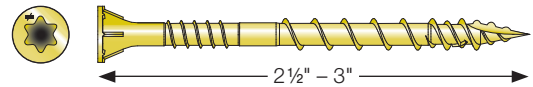
The CSV Construction screw is a versatile, multi-purpose, load-rated fastening solution for a variety of interior applications. With its underhead ribs, low-torque threads and fast-start point, the CSV Construction screw drives effortlessly and is ideally suited to be countersunk into sawn lumber or engineered wood materials. Available in convenient quantities, CSV Construction screws are offered in select sizes for fastening a variety of projects.

### Features:

- Low-torque threads allow up to 35% more screws to be driven on a battery charge
- Rimmed flat head with ribs design countersinks easily and provides a clean, finished appearance
- High-low thread with Type-17 point provides fast starts
- Optimized threads for dimensional lumber
- Provides corrosion resistance for interior wood and engineered wood applications
- T25 6-lobe driver bit included (replacement driver bit BIT25T-2-R2)

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 35–36



### Yellow Zinc Coating

| Size | Length (in.) | Drive Type | Retail Pack |            | Contractor Pack |             | Mini-Bulk |           |
|------|--------------|------------|-------------|------------|-----------------|-------------|-----------|-----------|
|      |              |            | Quantity    | Model No.  | Quantity        | Model No.   | Quantity  | Model No. |
| #10  | 2½           | T25        | 80          | CSVZ212R80 | 240             | CSVZ212R240 | 1,750     | CSVZ212MB |
| #10  | 3            | T25        | 70          | CSVZ3R70   | 210             | CSVZ3R210   | 1,750     | CSVZ3RMB  |

Retail pack master carton quantity: 6; contractor pack quantity: 3.

# Interior Screws

## Strong-Drive® SDCF TIMBER-CF SCREW

*Beam Reinforcement, Wall to Wall, Floor to Floor, Support Beams, Butt Joints*

The Strong-Drive SDCF Timber-CF screw is a structural fastener available in a variety of lengths and is designed for cross-laminated timber construction, mass timber construction and general interior applications. These 0.315"- and 0.390"-diameter structural fasteners provide uncompromised strength for these demanding applications. The large flat head with underhead nibs provides for clean countersinking. The yellow zinc, fully-threaded screw, with a proprietary point provides fast starts and excellent holding power.

### Features:

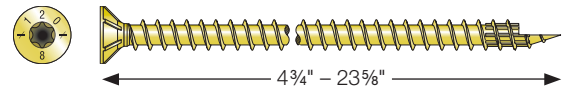
- Designed to be countersunk with head flush to wood surface
- Fully threaded to provide high withdrawal resistance

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**Codes/Standards:** ICC-ES ESR-3046 (including City of LA Supplement),  
ICC-ES ELC-3046, State of Florida FL9589

**Warning: Industry studies show that hardened fasteners can experience performance problems in wet and corrosive environments. Accordingly, use this product in dry, interior and noncorrosive environments only. Testing in a variety of mass timber applications is underway.**

For Technical Data and Loads, see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 140–144



### Yellow Zinc Coating

| Model No.  | Dimensions               |            |                  |           |               |            |               |           | Mini-Bulk      |                    | Box           |                   |
|------------|--------------------------|------------|------------------|-----------|---------------|------------|---------------|-----------|----------------|--------------------|---------------|-------------------|
|            | Inches                   |            |                  |           | Millimeters   |            |               |           | Packaging SKU  | Fasteners per Pack | Packaging SKU | Fasteners per Box |
|            | O.D. x Length            | Shank Dia. | Thread Length    | Head Dia. | O.D. x Length | Shank Dia. | Thread Length | Head Dia. |                |                    |               |                   |
| SDCF22434  | 0.315 x 4 $\frac{3}{4}$  | 0.230      | 4 $\frac{1}{4}$  | 0.590     | 8 x 120       | 5.9        | 109           | 15.0      | SDCF22434-R50  | 50                 | SDCF22434     | 250               |
| SDCF22512  | 0.315 x 5 $\frac{1}{2}$  | 0.230      | 5 $\frac{1}{8}$  | 0.590     | 8 x 140       | 5.9        | 129           | 15.0      | SDCF22512-R50  | 50                 | SDCF22512     | 250               |
| SDCF22614  | 0.315 x 6 $\frac{1}{4}$  | 0.230      | 5 $\frac{7}{8}$  | 0.590     | 8 x 160       | 5.9        | 149           | 15.0      | SDCF22614-R50  | 50                 | SDCF22614     | 250               |
| SDCF22700  | 0.315 x 7                | 0.230      | 6 $\frac{5}{8}$  | 0.590     | 8 x 180       | 5.9        | 169           | 15.0      | SDCF22700-R50  | 50                 | SDCF22700     | 250               |
| SDCF22858  | 0.315 x 8 $\frac{5}{8}$  | 0.230      | 8 $\frac{1}{4}$  | 0.590     | 8 x 220       | 5.9        | 209           | 15.0      | SDCF22858-R50  | 50                 | SDCF22858     | 250               |
| SDCF221014 | 0.315 x 10 $\frac{1}{4}$ | 0.230      | 9 $\frac{3}{4}$  | 0.590     | 8 x 260       | 5.9        | 249           | 15.0      | SDCF221014-R50 | 50                 | SDCF221014    | 250               |
| SDCF221134 | 0.315 x 11 $\frac{3}{4}$ | 0.230      | 11 $\frac{1}{8}$ | 0.590     | 8 x 300       | 5.9        | 289           | 15.0      | SDCF221134-R50 | 50                 | SDCF221134    | 250               |
| SDCF221334 | 0.315 x 13 $\frac{3}{4}$ | 0.230      | 13 $\frac{3}{8}$ | 0.590     | 8 x 350       | 5.9        | 339           | 15.0      | SDCF221334-R50 | 50                 | SDCF221334    | 250               |
| SDCF27400  | 0.390 x 4                | 0.290      | 3 $\frac{5}{8}$  | 0.725     | 10 x 100      | 7.4        | 93            | 18.5      | SDCF27400-R30  | 30                 | SDCF27400     | 250               |
| SDCF27614  | 0.390 x 6 $\frac{1}{4}$  | 0.290      | 6                | 0.725     | 10 x 160      | 7.4        | 153           | 18.5      | SDCF27614-R30  | 30                 | SDCF27614     | 250               |
| SDCF27778  | 0.390 x 7 $\frac{7}{8}$  | 0.290      | 7 $\frac{5}{8}$  | 0.725     | 10 x 200      | 7.4        | 193           | 18.5      | SDCF27778-R30  | 30                 | SDCF27778     | 250               |
| SDCF27912  | 0.390 x 9 $\frac{1}{2}$  | 0.290      | 9 $\frac{1}{4}$  | 0.725     | 10 x 240      | 7.4        | 233           | 18.5      | SDCF27912-R30  | 30                 | SDCF27912     | 250               |
| SDCF271100 | 0.390 x 11               | 0.290      | 10 $\frac{3}{4}$ | 0.725     | 10 x 280      | 7.4        | 273           | 18.5      | SDCF271100-R30 | 30                 | SDCF271100    | 150               |
| SDCF271958 | 0.390 x 19 $\frac{5}{8}$ | 0.290      | 19 $\frac{1}{8}$ | 0.725     | 10 x 500      | 7.4        | 493           | 18.5      | SDCF271958-R25 | 25                 | SDCF271958    | 100               |
| SDCF272358 | 0.390 x 23 $\frac{5}{8}$ | 0.290      | 23 $\frac{3}{8}$ | 0.725     | 10 x 600      | 7.4        | 593           | 18.5      | SDCF272358-R25 | 25                 | SDCF272358    | 100               |

1. O.D. denotes thread outer diameter.

2. Driver bit size: SDCF22xxxx = T40, replacement bit part number BIT40T-134-R2;  
SDCF27xxxx = T50, replacement bit part number BIT50T-2-R1.



# Interior Screws

## Strong-Drive® SDCFC TIMBER-CFC SCREW

*Beam Reinforcement, Wall to Wall, Floor to Floor, Support Beams,  
Butt Joints, Splitting Reinforcement*

The Strong-Drive SDCFC Timber-CFC screw — a robust structural fastener available in a variety of long sizes (500 mm – 1,000 mm) — is designed for cross-laminated timber (CLT) construction, mass timber construction and general interior applications. These sturdy 0.390"-diameter structural fasteners provide extra strength for demanding applications requiring large-sized structural members. The compact cylinder head provides clean countersinking with a reduced footprint. The yellow zinc, fully-threaded screw, with a proprietary point, provides fast starts and excellent withdrawal resistance. For interior and dry applications only.

### Features:

- Interior grade yellow zinc coating
- Compact cylinder head helps countersink the screw for an unobstructed finish
- Heavy-duty, fully-threaded 10 mm (0.390") outer diameter provides strength, with superb withdrawal resistance
- Deep 6-lobe recess for a secure drive
- Available in 500 mm (19½"), 600 mm (23½"), 800 mm (31½"), 1,000 mm (39½") lengths

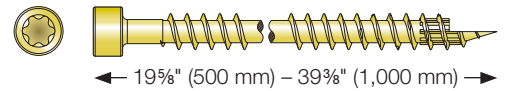
For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**Codes/Standards:** ICC-ES ESR-3046 (including City of LA Supplement),  
ICC-ES ELC-3046, State of Florida FL9589

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

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, p. 31

US Patent Pending



### Yellow Zinc Coating

| Model No.   | Dimensions    |            |               |           |               |            |               |           | Box           |                   |
|-------------|---------------|------------|---------------|-----------|---------------|------------|---------------|-----------|---------------|-------------------|
|             | Inches        |            |               |           | Millimeters   |            |               |           | Packaging SKU | Fasteners per Box |
|             | O.D. x Length | Shank Dia. | Thread Length | Head Dia. | O.D. x Length | Shank Dia. | Thread Length | Head Dia. |               |                   |
| SDCFC271958 | 0.390 x 19½"  | 0.290      | 18½"          | 0.525     | 10 x 500      | 7.4        | 467           | 13.4      | SDCFC271958   | 50                |
| SDCFC272358 | 0.390 x 23½"  | 0.290      | 22¼"          | 0.525     | 10 x 600      | 7.4        | 567           | 13.4      | SDCFC272358   | 50                |
| SDCFC273112 | 0.390 x 31½"  | 0.290      | 30½"          | 0.525     | 10 x 800      | 7.4        | 767           | 13.4      | SDCFC273112   | 50                |
| SDCFC273938 | 0.390 x 39½"  | 0.290      | 38"           | 0.525     | 10 x 1000     | 7.4        | 967           | 13.4      | SDCFC273938   | 50                |

1. O.D. denotes thread outer diameter.

2. Driver bit size: T50, replacement bit part number BIT50T-2-R1.

# Interior Screws

## Strong-Drive® SDCP TIMBER-CP SCREW

Wall to Wall, Floor to Floor, Wall to Floor, Panel to Beam, Panel to Wall,  
Surface Splines, Lap Joints, Ledger Connections and General Timber Framing

The Strong-Drive SDCP Timber-CP screw is a structural fastener available in a variety of lengths and is designed for cross-laminated timber construction, mass timber construction and general interior applications. These partially-threaded, 0.315" and 0.390"-diameter structural fasteners are designed to pull structural members together with superb holding power. The large flat head with underhead nibs provides for clean countersinking. The SDCP Timber-CP has a yellow zinc coating, a robust knurled shank and Type-17 point for fast starts and low-torque driving.

### Features:

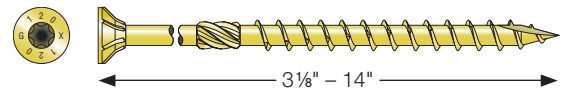
- Designed to be countersunk so that head is flush to wood surface
- Partially threaded with aggressive thread to provide high pullout resistance

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**Codes/Standards:** ICC-ES ESR-3046 (including City of LA Supplement),  
ICC-ES ELC-3046, State of Florida FL9589

**Warning: Industry studies show that hardened fasteners can experience performance problems in wet and corrosive environments. Accordingly, use this product in dry, interior and noncorrosive environments only. Testing in a variety of mass timber applications is underway.**

For Technical Data and Loads, see C-F-2023TECHSUP *Fastening Systems Technical Guide*, p. 144



### Yellow Zinc Coating

| Model No.  | Dimensions     |            |               |           |               |            |               |           | Mini-Bulk      |                    | Box           |                   |
|------------|----------------|------------|---------------|-----------|---------------|------------|---------------|-----------|----------------|--------------------|---------------|-------------------|
|            | Inches         |            |               |           | Millimeters   |            |               |           | Packaging SKU  | Fasteners per Pack | Packaging SKU | Fasteners per Box |
|            | O.D. x Length  | Shank Dia. | Thread Length | Head Dia. | O.D. x Length | Shank Dia. | Thread Length | Head Dia. |                |                    |               |                   |
| SDCP22318  | 0.315 x 3 1/8  | 0.225      | 2             | 0.575     | 8 x 80        | 5.8        | 50            | 14.6      | SDCP22318-R50  | 50                 | SDCP22318     | 250               |
| SDCP22434  | 0.315 x 4 3/4  | 0.225      | 3 1/8         | 0.575     | 8 x 120       | 5.8        | 80            | 14.6      | SDCP22434-R50  | 50                 | SDCP22434     | 250               |
| SDCP22512  | 0.315 x 5 1/2  | 0.225      | 3 1/8         | 0.575     | 8 x 140       | 5.8        | 80            | 14.6      | SDCP22512-R50  | 50                 | SDCP22512     | 250               |
| SDCP22614  | 0.315 x 6 1/4  | 0.225      | 3 1/8         | 0.575     | 8 x 160       | 5.8        | 80            | 14.6      | SDCP22614-R50  | 50                 | SDCP22614     | 250               |
| SDCP22700  | 0.315 x 7      | 0.225      | 3 1/8         | 0.575     | 8 x 180       | 5.8        | 80            | 14.6      | SDCP22700-R50  | 50                 | SDCP22700     | 250               |
| SDCP22858  | 0.315 x 8 5/8  | 0.225      | 3 1/8         | 0.575     | 8 x 220       | 5.8        | 80            | 14.6      | SDCP22858-R50  | 50                 | SDCP22858     | 250               |
| SDCP22912  | 0.315 x 9 1/2  | 0.225      | 3 1/8         | 0.575     | 8 x 240       | 5.8        | 80            | 14.6      | SDCP22912-R50  | 50                 | SDCP22912     | 250               |
| SDCP221100 | 0.315 x 11     | 0.225      | 3 1/8         | 0.575     | 8 x 280       | 5.8        | 80            | 14.6      | SDCP221100-R50 | 50                 | SDCP221100    | 250               |
| SDCP221134 | 0.315 x 11 3/4 | 0.225      | 3 1/8         | 0.575     | 8 x 300       | 5.8        | 80            | 14.6      | SDCP221134-R50 | 50                 | SDCP221134    | 250               |
| SDCP27400  | 0.390 x 4      | 0.275      | 2             | 0.700     | 10 x 100      | 7.0        | 50            | 17.8      | SDCP27400-R30  | 30                 | SDCP27400     | 250               |
| SDCP27614  | 0.390 x 6 1/4  | 0.275      | 3 1/8         | 0.700     | 10 x 160      | 7.0        | 80            | 17.8      | SDCP27614-R30  | 30                 | SDCP27614     | 250               |
| SDCP27778  | 0.390 x 7 7/8  | 0.275      | 3 1/8         | 0.700     | 10 x 200      | 7.0        | 80            | 17.8      | SDCP27778-R30  | 30                 | SDCP27778     | 250               |
| SDCP27912  | 0.390 x 9 1/2  | 0.275      | 3 1/8         | 0.700     | 10 x 240      | 7.0        | 80            | 17.8      | SDCP27912-R30  | 30                 | SDCP27912     | 250               |
| SDCP271100 | 0.390 x 11     | 0.275      | 3 1/8         | 0.700     | 10 x 280      | 7.0        | 80            | 17.8      | SDCP271100-R30 | 30                 | SDCP271100    | 150               |
| SDCP271212 | 0.390 x 12 1/2 | 0.275      | 3 1/8         | 0.700     | 10 x 320      | 7.0        | 80            | 17.8      | SDCP271212-R25 | 25                 | SDCP271212    | 150               |
| SDCP271400 | 0.390 x 14     | 0.275      | 3 1/8         | 0.700     | 10 x 360      | 7.0        | 80            | 17.8      | SDCP271400-R25 | 25                 | SDCP271400    | 150               |

1. O.D. denotes thread outer diameter.

2. Driver bit size: T40, replacement bit part number BIT40T-134-R2.

# Interior Screws

## Strong-Drive® SDHR COMBO-HEAD SCREW

### Steel-to-Wood Connections

The Strong-Drive SDHR Combo-Head screw is a structural fastener designed for cross-laminated timber construction, mass timber construction and general interior applications. These partially-threaded, sturdy 0.390"- and 0.470"-diameter structural fasteners are designed to pull structural members together while providing excellent connection strength. The "combination" head allows for driving using either a hex driver bit or T40 6-lobe driver bit. The SDHR Combo-Head has an interior-grade, blue zinc coating, a robust knurled shank and Type-17 point for fast starts and low-torque driving.

#### Features:

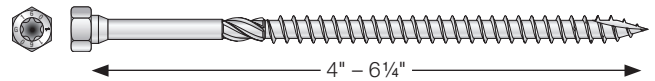
- Designed for use with steel side plates
- Type-17 point ensures fast starts, reduces installation torque and eliminates the need for predrilling in most applications
- Partially threaded with aggressive thread to provide high pullout resistance

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**Codes/Standards:** ICC-ES ESR-3046 (including City of LA Supplement), ICC-ES ELC-3046, State of Florida FL9589

**Warning: Industry studies show that hardened fasteners can experience performance problems in wet and corrosive environments. Accordingly, use this product in dry, interior and noncorrosive environments only. Testing in a variety of mass timber applications is underway.**

For Technical Data and Loads, see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 138–139



### Blue-Bright Zinc Coating

| Model No. | Dimensions    |            |               |               |            |               | Mini-Bulk     |                    | Box           |                   |
|-----------|---------------|------------|---------------|---------------|------------|---------------|---------------|--------------------|---------------|-------------------|
|           | Inches        |            |               | Millimeters   |            |               | Packaging SKU | Fasteners per Pack | Packaging SKU | Fasteners per Box |
|           | O.D. x Length | Shank Dia. | Thread Length | O.D. x Length | Shank Dia. | Thread Length |               |                    |               |                   |
| SDHR27400 | 0.390 x 4     | 0.275      | 2½            | 10 x 100      | 7.1        | 55            | SDHR27400-R25 | 25                 | SDHR27400     | 100               |
| SDHR27614 | 0.390 x 6¼    | 0.275      | 4¾            | 10 x 160      | 7.1        | 110           | SDHR27614-R25 | 25                 | SDHR27614     | 100               |
| SDHR31400 | 0.470 x 4     | 0.315      | 2½            | 12 x 100      | 8.1        | 55            | SDHR31400-R25 | 25                 | SDHR31400     | 100               |
| SDHR31614 | 0.470 x 6¼    | 0.315      | 4¾            | 12 x 160      | 8.1        | 110           | SDHR31614-R25 | 25                 | SDHR31614     | 100               |

1. O.D. denotes thread outer diameter.

2. Driver bit size: SDHR27XXXX — 6-lobe = T40, replacement bit BIT40T-134-R2, hex = 15 mm;  
SDHR31XXXX — 6-lobe = T40, replacement bit BIT40T-134-R2, hex = 17 mm.



## Interior Screws

# Strong-Drive® SDW EWP-PLY Screw

### Multi-Ply Wood Members, Engineered-Lumber Products and Solid-Sawn Lumber

The Strong-Drive SDW EWP-Ply screw is a high-strength structural wood screw specifically designed for fastening multi-ply members made up of engineered wood products. The SDW EWP-Ply installs easily with no predrilling and is available in optimized lengths for fastening 1¼" engineered lumber, such as structural composite lumber (SCL). The large, flush head eases the handling of assembled components and simplifies the installation of finishes or structural connectors. It is code listed in IAPMO UES ER-192 and meets 2018 and 2021 IRC® and IBC® code requirements for most common wood framing applications.

#### Features:

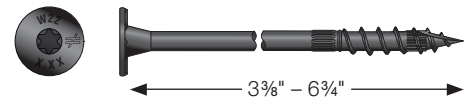
- Large washer head with nibs provides maximum bearing area; stamped with the Simpson Strong-Tie "S" sign and fastener length for easy identification after installation
- 6-lobe, T40 drive provides positive engagement that makes the screw easy to drive and improves bit life (replacement driver bit — BIT40T-134-R2)
- Low-profile head results in less interference after installation; makes stacking and sliding members easier and allows installation of hardware and finishes to be virtually flush
- Optimal screw lengths provide maximum penetration while preventing the point from protruding out the back of the member
- Specific thread lengths avoid jacking
- High shear values enable wide spacing, saving time and money
- Bold thread design provides superior holding power and cinches fastened members together for consistent installation
- SawTooth® point ensures fast starts, reduced installation torque and eliminates the need for predrilling in most applications
- Retail and mini-bulk packs include one 6-lobe, T40 driver bit; bulk packs include two driver bits

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**Codes/Standards:** IAPMO UES ER-192 (including City of LA Supplement), State of Florida FL13975

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 125–131, 133–135

US Patent: 9,523,383



### E-Coat® Coating

| Model No. | Dimensions    |            |               |           |               |            |               |           | Retail Pack   |                | Mini-Bulk     |                | Box           |               |
|-----------|---------------|------------|---------------|-----------|---------------|------------|---------------|-----------|---------------|----------------|---------------|----------------|---------------|---------------|
|           | Inches        |            |               |           | Millimeters   |            |               |           | Packaging SKU | Fast. per Pack | Packaging SKU | Fast. per Pack | Packaging SKU | Fast. per Box |
|           | O.D. x Length | Shank Dia. | Thread Length | Head Dia. | O.D. x Length | Shank Dia. | Thread Length | Head Dia. |               |                |               |                |               |               |
| SDW22338  | 0.315 x 3¾    | 0.220      | 1½            | 0.760     | 8 x 85        | 5.6        | 38            | 19.3      | SDW22338-R50  | 50             | SDW22338MB    | 250            | SDW22338      | 900           |
| SDW22500  | 0.315 x 5     | 0.220      | 1½            | 0.760     | 8 x 127       | 5.6        | 38            | 19.3      | SDW22500-R50  | 50             | SDW22500MB    | 200            | SDW22500      | 600           |
| SDW22634  | 0.315 x 6¾    | 0.220      | 1½            | 0.760     | 8 x 171       | 5.6        | 38            | 19.3      | SDW22634-R50  | 50             | SDW22634MB    | 200            | SDW22634      | 500           |

1. O.D. denotes thread outer diameter.

2. Typical screw application key: SCL = 1¼" plies of structural-composite lumber.

SCL/3x2PCT = 1¼" plies of structural-composite lumber or double 3x2 parallel-chord trusses.

SCL/4x2PCT = 1¼" or 3½" plies of structural-composite lumber or double 4x2 parallel-chord trusses.

3. Replacement driver bit: BIT40T-134-R2.

4. Retail pack master carton quantity: 3¾" = 6; 5" and 6¾" = 4.

# Interior Screws

## Strong-Drive® SDW TRUSS-PLY Screw

### Truss-Ply Fastening

The Strong-Drive SDW Truss-Ply screw is a high-strength structural wood screw specifically designed for fastening multi-ply wood members, such as joining plated trusses and solid-sawn lumber. The SDW installs easily with no predrilling and is available in optimized lengths for fastening 2-, 3- and 4-ply trusses. With the SDW Truss-Ply screw, multi-ply trusses and components can be fastened from one side without requiring the lifting and flipping of heavy assemblies. It is code listed in IAPMO UES ER-192 and meets 2018 and 2021 IRC® and IBC® code requirements for most common wood framing applications with wood and engineered wood.

#### Features:

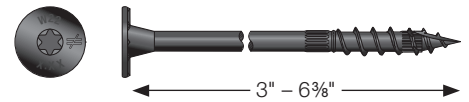
- Large washer head with nibs provides maximum bearing area; stamped with the Simpson Strong-Tie “S” sign and fastener length for easy identification after installation.
- 6-lobe, T40 drive provides positive engagement that makes the screw easy to drive and improves bit life (replacement driver bit — BIT40T-134-R2).
- Low-profile head results in less interference after installation; makes stacking and sliding members easier and allows installation of hardware and finishes to be virtually flush. Higher shear values than competitive products enable wider spacing, saving time and money.
- Bold thread design provides superior holding power and cinches fastened members together for consistent installation.
- SawTooth® point ensures fast starts, reduced installation torque and eliminates the need for predrilling in most applications.
- Retail and mini-bulk packs include one 6-lobe, T40 driver bit; bulk packs include two driver bits.

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**Codes/Standards:** IAPMO UES ER-192 (including City of LA Supplement), State of Florida FL13975

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 125–131, 133–135

US Patent: 9,523,383



### E-Coat® Coating

| Model No. | Dimensions    |            |               |           |               |            |               |           | Retail Pack   |                | Mini-Bulk     |                | Box           |               |
|-----------|---------------|------------|---------------|-----------|---------------|------------|---------------|-----------|---------------|----------------|---------------|----------------|---------------|---------------|
|           | Inches        |            |               |           | Millimeters   |            |               |           | Packaging SKU | Fast. per Pack | Packaging SKU | Fast. per Pack | Packaging SKU | Fast. per Box |
|           | O.D. x Length | Shank Dia. | Thread Length | Head Dia. | O.D. x Length | Shank Dia. | Thread Length | Head Dia. |               |                |               |                |               |               |
| SDW22300  | 0.315 x 3     | 0.220      | 1%            | 0.760     | 8 x 76        | 5.6        | 35            | 19.3      | SDW22300-R50  | 50             | SDW22300MB    | 250            | SDW22300      | 950           |
| SDW22438  | 0.315 x 4%    | 0.220      | 1%            | 0.760     | 8 x 111       | 5.6        | 35            | 19.3      | SDW22438-R50  | 50             | SDW22438MB    | 200            | SDW22438      | 600           |
| SDW22458  | 0.315 x 4%    | 0.220      | 1%            | 0.760     | 8 x 117       | 5.6        | 35            | 19.3      | SDW22458-R50  | 50             | SDW22458MB    | 200            | SDW22458      | 600           |
| SDW22600  | 0.315 x 6     | 0.220      | 1%            | 0.760     | 8 x 152       | 5.6        | 35            | 19.3      | SDW22600-R50  | 50             | SDW22600MB    | 200            | SDW22600      | 500           |
| SDW22638  | 0.315 x 6%    | 0.220      | 1%            | 0.760     | 8 x 162       | 5.6        | 35            | 19.3      | SDW22638-R50  | 50             | SDW22638MB    | 200            | SDW22638      | 500           |

1. O.D. denotes thread outer diameter.

2. Typical screw application key: 2x/Truss = Solid sawn dimensional lumber and plated wood trusses.

2x Truss Desert = Solid sawn dimensional lumber and plated wood trusses in desert environments (scant lumber).

3. If assembly is less than or equal to 4%<sup>e</sup> thick, use the SDW22438.

4. If assembly is less than or equal to 6%<sup>e</sup> thick, use the SDW22600.

5. Replacement driver bit: BIT40T-134-R2.

6. Retail pack master carton quantity: 3" = 6; 4%<sup>e</sup>, 4%<sup>e</sup>, 6", 6%<sup>e</sup> = 4.

# Interior Screws

## Strong-Drive® SDWS TIMBER Screw (Interior Grade)

Mass Timber Applications such as Surface Splines, Lap Joints, Timber Framing;  
Log Home Construction and General Interior Applications

The Strong-Drive SDWS Timber (Interior Grade) screw – formerly, the SDWS Log screw – is a structural wood screw available in a variety of lengths and is designed for cross-laminated timber assemblies, mass timber construction, log home construction, ledgers and general interior applications. These 0.195"- and 0.220"-diameter structural fasteners install faster and easier than comparable lag screws, and the large-diameter washer head pulls members down easily, eliminating the need to use extra washers. It is code listed in IAPMO-UES ER-192 and meets 2018 and 2021 IRC® and IBC® code requirements for most common wood framing applications.

### Features:

- SawTooth® point ensures fast starts, reduces installation torque and eliminates the need for predrilling in most applications
- Serrated thread reduces splitting and damage
- Large, low-profile washer head with nibs provides maximum bearing area and makes countersinking easy
- 6-lobe, T40 drive provides positive engagement that makes the screw easy to drive and improves bit life (replacement driver bit: BIT40T-134-R2)
- Size identification on headstamp for easy identification

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**Codes/Standards:** IAPMO UES ER-192 (including City of LA Supplement), State of Florida FL13975

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

For Technical Data and Loads, see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 53–57, 119–121, 132–133

US Patent: 9,523,383



### E-Coat® Coating

| Model No.  | Dimensions    |            |               |           |               |            |               |           | Individually Flagged |                | Retail Pack    |                | Mini-Bulk  |                |
|------------|---------------|------------|---------------|-----------|---------------|------------|---------------|-----------|----------------------|----------------|----------------|----------------|------------|----------------|
|            | Inches        |            |               |           | Millimeters   |            |               |           | Model No.            | Fast. per Pack | Model No.      | Fast. per Pack | Model No.  | Fast. per Pack |
|            | O.D. x Length | Shank Dia. | Thread Length | Head Dia. | O.D. x Length | Shank Dia. | Thread Length | Head Dia. |                      |                |                |                |            |                |
| SDWS19600  | 0.275 x 6     | 0.195      | 3             | 0.650     | 7 x 152       | 5.0        | 76            | 16.5      | SDWS19600-RP1        | 1              | SDWS19600-R50  | 50             | SDWS19600  | 250            |
| SDWS19712  | 0.275 x 7½    | 0.195      | 3             | 0.650     | 7 x 191       | 5.0        | 76            | 16.5      | SDWS19712-RP1        | 1              | SDWS19712-R50  | 50             | SDWS19712  | 250            |
| SDWS22400  | 0.315 x 4     | 0.220      | 2%            | 0.760     | 8 x 101       | 5.6        | 60            | 19.3      | —                    | —              | SDWS22400-R50  | 50             | SDWS22400  | 250            |
| SDWS22500  | 0.315 x 5     | 0.220      | 3             | 0.760     | 8 x 127       | 5.6        | 76            | 19.3      | —                    | —              | SDWS22500-R50  | 50             | SDWS22500  | 250            |
| SDWS22512  | 0.315 x 5½    | 0.220      | 3             | 0.760     | 8 x 140       | 5.6        | 76            | 19.3      | —                    | —              | SDWS22512-R50  | 50             | SDWS22512  | 250            |
| SDWS22600  | 0.315 x 6     | 0.220      | 3             | 0.760     | 8 x 152       | 5.6        | 76            | 19.3      | —                    | —              | SDWS22600-R50  | 50             | SDWS22600  | 250            |
| SDWS22800  | 0.315 x 8     | 0.220      | 3             | 0.760     | 8 x 203       | 5.6        | 76            | 19.3      | SDWS22800-RP1        | 1              | SDWS22800-R50  | 50             | SDWS22800  | 250            |
| SDWS22900  | 0.315 x 9     | 0.220      | 3             | 0.760     | 8 x 229       | 5.6        | 76            | 19.3      | SDWS22900-RP1        | 1              | SDWS22900-R50  | 50             | SDWS22900  | 250            |
| SDWS221000 | 0.315 x 10    | 0.220      | 3             | 0.760     | 8 x 254       | 5.6        | 76            | 19.3      | SDWS221000-RP1       | 1              | SDWS221000-R50 | 50             | SDWS221000 | 250            |
| SDWS221100 | 0.315 x 11    | 0.220      | 3             | 0.760     | 8 x 279       | 5.6        | 76            | 19.3      | SDWS221100-RP1       | 1              | SDWS221100-R50 | 50             | SDWS221100 | 250            |
| SDWS221200 | 0.315 x 12    | 0.220      | 3             | 0.760     | 8 x 305       | 5.6        | 76            | 19.3      | SDWS221200-RP1       | 1              | SDWS221200-R50 | 50             | SDWS221200 | 250            |
| SDWS221500 | 0.315 x 15    | 0.220      | 3             | 0.760     | 8 x 381       | 5.6        | 76            | 19.3      | SDWS221500-RP1       | 1              | SDWS221500-R50 | 50             | SDWS221500 | 200            |

1. O.D. denotes thread outer diameter.

2. Replacement driver bit: BIT40T-134-R2.

3. RP1 master carton quantities: SDWS19xxxx: 45; SDWS22xxxx: 40.

4. Retail pack quantities: 6.



# Interior Screws

## Strong-Drive® SDWC TRUSS Screw

### Truss/Rafter-to-Plate and Stud-to-Plate Connections

The Strong-Drive SDWC Truss screw provides a stud-to-bottom plate or stud-to-top plate connection as well as fastening trusses and rafters to top plates. The fully-threaded shank engages the entire length of the fastener, providing a secure connection. The SDWC is tested in accordance with ICC-ES AC233 (screw) and AC13 (wall assembly and roof-to-wall assembly) for uplift and lateral loads between wall plates and vertical wall framing and between the top plate and the roof rafters or trusses. It is code listed in IAPMO UES ER-262 and meets 2018 and 2021 IRC® and IBC® code requirements for most common wood framing applications.

**For safe and easy installation, use the Quik Stik™ rafter and truss fastening system.**

#### Features:

- Fully-threaded shank engages the entire length of the fastener, providing a secure connection between the roof and wall framing members
- Cap-style head countersinks fully into the double top plate to avoid interference with drywall or finish trades
- Wide tolerance on installation angle makes it easy to install the SDWC correctly
- Can be installed from inside the structure, eliminating exterior work on the upper stories and enhancing job safety
- 6-lobe, T30 driver bit provides positive engagement that makes the screw easy to drive and improves bit life (replacement driver bit — BIT30T-2-R2)
- Fastening can be performed before or after exterior sheathing is applied for added flexibility
- Metal installation guide tool (included) to help ensure proper installation
- Orange color for easy inspection
- Type-17 point for faster starts and easier driving
- SDWC15450 is recognized for use in chemically treated wood as described in the evaluation report

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**Codes/Standards:** IAPMO UES ER-262 (including City of LA Supplement), State of Florida FL13975

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 82–102, 106, 145–146



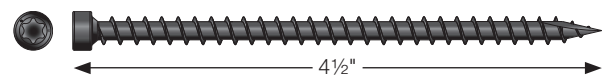
#### SDWC15450-KT and SDWC15600-KT contains:

- (50) Strong-Drive SDWC screws
- (1) Matched-tolerance driver bit (Part no. BIT30T-2-R2; also sold separately)
- (1) Metal installation guide tool – SDWC-GUIDE (for SDWC15600 only; also sold separately)



#### SDWC15450B-KT and SDWC15600B-KT contains:

- (500) Strong-Drive SDWC screws
- (2) Matched-tolerance driver bits (Part no. BIT30T-2-R2; also sold separately)
- (2) Metal installation guide tools – SDWC-GUIDE (for SDWC15600 only; also sold separately)

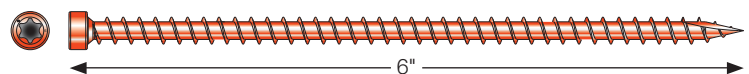


### E-Coat® Coating

| Model No. | Dimensions    |            |               |           |               |            |               |           | Retail Pack   |                | Bucket        |                  |
|-----------|---------------|------------|---------------|-----------|---------------|------------|---------------|-----------|---------------|----------------|---------------|------------------|
|           | Inches        |            |               |           | Millimeters   |            |               |           | Packaging SKU | Fast. per Pack | Packaging SKU | Fast. per Bucket |
|           | O.D. x Length | Minor Dia. | Thread Length | Head Dia. | O.D. x Length | Minor Dia. | Thread Length | Head Dia. |               |                |               |                  |
| SDWC15450 | 0.235 x 4 1/2 | 0.155      | 4 1/4         | 0.335     | 6 x 114       | 3.9        | 108           | 8.5       | SDWC15450-KT  | 50             | SDWC15450B-KT | 500              |

1. O.D. denotes thread outer diameter.

### Clear Zinc Coating (with Orange Topcoat)



| Model No. | Dimensions    |            |               |           |               |            |               |           | Retail Pack   |                | Bucket        |                  |
|-----------|---------------|------------|---------------|-----------|---------------|------------|---------------|-----------|---------------|----------------|---------------|------------------|
|           | Inches        |            |               |           | Millimeters   |            |               |           | Packaging SKU | Fast. per Pack | Packaging SKU | Fast. per Bucket |
|           | O.D. x Length | Minor Dia. | Thread Length | Head Dia. | O.D. x Length | Minor Dia. | Thread Length | Head Dia. |               |                |               |                  |
| SDWC15600 | 0.235 x 6     | 0.155      | 5 3/4         | 0.335     | 6 x 152       | 3.9        | 146           | 8.5       | SDWC15600-KT  | 50             | SDWC15600B-KT | 500              |

1. O.D. denotes thread outer diameter.

# Interior Screws

## QuikStik™ Rafter and Truss Fastening System

### Rafter/Truss-to-Top-Plate, Stud-to-Top-Plate Connections

The Simpson Strong-Tie Quik Stik installation tool provides contractors with a versatile solution that makes fastening rafter and truss connections fast, safe and easy.

- Fast installation: Drive screws overhead from a standing position with no ladders
- Safe on the jobsite: Designed for use inside the structure — no need to work outside the building
- Easy to operate — less-experienced users can work quickly and efficiently
- Proven fastener solution: Tested and code-listed
- Precise: Bright orange guidelines facilitate proper alignment for each of the approved installations
- Special purpose: Designed specifically for use with the Strong-Drive® SDWC Truss screw for rafter/truss connections

### Features:

- Nylon over-molded head with positioning prongs that provide a secure grip on top plate
- Long extension arm for reaching overhead top plate/rafter connections
- Comfortable rubberized grip
- Angle and Centerline guide lines to correctly position the SDWC Truss screw for installation
- Adjustable bubble level to ensure proper installation screw angle

**Codes/Standards:** N/A

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 98–102

US Patent: 10,792,794

### Designed for use with the 6" Strong-Drive SDWC Truss Screw

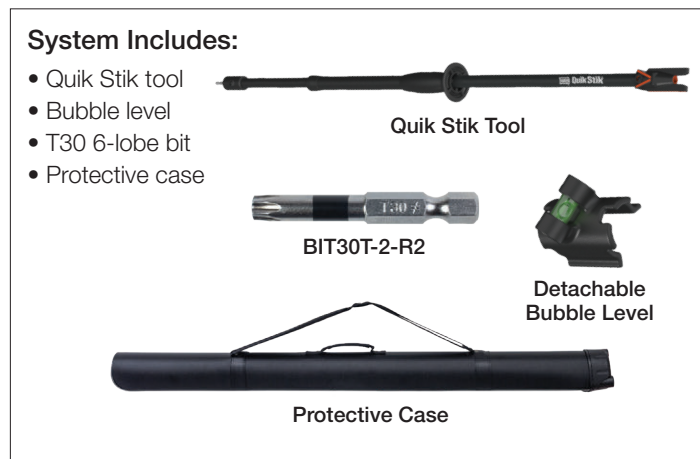
(SDWC15600 screws sold separately, see p. 103)



### Quik Stik System

| Product                                     | Model No. |
|---|-----------|
| Quik Stik rafter and truss fastening system | QUIKSTIK  |
| Quik Stik replacement protective case       | QSCASE    |

BIT30T-2-R2 driver bit is included in Quik Stik system kits.



For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

### Efficiently Installs a Variety of Top-Plate-to-Rafter/Truss/Gable End Assemblies



Narrow face of stud location.



Wide face of stud location.



Rafter/truss offset from stud,  
vertical installation.



Rafter/truss offset from stud,  
corner installation.



Gable end truss installation.

# Interior Screws

## Strong-Drive® SDPW DEFLECTOR Screw

For Non-Load-Bearing Partition Walls to Trusses and Joists

The Strong-Drive SDPW Deflector Screw from Simpson Strong-Tie — a premium structural fastening solution for connecting non-load-bearing walls to trusses and joists. With tested lateral-load ratings that meet building code requirements, the SDPW screw is value engineered for strength, installation speed and safety. Offset driver bits and a driver extension maximize installation speed and safety while minimizing installed cost. The SDPW's screw and polymer sleeve permit the naturally occurring differential deflection between the wall and the supporting member without squeaking.

### Features:

- Deep 6-lobe recess for secure driving
- Polymer sleeve allows for deflection without squeaks
- Interior-grade E-coat™ for dry service applications
- Offset driver bit (6-lobe) drives SDPW Deflector screw to predetermined screw depth
- Available in 3½", 5" and 6" lengths

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**Codes/Standards:** IAPMO UES ER-192 (including City of LA Supplement), State of Florida FL13975

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 103–105

US Patents: 8,458,972 applies to Strong-Drive SDPW Solution; 9,523,383 applies to 6" SDPW Deflector fasteners



### SDPW Deflector Screws

| O.D. x Length (in.) | Shank Diameter (in.) | Thread Length (in.) | Head Diameter (in.) | Sleeve Length (in.) | Drive Type | Sleeve Color | Retail Pack   |                    | Mini-Bulk   |                    |
|---------------------|----------------------|---------------------|---------------------|---------------------|------------|--------------|---------------|--------------------|-------------|--------------------|
|                     |                      |                     |                     |                     |            |              | Model No.     | Fasteners per Pack | Model No.   | Fasteners per Pack |
| 0.205 x 3½          | 0.205                | 2                   | 0.550               | 1.38                | T25        | Blue         | SDPW14312-R50 | 50                 | SDPW14312MB | 500                |
| 0.205 x 5           | 0.205                | 2                   | 0.550               | 2.88                | T25        | Orange       | SDPW14500-R50 | 50                 | SDPW14500MB | 500                |
| 0.275 x 6           | 0.195                | 3                   | 0.650               | 3.10                | T40        | Gray         | SDPW19600-R50 | 50                 | SDPW19600MB | 400                |

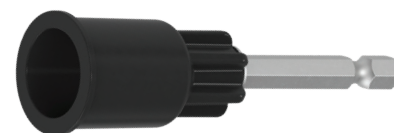
**Note:** Retail packs include (1) offset driver bit and (1) 3/8" predrill bit. Mini bulk packs include (2) offset driver bits and (2) 3/8" predrill bits. 1. O.D. denotes thread outer diameter.

### SDPW Accessories

| Part No. | Description         | Quantity                            |
|----------|---------------------|-------------------------------------|
| PWKIT25T | Bit Kit             | (1) 3/8" Quick-Release Predrill Bit |
|          |                     | (2) T25 Offset Driver Bits          |
| PWKIT40T | Bit Kit             | (1) 3/8" Quick-Release Predrill Bit |
|          |                     | (2) T40 Offset Driver Bits          |
| PW18EXT  | 18" Drive Extension | 1                                   |
| PW30EXT  | 30" Drive Extension | 1                                   |



3/8" x 5" Drill Bit for predrilling



Offset Driver Bit (6-lobe) drives SDPW Deflector Screw to predetermined screw depth



18" or 30" Drive Extension for overhead installations — no ladder needed

## Interior Screws

# Strong-Drive® SDWF FLOOR-TO-FLOOR Screw

### Wind-Uplift Restraint Connections

The Strong-Drive SDWF Floor-to-Floor screw is designed to simplify the wind-uplift restraint connection while providing superior performance over the life of the structure. The unique design of the SDWF enables it to attach upper and lower walls together from the top, spanning the floor system and providing an easy-to-install connection within the continuous uplift load path of the structure.

The innovative take-up washer (TUV) plays a key role in the long-term performance of the SDWF when installed between the screw head and the sole plate of the upper floor. As the structure settles because of shrinkage and construction loading, the threaded portion under the head of the screw ratchets up through the tabs of the TUV, which is fastened with Simpson Strong-Tie Strong-Drive SD screws. The interlock between the tabs of the take-up washer and the threads under the head of the SDWF prevent the screw from sliding back under load, providing a simple yet reliable means of shrinkage compensation up to 3/4" per story.

### Features:

- Faster to install than other floor-to-floor connection methods
- Shrinkage compensation ensures a tight connection even after initial settlement occurs
- Installs from inside the structure, eliminating exterior work on upper stories and enhancing job safety
- Fastening can be done before or after exterior sheathing is applied for added flexibility
- Qualified for use in engineered wood products

### Kit includes all required installation hardware:

- (25) Strong-Drive SDWF Floor-to-Floor screw
- (25) TUV take-up washers
- (100) Strong-Drive SD Connector screws
- 5/16" hex driver bit (replacement driver bit — BITHEXR516-R1)
- Screw depth guide to ensure proper SDWF engagement with TUV

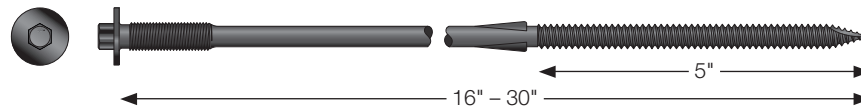


For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**Codes/Standards:** ICC-ES ESR-3046 (SDWF) (including City of LA Supplement), ICC-ES ESR-2320 (TUV), State of Florida FL9589 (SDWF) and FL10007 (TUV)

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 113–118

US Patent: 8,276,323



### E-Coat® Coating

| Length (in.) | Shank Diameter (in.) | Thread Length (in.) | Hex Drive (in.) | Model No.    |
|--------------|----------------------|---------------------|-----------------|--------------|
| 16           | 0.270                | 5                   | 5/16            | SDWF2716-TUV |
| 20           | 0.270                | 5                   | 5/16            | SDWF2720-TUV |
| 24           | 0.270                | 5                   | 5/16            | SDWF2724-TUV |
| 26           | 0.270                | 5                   | 5/16            | SDWF2726-TUV |
| 30           | 0.270                | 5                   | 5/16            | SDWF2730-TUV |



## Interior Screws

### Strong-Drive® SDWV SOLE-TO-RIM Screw

#### Sole-to-Rim Attachment

The Strong-Drive SDWV Sole-to-Rim screw may be used to attach a sole plate to a rim board. The SDWV Sole-to-Rim screw coating is intended for dry service, low corrosion applications and is suitable for use with FRT in medium-corrosion, dry-service applications.

#### Features:

- Large 0.400" diameter head for increased holding power
- Tested in dimensional lumber and engineered wood
- Fast start point with helical ridge for fast, easy, low-torque installation
- Variable thread design, optimized for 2x dimensional lumber

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**Codes/Standards:** IAPMO UES ER-192 (including City of LA Supplement), State of Florida FL13975

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 47–48, 107, 145–146



#### E-Coat® Coating

| Model No. | Dimensions    |                |               |               |               |                |               |               | Bucket        |                      |
|-----------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------------|
|           | Inches        |                |               |               | Millimeters   |                |               |               | Packaging SKU | Fasteners per Bucket |
|           | O.D. x Length | Shank Diameter | Thread Length | Head Diameter | O.D. x Length | Shank Diameter | Thread Length | Head Diameter |               |                      |
| SDWV13400 | 0.185 x 4     | 0.135          | 1½            | 0.400         | 4.7 x 101     | 3.5            | 38            | 10.1          | SDWV13400     | 1,000                |

1. O.D. denotes thread outer diameter.
2. Replacement driver bit: BIT25T-2-R2.

## Wafer-Head Screw

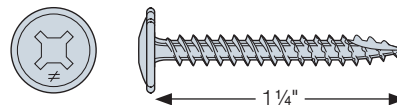
#### Common Applications:

- General wood-to-wood fastening

#### Features:

- Wafer head
- Deep #2 Phillips drive makes driving secure and easy
- Type-17 point for fast starts
- Clear zinc finish; for information on corrosion, materials and coatings, see pp. 16–20

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, p. 202



#### Clear Zinc Coating

| Size | Length (in.) | Head Diameter (in.) | Carton Quantity | Model No.  |
|------|--------------|---------------------|-----------------|------------|
| #8   | 1¼           | 0.415               | 100             | SD8x1.25-R |

## Specialty

# Cement Board Screw

### Cement Board Fastening Applications

### Designed for Use in All Cement Backerboards Including HardieBacker®, Durock®, WonderBoard® and PermaBase®

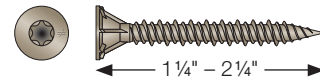
The ANSI-A108 compliant Cement Board screw is designed for ease of installation and long life. With its corrosion-resistant coating, the Cement Board screw is ideal for use in all tile backerboards.

#### Features:

- 6-lobe, T25 drive provides positive engagement to improve bit life (replacement driver bit — BIT25T-2-R2)
- Distinctive multilayer corrosion-resistant coating prevents rust stains
- High-low thread for easier driving
- Ribbed wafer head with nibs provides a flush finish

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**Codes/Standards:** ANSI-A108 compliant



### Coated Zinc

| Size | Length (in.) | Head Diameter (in.) | Drive Type | Retail Pack        |             | Contractor Pack    |             |
|------|--------------|---------------------|------------|--------------------|-------------|--------------------|-------------|
|      |              |                     |            | Fasteners per Pack | Model No.   | Fasteners per Pack | Model No.   |
| #8   | 1 ¼          | 0.380               | T25        | 200                | CBHL114R200 | 800                | CBHL114R800 |
| #8   | 1 ⅝          | 0.380               | T25        | 150                | CBHL158R150 | 600                | CBHL158R600 |
| #8   | 2 ¼          | 0.380               | T25        | 100                | CBHL214R100 | —                  | —           |

1. Corrosion resistance: No red rust after 500 hours of ASTM B117 exposure.

2. Replacement driver bit: BIT25T-2-R2.

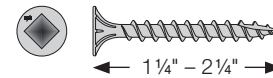
HardieBacker®, Durock®, WonderBoard® and PermaBase® are trademarks of their respective companies.

# Fiber-Cement Screw

#### Features:

- Wafer head with self-countersinking nibs
- Use 1 ⅝" screws to blind-fasten fiber cement lap siding to wood
- Type-17 point for fast starts
- #2 square drive (replacement bit model BIT2S-2-R2; see p. 129 for more information)
- Full-length coarse thread (to within ⅝" of head)
- Use 1 ¼" screws to attach fiber cement siding to stress skin panels

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.



### Type 316 Stainless Steel

| Size | Length (in.) | Head Diameter (in.) | Carton Quantity | Model No.  |
|------|--------------|---------------------|-----------------|------------|
| #8   | 1 ¼          | 0.395               | 100             | T08C125WQC |
| #8   | 1 ¼          | 0.395               | 1,000           | T08C125WQM |
| #8   | 1 ⅝          | 0.395               | 100             | T08C162WQC |
| #8   | 1 ⅝          | 0.395               | 1,000           | T08C162WQM |
| #8   | 2 ¼          | 0.395               | 100             | T08225WQ1  |
| #8   | 2 ¼          | 0.395               | 1,000           | T08C225WQM |
| #8   | 2 ¼          | 0.395               | 2,000           | T08C225WQC |

## Specialty

## Pancake-Head Screw

## Common Applications:

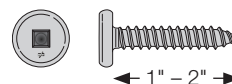
- Securing clips to wood used in standing-seam-roofing

## Features:

- Low-profile head
- #2 square drive (replacement bit BIT2S-2-R2; see p. 129 for more information)
- Fully-threaded shank
- Type 410 stainless steel is coated for additional corrosion protection

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

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.) | Head Diameter (in.) | Carton Quantity | Model No.  |
|------|--------------|---------------------|-----------------|------------|
| #10  | 1            | 0.435               | 100             | F10T100PTC |
| #10  | 1            | 0.435               | 1,000           | F10T100PTM |
| #10  | 1            | 0.435               | 4,500           | F10T100PTB |
| #10  | 2            | 0.435               | 100             | F10T200PTC |
| #10  | 2            | 0.435               | 1,000           | F10T200PTM |

\*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.

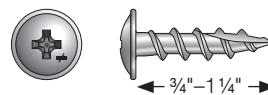
## Wire-Lath Modified Truss-Head Screw

## Common Applications:

- Fastening lath to wood

## Features:

- For use in applications where a larger bearing surface is needed underneath the head
- #2 Phillips drive
- Type-17 point



## Type 305 Stainless Steel

| Size | Length (in.) | Head Diameter (in.) | Carton Quantity | Model No.  |
|------|--------------|---------------------|-----------------|------------|
| #8   | 3/4          | 0.420               | 100             | S08C075KQC |
| #8   | 3/4          | 0.420               | 1,000           | S08C075KQM |
| #8   | 1 1/4        | 0.420               | 100             | S08C125KQC |
| #8   | 1 1/4        | 0.420               | 1,000           | S08C125KQM |

## Specialty

### Truss-Head Screw

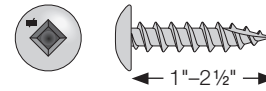
#### Common Applications:

- Fasten all materials to wood or wood-substitute materials

#### Features:

- Square drive
- Type-17 point
- Coarse thread
- Predrilling recommended dependent on substrate
- Oversized head
- #2 square drive (replacement bit model BIT2S-2-R2)

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.



#### Type 305 Stainless Steel

| Size | Length (in.) | Head Diameter (in.) | Carton Quantity | Model No.  |
|------|--------------|---------------------|-----------------|------------|
| #8   | 1            | 0.370               | 100             | S08C100TSC |
| #8   | 1            | 0.370               | 1,000           | S08C100TSM |
| #8   | 1            | 0.370               | 2,000           | S08100TSBC |
| #8   | 1¼           | 0.370               | 100             | S08C125TSC |
| #8   | 1¼           | 0.370               | 1,000           | S08C125TSM |
| #8   | 1½           | 0.370               | 100             | S08C150TSC |
| #8   | 1½           | 0.370               | 1,000           | S08C150TSM |
| #8   | 1½           | 0.370               | 2,000           | S08150TSBC |
| #8   | 2½           | 0.370               | 100             | S08C250TSC |
| #8   | 2½           | 0.370               | 1,000           | S08C250TSM |
| #8   | 2½           | 0.370               | 2,000           | S08250TSBC |

### Storm-Panel Screw

#### Common Applications:

- Ideal for attaching storm panels to wood, concrete and masonry

#### Features:

- Save time and money with a single installation
- The screw is made of Type 302 stainless steel for corrosion resistance

#### Each Pack Contains:

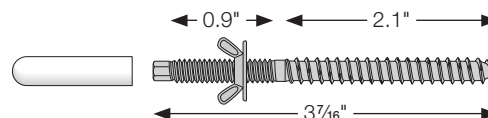
- (25) Stainless-steel storm-panel screws ¼" x 3 7/16"
- (25) ¼" zinc die-cast washered wing nuts
- (25) White plastic caps to protect threads after panels are removed
- (1) Hex-driver bit for panel screw
- (1) 0.234" x 4 ½" carbide-tipped drill bit

#### Installation:

- Drill a hole in the concrete or masonry base material using the drill bit provided. To predrill into wood, use a 3/16" bit (not included).
- Drive the screw using the hex-driver bit (included). Drive the screw to fully embed the coarse-threaded shank such that the threaded stud for the wing nut is fully exposed.
- To secure panels: install the panel on the threaded stud and secure with the wing nut.
- To remove panels: remove the wing nut, remove the panel, then cover the threaded stud with the plastic cap.

#### Storm-Panel Screw Pack

| Size (in.) | Length (in.) | Model No.   |
|------------|--------------|-------------|
| ¼          | 3 7/16       | SPS25344-KT |





# Metal Screws

## 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 for 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 driver bit — BITHEXR516-R1)
- #5 drill point
- Quik Guard® coating
- 5/8"-diameter integral washer
- This screw is also available collated for the Quik Drive® system; see p. 240 for details

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

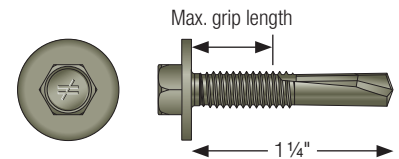
**Codes/Standards:** IAPMO UES ER-326 (including City of LA Supplement), FM Approval 3050714, State of Florida FL16937, SDI DDM03 Appendix IX, SDI DDM04

US Patent: 9,518,599

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 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.**

*For more information regarding fastening steel decking, see C-F-2023TECHSUP *Fastening Systems Technical Guide*, p. 232.*



### 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.) | Bulk            |                 |
|------|--------------|------------------------|---------------------|-----------------------|------------------|------------|-----------------------------------|-----------------|-----------------|
|      |              |                        |                     |                       |                  |            |                                   | Carton Quantity | Model No.       |
| #12  | 1 1/4        | 0.466                  | 5/16                | 0.63                  | 24               | #5         | 0.13 – 0.5                        | 2,000           | XLQ114B1224-2K  |
| #12  | 1 1/4        | 0.466                  | 5/16                | 0.63                  | 24               | #5         | 0.13 – 0.5                        | 250             | XLQ114B1224-250 |

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

# 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 driver bit — BITHEXR516-R1)
- Available only in 1 1/4" length with #5 drill point
- 1/2"-dia. hex washer head is ideal for narrow-channel steel decking
- Available in Quik Guard® coating
- This screw is also available collated for the Quik Drive system; see p. 241 for details

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

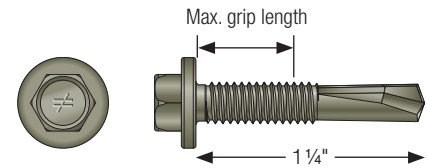
**Codes/Standards:** IAPMO UES ER-326 (including City of LA Supplement), FM Approval 3050714, State of Florida FL16937, SDI DDM04

US Patent: 9,518,599

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 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.**

*For more information regarding fastening steel decking, see C-F-2023TECHSUP Fastening Systems Technical Guide, p. 232.*



### 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.) | Bulk            |                |
|------|--------------|------------------------|---------------------|-----------------------|------------------|------------|-----------------------------------|-----------------|----------------|
|      |              |                        |                     |                       |                  |            |                                   | Carton Quantity | Model No.      |
| #12  | 1 1/4        | 0.530                  | 5/16                | 0.48                  | 24               | #5         | 0.13 – 0.5                        | 2,000           | XMQ114B1224-2K |

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

# Metal Screws

## Strong-Drive® Self-Drilling X Metal Screw

### Common Applications:

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

### Features:

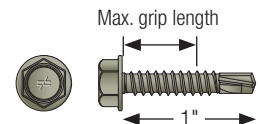
- 5/16" hex head (replacement driver bit — BITHEXR516-R1)
- Drill point
- Hex-washer head
- Also available collated for the Quik Drive® system; see p. 242 for details

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**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-2023TECHSUP *Fastening Systems Technical Guide*, pp. 229–230

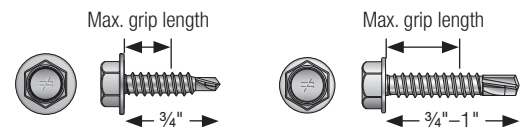
**Warning:** Industry studies show that hardened fasteners can experience performance problems in wet or corrosive environments. Accordingly, use this product in dry, interior and noncorrosive environments only.



### Quik Guard Coating

| Size | Length (in.) | Max. Grip Length (in.) | Threads per Inch | Point Size | Washer Diameter (in.) | Drill-Through Thickness (in.) | Carton Quantity | Model No.     |
|------|--------------|------------------------|------------------|------------|-----------------------|-------------------------------|-----------------|---------------|
| #10  | 1            | 0.469                  | 16               | 3          | 0.42                  | 0.11 – 0.18                   | 4,000           | XQ1B1016-4K   |
| #12  | 1            | 0.402                  | 14               | 3          | 0.42                  | 0.11 – 0.21                   | 3,500           | XQ1B1214-3.5K |

1. Grip length includes side member, steel thickness, air gap (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 | Drill-Through Thickness (in.) | Carton Quantity | Model No.    |
|------|--------------|------------------------|------------------|------------|-------------------------------|-----------------|--------------|
| #10  | 3/4          | 0.333                  | 16               | 1          | 0.03 – 0.11                   | 5,000           | XU34B1016-5K |
| #10  | 3/4          | 0.233                  | 16               | 3          | 0.11 – 0.18                   | 5,000           | X34B1016-5K  |
| #10  | 1            | 0.469                  | 16               | 3          | 0.11 – 0.18                   | 4,000           | X1B1016-4K   |
| #12  | 1            | 0.402                  | 14               | 3          | 0.11 – 0.21                   | 3,500           | X1B1214-3.5K |

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

# Metal Screws

## Strong-Drive® XE EXTERIOR STRUCTURAL METAL Screw

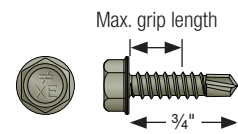
For Simpson Strong-Tie Connectors

### Features:

- 5/16" hex-washer head (replacement driver bit — BITHEXR516-R1)
- 16 threads per inch
- Dual hardened heat treatment improves drilling efficiency, maximizes ductility and reduces the potential for hydrogen embrittlement
- Quik Guard® coated for corrosion protection
- Meets ASTM C1513 drill-time performance
- Only fastener load rated for Simpson Strong-Tie L70Z and LS70Z connectors for use with New Castle Steel™ steel deck framing

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**For Technical Data and Loads**, see C-F-2023TECHSUP *Fastening Systems Technical Guide*, p. 228



### Quik Guard Coating

| Size | Length (in.) | Max. Grip Length (in.) | Shank Diameter (in.) | Hex Head Size (in.) | Threads per Inch | Head Diameter (in.) | Point Size | Carton Quantity | Model No.   |
|------|--------------|------------------------|----------------------|---------------------|------------------|---------------------|------------|-----------------|-------------|
| #10  | 3/4          | 0.291                  | 0.190                | 5/16                | 16               | 0.400               | 2          | 100             | XEQ34B1016C |
| #10  | 3/4          | 0.291                  | 0.190                | 5/16                | 16               | 0.400               | 2          | 1,000           | XEQ34B1016M |

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

## Self-Drilling E Metal Screw

### Common Applications:

- Cold-formed steel framing

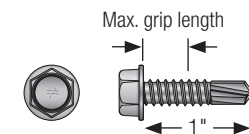
### Features:

- Hex-washer head
- Clear zinc finish
- Recommended for use with certain Simpson Strong-Tie connectors
- #3 drill point (max. total drilling thickness 0.35")
- Bit included in each box (replacement driver bit — BITHEXR38-R1)

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**Codes/Standards:** ASTM C1513 compliant

**For Technical Data and Loads**, see C-F-2023TECHSUP *Fastening Systems Technical Guide*, p. 231



### Clear Zinc Coating

| Size | Length (in.) | Max. Grip Length (in.) | Hex Head Size (in.) | Threads per Inch | Head Diameter (in.) | Point Size | Carton Quantity | Model No.   |
|------|--------------|------------------------|---------------------|------------------|---------------------|------------|-----------------|-------------|
| #14  | 1            | 0.326                  | 3/8                 | 14               | 0.500               | #3         | 100             | E1B1414R100 |
| #14  | 1            | 0.326                  | 3/8                 | 14               | 0.500               | #3         | 2,500           | E1B1414B    |

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



# Metal Screws

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

### Common Applications:

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

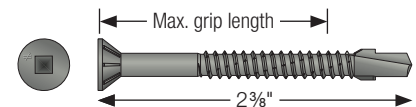
### Features:

- Flat head with nibs for easy countersinking
- #3 square drive (driver bit in each box; replacement bit model BIT3S-2-R2; use BIT3SU-2-RC3 for mechanically galvanized — N2000®)
- #4 drill point with wings
- Installation Guidelines: Maximum recommended thickness up to ¼"
- This screw is also available in collated for the Quik Drive® system; see p. 235 for details
- For drill point and metal thickness information, please refer to p. 27 of this catalog

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**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.**

For Technical Data and Loads, see C-F-2023TECHSUP *Fastening Systems Technical Guide*, p. 212



### Mechanically Galvanized — N2000

| Size | Length (in.) | Max. Grip Length (in.) | Shank Diameter (in.) | Head Diameter (in.) | Threads per Inch | Carton Quantity | Model No.    |
|------|--------------|------------------------|----------------------|---------------------|------------------|-----------------|--------------|
| #12  | 2 3/8        | 1.65                   | 0.175                | 0.390               | 14               | 1,500           | TBG1260R1500 |

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



### Black Phosphate Coating

| Size | Length (in.) | Max. Grip Length (in.) | Shank Diameter (in.) | Head Diameter (in.) | Threads per Inch | Carton Quantity | Model No.    |
|------|--------------|------------------------|----------------------|---------------------|------------------|-----------------|--------------|
| #12  | 1 3/4        | 1.06                   | 0.175                | 0.390               | 14               | 2,000           | TBP1245R2000 |
| #12  | 1 3/4        | 1.06                   | 0.175                | 0.390               | 14               | 50              | TBP1245R50   |
| #14  | 2 3/8        | 1.65                   | 0.198                | 0.460               | 14               | 1,000           | TBP1460R1000 |
| #14  | 2 3/8        | 1.65                   | 0.198                | 0.460               | 14               | 50              | TBP1460R50   |
| #14  | 3            | 2.24                   | 0.198                | 0.460               | 14               | 1,000           | TBP1475R1000 |
| #14  | 3            | 2.24                   | 0.198                | 0.460               | 14               | 50              | TBP1475R50   |

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

# Metal Screws

## Strong-Drive® TF WOOD-TO-STEEL Screw

### Common Applications:

- Wood to steel (maximum recommended thicknesses: 1/4" to 15/32")

### Features:

- Flat head with nibs for easy countersinking and pull-through resistance
- 6-lobe recess for secure driving (driver bit in each box; replacement bit model BIT30T-S2-R1)
- #5 drill point with wings to bore through wood member
- Self-tapping threads to securely fasten into steel member
- This screw is also available collated for Quik Drive® auto-feed screw driving systems; see p. 236 for details
- Installation Guidelines: Maximum recommended thickness: 1/4" to 15/32"
- For drill point and metal thickness information, please refer to p. 27 of this catalog
- For more information regarding driver motor rpm recommendations, please see p. 26 of this catalog

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**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.**

For Technical Data and Loads, see C-F-2023TECHSUP *Fastening Systems Technical Guide*, p. 213



### Black Phosphate Coating

| Size | Length in. (mm) | Max. Grip Length (in.) | Head Diameter (in.) | Threads per Inch | Carton Quantity | Model No.  | Bucket Quantity | Model No.    |
|------|-----------------|------------------------|---------------------|------------------|-----------------|------------|-----------------|--------------|
| #14  | 3 (75)          | 1.939                  | 0.460               | 14               | 50              | TFP1475R50 | 1,000           | TFP1475R1000 |

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

# Metal Screws

## Strong-Drive® FPHSD FRAMING-TO-CFS Screw

### Cold-Formed Steel Framing

#### Common Applications:

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

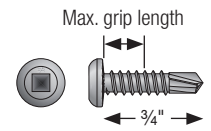
#### Features:

- Flat pan head
- Self-drilling
- #3 square drive (driver bit in each box; replacement bit model BIT3S-2-R2)
- This screw is also available collated for the Quik Drive® system; see p. 237 for details

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**Codes/Standards:** ASTM C1513 compliant; ICC-ES ESR-3006 (including City of LA Supplement), State of Florida FL35320

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 222–223, 227



### Clear Zinc Coating

| Size | Length (in.) | Max. Grip Length (in.) | Threads per Inch | Head Diameter (in.) | Point Size | Approx. Count per lb. | 1 lb. Model No. | Bulk            |                 |
|------|--------------|------------------------|------------------|---------------------|------------|-----------------------|-----------------|-----------------|-----------------|
|      |              |                        |                  |                     |            |                       |                 | Carton Quantity | Model No.       |
| #10  | ¾            | 0.257                  | 16               | 0.370               | #3         | 165                   | FPHSD34B1016    | 5,000           | FPHSD34B1016-5K |
| #12  | ¾            | 0.233                  | 14               | 0.370               | #3         | 147                   | FPHSD34B1214    | 5,000           | FPHSD34B1214-5K |

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

# Metal Screws

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

Subfloor/Sheathing to Cold-Formed Steel

### Common Applications:

- Fastening wood structural panels and other building materials to cold-formed steel framing.

### Features:

- 6-lobe drive (driver bit in each box; use replacement bit model BIT25T-2-R2)
- Fine threads
- Pilot point
- Quik Guard® and yellow zinc coating
- PPHD screws may be used as prescribed by the codes for shearwalls and diaphragms as described in AISI S240, AISI S400 and AISI S213
- This screw is also available collated for use with Quik Drive auto-feed screw driving systems; see p. 239 for details

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**Installation Guidelines:** #8 — maximum thickness two layers of 16 ga. (0.125" total);

#10 and #12 — maximum thickness two layers of 12 ga. (0.218" total)

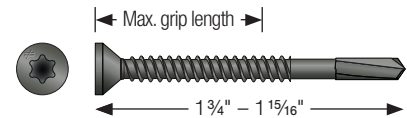
Recommended maximum wood panel sheathing thickness are as follows:

#8 x 1 15/16" — 7/8"; #10 x 1 3/4" — 19/32"; #10 x 3" — 7/8"; #12 — 19/32"

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

For Technical Data and Loads, see C-F-2023TECHSUP *Fastening Systems Technical Guide*, p. 214

**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

| Shank Size | Length (in.) | Thread Length (in.) | Max. Grip Length (in.) | Head Diameter (in.) | Point Size | Threads per Inch | Carton Quantity | Model No.         |
|------------|--------------|---------------------|------------------------|---------------------|------------|------------------|-----------------|-------------------|
| #8         | 1 15/16      | 1.22                | 1.034                  | 0.320               | 5          | 17               | 4,000           | PPHDQ11516B-4K    |
| #10        | 1 3/4        | 0.98                | 0.793                  | 0.330               | 5          | 16               | 4,000           | PPHDQ134B1016-4K  |
| #12        | 1 3/4        | 0.99                | 0.766                  | 0.460               | 5          | 14               | 4,000           | PPHDQ134B1214-4K* |

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



### Yellow Zinc Coating

| Shank Size | Length (in.) | Thread Length (in.) | Max. Grip Length (in.) | Head Diameter (in.) | Point Size | Threads per Inch | Carton Quantity | Model No.       |
|------------|--------------|---------------------|------------------------|---------------------|------------|------------------|-----------------|-----------------|
| #8         | 1 15/16      | 1.22                | 1.034                  | 0.320               | 5          | 17               | 4,000           | PPHD11516B-4K   |
| #10        | 1 3/4        | 0.98                | 0.793                  | 0.330               | 5          | 16               | 4,000           | PPHD134B1016-4K |
| #10        | 3            | 1.48                | 1.273                  | 0.330               | 5          | 16               | 4,000           | PPHD3S1016-4K   |

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

2. Has underhead nibs.



# Metal Screws

## Metal-Panel Screw

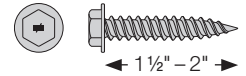
### Common Applications:

- Aluminum agricultural siding panels to wood joists without predrilling

### Features:

- Extra-sharp point for quick penetration of aluminum panels without "point walking"
- Twin-lead thread fastens one to three panel thicknesses securely to wood substrate
- ¼" hex drive
- Limited models available in Type 305 stainless steel; call Simpson Strong-Tie for availability (800) 999-5099

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.



### Type 316 Stainless Steel

| Size | Length (in.) | Head Diameter (in.) | Carton Quantity | Model No.  |
|------|--------------|---------------------|-----------------|------------|
| #9   | 1½           | 0.400               | 100             | T09150HWHC |
| #9   | 1½           | 0.400               | 1,000           | T09150HWHM |
| #9   | 2            | 0.400               | 1,000           | T09200HWHM |

## Metal-Panel Screw with EPDM Washer

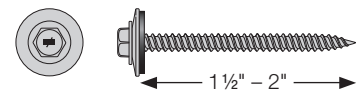
### Common Applications:

- Aluminum agricultural siding panels to wood joists without predrilling

### Features:

- Extra-sharp point for quick penetration of aluminum panels without "point walking"
- Twin-lead thread fastens one to three panel thicknesses securely to wood substrate
- Type 316 stainless-steel washers
- ¼" hex drive

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.



### Type 316 Stainless Steel

| Size | Length (in.) | Washer Diameter (in.) | Carton Quantity | Model No.  |
|------|--------------|-----------------------|-----------------|------------|
| #9   | 1½           | 5/8                   | 100             | T09150HWAC |
| #9   | 1½           | 5/8                   | 1,000           | T09150HWAM |
| #9   | 2            | 5/8                   | 100             | T09200HWAC |
| #9   | 2            | 5/8                   | 1,000           | T09200HWAM |

# Metal Screws

## Self-Drilling Hex-Washer-Head Screw

### Common Applications:

- Aluminum and fiberglass fastening (*not steel*)

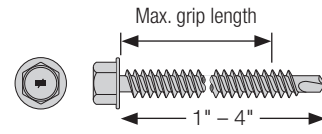
### Features:

- Indented hex-washer head
- Tapping screw thread
- #3 drill point

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

*For more information on drilling thickness capacities and drill speed recommendations, see pp. 26–27.*

Types 316 and 305 stainless steel provide superior corrosion resistance and are suitable for softer materials such as aluminum and fiberglass (*not steel*).



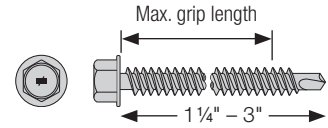
### Type 316 Stainless Steel

| Size | Length (in.) | Max. Grip Length (in.) | Hex Head Size (in.) | Threads per Inch | Carton Quantity | Model No.  |
|------|--------------|------------------------|---------------------|------------------|-----------------|------------|
| #8   | 1            | 0.564                  | ¼                   | 18               | 100             | T08100HDUC |
| #8   | 1            | 0.564                  | ¼                   | 18               | 1,000           | T08100HDUM |
| #12  | 1            | 0.442                  | 5/16                | 14               | 100             | T12100HDUC |
| #12  | 1            | 0.442                  | 5/16                | 14               | 1,000           | T12100HDUM |
| #12  | 1½           | 0.942                  | 5/16                | 14               | 100             | T12150HDUC |
| #12  | 1½           | 0.942                  | 5/16                | 14               | 1,000           | T12150HDUM |
| #12  | 2            | 1.442                  | 5/16                | 14               | 100             | T12200HDUC |
| #12  | 2            | 1.442                  | 5/16                | 14               | 1,000           | T12200HDUM |
| #12  | 2½           | 1.942                  | 5/16                | 14               | 100             | T12250HDUC |
| #12  | 2½           | 1.942                  | 5/16                | 14               | 1,000           | T12250HDUM |
| #12  | 3            | 2.442                  | 5/16                | 14               | 100             | T12300HDUC |
| #12  | 3            | 2.442                  | 5/16                | 14               | 1,000           | T12300HDUM |
| #12  | 4            | 3.413                  | 5/16                | 14               | 100             | T12400HDUC |
| #12  | 4            | 3.413                  | 5/16                | 14               | 1,000           | T12400HDUM |

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

# Metal Screws

## Self-Drilling Hex-Washer-Head Screw (cont.)



### Type 305 Stainless Steel

| Size | Length (in.) | Max. Grip Length (in.) | Hex Head Size (in.) | Threads per Inch | Carton Quantity | Model No.  |
|------|--------------|------------------------|---------------------|------------------|-----------------|------------|
| #12  | 1 ¼          | 0.692                  | 5/16                | 14               | 100             | S12125HDUC |
| #12  | 1 ¼          | 0.692                  | 5/16                | 14               | 1,000           | S12125HDUM |
| #12  | 1 ½          | 0.942                  | 5/16                | 14               | 100             | S12150HDUC |
| #12  | 1 ½          | 0.942                  | 5/16                | 14               | 1,000           | S12150HDUM |
| #12  | 2            | 1.442                  | 5/16                | 14               | 100             | S12200HDUC |
| #12  | 2            | 1.442                  | 5/16                | 14               | 1,000           | S12200HDUM |
| #12  | 2 ½          | 1.942                  | 5/16                | 14               | 100             | S12250HDUC |
| #12  | 2 ½          | 1.942                  | 5/16                | 14               | 1,000           | S12250HDUM |
| #12  | 3            | 2.442                  | 5/16                | 14               | 100             | S12300HDUC |
| #12  | 3            | 2.442                  | 5/16                | 14               | 1,000           | S12300HDUM |

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

# Metal Screws

## Self-Drilling Flat-Pan-Head Screw

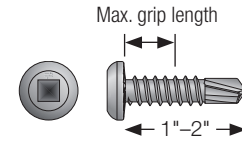
### Common Applications:

- Aluminum and fiberglass fastening (*not steel*)

### Features:

- Fully threaded
- #3 drill point
- #2 square drive (replacement bit model BIT2S-2-R2)

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.



### Type 305 Stainless Steel

| Size | Length (in.) | Max. Grip Length (in.) | Threads per Inch | Head Diameter (in.) | Drill Point Size | Carton Quantity | Model No.    |
|------|--------------|------------------------|------------------|---------------------|------------------|-----------------|--------------|
| #10  | 1            | 0.813                  | 16               | 0.370               | #3               | 25              | S10T100PDQ25 |
| #10  | 1            | 0.813                  | 16               | 0.370               | #3               | 1,000           | S10T100PDM   |
| #10  | 1¼           | 1.063                  | 16               | 0.370               | #3               | 25              | S10T125P25   |
| #10  | 1¼           | 1.063                  | 16               | 0.370               | #3               | 1,000           | S10T125PDM   |
| #10  | 1½           | 1.313                  | 16               | 0.370               | #3               | 25              | S10T150P25   |
| #10  | 1½           | 1.313                  | 16               | 0.370               | #3               | 1,000           | S10T150PDM   |
| #10  | 2            | 1.813                  | 16               | 0.370               | #3               | 25              | S10T200P25   |
| #10  | 2            | 1.813                  | 16               | 0.370               | #3               | 1,000           | S10T200PDM   |

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

## Self-Drilling Pancake-Head Screw

### Common Applications:

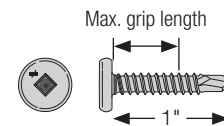
- Ideal for securing clips used in standing-seam-roofing

### Features:

- Low-profile head.
- #2 square drive (replacement bit model BIT2S-2-R2).
- Type 410 stainless steel is coated for additional corrosion protection.
- #2 drill point 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.
- 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.

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

**For more information on drilling thickness capacities and drill speed recommendations, see pp. 26–27.**



### Type 410 Stainless Steel\*

| Size | Length (in.) | Max. Grip Length (in.) | Threads per Inch | Head Diameter (in.) | Carton Quantity | Model No.  |
|------|--------------|------------------------|------------------|---------------------|-----------------|------------|
| #10  | 1            | 0.469                  | 16               | 0.410               | 100             | F10T100PSC |
| #10  | 1            | 0.469                  | 16               | 0.410               | 1,000           | F10T100PSM |
| #10  | 1            | 0.469                  | 16               | 0.410               | 4,500           | F10T100PSB |

\*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.

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



# Metal Screws

## Self-Drilling Bugle-Head Screw

### Common Applications:

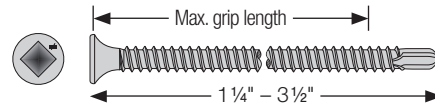
- Fasten wood, plywood and OSB panels to steel studs

### Features:

- Bugle heads drive flush with work surface.
- #2 square drive (replacement bit model BIT2S-2-R2).
- Tapping screw threads.
- #3 drill point.
- Type 410 stainless steel is coated for additional corrosion protection.
- 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.
- **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.

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

*For more information on drilling thickness capacities and drill speed recommendations, see pp. 26–27.*



### Type 410 Stainless Steel\*

| Size | Length (in.) | Max. Grip Length (in.) | Threads per Inch | Head Diameter (in.) | Carton Quantity | Model No.  |
|------|--------------|------------------------|------------------|---------------------|-----------------|------------|
| #6   | 1 ¼          | 0.895                  | 20               | 0.340               | 100             | F06T125BDC |
| #6   | 1 ¼          | 0.895                  | 20               | 0.340               | 1,000           | F06T125BDM |
| #6   | 1 ¼          | 0.895                  | 20               | 0.340               | 5,000           | F06T125BDB |
| #8   | 1 ⅝          | —                      | 18               | 0.340               | 100             | F08T162BDC |
| #8   | 1 ⅝          | —                      | 18               | 0.340               | 1,000           | F08T162BDM |
| #8   | 1 ⅝          | —                      | 18               | 0.340               | 3,000           | F08T162BDB |
| #8   | 2            | —                      | 18               | 0.340               | 100             | F08T200BDC |
| #8   | 2            | —                      | 18               | 0.340               | 1,000           | F08T200BDM |
| #8   | 2            | —                      | 18               | 0.340               | 2,500           | F08T200BDB |
| #10  | 2 ½          | 1.966                  | 16               | 0.340               | 100             | F10T250BDC |
| #10  | 2 ½          | 1.966                  | 16               | 0.340               | 1,000           | F10T250BDM |
| #10  | 2 ½          | 1.966                  | 16               | 0.340               | 2,000           | F10T250BDB |
| #10  | 3            | 2.466                  | 16               | 0.340               | 100             | F10T300BDC |
| #10  | 3            | 2.466                  | 16               | 0.340               | 1,500           | F10T300BDB |
| #10  | 3 ½          | 2.966                  | 16               | 0.340               | 100             | F10T350BDC |
| #10  | 3 ½          | 2.966                  | 16               | 0.340               | 1,000           | F10T350BDB |

\*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.

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

# Metal Screws

## Self-Drilling Fiber-Cement Screw

### Common Applications:

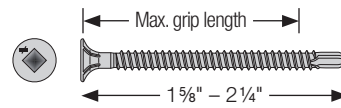
- Fasten fiber-cement products through furring strips to steel studs

### Features:

- Wafer head, square drive, self-countersinking nibs under the head.
- Threaded to within  $\frac{5}{16}$ " of top of head.
- #3 drill point.
- #2 square drive (replacement bit model BIT2S-2-R2)
- Type 410 stainless steel is coated for additional corrosion protection.
- 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.
- 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.

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

*For more information on drilling thickness capacities and drill speed recommendations, see pp. 26–27.*



### Type 410 Stainless Steel\*

| Size | Length (in.)    | Max. Grip Length (in.) | Threads per Inch | Head Diameter (in.) | Carton Quantity | Model No.  |
|------|-----------------|------------------------|------------------|---------------------|-----------------|------------|
| #8   | 1 $\frac{5}{8}$ | 1.151                  | 18               | 0.390               | 100             | F08T162WDC |
| #8   | 1 $\frac{5}{8}$ | 1.151                  | 18               | 0.390               | 1,000           | F08T162WDM |
| #8   | 1 $\frac{5}{8}$ | 1.151                  | 18               | 0.390               | 3,000           | F08T162WDB |
| #8   | 2 $\frac{1}{4}$ | 1.801                  | 18               | 0.390               | 100             | F08T225WDC |
| #8   | 2 $\frac{1}{4}$ | 1.801                  | 18               | 0.390               | 1,000           | F08T225WDM |
| #8   | 2 $\frac{1}{4}$ | 1.801                  | 18               | 0.390               | 2,500           | F08T225WDB |

\*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.

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

# Metal Screws

## Self-Drilling Flat-Head Screw with Wings

### Common Applications:

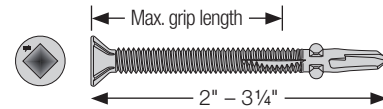
- Fasten wood, plywood and fiber-cement products to steel — up to 0.209" thick

### Features:

- Flat countersunk head with self-countersinking nibs.
- #3 square drive (replacement bit model BIT3S-2-R2).
- Machine screw thread, threaded full length.
- Shank slot enhances thread formation in steel and removes exhaust.
- Wings above drill point provide clearance hole in work piece so it won't climb up the shank; wings break off as point engages the steel substrate.
- 2½" length for 2x wood; 2" length for 1" and ¾" boards.
- Type 410 stainless steel is coated for additional corrosion protection.
- 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.
- 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.

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

*For more information on drilling thickness capacities and drill speed recommendations, see pp. 26–27.*



### Type 410 Stainless Steel\*

| Size | Length (in.) | Max. Grip Length (in.) | Threads per Inch | Head Diameter (in.) | Drill Point Size | Carton Quantity | Model No.  |
|------|--------------|------------------------|------------------|---------------------|------------------|-----------------|------------|
| #12  | 2            | 1.875                  | 24               | 0.380               | #3               | 100             | F12C200FDC |
| #12  | 2            | 1.875                  | 24               | 0.380               | #3               | 1,000           | F12C200FDM |
| #12  | 2            | 1.875                  | 24               | 0.380               | #3               | 2,500           | F12C200FDB |
| #12  | 2½           | 2.375                  | 24               | 0.380               | #3               | 100             | F12C250FDC |
| #12  | 2½           | 2.375                  | 24               | 0.380               | #3               | 1,000           | F12C250FDM |
| #12  | 2½           | 2.375                  | 24               | 0.380               | #3               | 1,800           | F12C250FDB |
| #14  | 3¼           | 3.100                  | 20               | 0.470               | #4               | 100             | F14C325FDC |
| #14  | 3¼           | 3.100                  | 20               | 0.470               | #4               | 1,000           | F14C325FDB |

\*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.

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

# Metal Screws

## Self-Drilling Siding Screw

### Common Applications:

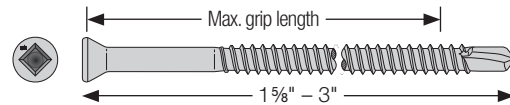
- Attach wood siding, wood panels to steel studs

### Features:

- Trim head.
- Threaded  $\frac{2}{3}$  of overall length.
- #3 drill point.
- #1 square drive (replacement bit model BIT1S-2-R2).
- 1 $\frac{1}{8}$ " models are fully threaded.
- 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.
- **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.

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

*For more information on drilling thickness capacities and drill speed recommendations, see pp. 26–27.*



### Type 410 Stainless Steel\*

| Size | Length (in.)    | Max. Grip Length (in.) | Threads per Inch | Head Diameter (in.) | Approx. Count per lb. | Carton Quantity | Model No.  |
|------|-----------------|------------------------|------------------|---------------------|-----------------------|-----------------|------------|
| #7   | 1 $\frac{1}{8}$ | 1.169                  | 19               | 0.230               | 187                   | 100             | F07T162TDC |
| #7   | 1 $\frac{1}{8}$ | 1.169                  | 19               | 0.230               | 187                   | 1,000           | F07T162TDM |
| #7   | 1 $\frac{1}{8}$ | 1.169                  | 19               | 0.230               | 187                   | 5,000           | F07T162TDB |
| #7   | 2 $\frac{1}{4}$ | —                      | 19               | 0.230               | 132                   | 100             | F07T225TDC |
| #7   | 2 $\frac{1}{4}$ | —                      | 19               | 0.230               | 132                   | 1,000           | F07T225TDM |
| #7   | 2 $\frac{1}{4}$ | —                      | 19               | 0.230               | 132                   | 4,000           | F07T225TDB |
| #7   | 3               | —                      | 19               | 0.230               | 105                   | 100             | F07T300TDC |
| #7   | 3               | —                      | 19               | 0.230               | 105                   | 1,000           | F07T300TDM |
| #7   | 3               | —                      | 19               | 0.230               | 105                   | 2,000           | F07T300TDB |

\*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.

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



# Metal Screws

## Self-Drilling Wafer-Head Screw with Wings

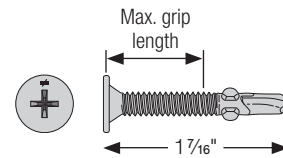
### Common Applications:

- Attach plywood and OSB panels to steel studs

### Features:

- #2 Phillips drive
- Machine-screw thread, threaded full length
- Wings above drill point provide clearance hole in work piece so it won't climb up the shank; wings break off as point engages the steel substrate
- #3 drill point
- Type 410 stainless steel is coated for additional corrosion protection
- 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
- **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.

For more information on drilling thickness capacities and drill speed recommendations, see pp. 26–27.



### Type 410 Stainless Steel\*

| Size | Length (in.)                   | Max. Grip Length (in.) | Threads per Inch | Head Diameter (in.) | Carton Quantity | Model No.  |
|------|--------------------------------|------------------------|------------------|---------------------|-----------------|------------|
| #10  | 1 <sup>7</sup> / <sub>16</sub> | 0.967                  | 24               | 0.450               | 100             | F10C144WDC |
| #10  | 1 <sup>7</sup> / <sub>16</sub> | 0.967                  | 24               | 0.450               | 1,000           | F10C144WDM |
| #10  | 1 <sup>7</sup> / <sub>16</sub> | 0.967                  | 24               | 0.450               | 4,500           | F10C144WDB |

\*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.

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

## Metal Screws

# Self-Drilling Wire-Lath Modified Truss-Head Screw

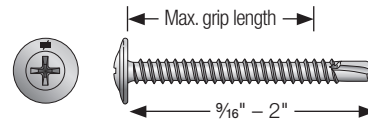
### Common Applications:

- Metal lath to steel studs; corrugated siding panels to steel studs

### Features:

- Fasten corrugated siding panels to steel stud without predrilling. Securely fastens one to three panel thicknesses.
- #2 Phillips drive.
- #2 drill point for quick penetration of aluminum panels without “point walking.”
- Type 410 stainless steel is coated for additional corrosion protection.
- 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.
- **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.

For more information on drilling thickness capacities and drill speed recommendations, see pp. 26–27.



### Type 410 Stainless Steel\*

| Size | Length (in.) | Max. Grip Length (in.) | Threads per Inch | Head Diameter (in.) | Carton Quantity | Model No.  |
|------|--------------|------------------------|------------------|---------------------|-----------------|------------|
| #8   | 9/16         | 0.148                  | 18               | 0.42                | 100             | F08T056KDC |
| #8   | 9/16         | 0.148                  | 18               | 0.42                | 1,000           | F08T056KDM |
| #8   | 9/16         | 0.148                  | 18               | 0.42                | 8,000           | F08T056KDB |
| #8   | 3/4          | 0.291                  | 18               | 0.42                | 100             | F08T075KDC |
| #8   | 3/4          | 0.291                  | 18               | 0.42                | 1,000           | F08T075KDM |
| #8   | 3/4          | 0.291                  | 18               | 0.42                | 6,000           | F08T075KDB |
| #8   | 1 1/4        | 0.791                  | 18               | 0.42                | 100             | F08T125KDC |
| #8   | 1 1/4        | 0.791                  | 18               | 0.42                | 1,000           | F08T125KDM |
| #8   | 1 1/4        | 0.791                  | 18               | 0.42                | 4,000           | F08T125KDB |
| #8   | 1 5/8        | 1.166                  | 18               | 0.42                | 100             | F08T162KDC |
| #8   | 1 5/8        | 1.166                  | 18               | 0.42                | 1,000           | F08T162KDM |
| #8   | 1 5/8        | 1.166                  | 18               | 0.42                | 3,000           | F08T162KDB |
| #8   | 2            | 1.517                  | 18               | 0.42                | 100             | F08T200KDC |
| #8   | 2            | 1.517                  | 18               | 0.42                | 1,000           | F08T200KDM |
| #8   | 2            | 1.517                  | 18               | 0.42                | 2,500           | F08T200KDB |

\*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.

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

# Parts and Accessories

## Driver Bits

### New color-coded driver bits for easy size identification

Most Simpson Strong-Tie driver bits are now color-coded to make size and type selection easier! Available in 6-lobe, square and hex drive, these new driver bits have color bands that make choosing the correct size for your fasteners a breeze. Our industrial-grade driver bits are specially designed for a secure fit with Simpson Strong-Tie fasteners.

**Note:** Undersized bits are designed for use with coated fasteners.

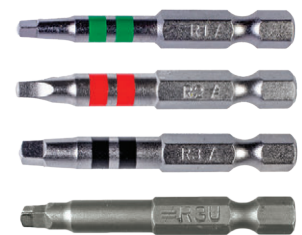
### Driver Bits — 6-Lobe

| Drive | Bit Length (in.) | Bit Type             | Number of Color Bands | Band Color | Bit Quantity per Pack | Model No.     |
|-------|------------------|----------------------|-----------------------|------------|-----------------------|---------------|
| T10   | 2                | Power Bit            | 1                     | Yellow     | 2                     | BIT10T-2-R2   |
| T15   | 2                | Power Bit            | 1                     | Red        | 2                     | BIT15T-2-R2   |
| T20   | 2                | Auto-Set Driver™ Bit | —                     | —          | 3                     | BIT20T-PL-RC3 |
| T20   | 2                | Power Bit            | 1                     | Violet     | 2                     | BIT20T-2-R2   |
| T25   | 2                | Power Bit            | 1                     | Green      | 2                     | BIT25T-2-R2   |
| T27   | 2                | Power Bit            | 1                     | Brown      | 2                     | BIT27T-2-R2   |
| T30   | 2                | Power Bit            | 1                     | Black      | 2                     | BIT30T-2-R2   |
| T40   | 1¾               | Power Bit            | 1                     | Blue       | 2                     | BIT40T-134-R2 |
| T50   | 2                | Power Bit            | 1                     | White      | 1                     | BIT50T-2-R1   |



### Driver Bits — Square Drive

| Drive     | Bit Length (in.) | Bit Type              | Number of Color Bands | Band Color | Bit Quantity per Pack | Model No.    |
|-----------|------------------|-----------------------|-----------------------|------------|-----------------------|--------------|
| #1 Square | 2                | Power Bit             | 2                     | Green      | 2                     | BIT1S-2-R2   |
| #2 Square | 2                | Power Bit             | 2                     | Red        | 2                     | BIT2S-2-R2   |
| #3 Square | 2                | Power Bit             | 2                     | Black      | 2                     | BIT3S-2-R2   |
| #3 Square | 2                | Power Bit, undersized | —                     | —          | 3                     | BIT3SU-2-RC3 |



### Driver Bits — Hex Drive

| Drive  | Bit Length (in.) | Bit Type      | Number of Color Bands | Band Color | Bit Quantity per Pack | Model No.     |
|--------|------------------|---------------|-----------------------|------------|-----------------------|---------------|
| ¼" Hex | 1¾               | Hex Power Bit | 1                     | Black      | 1                     | BITHEXR14-R1  |
| ⅝" Hex | 1¾               | Hex Power Bit | 1                     | Yellow     | 1                     | BITHEXR516-R1 |
| ¾" Hex | 1¾               | Hex Power Bit | 1                     | Blue       | 1                     | BITHEXR38-R1  |
| ½" Hex | 1¾               | Hex Power Bit | 1                     | Red        | 1                     | BITHEXR12-R1  |







Stainless-Steel  
16d SCN Smooth Shank  
Connector Nail

**Strength at every  
connection.**





# Nails



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## Exterior Nails

# Strong-Drive® SCN SMOOTH-SHANK CONNECTOR Nail

For Simpson Strong-Tie® Connectors

Simpson Strong-Tie Connector nails are the best choice for Simpson Strong-Tie connectors.

### Features:

- Code-compliant hot-dip galvanized
- Complies with ASTM F1667, metal hardware nails
- Head ID stamp for easy identification

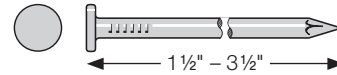
See p. 148 for collated Strong-Drive SCN Smooth-Shank Connector nails.

For Technical Data and Loads, see C-F-2023TECHSUP *Fastening Systems Technical Guide*, p. 206



0.131" x 1½" 0.148" x 1½" 0.148" x 3" 0.162" x 3½"

### SCN Smooth-Shank Head Stamps



Hot-Dip Galvanized — ASTM A153, Class D

| Diameter x Length (in.) | Head Diameter (in.) | Approx. Count per lb. | 1 lb. Model No. | Retail Pack Count | Retail Pack | Mini-Bulk Count | Mini-Bulk  |
|-------------------------|---------------------|-----------------------|-----------------|-------------------|-------------|-----------------|------------|
| 0.131 x 1½              | 0.28                | 150                   | N8              | 150               | N8DHDG-R    | 750             | N8D5HDG-R  |
| 0.148 x 1½              | 0.31                | 120                   | N10             | 120               | N10DHDG-R   | 600             | N10D5HDG-R |
| 0.148 x 3               | 0.31                | —                     | —               | 50                | 10DHDG-R    | 250             | 10D5HDG-R  |
| 0.162 x 3½              | 0.34                | —                     | —               | 40                | 16DHDG-R    | 200             | 16D5HDG-R  |

# Exterior Nails

## Strong-Drive® SCNR RING-SHANK CONNECTOR Nail

For Simpson Strong-Tie® Connectors

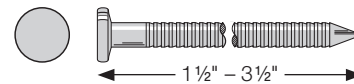
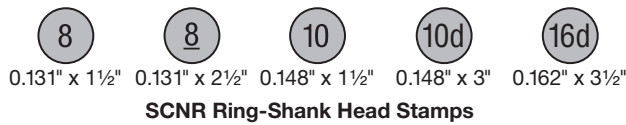
Strong-Drive SCNR Ring-Shank Connector nails are the best choice for achieving full load values in stainless steel connectors. Choose Type 316 stainless-steel nails when using stainless-steel connectors.

**Features:**

- Head ID stamp for easy identification
- Type 316 stainless steel for use with stainless-steel connectors
- Use stainless-steel ring-shank nails for full connector loads
- Complies with ASTM F1667, metal hardware nails

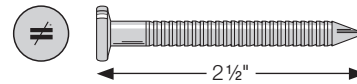
See p. 149 for collated Strong-Drive SCNR Ring-Shank Connector nails.

For Technical Data and Loads, see C-F-2023TECHSUP *Fastening Systems Technical Guide*, p. 207



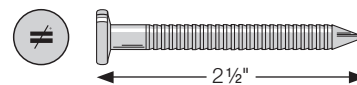
### Type 316 Stainless Steel

| Diameter x Length (in.) | Gauge | Head Diameter (in.) | Approx. Count per lb. | 1 lb. Model No. | Retail Pack Count | Retail Pack | Mini-Bulk Count | Mini-Bulk | Bulk Count | Bulk Model No. |
|-------------------------|-------|---------------------|-----------------------|-----------------|-------------------|-------------|-----------------|-----------|------------|----------------|
| 0.131 x 1½              | 10    | 0.28                | 155                   | SSNA8           | 150               | SSNA8D      | 750             | SSNA8D5   | 3,750      | SSNA8DB        |
| 0.131 x 2½              | 10    | 0.28                | 94                    | SSA8D           | 90                | SSA8DD      | 450             | SSA8D5    | 2,250      | SSA8DB         |
| 0.148 x 1½              | 9     | 0.31                | 123                   | SSNA10          | 120               | SSNA10D     | 600             | SSNA10D5  | 3,000      | SSNA10DB       |
| 0.148 x 3               | 9     | 0.31                | 63                    | SSA10D          | 50                | SSA10DD     | 250             | SSA10D5   | 1,250      | SSA10DB        |
| 0.162 x 3½              | 8     | 0.34                | 44                    | SSA16D          | 40                | SSA16DD     | 200             | SSA16D5   | 1,000      | SSA16DB        |



### Hot-Dip Galvanized — ASTM A153, Class D

| Diameter x Length (in.) | Gauge | Head Diameter (in.) | Approx. Count per lb. | 1 lb. Model No.             | 1 lb. Box Model No. | Approx. 5 lb. Count | 5 lb. Box Model No. | Approx. 25 lb. Count | 25 lb. Box Model No. |
|-------------------------|-------|---------------------|-----------------------|-----------------------------|---------------------|---------------------|---------------------|----------------------|----------------------|
| 0.250 x 2½              | 3½    | 0.50                | 27                    | N54AHDG — Sold by the pound |                     |                     |                     |                      |                      |



### Bright

| Diameter x Length (in.) | Gauge | Head Diameter (in.) | Approx. Count per lb. | 1 lb. Model No.          | 1 lb. Box Model No. | Approx. 5 lb. Count | 5 lb. Box Model No. | Approx. 25 lb. Count | 25 lb. Box Model No. |
|-------------------------|-------|---------------------|-----------------------|--------------------------|---------------------|---------------------|---------------------|----------------------|----------------------|
| 0.250 x 2½              | 3½    | 0.50                | 27                    | N54A — Sold by the pound |                     |                     |                     |                      |                      |

Bright nails are not for use in exterior or preservative-treated wood applications.

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Nails

## Exterior Nails

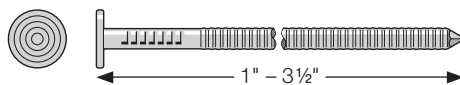
### Premium Exterior Nail

#### Common Applications:

- Siding in severe-exposure environments

#### Features:

- Type 316 stainless steel for seaside applications and severe-exposure environments
- Passivated to ensure corrosion resistance
- Circle pattern head reduces glare and accepts surface finishes
- Annular ring shank increases withdrawal resistance, provides greater holding power
- Blunt diamond point drives true and reduces board splitting



#### Type 316 Stainless Steel

| Penny Size | Length (in.) | Wire Gauge | Shank Diameter (in.) | Head Diameter (in.) |       | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | 25 lb. Bucket Model No. |
|------------|--------------|------------|----------------------|---------------------|-------|-----------------------|-----------------|-----------------|-------------------------|
| 2d         | 1            | 15         | 0.072                | 5/32                | 0.156 | 807                   | T2KR51          | T2KR55          | T2KR5B                  |
| 2d         | 1            | 14         | 0.083                | 7/32                | 0.219 | 530                   | T2KR71          | T2KR75          | —                       |
| 3d         | 1 1/4        | 14         | 0.083                | 5/32                | 0.156 | 495                   | T3KR51          | T3KR55          | T3KR5B                  |
| 3d         | 1 1/4        | 14         | 0.083                | 7/32                | 0.219 | 470                   | T3KR71          | T3KR75          | T3KR7B                  |
| 4d         | 1 1/2        | 14         | 0.083                | 5/32                | 0.156 | 398                   | T4KR51          | T4KR55          | T4KR5B                  |
| 4d         | 1 1/2        | 14         | 0.083                | 7/32                | 0.219 | 394                   | T4KR71          | T4KR75          | T4KR7B                  |
| 5d         | 1 3/4        | 14         | 0.083                | 5/32                | 0.156 | 354                   | T5KR51          | T5KR55          | T5KR5B                  |
| 5d         | 1 3/4        | 14         | 0.083                | 7/32                | 0.219 | 337                   | T5KR71          | T5KR75          | T5KR7B                  |
| 6d         | 2            | 14         | 0.083                | 5/32                | 0.156 | 402                   | T6KR51          | T6KR55          | T6KR5B                  |
| 6d         | 2            | 13         | 0.092                | 7/32                | 0.219 | 261                   | T6KR71          | T6KR75          | T6KR7B                  |
| 7d         | 2 1/4        | 13         | 0.092                | 5/32                | 0.156 | 215                   | T7KR51          | T7KR55          | T7KR5B                  |
| 7d         | 2 1/4        | 13         | 0.092                | 7/32                | 0.219 | 216                   | T7KR71          | T7KR75          | T7KR7B                  |
| 8d         | 2 1/2        | 13         | 0.092                | 5/32                | 0.156 | 196                   | T8KR51          | T8KR55          | T8KR5B                  |
| 8d         | 2 1/2        | 13         | 0.092                | 7/32                | 0.219 | 196                   | T8KR71          | T8KR75          | T8KR7B                  |
| 10d        | 3            | 12         | 0.113                | 7/32                | 0.219 | 120                   | T10KR71         | T10KR75         | T10KR7B                 |
| 16d        | 3 1/2        | 11         | 0.120                | 1/4                 | 0.250 | 88                    | T16KR41         | T16KR45         | T16KR4B                 |

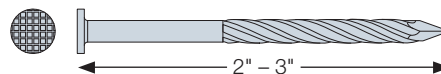


## Exterior Nails

### Screw-Shank Nail

#### Features:

- Checker pattern head blends with wood grain, reduces glare from sunlight and accepts surface finishes
- Screw shank increases withdrawal resistance to provide a secure attachment
- Stainless-steel nails are recommended for construction of permanent wood foundations by the *ANSI/AWC Permanent Wood Foundations Design Specifications*
- Type 316 stainless steel



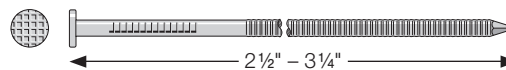
#### Type 316 Stainless Steel

| Penny Size | Length (in.) | Gauge | Shank Diameter (in.) | Head Diameter (in.) | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | 25 lb. Bucket Model No. |          |
|------------|--------------|-------|----------------------|---------------------|-----------------------|-----------------|-----------------|-------------------------|----------|
| 6d         | 2            | 12    | 0.113                | $\frac{17}{64}$     | 0.266                 | 175             | T6SBX1          | T6SBX5                  | T6SBXB   |
| 8d         | 2½           | 12    | 0.113                | $\frac{17}{64}$     | 0.266                 | 138             | T8SBX1          | T8SBX5                  | T8SBXB   |
| 10d        | 3            | 11    | 0.12                 | $\frac{17}{64}$     | 0.266                 | 99              | T10SPBX1        | T10SPBX5                | T10SPBXB |

### Decking and General Wood Construction Nail — Annular Ring Shank

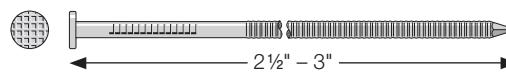
#### Features:

- Smaller compact heads are less visible
- Checker pattern on head blends with wood grain and reduces glare from sunlight
- Annular ring shank increases withdrawal resistance to help prevent nails from popping up over time
- Slender shank permits nailing at board ends with reduced splitting
- Diamond point for easier driving
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance
- Hammer caps recommended for painted-head nails



#### Type 316 Stainless Steel

| Penny Size | Length (in.) | Gauge | Shank Diameter (in.) | Head Diameter (in.) | Color | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | 25 lb. Bucket Model No. |        |
|------------|--------------|-------|----------------------|---------------------|-------|-----------------------|-----------------|-----------------|-------------------------|--------|
| 8d         | 2½           | 12    | 0.113                | $\frac{7}{32}$      | 0.219 | Non-painted           | 145             | T8CRD1          | T8CRD5                  | T8CRDB |
| 10d        | 3            | 12    | 0.113                | $\frac{7}{32}$      | 0.219 | Non-painted           | 120             | T10CRD1         | T10CRD5                 | —      |
| 12d        | 3¼           | 12    | 0.113                | $\frac{7}{32}$      | 0.219 | Non-painted           | 110             | T12CRD1         | T12CRD5                 | —      |



#### Type 304 Stainless Steel

| Penny Size | Length (in.) | Gauge | Shank Diameter (in.) | Head Diameter (in.) | Color | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | 25 lb. Bucket Model No. |         |
|------------|--------------|-------|----------------------|---------------------|-------|-----------------------|-----------------|-----------------|-------------------------|---------|
| 8d         | 2½           | 12    | 0.113                | $\frac{7}{32}$      | 0.219 | Non-painted           | 145             | S8CRD1          | S8CRD5                  | S8CRDB  |
| 10d        | 3            | 12    | 0.113                | $\frac{7}{32}$      | 0.219 | Non-painted           | 120             | S10CRD1         | S10CRD5                 | S10CRDB |

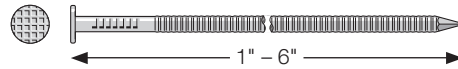
These products are subject to quantities on hand, or may require special-order, minimum order quantities and longer lead times. Call Simpson Strong-Tie for details (800) 999-5099.

## Exterior Nails

# Decking and General Wood Construction Nail — Annular Ring Shank

### Features:

- Annular ring shank increases withdrawal resistance to provide a secure attachment
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance
- Stainless-steel nails are recommended for construction of permanent wood foundations by the *ANSI/AWC Permanent Wood Foundations Design Specifications*

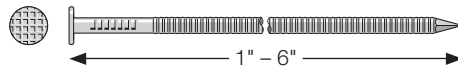


### Type 316 Stainless Steel

| Penny Size | Length (in.) | Gauge | Shank Diameter (in.) | Head Diameter (in.) |       | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | 25 lb. Bucket Model No. |
|------------|--------------|-------|----------------------|---------------------|-------|-----------------------|-----------------|-----------------|-------------------------|
| 2d         | 1            | 15    | 0.072                | 3/16                | 0.188 | 807                   | T2ACN1          | —               | T2ACNB                  |
| 3d         | 1¼           | 14    | 0.083                | 7/32                | 0.219 | 473                   | T3ACN1          | T3ACN5          | T3ACNB                  |
| 4d         | 1½           | 12    | 0.113                | ¼                   | 0.250 | 228                   | T4ACN1          | T4ACN5          | T4ACNB                  |
| 4d         | 1½           | 9     | 0.148                | 5/16                | 0.313 | 130                   | T4HACN1         | T4HACN5         | T4HACNB                 |
| 6d         | 2            | 11    | 0.120                | 17/64               | 0.266 | 144                   | T6ACN1          | T6ACN5          | T6ACNB                  |
| 8d         | 2½           | 10    | 0.131                | 9/32                | 0.281 | 94                    | T8ACN1**        | T8ACN5**        | T8ACNB**                |
| 10d        | 3            | 9     | 0.148                | 5/16                | 0.313 | 67                    | T10ACN1*        | T10ACN5*        | T10ACNB*                |
| 12d        | 3¼           | 9     | 0.148                | 5/16                | 0.313 | 60                    | T12ACN1*        | T12ACN5*        | T12ACNB*                |
| 16d        | 3½           | 8     | 0.162                | 11/32               | 0.344 | 44                    | T16ACN1         | T16ACN5         | T16ACNB                 |
| 20d        | 4            | 6     | 0.203                | 7/16                | 0.438 | 25                    | T20ACN1         | T20ACN5         | T20ACNB                 |
| 30d        | 4½           | 6     | 0.203                | 7/16                | 0.438 | 22                    | —               | —               | T30ACNB                 |
| 40d        | 5            | 6     | 0.203                | 7/16                | 0.438 | 19                    | T40ACN1         | T40ACN5         | T40ACNB                 |
| 60d        | 6            | 4     | 0.238                | 15/32               | 0.469 | 12                    | —               | —               | T60ACNB*                |

\*Complies with ASTM F1667 specifications for post-frame ring-shank nails.

\*\*Complies with ASTM F1667 specifications for roof-sheathing ring-shank nails.



### Type 304 Stainless Steel

| Penny Size | Length (in.) | Gauge | Shank Diameter (in.) | Head Diameter (in.) |       | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | 25 lb. Bucket Model No. |
|------------|--------------|-------|----------------------|---------------------|-------|-----------------------|-----------------|-----------------|-------------------------|
| 2d         | 1            | 15    | 0.072                | 3/16                | 0.188 | 807                   | S2ACN1          | S2ACN5          | S2ACNB                  |
| 2d         | 1            | 14    | 0.083                | 7/32                | 0.219 | 530                   | S2HACN1         | —               | S2HACNB                 |
| 3d         | 1¼           | 14    | 0.083                | 7/32                | 0.219 | 473                   | S3ACN1          | S3ACN5          | S3ACNB                  |
| 4d         | 1½           | 12    | 0.113                | ¼                   | 0.250 | 228                   | S4ACN1          | S4ACN5          | S4ACNB                  |
| 6d         | 2            | 11    | 0.120                | 17/64               | 0.266 | 144                   | S6ACN1          | S6ACN5          | S6ACNB                  |
| 8d         | 2½           | 10    | 0.131                | 9/32                | 0.281 | 94                    | S8ACN1**        | S8ACN5**        | S8ACNB**                |
| 10d        | 3            | 9     | 0.148                | 5/16                | 0.313 | 67                    | S10ACN1*        | S10ACN5*        | S10ACNB*                |
| 12d        | 3¼           | 9     | 0.148                | 5/16                | 0.313 | 60                    | S12ACN1*        | S12ACN5*        | S12ACNB*                |
| 16d        | 3½           | 8     | 0.162                | 11/32               | 0.344 | 44                    | S16ACN1         | S16ACN5         | S16ACNB                 |
| 20d        | 4            | 6     | 0.203                | 7/16                | 0.438 | 25                    | S20ACN1         | S20ACN5         | S20ACNB                 |
| 30d        | 4½           | 6     | 0.203                | 7/16                | 0.438 | 22                    | S30ACN1         | S30ACN5         | S30ACNB                 |
| 40d        | 5            | 6     | 0.203                | 7/16                | 0.438 | 19                    | S40ACN1         | S40ACN5         | S40ACNB                 |
| 60d        | 6            | 4     | 0.238                | 15/32               | 0.469 | 12                    | —               | —               | S60ACNB*                |

\*Complies with ASTM F1667 specifications for post-frame ring-shank nails.

\*\*Complies with ASTM F1667 specifications for roof-sheathing ring-shank nails.

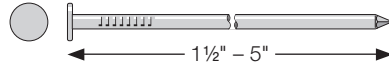
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## Exterior Nails

# Decking and General Wood Construction Nail — Smooth Shank

### Features:

- Stainless-steel nails are recommended for construction of permanent wood foundations by the *ANSI/AWC Permanent Wood Foundations Design Specifications*
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance



### Type 316 Stainless Steel

| Penny Size | Length (in.) | Gauge | Shank Diameter (in.) | Head Diameter (in.) |       | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | 25 lb. Bucket Model No. |
|------------|--------------|-------|----------------------|---------------------|-------|-----------------------|-----------------|-----------------|-------------------------|
| 4d         | 1½           | 12    | 0.113                | ¼                   | 0.250 | 228                   | T4CN1           | —               | T4CNB                   |
| 6d         | 2            | 11    | 0.120                | 17/64               | 0.266 | 144                   | T6CN1           | —               | T6CNB                   |
| 8d         | 2½           | 10    | 0.131                | 9/32                | 0.281 | 94                    | T8CN1           | —               | T8CNB                   |
| 10d        | 3            | 9     | 0.148                | 5/16                | 0.313 | 67                    | T10CN1          | T10CN5          | T10CNB                  |
| 16d        | 3½           | 8     | 0.162                | 11/32               | 0.344 | 44                    | T16CN1          | T16CN5          | T16CNB                  |
| 20d        | 4            | 6     | 0.203                | 7/16                | 0.438 | 25                    | T20CN1          | —               | —                       |
| 40d        | 5            | 6     | 0.203                | 7/16                | 0.438 | 19                    | —               | —               | T40CNB                  |

# Exterior Nails

## Siding, Trim, Shake and Shingle Nail

### Features:

- Checker pattern on head blends with wood grain, reduces glare from sunlight and accepts surface finishes
- Annular ring shank increases withdrawal resistance to provide a secure attachment that reduces cupping of siding boards
- Diamond point for easier driving
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance



### Type 316 Stainless Steel

| Penny Size | Length (in.) | Gauge | Shank Diameter (in.) | Head Diameter (in.) |       | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | 25 lb. Bucket Model No. |
|------------|--------------|-------|----------------------|---------------------|-------|-----------------------|-----------------|-----------------|-------------------------|
| 3d         | 1¼           | 14    | 0.083                | ⅝ <sub>32</sub>     | 0.156 | 495                   | T3SND1          | T3SND5          | T3SNDB                  |
| 4d         | 1½           | 14    | 0.083                | ⅝ <sub>32</sub>     | 0.156 | 398                   | T4SND1          | T4SND5          | T4SNDB                  |
| 5d         | 1¾           | 14    | 0.083                | ⅝ <sub>32</sub>     | 0.156 | 354                   | T5SND1          | T5SND5          | T5SNDB                  |
| 6d         | 2            | 13    | 0.092                | ⅝ <sub>32</sub>     | 0.156 | 245                   | T6SND1          | T6SND5          | T6SNDB                  |
| 7d         | 2¼           | 13    | 0.092                | ⅝ <sub>32</sub>     | 0.156 | 215                   | T7SND1          | T7SND5          | T7SNDB                  |
| 8d         | 2½           | 13    | 0.092                | ⅝ <sub>32</sub>     | 0.156 | 196                   | T8SND1          | T8SND5          | T8SNDB                  |
| 10d        | 3            | 12    | 0.113                | ⅞ <sub>32</sub>     | 0.219 | 120                   | T10SND1         | T10SND5         | T10SNDB                 |
| 12d        | 3¼           | 12    | 0.113                | ⅞ <sub>32</sub>     | 0.219 | 110                   | —               | —               | T12SNDB                 |
| 16d        | 3½           | 11    | 0.120                | ¼                   | 0.250 | 88                    | —               | T16SND5         | T16SNDB                 |



### Type 304 Stainless Steel

| Penny Size | Length (in.) | Gauge | Shank Diameter (in.) | Head Diameter (in.) |       | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | 25 lb. Bucket Model No. |
|------------|--------------|-------|----------------------|---------------------|-------|-----------------------|-----------------|-----------------|-------------------------|
| 3d         | 1¼           | 14    | 0.083                | ⅝ <sub>32</sub>     | 0.156 | 495                   | S3SND1          | S3SND5          | S3SNDB                  |
| 4d         | 1½           | 14    | 0.083                | ⅝ <sub>32</sub>     | 0.156 | 398                   | S4SND1          | S4SND5          | S4SNDB                  |
| 5d         | 1¾           | 13    | 0.092                | ⅝ <sub>32</sub>     | 0.156 | 260                   | SP5SND1         | SP5SND5         | SP5SNDB                 |
| 5d         | 1¾           | 14    | 0.083                | ⅝ <sub>32</sub>     | 0.156 | 354                   | S5SND1          | S5SND5          | S5SNDB                  |
| 6d         | 2            | 13    | 0.092                | ⅝ <sub>32</sub>     | 0.156 | 245                   | S6SND1          | S6SND5          | S6SNDB                  |
| 7d         | 2¼           | 13    | 0.092                | ⅝ <sub>32</sub>     | 0.156 | 215                   | S7SND1          | S7SND5          | S7SNDB                  |
| 8d         | 2½           | 13    | 0.092                | ⅝ <sub>32</sub>     | 0.156 | 196                   | S8SND1          | S8SND5          | S8SNDB                  |
| 10d        | 3            | 12    | 0.113                | ⅞ <sub>32</sub>     | 0.219 | 120                   | S10SND1         | S10SND5         | S10SNDB                 |
| 12d        | 3¼           | 12    | 0.113                | ⅞ <sub>32</sub>     | 0.219 | 110                   | S12SND1         | S12SND5         | S12SNDB                 |
| 16d        | 3½           | 11    | 0.120                | ¼                   | 0.250 | 88                    | S16SND1         | S16SND5         | S16SNDB                 |
| 20d        | 4            | 10    | 0.131                | ¼                   | 0.250 | 74                    | S20SND1         | S20SND5         | S20SNDB                 |

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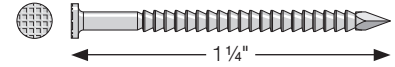


## Exterior Nails

### Siding, Trim, Shake and Shingle Nail

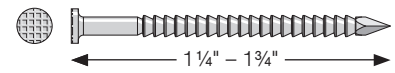
#### Features:

- Designed to fashion woven corners
- Ultra-thin 0.072"-wire diameter
- Unobtrusive 0.141"-diameter head
- Blunt diamond point minimizes shingle splitting
- Annular ring-shank thread
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance



#### Type 316 Stainless Steel

| Penny Size | Length (in.) | Wire Gauge | Shank Diameter (in.) | Head Diameter (in.) |       | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. |
|------------|--------------|------------|----------------------|---------------------|-------|-----------------------|-----------------|-----------------|
| 3d         | 1 1/4        | 15         | 0.072                | 5/64                | 0.141 | 550                   | T3ACDRWVR1      | T3ACDRWVR5      |



#### Type 304 Stainless Steel

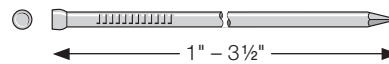
| Penny Size | Length (in.) | Wire Gauge | Shank Diameter (in.) | Head Diameter (in.) |       | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | 25 lb. Model No. |
|------------|--------------|------------|----------------------|---------------------|-------|-----------------------|-----------------|-----------------|------------------|
| 3d         | 1 1/4        | 15         | 0.072                | 5/64                | 0.141 | 550                   | S3ACDRWVR1      | S3ACDRWVR5      | —                |
| 5d         | 1 3/4        | 15         | 0.072                | 5/64                | 0.141 | 550                   | —               | —               | S5ACDRWVRB       |

# Exterior Nails

## Finishing Nail

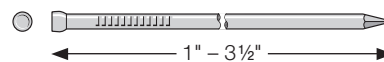
### Features:

- Brad head for a less visible appearance
- Smooth shank, diamond point for easier driving
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance



### Type 316 Stainless Steel

| Penny Size | Length (in.) | Gauge | Shank Diameter (in.) | Head Diameter (in.) |       | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | 25 lb. Bucket Model No. |
|------------|--------------|-------|----------------------|---------------------|-------|-----------------------|-----------------|-----------------|-------------------------|
| 2d         | 1            | 15    | 0.072                | 6/55                | 0.109 | 863                   | T2FN1           | —               | T2FNB                   |
| 3d         | 1¼           | 15    | 0.072                | 6/55                | 0.109 | 649                   | T3FN1           | T3FN5           | T3FNB                   |
| 4d         | 1½           | 14    | 0.083                | 3/25                | 0.120 | 434                   | T4FN1           | T4FN5           | T4FNB                   |
| 5d         | 1¾           | 14    | 0.083                | 3/25                | 0.120 | 375                   | T5FN1           | —               | —                       |
| 6d         | 2            | 13    | 0.092                | 5/37                | 0.135 | 247                   | T6FN1           | T6FN5           | T6FNB                   |
| 8d         | 2½           | 12    | 0.113                | 4/27                | 0.148 | 146                   | T8FN1           | T8FN5           | T8FNB                   |
| 10d        | 3            | 11    | 0.120                | 16/97               | 0.165 | 102                   | T10FN1          | —               | T10FNB                  |
| 12d        | 3¼           | 11    | 0.120                | 16/97               | 0.165 | 97                    | T12FN1          | T12FN5          | —                       |
| 16d        | 3½           | 11    | 0.120                | 16/97               | 0.165 | 86                    | T16FN1          | T16FN5          | T16FNB                  |



### Type 304 Stainless Steel

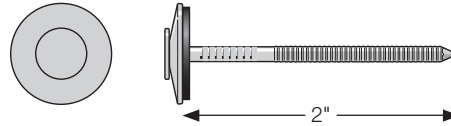
| Penny Size | Length (in.) | Gauge | Shank Diameter (in.) | Head Diameter (in.) |       | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | 25 lb. Bucket Model No. |
|------------|--------------|-------|----------------------|---------------------|-------|-----------------------|-----------------|-----------------|-------------------------|
| 3d         | 1¼           | 15    | 0.072                | 6/55                | 0.109 | 649                   | S3FN1           | S3FN5           | S3FNB                   |
| 4d         | 1½           | 14    | 0.083                | 3/25                | 0.120 | 434                   | S4FN1           | S4FN5           | S4FNB                   |
| 5d         | 1¾           | 14    | 0.083                | 3/25                | 0.120 | 375                   | S5FN1           | —               | S5FNB                   |
| 6d         | 2            | 13    | 0.092                | 5/37                | 0.135 | 247                   | S6FN1           | S6FN5           | S6FNB                   |
| 8d         | 2½           | 12    | 0.113                | 4/27                | 0.148 | 146                   | S8FN1           | S8FN5           | S8FNB                   |
| 10d        | 3            | 11    | 0.120                | 16/97               | 0.165 | 102                   | S10FN1          | S10FN5          | S10FNB                  |
| 12d        | 3¼           | 11    | 0.120                | 16/97               | 0.165 | 97                    | —               | —               | S12FNB                  |
| 16d        | 3½           | 11    | 0.120                | 16/97               | 0.165 | 86                    | S16FN1          | S16FN5          | S16FNB                  |

## Exterior Nails

### Specialty Nail — Annular Ring Shank

**Features:**

- Smooth head
- Washers are made from Type 316 stainless steel with bonded EPDM washer to provide a weather-resistant seal for exterior sheathing and roofing applications
- Annular ring shanks increase withdrawal resistance to provide a secure attachment



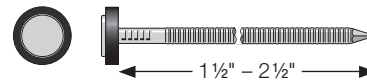
#### Type 316 Stainless Steel

| Penny Size | Length (in.) | Gauge | Shank Diameter (in.) | Washer Diameter (in.) | Approx. Count per lb. | 1 lb. Count Model No. |
|------------|--------------|-------|----------------------|-----------------------|-----------------------|-----------------------|
| 6d         | 2            | 10    | 0.131                | 0.625                 | 75                    | T10A200X07            |

### Specialty Nail

**Features:**

- Heavy EPDM washer provides a weather-proof seal (5/16" OD x 1/8" thick)
- Recommended fastener for installation of corrugated-panel roofing as well as sheet-metal roofing and siding in corrosive environments
- Annular ring shank increases withdrawal resistance to provide a secure attachment to wood members



#### Type 304 Stainless Steel

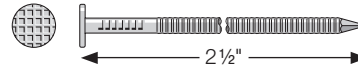
| Penny Size | Length (in.) | Gauge | Shank Diameter (in.) | Head Diameter (in.) | Approx. Count per lb. | 5 lb. Model No. | 25 lb. Bucket Model No. |            |
|------------|--------------|-------|----------------------|---------------------|-----------------------|-----------------|-------------------------|------------|
| 4d         | 1½           | 10    | 0.131                | 3/8                 | 0.375                 | 113             | —                       | S10150RNWB |
| 5d         | 1¾           | 10    | 0.131                | 3/8                 | 0.375                 | 105             | S10175RNW5              | S10175RNWB |
| 8d         | 2½           | 10    | 0.131                | 3/8                 | 0.375                 | 83              | S10250RNW5              | S10250RNWB |

# Exterior Nails

## Painted Siding Nail

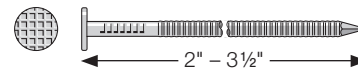
### Features:

- Premium-quality nails for cedar, redwood and cypress siding materials
- Durable painted finish helps heads blend with siding material
- Checker pattern on head blends with wood texture
- Annular ring shank increases withdrawal resistance to provide a secure attachment
- Slender gauge and diamond point for easier driving
- Custom colors available upon request (minimums apply) — call for details
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance
- Hammer caps recommended for painted-head nails



### Type 316 Stainless Steel

| Penny Size | Length (in.) | Gauge | Shank Diameter (in.) | Head Diameter (in.) |       | Color | Approx. Count per lb. | 1 lb. Model No. | 25 lb. Bucket Model No. |
|------------|--------------|-------|----------------------|---------------------|-------|-------|-----------------------|-----------------|-------------------------|
| 8d         | 2½           | 13    | 0.092                | 5/32                | 0.156 | White | 196                   | T8SNDW1         | T8SNDWB                 |



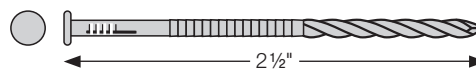
### Type 304 Stainless Steel

| Penny Size | Length (in.) | Gauge | Shank Diameter (in.) | Head Diameter (in.) |       | Color      | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | 25 lb. Bucket Model No. |
|------------|--------------|-------|----------------------|---------------------|-------|------------|-----------------------|-----------------|-----------------|-------------------------|
| 6d         | 2            | 13    | 0.092                | 5/32                | 0.156 | White      | 245                   | S6SNDW1         | S6SNDW5         | —                       |
| 8d         | 2½           | 13    | 0.092                | 5/32                | 0.156 | White      | 196                   | S8SNDW1         | S8SNDW5         | —                       |
| 10d        | 3            | 12    | 0.113                | 7/32                | 0.219 | Dark Brown | 120                   | S10SNDB1        | S10SNDB5        | —                       |
| 10d        | 3            | 12    | 0.113                | 7/32                | 0.219 | Redwood    | 120                   | S10SNDR1        | —               | S10SNDRB                |
| 10d        | 3            | 12    | 0.113                | 7/32                | 0.219 | Tan        | 120                   | S10SNDT1        | S10SNDT5        | —                       |
| 10d        | 3            | 12    | 0.113                | 7/32                | 0.219 | White      | 120                   | —               | —               | S10SNDWB                |
| 16d        | 3½           | 11    | 0.120                | ¼                   | 0.250 | Dark Brown | 88                    | S16SNDB1        | S16SNDB5        | —                       |
| 16d        | 3½           | 11    | 0.120                | ¼                   | 0.250 | Redwood    | 88                    | S16SNDR1        | S16SNDR5        | S16SNDRB                |
| 16d        | 3½           | 11    | 0.120                | ¼                   | 0.250 | Sienna     | 88                    | S16SND1         | S16SND5         | —                       |
| 16d        | 3½           | 11    | 0.120                | ¼                   | 0.250 | Tan        | 88                    | S16SNDT1        | S16SNDT5        | S16SNDTB                |



## Siding, Trim, Shake and Shingle Nail

Specifically designed for use with PVC trim board. The spiral shank beginning of the nail allows the nail to smoothly work itself into the board. The ring-shank provides withdrawal resistance. Ring-shank nails can burst the back of the trim board leading to an unsatisfactory fit, while smooth-shank nails and trim nails do not have the same withdrawal resistance. The PVC trim-board nail is the best of both worlds.



### Type 316 Stainless Steel

| Penny Size | Length (in.) | Screw Size/ Nail Gauge | Shank Dia. (in.) | Head Dia. (in.) | Shank             | Head Type      | Point         | Count per lb. (approx.) | Package Size | Model No. |
|------------|--------------|------------------------|------------------|-----------------|-------------------|----------------|---------------|-------------------------|--------------|-----------|
| 8d         | 2½           | 13                     | 0.092            | 0.21            | Spiral/ring shank | Checkered head | Diamond point | 196                     | 1,000        | T8VTN1000 |



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



## Exterior Nails

### Siding, Trim, Shake and Shingle Nail

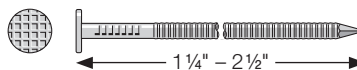
#### Features:

- $\frac{7}{32}$ "-diameter flat head provides ample bearing surface to firmly secure shakes and shingles of all types
- Checker pattern on head blends with wood grain, reduces glare from sunlight and accepts surface finishes
- Annular ring-shank increases withdrawal resistance to provide a secure attachment
- Slender shanks minimize splitting
- Diamond point for easier driving
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance



#### Type 316 Stainless Steel

| Penny Size | Length (in.) | Gauge | Shank Diameter (in.) | Head Diameter (in.) | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | 25 lb. Bucket Model No. |        |
|------------|--------------|-------|----------------------|---------------------|-----------------------|-----------------|-----------------|-------------------------|--------|
| 3d         | 1¼           | 14    | 0.083                | $\frac{7}{32}$      | 0.219                 | 470             | T3SN71          | —                       | T3SN7B |
| 4d         | 1½           | 14    | 0.083                | $\frac{7}{32}$      | 0.219                 | 394             | T4SN71          | T4SN75                  | T4SN7B |
| 5d         | 1¾           | 14    | 0.083                | $\frac{7}{32}$      | 0.219                 | 337             | T5SN71          | T5SN75                  | T5SN7B |
| 6d         | 2            | 13    | 0.092                | $\frac{7}{32}$      | 0.219                 | 237             | T6SN71          | T6SN75                  | T6SN7B |
| 7d         | 2¼           | 13    | 0.092                | $\frac{7}{32}$      | 0.219                 | 216             | —               | T7SN75                  | T7SN7B |
| 8d         | 2½           | 13    | 0.092                | $\frac{7}{32}$      | 0.219                 | 196             | T8SN71          | T8SN75                  | T8SN7B |



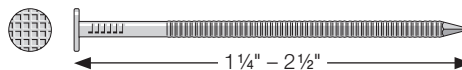
#### Type 304 Stainless Steel

| Penny Size | Length (in.) | Gauge | Shank Diameter (in.) | Head Diameter (in.) | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | 25 lb. Bucket Model No. |        |
|------------|--------------|-------|----------------------|---------------------|-----------------------|-----------------|-----------------|-------------------------|--------|
| 3d         | 1¼           | 14    | 0.083                | $\frac{7}{32}$      | 0.219                 | 470             | S3SN71          | S3SN75                  | S3SN7B |
| 4d         | 1½           | 14    | 0.083                | $\frac{7}{32}$      | 0.219                 | 394             | S4SN71          | S4SN75                  | S4SN7B |
| 5d         | 1¾           | 14    | 0.083                | $\frac{7}{32}$      | 0.219                 | 337             | S5SN71          | S5SN75                  | S5SN7B |
| 6d         | 2            | 13    | 0.092                | $\frac{7}{32}$      | 0.219                 | 237             | S6SN71          | S6SN75                  | S6SN7B |
| 7d         | 2¼           | 13    | 0.092                | $\frac{7}{32}$      | 0.219                 | 216             | S7SN71          | S7SN75                  | S7SN7B |
| 8d         | 2½           | 13    | 0.092                | $\frac{7}{32}$      | 0.219                 | 196             | S8SN71          | S8SN75                  | S8SN7B |

### Siding, Trim, Shake and Shingle Nail

#### Features:

- Designed expressly for application of various lap and panel siding materials made of fiber-cement composites
- Checker pattern on head blends with faux wood grain, reduces glare from sunlight and accepts surface finishes
- Annular ring shank increases withdrawal resistance to provide a secure attachment
- 1¼" length has an  $\frac{11}{32}$ " head for blind-nailing lap siding
- Diamond point for easier driving
- Recommended for seaside applications and superior corrosion resistance



#### Type 316 Stainless Steel

| Penny Size | Length (in.) | Gauge | Shank Diameter (in.) | Head Diameter (in.) | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | 25 lb. Bucket Model No. |         |
|------------|--------------|-------|----------------------|---------------------|-----------------------|-----------------|-----------------|-------------------------|---------|
| 4d         | 1½           | 11    | 0.120                | $\frac{3}{8}$       | 0.375                 | 179             | T4PCS1          | T4PCS5                  | T4PCSB  |
| 6d         | 2            | 11    | 0.120                | $\frac{3}{8}$       | 0.375                 | 144             | T6PCS1          | T6PCS5                  | T6PCSB  |
| 8d         | 2½           | 11    | 0.120                | $\frac{3}{8}$       | 0.375                 | 115             | T8PCS1*         | T8PCS5*                 | T8PCSB* |

\*Complies with ASTM F1667 specifications for roof-sheathing ring-shank nails.

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

# Exterior Nails

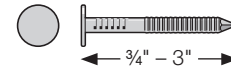
## Roofing Nail — Annular Ring Shank

### Features:

- Large, flat head provides extra bearing surface to firmly secure roofing material
- Annular ring shank increases withdrawal resistance to provide a secure attachment to wood members and plywood roof decks
- Longer lengths ideal for installing curved Spanish roof tiles and thicker slate
- Aluminum nails also available with a screw shank; call Simpson Strong-Tie for details (800) 999-5099

### Installation Tips:

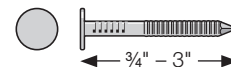
- For slate roofs, determine the correct nail length by doubling the slate thickness and adding one inch



### Type 316 Stainless Steel

| Penny Size | Length (in.) | Gauge | Shank Diameter (in.) | Head Diameter (in.) | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | 25 lb. Bucket Model No. |            |
|------------|--------------|-------|----------------------|---------------------|-----------------------|-----------------|-----------------|-------------------------|------------|
| —          | ¾            | 10    | 0.131                | ¾                   | 0.375                 | 281             | T7510ARN1       | T7510ARN5               | T7510ARNB  |
| 2d         | 1            | 10    | 0.131                | ¾                   | 0.375                 | 212             | T210ARN1        | T210ARN5                | T210ARNB   |
| 3d         | 1¼           | 10    | 0.131                | ¾                   | 0.375                 | 166             | T310ARN1        | T310ARN5                | T310ARNB   |
| 3d         | 1¼           | 11    | 0.120                | 1½                  | 0.344                 | 199             | T311ARN1        | —                       | T311ARNB   |
| 4d         | 1½           | 10    | 0.131                | ¾                   | 0.375                 | 139             | T410ARN1        | T410ARN5                | T410ARNB   |
| 4d         | 1½           | 11    | 0.120                | 1½                  | 0.344                 | 170             | T411ARN1        | T411ARN5                | T411ARNB   |
| 5d         | 1¾           | 10    | 0.131                | ¾                   | 0.375                 | 126             | T510ARN1        | T510ARN5                | T510ARNB   |
| 6d         | 2            | 10    | 0.131                | ¾                   | 0.375                 | 105             | T610ARN1        | T610ARN5                | T610ARNB   |
| 8d         | 2½           | 10    | 0.131                | ¾                   | 0.375                 | 91              | T810ARN1*       | T810ARN5*               | T810ARNB*  |
| 10d        | 3            | 10    | 0.131                | ¾                   | 0.375                 | 78              | T1010ARN1*      | T1010ARN5*              | T1010ARNB* |

\*Complies with ASTM F1667 specifications for roof-sheathing ring-shank nails.



### Type 304 Stainless Steel

| Penny Size | Length (in.) | Gauge | Shank Diameter (in.) | Head Diameter (in.) | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | 25 lb. Bucket Model No. |            |
|------------|--------------|-------|----------------------|---------------------|-----------------------|-----------------|-----------------|-------------------------|------------|
| —          | ¾            | 10    | 0.131                | ¾                   | 0.375                 | 281             | S7510ARN1       | S7510ARN5               | S7510ARNB  |
| 2d         | 1            | 10    | 0.131                | ¾                   | 0.375                 | 212             | S210ARN1        | S210ARN5                | S210ARNB   |
| 3d         | 1¼           | 10    | 0.131                | ¾                   | 0.375                 | 166             | S310ARN1        | S310ARN5                | S310ARNB   |
| 3d         | 1¼           | 11    | 0.120                | ¾                   | 0.375                 | 199             | —               | S311ARN5                | S311ARNB   |
| 4d         | 1½           | 10    | 0.131                | ¾                   | 0.375                 | 139             | S410ARN1        | S410ARN5                | S410ARNB   |
| 4d         | 1½           | 11    | 0.120                | ¾                   | 0.375                 | 170             | S411ARN1        | S411ARN5                | S411ARNB   |
| 5d         | 1¾           | 10    | 0.131                | ¾                   | 0.375                 | 126             | S510ARN1        | S510ARN5                | S510ARNB   |
| 5d         | 1¾           | 11    | 0.120                | ¾                   | 0.375                 | 149             | —               | S511ARN5                | S511ARNB   |
| 6d         | 2            | 10    | 0.131                | ¾                   | 0.375                 | 105             | S610ARN1        | S610ARN5                | S610ARNB   |
| 6d         | 2            | 11    | 0.120                | ¾                   | 0.375                 | 136             | S611ARN1        | —                       | S611ARNB   |
| 8d         | 2½           | 10    | 0.131                | ¾                   | 0.375                 | 91              | S810ARN1*       | S810ARN5*               | S810ARNB*  |
| 10d        | 3            | 10    | 0.131                | ¾                   | 0.375                 | 78              | S1010ARN1*      | S1010ARN5*              | S1010ARNB* |

\*Complies with ASTM F1667 specifications for roof-sheathing ring-shank nails.

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

## Exterior Nails

### Roofing Nail — Annular Ring Shank

#### Features:

- Large, flat head provides extra bearing surface to firmly secure roofing material
- Annular ring shank increases withdrawal resistance to provide a secure attachment to wood members and plywood roof decks
- Longer lengths ideal for installing curved Spanish roof tiles and thicker slate

#### Installation Tips:

- For slate roofs, determine the correct nail length by doubling the slate thickness and adding one inch



#### Type 304 Stainless Steel

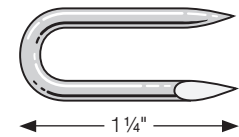
| Penny Size | Length (in.) | Gauge | Shank Diameter (in.) | Head Diameter (in.) |       | Approx. Count per lb. | 25 lb. Bucket Model No. |
|------------|--------------|-------|----------------------|---------------------|-------|-----------------------|-------------------------|
| 40d        | 5            | 8     | 0.162                | 1/2                 | 0.500 | 28                    | S40ATNB*                |

\*Complies with ASTM F1667 specifications for post-frame ring-shank nails.

### Specialty Nail — Fencing Staples

#### Type 304 Stainless Steel

| Length (in.) | Screw Size/ Nail Gauge | Count per lb. (approx.) | Package Size | Model No. |
|--------------|------------------------|-------------------------|--------------|-----------|
| 1 1/4        | 13                     | 202                     | 1 lb.        | S13125FS1 |
| 1 1/4        | 13                     | 202                     | 5 lb.        | S13125FS5 |
| 1 1/4        | 13                     | 202                     | 25 lb.       | S13125FSB |



### Specialty Nail — Hog Rings — Hill Pattern

#### Features:

- #3 pre-bent


#### Type 304 Stainless Steel

| Gauge | Width Open (in.) | Width Across (in.) | Approx. Count per lb. | 1 lb. Model No. | 5 lb. Model No. | 25 lb. Bucket Model No. |
|-------|------------------|--------------------|-----------------------|-----------------|-----------------|-------------------------|
| 13    | 0.812            | 1.57               | 204                   | S13075HR1       | S13075HR5       | S13075HRB               |
| 14    | 0.280            | 0.75               | 540                   | S14075HR1       | —               | S14075HRB               |



Pre-Bent Hill Pattern





Strong-Drive® 33° SCNR RING-SHANK CONNECTOR Nail

**Premium quality,  
driven to excellence.**

PLATE  
LINE ↓

use and warnings  
[strongtie.com/info](http://strongtie.com/info)



# Collated Nails and Staples

## Strong-Drive® Connector Nails

|   |     |
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## Collated Staples

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## Connector Nails

# Strong-Drive® 33° SCN SMOOTH-SHANK CONNECTOR Nail

### Features:

- 33° collation angle
- Full round head
- Head ID stamp

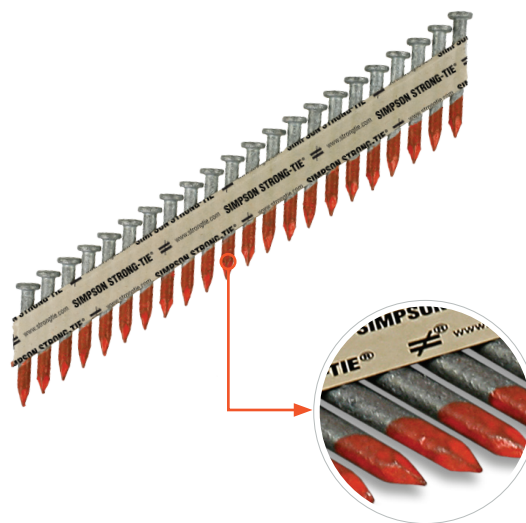
See p. 132 for bulk Strong-Drive SCN Smooth-Shank Connector nails.

For **Technical Data and Loads**, see C-F-2023TECHSUP  
Fastening Systems Technical Guide, p. 206

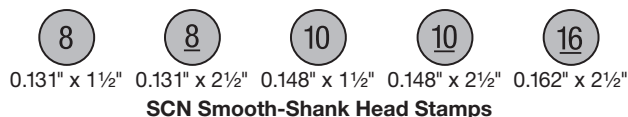
### Compatible Tools

If you don't see your particular model in the table below,  
see [strongtie.com/toolmatrix](http://strongtie.com/toolmatrix) or call Simpson Strong-Tie  
for assistance with fastener selection (800) 999-5099.

| Brand      | Model   |
|------------|---|
| Bostitch®  | MCN150 (up to 1 ½"), MCN250, F33PT                                  |
| Grip-Rite® | GR150 (up to 1 ½"), GRSB150-1 ½ (up to 1 ½"),<br>GR250, GRSB250-2 ½ |
| Hitachi®   | NR65AK  |
| Paslode®   | PF150S-PP (up to 1 ½"), F250S-PP                                    |
| Senco®     | HN150 (up to 1 ½"), HN250   |



Orange Painted Tip  
for Better Visibility



SCN Smooth-Shank Head Stamps

## Hot-Dip Galvanized — ASTM A153, Class D

| Shank Dia. x Length (in.) | Head Diameter (in.) | Carton Quantity | Model No.     | Replacement for |
|---------------------------|---------------------|-----------------|---------------|-----------------|
| 0.131 x 1 ½               | 0.285               | 500             | N8HDGPT500    | 8d x 1 ½"       |
|                           |                     | 4,000           | N8HDGPT4000   |                 |
| 0.131 x 2 ½               | 0.285               | 500             | 8DHDGPT500    | 8d common       |
|                           |                     | 2,500           | 8DHDGPT2500   |                 |
| 0.148 x 1 ½               | 0.285               | 500             | N10HDGPT500   | 10d x 1 ½"      |
|                           |                     | 3,000           | N10HDGPT3000  |                 |
| 0.148 x 2 ½               | 0.285               | 500             | N10DHDGPT500  | 10d x 2 ½"      |
|                           |                     | 2,500           | N10DHDGPT2500 |                 |
| 0.162 x 2 ½               | 0.285               | 500             | N16HDGPT500   | 16d x 2 ½"      |
|                           |                     | 2,000           | N16HDGPT2000  |                 |

## Bright

| Shank Dia. x Length (in.) | Head Diameter (in.) | Carton Quantity | Model No.    | Replacement for |
|---------------------------|---------------------|-----------------|--------------|-----------------|
| 0.131 x 1 ½               | 0.285               | 4,000           | N8BRPT4000   | 8d x 1 ½"       |
| 0.148 x 1 ½               |                     | 3,000           | N10BRPT3000  | 10d x 1 ½"      |
| 0.148 x 2 ½               |                     | 2,500           | N10DBRPT2500 | 10d x 2 ½"      |

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

# Connector Nails

## Strong-Drive® 33° SCNR RING-SHANK CONNECTOR Nail

### Features:

- 33° collation angle
- Full round head
- Head ID stamp

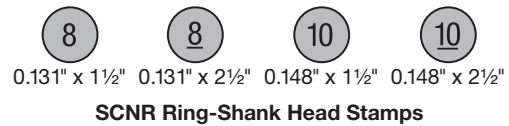
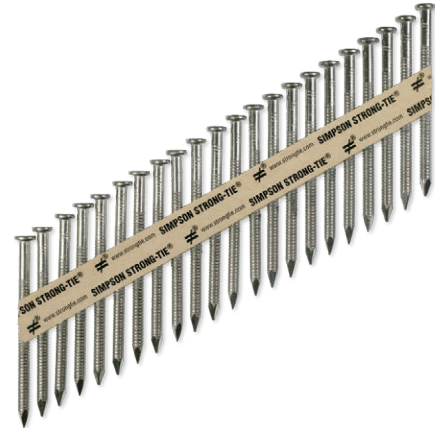
See p. 133 for bulk Strong-Drive SCNR Ring-Shank Connector nails.

For **Technical Data and Loads**, see C-F-2023TECHSUP Fastening Systems Technical Guide, p. 207

### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](http://strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

| Brand      | Model  |
|------------|--|
| Bostitch®  | MCN150 (up to 1 ½"), MCN250, F33PT                               |
| Grip-Rite® | GR150 (up to 1 ½"), GRSB150-1 ½ (up to 1 ½"), GR250, GRSB250-2 ½ |
| Hitachi®   | NR65AK   |
| Paslode®   | PF150S-PP (up to 1 ½"), F250S-PP                                 |
| Senco®     | HN150 (up to 1 ½"), HN250  |



SCNR Ring-Shank Head Stamps

### Type 316 Stainless Steel

| Shank Dia. x Length (in.) | Head Diameter (in.) | Carton Quantity | Model No.  | Replacement for |
|---------------------------|---------------------|-----------------|------------|-----------------|
| 0.131 x 1 ½               | 0.285               | 1,500           | T10A150MCN | 8d x 1 ½        |
| 0.131 x 2 ½               | 0.285               | 1,000           | T10A250MCN | 8d common       |
| 0.148 x 1 ½               | 0.285               | 1,500           | T9A150MCN  | 10d x 1 ½       |
| 0.148 x 2 ½               | 0.285               | 1,000           | T9A250MCN  | 10d x 2 ½       |

## Siding/Fencing/Trim Nails

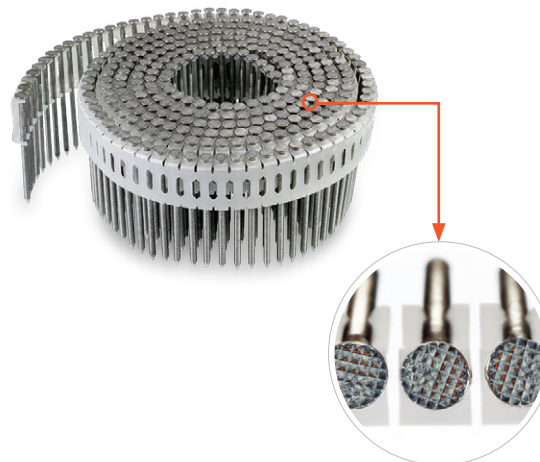
### 0° Inserted Plastic Coil, Full Round Head, Ring-Shank Nail

#### Features:

- Checker pattern on head blends with wood grain, reduces glare from sunlight and accepts surface finishes
- Annular ring shank increases withdrawal resistance to provide a secure attachment
- Available in Type 304 and aluminum

#### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](https://strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.



| Brand      | Model   |
|------------|---|
| Duo-Fast®  | KDN50, RCN60, RCN70, CNP-60Y, CNP-65Y, DF225C |
| Spotnails® | QCND65  |

#### Type 304 Stainless Steel

| Penny Size | Length (in.) | Shank Diameter (in.) | Head Diameter (in.) | Carton Quantity | Model No.   |
|------------|--------------|----------------------|---------------------|-----------------|-------------|
| 7d         | 2¼           | 0.099                | 0.210               | 7,200           | S12A225DNB  |
| 7d         | 2¼           | 0.099                | 0.210               | 1,200           | S12A225DNBP |

#### Aluminum

| Penny Size | Length (in.) | Shank Diameter (in.) | Head Diameter (in.) | Carton Quantity | Model No.  |
|------------|--------------|----------------------|---------------------|-----------------|------------|
| —          | 1⅞           | 0.099                | 0.210               | 9,000           | A12A187DNB |

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



# Siding/Fencing/Trim Nails

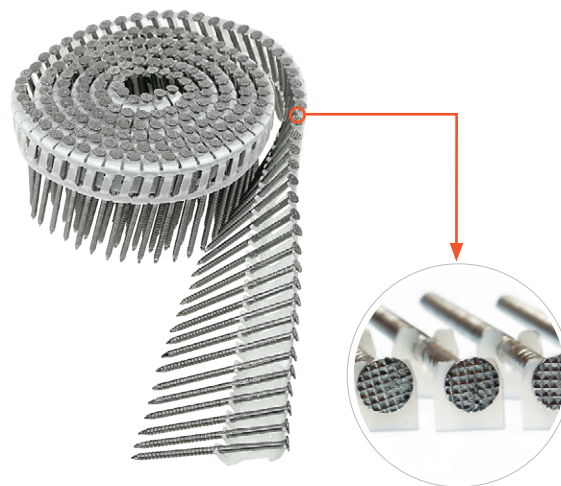
## 15° Inserted Plastic Coil, Full Round Head, Ring-Shank Nail

### Features:

- Checker pattern on head blends with wood grain, reduces glare from sunlight and accepts surface finishes
- Annular ring shank increases withdrawal resistance to provide a secure attachment
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance

### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](http://strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.



| Brand      | Model                            |
|------------|----------------------------------|
| Bostitch®  | N64C, N66C, N75C                 |
| Grip-Rite® | GRTCS250                         |
| Hitachi®   | NV65AH, NV75AG                   |
| Max®       | CN550S (up to 2"), CN565S, CN565 |
| Senco®     | SCN49                            |

### Type 316 Stainless Steel

| Penny Size | Length (in.) | Shank Diameter (in.) | Head Diameter (in.) | Carton Quantity | Model No.   |
|------------|--------------|----------------------|---------------------|-----------------|-------------|
| 4d         | 1½           | 0.092                | 0.221               | 3,200           | T13A150IPC  |
| 5d         | 1¾           | 0.092                | 0.221               | 3,200           | T13A175IPC  |
| 5d         | 1¾           | 0.092                | 0.221               | 600             | T13A175IPBP |
| 6d         | 2            | 0.092                | 0.221               | 3,200           | T13A200IPC  |
| 6d         | 2            | 0.092                | 0.221               | 600             | T13A200IPBP |
| 7d         | 2¼           | 0.092                | 0.221               | 2,400           | T13A225IPC  |
| 7d         | 2¼           | 0.092                | 0.221               | 600             | T13A225IPBP |
| 8d         | 2½           | 0.092                | 0.221               | 2,400           | T13A250IPC  |
| 8d         | 2½           | 0.092                | 0.221               | 600             | T13A250IPBP |

### Type 304 Stainless Steel

| Penny Size | Length (in.) | Shank Diameter (in.) | Head Diameter (in.) | Carton Quantity | Model No.   |
|------------|--------------|----------------------|---------------------|-----------------|-------------|
| 4d         | 1½           | 0.092                | 0.221               | 3,200           | S13A150IPC  |
| 5d         | 1¾           | 0.092                | 0.221               | 3,200           | S13A175IPC  |
| 6d         | 2            | 0.092                | 0.221               | 3,200           | S13A200IPC  |
| 7d         | 2¼           | 0.092                | 0.221               | 2,400           | S13A225IPC  |
| 7d         | 2¼           | 0.092                | 0.221               | 600             | S13A225IPBP |
| 8d         | 2½           | 0.092                | 0.221               | 2,400           | S13A250IPC  |

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

## Siding/Fencing/Trim Nails

### 15° Inserted Plastic Coil, Full Round Head, Ring-Shank Nail

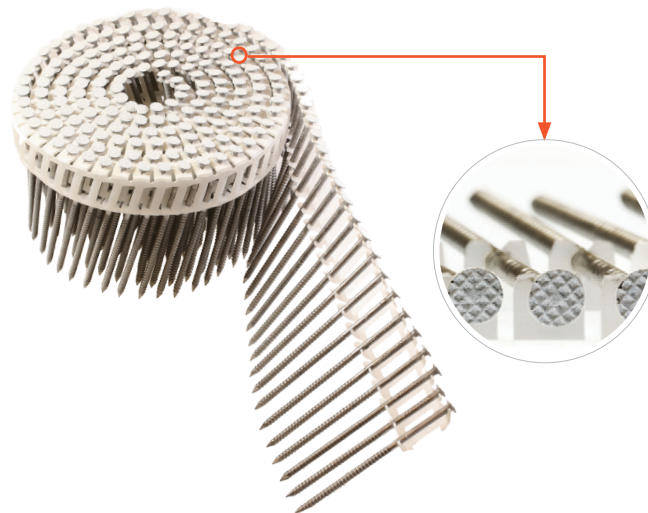
#### Features:

- Checker pattern on head blends with wood grain, reduces glare from sunlight and accepts surface finishes
- Annular ring shank increases withdrawal resistance to provide a secure attachment
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance

#### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](https://strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

| Brand      | Model                            |
|------------|----------------------------------|
| Bostitch®  | N64C, N66C, N75C                 |
| Grip-Rite® | GRTCS250                         |
| Hitachi®   | NV65AH, NV75AG                   |
| Max®       | CN550S (up to 2"), CN565S, CN565 |
| Senco®     | SCN49                            |



#### Type 304 Stainless Steel — White

| Penny Size | Length (in.) | Shank Diameter (in.) | Head Diameter (in.) | Carton Quantity | Model No.    |
|------------|--------------|----------------------|---------------------|-----------------|--------------|
| 8d         | 2½           | 0.092                | 0.203               | 600             | S13A250IPWBP |
| 8d         | 2½           | 0.092                | 0.203               | 2,400           | S13A250IPW   |



#### Type 316 Stainless Steel

| Penny Size | Length (in.) | Shank Diameter (in.) | Head Diameter (in.) | Packaging Quantity | Model No.  |
|------------|--------------|----------------------|---------------------|--------------------|------------|
| 8d         | 2½           | 0.092                | 0.203               | 2,400              | T13A250IPC |

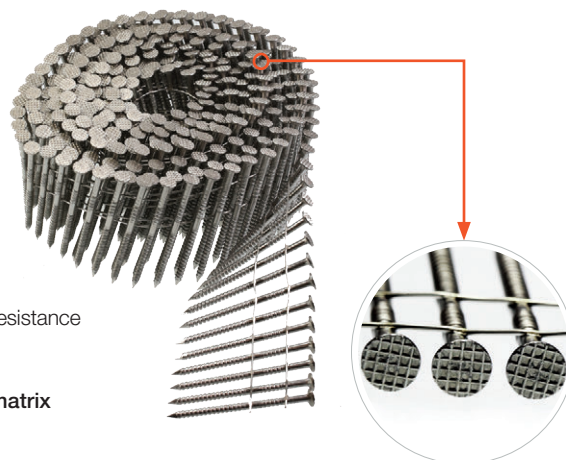
These products are subject to quantities on hand, or may require special-order, minimum order quantities and longer lead times. Call Simpson Strong-Tie for details (800) 999-5099.

## Siding/Fencing/Trim Nails

## 15° Wire Coil, Full Round Head, Ring-Shank Siding Nail

## Features:

- Ideal for use in fiber-cement boards
- Checker pattern on heads blends with wood grain, reduces glare from sunlight and accepts surface finishes
- Generous underhead fillet allows nails to be driven flush or countersunk, without crushing surrounding wood
- Annular ring shank increases withdrawal resistance to provide a secure attachment that reduces cupping of siding boards
- Slender gauge and diamond point for easier driving
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance



## Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](http://strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

| Brand      | Model   |
|------------|---|
| Bostitch®  | N64C, N66C, N75C                                    |
| Duo-Fast®  | P275C   |
| Grip-Rite® | GRTCS250  |
| Hitachi®   | NV65AH, NV75AG                                      |
| Max®       | CN55, CN665, CN565, CN565S, CN550S (up to 2")       |
| Senco®     | SCN60XP, SCN49, SCN 65XP, Pallet Pro57F (up to 2¼") |

## Type 316 Stainless Steel

| Penny Size | Length (in.) | Shank Diameter (in.) | Head Diameter (in.) | Carton Quantity | Model No.  |
|------------|--------------|----------------------|---------------------|-----------------|------------|
| 3d         | 1¼           | 0.092                | 0.221               | 1,800           | T13A125SNJ |
| 4d         | 1½           | 0.092                | 0.221               | 1,800           | T13A150SNJ |
| 5d         | 1¾           | 0.092                | 0.221               | 1,800           | T13A175SNJ |
| 6d         | 2            | 0.092                | 0.221               | 1,800           | T13A200SNJ |
| 7d         | 2¼           | 0.092                | 0.221               | 1,800           | T13A225SNJ |
| 8d         | 2½           | 0.092                | 0.221               | 1,800           | T13A250SNJ |

## Type 304 Stainless Steel

| Penny Size | Length (in.) | Shank Diameter (in.) | Head Diameter (in.) | Carton Quantity | Model No.   |
|------------|--------------|----------------------|---------------------|-----------------|-------------|
| 3d         | 1¼           | 0.092                | 0.221               | 3,600           | S13A125SNC  |
| 3d         | 1¼           | 0.092                | 0.221               | 1,500           | S13A125SNBP |
| 4d         | 1½           | 0.092                | 0.221               | 3,600           | S13A150SNC  |
| 4d         | 1½           | 0.092                | 0.221               | 1,500           | S13A150SNBP |
| 5d         | 1¾           | 0.092                | 0.221               | 3,600           | S13A175SNC  |
| 5d         | 1¾           | 0.092                | 0.221               | 1,200           | S13A175SNBP |
| 6d         | 2            | 0.092                | 0.221               | 3,600           | S13A200SNC  |
| 6d         | 2            | 0.092                | 0.221               | 1,200           | S13A200SNBP |
| 7d         | 2¼           | 0.092                | 0.221               | 3,600           | S13A225SNC  |
| 7d         | 2¼           | 0.092                | 0.221               | 900             | S13A225SNBP |
| 8d         | 2½           | 0.092                | 0.221               | 3,600           | S13A250SNC  |

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

## Siding/Fencing/Trim Nails

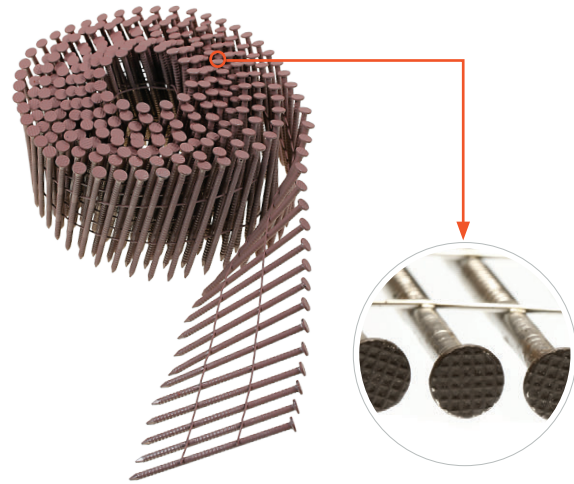
# 15° Wire Coil, Painted, Full Round Head, Ring-Shank Nail

### Features:

- Checker pattern on heads blends with wood grain, reduces glare from sunlight and accepts surface finishes
- Durable painted finish helps heads blend with siding material
- Annular ring shank increases withdrawal resistance to provide a secure attachment
- Slender gauge and diamond point for easier driving

### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](http://strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.



| Brand      | Model   |
|------------|---|
| Bostitch®  | N64C, N66C, N75C                                    |
| Duo-Fast®  | P275C   |
| Grip-Rite® | GRTCS250  |
| Hitachi®   | NV65AH, NV75AG                                      |
| Max®       | CN55, CN665, CN565, CN565S, CN550S (up to 2")       |
| Senco®     | SCN60XP, SCN49, SCN 65XP, Pallet Pro57F (up to 2¼") |

## Type 304 Stainless Steel

| Penny Size | Length (in.) | Shank Diameter (in.) | Head Diameter (in.) | Color      | Carton Quantity | Model No.    |
|------------|--------------|----------------------|---------------------|------------|-----------------|--------------|
| 6d         | 2            | 0.092                | 0.221               | White      | 1,200           | S13A200WWCBP |
| 6d         | 2            | 0.092                | 0.221               | Dark Brown | 3,600           | S13A200CCB   |
| 6d         | 2            | 0.092                | 0.221               | Gray       | 3,600           | S13A200CCG   |
| 6d         | 2            | 0.092                | 0.221               | Redwood    | 3,600           | S13A200CCR   |
| 6d         | 2            | 0.092                | 0.221               | Tan        | 3,600           | S13A200CCT   |
| 6d         | 2            | 0.092                | 0.221               | White      | 3,600           | S13A200CWH   |
| 7d         | 2¼           | 0.092                | 0.221               | Dark Brown | 3,600           | S13A225CCB   |
| 7d         | 2¼           | 0.092                | 0.221               | Gray       | 3,600           | S13A225CCG   |
| 7d         | 2¼           | 0.092                | 0.221               | Redwood    | 3,600           | S13A225CCR   |
| 7d         | 2¼           | 0.092                | 0.221               | Tan        | 3,600           | S13A225CCT   |
| 7d         | 2¼           | 0.092                | 0.221               | Sienna     | 3,600           | S13A225CCS   |
| 8d         | 2½           | 0.092                | 0.221               | White      | 900             | S13A250WWCBP |
| 8d         | 2½           | 0.092                | 0.221               | Dark Brown | 900             | S13A250CCBBP |
| 8d         | 2½           | 0.092                | 0.221               | Dark Brown | 3,600           | S13A250CCB   |
| 8d         | 2½           | 0.092                | 0.221               | Gray       | 3,600           | S13A250CCG   |
| 8d         | 2½           | 0.092                | 0.221               | Redwood    | 3,600           | S13A250CCR   |
| 8d         | 2½           | 0.092                | 0.221               | Tan        | 900             | S13A250CCTBP |
| 8d         | 2½           | 0.092                | 0.221               | Tan        | 3,600           | S13A250CCT   |
| 8d         | 2½           | 0.092                | 0.221               | White      | 3,600           | S13A250CWH   |
| 8d         | 2½           | 0.092                | 0.221               | Sienna     | 900             | S13A250CCSBP |
| 8d         | 2½           | 0.092                | 0.221               | Sienna     | 3,600           | S13A250CCS   |



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



# Roofing Nails

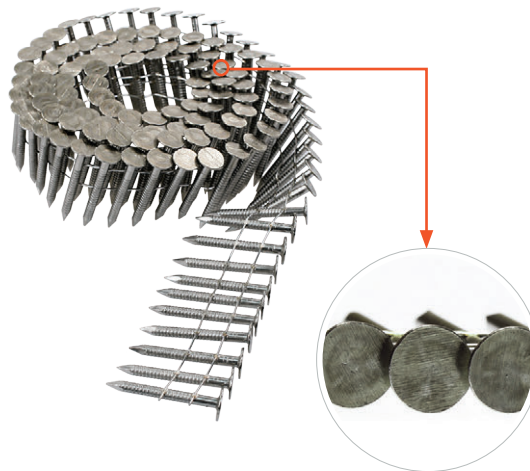
## 15° Wire Coil, Full Round Head, Ring-Shank Roofing Nail

### Features:

- Ideal for asphalt and synthetic slate roofing
- Large flat head, diamond point for easier driving
- Annular ring shank increases withdrawal resistance to provide a secure attachment to OSB or plywood roof decks
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance

### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](http://strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.



| Brand         | Model           |
|---------------|-----------------|
| Bosch®        | RN175           |
| Bostitch®     | RN46            |
| DeWalt®       | D51321          |
| Grip-Rite®    | GRTCR175        |
| Hitachi®      | NV45AB2, NV45AE |
| Makita®       | AN453           |
| Max®          | CN445R, CN450R  |
| Paslode®      | R175-C, CR175C  |
| Porter Cable® | RN175A          |
| Ridgid®       | R175RND         |
| Senco®        | RoofPro 455XP   |

### Type 316 Stainless Steel

| Penny Size | Length (in.) | Shank Diameter (in.) | Head Diameter (in.) | Carton Quantity | Model No.  |
|------------|--------------|----------------------|---------------------|-----------------|------------|
| 2d         | 1            | 0.120                | 3/8                 | 3,600           | T11A100RNJ |
| 3d         | 1 1/4        | 0.120                | 3/8                 | 3,600           | T11A125RNJ |
| 4d         | 1 1/2        | 0.120                | 3/8                 | 3,600           | T11A150RNJ |
| 5d         | 1 3/4        | 0.120                | 3/8                 | 3,600           | T11A175RNJ |

### Type 304 Stainless Steel

| Penny Size | Length (in.) | Shank Diameter (in.) | Head Diameter (in.) | Carton Quantity | Model No.   |
|------------|--------------|----------------------|---------------------|-----------------|-------------|
| 2d         | 1            | 0.120                | 3/8                 | 7,200           | S11A100RNB  |
| 3d         | 1 1/4        | 0.120                | 3/8                 | 7,200           | S11A125RNB  |
| 3d         | 1 1/4        | 0.120                | 3/8                 | 720             | S11A125RNBP |
| 3d         | 1 1/4        | 0.120                | 3/8                 | 2,400           | S11A125RNJ  |
| 4d         | 1 1/2        | 0.120                | 3/8                 | 7,200           | S11A150RNB  |
| 4d         | 1 1/2        | 0.120                | 3/8                 | 600             | S11A150RNBP |
| 4d         | 1 1/2        | 0.120                | 3/8                 | 2,400           | S11A150RNJ  |
| 5d         | 1 3/4        | 0.120                | 3/8                 | 7,200           | S11A175RNB  |
| 5d         | 1 3/4        | 0.120                | 3/8                 | 480             | S11A175RNBP |
| 5d         | 1 3/4        | 0.120                | 3/8                 | 2,400           | S11A175RNJ  |

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

## Roofing Nails

### 15° Wire Coil, Full Round Head, Smooth-Shank Roofing Nail

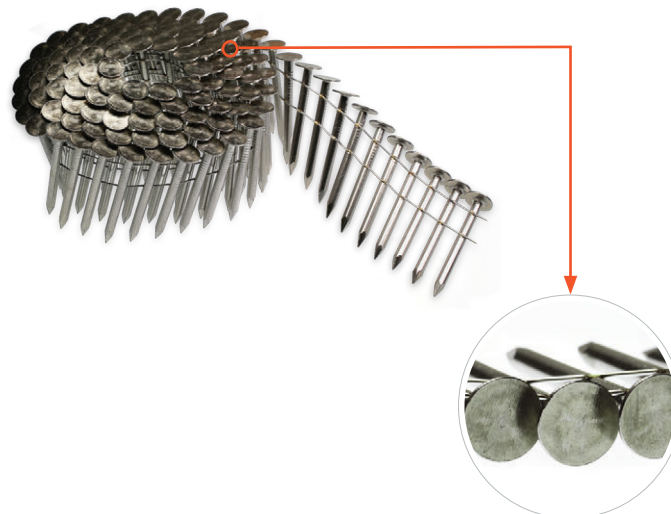
#### Features:

- Ideal for asphalt and synthetic slate roofing
- Large flat head, diamond point for easier driving
- Annular ring shank increases withdrawal resistance to provide a secure attachment to OSB or plywood roof decks
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance

#### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](https://www.strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

| Brand         | Model           |
|---------------|-----------------|
| Bosch®        | RN175           |
| Bostitch®     | RN46            |
| DeWalt®       | D51321          |
| Grip-Rite®    | GRTCR175        |
| Hitachi®      | NV45AB2, NV45AE |
| Makita®       | AN453           |
| Max®          | CN445R, CN450R  |
| Paslode®      | R175-C, CR175C  |
| Porter Cable® | RN175A          |
| Ridgid®       | R175RND         |
| Senco®        | RoofPro 455XP   |



#### Type 316 Stainless Steel

| Penny Size | Length (in.) | Shank Diameter (in.) | Head Diameter (in.) | Carton Quantity | Model No.  |
|------------|--------------|----------------------|---------------------|-----------------|------------|
| 4d         | 1½           | 0.120                | ¾                   | 3,600           | T11N150RNJ |

#### Type 304 Stainless Steel

| Penny Size | Length (in.) | Shank Diameter (in.) | Head Diameter (in.) | Carton Quantity | Model No.  |
|------------|--------------|----------------------|---------------------|-----------------|------------|
| —          | ¾            | 0.120                | ¾                   | 7,200           | S11N075RNB |
| —          | 7⁄8          | 0.120                | ¾                   | 7,200           | S11N087RNB |
| 2d         | 1            | 0.120                | ¾                   | 7,200           | S11N100RNB |
| 3d         | 1¼           | 0.120                | ¾                   | 7,200           | S11N125RNB |
| 3d         | 1¼           | 0.120                | ¾                   | 2,400           | S11N125RNJ |
| 4d         | 1½           | 0.120                | ¾                   | 7,200           | S11N150RNB |
| 4d         | 1½           | 0.120                | ¾                   | 2,400           | S11N150RNJ |
| 5d         | 1¾           | 0.120                | ¾                   | 7,200           | S11N175RNB |
| 5d         | 1¾           | 0.120                | ¾                   | 2,400           | S11N175RNJ |

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

## Framing Nails – Wire Coil

### 15° Wire Coil, Full Round Head, Ring-Shank Decking/Framing Nail

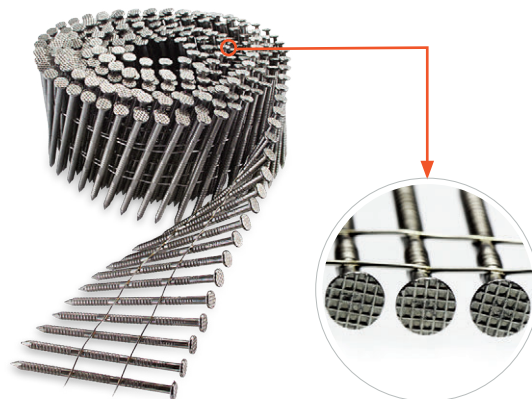
#### Features:

- Checker pattern on head blends with wood grain, reduces glare from sunlight and accepts surface finishes
- Annular ring shank increases withdrawal resistance to provide a secure attachment
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance

#### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](http://strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

| Brand      | Model  |
|------------|--|
| Bostitch®  | N80CB (up to 3¼"), N75C (up to 3"), N89C   |
| DeWalt®    | D51855   |
| Duo-Fast®  | P350C/CNW90, P275C (up to 2¾")   |
| Grip-Rite® | GRTC90-3½, GRTCS250 (up to 0.099", 2½")  |
| Hitachi®   | NV65AH (up to 0.099", 2½"), NV75AG (up to 3"), NV83A2  |
| Makita®    | AN901  |
| Max®       | CN565S (up to 2½", 0.099"), CN565D (up to 2½", 0.113"), CN665 (up to 2½"), CN890S, CN565 (up to 2½", 0.099"), CN100, CN70 (up to 2½"), CN80 (up to 3¼")                        |
| Senco®     | SCN60XP (up to 2¾", 0.113"), SCN49 (up to 2½", 0.113"), SCN65XP (up to 0.113"), PalletPro100, PalletPro130 (over 3"), PalletPro70 (up to 2¾", 0.113"), PalletPro83 (up to 3¼") |



#### Type 316 Stainless Steel

| Penny Size | Length (in.) | Shank Diameter (in.) | Head Diameter (in.) | Carton Quantity | Carton Weight (lb.) | Model No.  |
|------------|--------------|----------------------|---------------------|-----------------|---------------------|------------|
| 6d         | 2            | 0.113                | ¼                   | 3,600           | 21                  | T12A200PNB |
| 7d         | 2¼           | 0.099                | ¼                   | 1,800           | 10                  | T12A225PNJ |
| 8d         | 2½           | 0.099                | ¼                   | 1,800           | 10                  | T12A250PNJ |
| 8d         | 2½           | 0.099                | ¼                   | 3,600           | 31                  | T12A250PNB |
| 10d        | 3            | 0.120                | 17/64               | 1,800           | 19                  | T11A300PNJ |
| 10d        | 3            | 0.131                | 9/32                | 1,800           | 24                  | T10A300PNJ |
| 12d        | 3¼           | 0.120                | 17/64               | 1,800           | 20                  | T11A325PNJ |
| 16d        | 3½           | 0.131                | 9/32                | 1,800           | 28                  | T10A350PNJ |

#### Type 304 Stainless Steel

| Penny Size | Length (in.) | Shank Diameter (in.) | Head Diameter (in.) | Carton Quantity | Carton Weight (lb.) | Model No.  |
|------------|--------------|----------------------|---------------------|-----------------|---------------------|------------|
| 4d         | 1½           | 0.099                | ¼                   | 3,600           | 14                  | S12A150PNB |
| 5d         | 1¾           | 0.099                | ¼                   | 3,600           | 15                  | S12A175PNB |
| 6d         | 2            | 0.099                | ¼                   | 3,600           | 17                  | S12A200PNB |
| 8d         | 2½           | 0.099                | ¼                   | 3,600           | 21                  | S12A250PNB |
| 8d         | 2¾           | 0.113                | ¼                   | 3,600           | 26                  | S12A237PNB |
| 10d        | 3            | 0.120                | 17/64               | 1,800           | 19                  | S11A300PNJ |
| 10d        | 3            | 0.131                | 9/32                | 1,800           | 24                  | S10A300PNJ |
| 12d        | 3¼           | 0.120                | 17/64               | 1,800           | 20                  | S11A325PNJ |
| 12d        | 3¼           | 0.131                | 9/32                | 1,800           | 26                  | S10A325PNJ |

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

## Framing Nails – Wire Coil

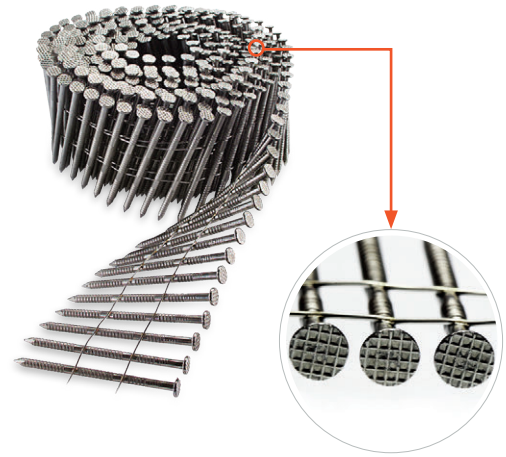
### 15° Wire Coil, Painted, Full Round Head, Ring-Shank Decking/Framing Nail

#### Features:

- Checker pattern on head blends with the wood grain, reduces glare from sunlight and accepts surface finishes
- Annular ring shank increases withdrawal resistance to provide a secure attachment

#### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](https://www.strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.



| Brand      | Model  |
|------------|--|
| Bostitch®  | N80CB (up to 3¼"), N75C (up to 3"), N89C   |
| DeWalt®    | D51855   |
| Duo-Fast®  | P350C/CNW90, P275C (up to 2¾")   |
| Grip-Rite® | GRTC90-3½, GRTCS250 (up to 0.099", 2½")  |
| Hitachi®   | NV65AH (up to 0.099", 2½"), NV75AG (up to 3"), NV83A2  |
| Makita®    | AN901  |
| Max®       | CN565S (up to 2½", 0.099"), CN565D (up to 2½", 0.113"), CN665 (up to 2½"), CN890S, CN565 (up to 2½", 0.099"), CN100, CN70 (up to 2½"), CN80 (up to 3¼")                        |
| Senco®     | SCN60XP (up to 2¾", 0.113"), SCN49 (up to 2½", 0.113"), SCN65XP (up to 0.113"), PalletPro100, PalletPro130 (over 3"), PalletPro70 (up to 2¾", 0.113"), PalletPro83 (up to 3¼") |

### Type 304 Stainless Steel

| Penny Size | Length (in.) | Shank Diameter (in.) | Head Diameter (in.) | Color      | Carton Quantity | Model No.  |
|------------|--------------|----------------------|---------------------|------------|-----------------|------------|
| 10d        | 3            | 0.120                | 17/64               | Dark Brown | 1,800           | S11A300PJB |
| 10d        | 3            | 0.120                | 17/64               | Gray       | 1,800           | S11A300PJG |
| 10d        | 3            | 0.120                | 17/64               | Redwood    | 1,800           | S11A300PJR |
| 10d        | 3            | 0.120                | 17/64               | Tan        | 1,800           | S11A300PJT |
| 10d        | 3            | 0.120                | 17/64               | Sienna     | 1,800           | S11A300PJS |
| 12d        | 3¼           | 0.120                | 17/64               | Redwood    | 1,800           | S11A325PJR |
| 12d        | 3¼           | 0.120                | 17/64               | Tan        | 1,800           | S11A325PJT |





## Framing Nails – Plastic Strip

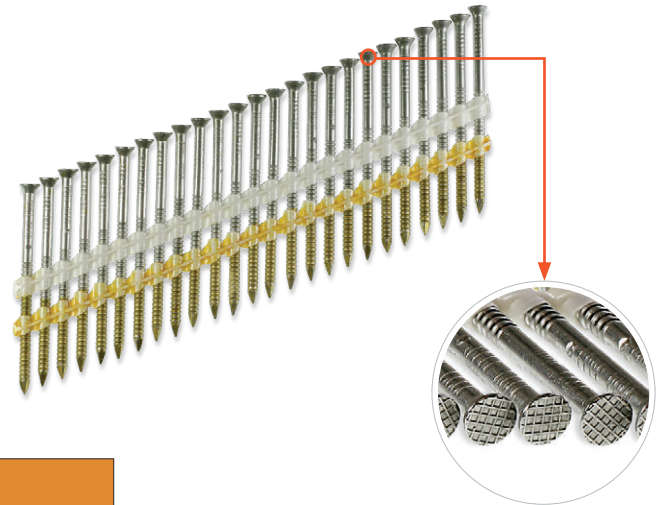
### 20°–22° Plastic Strip, Casing Head, Ring-Shank Nail

#### Features:

- Countersunk casing head
- Durable painted finish helps head blend with decking and siding material
- Checker pattern on head blends with wood grain
- Annular ring shank increases withdrawal resistance to provide a secure attachment

#### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](http://strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.



| Brand         | Model  |
|---------------|--|
| Bosch®        | SN350-20F (up to 0.148")   |
| Bostitch®     | F21PL  |
| DeWalt®       | D51850 (up to 0.148"), D51844 (up to 0.148")   |
| Grip-Rite®    | GRTFR83 (up to 0.131", 3/4"), GRTRH350 (up to 0.148")  |
| Hitachi®      | NR83AS (up to 0.131", 3/4"), NR90AC3, NR90AEPR (up to 0.148"), NR90GR (up to 0.131"), NR90GR2 (up to 0.131")   |
| Makita®       | AN923  |
| Max®          | SN883RH (up to 0.148", 3/4"), SN883RH2 (up to 0.148", 3/4"), SN890RH (up to 0.148")  |
| Porter Cable® | FR350MAG, FR350A (up to 0.148")  |
| Ridgid®       | R350RHA  |
| Senco®        | SN902XP (up to 0.148", 3/4"), SN952XP (up to 0.148"), GT90FRH (up to 0.131"), FramePro 602 (up to 0.148"), FramePro 702XP (up to 0.148"), FramePro 752XP |

### Type 304 Stainless Steel

| Penny Size | Length (in.) | Shank Diameter (in.) | Head Diameter (in.) | Color      | Carton Quantity | Model No.  |
|------------|--------------|----------------------|---------------------|------------|-----------------|------------|
| 8d         | 2¾           | 0.120                | ¼                   | None       | 1,000           | S11A237KDJ |
| 8d         | 2¾           | 0.120                | ¼                   | Dark Brown | 1,000           | S11A237KJB |
| 8d         | 2¾           | 0.120                | ¼                   | Gray       | 1,000           | S11A237KJG |
| 8d         | 2¾           | 0.120                | ¼                   | Redwood    | 1,000           | S11A237KJR |
| 8d         | 2¾           | 0.120                | ¼                   | Sienna     | 1,000           | S11A237KJS |
| 8d         | 2¾           | 0.120                | ¼                   | Tan        | 1,000           | S11A237KJT |
| 12d        | 3¼           | 0.131                | ¼                   | None       | 1,000           | S10A325KDJ |
| 12d        | 3¼           | 0.131                | ¼                   | Dark Brown | 1,000           | S10A325KJB |
| 12d        | 3¼           | 0.131                | ¼                   | Gray       | 1,000           | S10A325KJG |
| 12d        | 3¼           | 0.131                | ¼                   | Redwood    | 1,000           | S10A325KJR |
| 12d        | 3¼           | 0.131                | ¼                   | Sienna     | 1,000           | S10A325KJS |
| 12d        | 3¼           | 0.131                | ¼                   | Tan        | 1,000           | S10A325KJT |



## Framing Nails – Plastic Strip

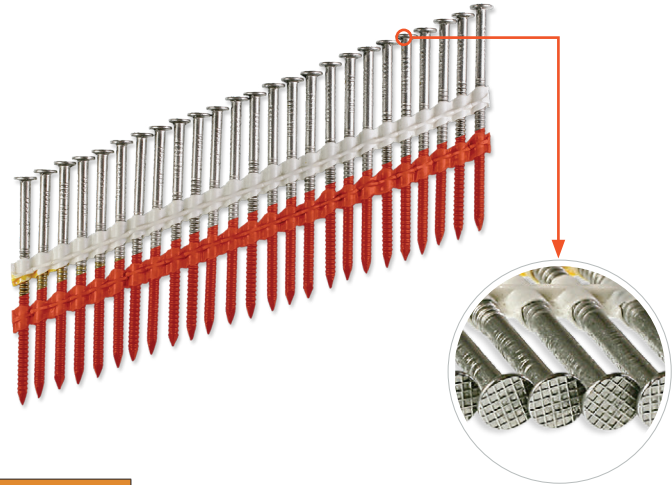
### 20°–22° Plastic Strip, Full Round Head, Ring-Shank Nail

#### Features:

- Checker pattern on head blends with the wood grain, reduces glare from sunlight and accepts surface finishes
- Annular ring shank increases withdrawal resistance to provide a secure attachment
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance
- 2½" or longer have painted tips

#### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](https://strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.



| Brand         | Model   |
|---------------|---|
| Bosch®        | SN350-20F (up to 0.148")  |
| Bostitch®     | F21PL   |
| DeWalt®       | D51850 (up to 0.148"), D51844 (up to 0.148")  |
| Grip-Rite®    | GRTFR83 (up to 0.131", 3¼"), GRTRH350 (up to 0.148")  |
| Hitachi®      | NR83AS (up to 0.131", 3¼"), NR90AC3, NR90AEPR (up to 0.148"), NR90GR (up to 0.131"), NR90GR2 (up to 0.131")   |
| Makita®       | AN923   |
| Max®          | SN883RH (up to 0.148", 3¼"), SN883RH2 (up to 0.148", 3¼"), SN890RH (up to 0.148")   |
| Porter Cable® | FR350MAG, FR350A (up to 0.148")   |
| Ridgid®       | R350RHA   |
| Senco®        | SN902XP (up to 0.148", 3¼"), SN952XP (up to 0.148"), GT90FRH (up to 0.131"), FramePro 602 (up to 0.148"), FramePro 702XP (up to 0.148"), FramePro 752XP |

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

## Framing Nails – Plastic Strip

### 20°–22° Plastic Strip, Full Round Head, Ring-Shank Nail (cont.)

#### Type 316 Stainless Steel

| Penny Size | Length (in.) | Shank Diameter (in.) | Head Diameter (in.) | Carton Quantity | Model No.  |
|------------|--------------|----------------------|---------------------|-----------------|------------|
| 6d         | 2            | 0.113                | 9/32                | 5,000           | T12A200CNB |
| 6d         | 2            | 0.113                | 9/32                | 1,000           | T12A200CNJ |
| 8d         | 2¾           | 0.113                | 9/32                | 5,000           | T12A237CNB |
| 8d         | 2¾           | 0.113                | 9/32                | 1,000           | T12A237CNJ |
| 8d         | 2½           | 0.120                | 9/32                | 4,000           | T11A250CNB |
| 8d         | 2½           | 0.120                | 9/32                | 1,000           | T11A250CNJ |
| 10d        | 3            | 0.120                | 9/32                | 4,000           | T11A300CNB |
| 10d        | 3            | 0.120                | 9/32                | 1,000           | T11A300CNJ |
| 10d        | 3            | 0.131                | 9/32                | 4,000           | T10A300CNB |
| 10d        | 3            | 0.131                | 9/32                | 1,000           | T10A300CNJ |
| 12d        | 3¼           | 0.120                | 9/32                | 4,000           | T11A325CNB |
| 12d        | 3¼           | 0.120                | 9/32                | 1,000           | T11A325CNJ |
| 12d        | 3¼           | 0.131                | 9/32                | 4,000           | T10A325CNB |
| 12d        | 3¼           | 0.131                | 9/32                | 1,000           | T10A325CNJ |
| 16d        | 3½           | 0.131                | 9/32                | 4,000           | T10A350CNB |
| 16d        | 3½           | 0.131                | 9/32                | 1,000           | T10A350CNJ |

#### Type 304 Stainless Steel

| Penny Size | Length (in.) | Shank Diameter (in.) | Head Diameter (in.) | Carton Quantity | Model No.  |
|------------|--------------|----------------------|---------------------|-----------------|------------|
| 6d         | 2            | 0.113                | 9/32                | 5,000           | S12A200CNB |
| 6d         | 2            | 0.113                | 9/32                | 1,000           | S12A200CNJ |
| 6d         | 2            | 0.120                | 9/32                | 5,000           | S11A200CNB |
| 6d         | 2            | 0.120                | 9/32                | 1,000           | S11A200CNJ |
| 8d         | 2¾           | 0.113                | 9/32                | 5,000           | S12A237CNB |
| 8d         | 2¾           | 0.113                | 9/32                | 1,000           | S12A237CNJ |
| 8d         | 2½           | 0.120                | 9/32                | 4,000           | S11A250CNB |
| 8d         | 2½           | 0.120                | 9/32                | 1,000           | S11A250CNJ |
| 8d         | 2½           | 0.131                | 9/32                | 4,000           | S10A250CNB |
| 10d        | 3            | 0.120                | 9/32                | 4,000           | S11A300CNB |
| 10d        | 3            | 0.120                | 9/32                | 1,000           | S11A300CNJ |
| 10d        | 3            | 0.131                | 9/32                | 4,000           | S10A300CNB |
| 10d        | 3            | 0.131                | 9/32                | 1,000           | S10A300CNJ |
| 12d        | 3¼           | 0.120                | 9/32                | 4,000           | S11A325CNB |
| 12d        | 3¼           | 0.120                | 9/32                | 1,000           | S11A325CNJ |
| 12d        | 3¼           | 0.131                | 9/32                | 4,000           | S10A325CNB |
| 12d        | 3¼           | 0.131                | 9/32                | 1,000           | S10A325CNJ |
| 16d        | 3½           | 0.131                | 9/32                | 4,000           | S10A350CNB |
| 16d        | 3½           | 0.131                | 9/32                | 1,000           | S10A350CNJ |

## Framing Nails – Plastic Strip

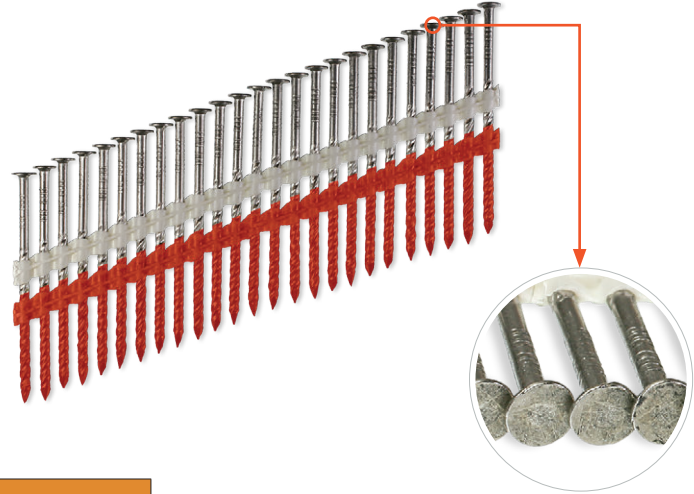
### 20°–22° Plastic Strip, Full Round Head, Screw-Shank Nail

#### Features:

- Smooth head
- Screw shank increases withdrawal resistance to provide a secure attachment
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance
- 2½" or longer have painted tips

#### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](https://www.strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.



| Brand         | Model   |
|---------------|---|
| Bosch®        | SN350-20F (up to 0.148")  |
| Bostitch®     | F21PL   |
| DeWalt®       | D51850 (up to 0.148"), D51844 (up to 0.148")  |
| Grip-Rite®    | GRTFR83 (up to 0.131", 3¼"), GRTRH350 (up to 0.148")  |
| Hitachi®      | NR83AS (up to 0.131", 3¼"), NR90AC3, NR90AEPR (up to 0.148"), NR90GR (up to 0.131"), NR90GR2 (up to 0.131")   |
| Makita®       | AN923   |
| Max®          | SN883RH (up to 0.148", 3¼"), SN883RH2 (up to 0.148", 3¼"), SN890RH (up to 0.148")   |
| Porter Cable® | FR350MAG, FR350A (up to 0.148")   |
| Ridgid®       | R350RHA   |
| Senco®        | SN902XP (up to 0.148", 3¼"), SN952XP (up to 0.148"), GT90FRH (up to 0.131"), FramePro 602 (up to 0.148"), FramePro 702XP (up to 0.148"), FramePro 752XP |

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



## Framing Nails – Plastic Strip

### 20°–22° Plastic Strip, Full Round Head, Screw-Shank Nail (cont.)

#### Type 316 Stainless Steel

| Penny Size | Length (in.) | Shank Diameter (in.) | Head Diameter (in.) | Carton Quantity | Model No.  |
|------------|--------------|----------------------|---------------------|-----------------|------------|
| 10d        | 3            | 0.120                | 9/32                | 1,000           | T11S300CNJ |
| 10d        | 3            | 0.131                | 9/32                | 1,000           | T10S300CNJ |
| 12d        | 3¼           | 0.120                | 9/32                | 4,000           | T11S325CNB |
| 16d        | 3½           | 0.131                | 9/32                | 1,000           | T10S350CNJ |

#### Type 304 Stainless Steel

| Penny Size | Length (in.) | Shank Diameter (in.) | Head Diameter (in.) | Carton Quantity | Model No.  |
|------------|--------------|----------------------|---------------------|-----------------|------------|
| 8d         | 2½           | 0.113                | 9/32                | 4,000           | S12S250CNB |
| 8d         | 2½           | 0.113                | 9/32                | 1,000           | S12S250CNJ |
| 10d        | 3            | 0.120                | 9/32                | 4,000           | S11S300CNB |
| 10d        | 3            | 0.120                | 9/32                | 1,000           | S11S300CNJ |
| 12d        | 3¼           | 0.120                | 9/32                | 4,000           | S11S325CNB |
| 12d        | 3¼           | 0.120                | 9/32                | 1,000           | S11S325CNJ |

## Framing Nails – Plastic Strip

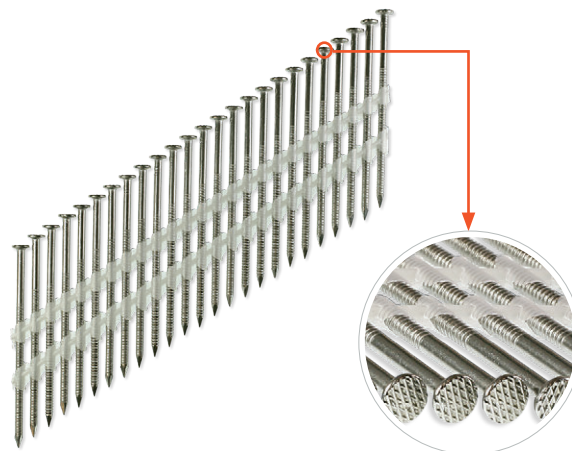
### 31°–34° Plastic Strip, Full Round Head, Ring-Shank Nail

#### Features:

- Checker pattern on head blends with wood grain, reduces glare from sunlight and accepts surface finishes
- Annular ring shank increases withdrawal resistance to provide a secure attachment
- Type 304 stainless steel for applications requiring high corrosion resistance

#### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](http://strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.



| Brand         | Model  |
|---------------|--|
| Bosch®        | SN350-34C  |
| Bostitch®     | F33PT  |
| DeWalt®       | D51825, D51822   |
| Grip-Rite®    | GRTFC83 (up to 3¼"), GRTCH350                                    |
| Hitachi®      | NR83AA3 (up to 3¼"), NR90ADPR, NR90GC2                           |
| Makita®       | AN943  |
| Max®          | SN883CH/34 (up to 3¼"), SN890CH/34                               |
| Paslode®      | PF350S, CF325 (up to 3¼"), F350S, 900420 (up to 3¼")             |
| Porter Cable® | FC350A   |
| Ridgid®       | R350CHA  |
| Senco®        | SN901XP (up to 3¼"), SN951XP, GT90CH, FramePro601, FramePro701XP |

### Type 304 Stainless Steel

| Penny Size | Length (in.) | Shank Diameter (in.) | Head Diameter (in.) | Carton Quantity | Model No.  |
|------------|--------------|----------------------|---------------------|-----------------|------------|
| 8d         | 2¾           | 0.113                | ¾                   | 1,000           | S12A237P31 |
| 10d        | 3            | 0.120                | ¾                   | 1,000           | S11A300P31 |

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

## Framing Nails – Wire Weld

### 28° Wire Weld, Clipped Head, Ring-Shank Nail

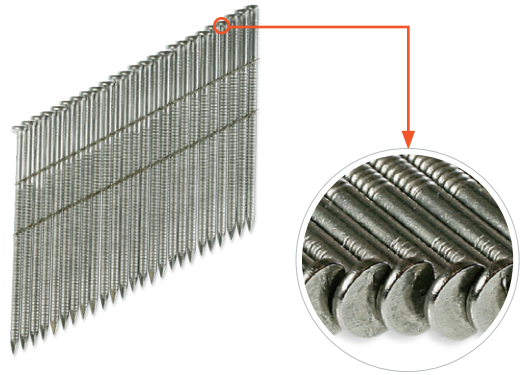
#### Features:

- Smooth D-shaped head
- Annular ring shank increases withdrawal resistance to provide a secure attachment

#### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](https://strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

| Brand      | Model                  |
|------------|------------------------|
| Bostitch®  | F28WW, GF28WW, N100S   |
| Grip-Rite® | GRTFW83                |
| Hitachi®   | NR90AF                 |
| Max®       | SN883CH/28, SN890CH/28 |



#### Type 304 Stainless Steel

| Penny Size | Length (in.) | Shank Diameter (in.) | Carton Quantity | Model No.  |
|------------|--------------|----------------------|-----------------|------------|
| 8d         | 2¾           | 0.113                | 1,000           | S12A237W28 |
| 12d        | 3¼           | 0.131                | 1,000           | S10A325W28 |

## Framing Nails – Paper Tape

### 31°–34° Paper Tape, Clipped Head, Ring-Shank Nail

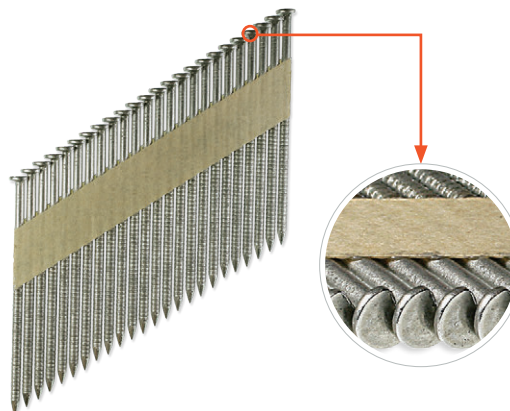
#### Features:

- Smooth D-shaped head
- Annular ring shank increases withdrawal resistance to provide a secure attachment
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance

#### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](http://strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

| Brand         | Model  |
|---------------|--|
| Bosch®        | SN350-34C  |
| Bostitch®     | F33PT  |
| DeWalt®       | D51825, D51822   |
| Grip-Rite®    | GRTFC83 (up to 3¼"), GRTCH350                                    |
| Hitachi®      | NR83AA3 (up to 3¼"), NR90ADPR, NR90GC2                           |
| Makita®       | AN943  |
| Max®          | SN883CH/34 (up to 3¼"), SN890CH/34                               |
| Paslode®      | PF350S, CF325 (up to 3¼"), F350S, 900420 (up to 3¼")             |
| Porter Cable® | FC350A   |
| Ridgid®       | R350CHA  |
| Senco®        | SN901XP (up to 3¼"), SN951XP, GT90CH, FramePro601, FramePro701XP |



#### Type 316 Stainless Steel

| Penny Size | Length (in.) | Shank Diameter (in.) | Carton Quantity | Model No.  |
|------------|--------------|----------------------|-----------------|------------|
| 8d         | 2¾           | 0.113                | 1,000           | T12A237T31 |
| 10d        | 3            | 0.120                | 1,000           | T11A300T31 |
| 12d        | 3¼           | 0.131                | 1,000           | T10A325T31 |

#### Type 304 Stainless Steel

| Penny Size | Length (in.) | Shank Diameter (in.) | Carton Quantity | Model No.  |
|------------|--------------|----------------------|-----------------|------------|
| 6d         | 2            | 0.113                | 1,000           | S12A200T31 |
| 8d         | 2¾           | 0.113                | 1,000           | S12A237T31 |
| 10d        | 3            | 0.120                | 1,000           | S11A300T31 |
| 12d        | 3¼           | 0.131                | 1,000           | S10A325T31 |

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



## Trim Nails

# 20° Angle, Adhesive Collation, T-Style Head, 16-Gauge Finishing Nail

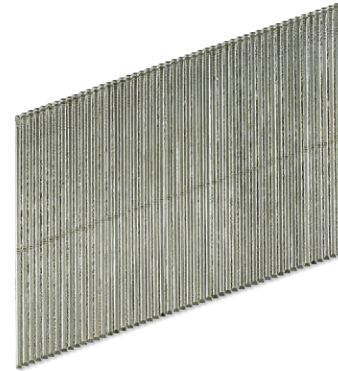
### Features:

- T-style head minimizes nail head size for easier concealment
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance

### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](https://www.strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

| Brand     | Model             |
|-----------|-------------------|
| DeWalt®   | DC618K            |
| Duo-Fast® | FloorMaster 2505N |
| Hitachi®  | NT65GB            |
| Paslode®  | 900600, T250A-F16 |
| Senco®    | GT65RHA           |



### Type 316 Stainless Steel

| Penny Size | Length (in.) | 500-Count Model No. | 2,000-Count Model No. |
|------------|--------------|---------------------|-----------------------|
| 4d         | 1½           | T16N150PFB          | T16N150PFN            |
| 6d         | 2            | T16N200PFB          | T16N200PFN            |
| 8d         | 2½           | T16N250PFB          | T16N250PFN            |

### Type 304 Stainless Steel

| Penny Size | Length (in.) | 500-Count Model No. | 2,000-Count Model No. |
|------------|--------------|---------------------|-----------------------|
| 4d         | 1½           | S16N150PFB          | S16N150PFN            |
| 6d         | 2            | S16N200PFB          | S16N200PFN            |
| 8d         | 2½           | S16N250PFB          | S16N250PFN            |

## Trim Nails

# 25° Angle, Adhesive Collation, FN-Style, 15-Gauge Finishing Nail

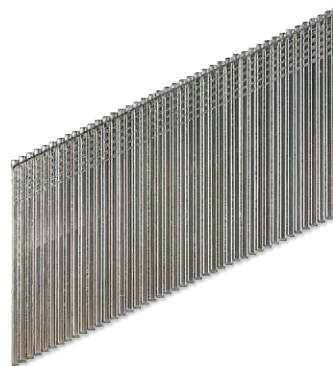
### Features:

- T-style head minimizes nail head size for easier concealment
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance

### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](https://strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

| Brand     | Model              |
|-----------|--------------------|
| Bostitch® | N62FNK-2, GFN1546K |
| Makita®   | AF632, AF631       |



### Type 316 Stainless Steel

| Penny Size | Length (in.) | 500-Count Model No. | 3,500-Count Model No. |
|------------|--------------|---------------------|-----------------------|
| 4d         | 1½           | T15N150FNB          | T15N150FNJ            |
| 6d         | 2            | T15N200FNB          | T15N200FNJ            |
| 8d         | 2½           | T15N250FNB          | T15N250FNJ            |

### Type 304 Stainless Steel

| Penny Size | Length (in.) | 500-Count Model No. | 3,500-Count Model No. |
|------------|--------------|---------------------|-----------------------|
| 4d         | 1½           | S15N150FNB          | S15N150FNJ            |
| 6d         | 2            | S15N200FNB          | S15N200FNJ            |
| 8d         | 2½           | S15N250FNB          | S15N250FNJ            |

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

## Trim Nails

### Tape Collation, DA-Style Angle, 15-Gauge Finishing Nail

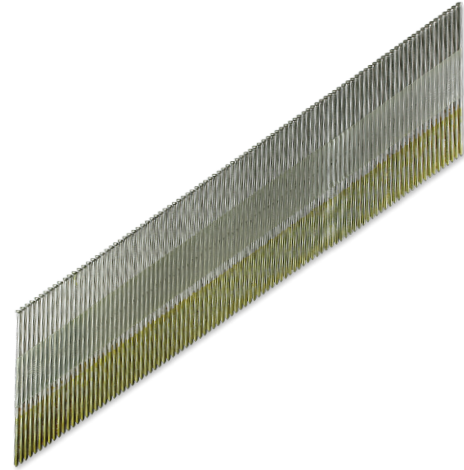
#### Features:

- D-style head has greater bearing area to draw trim to the substrate
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance

#### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](https://strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

| Brand         | Model                             |
|---------------|-----------------------------------|
| Bosch®        | FNA250-15                         |
| DeWalt®       | DC628K, D51276K                   |
| Grip-Rite®    | GRTAN250                          |
| Hitachi®      | NT65GA, NT65MA4                   |
| Makita®       | AF633                             |
| Max®          | NF550/15-65                       |
| Porter Cable® | DA250C                            |
| Ridgid®       | R250AFA, R250AF18                 |
| Senco®        | Fusion F15, GT65DA, FinishPro42XP |



#### Type 316 Stainless Steel

| Penny Size | Length (in.) | 500-Count Model No. | 4,000-Count Model No. |
|------------|--------------|---------------------|-----------------------|
| 3d         | 1 ¼          | —                   | T15N125SFN            |
| 4d         | 1 ½          | T15N150SFB          | T15N150SFN            |
| 6d         | 2            | T15N200SFB          | T15N200SFN            |
| 8d         | 2 ½          | T15N250SFB          | T15N250SFN            |

#### Type 304 Stainless Steel

| Penny Size | Length (in.) | 500-Count Model No. | 4,000-Count Model No. |
|------------|--------------|---------------------|-----------------------|
| 4d         | 1 ½          | S15N150SFB          | S15N150SFN            |
| 6d         | 2            | S15N200SFB          | S15N200SFN            |
| 8d         | 2 ½          | S15N250SFB          | S15N250SFN            |

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

## Trim Nails

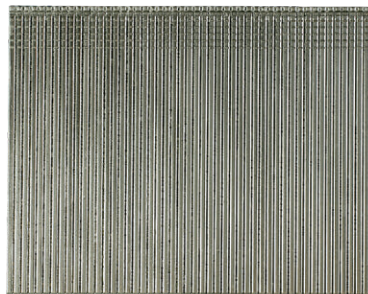
# Straight, Adhesive Collation, T-Style Head, 16-Gauge Finishing Nail

### Features:

- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance

### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](https://www.strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.



| Brand         | Model                                     |
|---------------|---|
| Bosch®        | FNS250-16                                 |
| Bostitch®     | FN1664K, SB-1664FN, GFN1664K              |
| DeWalt®       | DC616K, D51257K                           |
| Duo-Fast®     | FloorMaster 200-C, SureShot764 (up to 2") |
| Grip-Rite®    | GRTFN250                                  |
| Hitachi®      | NT65A3, NT6GS, NT65M2                     |
| Max®          | NF352-ST/16-50 (up to 2")                 |
| Paslode®      | T250S-F16, 902000                         |
| Porter Cable® | FN250C                                    |
| Ridgid®       | R250SFA                                   |
| Senco®        | FinishPro32                               |

### Type 316 Stainless Steel

| Length (in.) | 500-Count Model No. | 2,500-Count Model No. |
|--------------|---------------------|-----------------------|
| 1¼           | T16N125FNB          | T16N125FNJ            |
| 1½           | T16N150FNB          | T16N150FNJ            |
| 2            | T16N200FNB          | T16N200FNJ            |
| 2½           | T16N250FNB          | T16N250FNJ            |

### Type 304 Stainless Steel

| Length (in.) | 500-Count Model No. | 2,500-Count Model No. |
|--------------|---------------------|-----------------------|
| 1½           | S16N150FNB          | S16N150FNJ            |
| 2            | S16N200FNB          | S16N200FNJ            |
| 2½           | S16N250FNB          | S16N250FNJ            |

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



## Trim Nails

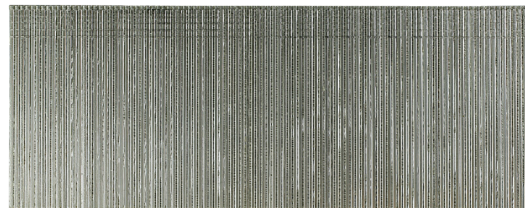
# Straight, Adhesive Collation, T-Style Head, 18-Gauge Brads

### Features:

- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance

### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](http://strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.



| Brand         | Model   |
|---------------|---|
| Bosch®        | BNS200-18   |
| Bostitch®     | BT1855K, SB-1850BN, SB-2IN1 (up to 1½"), GBT1850K                                 |
| DeWalt®       | DC51236K (up to 1¼"), D51238K   |
| Duo-Fast®     | SureShot 2232 (up to 1"), SureShot 4450 (up to 1½"), SureShot 4450 ST (up to 1½") |
| Grip-Rite®    | GRTBN125 (up to 1¼"), GRTBN200  |
| Hitachi®      | NT32AE2 (up to 1¼"), NT50AE2, NT50GS  |
| Makita®       | AF505   |
| Max®          | NF235F/18 (up to 1¼"), NF201/18-35 (up to 1¼"), NF255-ST/18                       |
| Paslode®      | T200-F18, 901000  |
| Porter Cable® | BN138 (up to 1¼"), BN200B   |
| Ridgid®       | R213BNA   |
| Senco®        | SLP20XP (up to 1½"), FinishPro25XP  |

### Type 316 Stainless Steel

| Length (in.) | 500-Count Model No. | Carton Quantity | Model No.  |
|--------------|---------------------|-----------------|------------|
| ½            | —                   | 5,000           | T18N050FNJ |
| ⅝            | —                   | 5,000           | T18N062FNJ |
| ¾            | T18N075FNB          | 5,000           | T18N075FNJ |
| 1            | T18N100FNB          | 5,000           | T18N100FNJ |
| 1¼           | T18N125FNB          | 5,000           | T18N125FNJ |
| 1½           | T18N150FNB          | 5,000           | T18N150FNJ |
| 1¾           | —                   | 5,000           | T18N175FNJ |
| 2            | T18N200FNB          | 5,000           | T18N200FNJ |

### Type 304 Stainless Steel

| Length (in.) | 500-Count Model No. | Carton Quantity | Model No.  |
|--------------|---------------------|-----------------|------------|
| ¾            | S18N075FNB          | 5,000           | S18N075FNJ |
| 1            | S18N100FNB          | 5,000           | S18N100FNJ |
| 1¼           | S18N125FNB          | 5,000           | S18N125FNJ |
| 1½           | S18N150FNB          | 5,000           | S18N150FNJ |
| 1¾           | —                   | 5,000           | S18N175FNJ |
| 2            | S18N200FNB          | 5,000           | S18N200FNJ |

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

## Trim Nails

### Straight, Adhesive Collation, 23-Gauge Micro Pins

#### Features:

- Headless micro pins
- Smooth shank

#### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](https://strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.



| Brand         | Model                     |
|---------------|---------------------------|
| Bostitch®     | HP118K                    |
| Duo-Fast®     | SureShot 2236             |
| Grip-Rite®    | GRTPIN23                  |
| Hitachi®      | NP35A                     |
| Max®          | NF235A/23-35              |
| Porter Cable® | PIN100 (up to 1"), PIN138 |
| Ridgid®       | R138HPA                   |
| Senco®        | FinishPro11               |

### Type 304 Stainless Steel

| Length (in.) | Carton Count | Model No.  |
|--------------|--------------|------------|
| ½            | 1,000        | S23N050MPB |
| ½            | 5,000        | S23N050MPN |
| ¾            | 1,000        | S23N075MPB |
| ¾            | 5,000        | S23N075MPN |
| 1            | 1,000        | S23N100MPB |
| 1            | 5,000        | S23N100MPN |
| 1 ⅜          | 1,000        | S23N119MPB |
| 1 ⅜          | 5,000        | S23N119MPN |
| 1 ½          | 1,000        | S23N150MPB |
| 1 ½          | 5,000        | S23N150MPN |
| 1 ¾          | 1,000        | S23N175MPB |
| 1 ¾          | 5,000        | S23N175MPN |

## Specialty

### L Series Flooring Cleats

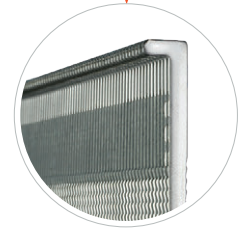
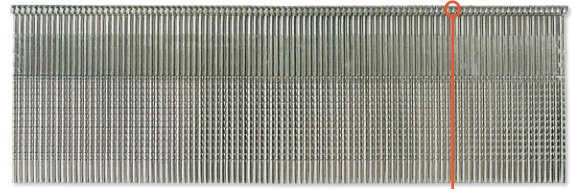
#### Common Applications:

- Ideal for tongue-and-groove decking and flooring

#### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](https://www.strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

| Brand         | Model   |
|---------------|---|
| Bostitch®     | MFN200, MFN201, MIIIFN                                  |
| Grip-Rite®    | GR200LCN  |
| Hitachi®      | NT50AF  |
| Porter Cable® | FCN200  |
| PowerNail®    | 45, 45R, 445SN, 101SN, 101R, 445, 445 FLEX Power Roller |
| Primatech®    | P210L, P240L, P250L, H300L, H330L                       |
| Senco®        | SHF50, SHF15  |



#### Type 304 Stainless Steel

| Gauge | Length (in.) | Carton Quantity | Model No.  |
|-------|--------------|-----------------|------------|
| 16    | 2            | 1,000           | S16B200LCT |

### T Series Flooring Cleats

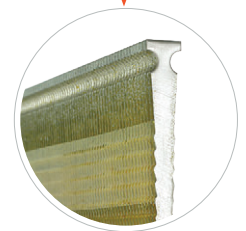
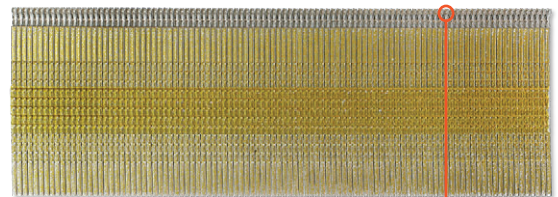
#### Common Applications:

- Ideal for tongue-and-groove decking and flooring

#### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](https://www.strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

| Brand      | Model                             |
|------------|-----------------------------------|
| Hitachi®   | NT50AF, NT50AGF, NT50YF           |
| Primatech® | P210T, P240T, P250T, H300T, H330T |



#### Type 304 Stainless Steel

| Gauge | Length (in.) | Carton Quantity | Model No.  |
|-------|--------------|-----------------|------------|
| 16    | 2            | 1,000           | S16B200TNL |

## Collated Staples

### 1/2" Crown, 15 1/2-Gauge Staples

(Similar to Bostitch® "BCS" Series)

#### Common Applications:

- Ideal for tongue-and-groove decking and flooring

#### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](http://strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

| Brand      | Model                          |
|------------|--------------------------------|
| Bostitch®  | MIII FS                        |
| Grip-Rite® | GR200FS                        |
| Hitachi®   | N5009AF                        |
| PowerNail® | 445FS, 445FS with Power Roller |
| Primatech® | P220, P250S, P260              |



#### Type 304 Stainless Steel

| Length (in.) | Carton Quantity | Model No.  |
|--------------|-----------------|------------|
| 2            | 5,000           | S15N200BFS |

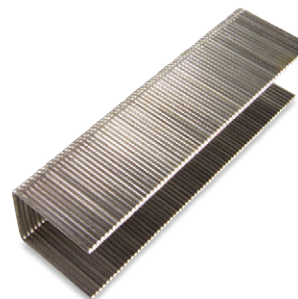
### 1" Crown, 16-Gauge Staples

(Similar to Senco® "P" Series)

#### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](http://strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

| Brand      | Model                  |
|------------|------------------------|
| Duo-Fast®  | SW1748                 |
| Grip-Rite® | GRT1200-2              |
| Hitachi®   | N5024A2                |
| Makita®    | AT2550A                |
| Senco®     | MWXD, WC150XP, WC200XP |



#### Type 316 Stainless Steel

| Length (in.) | Carton Quantity | Model No.  |
|--------------|-----------------|------------|
| 1            | 5,000           | T16N100P53 |

#### Type 304 Stainless Steel

| Length (in.) | Carton Quantity | Model No.  |
|--------------|-----------------|------------|
| 3/4          | 5,000           | S16N075P51 |
| 1 1/4        | 5,000           | S16N125P55 |



## Collated Staples

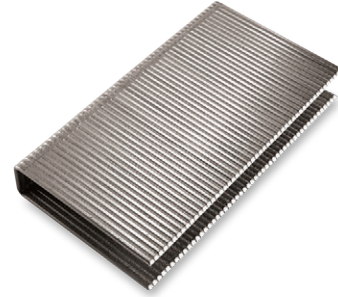
### 1/2" Crown, 16-Gauge Staples

(Similar to Paslode® "GS" Series)

#### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](https://strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

| Brand    | Model              |
|----------|--------------------|
| DeWalt®  | D51431             |
| Hitachi® | N5010A             |
| Paslode® | S200-S16, 900078NT |



#### Type 304 Stainless Steel

| Length (in.) | 1,000-Count Model No. | Carton Quantity | Carton Model No. |
|--------------|-----------------------|-----------------|------------------|
| 1¼           | S16N125GS-R1000       | 10,000          | S16N125GS        |
| 1½           | S16N150GS-R1000       | 10,000          | S16N150GS        |
| 1¾           | S16N175GS-R1000       | 10,000          | S16N175GS        |
| 2            | —                     | 10,000          | S16N200GS        |

## Collated Staples

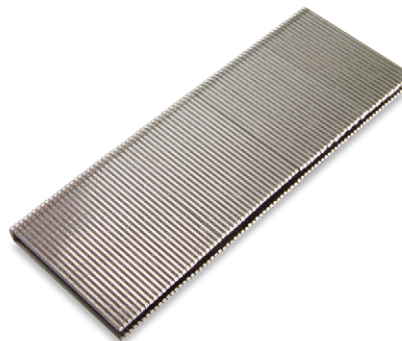
### 1/4" Crown, 18-Gauge Staples

(Similar to Senco® "L" Series)

#### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](https://strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

| Brand         | Model  |
|---------------|--|
| Bosch®        | STN150-18  |
| DeWalt®       | D51420K (up to 1"), D51422K  |
| Duo-Fast®     | SureShot 1848F, SureShot 1832 (up to 1"), SureShot 1848, SureShot 1848SL, SureShot 1832ST (up to 1") |
| Grip-Rite®    | GRTSN100 (up to 1"), GRSTN150A   |
| Hitachi®      | N3804AB3   |
| Makita®       | AT638  |
| Max®          | TA238A/18-6, TA238/18-6  |
| Porter Cable® | NS100B (up to 1"), NS150B  |
| Ridgid®       | R150FSA  |
| Senco®        | SLS18MG  |



#### Type 316 Stainless Steel

| Length (in.) | Carton Quantity | Model No.  |
|--------------|-----------------|------------|
| 5/8          | 5,000           | T18N062L10 |
| 3/4          | 5,000           | T18N075L11 |
| 1            | 5,000           | T18N100L13 |
| 1 1/4        | 5,000           | T18N125L15 |
| 1 1/2        | 5,000           | T18N150L17 |

#### Type 304 Stainless Steel

| Length (in.) | 1,000-Count Model No. | Carton Quantity | Carton Model No. |
|--------------|-----------------------|-----------------|------------------|
| 5/8          | —                     | 5,000           | S18N062L10       |
| 1            | S18N100L13-R1000      | 5,000           | S18N100L13       |
| 1 1/8        | —                     | 5,000           | S18N112L14       |
| 1 1/4        | S18N125L15-R1000      | 5,000           | S18N125L15       |
| 1 1/2        | S18N150L17-R1000      | 5,000           | S18N150L17       |

## Collated Staples

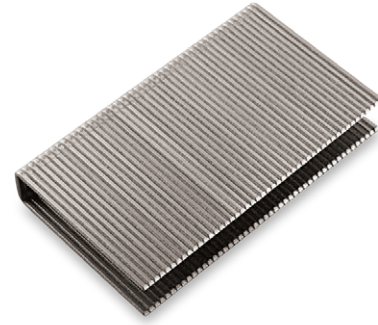
### 7/16" Crown, 16-Gauge Staples

(Similar to Senco® "N" Series)

#### Compatible Tools

If you don't see your particular model in the table below, see [strongtie.com/toolmatrix](http://strongtie.com/toolmatrix) or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

| Brand         | Model                                |
|---------------|--------------------------------------|
| Bostitch®     | 438S5 (up to 1½"), 650S5             |
| DeWalt®       | D51430                               |
| Duo-Fast®     | SM7648 (up to 1½"), SM7664, MS-7664E |
| Grip-Rite®    | GRSTSM200                            |
| Hitachi®      | N5008AC2                             |
| Makita®       | AT1150A                              |
| Max®          | TA551A/16-11, TA551/76, TA551/16-11  |
| Porter Cable® | MS200                                |
| Senco®        | SNS41, SNS44XP, SDS45XP, SNS50XP     |



#### Type 316 Stainless Steel

| Length (in.) | Carton Quantity | Carton Model No. |
|--------------|-----------------|------------------|
| ¾            | 5,000           | T16N075N11       |
| 1¼           | 5,000           | T16N125N15       |
| 1½           | 5,000           | T16N150N17       |
| 1¾           | 5,000           | T16N175N19       |
| 2            | 5,000           | T16N200N21       |

#### Type 304 Stainless Steel

| Length (in.) | 1,000-Count Model No. | Carton Quantity | Carton Model No. |
|--------------|-----------------------|-----------------|------------------|
| 1            | —                     | 5,000           | S16N100N13       |
| 1¼           | S16N125N15-R1000      | 5,000           | S16N125N15       |
| 1½           | S16N150N17-R1000      | 5,000           | S16N150N17       |
| 1¾           | —                     | 5,000           | S16N175N19       |
| 2            | S16N200N21-R1000      | 5,000           | S16N200N21       |





Quik Drive® PRO300SG2 Decking Attachment

Quik Drive® Decking Noseclip

**Save time  
on every job.**





# Quik Drive<sup>®</sup> Systems

## Subfloor/Sheathing | Fiber-Cement Siding | Crating | Truss Ply

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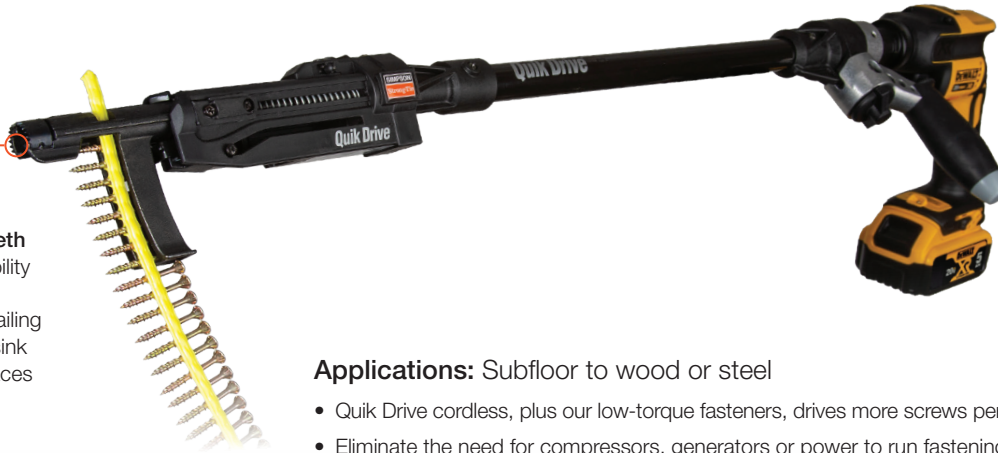
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**Subfloor/Sheathing | Fiber-Cement Siding | Crating | Truss Ply**

# Cordless PRO250G2 Subfloor System

The cordless Quik Drive® PRO250G2 Subfloor System: a complete auto-feed screw driving system powered by the 2,000 rpm, 20V cordless DeWalt® brushless driver motor. This PRO250G2 requires less skill training than traditional installation methods, allowing a first-day apprentice to keep pace with a seasoned veteran.



**Non-skid teeth** increase stability and provide uniform toenailing and countersink on slick surfaces

**Applications:** Subfloor to wood or steel

- Quik Drive cordless, plus our low-torque fasteners, drives more screws per battery charge.
- Eliminate the need for compressors, generators or power to run fastening equipment.
- Slash the setup time. Eliminate cord and hose maintenance and tangle. Reduce tripping and electrical shock hazards.
- Quik Drive Cordless PRO250G2 can be used with or without the lightweight extension.
- Precise, self-locking depth adjustment for consistent fastener drive depth. Lightweight G3 extension for better ergonomics.
- The patented curved collation strips (US Patent 7,051,875) hold the screws up and away from the work surface, making moving and positioning the tool easier. The collated strips are also pointed on the inserted end to simplify loading.

*Limited lifetime warranty on attachment and extension, one-year limited warranty on screwdriver motors (see specific manufacturer's warranty for more information)*



**The cordless PRO250G2 system includes:**

- PRO250G2 subfloor attachment
- Lightweight G3 extension for stand-up driving
- DeWalt 2,000 rpm 20V cordless driver motor
- Two lithium ion batteries and charger
- Soft carrying case

**PRO250G2 subfloor attachment tool is also sold separately. See parts table below.**

**Drive These Collated Screws**



|  |        |                                 |        |
|--|--------|---------------------------------|--------|
| Strong-Drive® WSV Subfloor screw         | p. 229 | WSC Wood screw                  | p. 234 |
| Strong-Drive PPHD Sheathing-to-CFS screw | p. 239 | Trim-Head screw — Type-17 point | p. 222 |
| Deck-Drive™ DSV Wood screw               | p. 218 | DWC Drywall screw               | p. 231 |
| WSHL Subfloor screw                      | p. 231 | DWFSD Drywall-to-CFS screw      | p. 245 |
| CBSDQ Sheathing-to-CFS screw             | p. 244 | Trim-Head screw — sharp point   | p. 221 |
| WSFLRV Wood-to-CFS/Aluminum screw        | p. 247 |                                 |        |

| System Options                     | Model No.    |
|------------------------------------|--------------|
| DeWalt 2,000 rpm screwdriver motor | PRO250G2DC2K |
| Parts                              | Model No.    |
| Attachment only                    | QDPRO250G2   |
| Replacement attachment mandrel     | PMANDREL75   |

For more information on screwdriver motors and RPM recommendations per application, see pp. 204–206.



# PRO250G2 Subfloor System



**Non-skid teeth**  
increase stability  
and provide  
uniform toenailing  
and countersink  
on slick surfaces

**Applications:** Subfloor to wood or steel

- Expanded depth settings for appropriate countersink in a variety of applications
- Reversible replaceable non-skid teeth attachment
- Uniform toenailing and countersink on slick surfaces
- The patented curved collation strips (US Patent 7,051,875) hold the screws up and away from the work surface, making moving and positioning the tool easier; they are also pointed on the inserted end to simplify loading

*Limited lifetime warranty on attachment and extension, one-year limited warranty on screwdriver motors (see specific manufacturer's warranty for more information)*



**The PRO250G2 system includes:**

- PRO250G2 subfloor attachment
- Extension for stand-up driving
- Choice of Makita® or DeWalt® screwdriver motors
- Screw quiver for keeping screws at your fingertips
- Rugged tool case to protect your equipment

PRO250G2 subfloor attachment tool is also sold separately. See parts table below.

| Drive These Collated Screws              |        |                                 |        |
|--|--------|---------------------------------|--------|
|  |        |                                 |        |
| Strong-Drive® WSV Subfloor screw         | p. 229 | WSC Wood screw                  | p. 234 |
| Strong-Drive PPHD Sheathing-to-CFS screw | p. 239 | Trim-Head screw — Type-17 point | p. 222 |
| Deck-Drive™ DSV Wood screw               | p. 218 | DWC Drywall screw               | p. 231 |
| WSHL Subfloor screw                      | p. 231 | DWFSD Drywall-to-CFS screw      | p. 245 |
| CBSDQ Sheathing-to-CFS screw             | p. 244 | Trim-Head screw — sharp point   | p. 221 |
| WSFLRV Wood-to-CFS/Aluminum screw        | p. 247 |                                 |        |

| System Options                     | Model No.    |
|------------------------------------|--------------|
| DeWalt 2,500 rpm screwdriver motor | PRO250G2D25K |
| Makita 2,500 rpm screwdriver motor | PRO250G2M25K |
| Makita 3,500 rpm screwdriver motor | PRO250G2M35K |
| Parts                              | Model No.    |
| Attachment only                    | QDPRO250G2   |
| Replacement attachment mandrel     | PMANDREL75   |

For more information on screwdriver motors and RPM recommendations per application, see pp. 204–206.

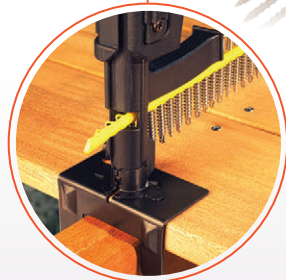
# Decks | Docks | Boardwalks | Crating | Truss Ply

## Cordless PRO300SG2 Decking System

The cordless Quik Drive® PRO300SG2 Decking System: a complete auto-feed screw driving system powered by the DeWalt® cordless driver motor that makes deck installations fast and easy. The powerful 2,000 rpm, 20V cordless DeWalt brushless driver motor and lightweight extension arm make this Quik Drive system more ergonomic than conventional installation systems: no cords to trip over, no heavy equipment to set up, and more freedom to move about the work area untethered.



**Non-skid teeth** are reversible and replaceable



QDDECKCLIP-RC

**Applications:** Decking on decks and docks, subfloor to wood or steel, wall plates, stair treads, sheathing, fiber-cement siding to steel

- Quik Drive cordless, plus our low-torque fasteners, drives more screws per battery charge.
- Slash the setup time. Eliminate cord and hose maintenance and tangle. Reduce tripping and electrical shock hazards.
- Quik Drive Cordless PRO300S can be used without the lightweight extension arm as well.
- Reversible and replaceable non-skid teeth.
- Lightweight G3 extension for better ergonomics.
- Precise, self-locking depth adjustment for consistent fastener drive depth.
- Decking noseclip (QDDECKCLIP-RC) positions the screw on the deck board and centers it on the joist for an easy, uniform installation from a standing position.
- The patented curved collation strips (US Patent 7,051,875) hold the screws up and away from the work surface, making moving and positioning the tool easier. The collated strips are also pointed on the inserted end to simplify loading.

*Limited lifetime warranty on attachment and extension, one-year limited warranty on screwdriver motors (see specific manufacturer's warranty for more information)*



**The cordless PRO300SG2 system includes:**

- PRO300SG2 decking attachment
- Lightweight G3 extension for stand-up driving
- DeWalt 2,000 rpm 20V cordless driver motor
- Two lithium ion batteries and charger
- Decking noseclip for accurate and consistent fastening
- Soft carrying case

PRO300SG2 decking attachment tool is also sold separately. See parts table below.

| Drive These Collated Screws              |        |                                  |        |
|--|--------|----------------------------------|--------|
|  |        |                                  |        |
| Deck-Drive™ DSV Wood screw               | p. 218 | Trim-Head screw — sharp point    | p. 221 |
| Deck-Drive DWP Wood SS screw             | p. 219 | Bugle-Head Wood screw            | p. 222 |
| Deck-Drive DHPD Hardwood screw           | p. 220 | CBSDQ Sheathing-to-CFS screw     | p. 244 |
| Deck-Drive DCSD Composite-to-Steel screw | p. 228 | Strong-Drive® WSV Subfloor screw | p. 229 |
| Trim-Head screw — Type-17 point          | p. 222 | Deck-Drive DCU Composite screw   | p. 226 |

| System Options                              | Model No.     |
|---|---------------|
| DeWalt 2,000 rpm cordless screwdriver motor | PRO300SG2DC2K |
| Parts                                       | Model No.     |
| Attachment only                             | QDPRO300SG2   |
| Replacement attachment mandrel              | PMANDREL75    |

For more information on screwdriver motors and RPM recommendations per application, see pp. 204–206.



**Decks | Docks | Boardwalks | Crating | Truss Ply**

# PRO300SG2 Decking System



Non-skid teeth are reversible and replaceable

QDDECKCLIP-RC

**Applications:** Decking on decks and docks, subfloor to wood or steel, wall plates, stair treads, sheathing, fiber-cement siding to steel

- Expanded depth settings for high-density flooring materials
- Reversible and replaceable non-skid teeth
- Uniform toenailing and countersink on slick surfaces
- Sure-grip guide tube increases stability for a broad range of screws
- Decking noseclip (QDDECKCLIP-RC) positions the screw on the deck board and centers it on the joist for an easy, uniform installation from a standing position.
- The patented curved collation strips (US Patent 7,051,875) hold the screws up and away from the work surface, making moving and positioning the tool easier; they are also pointed on the inserted end to simplify loading

*Limited lifetime warranty on attachment and extension, one-year limited warranty on screwdriver motors (see specific manufacturer's warranty for more information)*



**The PRO300SG2 system includes:**

- PRO300SG2 decking attachment
- Extension for stand-up driving
- Choice of Makita® or DeWalt® screwdriver motors
- Screw quiver for keeping screws at your fingertips
- Rugged tool case to protect your equipment
- Decking noseclip for accurate and consistent fastening

*The decking noseclip positions the screw on the deck board and centers it on the joist for an easy, uniform installation from a standing position.*

**PRO300SG2 decking attachment tool is also sold separately. See parts table below.**

| Drive These Collated Screws              |        |                                  |        |
|--|--------|----------------------------------|--------|
|  |        |                                  |        |
| Deck-Drive™ DSV Wood screw               | p. 218 | Trim-Head screw — sharp point    | p. 221 |
| Deck-Drive DWP Wood SS screw             | p. 219 | Bugle-Head Wood screw            | p. 222 |
| Deck-Drive DHPD Hardwood screw           | p. 220 | CBSDQ Sheathing-to-CFS screw     | p. 244 |
| Deck-Drive DCSD Composite-to-Steel screw | p. 228 | Strong-Drive® WSV Subfloor screw | p. 229 |
| Trim-Head screw — Type-17 point          | p. 222 | Deck-Drive DCU Composite screw   | p. 226 |

| System Options                     | Model No.   |
|------------------------------------|-------------|
| DeWalt 2,500 rpm screwdriver motor | PRO300SD25K |
| Makita 2,500 rpm screwdriver motor | PRO300SM25K |
| Makita 3,500 rpm screwdriver motor | PRO300SM35K |
| Parts                              | Model No.   |
| Attachment only                    | QDPRO300SG2 |
| Replacement attachment mandrel     | PMANDREL75  |

For more information on screwdriver motors and RPM recommendations per application, see pp. 204–206.

# Underlayment/Backerboards | Fiber Cement

## Cordless PRO200SG2 Multi-Purpose System

The Quik Drive® PRO200SG2 Cordless Multi-Purpose System is a complete auto-feed screw driving tool powered by a 2,000 rpm, 20V cordless DeWalt® brushless driver motor. Eliminate the need for cords, compressors and generators to run with this best-in-class, ergonomic fastening system. Subfloor installations are fast and easy using this lightweight, portable Quik Drive system. The cordless DeWalt driver and lightweight extension allow stand-up driving, making for a fast, ergonomic and less fatiguing installation.



Non-skid teeth are reversible and replaceable

**Applications:** Subfloor to wood or steel, sheathing, fiber-cement siding to steel, gypsum panel to wood or steel

- Quik Drive cordless combined with Simpson Strong-Tie® low-torque fasteners, drives more screws — faster — per battery charge.
- Efficient: Slash the setup time. Eliminate cord and hose maintenance and tangle. Reduce tripping and electrical shock hazards.
- Precise, self-locking depth adjustment for consistent fastener drive depth.
- Lightweight G3 extension for better ergonomics.
- The PRO200SG2 requires less skill training than traditional installation methods, allowing a first-day apprentice to keep pace with a seasoned veteran.
- Quik Drive Cordless PRO200SG2 Multi-Purpose System can be used with or without the lightweight extension.
- The patented curved collation strips (US Patent 7,051,875) hold the screws up and away from the work surface, making moving and positioning the tool easier.
- The collated strips are also pointed on the inserted end to simplify loading.

*Limited lifetime warranty on attachment and extension, one-year limited warranty on screwdriver motors (see specific manufacturer's warranty for more information)*

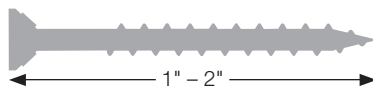


**The cordless PRO200SG2 system includes:**

- PRO200SG2 multi-purpose attachment
- Lightweight G3 extension for stand-up driving
- DeWalt 2,000 rpm 20V cordless driver motor
- Two lithium ion batteries and charger
- Soft carrying case

PRO200SG2 multi-purpose attachment tool is also sold separately. See parts table below.

Drive These Collated Screws



|  |        |                                 |        |
|--|--------|---------------------------------|--------|
| Strong-Drive® WSV Subfloor screw         | p. 229 | DWC Drywall screw               | p. 231 |
| Strong-Drive PPHD Sheathing-to-CFS screw | p. 239 | DWF Drywall-to-CFS screw        | p. 244 |
| WSHL Subfloor screw                      | p. 231 | DWFSD Drywall-to-CFS screw      | p. 245 |
| WSC Wood screw                           | p. 234 | CBSDQ Sheathing-to-CFS screw    | p. 244 |
| FHSD Wood-to-CFS screw                   | p. 246 | MTH Wood Underlayment screw     | p. 232 |
| Deck-Drive™ DSV Wood screw               | p. 218 | Trim-Head screw — Type-17 point | p. 222 |
| WSFLRV Wood-to-CFS/Aluminum screw        | p. 247 |                                 |        |

| System Options                              | Model No.   |
|---|-------------|
| DeWalt 2,000 rpm cordless screwdriver motor | PRO200G2C2K |
| Parts                                       | Model No.   |
| Attachment only                             | QDPRO200G2  |
| Replacement mandrel                         | PMANDREL75  |

For more information on screwdriver motors and RPM recommendations per application, see pp. 204–206.

# Underlayment/Backerboards | Fiber Cement

## PRO200SG2 Multi-Purpose System



**Non-skid teeth** increase stability and provide uniform toenailing and countersink on slick surfaces

**Applications:** Subfloor to wood or steel, sheathing, fiber-cement siding to steel, gypsum panel to wood or steel

- Expanded depth settings for high-density flooring materials
- Reversible and replaceable non-skid teeth attachment
- Patented curved collation strips (US Patent 7,051,875) hold the screws up and away from the work surface, making moving and positioning the tool easier; they are also pointed on the inserted end to simplify loading

*Limited lifetime warranty on attachment and extension, one-year limited warranty on screwdriver motors (see specific manufacturer's warranty for more information)*



**The PRO200SG2 system includes:**

- PRO200SG2 multi-purpose attachment
- Extension for stand-up driving
- DeWalt® screwdriver motor
- Screw quiver for keeping screws at your fingertips
- Rugged tool case to protect your equipment

PRO200SG2 multi-purpose attachment tool is also sold separately. See parts table below.

| Drive These Collated Screws              |        |                                 |        |
|--|--------|---------------------------------|--------|
|  |        |                                 |        |
| Strong-Drive® WSV Subfloor screw         | p. 229 | DWC Drywall screw               | p. 231 |
| Strong-Drive PPHD Sheathing-to-CFS screw | p. 239 | DWF Drywall-to-CFS screw        | p. 244 |
| WSHL Subfloor screw                      | p. 231 | DWFS Drywall-to-CFS screw       | p. 245 |
| WSC Wood screw                           | p. 234 | CBSDQ Sheathing-to-CFS screw    | p. 244 |
| FHSD Wood-to-CFS screw                   | p. 246 | MTH Wood Underlayment screw     | p. 232 |
| Deck-Drive™ DSV Wood screw               | p. 218 | Trim-Head screw — Type-17 point | p. 222 |
| WSFLRV Wood-to-CFS/Aluminum screw        | p. 247 |                                 |        |

| System Options                     | Model No.   |
|------------------------------------|-------------|
| DeWalt 2,500 rpm screwdriver motor | PRO200SD25K |
| Parts                              | Model No.   |
| Attachment only                    | QDPRO200SG2 |
| Replacement mandrel                | PMANDREL75  |

For more information on screwdriver motors and RPM recommendations per application, see pp. 204–206.

# Underlayment/Backerboards | Fiber Cement

## PROLDHG2 Underlayment/Backerboard System



**Applications:** Cement board and fiber-cement board underlayment/backerboard to wood or steel

- Slim profile allows driving in corners
- Drives fasteners that meet ANSI standards
- Compact body for reduced weight and easy handling

*Limited lifetime warranty on attachment and extension, one-year limited warranty on screwdriver motors (see specific manufacturer's warranty for more information)*

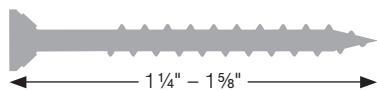


**The PROLDHG2 system includes:**

- PROLDHG2 underlayment/backerboard attachment
- Extension for stand-up driving
- Makita® screwdriver motor
- Screw quiver for keeping screws at your fingertips
- Rugged tool case to protect your equipment

**PROLDHG2 underlayment/backerboard attachment tool is also sold separately. See parts table below.**

**Drive These Collated Screws**



|                                 |        |
|---------------------------------|--------|
| CB3BLG Fiber-Cement Board screw | p. 223 |
| CB3BLGHL Cement Board screw     | p. 223 |

| System Options                     | Model No.    |
|------------------------------------|--------------|
| Makita 2,500 rpm screwdriver motor | PROLDHG2M25K |
| Parts                              | Model No.    |
| Attachment only                    | QDPROLDHG2   |
| Replacement attachment mandrel     | PMANDREL65   |

For more information on screwdriver motors and RPM recommendations per application, see pp. 204–206.



# Combo Systems

## PROSDD Multi-Purpose Combo System



**Applications:** Decks/docks, subfloor, drywall, wall plates, stair treads, fiber-cement siding to steel

- Expanded depth settings for high-density flooring materials
- Uniform toenailing and countersink on slick surfaces
- Reversible and replaceable non-skid teeth
- The patented curved collation strips (US Patent 7,051,875) hold the screws up and away from the work surface, making moving and positioning the tool easier; they are also pointed on the inserted end to simplify loading

*Limited lifetime warranty on attachment and extension, one-year limited warranty on screwdriver motors (see specific manufacturer's warranty for more information)*



**The PROSDD combo system includes:**

- PRO300SG2 decking attachment (also sold separately)
- PRO200G2 drywall attachment (also sold separately)
- Extension for stand-up driving
- Choice of DeWalt® or Makita® screwdriver motors
- Screw quiver for keeping screws at your fingertips
- Rugged tool case to protect your equipment

| Drive These Collated Screws              |        |                                   |        |
|--|--------|-----------------------------------|--------|
|  |        |                                   |        |
| Strong-Drive® WSV Subfloor screw         | p. 229 | Bugle-Head Wood screw             | p. 222 |
| Deck-Drive™ DCU Composite screw          | p. 226 | WSC Wood screw                    | p. 234 |
| Deck-Drive DSV Wood screw                | p. 218 | WSFLRV Wood-to-CFS/Aluminum screw | p. 247 |
| Deck-Drive DWP Wood SS screw             | p. 219 | WSHL Subfloor screw               | p. 231 |
| Deck-Drive DHPD Hardwood screw           | p. 220 | CBSDQ Sheathing-to-CFS screw      | p. 244 |
| Deck-Drive DCSD Composite-to-Steel screw | p. 228 | DWC Drywall screw                 | p. 231 |
| Trim-Head screw — Type-17 point          | p. 222 | DWF Drywall-to-CFS screw          | p. 244 |
| Trim-Head screw — sharp point            | p. 221 | DWFSQ Drywall-to-CFS screw        | p. 245 |

| System Options                         | Model No.   |
|--|-------------|
| DeWalt 2,500 rpm screwdriver motor     | PROSDDD25K  |
| Makita 2,500 rpm screwdriver motor     | PROSDDM25K  |
| Makita 3,500 rpm screwdriver motor     | PROSDDM35K  |
| Parts                                  | Model No.   |
| PRO300S attachment only                | QDPRO300SG2 |
| PRO200 attachment only                 | QDPRO200G2  |
| Replacement PRO300S attachment mandrel | PMANDREL75  |
| Replacement PRO200 attachment mandrel  | PMANDREL65  |
| Replacement extension                  | QDEXTG2     |

# Combo Systems

## Cordless **PROCCS+** Multi-Purpose Combo System



**Applications:** Subfloor to wood or steel, wall plates, stair treads, sheathing, decks/docks, fiber-cement siding to steel

- Expanded depth settings for high-density flooring materials
- Reversible and replaceable non-skid teeth
- Sure-grip guide tube increases stability for a broad range of screws
- The patented curved collation strips (US Patent 7,051,875) hold the screws up and away from the work surface, making moving and positioning the tool easier. They are also pointed on the inserted end to simplify loading.

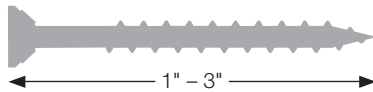
*Limited lifetime warranty on attachment and extension, one-year limited warranty on screwdriver motors (see specific manufacturer's warranty for more information)*



**The cordless PROCCS+ combo system includes:**

- PRO300SG2 decking attachment (also sold separately)
- PRO200SG2 multipurpose attachment (also sold separately)
- Lightweight G3 extension for stand-up driving
- DeWalt® 2,000 rpm 20V cordless driver motor
- Two lithium ion batteries and charger
- Screw quiver for keeping screws at your fingertips
- Soft carrying case

**Drive These Collated Screws**



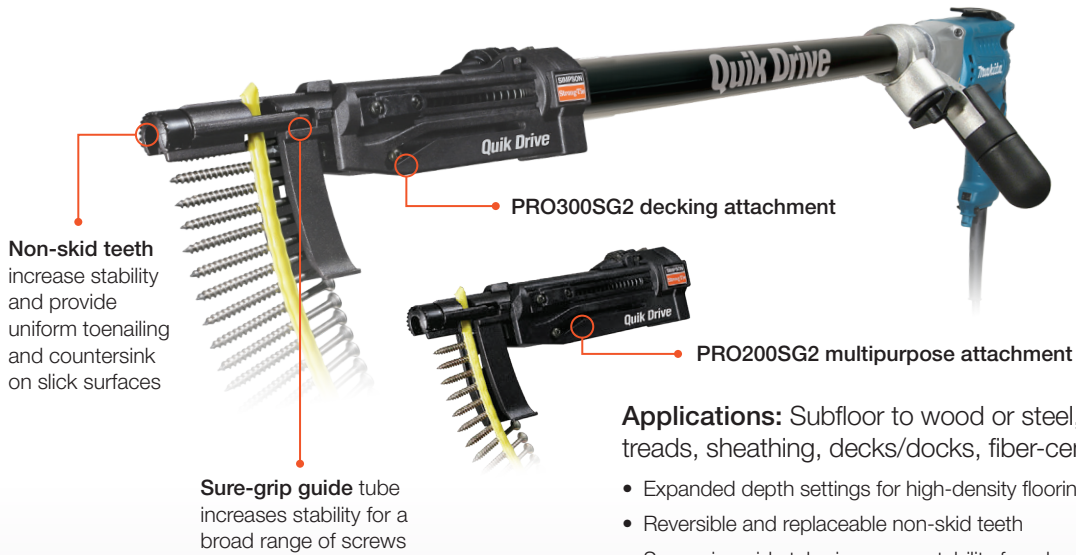
|  |        |  |        |
|--|--------|--|--------|
| Strong-Drive® WSV Subfloor screw         | p. 229 | Bugle-Head Wood screw                    | p. 222 |
| Deck-Drive™ DCU Composite screw          | p. 226 | WSC Wood screw                           | p. 234 |
| Deck-Drive DWP Wood SS screw             | p. 219 | WSFLRV Wood-to-CFS/Aluminum screw        | p. 247 |
| Deck-Drive DHPD Hardwood Decking screw   | p. 220 | WSHL Subfloor screw                      | p. 231 |
| Deck-Drive DCSD Composite-to-Steel screw | p. 228 | Strong-Drive PPHD Sheathing-to-CFS screw | p. 239 |
| Deck-Drive DSV Wood screw                | p. 218 | MTH Wood Underlayment screw              | p. 232 |
| Trim-Head screw — Type-17 point          | p. 222 | CBSDQ Sheathing-to-CFS screw             | p. 244 |
| Trim-Head screw — sharp point            | p. 221 |  |        |

| System Options                              | Model No.   |
|---|-------------|
| DeWalt 2,000 rpm cordless screwdriver motor | PROCCS+DC2K |
| Parts                                       | Model No.   |
| PRO300S attachment only                     | QDPRO300SG2 |
| PRO200S attachment only                     | QDPRO200SG2 |
| Replacement attachment mandrel              | PMANDREL75  |
| Replacement extension                       | QDEXTG2     |

For more information on screwdriver motors and RPM recommendations per application, see pp. 204–206.

# Combo Systems

## PROCCS+ Multi-Purpose Combo System



**Applications:** Subfloor to wood or steel, wall plates, stair treads, sheathing, decks/docks, fiber-cement siding to steel

- Expanded depth settings for high-density flooring materials
- Reversible and replaceable non-skid teeth
- Sure-grip guide tube increases stability for a broad range of screws
- The patented curved collation strips (US Patent 7,051,875) hold the screws up and away from the work surface, making moving and positioning the tool easier. They are also pointed on the inserted end to simplify loading.

*Limited lifetime warranty on attachment and extension, one-year limited warranty on screwdriver motors (see specific manufacturer's warranty for more information)*



**The PROCCS+ combo system includes:**

- PRO300SG2 decking attachment (also sold separately)
- PRO200SG2 multipurpose attachment (also sold separately)
- Extension for stand-up driving
- Choice of DeWalt® or Makita® screwdriver motors
- Screw quiver for keeping screws at your fingertips
- Rugged tool case to protect your equipment

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| Drive These Collated Screws              |        |  |        |
|--|--------|--|--------|
|  |        |  |        |
| Strong-Drive® WSV Subfloor screw         | p. 229 | Bugle-Head Wood screw                    | p. 222 |
| Deck-Drive™ DCU Composite screw          | p. 226 | WSC Wood screw                           | p. 234 |
| Deck-Drive DWP Wood SS screw             | p. 219 | WSFLRV Wood-to-CFS/Aluminum screw        | p. 247 |
| Deck-Drive DHPD Hardwood Decking screw   | p. 220 | WSHL Subfloor screw                      | p. 231 |
| Deck-Drive DCSD Composite-to-Steel screw | p. 228 | Strong-Drive PPHD Sheathing-to-CFS screw | p. 239 |
| Trim-Head screw — Type-17 point          | p. 222 | MTH Wood Underlayment screw              | p. 232 |
| Trim-Head screw — sharp point            | p. 221 | CBSDQ Sheathing-to-CFS screw             | p. 244 |

| System Options                     | Model No.   |
|------------------------------------|-------------|
| DeWalt 2,500 rpm screwdriver motor | PROCCS+D25K |
| Makita 2,500 rpm screwdriver motor | PROCCS+M25K |
| Parts                              | Model No.   |
| PRO300S attachment only            | QDPRO300SG2 |
| PRO200S attachment only            | QDPRO200SG2 |
| Replacement attachment mandrel     | PMANDREL75  |
| Replacement extension              | QDEXTG2     |

For more information on screwdriver motors and RPM recommendations per application, see pp. 204–206.

Quik Drive® Systems

# Drywall | Fiberglass-Mat Gypsum

## PRO200G2 Drywall System



Smooth nose will not mar drywall surface

Precise, self-locking depth adjustment for consistent dimples

### Applications: Drywall to wood or steel

- Compact body for reduced weight and easy handling
- Slim profile allows driving in corners
- Smooth nosepiece will not mar drywall surface
- Patented curved collation strips (US Patent 7,051,875) hold the screws up and away from the work surface, making moving and positioning the tool easier. They are also pointed on the inserted end to simplify loading.

*Limited lifetime warranty on attachment and extension, one-year limited warranty on screwdriver motors (see specific manufacturer's warranty for more information)*



### The PRO200G2 system includes:

- PRO200G2 drywall attachment
- Extension for stand-up driving
- Choice of Makita® or DeWalt® screwdriver motors
- Screw quiver for keeping screws at your fingertips
- Rugged tool case to protect your equipment

*For longer drywall screws (2 1/4"), see the PRO250DWG2 attachment on p. 191.*

PRO200G2 drywall attachment tool is also sold separately. See parts table below.

| Drive These Collated Screws |        |
|-----------------------------|--------|
|                             |        |
| DWC Drywall screw           | p. 231 |
| DWHL Drywall screw          | p. 232 |
| DWF Drywall-to-CFS screw    | p. 244 |
| DWFSD Drywall-to-CFS screw  | p. 245 |

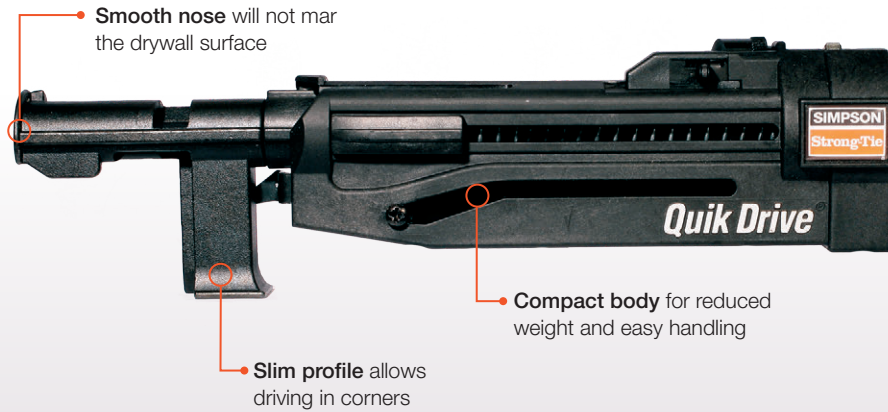
| System Options                     | Model No.    |
|------------------------------------|--------------|
| DeWalt 2,500 rpm screwdriver motor | PRO200G2D25K |
| Makita 2,500 rpm screwdriver motor | PRO200G2M25K |
| Parts                              | Model No.    |
| Attachment only                    | QDPRO200G2   |
| Replacement attachment mandrel     | PMANDREL65   |

For more information on screwdriver motors and RPM recommendations per application, see pp. 204–206.



# Drywall | Fiberglass-Mat Gypsum

## PRO250DWG2 Drywall Attachment



**Applications:** Fasten drywall to wood or steel

*Limited lifetime warranty on attachment and extension, one-year limited warranty on screwdriver motors (see specific manufacturer's warranty for more information)*

| Drive These Collated Screws |        |
|-----------------------------|--------|
|                             |        |
| DWC Drywall screw           | p. 231 |
| DWHL Drywall-to-CFS screw   | p. 232 |
| DWFSD Drywall-to-CFS screw  | p. 245 |

| Parts               | Model No.    |
|---------------------|--------------|
| Attachment only     | QDPRO250DWG2 |
| Replacement mandrel | PMANDREL75   |

# Tile Roofing

## PRORFG2 Roofing Tile System



**Visibility window**  
allows precise  
visual placement  
of screws

**Applications:** Roofing tiles to wood

- Precision depth settings prevent tile breakage
- Window in guide tube provides visibility to allow exact screw placement
- Drives fasteners meeting code requirements

*Limited lifetime warranty on attachment and extension, one-year limited warranty on screwdriver motors (see specific manufacturer's warranty for more information)*



**The PRORFG2 system includes:**

- PRORFG2 roofing tile attachment
- Screw quiver for keeping screws at your fingertips
- Rugged tool case to protect your equipment

PRORFG2 roofing tile attachment tool is also sold separately. See parts table below.

| Drive These Collated Screws |        |
|-----------------------------|--------|
|                             |        |
| WSCT Roofing Tile screw     | p. 225 |
| SSWSCB Roofing Tile screw   | p. 224 |
| WSTD Roofing Tile screw     | p. 225 |

| System Options                     | Model No.   |
|------------------------------------|-------------|
| Makita 3,500 rpm screwdriver motor | PRORFG2M35K |
| Parts                              | Model No.   |
| Attachment only                    | QDPRORFG2   |
| Replacement attachment mandrel     | PMANDREL75  |

For more information on screwdriver motors and RPM recommendations per application, see pp. 204-206.

# Tile Roofing

## PRO300SRFG2 Roofing Tile System



**Visibility window**  
allows precise  
visual placement  
of screws

### Applications: Roofing tiles to wood

- Precision depth settings prevent tile breakage
- Window in guide tube provides visibility to allow exact screw placement
- Drives fasteners meeting code requirements
- The patented curved collation strips (US Patent 7,051,875) hold the screws up and away from the work surface, making moving and positioning the tool easier; they are also pointed on the inserted end to simplify loading

*Limited lifetime warranty on attachment and extension, one-year limited warranty on screwdriver motors (see specific manufacturer's warranty for more information)*



### The PRO300SRFG2 system includes:

- PRO300SRFG2 roofing tile attachment
- Choice of Makita® screwdriver motors
- Screw quiver for keeping screws at your fingertips
- Rugged tool case to protect your equipment

PRO300SRFG2 roofing tile attachment tool is also sold separately. See parts table below.

| Drive These Collated Screws |        |
|-----------------------------|--------|
|                             |        |
| WSCT Roofing Tile screw     | p. 225 |
| SSWSCB Roofing Tile screw   | p. 224 |
| WSTD Roofing Tile screw     | p. 225 |

| System Options                     | Model No.       |
|------------------------------------|-----------------|
| Makita 2,500 rpm screwdriver motor | PRO300SRFG2M25K |
| Makita 3,500 rpm screwdriver motor | PRO300SRFG2M35K |
| Parts                              | Model No.       |
| Attachment only                    | QDPRO300SRFG2   |
| Replacement attachment mandrel     | PMANDREL75      |

For more information on screwdriver motors and RPM recommendations per application, see pp. 204–206.

# PROHSD60M Wood-to-Steel Tool



**Applications:** Truck beds and trailer flooring to steel; wood nailers to structural steel

- For 1¾" (45 mm) to 2¾" (60 mm) collated fasteners
- Compact body for reduced weight and easy handling
- Expanded depth settings for high-density flooring materials
- Larger nosepiece for increased stabilization
- Optional detachable foot step accessory (TFSTEP) enables added force to be applied while driving through steel (sold separately)
- Collated strips are pointed on the inserted end to simplify loading

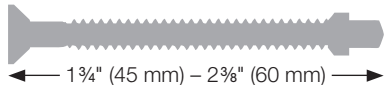
*Limited lifetime warranty on attachment and extension, one-year limited warranty on screwdriver motors (see specific manufacturer's warranty for more information)*



**Optional Foot Step (TFSTEP)**

- Black anodized aluminum
- Allows for additional pressure to be applied when driving into steel
- Fits Simpson Strong-Tie G2 and G3 extensions

PROHSD60M foot step accessory tool is sold separately. See parts table below.

| Drive These Collated Screws  |        |
|--|--------|
|  <p>← 1¾" (45 mm) – 2¾" (60 mm) →</p> |        |
| Strong-Drive® TF Wood-to-Steel screw   | p. 236 |
| Strong-Drive TB Wood-to-Steel screw  | p. 235 |

| Parts                          | Model No.  |
|--------------------------------|------------|
| Attachment only                | QDHSD60M   |
| Replacement attachment mandrel | PMANDREL75 |
| Foot step accessory            | TFSTEP     |
| Lightweight Extension — 20"    | QDEXTG3-20 |
| Extension — 20"                | QDEXTG2-20 |



# PROHSD75M Wood-to-Steel Tool



PROHSD75M with extension and foot step

**Applications:** Truck beds and trailer flooring to steel; wood nailers to structural steel

- For 3" (75 mm) collated fasteners
- Compact body for reduced weight and easy handling
- Expanded depth settings for high-density flooring materials
- Larger nosepiece for increased stabilization
- Optional detachable foot step accessory (TFSTEP) enables added force to be applied while driving through steel (sold separately)
- Collated strips are pointed on the inserted end to simplify loading



*Limited lifetime warranty on attachment and extension, one-year limited warranty on screwdriver motors (see specific manufacturer's warranty for more information)*

**Optional Foot Step (TFSTEP)**

- Black anodized aluminum
- Allows for additional pressure to be applied when driving into steel
- Fits Simpson Strong-Tie G2 and G3 extensions

PROHSD75M foot step accessory tool is sold separately. See parts table below.

| Drive These Collated Screws          |        |
|--------------------------------------|--------|
| <p>3" (75 mm)</p>                    |        |
| Strong-Drive® TF Wood-to-Steel screw | p. 236 |
| Strong-Drive TB Wood-to-Steel screw  | p. 235 |

| Parts                          | Model No.  |
|--------------------------------|------------|
| Attachment only                | QDHS75M    |
| Replacement attachment mandrel | PMANDREL75 |
| Foot step accessory            | TFSTEP     |
| Lightweight Extension — 20"    | QDEXTG3-20 |
| Extension — 20"                | QDEXTG2-20 |

## PROHSD60 Wood-to-Steel Attachment

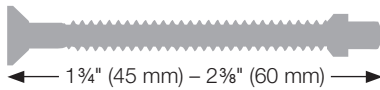


**Applications:** Truck beds and trailer flooring to steel;  
wood nailers to structural steel

- Slim profile allows driving in corners
- Compact body for reduced weight and easy handling

*Limited lifetime warranty on attachment and extension, one-year limited warranty on screwdriver motors (see specific manufacturer's warranty for more information)*

### Drive These Collated Screws



|                                      |        |
|--------------------------------------|--------|
| Strong-Drive® TF Wood-to-Steel screw | p. 236 |
| Strong-Drive TB Wood-to-Steel screw  | p. 235 |

| Parts                          | Model No.  |
|--------------------------------|------------|
| Attachment only                | QDHSD60    |
| Replacement attachment mandrel | PMANDREL75 |
| Foot step accessory            | TFSTEP     |
| Lightweight Extension — 20"    | QDEXTG3-20 |
| Extension — 20"                | QDEXTG2-20 |

## PROHSD75 Wood-to-Steel Attachment



**Applications:** Truck beds and trailer flooring to steel;  
wood nailers to structural steel

- Slim profile allows driving in corners
- Compact body for reduced weight and easy handling

*Limited lifetime warranty on attachment and extension, one-year limited warranty on screwdriver motors (see specific manufacturer's warranty for more information)*

| Drive These Collated Screws          |        |
|--------------------------------------|--------|
|                                      |        |
| Strong-Drive® TF Wood-to-Steel screw | p. 236 |
| Strong-Drive TB Wood-to-Steel screw  | p. 235 |

| Parts                          | Model No.  |
|--------------------------------|------------|
| Attachment only                | QDHSD75    |
| Replacement attachment mandrel | PMANDREL75 |
| Foot step accessory            | TFSTEP     |
| Lightweight Extension — 20"    | QDEXTG3-20 |
| Extension — 20"                | QDEXTG2-20 |

# Steel Decking / Stitching

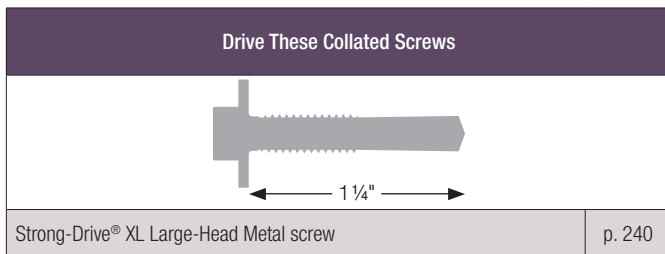
## BSD200G2 Structural Steel-Decking Attachment



**Applications:** Steel decking and stitching; fastening for cold-formed steel; wide-valley nestable deck to structural steel members

- Belt collation enables auto-feed fastening of screws (US Patents 8,240,232 and 8,635,933)
- Profile guide on nosepiece ensures uniform screw placement
- Optional extension enables stand-up fastening
- Depth control prevents overdriving
- Designed to eliminate skipped screws, reducing screw waste (patent pending)

*Limited lifetime warranty on attachment and extension, one-year limited warranty on screwdriver motors (see specific manufacturer's warranty for more information)*



| Parts                                  | Model No.        |
|--|------------------|
| Attachment only                        | QDBSD200G2       |
| Replacement 5/16" hex bit              | BITHEXLB516LG    |
| Replacement extension                  | QDEXTG2-16       |
| Replacement mandrel with 5/16" hex bit | BPHXLBGGP516G2   |
| Replacement extension and mandrel      | PMANDRELEXTG2-16 |

For more information on screwdriver motors and RPM recommendations per application, see pp. 204–206.



# Steel Decking / Stitching

## PROSDX150G2 Steel-Decking System



**Innovative Precision Placement™** nosepiece for accurate driving and accurate location

**Applications:** Steel deck fastening to structural steel members; narrow-valley nestable and interlocking steel decking; side-lap stitching

- Features a Precision Placement nosepiece for accurate driving
- One system for fastening steel decking to cold-formed steel members and steel stitching
- Designed for both the Strong-Drive® XM Medium-Head Metal screw and Strong-Drive Self-Drilling X Metal screws
- US Patent 8,356,534

*Limited lifetime warranty on attachment and extension, one-year limited warranty on screwdriver motors (see specific manufacturer's warranty for more information)*



### The PROSDX150G2 system includes:

- PROSDX150G2 steel decking attachment
- Extension for stand-up driving
- DeWalt® screwdriver motor with adjustable torque
- Screw quiver for keeping screws at your fingertips

PROSDX150G2 steel decking attachment tool is also sold separately. See parts table below.

| Drive These Collated Screws |        |
|-----------------------------|--------|
|                             | p. 241 |
|                             | p. 242 |

| System Options                             | Model No.       |
|--|-----------------|
| DeWalt 2,000 rpm adjustable torque motor   | PROSDX150G2DATK |
| Parts                                      | Model No.       |
| Attachment only                            | QDPROSDX150G2   |
| Replacement extension                      | QDEXTG2-16      |
| Replacement 5/16" hex bit                  | BITHEXLB516LG   |
| Replacement hex mandrel with 5/16" hex bit | BPHXLBSDG2      |
| Replacement extension and mandrel          | PMANDREEXTG2-16 |

For more information on screwdriver motors and RPM recommendations per application, see pp. 204–206. System includes mandrels for driving recessed and 5/16" hex bits.

# Sheathing Wood to Metal

## BGP300 Sheathing System



**Applications:** Fastening wood to metal, such as on pontoon boats

- Patented belt collation enables auto-feed fastening of screws integrated with large diameter washer heads
- Profile guide on nosepiece ensures uniform screw placement
- Extension enables stand-up driving
- Depth control prevents overdriving
- Designed to eliminate skipped screws, reducing waste

*Limited lifetime warranty on attachment and extension, one-year limited warranty on screwdriver motors (see specific manufacturer's warranty for more information)*



**The BGP300 system includes:**

- BGP300 attachment
- Driver bits
- 16" extension for stand-up driving
- Belt hook fastener-strip holder
- Rugged tool case to protect your equipment on the jobsite

*The BGP300 does not include a screwdriver motor.*

Quik Drive® Systems

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| Drive These Collated Screws     |        |
|---------------------------------|--------|
|                                 |        |
| SSPCSD Sheathing-to-Metal Screw | p. 238 |

| System   | Model No.      |
|--|----------------|
| Attachment, 16" extension, (1) flat profile guide, (1) AG panel / 3/4" rib profile guide | QDBGP300G2K    |
| Parts  | Model No.      |
| Replacement attachment mandrel with 1/4" hex bit   | BPHXLBBGP14G2  |
| Replacement attachment mandrel with 5/16" hex bit  | BPHXLBBGP516G2 |

For more information on screwdriver motors and RPM recommendations per application, see pp. 204–206.

# Standing-Seam Metal Roofing

## PROPP150G2 Metal Roofing Attachment



**Applications:** Panel clips for standing-seam roofing, stitching to steel decking, panel flanges for snap-and-seam metal roofing

- Innovative Precision Placement nosepiece allows for easy location of the holes in standing-seam metal roofing clips
- Auto-feed mechanism provides hands-free screw advancement, eliminating handling of individual screws, cutting installation time in half
- Screws available in three head styles with two levels of corrosion resistance

*Limited lifetime warranty on attachment and extension, one-year limited warranty on screwdriver motors (see specific manufacturer's warranty for more information)*

| Drive These Collated Screws |        |
|-----------------------------|--------|
|                             | p. 233 |
|                             | p. 242 |
|                             | p. 237 |

| Parts                           | Model No.    |
|---------------------------------|--------------|
| Attachment only                 | QDPROPP150G2 |
| Replacement attachment mandrel  | PMANDREL10   |
| Replacement hex bit and mandrel | BPHXLBPPG2   |

# Steel to Steel

## PROHX516G2 Steel-to-Steel Fastening Attachment



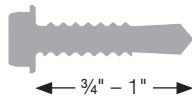
**Applications:** Cold-formed steel framing, steel decking to structural steel members

**Features:**

- Compact body for reduced weight and easy handling
- Slim profile allows driving in corners
- Tough reliability for targeted applications

*Limited lifetime warranty on attachment and extension, one-year limited warranty on screwdriver motors (see specific manufacturer's warranty for more information)*

**Drive These Collated Screws**



Strong-Drive® Self-Drilling X Metal screw

p. 242

| Parts               | Model No.    |
|---------------------|--------------|
| Attachment only     | QDPROHX516G2 |
| Replacement mandrel | BPHX516G2    |



# Steel to Steel

## PROPHG2 Cold-Formed Steel Framing Attachment



**Applications:** Fasten cold-formed steel framing

**Features:**

- Compact body for reduced weight and easy handling
- Slim profile allows driving in corners
- Tough reliability for targeted applications

*Limited lifetime warranty on attachment and extension, one-year limited warranty on screwdriver motors (see specific manufacturer's warranty for more information)*

| Drive These Collated Screws             |        |
|---|--------|
|   |        |
| Strong-Drive FPHSD Framing-to-CFS screw | p. 237 |
| Strong-Drive PHSD Framing-to-CFS screw  | p. 237 |






| Description         | Model No.    |
|---------------------|--------------|
| Attachment only     | QDPROPHG2    |
| Replacement mandrel | PMANDREL65   |
| Noseguard           | PNOSEGUARD-5 |

# Quik Drive® — Screwdriver Motors

## Quik Drive Systems Are Available with a Variety of Screwdriver Motors

The information below will aid in the selection of the right tool for the intended application. Not all motors are available with all systems; reference the appropriate systems page for available options.

### Screwdriver Motors Sold in Quik Drive Systems

|   |   |   |   |   |   |
|---|---|---|---|---|---|
|   |  |  |  |  |  |
| <b>Description*</b>                               | DeWalt®<br>2,000 rpm<br>Two 5 AH batteries<br>20V cordless driver motor           | DeWalt<br>2,000 rpm<br>6.5 amp<br>164 in./lb. peak torque*                        | DeWalt<br>2,500 rpm<br>6.5 amp<br>132 in./lb. torque*                             | Makita®<br>2,500 rpm<br>6.5 amp<br>133 in./lb. torque*                              | Makita<br>3,500 rpm<br>6.5 amp<br>107 in./lb. peak torque*                          |
| <b>Features</b>                                   | Compact motor   | Adjustable torque   | Multi-application versatility   | Multi-application versatility   | Increased speed for low-torque applications   |
| <b>Motor with Quik Drive Adaptor Model Number</b> | DCF624M2G2  | DW267QD   | DW276QD   | MAFS2500  | MAFS3500  |

### Available in these Quik Drive Systems

|                    |               |                 |              |                 |                 |
|--------------------|---------------|-----------------|--------------|-----------------|-----------------|
| PRO200G2           | —             | —               | PRO200SD25K  | PRO200G2M25K    | —               |
| Cordless PRO250G2  | PRO250G2DC2K  | —               | —            | —               | —               |
| PRO250G2           | —             | —               | PRO250G2D25K | PRO250G2M25K    | PRO250G2M35K    |
| PROCCS+            | PROCCS+DC2K   | —               | PROCCS+D25K  | PROCCS+M25K     | —               |
| PROLDHG2           | —             | —               | —            | PROLDHG2M25K    | —               |
| PROPP150G2         | —             | —               | —            | —               | —               |
| PROSDX150G2        | —             | PROSDX150G2DATK | —            | —               | —               |
| BSD200G2           | —             | —               | —            | —               | —               |
| PRORFG2            | —             | —               | —            | —               | PRORFG2M35K     |
| PROSDD             | —             | —               | PROSDD25K    | PROSDDM25K      | PROSDDM35K      |
| PRO300SRFG2        | —             | —               | —            | PRO300SRFG2M25K | PRO300SRFG2M35K |
| Cordless PRO300SG2 | PRO300SG2DC2K | —               | —            | —               | —               |
| PRO300SG2          | —             | —               | PRO300SD25K  | PRO300SM25K     | PRO300SM35K     |
| PROHSD60/PROHSD60M | —             | —               | —            | —               | —               |
| PROHSD75/PROHSD75M | —             | —               | —            | —               | —               |
| Cordless PRO200SG2 | PRO200SG2C2K  | —               | —            | —               | —               |
| PRO200SG2          | —             | —               | PRO200SD25K  | —               | —               |

\*This information provided by screwdriver motor manufacturers. All screwdriver motors may also be purchased separately using the tool model number.

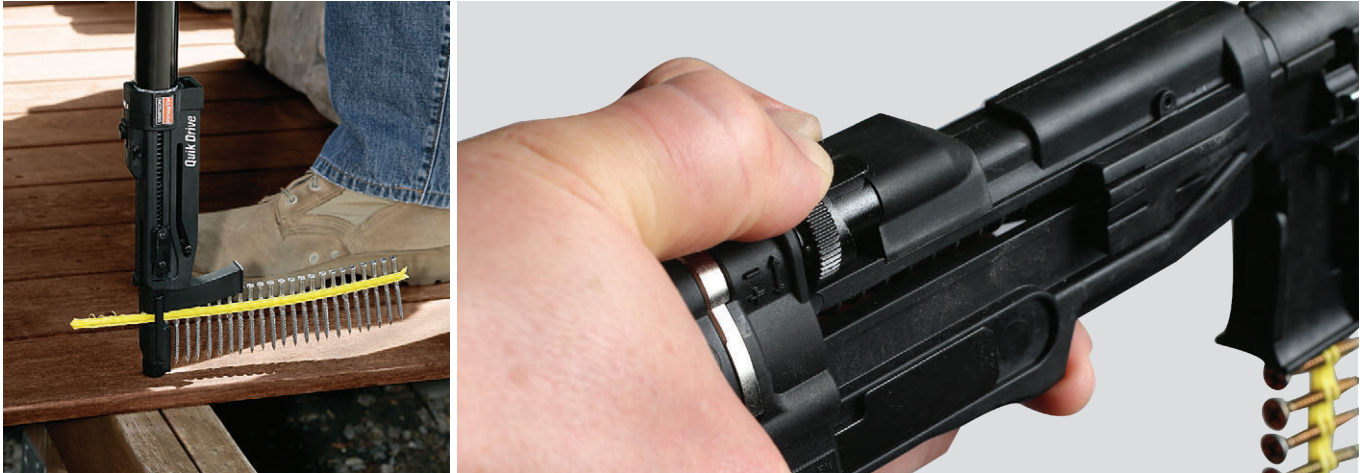
# Quik Drive® — Screwdriver Motors

## Screwdriver Motors — Sold Separately

This tool is not available in a system and must be ordered separately.

|                          |   |   |  |   |   |
|--------------------------|---|---|--|---|---|
|                          |  |  |  |  |  |
| <b>Description</b>       | DeWalt®<br>1,000 rpm  | DeWalt<br>2,000 rpm   | Makita®<br>4,000 rpm<br>6 amps   | DeWalt<br>4,400 rpm   | Makita<br>6,000 rpm<br>6.0 amps   |
| <b>Features</b>          | Brushless, cordless screwdriver motor, adjustable torque                          | Brushless, cordless screwdriver motor   | Increased speed for low-torque applications  | Brushless, cordless screwdriver motor   | Maximum speed for drywall applications  |
| <b>Tool Model Number</b> | DW269QD   | DCF624M2G2  | MAFS4200   | DCF620D2G2  | MAFS6200  |

## Quik Drive® — Auto-Feed Screw Driving Systems



### Quik Drive Adjustable Countersink Feature

The adjustable countersink on Quik Drive auto-feed attachments allows the user to dial-in fastener penetration to match the material and application. Once the countersink depth is set, the driver bit automatically disengages from the head of the screw when the desired penetration is achieved, preventing overdriving. Screws can be driven to the right depth every time without the user having to slow down to check each fastener, making for faster work and more consistent results.

#### Some things to consider when using the countersink feature:

- Test and adjust the countersink depth using a scrap piece of lumber.
- Stainless-steel screws are softer than carbon steel screws. Therefore, care should be taken to set the countersink adjustment wheel to a drive depth that will not overdrive the screw during installation. Overdriving stainless-steel screws can cause breakage.
- For more information, visit [strongtie.com/quikdrivevideos](http://strongtie.com/quikdrivevideos).

### Screwdriver Motor RPM Recommendations

Simpson Strong-Tie offers a large selection of screwdriver motors for Quik Drive auto-feed screw driving systems. It is important to select a motor with rpm specifications that suit the intended application(s) to ensure the best results. See the full selection of screwdriver motors on pp. 204–205.

#### Screwdriver Motor RPM Recommendations per Application

| Applications                    | 4,400 rpm Cordless | 2,000 rpm Cordless | 6,000 rpm | 4,000 rpm | 3,500 rpm | 2,500 rpm | 2,000 rpm Adjustable Torque | 1,000 rpm |
|---------------------------------|--------------------|--------------------|-----------|-----------|-----------|-----------|-----------------------------|-----------|
| Subfloor and Sheathing          | —                  | Good               | —         | —         | Best      | Better    | —                           | —         |
| Decks/Docks                     | —                  | Good               | —         | —         | Better    | Best      | —                           | —         |
| Drywall                         | Best               | —                  | Better    | Best      | Better    | —         | —                           | —         |
| Fiberglass-Mat Gypsum Sheathing | Good               | Good               | Better    | Good      | Better    | Good      | —                           | —         |
| Fiber-Cement Siding             | —                  | Good               | —         | —         | Good      | Best      | —                           | —         |
| Tile Roofing                    | Best               | Good               | —         | Good      | Better    | Best      | —                           | —         |
| Metal Roofing and Siding        | —                  | Good               | —         | —         | Better    | Best      | —                           | —         |
| Steel Framing                   | —                  | Good               | —         | —         | Good      | Best      | Good                        | —         |
| Steel Decking                   | —                  | Good               | —         | —         | —         | —         | Best                        | —         |
| Steel Stitching                 | —                  | Good               | —         | —         | —         | Good      | Best                        | —         |
| Underlayment                    | —                  | Good               | —         | —         | Better    | Best      | —                           | —         |
| Truck and Trailer Beds          | —                  | —                  | —         | —         | —         | —         | —                           | Best      |
| Remodeling and General Purpose  | —                  | Good               | —         | —         | Better    | Best      | —                           | —         |



# Quik Drive® — Adapters

## Adapters for Most Popular Screwdriver Motors

| Screwgun               | QD Adapter |
|------------------------|------------|
| <b>DeWalt®</b>         |            |
| 254                    | DWAG2      |
| 255                    | DWAG2      |
| 257                    | DWAG2      |
| 260                    | DWAG2      |
| 265                    | DWAG2      |
| 266                    | DWAG2      |
| 267                    | DWA3G2     |
| 268                    | DWA3G2     |
| 272                    | DWAG2      |
| 274                    | DWAG2      |
| 275                    | DWAG2      |
| 276                    | DWAG2      |
| 277                    | DWAG2      |
| 281                    | DWAG2      |
| 284                    | DWAG2      |
| DCF620 (cordless)      | DWA8G2     |
| DCF622 (cordless)      | DWA3G2     |
| DCF624 (cordless)      | DWA9G2     |
| DC825 (cordless)       | DWA2G2     |
| 825 (cordless)         | DWAG2      |
| 827 (cordless)         | DWAG2      |
| 835 (cordless)         | DWAG2      |
| 845 (cordless)         | DWAG2      |
| 855 (cordless)         | DWAG2      |
| DCF885 (cordless)      | DWA6G2     |
| DCF886 (cordless)      | DWA6G2     |
| DCF887                 | DWA6G2     |
| 969 (cordless)         | DWA3G2     |
| <b>Hilti®</b>          |            |
| ST 18                  | HT18G2     |
| ST 1800-A18 (cordless) | HT18G2     |
| <b>Makita®</b>         |            |
| FS2200                 | MAA3G2     |
| FS2500                 | MAA3G2     |
| FS4200                 | MAA3G2     |
| FS6200                 | MAA3G2     |
| LXSF01 (cordless)      | MAA3G2     |
| BTD140 (cordless)      | MAA1G2     |
| BTD141 (cordless)      | MAA1G2     |
| BTD144 (cordless)      | MAA1G2     |
| BTD142HW (cordless)    | MAA1G2     |
| LXDT04 (cordless)      | MAA6G2     |
| XSF03                  | MAA3G2     |

| Screwgun          | QD Adapter |
|-------------------|------------|
| <b>Hitachi®</b>   |            |
| W6VM              | HIAG2      |
| W6V3              | HIAG2      |
| W6V4              | HIAG2      |
| W6VA4             | HIAG2      |
| W6VB2             | HIAG2      |
| W6VB3             | HIAG2      |
| W8VB              | HIAG2      |
| W8VB2             | HIAG2      |
| <b>Milwaukee®</b> |            |
| 6701-20           | MIAG2      |
| 6702-20           | MIAG2      |
| 6707-20           | MIAG2      |
| 6708-21           | MIAG2      |
| 6740-20           | MIAG2      |
| 6741-1            | MIAG2      |
| 6742-20           | MIAG2      |
| 6743-20           | MIAG2      |
| 6743-50           | MIAG2      |
| 6743-55           | MIAG2      |
| 6745-1            | MIAG2      |
| 6746-1            | MIAG2      |
| 6755-4            | MIAG2      |
| 6758              | MIAG2      |
| 6760              | MIAG2      |
| 6790-1            | MIAG2      |
| 6790-20           | MIAG2      |
| 6791-20           | MIAG2      |
| 2653              | MIA1G2     |

## Quik Drive — Swivel Adapters

- Rotates 360° without having to detach the tool from motor
- Allows the use of one hand to rotate tool
- Easily rotate screws out of the way for corner applications
- Swivel adapters are only intended to be used in drywall applications

| Screwgun          | QD Adapter    |
|-------------------|---------------|
| <b>DeWalt</b>     | <b>Swivel</b> |
| 252               | DWASWG2       |
| 254               | DWASWG2       |
| 255               | DWASWG2       |
| 257               | DWASWG2       |
| 260               | DWASWG2       |
| 265               | DWASWG2       |
| 266               | DWASWG2       |
| 267               | DWASWG2       |
| 268               | DWASWG2       |
| 272               | DWASWG2       |
| 274               | DWASWG2       |
| 275               | DWASWG2       |
| 277               | DWASWG2       |
| 276               | DWASWG2       |
| 281               | DWASWG2       |
| 284               | DWASWG2       |
| DCF620 (cordless) | DWA7G2        |
| <b>Hilti</b>      | <b>Swivel</b> |
| SD4500            | HTASWG2       |
| <b>Makita</b>     | <b>Swivel</b> |
| XSF03             | MAA7G2        |

# Quik Drive® — Replacement Parts

| Part   | Model No.       |
|--|-----------------|
| Bit key for Quik Drive tools                                       | BITKEY          |
| Bit pack — 3 ea. Phillips-drive bit                                | BIT2P-RC3       |
| Bit pack — 3 ea. #2 square-drive bit                               | BIT2S-RC3       |
| Bit pack — 3 ea. #2 undersize square-drive bit                     | BIT2SU-RC3      |
| Bit pack — 3 ea. #3 square drive                                   | BIT3S-RC3       |
| Bit pack — 3 ea. #3 undersize square drive                         | BIT3SU-RC3      |
| Bit pack — 10 ea. #2 Phillips-drive bit                            | BIT2P-RC10      |
| Bit pack — 10 ea. #2 square-drive bit                              | BIT2S-RC10      |
| Bit pack — 10 ea. #2 undersize square-drive bit                    | BIT2SU-RC10     |
| Bit pack — 10 ea. #3 square-drive bit                              | BIT3S-RC10      |
| Bit pack — 10 ea. #3 undersize square-drive bit                    | BIT3SU-RC10     |
| Bit pack — 10 ea. T20 6-lobe drive bit                             | BITTX20-RC10    |
| Bit pack — 3 ea. T20 6-lobe drive bit                              | BITTX20-RC3     |
| Bit pack — 10 ea. T25 6-lobe drive bit                             | BITTX25-RC10    |
| Bit pack — 3 ea. T25 6-lobe drive bit                              | BITTX25-RC3     |
| Bit pack — 10 ea. T30 6-lobe drive bit                             | BITTX30-RC10    |
| Bit pack — 3 ea. T30 6-lobe drive bit                              | BITTX30-RC3     |
| Driver bit, lobular, hex, 5/16" for BSD200                         | BITHEXLB516LG   |
| Quik Drive Screw Plug bit for countersinking — 3 pack              | BITTX20-PL-RC3  |
| Quik Drive Screw Plug bit for countersinking — 10 pack             | BITTX20-PL-RC10 |
| Leafspring, HX516, PH, LDH, PROPP150, PROSDX150 attachments        | QDLEAFSPRING2   |
| Driver bit, lobular, hex 5/16" for PROSDX150                       | BITHEXLB516LG   |
| Mandrel, 6 1/2"  | PMANDREL65-RC   |
| Mandrel, 7 1/2"  | PMANDREL75-RC   |
| Mandrel, 10"   | PMANDREL10      |
| Mandrel, 5/16" hex with driver bit for PROPP150 series attachment  | BPHXLBPPG2      |
| Mandrel, HX516 attachment, with 5/16" driver bit                   | BPHX516G2       |
| Mandrel, 5/16" hex with driver bit for PROSDX150 series attachment | BPHXLBSDG2      |
| Mandrel, 5/16" hex driver bit for BSD200                           | BPHXLBGGP516G2  |



BIT3S-RC10



QDLEAFSPRING2








PMANDREL75-RC

# Quik Drive® — Replacement Parts

## Drive Types and Replacement Driver Bits

It is necessary to use the right driver bit to ensure optimum results with a Quik Drive system. The bit(s) included in each box of Quik Drive screws should be sufficient to drive the entire box, however, variations in materials and driving techniques can shorten driver-bit life. Replacement bits are available in Bit Packs; reference the label on the bit included in the box or the box label to ensure correct driver-bit selection (see table on p. 208 for Bit Pack quantities and model numbers).

| Drive Type/Size   | Bit   | Description  |
|---|---|--|
|  #2 square drive           |    | BIT2S — for most screws with #2 recess and interior grade coating  |
|  #2U (#2 undersized)       |    | BIT2SU — for most screws with #2 recess and exterior grade coating |
|  #3 square drive           |    | BIT3S — for most screws with #3 recess and interior grade coating  |
|  #3U (#3 undersized)       |    | BIT3SU — for most screws with #3 recess and exterior grade coating |
|  #2 Phillips             |  | BIT2P — for Quik Drive screws with Phillips recess                 |
|  5/16" lobular hex drive |  | BITHEXLB516 — for most screws with 5/16" lobular hex drive         |
|  T20 6-lobe              |  | BITTX20 — for Quik Drive systems with T20 6-lobe drive             |
|  T20 6-lobe              |  | BITTX20-PL — for DCU Screw Plug                                    |
|  T25 6-lobe              |  | BITTX25 — for Quik Drive systems with T25 6-lobe drive             |
|  T30 6-lobe              |  | BITTX30 — for Quik Drive systems with T30 6-lobe drive             |
|  #3 Phillips             |  | BIT3P — for Quik Drive screws requiring #3 Phillips recess         |

# Quik Drive® — Accessories

| Accessories  | Model No.   |
|--|-------------|
| Feed pawl, twist lock for SDS, PRO200 attachments  | PFEEDPAWLTL |
| Feed pawl, PROHX, PROPH, PROLDH, PROPP attachments | PFEEDPAWL2  |
| Feed pawl, PROHSD attachments                      | PFEEDPAWL3  |
| Feed pawl, PROSDX150 attachment                    | PFEEDPAWL4  |
| Feed Pawl PROPP, PROPH attachments                 | PFEEDPAWL5  |
| Feed pawl, PRO250, PRO200S, PRO300S attachments    | PFEEDPAWL7  |

| Replacement Parts                                    | Model No.     |
|--|---------------|
| Case, PRO kits                                       | TOOLCASE-LG   |
| Deck clip, PRO300S, PRO200S, PRO250                  | QDDECKCLIP-RC |
| Extension, 16" (short), G2 series                    | QDEXTG2-16    |
| Extension, 20" (standard), G2 series                 | QDEXTG2       |
| Lightweight extension, G3 20"                        | QDEXTG3       |
| Lightweight extension, G3 16"                        | QDEXTG3-16    |
| Lightweight extension, G3 22"                        | QDEXTG3-22    |
| Extension replacement handle, G2 Series              | G2HANDLE      |
| Noseclip, PRO250, PRO200S, PRO300S attachments       | PNOSECLIP     |
| Noseguard, PROHX516 attachment                       | PNOSEGUARD-5  |
| Screw quiver, worn on belt, carries up to 500 screws | QUIVER        |
| Foot step  | TFSTEP        |
| Soft carry case                                      | QDTOOLBAG     |



Quik Drive G3 Lightweight Extension



QDEXTG2-16 (QDEXTG2 and QDEXTG2-22 similar)



PFEEDPAWL7



PNOSECLIP



QUIVER



QDDECKCLIP-RC

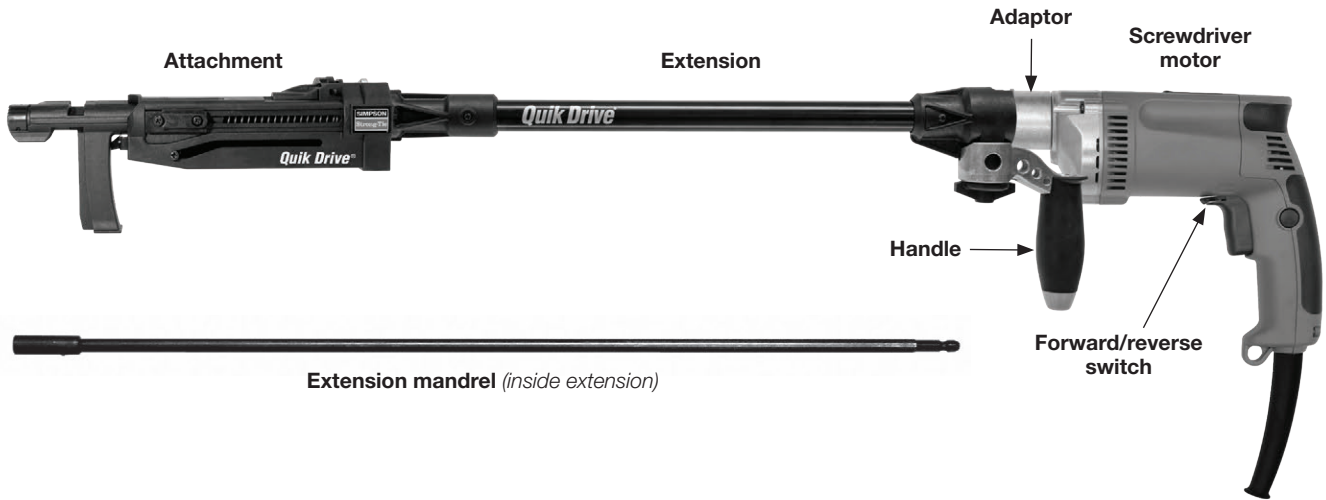


TFSTEP

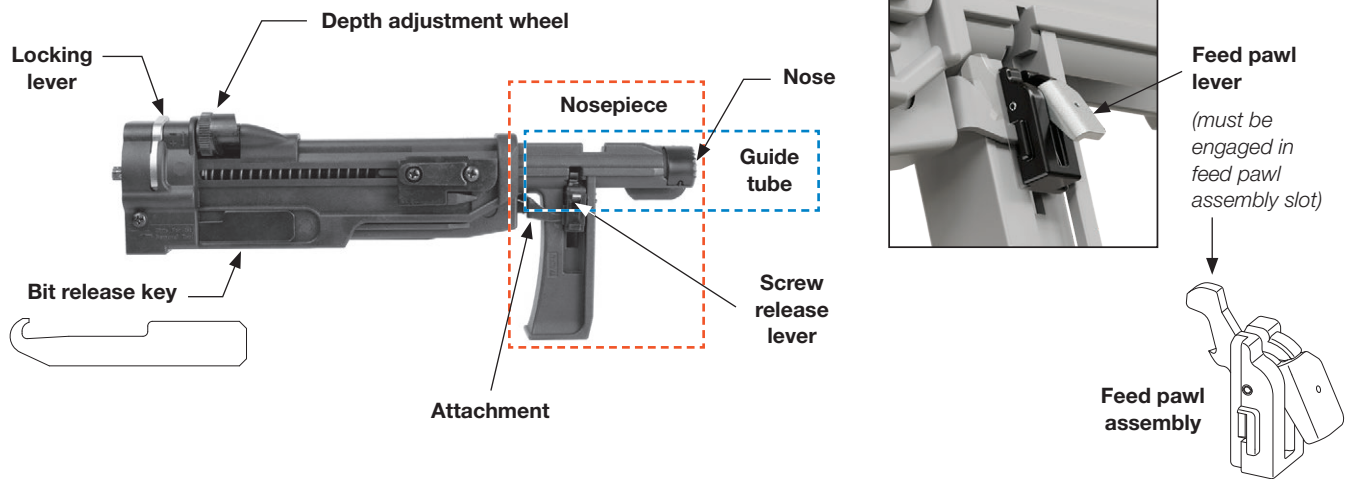


# Quik Drive® — System Components and Schematics

## System Components



## Schematics



**Part No.:**

**BPHX516G2** attachment: QDPROHX516G2

**BPHXLBPPG2** attachment: QDPROPP150G2

**PMANDREL10** attachment: QDPROPP150G2

**PMANDREL65** attachments: QDPRO200G2, QDPROLDHG2, QDPROPHG2

**PMANDREL75** attachments: QDPRO200SG2, QDPRO300SG2, QDPRORFG2, QDPRO300SRFG2, QDHSD60, QDHSD75

**BPHXLBSDG2** attachment: QDPROSDX150G2

# Quik Drive® — Troubleshooting

## Troubleshooting Guide

Simpson Strong-Tie Quik Drive tools are easy to use. As with any power tool, there are a few basic things to remember for best performance.

| Problem   | Solution   |
|---|--|
| <p>Screws won't drive.<br/>They spin for a second, then lay over on their side. Little or no penetration.</p> | <p>Make sure the screwdriver motor is not in reverse.</p>  |
| <p>Screws won't drive completely.<br/>They go down about halfway, then the bit spins out.</p>                 | <p>Check to be sure you are using the correct bit for the type of screws you are driving.<br/>Check for bit wear. It may be time to install a new bit.<br/>Push harder when driving.</p>   |
| <p>Screws won't drive completely.<br/>They are almost completely driven but won't countersink completely.</p> | <p>Check the depth adjustment on the attachment. Reset if necessary.<br/>You may have missed the substrate.<br/>Example: In flooring, this will occur if you miss the joist.</p>   |
| <p>Screws don't advance properly causing tool to jam.</p>   | <p>Use only Simpson Strong-Tie Quik Drive brand collated screws.<br/>Be sure the screw strip is inserted correctly — pointed end first.<br/>Lift the tool completely off the work surface after driving each screw.<br/>Don't drag screw strips on the work surface as you move to the next position.<br/>Be sure the feed pawl assembly is intact and feed lever is engaged.<br/>Avoid the use of wet or spray lubricants that may cause wood and drywall dust to accumulate.</p> |

## Quik Drive® – Warranty

### Limited Warranty on Quik Drive Tool

The following Limited Lifetime Warranty applies to all Quik Drive products (each a “Quik Drive Product”), and must be read in conjunction with the General Notes at [strongtie.com/products/fastening-systems/technical-notes/general-notes](https://strongtie.com/products/fastening-systems/technical-notes/general-notes), Terms and Conditions of Sale at [strongtie.com/information/terms-and-conditions](https://strongtie.com/information/terms-and-conditions), and Corrosion Resistance information contained in the current Fastening Systems catalog and at [strongtie.com/products/fastening-systems/technical-notes/corrosion-information/materials-and-coatings-for-fasteners](https://strongtie.com/products/fastening-systems/technical-notes/corrosion-information/materials-and-coatings-for-fasteners), along with any information provided with a Quik Drive Product at [strongtie.com/products/product-use-information](https://strongtie.com/products/product-use-information) and [strongtie.com/info](https://strongtie.com/info). The screwgun that is supplied with the Quik Drive Product is not manufactured by Simpson. As a result, the screwgun is exclusively warranted by the screwgun manufacturer and not by Simpson. Simpson does not warranty, and assumes no liability for the operation or functionality of, the screwgun. This Limited Lifetime Warranty is effective as of the date of any purchase. For all future purchases, please consult this page for current warranty information, as this page may be updated by Simpson from time to time.

Simpson warrants each Quik Drive Product, only to the original purchaser, to be free from substantial defects in materials, manufacturing and design for the lifetime of the Quik Drive Product, if properly stored, maintained and used. This Limited Lifetime Warranty does not cover normal wear and tear, as determined by Simpson in its absolute discretion, and is null and void with respect to: (a) any Quik Drive Product that was purchased from an unauthorized dealer, retailer or distributor, (b) any Quik Drive Product that was modified or altered, (c) any failure or defect caused by improper installation of any Quik Drive Product; (d) any Quik Drive Product that was improperly or inadequately serviced or maintained, (e) any Quik Drive Product that was subject to negligence or excessive or improper use, including

use in improper conditions, as determined by Simpson in its absolute discretion, or (f) any Quik Drive Product that was subject to any use not in accordance with the specifications in the Quik Drive catalog provided with the Quik Drive Product or provided on this website. If any Quik Drive Product fails to conform to this Limited Lifetime Warranty, original purchaser's sole and exclusive remedy is either the replacement or repair, at Simpson's election, of such Quik Drive Product. Original purchaser must return the Quik Drive Product to Simpson along with satisfactory proof of purchase, with return shipping prepaid by original purchaser. To obtain warranty service, go to [strongtie.com](https://strongtie.com) or contact Simpson promptly at (800) 999-5099. The repaired or replaced Quik Drive Product is warranted under the terms of this Limited Lifetime Warranty.

THE LIMITED WARRANTY HEREIN IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, AND, WHERE LAWFUL, SIMPSON DISCLAIMS ALL OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES ARISING FROM COURSE OF PERFORMANCE, COURSE OF DEALING OR TRADE USAGE. IN NO EVENT WILL SIMPSON BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR SPECIAL DAMAGES OR DIRECT OR INDIRECT LOSS OF ANY KIND, INCLUDING BUT NOT LIMITED TO PROPERTY DAMAGE AND PERSONAL INJURY. SIMPSON'S ENTIRE LIABILITY IS LIMITED TO THE PURCHASE PRICE OF THE DEFECTIVE QUIK DRIVE PRODUCT. SOME STATES DO NOT ALLOW LIMITATIONS ON IMPLIED WARRANTIES, OR THE EXCLUSION OR LIMITATION OF INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR SPECIAL DAMAGES, SO THE ABOVE LIMITATIONS AND EXCLUSIONS MAY NOT APPLY. THIS LIMITED WARRANTY GIVES SPECIFIC LEGAL RIGHTS. OTHER RIGHTS THAT VARY FROM STATE TO STATE MAY BE APPLICABLE.

### Additional Quik Drive Safety Warnings

- Keep work area clean and well lit.
- Do not operate Simpson Strong-Tie® Quik Drive tools in dangerous environments. Do not expose tools to rain or use them in damp or wet locations. The use of Quik Drive tools can create sparks. Do not use in the presence of flammable liquids, dust or gases.
- Keep bystanders, children and visitors away while operating a Quik Drive tool. Distractions can cause accidents and serious bodily injury.
- Dress properly when using a Quik Drive system. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, long hair or jewelry can be caught in moving parts and result in serious bodily injury. Be sure the power switch on a tool is in the off position before plugging in the tool. Do not carry tools with your finger on the switch.
- Keep proper footing and balance at all times.
- Always use safety equipment, such as protective glasses, dust masks, non-skid safety shoes, safety harnesses hard hats and/or earplugs.

#### Reduce Risk of Electrical-Related Accidents

- Guard against electrical shock. Prevent body contact with grounded surfaces.
- Never modify the tool power plug in any way. Always use a plug with a matching outlet. Use of proper, unmodified plugs and outlets reduces the risk of electric shock.
- Do not abuse the power cord. Never carry a tool by its cord or pull the cord to disconnect from an outlet or other receptacle. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cord immediately. Damaged cords increase the risk of electrical shock.
- When operating a tool outside, use extension cords suitable for outdoor use.

#### Personal Safety

- Stay alert. Do not use a Quik Drive system while tired or under the influence of drugs, alcohol or medication. Use common sense when operating the tool. Inattention while operating Quik Drive system may result in serious bodily injury.

#### Quik Drive Tool Use and Care

- Do not force the Quik Drive tool. Use the correct tool for the application.
- When not in use, Quik Drive systems should be stored in a dry place and out of the reach of children and other untrained persons.
- Disconnect the plug from power source before making adjustments, changing accessories or storing tool.
- Maintain Quik Drive tools with care. Follow instructions for changing accessories.
- Regularly check for misalignment or binding of moving parts and other conditions that may affect operation.
- Use only accessories recommended by Simpson Strong-Tie Company Inc.
- Any repairs to electric tools should be performed by qualified personnel. Use only authorized parts.
- Do not use wet or spray lubricants on any Quik Drive parts that may attract wood, metal or drywall dust.



**Consistent performance  
at every turn.**

Quik Drive® PRO300SG2  
Decking System

Deck-Drive™  
DSV WOOD Screw





# Collated Screws

## for the Quik Drive® System



Application/Fastener/Tool Matrix . . . . . 216

**Collated Exterior Screws**

Deck-Drive™ DSV WOOD Screw . . . . . 218  
 Deck-Drive DWP WOOD SS Screw . . . . . 219  
 Deck-Drive DHPD HARDWOOD Screw . . . . . 220  
 Trim-Head Screw — Sharp Point . . . . . 221  
 Trim-Head Screw — Type-17 Point . . . . . 222  
 Bugle-Head Wood Screw . . . . . 222  
 CB3BLG Fiber-Cement Board Screw . . . . . 223  
 CB3BLGHL Cement Board Screw . . . . . 223  
 SSWSCB Roofing Tile Screw . . . . . 224  
 WSCT Roofing Tile Screw . . . . . 225  
 WSTD Roofing Tile Screw . . . . . 225

**Collated Composite Decking Screws**

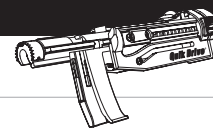
Deck-Drive DCU COMPOSITE Screw . . . . . 226  
 Deck-Drive DCSD COMPOSITE-TO-STEEL Screw . . . . . 228

**Collated Interior Screws**

Strong-Drive® WSV SUBFLOOR Screw . . . . . 229  
 WSHL Subfloor Screw . . . . . 231  
 DWC Drywall Screw . . . . . 231  
 DWHL Drywall Screw . . . . . 232  
 MTH Wood Underlayment Screw . . . . . 232  
 PC Screw . . . . . 233  
 WSC Wood Screw . . . . . 234  
 WSCLT Wood Screw . . . . . 234

**Collated Metal Screws**

Strong-Drive TB WOOD-TO-STEEL Screw . . . . . 235  
 Strong-Drive TF WOOD-TO-STEEL Screw . . . . . 236  
 Strong-Drive PHSD FRAMING-TO-CFS Screw . . . . . 237  
 Strong-Drive FPHSD FRAMING-TO-CFS Screw . . . . . 237  
 SSPCSD Sheathing-to-Metal Screw . . . . . 238  
 Strong-Drive PPHD SHEATHING-TO-CFS Screw . . . . . 239  
 Strong-Drive XL LARGE-HEAD METAL Screw . . . . . 240  
 Strong-Drive XM MEDIUM-HEAD METAL Screw . . . . . 241  
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 Steel-Deck Diaphragm Calculator . . . . . 243  
 CBSDQ Sheathing-to-CFS Screw . . . . . 244  
 DWF Drywall-to-CFS Screw . . . . . 244  
 DWFSD Drywall-to-CFS Screw . . . . . 245  
 FHSD Wood-to-CFS Screw . . . . . 246  
 WSFLRV Wood-to-CFS/Aluminum Screw . . . . . 247

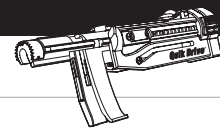


# Application / Fastener / Tool Matrix

| Application / Screw                 | Page | Suitable Systems/Attachments |          |           |         |             |          |
|-------------------------------------|------|------------------------------|----------|-----------|---------|-------------|----------|
|                                     |      | PR0200SG2                    | PR0250G2 | PR0300SG2 | PRORFG2 | PR0300SRFG2 | PROLDHG2 |
| <b>Deck/Dock</b>                    |      |                              |          |           |         |             |          |
| DCU234                              | 227  |                              |          | ✓         |         |             |          |
| DSVG212S                            | 218  |                              | ✓        | ✓         |         |             |          |
| DSVG3S                              | 218  |                              |          | ✓         |         |             |          |
| DSVR114S                            | 218  | ✓                            |          |           |         |             |          |
| DSVR158S                            | 218  | ✓                            | ✓        |           |         |             |          |
| DSVR2S                              | 218  | ✓                            | ✓        | ✓         |         |             |          |
| DSVR212S                            | 218  |                              | ✓        | ✓         |         |             |          |
| DSVR3S                              | 218  |                              |          | ✓         |         |             |          |
| DSVT114S                            | 218  | ✓                            |          |           |         |             |          |
| DSVT158S                            | 218  | ✓                            | ✓        |           |         |             |          |
| DSVT2S                              | 218  | ✓                            | ✓        | ✓         |         |             |          |
| DSVT212S                            | 218  |                              | ✓        | ✓         |         |             |          |
| DSVT3S                              | 218  |                              |          | ✓         |         |             |          |
| DTHQ2S                              | 222  | ✓                            | ✓        | ✓         |         |             |          |
| DTHQ212S                            | 222  |                              | ✓        | ✓         |         |             |          |
| DTHQ3S                              | 222  |                              |          | ✓         |         |             |          |
| HCKDSVT212S                         | 218  |                              | ✓        | ✓         |         |             |          |
| HCKDSVT2S                           | 218  |                              | ✓        | ✓         |         |             |          |
| SS3DSC212BS316                      | 222  |                              |          | ✓         |         |             |          |
| SS3DSC3BS                           | 222  |                              |          | ✓         |         |             |          |
| SS3DSC3BS316                        | 222  |                              |          | ✓         |         |             |          |
| SSDHPD212SB                         | 220  |                              |          | ✓         |         |             |          |
| SSDHPD212S                          | 220  |                              |          | ✓         |         |             |          |
| SSDTH2S                             | 221  | ✓                            | ✓        | ✓         |         |             |          |
| SSDTH212S                           | 221  |                              | ✓        |           |         |             |          |
| SSDTH3S                             | 221  |                              |          | ✓         |         |             |          |
| SSDWP212S305                        | 219  |                              |          | ✓         |         |             |          |
| SSDWP3S305                          | 219  |                              |          | ✓         |         |             |          |
| SSDWP212S316                        | 219  |                              |          | ✓         |         |             |          |
| SSDWP3S316                          | 219  |                              |          | ✓         |         |             |          |
| <b>Wood to Wood</b>                 |      |                              |          |           |         |             |          |
| WSC114S-17                          | 234  | ✓                            |          |           |         |             |          |
| WSC112S                             | 234  | ✓                            | ✓        |           |         |             |          |
| WSCLT134S                           | 234  | ✓                            | ✓        |           |         |             |          |
| WSHL134S7                           | 231  | ✓                            | ✓        |           |         |             |          |
| WSV134S                             | 229  | ✓                            | ✓        |           |         |             |          |
| WSV2S                               | 229  | ✓                            | ✓        | ✓         |         |             |          |
| WSV212S                             | 229  |                              | ✓        | ✓         |         |             |          |
| WSV3S                               | 229  |                              |          | ✓         |         |             |          |
| <b>Underlayment</b>                 |      |                              |          |           |         |             |          |
| CB3BLG114S                          | 223  |                              |          |           |         |             | ✓        |
| CB3BLGHL114S                        | 223  |                              |          |           |         |             | ✓        |
| CB3BLG158S                          | 223  |                              |          |           |         |             | ✓        |
| CB3BLGHL158S                        | 223  |                              |          |           |         |             | ✓        |
| MTH114S                             | 232  | ✓                            |          |           |         |             |          |
| MTHZ1S                              | 232  | ✓                            |          |           |         |             |          |
| <b>Fiber-Cement Siding to Steel</b> |      |                              |          |           |         |             |          |
| CBSDQ158S                           | 244  | ✓                            | ✓        |           |         |             |          |
| CBSDQ214S                           | 244  |                              | ✓        | ✓         |         |             |          |
| <b>Tile Roofing</b>                 |      |                              |          |           |         |             |          |
| SSWSC2BS                            | 224  |                              |          |           | ✓       | ✓           |          |
| SSWSC134BS                          | 224  |                              |          |           | ✓       | ✓           |          |
| SSWSC212BS                          | 224  |                              |          |           | ✓       | ✓           |          |
| WSCT212S                            | 225  |                              |          |           | ✓       | ✓           |          |
| WSTD3S                              | 225  |                              |          |           | ✓       | ✓           |          |

Collated Screws for the Quik Drive® System

# Application / Fastener / Tool Matrix



| Application / Screw                       | Page | Suitable Systems/Attachments |           |            |           |            |          |           |         |            |            |          |          |
|---|------|------------------------------|-----------|------------|-----------|------------|----------|-----------|---------|------------|------------|----------|----------|
|   |      | PRO200G2                     | PRO200SG2 | PRO250DWG2 | PRO300SG2 | PROPP150G2 | PROHX516 | PROSDX150 | PROPHG2 | PROHSD60/M | PROHSD75/M | BSD200G2 | QDBGP300 |
| <b>Drywall</b>                            |      |                              |           |            |           |            |          |           |         |            |            |          |          |
| DWC1PS                                    | 231  | ✓                            |           |            |           |            |          |           |         |            |            |          |          |
| DWC114PS                                  | 231  | ✓                            |           |            |           |            |          |           |         |            |            |          |          |
| DWC158PS                                  | 231  | ✓                            |           |            |           |            |          |           |         |            |            |          |          |
| DWC2PS                                    | 231  | ✓                            |           | ✓          |           |            |          |           |         |            |            |          |          |
| DWC212PS                                  | 231  |                              |           | ✓          |           |            |          |           |         |            |            |          |          |
| DWF114PS                                  | 244  | ✓                            |           |            |           |            |          |           |         |            |            |          |          |
| DWF158PS                                  | 244  | ✓                            |           |            |           |            |          |           |         |            |            |          |          |
| DWFSD114PS                                | 245  | ✓                            | ✓*        |            |           |            |          |           |         |            |            |          |          |
| DWFSD158PS                                | 245  | ✓                            | ✓*        |            |           |            |          |           |         |            |            |          |          |
| DWFSD238PS                                | 245  |                              |           | ✓          |           |            |          |           |         |            |            |          |          |
| DWFSDQ114PS                               | 245  | ✓                            | ✓         |            |           |            |          |           |         |            |            |          |          |
| DWHL178PS                                 | 232  | ✓                            |           | ✓          |           |            |          |           |         |            |            |          |          |
| <b>Metal Roofing/Siding to Wood/Steel</b> |      |                              |           |            |           |            |          |           |         |            |            |          |          |
| PC1BS1012                                 | 233  |                              |           |            |           | ✓          |          |           |         |            |            |          |          |
| PCQ112BS1012                              | 233  |                              |           |            |           | ✓          |          |           |         |            |            |          |          |
| SSPC1BS1012                               | 233  |                              |           |            |           | ✓          |          |           |         |            |            |          |          |
| <b>Steel to Steel</b>                     |      |                              |           |            |           |            |          |           |         |            |            |          |          |
| FPHSD34S1016                              | 237  |                              |           |            |           | ✓          |          |           | ✓       |            |            |          |          |
| FPHSD34S1214                              | 237  |                              |           |            |           | ✓          |          |           | ✓       |            |            |          |          |
| PHSD34S0818                               | 237  |                              |           |            |           |            |          |           | ✓       |            |            |          |          |
| X1S1016                                   | 242  |                              |           |            |           | ✓          | ✓        | ✓         |         |            |            |          |          |
| XQ1S1016                                  | 242  |                              |           |            |           | ✓          | ✓        | ✓         |         |            |            |          |          |
| X1S1214                                   | 242  |                              |           |            |           | ✓          | ✓        | ✓         |         |            |            |          |          |
| XMQ114S1224                               | 241  |                              |           |            |           |            |          | ✓         |         |            |            |          |          |
| XLQ114T1224                               | 240  |                              |           |            |           |            |          |           |         |            | ✓          |          |          |
| XQ1S1214                                  | 242  |                              |           |            |           | ✓          | ✓        | ✓         |         |            |            |          |          |
| XU34S1016                                 | 242  |                              |           |            |           |            |          | ✓         |         |            |            |          |          |
| <b>Wood to Steel</b>                      |      |                              |           |            |           |            |          |           |         |            |            |          |          |
| PPHD11516S0817                            | 239  |                              | ✓         |            | ✓         |            |          |           |         |            |            |          |          |
| PPHD134S1016                              | 239  |                              | ✓         |            | ✓         |            |          |           |         |            |            |          |          |
| PPHD3S1016                                | 239  |                              |           |            | ✓         |            |          |           |         |            |            |          |          |
| PPHDQ11516S0817                           | 239  |                              | ✓         |            | ✓         |            |          |           |         |            |            |          |          |
| PPHDQ134S1016                             | 239  |                              | ✓         |            | ✓         |            |          |           |         |            |            |          |          |
| PPHDQ134S1214                             | 239  |                              |           |            |           |            |          |           | ✓       |            |            |          |          |
| SSFHSD112S1016                            | 246  |                              |           |            |           | ✓          |          |           |         |            |            |          |          |
| SSPCSD214T1414                            | 238  |                              |           |            |           |            |          |           |         |            |            |          | ✓        |
| FHSD114S0818                              | 246  | ✓                            | ✓         |            |           |            |          |           |         |            |            |          |          |
| TB1440S                                   | 235  |                              |           |            |           |            |          |           | ✓       |            |            |          |          |
| TB1460S                                   | 235  |                              |           |            |           |            |          |           | ✓       |            |            |          |          |
| TB1475S                                   | 235  |                              |           |            |           |            |          |           |         | ✓          |            |          |          |
| TBG1245S                                  | 235  |                              |           |            |           |            |          |           | ✓       |            |            |          |          |
| TBG1260S                                  | 235  |                              |           |            |           |            |          |           | ✓       |            |            |          |          |
| TBG1445S                                  | 235  |                              |           |            |           |            |          |           | ✓       |            |            |          |          |
| TBG1460S                                  | 235  |                              |           |            |           |            |          |           | ✓       |            |            |          |          |
| TBG1475S                                  | 235  |                              |           |            |           |            |          |           |         | ✓          |            |          |          |
| TBP1245S                                  | 235  |                              |           |            |           |            |          |           | ✓       |            |            |          |          |
| TBP1260S                                  | 235  |                              |           |            |           |            |          |           | ✓       |            |            |          |          |
| TBP1460S                                  | 235  |                              |           |            |           |            |          |           | ✓       |            |            |          |          |
| TBP1475S                                  | 235  |                              |           |            |           |            |          |           |         | ✓          |            |          |          |
| TFP1475S                                  | 236  |                              |           |            |           |            |          |           |         | ✓          |            |          |          |
| WSF1LRVS                                  | 247  |                              | ✓         |            |           |            |          |           |         |            |            |          |          |
| WSF134LRVS                                | 247  |                              | ✓         |            |           |            |          |           |         |            |            |          |          |
| <b>Composite Decking to Steel</b>         |      |                              |           |            |           |            |          |           |         |            |            |          |          |
| DCSD238S                                  | 228  |                              |           |            | ✓         |            |          |           |         |            |            |          |          |

\*Drive with PRO200S only when fastening fiberglass-mat gypsum sheathing panels.



# Collated Exterior Screws

## Deck-Drive™ DSV WOOD Screw

### Preservative-Treated Decking and Exterior Wood-to-Wood Applications

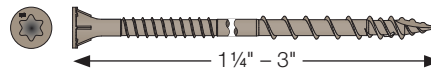
The Deck-Drive DSV Wood screw is a powerful fastening solution for preservative-treated decking applications. With its underhead nibs and fast-start tip, the DSV is ideally suited to be driven and countersunk into today's wood deck boards. The shank is designed to withstand the swelling and shrinkage that is common with fast-growth lumber. Available in hand-drive and in collated strips for use in our Quik Drive® auto-feed screw driving system.

#### Features:

- Low-torque threads allow up to 35% more screws to be driven per battery charge
- Rimmed flat head with nibs design countersinks easily and provides a clean, finished appearance
- High-low threaded tip with Type-17 point provides fast starts
- Optimized threads for dimensional lumber
- Quik Guard® coating provides corrosion resistance for exterior and preservative-treated wood applications
- Meets the performance requirements of ICC-ES AC257 exposure conditions 1 and 3
- Colors to blend in with most woods
- This screw is also available in bulk for hand-drive installation; see p. 76 for details
- T25 6-lobe driver bit: BITTX25
- The #10 DSV are load rated. See engineering letter L-F-DSVCSV at [strongtie.com](http://strongtie.com).

For Technical Data and Loads, see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 35, 45–46, 154–155, 176–177

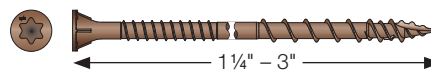
### Quik Guard Coating — Tan



| Size | Length (in.) | 500-Count Model No. | 750-Count Model No. | 1,000-Count Model No. | 1,500-Count Model No. | 2,000-Count Model No. | PRO 300SG2 | PRO 250G2 | PRO 200SG2 |
|------|--------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|------------|-----------|------------|
| # 8  | 1 ¼          | —                   | —                   | —                     | —                     | DSVT114S              |            |           | ✓          |
| # 8  | 1 ½          | —                   | —                   | —                     | —                     | DSVT158S              |            | ✓         | ✓          |
| #10  | 2            | —                   | HCKDSVT2S           | —                     | DSVT2S                | —                     | ✓          | ✓         | ✓          |
| #10  | 2 ½          | HCKDSVT212S         | —                   | DSVT212S              | —                     | —                     | ✓          | ✓         |            |
| #10  | 3            | HCKDSVT3S           | —                   | DSVT3S                | —                     | —                     | ✓          |           |            |



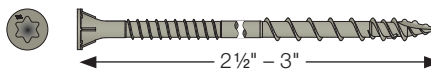
### Quik Guard Coating — Red



| Size | Length (in.) | 1,000-Count Model No. | 1,500-Count Model No. | 2,000-Count Model No. | PRO 300SG2 | PRO 250G2 | PRO 200SG2 |
|------|--------------|-----------------------|-----------------------|-----------------------|------------|-----------|------------|
| #8   | 1 ¼          | —                     | —                     | —                     |            |           | ✓          |
| #8   | 1 ½          | —                     | —                     | DSVR158S              |            | ✓         | ✓          |
| #10  | 2            | —                     | DSVR2S                | —                     | ✓          | ✓         | ✓          |
| #10  | 2 ½          | DSVR212S              | —                     | —                     | ✓          | ✓         |            |
| #10  | 3            | DSVR3S                | —                     | —                     | ✓          |           |            |



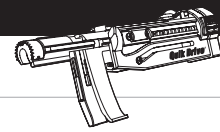
### Quik Guard Coating — Gray



| Size | Length (in.) | 1,000-Count Model No. | PRO 300SG2 | PRO 250G2 | PRO 200SG2 |
|------|--------------|-----------------------|------------|-----------|------------|
| #10  | 2 ½          | DSVG212S              | ✓          | ✓         |            |
| #10  | 3            | DSVG3S                | ✓          |           |            |







# Collated Exterior Screws

## Deck-Drive™ DWP WOOD SS Screw

*Decking, Docks and Boardwalks; Finishing, Millwork and Trim*

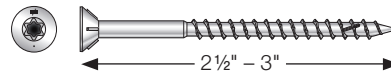
The Deck-Drive DWP Wood SS screw is a powerful fastening solution for deck, dock and general exterior applications where extra corrosion protection is needed. With its specially-designed sharp-point and unique box threads, the DWP is ideally suited for the majority of wood used in today's wood deck boards. Choose Type 316 stainless steel for seaside and coastal environments. Available in hand-drive and in collated strips for use in our Quik Drive® auto-feed screw driving system.

**Features:**

- Unique “box” thread design with raised-ridge technology greatly reduces driving torque
- Specially-designed sharp point penetrates hard wood products with ease
- 6-lobe drive helps prevent driver-bit cam-out while driving easier and extending bit life (replacement bit BITTX25; see p. 209 for more information)
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance
- This screw is also available in bulk for hand-drive installation; see pp. 72–75 for details
- Tested in accordance with ICC-ES acceptance criteria AC233 and load rated for withdrawal resistance

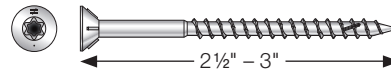
**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 153, 176–177

### Type 316 Stainless Steel

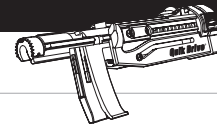


| Size | Length (in.) | 1,000-Count Model No. | 1,500-Count Model No. | PRO300SG2 |
|------|--------------|-----------------------|-----------------------|-----------|
| #10  | 2½           | —                     | SSDWP212S316          | ✓         |
| #10  | 3            | SSDWP3S316            | —                     | ✓         |

### Type 305 Stainless Steel



| Size | Length (in.) | 1,000-Count Model No. | 1,500-Count Model No. | PRO300SG2 |
|------|--------------|-----------------------|-----------------------|-----------|
| #10  | 2½           | —                     | SSDWP212S305          | ✓         |
| #10  | 3            | SSDWP3S305            | —                     | ✓         |



## Collated Exterior Screws

### Deck-Drive™ DHPD HARDWOOD Screw

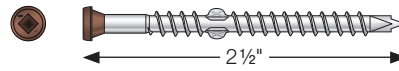
#### Hardwood Decking, Docks and Boardwalks

The Deck-Drive DHPD Hardwood screw is specially designed to penetrate the hardest wood products with ease. With its unique paddle-style drill point, it virtually eliminates splitting without predrilling. The wings on the shaft counterbore hard material, allowing the head to countersink easily for a clean, finished look. Available in Type 305 stainless steel for additional corrosion protection.

#### Features:

- Penetrate the hardest wood products without predrilling
- Compact head ensures a low-profile installation and reduced visibility
- Wings on the shank counterbore hard material and allow the head to countersink for a clean look
- Driver bit included in each package
- #2 square drive (replacement bit model BIT2S; see p. 209 for more information)
- This screw is also available in bulk for hand-drive installation; see p. 77 for details

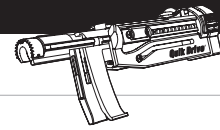
#### Type 305 Stainless Steel



| Size | Length (in.) | Threads per Inch | Color     | Contractor Pack    |             | PR0300SG2 |
|------|--------------|------------------|-----------|--------------------|-------------|-----------|
|      |              |                  |           | Fasteners per Pack | Model No.   |           |
| #10  | 2½           | 10               | Unpainted | 1,000              | SSDHPD212S  | ✓         |
| #10  | 2½           | 10               | Tan 03    | 1,000              | SSDHPD212SB | ✓         |



Tan 03

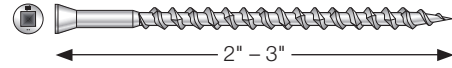


# Collated Exterior Screws

## Trim-Head Screw — Sharp Point

**Features:**

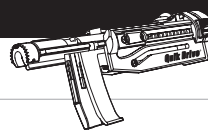
- Trim head
- #2 square drive (driver bit in each box; replacement bit model BIT2S; see p. 209 for more information)
- Box threads
- Curved collation



### Type 305 Stainless Steel

| Size | Length (in.) | Head Color | Contractor Pack    |                | PRO 250G2 | PRO 300SG2 |
|------|--------------|------------|--------------------|----------------|-----------|------------|
|      |              |            | Fasteners per Pack | Model No.      |           |            |
| #7   | 2            | Unpainted  | 2,000              | SSDTH2S        | ✓         |            |
| #7   | 2½           | Unpainted  | 1,000              | SSDTH212S      | ✓         |            |
| #7   | 3            | Unpainted  | 1,000              | SSDTH3S        |           | ✓          |
| #7   | 2½           | Brown 01   | 1,000              | DTH212S305BR01 | ✓         |            |
| #7   | 2½           | Brown 05   | 1,000              | DTH212S305BR05 | ✓         |            |
| #7   | 2½           | Gray       | 1,000              | DTH212S305GR   | ✓         |            |
| #7   | 2½           | Gray 01    | 1,000              | DTH212S305GR01 | ✓         |            |
| #7   | 2½           | Gray 03    | 1,000              | DTH212S305GR03 | ✓         |            |
| #7   | 2½           | Gray 04    | 1,000              | DTH212S305GR04 | ✓         |            |
| #7   | 2½           | Tan        | 1,000              | DTH212S305TN   | ✓         |            |
| #7   | 2½           | Tan 01     | 1,000              | DTH212S305TN01 | ✓         |            |
| #7   | 2½           | Tan 02     | 1,000              | DTH212S305TN02 | ✓         |            |
| #7   | 2½           | Tan 03     | 1,000              | DTH212S305TN03 | ✓         |            |
| #7   | 2½           | Tan 04     | 1,000              | DTH212S305TN04 | ✓         |            |
| #7   | 2½           | Red 01     | 1,000              | DTH212S305RD01 | ✓         |            |





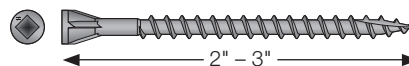
# Collated Exterior Screws

## Trim-Head Screw — Type-17 Point

### Features:

- Trim head with nibs for easy countersinking
- #2 undersized square drive (driver bit in each box; replacement bit model BIT2SU; see p. 209 for more information)
- Coarse threads
- Curved collation

### Quik Guard® Coating



| Size | Length (in.) | Contractor Pack    |           | PRO200SG2 | PRO250G2 | PRO300SG2 |
|------|--------------|--------------------|-----------|-----------|----------|-----------|
|      |              | Fasteners per Pack | Model No. |           |          |           |
| #8   | 2            | 2,000              | DTHQ2S    | ✓         | ✓        | ✓         |
| #8   | 2½           | 1,500              | DTHQ212S  |           | ✓        | ✓         |
| #8   | 3            | 1,000              | DTHQ3S    |           |          | ✓         |

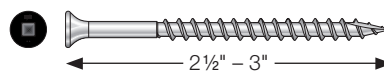
## Bugle-Head Wood Screw

### Common Applications:

- Wood decking to wood

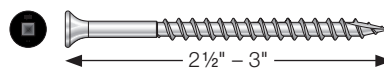
### Features:

- #3 square drive (driver bit in each box; replacement bit model BIT3S; see p. 209 for more information)
- Coarse threads
- Type-17 point for fast starts
- Available in Types 316 and 305 stainless steel
- Curved collation



### Type 316 Stainless Steel

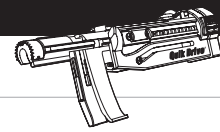
| Size | Length (in.) | Carton Quantity | Model No.      | PRO300SG2 |
|------|--------------|-----------------|----------------|-----------|
| #10  | 2½           | 1,500           | SS3DSC212BS316 | ✓         |
| #10  | 3            | 1,000           | SS3DSC3BS316   | ✓         |



### Type 305 Stainless Steel

| Size | Length (in.) | Carton Quantity | Model No.   | PRO300SG2 |
|------|--------------|-----------------|-------------|-----------|
| #10  | 2½           | 1,500           | SS3DSC212BS | ✓         |
| #10  | 3            | 1,000           | SS3DSC3BS   | ✓         |





# Collated Exterior Screws

## CB3BLG Fiber-Cement Board Screw

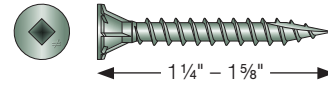
**Common Applications:**

- Dense fiber-cement board to wood

**Features:**

- 0.375" ribbed wafer head with nibs for easy countersinking
- #3 undersized square drive (driver bit in each box; replacement bit model BIT3SU; see p. 209 for more information)
- Coarse threads
- Type-17 point for fast starts
- C-3 mechanically galvanized coating
- Straight collation

**Codes/Standards:** ANSI A108 compliant



### C-3 Mechanically Galvanized Coating

| Size | Length (in.) | Threads per Inch | Contractor Pack    |            | PROLDHG2 |
|------|--------------|------------------|--------------------|------------|----------|
|      |              |                  | Fasteners per Pack | Model No.  |          |
| #10  | 1 1/4        | 10               | 1,500              | CB3BLG114S | ✓        |
| #10  | 1 5/8        | 10               | 1,500              | CB3BLG158S | ✓        |

## CB3BLGHL Cement Board Screw

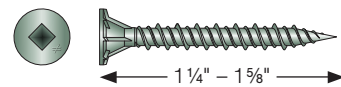
**Common Applications:**

- Cement board to wood (for coarse, porous and softer materials)

**Features:**

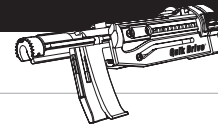
- 0.375" ribbed wafer head with nibs for easy countersinking
- #3 undersized square drive (driver bit in each box; replacement bit model BIT3SU; see p. 209 for more information)
- Alternating high-low threads
- Sharp point
- C-3 mechanically galvanized coating
- Straight collation

**Codes/Standards:** ANSI A108 compliant



### C-3 Mechanically Galvanized Coating

| Size | Length (in.) | Threads per Inch | Contractor Pack    |              | PROLDHG2 |
|------|--------------|------------------|--------------------|--------------|----------|
|      |              |                  | Fasteners per Pack | Model No.    |          |
| #9   | 1 1/4        | 15 high-low      | 1,500              | CB3BLGHL114S | ✓        |
| #9   | 1 5/8        | 15 high-low      | 1,500              | CB3BLGHL158S | ✓        |



## Collated Exterior Screws

### SSWSCB Roofing Tile Screw

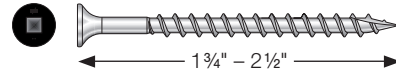
#### Common Applications:

- Roofing tiles to wood

#### Features:

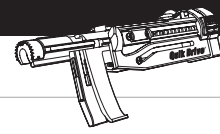
- Bugle head
- #2 square drive (driver bit in each box; replacement bit model BIT2S; see p. 209 for more information)
- Coarse threads
- Type-17 point for fast starts
- Curved collation

**Codes/Standards:** Meets the requirements of the Tile Roofing Institute as described in ESR-2015P. A Miami-Dade compliant roofing product (2" and 2½" only). Miami-Dade Fastener Listing 18-1218.01.



#### Type 305 Stainless Steel

| Size | Length (in.) | Carton Quantity | Model No.  | PRORFG2 | PRO300SRFG2 |
|------|--------------|-----------------|------------|---------|-------------|
| #8   | 1¾           | 2,000           | SSWSC134BS | ✓       |             |
| #8   | 2            | 2,000           | SSWSC2BS   | ✓       | ✓           |
| #8   | 2½           | 1,500           | SSWSC212BS | ✓       | ✓           |



## Collated Exterior Screws

### WSCT Roofing Tile Screw

#### Common Applications:

- Roofing tiles to wood

#### Features:

- Flat head
- #3 square drive (driver bit in each box; replacement bit model BIT3S; see p. 209 for more information)
- Twin threads
- Sharp point
- Curved collation

**Codes/Standards:** ASTM A641 (Class 1)



#### Heavy Zinc Electroplate

| Size | Length (in.) | Carton Quantity | Model No. | PRORFG2 | PR0300SRFG2 |
|------|--------------|-----------------|-----------|---------|-------------|
| #8   | 2½           | 1,500           | WSCT212S  | ✓       | ✓           |

### WSTD Roofing Tile Screw

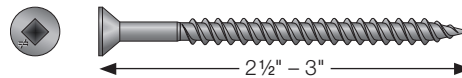
#### Common Applications:

- Roofing tiles to wood

#### Features:

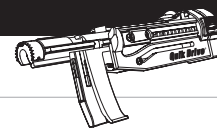
- Flat head
- #3 square drive (driver bit in each box; replacement bit model BIT3SU; see p. 209 for more information)
- Twin threads
- Sharp point
- Curved collation

**Codes/Standards:** Meets the requirements of the Tile Roofing Institute as described in ESR-2015P. A Miami-Dade compliant roofing product. Miami-Dade Fastener Listing 21-1202.01.



#### Exterior-Grade Coating

| Size | Length (in.) | Carton Quantity | Model No. | PRORFG2 | PR0300SRFG2 |
|------|--------------|-----------------|-----------|---------|-------------|
| #8   | 2½           | 1,500           | WSTD212S  | ✓       | ✓           |
| #8   | 3            | 1,500           | WSTD3S    |         | ✓           |



# Collated Composite Decking Screws

## Deck-Drive™ DCU COMPOSITE Screw

### Fastening Composite Decking Boards

The Deck-Drive DCU Composite screw is engineered to provide beautiful fastening results for all types of composite decking while also offering ease of installation, a clean finish and superb corrosion resistance. The Deck-Drive DCU is the go-to-screw for all your composite decking applications, eliminating the need to mix and match screws to the decking.

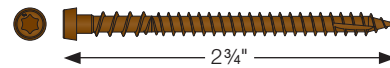
Deck-Drive DCU Composite decking screws are available in carbon steel with the Quik Guard® coating. For superior corrosion resistance in marine or high-exposure environments, choose the appropriate stainless-steel DCU screw (Type 305 or Type 316). DCU screws provide a clean finish because of their special head design and are available in 11 colors, matched to blend with most major decking manufacturers.

#### Features:

- Available in carbon steel, as well as Type 305 and Type 316 stainless steel for high to severe levels of corrosion resistance
- Tri-lobe thread design reduces damage to the composite board while driving
- Inverted upper threads clear excess material to ensure that the screw has a clean finish
- Unique cut point penetrates composite decking with ease for fast starts
- Cap head prevents mushrooming and material from rising up above the deck for a smoother, clean-looking installation
- Approved fastener (by Trex®) for Trex composite decking
- Also available in bulk for hand-drive installation; see pp. 90–91 for details
- 6-lobe drive recess for secure driving
- When countersinking for DCU Plug solutions, use the QRTX20 DCU Plug driver bit (see p. 93 of this catalog). Otherwise, use BITTX20-PL driver bit for Quik Drive® systems (see p. 209 for more information).

See pp. 24–25 for Color Reference Chart for Decking Manufacturers

### Quik Guard Coating

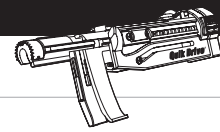


| Size | Length (in.) | Color    | 1,000-Count Model No. | PRO300SG2 |
|------|--------------|----------|-----------------------|-----------|
| #10  | 2 3/4        | Brown 01 | DCU234SBR01           | ✓         |
| #10  | 2 3/4        | Brown 05 | DCU234SBR05           | ✓         |
| #10  | 2 3/4        | Gray     | DCU234SGR             | ✓         |
| #10  | 2 3/4        | Gray 01  | DCU234SGR01           | ✓         |
| #10  | 2 3/4        | Gray 04  | DCU234SGR04           | ✓         |
| #10  | 2 3/4        | Red      | DCU234SRD             | ✓         |
| #10  | 2 3/4        | Red 01   | DCU234SRD01           | ✓         |
| #10  | 2 3/4        | Tan      | DCU234STN             | ✓         |
| #10  | 2 3/4        | Tan 01   | DCU234STN01           | ✓         |
| #10  | 2 3/4        | Tan 02   | DCU234STN02           | ✓         |
| #10  | 2 3/4        | Tan 03   | DCU234STN03           | ✓         |



1. Replacement driver bit: BITTX20-PL.

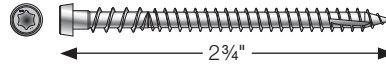




# Collated Composite Decking Screws

## Deck-Drive™ DCU COMPOSITE Screw (cont.)

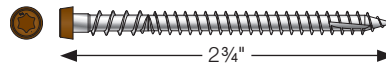
### Type 305 or Type 316 Stainless Steel



| Size | Length (in.) | Material                 | 1,000-Count Model No. | PRO300SG2 |
|------|--------------|--------------------------|-----------------------|-----------|
| #10  | 2¾           | Type 305 stainless steel | DCU234S305            | ✓         |
| #10  | 2¾           | Type 316 stainless steel | DCU234S316            | ✓         |

1. Choose Type 316 stainless steel for seaside applications and superior corrosion resistance.
2. Replacement driver bit: BITTX20-PL. When countersinking for DCU Plug solutions, use the QRTX20PL DCU Plug driver bit (see p. 93 of this catalog).

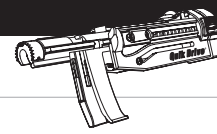
### Type 316 Stainless Steel, Painted Head



| Size | Length (in.) | Color    | 1,000-Count Model No. | PRO300SG2 |
|------|--------------|----------|-----------------------|-----------|
| #10  | 2¾           | Brown 01 | DCU234S316BR01        | ✓         |
| #10  | 2¾           | Brown 05 | DCU234S316BR05        | ✓         |
| #10  | 2¾           | Gray     | DCU234S316GR          | ✓         |
| #10  | 2¾           | Gray 01  | DCU234S316GR01        | ✓         |
| #10  | 2¾           | Gray 04  | DCU234S316GR04        | ✓         |
| #10  | 2¾           | Red      | DCU234S316RD          | ✓         |
| #10  | 2¾           | Red 01   | DCU234S316RD01        | ✓         |
| #10  | 2¾           | Tan      | DCU234S316TN          | ✓         |
| #10  | 2¾           | Tan 01   | DCU234S316TN01        | ✓         |
| #10  | 2¾           | Tan 02   | DCU234S316TN02        | ✓         |
| #10  | 2¾           | Tan 03   | DCU234S316TN03        | ✓         |



1. Choose Type 316 stainless steel for seaside applications and superior corrosion resistance.
2. Replacement driver bit: BITTX20-PL. When countersinking for DCU Plug solutions, use the QRTX20PL DCU Plug driver bit (see p. 93 of this catalog).



# Collated Composite Decking Screws

## Deck-Drive™

## DCSD COMPOSITE-TO-STEEL Screw

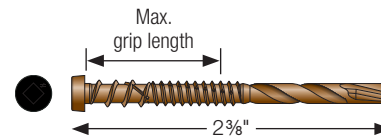
Composite Decking to Steel Deck Framing

### Features:

- Drives easily through double 14 ga. steel box beam without predrilling
- Provides a clean, finished deck surface with no mushrooming
- The Quik Drive® system holds the screw securely as it drills through the metal joist for a more consistent installation
- #2 square drive (replacement bit BIT2SU; see p. 209 for more information)
- Approved fastener (by New Castle Building Group®) for New Castle Steel™
- Quik Guard® coating for medium-level corrosion resistance; not recommended for use in marine environments

See pp. 24–25 for Color Reference Chart for Decking Manufacturers

US Patent 9,322,422

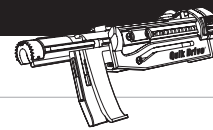


### Quik Guard Coating

| Size | Length (in.) | Max. Grip Length (in.) | Color    | 1,000-Count Quik Drive Part No. | PRO300SG2 |
|------|--------------|------------------------|----------|---------------------------------|-----------|
| #10  | 2 3/8        | 0.97                   | Brown 01 | DCSD238SBR01                    | ✓         |
| #10  | 2 3/8        | 0.97                   | Red 01   | DCSD238SRD01                    | ✓         |
| #10  | 2 3/8        | 0.97                   | Gray 01  | DCSD238SGR01                    | ✓         |
| #10  | 2 3/8        | 0.97                   | Gray 04  | DCSD238SGR04                    | ✓         |
| #10  | 2 3/8        | 0.97                   | Tan 01   | DCSD238STN01                    | ✓         |
| #10  | 2 3/8        | 0.97                   | Tan 02   | DCSD238STN02                    | ✓         |



1. Grip length includes side member, steel thickness, air gap (if any) and allowance for three threads protruding through the steel.
2. Approved for use with composite decking. This fastener has not been tested with PVC decking materials.



# Collated Interior Screws

## Strong-Drive® WSV SUBFLOOR Screw

Subfloor and Sheathing Projects

Now available in 1¾", 2", 2½" and 3" lengths. 2" WSV Subfloor screws are recommended for Advantech® flooring and sheathing products.

Simpson Strong-Tie has re-engineered its popular subfloor screw to reduce driving force and increase installation speed. The premium quality Strong-Drive WSV Subfloor screw has been developed for fastening subfloor sheathing using the Quik Drive® auto-feed screw driving system.

The Strong-Drive WSV Subfloor screw is the only fastener to be dual-evaluated under ICC-ES AC233 and AC120 for wood-frame subfloor fastening.

Fastening with WSV Subfloor screws provides excellent holding power, and combining the WSV Subfloor screw with adhesives can provide the ultimate subfloor solution.

This testing indicates that the WSV Subfloor screws have lateral, shear and withdrawal values that exceed those of 10d common nails, and diaphragms built with WSV Subfloor screws meet or exceed the strength and stiffness of wood frame diaphragms built with 10d nails.

### Features:

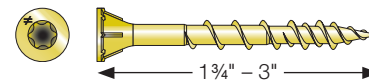
- Redesigned tip and thread pattern provides easy starts and up to 25% less torque while driving<sup>1</sup> — makes for up to 20% faster driving<sup>2</sup>
- Less installation torque also means less wear on tools and more screws driven per battery charge
- Deep 6-lobe recessed ribbed head provides clean countersinking and more secure bit retention for fewer cam-outs
- The holding power of WSV screws reduces the gaps between the joist and subfloor that cause floor squeaks
- WSV screws can be easily backed out allowing for future access to floor cavities
- 6-lobe T25 drive bit (replacement bit BITTX25; see p. 209 for more information)

1. Test data shows the Strong-Drive WSV Subfloor screw requires up to 25% less driving torque in single-material LVL.

2. Test data indicates this redesigned WSV thread pattern will result in 20% faster screw installations.

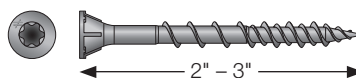
**Codes/Standards:** WSV — ICC-ES ESR 1472 (including City of LA Supplement)

**For Technical Data and Loads,** see C-F-2023TECHSUP Fastening Systems Technical Guide, pp. 122–124, 136–137



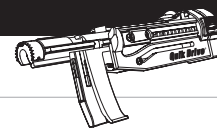
### Yellow Zinc Coating

| Size | Length (in.) | Retail Pack        |            | Contractor Pack    |           | PRO200S | PRO250G2 | PRO300S |
|------|--------------|--------------------|------------|--------------------|-----------|---------|----------|---------|
|      |              | Fasteners per Pack | Model No.  | Fasteners per Pack | Model No. |         |          |         |
| #9   | 1¾           | 1,000              | HCKWSV134S | 2,000              | WSV134S   | ✓       | ✓        |         |
| #9   | 2            | 1,000              | HCKWSV2S   | 2,000              | WSV2S     | ✓       | ✓        | ✓       |
| #9   | 2½           | 750                | HCKWSV212S | 1,500              | WSV212S   |         | ✓        | ✓       |
| #9   | 3            | 500                | HCKWSV3S   | 1,000              | WSV3S     |         |          | ✓       |



### Quik Guard Coating

| Size | Length (in.) | Contractor Pack | Model No. | PRO200S | PRO250G2 | PRO300S |
|------|--------------|-----------------|-----------|---------|----------|---------|
| #9   | 2            | 2,000           | WSVF2S    | ✓       | ✓        | ✓       |
| #9   | 2½           | 1,500           | WSVF212S  |         | ✓        | ✓       |
| #9   | 3            | 1,000           | WSVF3S    |         |          | ✓       |



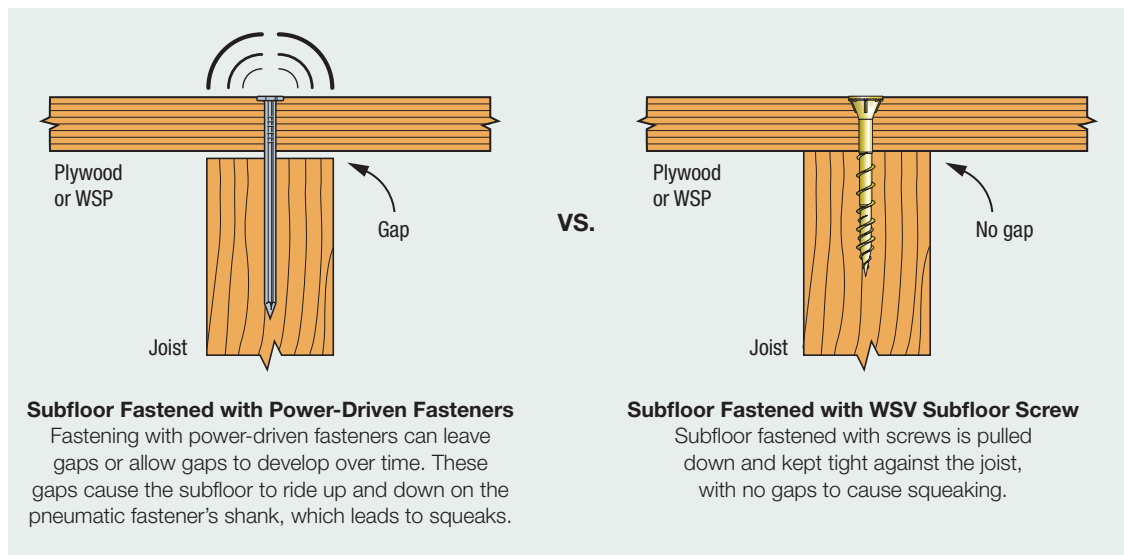
# Collated Interior Screws

## Strong-Drive® WSVF Subfloor Screw Variant

The Strong-Drive WSVF Subfloor screw is an available variant with a gray Quik Guard® coating that is recognized for corrosion resistance in IAPMO UES ER-192 for Exposures 1 and 3 as described in ICC-ES AC257. Like the WSV Subfloor screw, the WSVF Subfloor screws are designed for dry service applications. The coating system on the WSVF screws will provide corrosion resistance for use with wood and wood-based materials in dry service where the wood and wood-based materials have treatment retentions typical of AWPA Use Categories 1 to 4A and fire-retardant-treated wood and wood-based materials that are recognized in an evaluation report where corrosion effects of the fire-retardant chemical are referenced to code prescribed protection systems for carbon steel fasteners.

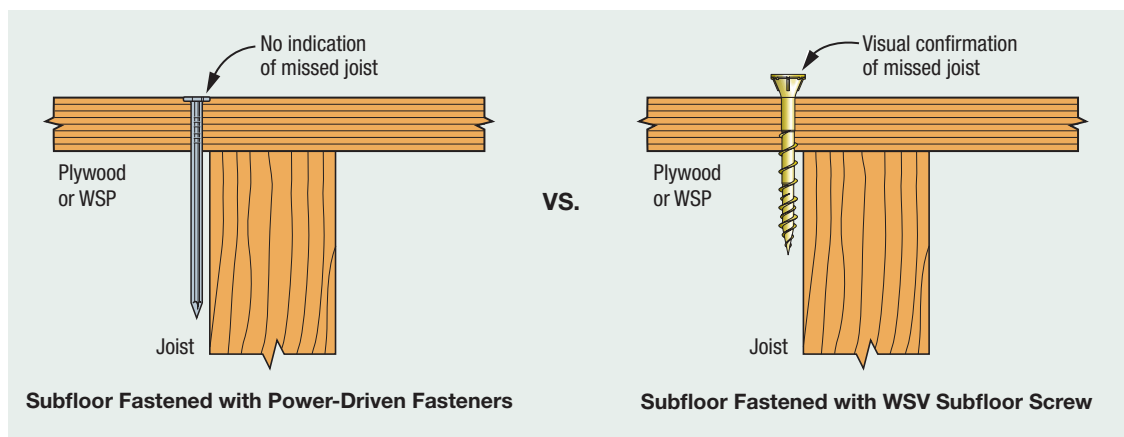
## “Hear” the Difference over Time

Squeaking of newly installed floors can result in expensive (travel, labor, materials) callbacks and possibly a damaged reputation. Fastening subflooring with WSV Subfloor screws rather than power-driven fasteners provides the power necessary to pull together joists and plywood (or WSP sheathing), eliminating any gaps, holding the materials firm and therefore reducing squeaks.

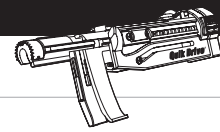


## “See” the Difference on the Jobsite

The WSV Subfloor screw gives visual confirmation of a secure joist connection by countersinking, while “shot-in” power-driven fasteners look the same whether or not they hit the joist. Missed fasteners could result in floor flexing that can cause squeaking in other parts of the structure and reduced diaphragm load capacity.







# Collated Interior Screws

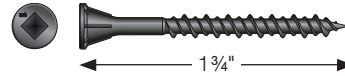
## WSHL Subfloor Screw

**Common Applications:**

- Subfloor to wood

**Features:**

- Ribbed flat head with nibs for easy countersinking
- #2 square drive (driver bit in each box; replacement bit model BIT2S; see p. 209 for more information)
- High-low threads
- Sharp point
- Curved collation
- 1:1 replacement for 8d common nails when used with floor sheathing 1<sup>5</sup>/<sub>32</sub>" – 2<sup>3</sup>/<sub>32</sub>" thick



### Gray Phosphate Coating

| Size | Length (in.) | Carton Quantity | Model No. | PRO 200SG2 | PRO 250G2 |
|------|--------------|-----------------|-----------|------------|-----------|
| #7   | 1 3/4        | 2,000           | WSHL134S7 | ✓          | ✓         |

## DWC Drywall Screw

**Common Applications:**

- Drywall to wood

**Features:**

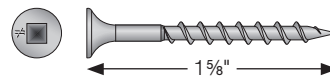
- Bugle head
- #2 Phillips (driver bit in each box; replacement bit model BIT2P; see p. 209 for more information)
- Coarse threads
- Sharp point
- Curved collation

**Codes/Standards:** ASTM C1002 Type W



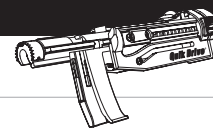
### Gray Phosphate Coating

| Size | Length (in.) | Contractor Pack    |           | PRO200G2 | PRO250DWG2 |
|------|--------------|--------------------|-----------|----------|------------|
|      |              | Fasteners per Pack | Model No. |          |            |
| #6   | 1            | 2,500              | DWC1PS    | ✓        |            |
| #6   | 1 1/4        | 2,500              | DWC114PS  | ✓        |            |
| #6   | 1 5/8        | 2,500              | DWC158PS  | ✓        |            |
| #6   | 2            | 2,000              | DWC2PS    | ✓        | ✓          |
| #6   | 2 1/2        | 1,500              | DWC212PS  |          | ✓          |



### Mechanically Galvanized — N2000®

| Size | Length (in.) | Contractor Pack    |           | PRO200G2 |
|------|--------------|--------------------|-----------|----------|
|      |              | Fasteners per Pack | Model No. |          |
| #6   | 1 5/8        | 2,500              | DWCG158S  | ✓        |



# Collated Interior Screws

## DWHL Drywall Screw

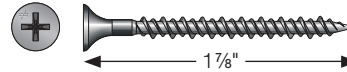
**Common Applications:**

- Drywall to wood

**Features:**

- Bugle head
- #2 Phillips drive (driver bit in each box; replacement bit model BIT2P; see p. 209 for more information)
- High-low threads
- Sharp point
- Curved collation

**Codes/Standards:** ASTM C1002 Type W



### Gray Phosphate Coating

| Size | Length (in.) | Carton Quantity | Model No. | PRO 250DWG2 | PRO 200G2 |
|------|--------------|-----------------|-----------|-------------|-----------|
| #6   | 1 7/8        | 2,000           | DWHL178PS | ✓           | ✓         |

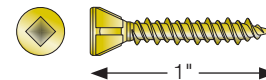
## MTH Wood Underlayment Screw

**Common Applications:**

- Wood underlayment to wood

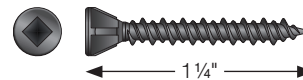
**Features:**

- Trim head with nibs for easy countersinking
- #2 square drive (driver bit in each box; replacement bit model BIT2S; see p. 209 for more information)
- High-low threads
- Sharp point
- Curved collation



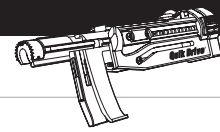
### Yellow Zinc Coating

| Size | Length (in.) | Coating     | Contractor Pack    |           | PRO200SG2 |
|------|--------------|-------------|--------------------|-----------|-----------|
|      |              |             | Fasteners per Pack | Model No. |           |
| #7   | 1            | Yellow zinc | 2,500              | MTHZ1S    | ✓         |



### Gray Phosphate Coating

| Size | Length (in.) | Coating        | Retail Pack        |            | Contractor Pack    |           | PRO200SG2 |
|------|--------------|----------------|--------------------|------------|--------------------|-----------|-----------|
|      |              |                | Fasteners per Pack | Model No.  | Fasteners per Pack | Model No. |           |
| #7   | 1 1/4        | Gray phosphate | 1,000              | HCKMTH114S | 2,500              | MTH114S   | ✓         |



# Collated Interior Screws

## PC Screw

Formerly PC Standing-Seam Roofing Panel Clip Screw

### Common Applications:

- Standing-seam roofing panel clips to wood, window panel to wood

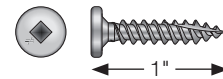
### Features:

- Pancake head
- #2 square drive (driver bit in each box; replacement bit model BIT2SU; see p. 209 for more information)
- Type-17 point for fast starts
- Straight collation
- Type 410 stainless steel is coated for additional corrosion protection

**Codes/Standards:** ASTM C1513 compliant

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, p. 226

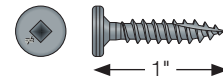
**Warning: Industry studies show that hardened fasteners can experience performance problems in wet or corrosive environments. Accordingly, use this product in dry, interior and noncorrosive environments only.**



### Type 410 Stainless Steel\*

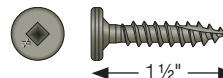
| Size | Length (in.) | #2 Drive Type | Threads per Inch | Carton Quantity | Model No.   | PROPP150G2 |
|------|--------------|---------------|------------------|-----------------|-------------|------------|
| #10  | 1            | Standard      | 12               | 1,500           | SSPC1BS1012 | ✓          |

\* 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.



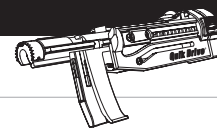
### Clear Zinc Coating

| Size | Length (in.) | #2 Drive Type | Threads per Inch | Carton Quantity | Model No. | PROPP150G2 |
|------|--------------|---------------|------------------|-----------------|-----------|------------|
| #10  | 1            | Standard      | 12               | 1,500           | PC1BS1012 | ✓          |



### Quik Guard® Coating

| Size | Length (in.) | Threads per Inch | Carton Quantity | Model No.    | PROPP150G2 |
|------|--------------|------------------|-----------------|--------------|------------|
| #10  | 1½           | 12               | 1,500           | PCQ112BS1012 | ✓          |



## Collated Interior Screws

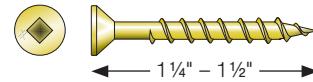
### WSC Wood Screw

#### Common Applications:

- Wood to wood

#### Features:

- Flat head
- #2 square drive (driver bit in each box; replacement bit model BIT2S; see p. 209 for more information)
- Coarse threads
- Available with Type-17 and sharp points
- Curved collation



#### Yellow Zinc Coating

| Size | Length (in.) | Point Type | Carton Quantity | Model No.  | PRO200SG2 |
|------|--------------|------------|-----------------|------------|-----------|
| #8   | 1 ¼          | Type-17    | 2,500           | WSC114S-17 | ✓         |
| #8   | 1 ½*         | Sharp      | 2,000           | WSC112S    | ✓         |

\* This size does not have nibs under the head.

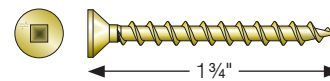
### WSCLT Wood Screw

#### Common Applications:

- Wood to wood

#### Features:

- Flat head
- #2 square drive (driver bit in each box; replacement bit model BIT2S; see p. 209 for more information)
- Coarse threads
- Sharp point
- Yellow zinc coating
- Curved collation
- Fully threaded



#### Yellow Zinc Coating

| Size | Length (in.) | Carton Quantity | Model No. | PRO 200SG2 | PRO 250G2 |
|------|--------------|-----------------|-----------|------------|-----------|
| #8   | 1 ¾          | 2,000           | WSCLT134S | ✓          | ✓         |



## Collated Metal Screws



# Strong-Drive®

## TB WOOD-TO-STEEL Screw

**Common Applications:**

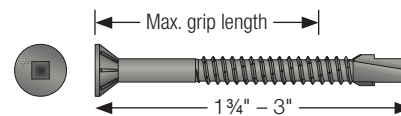
- Wood to steel (maximum recommended metal thicknesses: ¼")

**Features:**

- Flat head with nibs for easy countersinking
- #3 square drive (driver bit in each box; replacement bit model BIT3S; use BIT3SU for Mechanically Galvanized — N2000®; see p. 209 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. 115 for details
- For information regarding driver motor rpm recommendations, please see pp. 204–206 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-2023TECHSUP *Fastening Systems Technical Guide*, p. 212

**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/<br>PROHSD60M | PROHSD75/<br>PROHSD75M |
|------|-----------------|-------------------------|------------------|-----------------|-----------|------------------------|------------------------|
| #12  | 1¾<br>(45)      | 1.055                   | 14               | 1,000           | TBG1245S  | ✓                      |                        |
| #12  | 2¾<br>(60)      | 1.645                   | 14               | 1,000           | TBG1260S  | ✓                      |                        |
| #14  | 1¾<br>(45)      | 1.055                   | 14               | 1,000           | TBG1445S  | ✓                      |                        |
| #14  | 2¾<br>(60)      | 1.645                   | 14               | 750             | TBG1460S  | ✓                      |                        |
| #14  | 3<br>(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/<br>PROHSD60M | PROHSD75/<br>PROHSD75M |
|------|-----------------|-------------------------|------------------|-----------------|-----------|------------------------|------------------------|
| #12  | 1¾<br>(45)      | 1.055                   | 14               | 1,000           | TBP1245S  | ✓                      |                        |
| #12  | 2¾<br>(60)      | 1.645                   | 14               | 1,000           | TBP1260S  | ✓                      |                        |
| #14  | 2¾<br>(60)      | 1.645                   | 14               | 750             | TBP1460S  | ✓                      |                        |
| #14  | 3<br>(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.



## Collated Metal Screws

# Strong-Drive® TF WOOD-TO-STEEL Screw

### Common Applications:

- Wood to steel (maximum recommended metal thicknesses: 1<sup>5</sup>/<sub>32</sub>" )

### Features:

- Flat head with nibs for easy countersinking
- 6-lobe recess for secure driving (driver bit in each box; replacement bit model BITTX30; see p. 209 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. 116 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-2023TECHSUP *Fastening Systems Technical Guide*, p. 213

**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.**

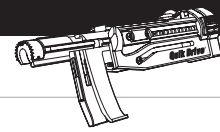


### Black Phosphate Coating

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

1. Replacement driver bit: BITTX30.

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



## Collated Metal Screws

### Strong-Drive® PHSD FRAMING-TO-CFS Screw

#### Common Applications:

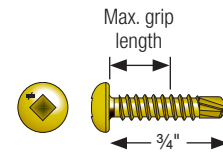
- Cold-formed steel framing and sheet steel sheathing to cold-formed steel

#### Features:

- Pan head
- #2 square drive (driver bit in each box; replacement bit model BIT2S; see p. 209 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-2023TECHSUP *Fastening Systems Technical Guide*, pp. 222–223, 227



#### 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:

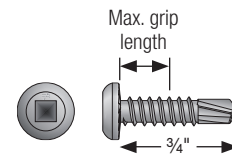
- Cold-formed steel framing and sheet steel sheathing to cold-formed steel

#### Features:

- Flat pan head
- #3 square drive (driver bit in each box; replacement bit model BIT3S; see p. 209 for more information)
- #3 drill point
- Clear zinc coating
- Straight collation
- This screw is also available in bulk for hand-drive installation; see p. 117 for details

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

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 222–223, 227



#### 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.



## Collated Metal Screws

### SSPCSD Sheathing-to-Metal Screw

#### Common Applications:

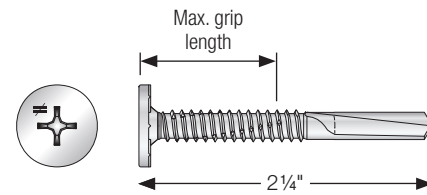
- Designed with a drill point and self-tapping threads to fasten sheathing to aluminum and light gauge steel, the SSPCSD sheathing-to-metal screw provides a large-diameter, low-profile pancake head. Its Type 410 stainless steel provides additional corrosion resistance. This fastener is belt collated 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. 209 for more information)
- Type 410 stainless steel is coated for additional corrosion protection
- 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

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

| Size | Length (in.) | Max. Grip Length (in.) | Head Diameter (in.) | Minor Diameter (in.) | O.D. (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 | ✓        |





# Collated Metal Screws

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

### Common Applications:

- Subfloor/sheathing to cold-formed steel

### Features:

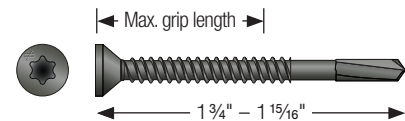
- Flat head
- T25 6-lobe drive (driver bit in each box; use replacement bit model BITTX25-RC3; see p. 209 for more information)
- Fine threads
- Long drill point
- Quik Guard® and yellow zinc coating
- Curved collation
- PPHD screws may be used as prescribed by the codes for shearwalls and diaphragms as described in AISI S240, AISI S400 and AISI S240
- This screw is also available in bulk for hand-drive installation; see p. 118 for details

**Installation Guidelines:** #8 — maximum thickness two layers 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" — 7/8"; #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-2023TECHSUP *Fastening Systems Technical Guide*, pp. 214, 218–219

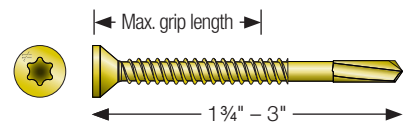
**Warning:** Industry studies show that hardened fasteners can experience performance problems in wet or corrosive environments. Accordingly, use this product in dry, interior and noncorrosive environments only.



### 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 <sup>1</sup> |            |           |            | ✓                  |

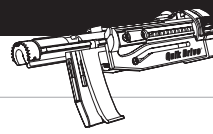
1. Has underhead nibs.
2. Grip length includes side member, steel thickness, air gaps (if any) and allowance for three threads protruding through the steel.



### 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.



## Collated Metal Screws

# 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:

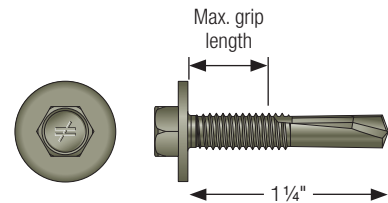
- 5/16" hex drive (bit part number: BITHEXLB516; see p. 209 for more information)
- #5 drill point
- Quik Guard® coating
- 5/8"-diameter hex washer head
- Also available in bulk for hand-drive installation; see p. 111 for details

**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-2023TECHSUP *Fastening Systems Technical Guide*, pp. 234–235

US Patent 9,518,599

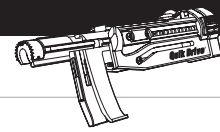
**Warning:** Industry studies show that hardened fasteners can experience performance problems in wet or corrosive environments. Accordingly, use this product in dry, interior and noncorrosive environments only.



### 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  | 1 1/4        | 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.



## 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:

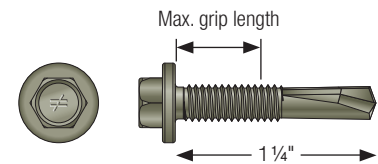
- 5/16" hex drive (bit part number: BITHEXLB516; see p. 209 for more information)
- Available in Quik Guard® coating
- 1/2"-diameter hex washer head is ideal for narrow-channel steel decking
- Also available in bulk for hand-drive installation; see p. 112 for details
- Available only in 1 1/4" length with #5 drill point

**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-2023TECHSUP *Fastening Systems Technical Guide*, pp. 234–235

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  | 1 1/4        | 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.



# Collated Metal Screws

## Strong-Drive® Self-Drilling X Metal Screw

### Common Applications:

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

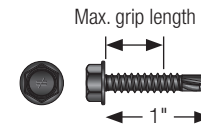
### Features:

- 5/16" hex drive (bit part number: BITHEXLB516; see p. 209 for more information)
- Drill point
- Hex washer head
- Straight collation
- This screw is also available in bulk for hand-drive installation; see p. 113 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-2023TECHSUP *Fastening Systems Technical Guide*, pp. 229–230

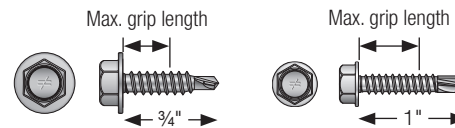
**Warning:** Industry studies show that hardened fasteners can experience performance problems in wet or corrosive environments. Accordingly, use this product in dry, interior and noncorrosive environments only.



### 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.



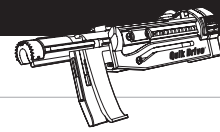
### Clear Zinc Coating

| Size | Length (in.) | Max. Grip Length (in.) | Threads per Inch | Point Size | Carton Quantity | Model No. | PROHX516G2 | PROSDX150G2 | PROPP150G2 |
|------|--------------|------------------------|------------------|------------|-----------------|-----------|------------|-------------|------------|
| #10  | 3/4          | 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   | ✓          | ✓           | ✓          |

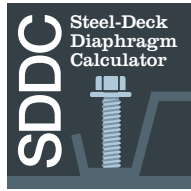
1. Grip length includes side member, steel thickness, air gaps (if any) and allowance for three threads protruding through the steel.



# Collated Metal Screws



## Steel-Deck Diaphragm Calculator



The Steel-Deck Diaphragm Calculator web app offers optimized steel deck design solutions based on fastener and labor costs for a given shear and uplift. It can provide calculations for any solution generated.

Generate diaphragm tables for various roof and floor decks using Simpson Strong-Tie® fasteners. The app can also generate a submittal package that includes fastener information, code reports, Factory Mutual reports, Appendix VII and IX of DDM03 (also reference DDM04), coating information and tools for installation. The app is accessible from any web browser and does not require downloading or installing special software. Users can:

- Design for multiple zones and develop solutions in either ASD or LRFD
- Modify deck properties from the standard properties listed in SDI DDM03 and DDM04
- Generate multiple cost- and labor-optimized solutions with calculations included
- Generate tables in Nominal, ASD Wind, LRFD Wind, ASD Seismic or LRFD Seismic
- Design for loads using the Strong-Drive® XL Large-Head Metal screw (included in the optimization calculator)
- Design for additional structural patterns not covered in SDI literature
- Access proprietary deck tables with the Strong-Drive XM Medium-Head Metal screw

### Steel-Deck Diaphragm Load Tables for Interlocking Decks

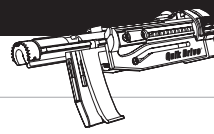
Load tables are available on our website application for using Strong-Drive XM Medium-Head Metal screws on frequently used interlocking decks with proprietary side-lap connections.

To access the Steel Deck Diaphragm Calculator, refer to [strongtie.com/diaphragmcalc](http://strongtie.com/diaphragmcalc).

Example of Steel-Deck Diaphragm Calculator Web Application

| Support Fasteners Layout |                             | Nominal Shear Strength (plf), 2003-2015 IBC |      |      |      |      |      |      |      |     |     | K1  |       |
|--------------------------|-----------------------------|---|------|------|------|------|------|------|------|-----|-----|-----|-------|
| Support Fasteners Layout | Side Lap Fasteners Per Span | 4.0   | 4.5  | 5.0  | 5.5  | 6.0  | 6.5  | 7.0  | 7.5  | 8.0 | 8.5 |     | 9.0   |
| 36/7                     | 0                           | 601   | 531  | 475  |      |      |      |      |      |     |     |     | 0.549 |
|                          | 1                           | 774   | 695  | 624  | 564  | 515  |      |      |      |     |     |     | 0.414 |
|                          | 2                           | 927   | 837  | 761  | 698  | 639  | 587  | 543  | 505  | 472 | 443 | 418 | 0.333 |
|                          | 3                           | 1068  | 969  | 885  | 814  | 753  | 700  | 649  | 604  | 565 | 530 | 501 | 0.278 |
|                          | 4                           | 1196  | 1091 | 1002 | 924  | 857  | 799  | 747  | 702  | 657 | 618 | 584 | 0.239 |
|                          | 5                           | 1313  | 1204 | 1110 | 1028 | 956  | 893  | 837  | 787  | 743 | 703 | 666 | 0.209 |
|                          | 6                           | 1418  | 1308 | 1211 | 1125 | 1050 | 983  | 923  | 869  | 822 | 778 | 739 | 0.186 |
|                          | 7                           | 1513  | 1403 | 1304 | 1216 | 1138 | 1068 | 1005 | 949  | 898 | 851 | 809 | 0.168 |
|                          | 8                           | 1597  | 1488 | 1390 | 1301 | 1221 | 1149 | 1083 | 1024 | 971 | 922 | 876 | 0.152 |

Example of Steel Deck Diaphragm Load Table



# Collated Metal Screws

## CBSDQ Sheathing-to-CFS Screw

### Common Applications:

- Sheathing to cold-formed steel (recommended thicknesses: 16 and 18 ga.)

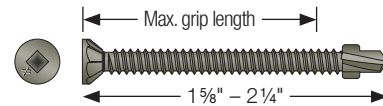
### Features:

- Ribbed flat head with nibs for easy countersinking
- #2 undersized square drive (driver bit in each box; replacement bit model BIT2SU; see p. 209 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, S400 and S213.

**Codes/Standards:** ICC-ES ESR-4208 (including City of LA Supplement), ASTM C1513 compliant, #8 screws meet minimum head-diameter requirement per AISI S240, Lateral Design Standard

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 215, 218–219

**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   | 1 5/8        | 1.11                   | 18               | 0.322                    | 2          | 1,500           | CBSDQ158S | ✓          | ✓         |            |
| #10  | 2 1/4        | 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 model BIT2P; see p. 209 for more information)
- Fine threads
- Sharp point
- Gray phosphate coating
- Curved collation

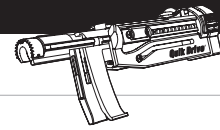
**Codes/Standards:** ASTM C1002-04 Type S compliant

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, p. 221



### Gray Phosphate Coating

| Size | Length (in.) | Carton Quantity | Model No. | PRO200G2 |
|------|--------------|-----------------|-----------|----------|
| #6   | 1 1/4        | 2,500           | DWF114PS  | ✓        |
| #6   | 1 5/8        | 2,500           | DWF158PS  | ✓        |
| #6   | 1            | 2,500           | DWF1PS    | ✓        |



# Collated Metal Screws

## DWFSD Drywall-to-CFS Screw

### Common Applications:

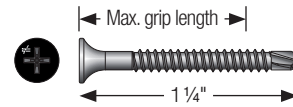
- Drywall to cold-formed steel (recommended max. steel thicknesses: 43 mil / 18 ga.)

### Features:

- Bugle head
- #2 Phillips (driver bit in each box; replacement bit model BIT2P; see p. 209 for more information)
- Fine threads
- #2 drill point
- Curved collation

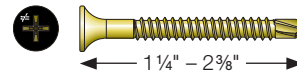
**Codes/Standards:** ASTM C954 compliant

**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, p. 221



### Quik Guard®

| Size | Length (in.) | Max. Grip Length (in.) | Threads per Inch | Box Quantity | Model No.   | PRO 200SG2 | PRO 200G2 |
|------|--------------|------------------------|------------------|--------------|-------------|------------|-----------|
| #6   | 1 1/4        | 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   | 1 1/4        | 20               | 2,500        | DWFSD114PS | ✓          |             | ✓         |
| #6   | 1 5/8        | 20               | 2,500        | DWFSD158PS | ✓          |             | ✓         |
| #6   | 1 7/8        | 20               | 2,000        | DWFSD178PS | ✓          | ✓           | ✓         |
| #8   | 2 3/8        | 20               | 1,500        | DWFSD238PS |            | ✓           |           |



# Collated Metal Screws

## FHSD Wood-to-CFS Screw

### Common Applications:

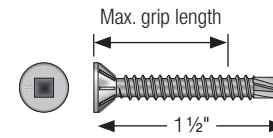
- Wood or wood structural panel sheathing to cold-formed steel to cold-formed steel (recommended max. steel thicknesses: 3/16")

### 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
- Type 410 stainless steel is coated for additional corrosion protection
- #3 square drive for #10 (replacement bit BIT3S; see p. 209 for more information)
- #2 square drive for #8 (replacement bit BIT2S; see p. 209 for more information)

**Codes/Standards:** ASTM C1513 compliant; meets minimum head diameter requirements per AISI S240, Lateral Design Standard

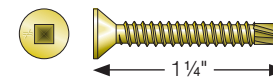
**For Technical Data and Loads,** see C-F-2023TECHSUP *Fastening Systems Technical Guide*, pp. 218–220



### Type 410 Stainless Steel\*

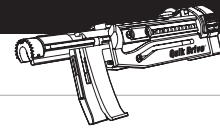
| Size | Length (in.) | Max. Grip Length (in.) | Threads per Inch | Min. Head Diameter (in.) | Point Size | Carton Quantity | Model No.      | PRO PP150G2 |
|------|--------------|------------------------|------------------|--------------------------|------------|-----------------|----------------|-------------|
| #10  | 1 1/2        | 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.) | Threads per Inch | Min. Head Diameter (in.) | Point Size | Carton Quantity | Model No.    | PRO 200SG2 | PRO 200G2 |
|------|--------------|------------------|--------------------------|------------|-----------------|--------------|------------|-----------|
| #8   | 1 1/4        | 18               | 0.310                    | 2          | 2,500           | FHSD114S0818 | ✓          | ✓         |



# Collated Metal Screws

## WSFLRV Wood-to-CFS/Aluminum Screw

### Common Applications:

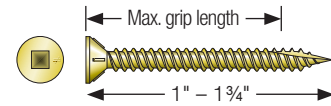
- Wood or wood structural panel sheathing to cold-formed steel (recommended max. steel thicknesses: 33 mils (20 ga.))
- Wood to aluminum (recommended max. aluminum thicknesses: 3/16")

### Features:

- Flat head with nibs for easy countersinking
- #3 square drive (driver bit in each box; replacement bit model BIT3S; see p. 209 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-2023TECHSUP *Fastening Systems Technical Guide*, pp. 218–219



### 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   | 1¼           | 1.311                  | 0.327                    | 2,000           | WSF134LRVS | ✓          | ✓         |





Strong-Drive® SDWC Truss Screw

Quik Stik™ Rafter and Truss Fastening System

**Innovative products  
for safety and strength.**





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# Simpson Strong-Tie Limited Warranty

## Effective Date: March 18, 2021

This Limited Warranty applies to all Simpson Strong-Tie products ("Products") purchased after the Effective Date while this Limited Warranty remains in effect, other than those Simpson Strong-Tie products that have a separate Limited Warranty applicable to such products. For purchases after the Effective Date, please consult [strongtie.com/limited-warranties](http://strongtie.com/limited-warranties), as this Limited Warranty may be updated by Simpson from time to time. All future purchases of Products are subject to the terms of the Limited Warranty in effect as of the purchase date.

This Limited Warranty must be read in conjunction with all applicable General Notes, General Instructions for the Installer, General Instructions for the Designer, Building Codes, Corrosion Information, and Terms & Conditions of Sale, along with any other information or specifications published by Simpson Strong-Tie Company Inc. ("Simpson") or available on the [strongtie.com](http://strongtie.com) website ("Website") or on the product package, label or product manual. All of this information is referred to collectively as the "Simpson Strong-Tie Documentation." All applicable Simpson Documentation must be carefully reviewed each time any Product is used.

Simpson Strong-Tie warrants, to the original purchaser only, that each Product will be free from substantial defects in materials, manufacturing and design if properly specified, installed, and maintained, and when used in accordance with the design limits and the structural, technical, and environmental specifications in the Simpson Strong-Tie Documentation. This Limited Warranty is void and does not apply to any (a) Product purchased from an unauthorized dealer, retailer or distributor, (b) Product deterioration or damage due to environmental conditions or inadequate or improper handling, transportation, storage or maintenance, (c) cosmetic defects, including discoloration, (d) failure or damage caused by improper installation, application, mixing or preparation, (e) use of a Product in temperatures or environmental conditions outside the ranges specified for such Product in the Simpson Strong-Tie Documentation, (f) use of a Product outside of its shelf-life specifications, (g) normal wear and tear, (h) failure or damage caused by the use of a Product with any fasteners, pins, screwstrips, products or accessories other than authentic Simpson Strong-Tie products, (i) Product that was subjected to negligence or excessive or improper use, including any use not in accordance with the Simpson Strong-Tie Documentation, (j) failure or damage caused by the building site, foundation, or any third-party products, building materials or components, (k) failure or damage caused by use of a Product in a structure that has a design or other defect or that does not comply with all applicable building codes, laws, rules and regulations, (l) modified Product, or any nonstandard use or application of a Product, (m) failure or damage caused by corrosion, termites or other wood destroying organisms, animal or insect activity, wood fungal decay, rot, mold, mildew, exposure to chemicals or other hazardous substances, a corrosive environment or materials, inadequate moisture protection, or premature deterioration of building materials, (n) failure or damage caused by an act of God, including any hurricane, earthquake, tornado, lightning, ice, snow, high wind, flood or other severe weather or natural phenomena, (o) installation services or workmanship, including any failure or damage caused by installation of any Product, whether or not in accordance with the Simpson Strong-Tie Documentation, or (p) failure or damage caused by the gross negligence, willful misconduct, or other acts or omissions of the builder, general contractor, installer or any third party, including the building owner. Notwithstanding the foregoing, Simpson Strong-Tie disclaims and does not provide any warranty related to the design of any custom-order or non-catalog Product.

Although Products are designed for a wide variety of uses, Simpson Strong-Tie assumes no liability for confirming that any Product is appropriate for an intended use, and each intended use of a Product must be reviewed and approved by qualified professionals. Each Product is designed for the load capacities and uses listed in the Simpson Strong-Tie Documentation, subject to the limitations and other information set forth in the Simpson Strong-Tie Documentation.

Due to the particular characteristics of potential impact events such as earthquakes and high velocity winds, the specific design and location of the structure, the building materials used, the quality of construction, or the condition of the soils or substrates involved, damage may nonetheless result to a structure and its contents even if the loads resulting from the impact event do not exceed Simpson Strong-Tie's specifications and the Products are properly installed in accordance with applicable building codes, laws, rules and regulations.

Product demonstrations, training, operator examinations, technical and customer support and other services provided by Simpson Strong-Tie are based on Simpson Strong-Tie's present knowledge and experience, are

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**ALL WARRANTY OBLIGATIONS OF SIMPSON STRONG-TIE SHALL BE LIMITED, AT SIMPSON STRONG-TIE'S ABSOLUTE DISCRETION, TO EITHER REPAIRING THE DEFECTIVE PRODUCT OR PROVIDING A REPLACEMENT FOR THE DEFECTIVE PRODUCT. THIS REMEDY CONSTITUTES SIMPSON STRONG-TIE'S SOLE OBLIGATION AND LIABILITY AND THE SOLE AND EXCLUSIVE REMEDY OF PURCHASER AND, WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, EXCLUDES ANY LABOR OR OTHER COSTS INCURRED IN CONNECTION WITH A WARRANTY CLAIM. PURCHASER ASSUMES ALL RISK AND LIABILITY ASSOCIATED WITH ANY USE OF THE PRODUCT, INCLUDING BUT NOT LIMITED TO SUITABILITY FOR ITS INTENDED USE.**

**THE LIMITED WARRANTY HEREIN IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, AND, WHERE LAWFUL, SIMPSON STRONG-TIE DISCLAIMS ALL OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES ARISING FROM COURSE OF PERFORMANCE, COURSE OF DEALING OR TRADE USAGE. IN NO EVENT WILL SIMPSON STRONG-TIE BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR SPECIAL DAMAGES OR DIRECT OR INDIRECT LOSS OF ANY KIND, INCLUDING BUT NOT LIMITED TO PROPERTY DAMAGE, DEATH AND PERSONAL INJURY. SIMPSON STRONG-TIE'S ENTIRE LIABILITY IS LIMITED TO THE PURCHASE PRICE OF THE DEFECTIVE PRODUCT. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.**

To obtain warranty service, you must contact Simpson Strong-Tie promptly at (800) 999-5099 or at Simpson Strong-Tie Company Inc., 5956 West Las Positas Boulevard, Pleasanton, CA 94588, regarding any potential claim, no later than sixty (60) days after you discover the potential claim. Upon request by Simpson Strong-Tie, you must provide Simpson Strong-Tie with: (a) proof of purchase and written records evidencing, in reasonable detail, the date and manner of installation, application, mixing and preparation of the Products, as applicable, (b) a reasonable opportunity to inspect the site where the Product was installed, and (c) samples of the Products from the actual installation in sufficient quantities in order for Simpson Strong-Tie to perform testing to determine whether or not the Product failed as set forth herein. Simpson Strong-Tie may, in its absolute discretion, request that you return the allegedly defective Products to Simpson Strong-Tie, in which case Simpson Strong-Tie will issue a Return Materials Authorization (RMA), which must be completed and returned to Simpson Strong-Tie with the Product. Simpson Strong-Tie is not responsible for any costs or expenses incurred in connection with any inspection (other than by Simpson Strong-Tie employees) or in connection with the return of Products to Simpson Strong-Tie, but Simpson Strong-Tie shall bear all costs and expenses incurred in connection with the shipment of replacement Products in the event that Simpson Strong-Tie determines that the Product should be replaced in accordance with this Limited Warranty. If Simpson Strong-Tie elects to repair or replace the Product, Simpson Strong-Tie shall have a reasonable time to do so.

No one is authorized to change or add to this Limited Warranty. If at any time Simpson Strong-Tie does not enforce any of the terms, conditions or limitations stated in this Limited Warranty, Simpson Strong-Tie shall not have waived the benefit of said term, condition or limitation and can enforce it at any time. This Limited Warranty is extended only to the original purchaser and is not transferrable. It is not intended nor shall it be construed to create rights in any third party.



Imagine any building project. Now imagine having exactly the fastening solution you need to build it. From load-rated structural screws to fasteners for everyday applications, our wide breadth of innovative, versatile Simpson Strong-Tie fastening solutions helps everyone from contractors to engineers to DIYers build stronger, faster and smarter.

You keep dreaming. We'll keep innovating.

# Versatility at every dimension.



C-F-2023 Effective 1/1/2023 Expires 12/31/2024

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