# **Fastener Product Guide**

SIMPSON Strong Tie

2018 | (800) 999-5099 | strongtie.com





Engineered to drive easy.

Strong·Drive Deck·Drive QuikDrive

# Secure Drive Engagement







No Predrill



Quick Starts



Fast Install



**Tight Connection** 



Clean Finish



# **Table of Contents**

# Strong-Tie

# General Information

General information
Coatings and Materials
Color Guide for Composite/PVC Decking
Fastener Overview, Nails
Fastener Overview, Screw Features
Custom-Order Nails
Fastener Application Guide
Decks, Docks and Boardwalks
Subfloor and Sheathing Applications
Underlayment and Backerboard Applications
Siding on Wood and Steel
Roofing
Wood Framing
Fasteners for Simpson Strong-Tie Connectors
Finishing, Millwork and Trim
Fastening to Metal
Fencing
Log Homes
Truss-Ply Fastening Applications
Drywall and Exterior Gypsum Sheathing Applications
Crating
Boat Building / Marine Trade54
Screws
Exterior Screws
Strong-Drive® SDWS FRAMING Screw58
Strong-Drive SDWS TIMBER Screw
Strong-Drive SDWH TIMBER-HEX Screw60
Strong-Drive SDWH TIMBER-HEX SS Screw
Strong-Drive SDWH TIMBER-HEX HDG Screw
OUTDOOR ACCENTS® Structural Wood Screw
OUTDOOR ACCENTS Hex-Head Washer
OUTDOOR ACCENTS Connector Screw
Strong-Drive SDS HEAVY-DUTY CONNECTOR Screw66

# Simpson Strong-Tie® Fastening Systems





Codesias	C	/+ <b>\</b>
Exterior	Screws	icont.

	Strong-Drive® SD CONNECTOR Screw	67
	Deck-Drive™ DSV WOOD Screw	68
	Deck-Drive DWP WOOD SS Screw — Flat Head	70
	Deck-Drive DWP WOOD SS Screw — Trim Head	72
	Deck-Drive DHPD HARDWOOD Screw	73
	Bugle-Head Wood Screw — 6-Lobe Drive	74
	Bugle-Head Wood Screw — Square Drive	75
	Trim-Head Screw — Square Drive	77
	Trim-Head Screw — 6-Lobe Drive	78
	Composite Decking Screws	
國	Deck-Drive DCU COMPOSITE Screw	81
	Deck-Drive DCU Screw Plug Solution	83
	Interior Screws	
	Strong-Drive SDWC TRUSS Screw.	85
	Strong-Drive SDW EWP-PLY Screw	86
	Strong-Drive SDW TRUSS-PLY Screw	87
	Strong-Drive SDWS LOG Screw	88
國	Strong-Drive SDWF FLOOR-TO-FLOOR Screw	89
	Strong-Drive SDWV SOLE-TO-RIM Screw	90
	Strong-Drive WSNTL SUBFLOOR Screw	90
	Wafer-Head Screw	91
	MTH Underlayment Screw	91
	Self-Drilling E Metal Screw	92
	Strong-Drive TB WOOD-TO-STEEL Screw	93
	Strong-Drive PPSD SHEATHING-TO-CFS Screw	94
	Strong-Drive FPHSD FRAMING-TO-CFS Screw	95
	Self-Drilling Pancake-Head Screw	96
	Self-Drilling Bugle-Head Screw	97
	Self-Drilling Fiber-Cement Screw	98
	Self-Drilling Flat-Head Screw with Wings	99
	Self-Drilling Siding Screw	OC
	Self-Drilling Wafer-Head Screw with Wings	01
	Self-Drilling Wire-Lath Modified Truss-Head Screw	02
	Driver Bits	03

# Simpson Strong-Tie® Fastening Systems

# **Table of Contents**



# **Nails**

Exterior Nails
Premium Siding Nail
Premium Common Nail
Box Nail — Annular Ring Shank
Wood Siding Nail
Cedar Trim Nail
Common Nail — Annular Ring Shank111
Fiber-Cement Siding Nail
Finishing Nail
Preservative-Treated Wood Decking Nail
Painted Siding Nail
Shake and Shingle Siding/Roofing Nail
Roofing Nail — Annular Ring Shank
Roofing Nail — Smooth Shank
Specialty Fasteners
Strong-Drive® SCNR RING-SHANK CONNECTOR Nail
Strong-Drive SCN SMOOTH-SHANK CONNECTOR Nail
PVC Trim-Board Nail
Marine Screw — Pan Head
Marine Screw — Flat Head
PVC Trim-Board Screw
Fascia-Fastening Solution™
Cement Board Screw
Fiber-Cement Screw
Metal-Panel Screw
Metal-Panel Screw with EPDM Washer
Self-Drilling Hex-Washer-Head Screw
Self-Drilling Hex-Washer-Head Screw with EPDM Sealing Washer 133
Self-Drilling Flat-Pan-Head Screw
Pancake-Head Screw
PC Standing-Seam-Roofing Panel Clip Screw
Wire-Lath Modified Truss-Head Screw
Truss-Head Screw
EB-TY® Premium Hidden Deck-Fastening System™
lpê Wood Plugs

# **Table of Contents**



# **Collated Nails and Staples**

Connector Nails
Strong-Drive® 33° SCN SMOOTH-SHANK CONNECTOR Nail
Strong-Drive 33° SCNR RING-SHANK CONNECTOR Nail
Siding/Fencing/Trim
$15^\circ$ Inserted Plastic Coil, Full Round Head, Ring-Shank Nail
$15^\circ$ Inserted Plastic Coil, White Full Round Head, Ring-Shank Nail $145$
15° Wire Coil, Full Round Head, Ring-Shank Siding Nail
15° Wire Coil, Painted Full Round Head, Ring-Shank Nail
Roofing
15° Wire Coil, Full Round Head, Ring-Shank Roofing Nail $\dots \dots 149$
15° Wire Coil, Full Round Head, Smooth-Shank Roofing Nail
Framing
15° Wire Coil, Full Round Head, Ring-Shank Decking/Framing Nail 151
15° Wire Coil, Painted Full Round Head, Ring-Shank
Decking/Framing Nail
20°-22° Plastic Strip, Casing Head, Ring-Shank Nail
20°–22° Plastic Strip, Full Round Head, Ring-Shank Nail
31°–34° Plastic Strip, Full Round Head, Ring-Shank Nail
28° Wire-Weld, Clipped Head, Ring-Shank Nail
31°-34° Paper Tape, Clipped Head, Ring-Shank Nail
Trim Nails
$20^\circ$ Angle, Adhesive Collation, T-Style Head, 16-Gauge Finishing Nail $\dots$ 160
25° Angle, Adhesive Collation, FN-Style, 15-Gauge Finishing Nail $\ldots\ldots$ 161
Straight, Adhesive Collation, T-Style Head, 16-Gauge Finishing Nail 162
Straight, Adhesive Collation, T-Style Head, 18-Gauge Brads $\dots 163$
Tape Collation, DA-Style Angle, 15-Gauge Finishing Nail
Collated Staples
½" Crown, 15½-Gauge Staples
1" Crown, 16-Gauge Staples
½" Crown, 16-Gauge Staples         167
1/4" Crown, 18-Gauge Staples
7/6" Crown, 16-Gauge Staples 169

# Simpson Strong-Tie® Fastening Systems

# **Table of Contents**



# **Quik Drive® Systems**

W	PRODW Drywall System	. 172
	PRO200 Drywall System	. 173
	PRO200S Multi-Purpose System	. 174
	PRO250 Subfloor System	. 175
	PRO300S Decking System	. 176
	PROHSD60 Wood-to-Steel System	. 177
	PROHSD75 Wood-to-Steel System	. 178
	PROLDH Underlayment/Backerboard System	. 179
	PRORF Roofing Tile System	. 180
	PRO300SRF Roofing Tile System.	. 181
	BSD200 Structural Steel-Decking System	. 182
	PROSDX150 Steel-Decking System	. 183
	PROPP150 Metal Roofing System	. 184
	Quik Drive Multi-Purpose Combo System	
	PROSDD Multi-Purpose Combo System	. 185
	PROCCS+ Multi-Purpose Combo System	. 186
	PROCGB Underlayment/Backerboard Combo System	. 187
	Parts and Accessories	
	Screwdriver Motors	. 188
	Auto-Feed Screw Driving Systems	. 190
	Quik Drive — Adapters	. 191
	Replacement Parts	. 193
	Accessories	. 195
	Schematics and Troubleshooting	106

# **Table of Contents**



# **Collated Screws for Quik Drive®**

Application / Fastener / Tool Matrix
Collated Exterior Wood Screws
Deck-Drive™ DSV WOOD Screw
Deck-Drive DWP WOOD SS Screw
Deck-Drive DHPD HARDWOOD Screw
Trim-Head Screw — Sharp Point
Trim-Head Screw — Type-17 Point
Bugle-Head Wood Screw
CB3BLGHL Cement Board Screw
PC Standing-Seam-Roofing Panel Clip Screw
WSC Wood Screw
SSWSCB Roofing Tile Screw
WSCT Roofing Tile Screw212
WSCD Roofing Tile Screw
Collated Composite Decking Screws
Deck-Drive DCU COMPOSITE Screw
Deck-Drive DCSD COMPOSITE-TO-STEEL Screw
Collated Interior Wood Screws
Strong-Drive® WSNTL WOOD Screw
Strong-Drive WSV SUBFLOOR Screw
Strong-Drive WSNTL SUBFLOOR Screw
WSHL SUBFLOOR Screw
DWC Drywall Screw
DWHL Drywall Screw
MTH Wood Underlayment Screw
PC Standing-Seam-Roofing Panel Clip Screw
PHSS Wood Screw
WSC Wood Screw

# Simpson Strong-Tie® Fastening Systems

## **Table of Contents**



#### Collated Metal Screws

Strong-Drive® TB WOOD-TO-STEEL Screw
Strong-Drive PHSD FRAMING-TO-CFS Screw
Strong-Drive FPHSD FRAMING-TO-CFS Screw
Strong-Drive PPSD SHEATHING-TO-CFS Screw
Strong-Drive XL LARGE-HEAD METAL Screw
Strong-Drive XM MEDIUM-HEAD METAL Screw
Strong-Drive SELF-DRILLING X METAL Screw229
CBSDQ Sheathing-to-CFS Screw
DWF Drywall-to-CFS Screw
DWFSD Drywall-to-CFS Screw
FHSD Wood-to-CFS Screw
WSFLRV Wood-to-CFS/Aluminum Screw



## We Are ISO 9001-2008 Registered

Simpson Strong-Tie is an ISO 9001-2008 registered company. ISO 9001-2008 is an internationally-recognized quality assurance system which lets our domestic and international customers know that they can count on the consistent quality of Simpson Strong-Tie® products and services.

## Simpson Strong-Tie Company Inc.



# The Simpson Strong-Tie Company Inc. "No Equal" Pledge Includes:

Quality products value-engineered for the lowest installed cost at the highest-rated performance levels

- Most thoroughly tested and evaluated products in the industry
- Strategically located manufacturing and warehouse facilities
- National code agency listings
- Largest number of patented connectors in the industry
- European locations with an international sales team
- In-house R and D and tool and die professionals
- In-house product testing and quality control engineers

Member of: AITC, ASTM, ASCE, AWPA, ACI, AISC, CSI, ICFA, NBMDA, NLBMDA, SDI, SETMA, STAFDA, SREA, NFBA, 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.



Karen Colonias

President, 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?

#### **Product Identification Key**

Products and additional information are divided into general categories, identified by tabs along the page's outer edge.



SIMPSON Strong-Tie

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.

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

#### Clear Zinc

Electroplated clear zinc is applied in accordance with ASTM F1941. In the ASTM B117 salt spray test, clear zinc provides 12 to 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, low-corrosion 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 24 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. Not recommended for exterior applications.

#### 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%.



# Strong-Tie

#### Medium Level of Corrosion Resistance

#### Quik Guard® Coating

Quik Guard is a proprietary coating that consists of an electroplated zinc base layer and a system of organic top coats. It provides corrosion resistance equivalent to hot-dip galvanization (ASTM A153, Class D) in some exposures. In ASTM B117 salt spray testing at 1,000 hours of exposure, fasteners with the Quik Guard coating have average red rust less than 2%.

#### **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.

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

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.² [305 g/m²] of zinc applied by a hot-dip process. Hot-dip galvanized fasteners are compliant with the 2012 and 2015 IBC and IRC.

#### Class 55 Mechanically Galvanized, ASTM B695

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 2012 and 2015 IRC.

#### N2000® Mechanically Galvanized

This is a mechanically applied proprietary zinc coating with a supplementary overcoat. In the ASTM B117 salt spray test at 1,000 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%.



# Strong-Tie

#### 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 2012 and 2015 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.

# Strong-Tie

#### 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 2012 and 2015 IBC and IBC.

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

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/m²] of zinc applied by a hot-dip process. Hot-dip galvanized fasteners are compliant with the 2012 and 2015 IBC and IRC.

#### Copper

Copper wire used for the manufacture of fasteners is in compliance with the material specifications of ASTM F1667. Copper fasteners meet the requirements for use in preservative-treated and fire-retardant-treated wood as stated in the 2012 and 2015 IBC and IRC. Compatibility with proprietary wood treatment chemicals should be verified against applicable evaluation reports.



Silicon bronze is a copper alloy with silicon as the alloying element. Silicon bronze fasteners meet the requirements for use in preservative-treated and fire-retardant treated wood as stated in the 2012 and 2015 IBC and IRC. Compatibility with proprietary wood treatment chemicals should be verified against applicable evaluation reports.

#### 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.

# Color Guide for PVC/Composite Decking

SIMPSON Strong-Tie

For current information regarding color matching, visit strongtie.com/deckcolormatch

DeckBoard Series	Deck Board Color	Simpson Strong-Tie® Screw Color
AZEK®		
	Acacia	Brown 01
	Brazillian Walnut	Brown 01 / Brown 02
	Cobre	Tan 04
Arbor®	Hazelwood	Gray 03
	Morado	Tan 01
	Mountain Redwood	Red 01 / Red 02
	Silver Oak	Brown 05
	Autumn Chestnut	Brown 05
	Brownstone	Tan 02
	Clay	Gray 03
Uanyoot®	Clay	Gray
Harvest®	Island Oak	Gray
	Kona	Brown 01
	Slate Gray	Gray 01
	White	White 01
	Cypress	Tan 03
Vintage Collection™	Mahogany	Tan 01
CONCUION	Dark Hickory	Gray 04
Deckorators		
	Gray	Gray 01
Classic	Cedar	Tan
Ulassic	Redwood	Red 01
	Walnut	Tan 01
Heritage	Milled Maple	Tan 02
Heritage	Barrel-aged Oak	Brown 01
Vault	Mesquite	Brown 05
vauit	Dusk	Gray
	Ashwood	Gray
	Driftwood	Gray
Vista	Ironwood	Tan 01
visia	Kingswood	Tan 01
	Sandalwood	Tan
	Rosewood	Red 01
DuraLife™		
Landasanas	Coastal Grey	Gray 01
Landscapes Collection	Mahogany	Red 01
	Pebble	Tan
	Brazilian Cherry	Red 01
Hardwoods	Garapa Gray	Gray
Collection	Golden Teak	Tan 03
	Tropical Walnut	Tan 01
Evergrain® (		
	Greywood	Gray
Envision®	Rustic Walnut	Brown 01
LITVIOLUIT	Shaded Auburn	Red 01
	Spiced Teak	Tan 01
		Cross
	Cape Cod Grey	Gray
Evergrain®	Cape Cod Grey Cedar	Tan 03
Evergrain® (Classic)		

Deck Board Series	Deck Board Color	Simpson Strong-Tie <sup>®</sup> Screw Color
Fiberon®	2 " 2	0 04
	Castle Gray	Gray 01
	Greystone	Gray
Horizon®	lpe	Tan 03
	Rosewood	Red 01
	Tudor Brown	Brown 01
	Earl Grey	Gray 04
Sanctuary®	Latte	Gray 01
	Espresso	Brown 01
D I I 'C. TM	Villa	Tan 03
Good Life™	Cabin	Tan 01
	Cottage	Gray
	Fossil	Tan 02
	Sandstone	Gray 01
Paramount	Flagstone	Gray 01
	Brownstone	Brown 05
	Mineral	Gray 02
ProTect	Chestnut	Tan 01
Advantage™	Gray Birch	Gray
-	Western Cedar	Tan 03
MoistureShield®		
	Cape Cod Gray	Gray
	Desert Sand	Tan 02
Essential Collection®	Seasoned Mahogany	Red
	Tigerwood	Tan 01
	Walnut	Brown 01
	Java	Tan 03
Modernview	Amber	Tan 01
VIOUGITIVIEW	Slate	Gray
	Auburn	Tan 01
	Cape Cod Gray	Gray
MoistureShield® FR	Earthtone	Gray 01
MoistureShield® FR	Seasoned Mahogany	Red
	lpe	Brown 01
MoistureShield Pro	Graystone	Gray
vioisturesmeiu FTO	Brazillian Chestnut	Red 01
	Cape Cod Gray	Gray
	Desert Sand	Tan 02
	Earthtone	Gray 01
lantaga	Rustic Cedar	Tan 03
Vantage Collection®	Seasoned Mahogany	Tan 01
	Tigerwood	Tan 01
	Bridle	Brown 05

# **Color Guide for PVC/Composite Decking**

SIMPSON Strong-Tie

For current information regarding color matching, visit strongtie.com/deckcolormatch

Deck Board Series	Deck Board Color	Simpson Strong-Tie® Screw Color
TimberTech®		
DockSider®	Cedar	Tan
DOCKSIGE	Gray	Gray or Gray 01
	Brick	Red 01
Earthwood Evolutions®	Slate	Gray
Natural	Brownstone	Tan 01
	Brown Oak	Tan 01
	Mocha	Red 01
Earthwood Evolutions®	Pecan	Tan 01
Legacy	Tigerwood	Tan 01
,	Ashwood	Gray 01
	Rustic Elm	Brown 01
Earthwood Evolutions®	Stone Ash	Gray
Terrain	Silver Maple	Gray
	Sandy Birch	Tan 02
ReliaBoard®	Cedar	Tan
neliaboaru	Gray	Gray/Gray 01
	Amazon Mist	Gray 04
	Antique Palm	Tan 01
Tropical	Antiqua Gold	Tan 03
	Carribean Redwood	Red 01
	Cedar	Tan
TwinFinish®	Grey	Gray or Gray 01
	Redwood	Red
Trex <sup>®</sup>		
Trex <sup>®</sup>	Pebble Grey	Gray
Trex®	Madeira	Red
Trex® Select®	Madeira Saddle/Barrel	Red Tan 01
	Madeira Saddle/Barrel Woodland Brown	Red
	Madeira Saddle/Barrel	Red Tan 01
Select®	Madeira Saddle/Barrel Woodland Brown Flint/New	Red Tan 01 Brown 01
	Madeira Saddle/Barrel Woodland Brown Flint/New Winchester Grey	Red Tan 01 Brown 01 Gray 04
Select®	Madeira Saddle/Barrel Woodland Brown Flint/New Winchester Grey Beach Dune Clam Shell Firepit	Red Tan 01 Brown 01 Gray 04 Brown 05 Gray Red 01
Select®	Madeira Saddle/Barrel Woodland Brown Flint/New Winchester Grey Beach Dune Clam Shell Firepit Tiki Torch	Red Tan 01 Brown 01 Gray 04 Brown 05 Gray
Select®	Madeira Saddle/Barrel Woodland Brown Flint/New Winchester Grey Beach Dune Clam Shell Firepit	Red Tan 01 Brown 01 Gray 04 Brown 05 Gray Red 01
Select®	Madeira Saddle/Barrel Woodland Brown Flint/New Winchester Grey Beach Dune Clam Shell Firepit Tiki Torch Gravel Path Lava Rock	Red Tan 01 Brown 01 Gray 04 Brown 05 Gray Red 01 Tan 03 Gray 01 Red 01
Select®  Enhance®	Madeira Saddle/Barrel Woodland Brown Flint/New Winchester Grey Beach Dune Clam Shell Firepit Tiki Torch Gravel Path	Red Tan 01 Brown 01 Gray 04 Brown 05 Gray Red 01 Tan 03 Gray 01
Select®	Madeira Saddle/Barrel Woodland Brown Flint/New Winchester Grey Beach Dune Clam Shell Firepit Tiki Torch Gravel Path Lava Rock Rope Swing Spiced Rum	Red Tan 01 Brown 01 Gray 04 Brown 05 Gray Red 01 Tan 03 Gray 01 Red 01 Tan 02 Tan 01
Select®  Enhance®	Madeira Saddle/Barrel Woodland Brown Flint/New Winchester Grey Beach Dune Clam Shell Firepit Tiki Torch Gravel Path Lava Rock Rope Swing	Red Tan 01 Brown 01 Gray 04 Brown 05 Gray Red 01 Tan 03 Gray 01 Red 01 Tan 02
Select®  Enhance®	Madeira Saddle/Barrel Woodland Brown Flint/New Winchester Grey Beach Dune Clam Shell Firepit Tiki Torch Gravel Path Lava Rock Rope Swing Spiced Rum	Red Tan 01 Brown 01 Gray 04 Brown 05 Gray Red 01 Tan 03 Gray 01 Red 01 Tan 02 Tan 01
Select®  Enhance®	Madeira Saddle/Barrel Woodland Brown Flint/New Winchester Grey Beach Dune Clam Shell Firepit Tiki Torch Gravel Path Lava Rock Rope Swing Spiced Rum Tree House Vintage Lantern Island Mist	Red Tan 01 Brown 01 Gray 04 Brown 05 Gray Red 01 Tan 03 Gray 01 Red 01 Tan 02 Tan 01 Tan 01 Brown 01 Gray
Select®  Enhance®	Madeira Saddle/Barrel Woodland Brown Flint/New Winchester Grey Beach Dune Clam Shell Firepit Tiki Torch Gravel Path Lava Rock Rope Swing Spiced Rum Tree House Vintage Lantern	Red Tan 01 Brown 01 Gray 04 Brown 05 Gray Red 01 Tan 03 Gray 01 Red 01 Tan 02 Tan 01 Tan 01 Brown 01
Select®  Enhance®	Madeira Saddle/Barrel Woodland Brown Flint/New Winchester Grey Beach Dune Clam Shell Firepit Tiki Torch Gravel Path Lava Rock Rope Swing Spiced Rum Tree House Vintage Lantern Island Mist Havana Gold Acorn	Red Tan 01 Brown 01 Gray 04 Brown 05 Gray Red 01 Tan 03 Gray 01 Red 01 Tan 02 Tan 01 Tan 01 Brown 01 Gray
Select®  Enhance®	Madeira Saddle/Barrel Woodland Brown Flint/New Winchester Grey Beach Dune Clam Shell Firepit Tiki Torch Gravel Path Lava Rock Rope Swing Spiced Rum Tree House Vintage Lantern Island Mist Havana Gold	Red Tan 01 Brown 01 Gray 04 Brown 05 Gray Red 01 Tan 03 Gray 01 Red 01 Tan 02 Tan 01 Tan 01 Brown 01 Gray Tan 01

Brown 01
Brown 05
Gray
Gray 01
Gray 03
Gray 04
Red
Red 01
Tan
Tan 01
Tan O2
Tan 03
Tan 04
White O1

White 01

# **Fastener Overview, Nails**

SIMPSON Strong-Tie

# Nail Sizes

The most 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.

# Nail Penny Size Lengths

Nail Size	Length	
	in.	mm
2d	1.00	25.4
3d	1.25	31.7
4d	1.50	38.1
5d	1.75	44.4
6d	2.00	50.8
7d	2.25	57.1
8d	2.50	63.5
9d	2.75	69.8
10d	3.00	76.2
12d	3.25	82.5
16d	3.50	88.9
20d	4.00	101.6
30d	4.50	114.3
40d	5.00	127.0
50d	5.50	139.7
60d	6.00	152.4
70d	7.00	177.8

## 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

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

#### **Fastener Overview. Nails**

# SIMPSON Strong-Tie

# 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 11/4" 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: 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.

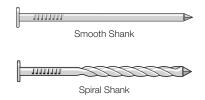
**Siding:** A wire nail with a shank that is typically 0.099" or less in diameter and a smaller head than other nails of the same size to help conceal the fastener after installation.

#### 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





# **Fastener Overview, Screw Features**



# Screw Head Styles



Flat Head



Flat Head with Nibs



Ribbed Flat Head



Bugle Head



Trim Head



Trim Head with Nibs



Cap Head



Ribbed Wafer Head



Truss Head



Modified Truss Head



Pan Head



Flat-Pan Head



Pancake Head



Ultra-Low Profile Pancake Head



Hex-Washer Head



Washer Head



Rimmed Flat Head with Nibs



Cap-Style Head



Trim-Pan Head



Compact Head



Underhead Box Nib

# **Fastener Overview, Screw Features**

# SIMPSON Strong-Tie

# Screw Thread Styles



Coarse Threads



Twin Threads



Metal Tapping Threads



Box Threads



High-Low Threads



Serrated Threads



Reverse Threads



I/m. uda

# Screw Point Styles



Sharp Point **Application:**Wood and thin metal



Type-17 Point **Application:**Wood, composite and thin metal



Drill Point

Application:

Metal



Pilot Point

Application:

Wood-to-metal



Drill Point with Wings **Application:** Wood-to-metal



Paddle Point

Application:

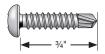
Hardwood



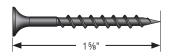
Saw Tooth **Application:** Wood, Engineered Wood



Sharp Point with Nib **Application:** Wood, composite



Measure pan, pancake, truss, washer and hex-head screws from under head to point

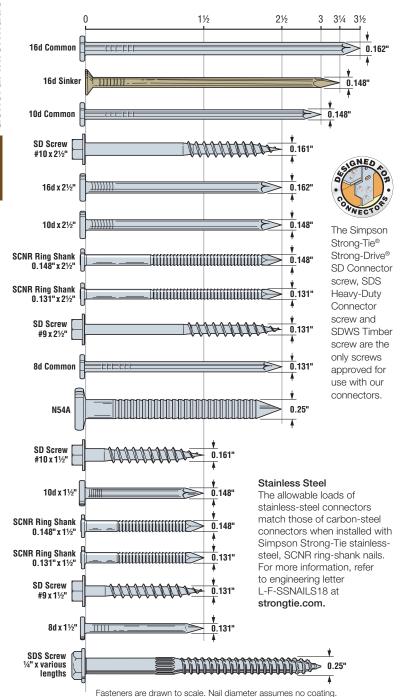


Measure all other screws from top of head to point

# **Fastener Types**

SIMPSON

Strong-Tie



## **Custom-Order Nails**

# SIMPSON Strong-Tie

# We Make Nails To Your Specification

Simpson Strong-Tie is proud to be one of the last remaining manufacturers of stainless-steel and copper-alloy nails in the United States. While we specialize in AISI-Type 316 and 304 stainless steel, aluminum, brass, commercial bronze, copper and silicon bronze, exotic alloys pose no problem - provided their mechanical properties are within our manufacturing capabilities. To further help our customers, we employ a "Cut Close. Ship All" fulfillment methodology. Call Simpson Strong-Tie for details, and visit strongtie.com to download worksheet T-NAIL-WS11 which provides the necessary information.



# Custom Color Matching

Simpson Strong-Tie offers fasteners in a variety of stock colors to match popular construction materials such as cedar and redwood lumber, major brands of composite decking and siding/ trim material. Custom color matching is also available to match virtually any material. Material samples or a Pantone® color number are required and 3–4 week lead times are standard. Call Simpson Strong-Tie for details.







# Fastener Application Guide

Decks, Docks and Boardwalks	
Subfloor and Sheathing Applications	30
Underlayment and Backerboard	
Applications	32
Siding on Wood and Steel	33
Roofing	35
Wood Framing	38
Fasteners for Simpson Strong-Tie Connectors	41
Finishing, Millwork and Trim	42
Fastening to Metal	44
Fencing	47
Log Homes	
Truss-Ply Fastening Applications	50
Drywall and Exterior Gypsum	
Sheathing Applications	51
Crating	52
Boat Building / Marine Trade	54

## **General Information**







# Screws, Nails and Specialty

Strong-Drive® SDWS **FRAMING** Screw



Flat head with box nibs, Quik Guard® coating, p. 58 Strong-Drive SDWS **TIMBER** Screw



Washer head, double-barrier coating, p. 59

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



Hex-washer head, double-barrier coating, p. 60

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



Hex head, Type 316 stainless steel, p. 61

Strong-Drive
SDWH TIMBER-HEX HDG Screw



Hex-washer head, Class C, hot-dip galvanized, p. 62

DSV **WOOD** Screw



Rimmed flat head with nibs, Quik Guard® coating, pp. 68–69

Deck-Drive
DWP **WOOD SS** Screw



Flat with nibs and trim heads, Types 316 and 305 stainless steel, painted head, pp. 70–72 Deck-Drive

Deck-Drive™

DHPD HARDWOOD Screw



Cap head, Type 305 stainless steel, p.73

## **Decks, Docks and Boardwalks**



# Screws, Nails and Specialty (cont.)

Deck-Drive™

DCU **COMPOSITE** Screw



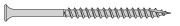
Cap head, Types 316 and 305 stainless steel, Quik Guard® coating, pp. 81–82

Trim-Head Screw



Trim head, Types 316 and 305 stainless steel, painted head, pp. 77–80

#### Bugle-Head Wood Screw



Bugle head, Types 316 and 305 stainless steel, pp. 74–76

## Cedar Redwood Decking Nail



Types 316 and 304 stainless steel, p. 235

# Preservative-Treated Wood Decking Nail



Types 316 and 304 stainless steel, p. 115

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







pp. 137-138

## **Decks, Docks and Boardwalks**

# SIMPSON Strong-Tie

# Collated Nails

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



Types 316 and 304 stainless steel and silicon bronze, p. 155

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



Types 316 and 304 stainless steel, p. 235  $\,$ 

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



Type 304 stainless steel, p. 154

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



Types 316 and 304 stainless steel and silicon bronze, p.157

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



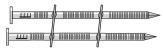
Types 316 and 304 stainless steel, p. 159

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



Type 304 stainless steel, p. 158

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



Types 316 and 304 stainless steel, p. 146

# **Decks. Docks and Boardwalks**



# Collated Screws for the *Quik Drive* System

Deck-Drive<sup>™</sup>
DSV **WOOD** Screw



Rimmed flat head with nibs, Quik Guard® coating, p. 206 Deck-Drive
DWP **WOOD SS** Screw



Flat head, Types 316 and 305 stainless steel, p. 207

Deck-Drive
DHPD **HARDWOOD** Screw



Cap head, Type 305 stainless steel, #10 compact head, p. 207

Deck-Drive

DCSD COMPOSITE-TO-STEEL Screw



Cap head, Quik Guard® coating, p. 215

Deck-Drive

DCU **COMPOSITE** Screw



Cap head, Types 316 and 305 stainless steel, Quik Guard® coating pp. 213-214

Trim-Head Screw: Type-17 Point



Trim head, Quik Guard® coating, p. 209

Trim-Head Screw: Sharp Point



Trim head, Types 316 and 305 stainless steel, p. 208

Bugle-Head Wood Screw



Bugle head, Types 316 and 305 stainless steel, p. 209

# **Subfloor and Sheathing Applications**







# Screws

Strong-Drive®
WSNTL **SUBFLOOR** Screw



Yellow zinc coating, twin thread, p. 90

Strong-Drive

PPSD SHEATHING-TO-CFS Screw



Quik Guard® or yellow zinc coating, p. 94

#### Strong-Drive

TB WOOD-TO-STEEL Screw



Black phosphate, mechanically galvanized coating, p. 93

# Collated Screws for the Quik Drive® System

Strong-Drive

WSNTL SUBFLOOR Screw



Yellow zinc coating, twin thread, p. 218

Strong-Drive



Yellow zinc coating, p. 217



WSHL Subfloor Screw



Gray phosphate coating, high-low threads, p. 219

Strong-Drive

PPSD **SHEATHING-TO-CFS** Screw



Quik Guard® or yellow zinc coating, p. 226

# **Subfloor and Sheathing Applications**



# Collated Screws for the **Quik Drive**® System (cont.)

WSC Wood Screw



Yellow zinc coating, coarse thread, p. 211

CBSDQ

Sheathing-to-CFS Screw



QuikGuard® coating, p. 230

Strong-Drive®

TB WOOD-TO-STEEL Screw



Black phosphate, yellow zinc, mechanically galvanized coating, p. 224

# **Underlayment and Backerboard Applications**







# Screws

Cement Board Screw



Multilayer coating, p. 130

MTH Underlayment Screw



Gray phosphate, p. 91

# Collated Screws for the Quik Drive® System

CB3BLGHL Cement Board Screw



C-3 mechanically galvanized coating, p. 210

Wood Underlayment Screw



Gray phosphate or yellow zinc coating, p. 220

**DWF** Drywall-to-CFS Screw



Gray phosphate coating, p. 231

**DWFSD** 

Drywall-to-CFS Screw



Yellow zinc coating, p. 231

**DWC** Drywall Screw

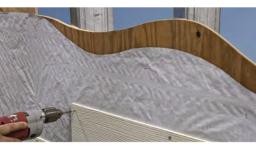


Gray phosphate, yellow zinc or N2000 galvanized coating, p. 219

# Siding on Wood and Steel

# SIMPSON Strong-Tie





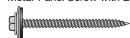
# Screws and Nails

Metal-Panel Screw



Washer head, Type 316 stainless steel, p. 131

## Metal-Panel Screw with EPDM Washer



Type 316 stainless steel, p. 132

# Wire-Lathe Modified Truss-Head Screw



Type 305 stainless steel, p. 136

#### Fiber-Cement Screw



Type 316 stainless steel, p. 131

#### Self-Drilling Fiber-Cement Screw



Type 410 stainless steel, p. 98

#### Self-Drilling Siding Screw



Type 410 stainless steel, p. 100

#### Self-Drilling Wire-Lath Modified Truss-Head Screw



Type 410 stainless steel, p. 102

#### Wood Siding Nail



Types 316 and 304 stainless steel, p. 109

# Shake and Shingle Siding/Roofing Nail



Types 316 and 304 stainless steel, p. 118

#### Painted Siding Nail



Types 316 and 304 stainless steel, p. 116

# Siding on Wood and Steel

# SIMPSON Strong-Tie

# Screws and Nails (cont.)





Type 316 stainless steel, p. 113





Types 316 and 304 stainless steel, p. 235

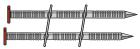
# Collated Nails and Staples

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



Types 316 and 304 stainless steel, p. 146

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



Type 304 stainless steel, p. 148

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



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

7/16" Crown, 16-Gauge Staple



Types 316 and 304 stainless steel, p. 165

1/2" Crown, 16-Gauge Staple



Types 316 and 304 stainless steel, p. 167

# Collated Screws for the **Quik Drive**® System

CBSDQ Sheathing-to-CFS Screw



Quik Guard® coating, p. 230

CB3BLGHL Cement-Board Screw



C-3 galvanized coating, p. 210





# Screws and Nails

Shake and Shingle Siding/ Roofing Nail



Types 316 and 304 stainless steel, p. 118

Roofing, Tile and Slating Nail



Types 316 and 304 stainless steel, copper and aluminum, p. 235

#### Washered Roofing Nail



Type 304 stainless steel, p. 235

Nail with EPDM Washer



Types 316 and 304 stainless steel, p. 235

#### Metal-Panel Screw



Washer head, Type 316 stainless steel, p. 131

Metal-Panel Screw with FPDM Washer



Type 316 stainless steel, p. 132

#### Pancake-Head Screw



Type 410 stainless steel, p. 135

## Self-Drilling Pancake-Head Screw



Type 410 stainless steel, p. 96

#### Strong-Drive®

#### **SELF-DRILLING X METAL Screw**



5/16" hex head, Quik Guard® and clear zinc coating, p. 235

# Roofing



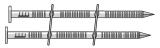
# Collated Nails and Staples

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



Types 316 and 304 stainless steel, p. 150

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



Types 316 and 304 stainless steel, p. 149

7/16" Crown, 16-Gauge Staple



Types 316 and 304 stainless steel, p. 169

## 1/2" Crown, 16-Gauge Staple



Type 316 stainless steel, p. 167

#### Roofing

# Strong-Tie

# Collated Screws for the Quik Drive® System

PC Standing-Seam-Roofing Panel Clip Screw



Type-17 point, clear zinc or Quik Guard® coating and Type 410 stainless steel, p. 221

HJ Metal Roofing/Siding Panel Screw



Type 305 stainless steel, p. 235

HG Metal Roofing/Siding Panel Screw



Class 55 galvanized coating, Type-17 point, p. 235 WSCD Roofing Tile Screw



Miami-Dade 10-0330.06 compliant, meets ASTM B695 Class 55 mechanically galvanized coating, p. 212

WSCT Roofing Tile Screw



Meets ASTM A641 Class 1 standard, heavy-zinc electroplate coating, p. 212 SSWSCB Roofing Tile Screw



Type-17 point, Type 305 stainless steel, p. 212

#### **Wood Framing**

## SIMPSON Strong-Tie





## Screws

Strong-Drive® SDWS **FRAMING** Screw



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

Strong-Drive SDWS **TIMBER** Screw



Washer head, double-barrier coating, p. 59

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



Hex-washer head, double-barrier coating, p. 60

Strong-Drive

SDWH TIMBER-HEX HDG Screw



Hex-washer head, Class C, hot-dip galvanized, p. 62

Strong-Drive

SDWH TIMBER-HEX SS Screw



Type 316 stainless steel, p. 61

Strong-Drive

SDW TRUSS-PLY Screw



Washer head, E-Coat™ coating, p. 87

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



Washer head, E-Coat coating, p. 86

Strong-Drive

SDWC TRUSS Screw

Clear zinc coating (with orange topcoat), p. 85

Strong-Drive

SDWV SOLE-TO-RIM Screw





Clear zinc coating, p. 90

#### **Wood Framing**



## Screws (cont.)

Strong-Drive®



Washer head, E-Coat<sup>™</sup> coating, p. 88

Strong-Drive

SDWF FLOOR-TO-FLOOR Screw



E-Coat coating, p. 89

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



Type 316 stainless steel and double-barrier coating, p. 66

Strong-Drive

SD CONNECTOR Screw



Class 55 mechanically galvanized, p. 67

## Nails

#### Common Nail, Ring-Shank



Types 316 and 304 stainless steel, p. 111

Common Nail, Smooth-Shank



Types 316 and 304 stainless steel, hot-dip galvanized, p. 235

#### Post and Beam Nail, Ring-Shank



Types 316 and 304 stainless steel, p. 235

Box Nail, Ring-Shank



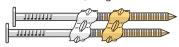
Types 316 and 304 stainless steel, p. 108

## **Wood Framing**

# SIMPSON Strong-Tie

## Collated Nails

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



Types 316 and 304 stainless steel, p. 155

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



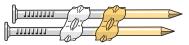
Types 316 and 304 stainless steel, p. 235

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



Type 304 stainless steel,p. 154

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



Types 316 and 304 stainless steel, p. 235

28° Wire Weld Clipped Head, Ring-Shank Nail



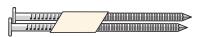
Type 304 stainless steel, p. 158

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



Types 316 and 304 stainless steel, p. 157

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



Types 316 and 304 stainless steel, p. 159

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



Types 316 and 304 stainless steel, p. 151

### Fasteners for Simpson Strong-Tie® Connectors







# Screws and Nails

Strong-Drive®

SD CONNECTOR Screw



Class 55 mechanically galvanized, p. 67

Strong-Drive SDS

**HEAVY-DUTY CONNECTOR Screw** 



Double-barrier coating, Type 316 stainless steel, p. 66

Wafer-Head Screw



Clear zinc coating, p. 91

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



5/16" hex head, Quik Guard® coating, p. 235

Strong-Drive SCNR

**RING-SHANK CONNECTOR** Nail



Type 316 stainless steel, hot-dip galvanized, bright, p. 124

Strong-Drive SCN

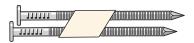
SMOOTH-SHANK CONNECTOR Nail



Hot-dip galvanized, p. 125

## Collated Nails

Strong-Drive
33° SCNR RING-SHANK
CONNECTOR Nail



Type 316 stainless steel, p. 143

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



Class D, hot-dip galvanized, bright, electrogalvanized, p. 142

#### Finishing, Millwork and Trim



# Screws and Nails

Deck-Drive™ DWP **WOOD SS** Screw



Trim-head, Types 305 and 316 stainless steel, p. 72

Trim-Head Screw



Types 316 and 305 stainless steel, painted head, pp. 77–78

Finishing Nail

Types 316 and 304 stainless steel, p. 114

PVC Trim-Board Screw



White exterior-grade coating, p. 128

**PVC Trim-Board Nail** 

Type 316 stainless steel, p. 125

#### Finishing, Millwork and Trim

# Strong-Tie

## Collated Nails

20° Adhesive Collation T-Style Head Angle Finishing Nail



16 gauge, Types 316 and 304 stainless steel, p. 160

25° Adhesive Collation FN-Style Head Angle Finishing Nail



15 gauge, Types 316 and 304 stainless steel, p. 161

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



Types 316 and 304 stainless steel, p. 162

18-Gauge Straight Adhesive Collation T-Style Head Brads



Types 316 and 304 stainless steel, p. 163

Adhesive Collation Straight Headless Micro Pins



23 gauge, Type 304 stainless steel, p. 235

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



Types 316 and 304 stainless steel, p. 144

# Collated Staples

1/4" Crown, 18-Gauge Staple



Types 316 and 304 stainless steel, p. 168

#### **Fastening to Metal**

### SIMPSON Strong-Tie





## Screws

Strong-Drive®

XL LARGE-HEAD METAL Screw



5/16" hex head, Quik Guard® coating, p. 235

Strong-Drive

XM MEDIUM-HEAD METAL Screw



5/16" hex head, Quik Guard coating, p. 235

Strong-Drive XE EXTERIOR STRUCTURAL METAL Screw



5/16" hex head, Quik Guard coating, p. 235

Strong-Drive

FPHSD FRAMING-TO-CFS Screw



Flat-pan head, clear zinc coating, p. 95

Strong-Drive

PPSD SHEATHING-TO-CFS Screw



Quik Guard and yellow zinc coating, p. 94

Strong-Drive

**SELF-DRILLING X METAL Screw** 



% hex head, Quik Guard and clear zinc coating, p. 235

Self-Drilling

Fiber-Cement Screw



Type 410 stainless steel, p. 98

#### **Fastening to Metal**

# Strong-Tie

# Screws (cont.)

Self-Drilling Siding Screw



Type 410 stainless steel, p. 100

Self-Drilling Wire-Lath Modified Truss-Head Screw



Type 410 stainless steel, p. 102

Self-Drilling Flat-Head Screw with Wings



Type 410 stainless steel, p. 99

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



#4 drill point, black phosphate, mechanically galvanized coating, p. 93

Self-Drilling Wafer-Head Screw with Wings



Type 410 stainless steel, p. 101

Pancake-Head Screw



Type 410 stainless steel, Quik Guard® and clear zinc coating, p. 135

#### **Fastening to Metal**

## SIMPSON Strong-Tie

# Collated Screws for the Quik Drive® System

Strong-Drive®

XL LARGE-HEAD METAL Screw



Quik Guard® coating, p. 235

Strong-Drive

XM MEDIUM-HEAD METAL Screw



Quik Guard coating, p. 235

Strong-Drive

**SELF-DRILLING X METAL Screw** 



5/16" hex head, Quik Guard and clear zinc coating, p. 235

Strong-Drive

TB WOOD-TO-STEEL Screw



#4 drill point, black phosphate, yellow zinc, mechanically galvanized coating, p. 223

Strong-Drive

PPSD SHEATHING-TO-CFS Screw



#3 drill point, Quik Guard, yellow zinc coating, p. 226

FHSD Wood-to-CFS Screw



#2 drill point, Type 410 stainless steel, p. 232

DWFSD Drywall-to-CFS Screw



Drywall to steel, #2 point, yellow zinc coating (54, 43 mil / 16, 18 ga.), p. 231

CBSDQ Sheathing-to-CFS Screw



Sheathing to steel, #2 drill point, Quik Guard coating, p. 230

DWF Drywall-to-CFS Screw



Drywall to steel, gray phosphate coating (33, 27, 18 mil / 20, 22, 25 ga.), p. 231







# Screws and Nails

Strong-Drive® SDWS **FRAMING** Screw



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

Strong-Drive SDWS **TIMBER** Screw



Washer head, double-barrier coating, p. 59

Strong-Drive

SDWH TIMBER-HEX Screw



Hex-washer head, double-barrier coating, p. 60

Strong-Drive
SDWH TIMBER-HEX SS Screw



Hex head, Type 316 stainless steel, p. 61

Strong-Drive SDS **HEAVY-DUTY** 

**CONNECTOR** Screw



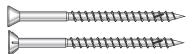
Hex head, double-barrier coating, Type 316 stainless steel, p. 66

Deck-Drive<sup>™</sup> DSV **WOOD** Screw



Rimmed flat head with nibs, Quik Guard® coating, p. 68

Deck-Drive DWP WOOD SS Screw



Flat and trim heads, Types 316 and 305 stainless steel; painted head, Types 316 and 305 stainless steel, pp. 70–73

Trim-Head Screw



Trim head, Types 316 and 305 stainless steel; painted head, Types 316 and 305 stainless steel, pp. 77–78

**Bugle-Head Wood Screw** 



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

#### **Fencing**

## Collated Nails

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



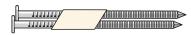
Types 316 and 304 stainless steel, p. 155

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



Type 304 stainless steel, p. 158

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



Types 316 and 304 stainless steel, p. 159

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



Types 316 and 304 stainless steel, p. 144

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



Types 316 and 304 stainless steel, p. 144

# Collated Screws for the Quik Drive® System

Deck-Drive<sup>™</sup>
DSV **WOOD** Screw



Flat head, Quik Guard® coating, p. 206

Deck-Drive
DWP **WOOD SS** Screw



Flat head, Types 316 and 305 stainless steel, p. 207

WSC Wood Screw



Flat head, N2000® coating, p. 222







## Screws

Strong-Drive® SDWS LOG Screw



E-Coat™, p. 88

#### **Steel Decking**



# Collated Screws for the Quik Drive® Systems

Strong-Drive
XL LARGE-HEAD METAL Screw



Quik Guard® coating, p. 235

Strong-Drive
XM MEDIUM-HEAD METAL Screw



Quik Guard coating, p. 235

Strong-Drive

**SELF-DRILLING X METAL** Screw



5/16" hex head, Quik Guard and clear zinc coating, p. 235

### **Truss-Ply Fastening Applications**







## Screws

Strong-Drive® SDW **TRUSS-PLY** Screw



Multi-ply fastening washer head E-Coat™ coating, p. 87

# Collated for the **Quik Drive** System

Strong-Drive

WSNTL WOOD Screw



Twin thread, Quik Guard® coating, p. 216

**Drywall and Exterior Gypsum Sheathing Applications** 

Fastener Application Guide





# Collated Screws for the Quik Drive® System

**DWC Drywall Screw** 



Drywall to wood, gray phosphate, N2000® coating, p. 219

DWF Drywall-to-CFS Screw



Drywall to steel, gray phosphate coating (33, 27, 18 mil / 20, 22, 25 ga.), p. 231

**DWHL Drywall Screw** 



High-low threads, gray phosphate coating, p. 220

DWFSD Drywall-to-CFS Screw



Drywall to CFS, Quik Guard® and yellow zinc coating, p. 231

#### Crating







## Screws

Strong-Drive® SDWS **FRAMING** Screw



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

Strong-Drive SDWS **TIMBER** Screw



Washer head, double-barrier coating, p. 59

Wafer-Head Screw



Clear zinc coating, p. 91

Deck-Drive<sup>™</sup>
DSV **WOOD** Screw



Rimmed flat head with nibs, Quik Guard coating, p. 68

Strong-Drive

WSNTL SUBFLOOR Screw



Yellow zinc coating, twin thread, p. 90

SIMPSON

# Collated Screws for the Quik Drive® System

**DWC Drywall Screw** 



Gray phosphate, N2000® coating, p. 219

Strong-Drive®
WSV SUBFLOOR Screw



Yellow zinc coating, p. 217

Strong-Drive
WSNTL **WOOD** Screw



Twin thread, Quik Guard® coating, p. 216

PHSS Wood Screw



Yellow zinc coating, p. 222

WSHL Subfloor Screw



Gray phosphate coating, high-low threads, p. 219

Deck-Drive<sup>™</sup> DSV **WOOD** Screw



Rimmed flat head with nibs, Quik Guard coating, p. 206

## **Boat Building / Marine Trade**







## Screws and Nails

Marine Screw - Flat Head



Type 316 stainless steel, p. 127

Marine Screw - Pan Head



Type 316 stainless steel, p. 126

#### Roofing — Annular Ring-Shank



Silicon bronze available for special order, p. 119

#### Finishing Nail



Type 316 stainless steel, p. 114

#### Premium Common Nail



Type 316 stainless steel, passivated, p. 107

#### Common Nail — Annular Ring-Shank



Types 316 and 304 stainless steel, silicon bronze, p. 111

#### Common Nail - Smooth Shank



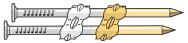
Types 316 and 304 stainless steel, silicon bronze, p. 235

#### **Boat Building / Marine Trade**

## SIMPSON Strong-Tie

## Collated Nails

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



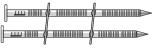
Types 316 and 304 stainless steel, p. 235

15° Wire Coil, Full Round Head, Roofing Nail



Types 316 and 304 stainless steel, p. 149

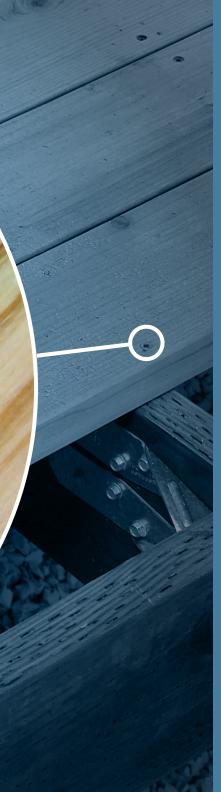
15° Wire Coil, Full Round Head, Ring-Shank Nail



Types 316 and 304 stainless steel, p. 151







# Screws

Exterior ociews	
Strong-Drive® SDWS FRAMING Screw	. 58
Strong-Drive SDWS TIMBER Screw	. 59
Strong-Drive SDWH TIMBER-HEX Screw	
Strong-Drive SDWH TIMBER-HEX SS Screw	. 61
Strong-Drive SDWH TIMBER-HEX HDG Screw	
OUTDOOR ACCENTS® Structural Wood Screw	. 63
OUTDOOR ACCENTS Hex-Head Washer	. 64
OUTDOOR ACCENTS Connector Screw	. 65
Strong-Drive SDS HEAVY-DUTY	
CONNECTOR Screw	
Strong-Drive SD CONNECTOR Screw	
Deck-Drive™ DSV WOOD Screw	. 68
${\sf Deck\text{-}Drive\ DWP\ WOOD\ SS\ Screw\ -\ Flat\ Head}.$	. 70
${\sf Deck\text{-}Drive\ DWP\ WOOD\ SS\ Screw\ -\ Trim\ Head}$	
Deck-Drive DHPD HARDWOOD Screw	. 73
Bugle-Head Wood Screw — 6-Lobe Drive	. 74
Bugle-Head Wood Screw — Square Drive	. 75
Trim-Head Screw — Square Drive	. 77
Trim-Head Screw — 6-Lobe Drive	. 78
Composite Decking Screws	
Deck-Drive DCU COMPOSITE Screw	Ω1
Deck-Drive DCU Screw Plug Solution	
Deck-Drive Doo Sciew Flag Solution	. 00
Interior Screws	
Strong-Drive SDWC TRUSS Screw	
Strong-Drive SDW EWP-PLY Screw	
Strong-Drive SDW TRUSS-PLY Screw	
Strong-Drive SDWS LOG Screw	
Strong-Drive SDWF FLOOR-TO-FLOOR Screw	
Strong-Drive SDWV SOLE-TO-RIM Screw	
Strong-Drive WSNTL SUBFLOOR Screw	
Wafer-Head Screw	. 91
MTH Underlayment Screw	
Self-Drilling E Metal Screw	
Strong-Drive TB WOOD-TO-STEEL Screw	
Strong-Drive PPSD SHEATHING-TO-CFS Screw.	
Strong-Drive FPHSD FRAMING-TO-CFS Screw .	
Self-Drilling Pancake-Head Screw	
Self-Drilling Bugle-Head Screw	
Self-Drilling Fiber-Cement Screw	
Self-Drilling Flat-Head Screw with Wings	
Self-Drilling Siding Screw	
Self-Drilling Wafer-Head Screw with Wings	101
Self-Drilling Wire-Lath Modified	100
Truss-Head Screw	
Driver Bits	103



# **Strong-Drive**® SDWS **FRAMING** Screw

#### Multipurpose Wood and Engineered Wood Including Framing

The SDWS Framing screws are designed and load-rated for replacing 16d, 10d and 8d nails in framing applications. It is code listed under IAPMO-UES ER-192 and meets 2012 and 2015 IRC® and IBC® code requirements for several common wood framing applications.

The T-25 bit holds the 6-lobe recess tightly, reducing cam-out and head stripping.

#### Features

- Large head with underhead box-nibs provides increased bearing in structural applications and provides clean and easy countersinking (0.44" head dia.)
- SawTooth<sup>™</sup> point for quick starts with no predrilling
- Serrated threads reduce installation torque for easier driving
- Quik Guard® coating provides protection in indoor and outdoor applications
- Qualified for use in wood and engineered wood

Codes/Standards: IAPMO-UES ER-192, State of Florida FL13975

US Patent 9,523,383



## Quik Guard® Coating

Size Dia. x L (in.)		Retail Pack			N	lini-Bulk	Bulk		
	Thread L Length (in.)	Fasteners per Pack	Packs per Master Carton		Fasteners per Pack	Model No.	Fasteners per Pack	Model No.	
0.160 x 2½	1.125	75	12	SDWS16212QR75	250	SDWS16212QMB	1,000	SDWS16212Q	
0.160 x 3	1.625	75	12	SDWS16300QR75	250	SDWS16300QMB	1,000	SDWS16300Q	

Replacement driver bit: BIT25T-2.



# Strong-Drive® SDWS TIMBER Screw

#### 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. It is code listed under IAPMO-UES ER-192 and meets 2012 and 2015 IRC® and IBC® code requirements for several common wood framing applications.

#### **Features**

- Patented SawTooth<sup>™</sup> point ensures fast starts, reduces installation torque and eliminates the need for predrilling in most applications
- · Under-head nibs offer greater control when seating the head
- Large washer head provides maximum bearing area (0.75" head dia.)
- 6-lobe T-40 drive reduces driver-bit cam-outs, resulting in easier installations and longer bit life
- · Qualified for use in wood and engineered wood

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, State of Florida FL13975, City of Los Angeles RR25906

US Patent 9,523,383



## Double-Barrier Coating

		Retail Clam				Retail Pack		Mini-Bulk	Bulk		
Size Dia. x L (in.)	Thread Length (in.)			Model No.	Fast. Per Pack	Model No.	Fast. Per Pack	Per Model No.		Model No.	
0.220 x 3	1 ½	12	10	SDWS22300DB-RC12	50	SDWS22300DB-R50	250	SDWS22300DBMB	950	SDWS22300DB	
0.220 x 4	2 %	12	10	SDWS22400DB-RC12	50	SDWS22400DB-R50	250	SDWS22400DBMB	600	SDWS22400DB	
0.220 x 5	2 3/4	12	10	SDWS22500DB-RC12	50	SDWS22500DB-R50	250	SDWS22500DBMB	600	SDWS22500DB	
0.220 x 6	2 3/4	12	10	SDWS22600DB-RC12	50	SDWS22600DB-R50	250	SDWS22600DBMB	500	SDWS22600DB	
0.220 x 8	2 3/4	12 10 SDWS22800DB-RC12		50	SDWS22800DB-R50	250	SDWS22800DBMB	400	SDWS22800DB		
0.220 x 10	2 3/4	12	10	SDWS221000DBRC12	50	SDWS221000DB-R50	_	_	250	SDWS221000DB	

Retail and mini-bulk packs include one 6-lobe, T-40 driver bit; bulk packs include two driver bits.

# Strong-Drive® SDWH TIMBER-HEX Screw

#### Structural Wood and Engineered Wood Connections Including Ledgers

Ideal for structural: and general-purpose fastening applications where a hex-head drive is preferred. It is code listed under IAPMO-UES ER-192 and meets 2012 and 2015 IRC® and IBC® code requirements for several common wood framing applications.

#### **Features**

- Patented SawTooth<sup>™</sup> point ensures fast starts, reduces installation torque and eliminates the need for predrilling in most applications
- Under-head nibs offer greater control when seating the head
- Large washer head provides maximum bearing area (0.64" washer head dia.)
- 5/16" hex drive (replacement driver bit - BITHEXR516-134)
- Qualified for use in wood and engineered wood

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, State of Florida FL13975

US Patent 9,523,383





#### **Double-Barrier Coating**

a:			Retail Clam		Retail Pack		Mini-Bulk	Bulk		
Size Dia. x L (in.)	(in.)			Fast. Per Pack	Per Model No.		Model No.	Fast. Per Pack	Model No.	
0.195 x 3	1 ½	12	SDWH19300DB-RC12	50	SDWH19300DB-R50	250	SDWH19300DBMB	1,000	SDWH19300DB	
0.195 x 4	2 3/8	12	SDWH19400DB-RC12	50	SDWH19400DB-R50	250	SDWH19400DBMB	800	SDWH19400DB	
0.195 x 6	2 3/4	12	SDWH19600DB-RC12	50	SDWH19600DB-R50	250	SDWH19600DBMB	600	SDWH19600DB	
0.195 x 8	2 3/4	12	SDWH19800DB-RC12	50	SDWH19800DB-R50	250	SDWH19800DBMB	500	SDWH19800DB	
0.195 x 10	2 3/4	12	SDWH191000DBRC12	50	SDWH191000DB-R50	_	_	250	SDWH191000DB	

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

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

### Structural Wood and Engineered Wood Connections Including Ledgers, Docks and Piers

Stainless-steel structural fasteners designed for lag-screw replacement. These 0.188" and 0.276" diameter hex-head fasteners require no predrilling. They meet 2012 and 2015 IRC® and IBC® code requirements for several common wood framing applications.

#### **Features**

- No predrilling necessary in most applications
- Driver bit included (replacement driver bit – BITHEXR516-134 or BITHEXR12-134)
- Can be used in ledger applications
- Unique "box" thread design with raisedridge technology significantly reduces driving torque.



### Type 316 Stainless Steel

Size	Hex	Hex			ally Flagged Retail Box		Package	Bucket		
Dia. x L (in.)	Drive (in.)	Washer Dia. (in.)	Length (in.)	Fast. Per Pack	Per No		Model No.	Fast. Per Pack	Model No.	
0.188 x 4	5/16	0.45	2.40	_	_	20	SDWH19400SS-R20	100	SDWH19400SS-R100	
0.188 x 4 ½	5/16	0.45	2.75	_	_	10	SDWH19450SS-R10	100	SDWH19450SS-R100	
0.188 x 5	5/16	0.45	2.40	_	_	10	SDWH19500SS-R10	100	SDWH19500SS-R100	
0.188 x 6	5/16	0.45	2.40	_	_	10	SDWH19600SS-R10	100	SDWH19600SS-R100	
0.188 x 8	5/16	0.45	2.40	_	_	10	SDWH19800SS-R10	50	SDWH19800SS-R50	
0.276 x 3	1/2	0.66	2.95	50	SDWH27300SS-RP1	10	SDWH27300SS-R10	100	SDWH27300SS-R100	
0.276 x 4	1/2	0.66	2.95	50	SDWH27400SS-RP1	10	SDWH27400SS-R10	100	SDWH27400SS-R100	
0.276 x 5	1/2	0.66	2.95	40	SDWH27500SS-RP1	10	SDWH27500SS-R10	50	SDWH27500SS-R50	
0.276 x 6	1/2	0.66	2.95	35	SDWH27600SS-RP1	10	SDWH27600SS-R10	50	SDWH27600SS-R50	
0.276 x 8	1/2	0.66	2.95	25	SDWH27800SS-RP1	10	SDWH27800SS-R10	25	SDWH27800SS-R25	
0.276 x 10	1/2	0.66	2.95	25	SDWH271000SS-RP1	5	SDWH271000SS-R5	25	SDWH271000SS-R25	
0.276 x 12	1/2	0.66	2.95	_	_	5	SDWH271200SS-R5	25	SDWH271200SS-R25	

# Strong-Drive® SDWH TIMBER-HEX HDG Screw

### Structural Wood and Engineered Wood Connections Including Ledgers, Docks and Piers

The SDWH Timber-Hex HDG screw is a 0.276 diameter hot-dip galvanized screw suitable for marine and coastal applications. Speed up your next pile job by replacing 3/4" and 5/8" HDG bolt/washer/nut assemblies (two screws for one bolt in many conditions) with the new Strong-Drive SDWH Timber-Hex HDG screw. It is code listed under IAPMO-UES ER-192 and meets 2012 and 2015 IRC® and IBC® code requirements for several common wood framing applications.

#### **Features**

- Burly 0.28" shank diameter for heavyduty structural applications
- SawTooth<sup>™</sup> point design for fast starts and no predrilling
- Oversized 0.93" diameter integral washer eliminates the need for a separate washer
- %" hex drive for secure driving (replacement driver bit - BITHEXR38-134)
- · Qualified for use in engineered-wood products

Codes/Standards: IAPMO-UES ER-192\*, City of Los Angeles RR25906, State of Florida FL13975

Install Tips: For best results, use a minimum of 1/2" low-speed corded drill to install US Patent 9.523.383



#### Class C, Hot Dip Galvanized

Size Dia.	Hex-	Thread	Individually Flagged Retail Box			Retail		Mini-Bulk	Bucket	
x L (in.)	Drive (in.)	Length (in.)	Fast. Per Pack	Model No.	Fast. Per Pack	Model No.	Fast. Per Pack	Model No.	Fast. Per Pack	Model No.
0.276 x 4	3/8	3	40	SDWH27400G-RP1	30	SDWH27400GR30	150	SDWH27400GMB	350	SDWH27400G
0.276 x 6	3/8	3	35	SDWH27600G-RP1	30	SDWH27600GR30	150	SDWH27600GMB	300	SDWH27600G
0.276 x 8	3/8	3	25	SDWH27800G-RP1	30	SDWH27800GR30	150	SDWH27800GMB	_	_
0.276 x 10	3/8	3	25	SDWH271000G-RP1	30	SDWH271000GR30	150	SDWH271000GMB	_	_
0.276 x 12	3/8	3	25	SDWH271200G-RP1	30	SDWH271200GR30	150	SDWH271200GMB		_
0.276 x 15	3/8	3	_	_	_	_	100	SDWH271500GMB	_	_

<sup>\*15&</sup>quot; SDWH Timber-Hex HDG screw is not listed in IAPMO-UES ER-192.

# crew

**Exterior Screws** 

# Outdoor Accents® Decorative Hardware

The new Outdoor Accents decorative hardware features connectors and fasteners for building custom outdoor living structures that are stylish and structurally strong. The line includes post bases, angles, T and L ties 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 patent-pending, load-rated Outdoor Accents hex-head washer, the solution delivers the decorative appearance of a bolted connection but with a much easier installation.

#### **Features**

- Use with Outdoor Accents decorative hardware and hex-head washer (sold separately) for an appealing look
- Use Outdoor Accents structural wood screw with sawn wood and engineered wood
- Qualified for use in treated wood and engineered wood
- SawTooth™ point ensures fast starts, reduces installation torque and eliminates the need for predrilling in most applications
- Black double-barrier coating provides premium look while providing a medium level of corrosion protection for many outdoor applications

Not intended for use in saltwater/seaside environments.

Codes/Standards: IAPMO-UES FR-192, State of Florida FI 13975

Install Tips: For best results, use a minimum of 1/2" low-speed corded drill to install





#### Black Double-Barrier Coating

Size Dia. x L (in.)	Thread Length (in.)	Retail Pack Quantity	Model No.
0.220 x 3½	2	12	SDWS22312DBBRC12
0.220 x 3½	2	50	SDWS22312DBB-R50
0.220 x 5½	2¾	12	SDWS22512DBBRC12



## Outdoor Accents® Hex-Head Washer

The Outdoor Accents hex-head washer provides the decorative appearance of a bolted connection. The hex-head washer is code listed (IAPMO-UES ER-192) and is designed exclusively to help fasten Outdoor Accents post bases, T and L straps, and angles.

#### **Features**

- Combined with the Outdoor Accents structural wood screw, it provides a structural load-rated solution
- Easy to install
- Black Quik Guard® coating for exterior use

Not intended for use in saltwater/seaside environments.

Codes/Standards: IAPMO-UES ER-192,

State of Florida FL13975 (STN)

US Patent 9,523,383





SDWS22312DBB with STN22 Hex-Head Washer

## Black Quik Guard Coating

Hex-Head Dia. (in.)	Hex-Head Washer Dia. (in.)	Retail Pack Quantity	Master Carton Quantity	Model No.
1	1½	8	10	STN22-R8

## Outdoor Accents® Connector Screw

The Outdoor Accents connector screw reduces installation time by driving easily without predrilling. Designed for installation with the Outdoor Accents APA21 90-degree angle, the screw's black finish accents any outdoor living project.

#### **Features**

- Use with Outdoor Accents decorative hardware (sold separately) 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 reduces cam-out for easier installation and helps avoid stripping of the head during installation

Not intended for use in saltwater/seaside environments.

Codes/Standards: ICC-ES ESR-3046, State of Florida FL9589



### Black Double-Barrier Coating

Size	Length (in.)	Retail Pack	Model
(in.)		Quantity	No.
#10	11/2	50	SD10112DBBR50



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

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

A 1/4" diameter high-strength structural wood screw ideal for various connector installations as well as wood-to-wood applications as well as wood-to-wood and engineered wood applications.

#### **Features**

- Type-17 point enables easy driving with no predrilling and minimal splitting
- Available with a double-barrier coating or Type 316 stainless steel
- %" hex head with 0.48" integral washer
- Replacement driver bit BITHEXR38-134

Install Tips: A low-speed 1/2" drill with a %" hex driver is the recommended tool for installation.

Codes/Standards: ICC-ES ESR-2236, City of L.A. RR25711, State of Florida FL9589

US Patent 9,523,383



# Type 316 Stainless Steel

Size	Thread		Retail Pack	Bulk			
(in.)	Length (in.)	Fasteners Per Pack	Model No.	Fasteners Per Pack	Model No.		
1/4 X 1 1/2	1	25	SDS25112SS-R25	1,500	SDS25112SS		
1/4 x 2	2 11/4 25		SDS25200SS-R25	_	_		
1/4 x 21/2	1 1/2	25	SDS25212SS-R25	1,100	SDS25212SS		
1/4 x 3	2	25	SDS25300SS-R25	950	SDS25300SS		
1/4 x 3 1/2	21/4	25	SDS25312SS-R25	900	SDS25312SS		
74 X 3 72	2 74	25	SDS25312SS-R25L*	_	_		

## Double-Barrier Coating



Size	Thread Length (in.)	R	etail Pack	Miı	ni Bulk	E	Bulk
(in.)		Fasteners Per Pack	Model No.	Fasteners Per Pack	Model No.	Fasteners Per Pack	Model No.
1/4 X 1 1/2	1	25	SDS25112-R25	300	SDS25112MB	1,500	SDS25112
1/4 x 2	11/4	25	SDS25200-R25	250	SDS25200MB	1,300	SDS25200
1/4 x 21/2	11/2	25	SDS25212-R25	200	SDS25212MB	1,100	SDS25212
1/4 x 3	2	25	SDS25300-R25	150	SDS25300MB	950	SDS25300
1/4 x 31/2	21/4	10	SDS25312-R10	125	SDS25312MB	900	SDS25312
74 X 3 72		25	SDS25312-R25L*	_	_	_	_
1/4 x 4 1/2	23/4	10	SDS25412-R10	100	SDS25412MB	800	SDS25412
1/4 x 5	23/4	10	SDS25500-R10		_	_	_
74 X S	294	25	SDS25500-R25L*	100	SDS25500MB	500	SDS25500
1/4 x 6	31/4	10	SDS25600-R10	100	SDS25600MB	600	SDS25600
1/4 x 8	91/.	50	SDS25800-R50		_	400	SDS25800
74 X O	31/4	10	SDS25800-R10	_	_	_	_



# **Strong-Drive®**SD **CONNECTOR** Screw

#### 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. 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.
- ¼" hex head with 0.37" dia. integrated washer reduces cam-out and is stamped

with the Simpson Strong-Tie "±" sign and the fastener size for easy identification after installation.

- Sharp point makes driving easy.
- Optimized heat treating for ductility and strength.

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 2012 and 2015 International Residential Code®.

Codes/Standards: ICC-ES ESR-3046, State of Florida FL9589

US Patent 9,523,383



### Mechanically Galvanized Coating - Class 55

		Retai	l Pack		Contracto	r Pack	Mini Bulk		
Size (in.)			Model No.	Fast. Per Pack	Packs Per Master Carton	Model No.	Fast. Per Pack	Model No.	
#9 x 1½	100	10	SD9112R100	500	3	SD9112R500	3,000	SD9112MB	
#9 x 2½	100	6	SD9212R100-R	500	2	SD9212R500	2,000	SD9212MB	
#10 x 1½	100	10	SD10112R100	500	3	SD10112R500	3,000	SD10112MB	
#10 x 2½	100	6	SD10212R100-R	500	2	SD10212R500	2,000	SD10212MB	



# **Deck-Drive**™ DSV **WOOD** Screw

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

The Deck-Drive DSV Wood screw is a powerful fastening solution for preservative-treated decking applications. With its under-head 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 on a battery charge
- High-low point provides fast starts
- Quik Guard coating provides corrosion resistance for exterior and certain preservative-treated wood applications
- T-25 6-lobe driver bit included (replacement driver bit – BIT25T-2)

This screw is also available collated for the Quik Drive system. See p. 206 for details.

US Patent 6,074,149



Quik G	uard®	Mini-Bu	lk			
Size (in.)	Head Dia. (in.)	1 lb. Model No.	5 lb. Model No.	350 ct. Model No.	Model No.	Count
#8 x 11/4	0.33	DSVT114R1LB	DSVT114R5LB	DSVT114R350	DSVT114MB	1,750
#8 x 1%	0.33	DSVT158R1LB	DSVT158R5LB	DSVT158R350	DSVT158MB	1,750
#10 x 2	0.33	DSVT2R1LB	DSVT2R5LB	DSVT2R350	DSVT2MB	1,750
#10 x 2½	0.33	DSVT212R1LB	DSVT212R5LB	DSVT212R350	DSVT212MB	1,750
#10 x 3	0.33	DSVT3R1LB	DSVT3R5LB	DSVT3R350	DSVT3MB	1,750
#10 x 3½	0.33	DSVT312R1LB	DSVT312R5LB	DSVT312R350	DSVT312MB	1,000
#10 x 4	0.33	DSVT4R1LB	DSVT4R5LB	DSVT4R350	DSVT4MB	1,000



# **Deck-Drive**™ DSV **WOOD** Screw (cont.)



Quik G	ard	Mini-Bulk				
Size (in.)	Head Dia. (in.)	1 lb. Model No.	5 lb. Model No.	350 ct. Model No.	Model No.	Count
#8 x 11/4	0.33	DSVR114R1LB	DSVR114R5LB	DSVR114R350	DSVR114MB	1,750
#8 x 1%	0.33	DSVR158R1LB	DSVR158R5LB	DSVR158R350	DSVR158MB	1,750
#10 x 2	0.33	DSVR2R1LB	DSVR2R5LB	DSVR2R350	DSVR2MB	1,750
#10 x 2½	0.33	DSVR212R1LB	DSVR212R5LB	DSVR212R350	DSVR212MB	1,750
#10 x 3	0.33	DSVR3R1LB	DSVR3R5LB	DSVR3R350	DSVR3MB	1,750
#10 x 3½	0.33	DSVR312R1LB	DSVR312R5LB	DSVR312R350	DSVR312MB	1,000
#10 x 4	0.33	DSVR4R1LB	DSVR4R5LB	DSVR4R350	DSVR4MB	1,000

SIMPSON Strong-Tie

# **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. 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 raisedridge 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
- 6-lobe drive helps prevent driver-bit cam-out, resulting in easier driving and longer bit life
- Used with wood, engineered wood and polymer materials

This screw is also available collated for the Quik Drive system. See p. 207 for details.

#### Flat-Head



### Type 316 Stainless Steel

Type of a Stanffed Stock								
Size	Size Head Bit 1 lb. 5 lb.			Deck Pack		Bulk Bucket		
(in.)	(in.)	Size	Model No.	Model No.	Count	Model No.	Count	Model No.
#8 x 11/4	0.34	T20	T08125WP1	T08125WP5	_	_	5,000	T08125WPB
#8 x 1%	0.34	T20	T08162WP1	_	350	T08162WPP	4,000	T08162WPB
#8 x 2	0.34	T20	T08200WP1	T08200WP5	350	T08200WPP	3,000	T08200WPB
#8 x 21/2	0.34	T20	T08250WPF1	T08250WPF5	_	_	1,750	T08250WPFB
#8 x 3	0.34	T20	T08300WPF1	T08300WPF5	_	_	1,750	T08300WPFB
#10 x 2	0.34	T25	T10200WP1	T10200WP5	_	_	2,500	T10200WPB
#10 x 21/2	0.34	T25	T10250WP1	T10250WP5	350	T10250WPP	1,750	T10250WPB
#10 x 3	0.34	T25	T10300WP1	T10300WP5	350	T10300WPP	1,750	T10300WPB
#10 x 3½	0.34	T25	T10350WP1	_	250	T10350WPP	1,000	T10350WPB
#10 x 41/2	0.34	T25	_	_	_	_	1,000	T10450WPCM
#12 x 21/2	0.44	T27	T12250WP1	T12250WP5	_	_	1,750	T12250WPB
#12 x 3	0.44	T27	T12300WP1	T12300WP5	_	_	1,500	T12300WPB
#12 x 3½	0.44	T27	T12350WP1	T12350WP5	_	_	1,000	T12350WPB
#12 x 4	0.44	T27	T12400WP1	T12400WP5	100	T12400WPP	750	T12400WPB
#12 x 41/2	0.44	T27	T12450WP1	T12450WP5	_	_	750	T12450WPB
#12 x 5	0.44	T27	T12500WP1	T12500WP5	_	_	500	T12500WPB
#12 x 6	0.44	T27	T12600WP1	T12600WP5	_	_	600	T12600WPB
#14 x 3	0.46	T27	T14300WP1	T14300WP5	_	_	1,000	T14300WPB
#14 x 31/2	0.46	T27	T14350WP1	T14350WP5	_	_	750	T14350WPB
#14 x 4	0.46	T27	_	T14400WP5	100	T14400WPP	700	T14400WPB
#14 x 5	0.46	T27	T14500WP1	T14500WP5	_	_	500	T14500WPB
#14 x 6	0.46	T27	T14600WP1	T14600WP5	_	_	500	T14600WPB

6-lobe bit replacements: T20 uses BIT20T-2; T25 uses BIT25T-2; T27 uses BIT27T-2.

# **Deck**·**Drive**<sup>™</sup> DWP WOOD SS Screw (cont.)

Decking, Docks and Boardwalks; Finishing, Millwork and Trim

#### Flat-Head



Type 3	05 8	staini	ess Steel	•	•	1	"-5" -	-
Size	Head Dia.	Bit	1 lb.	5 lb.	D	eck Pack	Bu	lk Bucket
(in.)	(in.)	Size	Model No.	Model No.	Count	Model No.	Count	Model No.
#8 x 11/4	0.34	T20	S08125WP1	S08125WP5	_	_	5,000	S08125WPB
#8 x 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.34	T20	S08162WP1	S08162WP5	350	S08162WPP	4,000	S08162WPB
#8 x 2	0.34	T20	S08200WP1	S08200WP5	350	S08200WPP	3,000	S08200WPB
#8 x 21/2	0.34	T20	S08250WPF1	S08250WPF5	_	_	1,750	S08250WPFB
#8 x 3	0.34	T20	S08300WPF1	S08300WPF5	_	_	1,750	S08300WPFB
#10 x 1	0.34	T25	S10100WP1	S10100WP5	_	_	4,500	S10100WPB
#10 x 1½	0.34	T25	S10150WP1	S10150WP5	_	_	3,500	S10150WPB
#10 x 2	0.34	T25	S10200WP1	S10200WP5	_	_	2,500	S10200WPB
#10 x 21/2	0.34	T25	S10250WP1	S10250WP5	350	S10250WPP	1,750	S10250WPB
#10 x 3	0.34	T25	S10300WP1	S10300WP5	350	S10300WPP	1,750	S10300WPB
#10 x 3½	0.34	T25	S10350WP1	S10350WP5	_	_	1,000	S10350WPB
#12 x 21/2	0.44	T27	S12250WP1	S12250WP5	_	_	1,750	S12250WPB
#12 x 3	0.44	T27	S12300WP1	S12300WP5	_	_	1,500	S12300WPB
#12 x 3½	0.44	T27	S12350WP1	S12350WP5	_	_	1,000	S12350WPB
#12 x 4	0.44	T27	S12400WP1	S12400WP5	100	S12400WPP	800	S12400WPB
#12 x 4½	0.44	T27	S12450WP1	S12450WP5	_	_	750	S12450WPB
#12 x 5	0.44	T27	S12500WP1	S12500WP5	_	_	500	S12500WPB
#14 x 4	0.46	T27	_	S14400WP5	100	S14400WPP	700	S14400WPB

<sup>6-</sup>lobe bit replacements: T20 uses BIT20T-2; T25 uses BIT25T-2; T27 uses BIT27T-2.

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

Decking, Docks and Boardwalks; Finishing, Millwork and Trim

#### Trim-Head, Unpainted



Size	Head		1 lb.	5 lb.	C	lam Shell	350-Count	Bul	k Bucket
(in.)	Dia.	Size	Model No.	Model No.	Count	Model No.	Model No.	Count	Model No.
#7 x 1 1/8	0.23	T15	T07162WP1	T07162WP5	100	T07162FWP	T07162WPP	4,000	T07162WPB
#7 x 21/4	0.23	T15	T07225WP1	T07225WP5	86	T07225FWP	T07225WPP	1,750	T07225WPB
#7 x 3	0.23	T15	T07300WP1	T07300WP5	60	T07300FWP	T07300WPP	1,750	T07300WPB

#### Trim-Head, Unpainted



Type 305 Stainless Steel

. yes see stammess state.									
Size	Head Dia.	BIT	1 lb.	5 lb.	Clam Shell		350-Count	Bu	lk Bucket
(in.)	(in.)	Size	Model No.	Model No.	Count	Model No.	Model No.	Count	Model No.
#7 x 1	0.23	T15	S07100WP1	S07100WP5	_	_	_	5,000	S07100WPB
#7 x 11/4	0.23	T15	S07125WP1	S07125WP5	_	_	S07125WPP	5,000	S07125WPB
#7 x 1 %	0.23	T15	S07162WP1	S07162WP5	135	S07162FWP	S07162WPP	4,000	S07162WPB
#7 x 2	0.23	T15	S07200WP1	S07200WP5	_	_	S07200WPP	4,000	S07200WPB
#7 x 21/4	0.23	T15	S07225WP1	S07225WP5	100	S07225FWP	S07225WPP	1,750	S07225WPB
#7 x 21/2	0.23	T15	S07250WP1	S07250WP5	_	_	S07250WPP	1,750	S07250WPB
#7 x 3	0.23	T15	S07300WP1	S07300WP5	60	S07300FWP	S07300WPP	1,750	S07300WPB
#8 x 21/2	0.25	T20	_	_	70	S08250FWP	S08250WPP	1,750	S08250WPB
#8 x 3	0.25	T20	_	_	70	S08300FWP	S08300WPP	1,750	S08300WPB
#9 x 3½	0.25	T20	S09350WP1	S09350WP5	35	S09350FWP	_	1,500	S09350WPB
#9 x 4	0.25	T20	S09400WP1	S09400WP5	_	_	_	1,000	S09400WPB

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

#### Trim-Head, Painted

· Painted heads blend with hardwood decking material



## Type 316 Stainless Steel

Size (in.)	Head Dia.* (in.)	Bit Size	350-Count Model No.	1750-Count Model No.
#7 x 1%	0.23	T15	T07162WJI	T07162WCI
#7 x 21⁄4	0.23	T15	T07225WJI	T07225WCI
#7 x 3	0.23	T15	T07300WJI	T07300WCI

<sup>\*</sup> T-15 6-lobe drive (replacement bit model BIT15T-2, see p. 103 for more information).

## Type 305 Stainless Steel

71									
Size (in.)	Head Dia.* (in.)	Bit Size	350-Count Model No.	1750-Count Model No.					
#8 x 21/2	0.26	T20	S08250WJI	S08250WCI					
#10 x 2½	0.34	T25	S10250WJI	S10250WCI					
#10 v 3	0.34	T25	\$10300W II	\$10300WCI					



Tan 03



## **Deck-Drive**™ DHPD **HARDWOOD** Screw

#### Hardwood Decking, Docks and Boardwalks

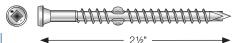
The Deck-Drive DHPD Hardwood screw is specially designed to penetrate the hardest wood and wood-based products with ease. With its unique paddle-style drill point, it virtually eliminates splitting without predrilling. Available in Type 305 stainless steel for additional corrosion protection.

#### **Features**

- Penetrate the hardest wood products without predrilling
- Compact head ensures a low-profile installation and reduced visibility
- Wings on the shaft counter-bore hard material and allow the head to countersink for a clean look

 #2 square drive (replacement bit model BIT2S-2, see p. 103 for more information)

This screw is also available collated for the Quik Drive® system. See p. 207 for details.



## Type 305 Stainless Steel

Size (in.)	Head Dia. (in.)	100-Count Model No.	350-Count Model No.	1,000-Count Model No.	1,750-Count Model No.	
#10 x 2½	0.30	DHPDSS212R100	DHPDSS212R350	DHPDSS212R1000	DHPDSS212MB	



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

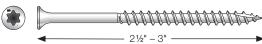
#### Common Application

Fasten all types of wood decking including cedar, redwood and preservative-treated woods to wood and engineered wood-based materials.

#### **Features**

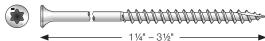
- Type-17 point for fast starts
- Coarse threads on approximately % of the shank draw the decking and other material tightly to the framing
- 6-lobe drive helps prevent driver-bit cam-out, resulting in easier driving and longer bit life
- Driver bit included in each package
- Predrilling recommended near board ends to prevent splitting

- #6 screws: T-15 6-lobe drive (replacement bit model BIT15T-2)
- #8 screws: T-20 6-lobe drive (replacement bit model BIT20T-2)
- #10 screws: T-25 6-lobe drive (replacement bit model BIT25T-2)
- See p. 103 for information on replacement driver bits



### Type 316 Stainless Steel

Size	Head Dia.	1 lb.	5 lb.	350-Count	Bulk Bucket		
(in.)	(in.)	Model No.	Model No.	Model No.	Count	Model No.	
#10 x 2½	0.34	T10250DT1	T10250DT5	_	2,000	T10250DTB	
#10 x 3	0.34	T10300DT1	T10300DT5	_	1,500	T10300DTB	



## Type 305 Stainless Steel

Size	Head Dia. (in.)	1 lb. Model No.	5 lb.	350-Count	Bulk Bucket		
(in.)			Model No.	Model No.	Count	Model No.	
#6 x 11/4	0.34	S06125DT1	S06125DT5	_	5,000	S06125DTB	
#8 x 1 5/8	0.34	S08162DT1	S08162DT5	_	4,000	S08162DTB	
#8 x 2	0.34	S08200DT1	S08200DT5	_	3,000	S08200DTB	
#10 x 21/2	0.34	S10250DT1	S10250DT5	S10C250DTP	2,000	S10250DTB	
#10 x 3	0.34	S10300DT1	S10300DT5	S10C300DTP	1,500	S10300DTB	
#10 x 3½	0.34	S10350DT1	S10350DT5	_	1,000	S10350DTB	



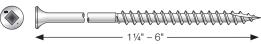
## Bugle-Head Wood Screw — Square Drive

#### **Common Application**

Fasten all types of wood decking including cedar, redwood and preservative-treated woods to wood and engineered wood-based materials.

#### **Features**

- Type-17 point for fast starts
- Coarse threads approximately % up the shank draw the decking and other material tightly to the substrate
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance
- Driver bit included in each package
- #6, #8 and #10 screws: #2 square drive (replacement bit model BIT2S-2)
- #12 and #14 screws: #3 square drive (replacement bit model BIT3S-2)
- See p. 103 for information on replacement driver bits



### Type 316 Stainless Steel

Size	Head	1 lb.	5 lb.	350-Count	Bu	lk Bucket
(in.)	Diameter (in.)	Model No.	Model No.	Model No.	Count	Model No.
#8 x 11/4	0.34	T08125DB1	T08125DB5	_	5,000	T08125DBB
#8 x 1%	0.34	T08162DB1	T08162DB5	_	4,000	T08162DBB
#8 x 2	0.34	T08200DB1	T08200DB5	T08C200PAK	3,000	T08200DBB
#8 x 21/2	0.34	T08250DB1	T08250DB5	_	2,000	T08250DBB
#10 x 2	0.34	T10200DB1	T10200DB5	_	2,500	T10200DBB
#10 x 2½	0.34	T10250DB1	T10250DB5	T10C250PAK	2,000	T10250DBB
#10 x 3	0.34	T10300DB1	T10300DB5	T10C300PAK	1,500	T10300DBB
#10 x 3½	0.34	T10350DB1	T10350DB5	_	1,000	T10350DBB
#12 x 21/2	0.43	_	_	_	2,000	T12250DBB
#12 x 3	0.43	_	_	_	1,500	T12300DBB
#12 x 3½	0.43	_	_	_	1,000	T12350DBB
#12 x 4	0.43	_	T12400DB5	_	800	T12400DBB
#12 x 41/2	0.43	_	_	_	750	T12450DBB
#12 x 5	0.43	_	T12500DB5	_	500	T12500DBB
#12 x 6	0.43	_	T12600DB5	_	600	T12600DBB
#14 x 4	0.43	T14400DB1	T14400DB5	_	700	T14400DBB
#14 x 5	0.43	T14500DB1	T14500DB5	_	500	T14500DBB
#14 x 6	0.43	T14600DB1	T14600DB5	_	500	T14600DBB

## Strong-Tie

## Bugle-Head Wood Screw — Square Drive (cont.)



## Type 305 Stainless Steel

Type 303 Stairliess Steel										
Size	Head	C	Clam Shell	1 lb.	5 lb.	350-Count	Bu	lk Bucket		
(in.)	Dia. (in.)	Count	Model No.	Model No.	Model No.	Model No.	Count	Model No.		
#6 x ¾	0.34	_	_	_	_	_	10,000	S06075DBB		
#6 x 1	0.34	_	_	S06100DB1	S06100DB5	_	8,000	S06100DBB		
#6 x 1 1/4	0.34	175	S06C125DBP	S06125DB1	S06125DB5	_	5,000	S06125DBB		
#6 x 1 %	0.34	135	S06C162DBP	S06162DB1	S06162DB5	_	4,000	S06162DBB		
#8 x 1 1/8	0.34	_	_	S08112DB1	S08112DB5	_	5,000	S08112DBB		
#8 x 1 1/4	0.34	100	S08125DBH	S08125DB1	S08125DB5	_	5,000	S08125DBB		
#8 x 1 %	0.34	_	_	S08162DB1	S08162DB5	_	4,000	S08162DBB		
#8 x 2	0.34	85	S08C200DBP	S08200DB1	S08200DB5	_	3,000	S08200DBB		
#8 x 21⁄4	0.34	_	_	S08225DB1	S08225DB5	_	3,000	S08225DBB		
#8 x 2½	0.34	_	_	S08250DB1	S08250DB5	_	2,000	S08250DBB		
#8 x 3	0.34	_	_	S08300DB1	S08300DB5	_	1,500	S08300DBB		
#10 x 1	0.34	_	_	S10100DB1	S10100DB5	_	4,500	S10100DBB		
#10 x 11/4	0.34	_	_	S10125DB1	S10125DB5	_	4,000	S10125DBB		
#10 x 11/2	0.34	_	_	S10150DB1	S10150DB5	_	3,500	S10150DBB		
#10 x 13/4	0.34	_	_	S10175DB1	S10175DB5	_	3,000	S10175DBB		
#10 x 2	0.34	_	_	S10200DB1	S10200DB5	_	2,500	S10200DBB		
#10 x 21/4	0.34	_	_	S10225DB1	S10225DB5	_	2,000	S10225DBB		
#10 x 21/2	0.34	50	S10C250DBP	S10250DB1	S10250DB5	S10C250PAK	2,000	S10250DBB		
#10 x 3	0.34	40	S10C300DBP	S10300DB1	S10300DB5	S10C300PAK	1,500	S10300DBB		
#10 x 3½	0.34	35	S10C350DBP	S10350DB1	S10350DB5	_	1,000	S10350DBB		
#10 x 3¾	0.34	_	_	S10375DB1	S10375DB5	_	1,000	S10375DBB		
#12 x 21/2	0.43	_	_	_	_	_	2,000	S12250DBB		
#12 x 3	0.43	_	_	_	_	_	1,500	S12300DBB		
#12 x 3½	0.43	_	_	_	_	_	1,000	S12350DBB		
#12 x 4	0.43	_	_	_	_	_	800	S12400DBB		
#12 x 41/2	0.43	_	_	_	_	_	750	S12450DBB		
#12 x 5	0.43	_	_	_	_	_	500	S12500DBB		
#12 x 6	0.43	_	_	_	S12600DB5	_	600	S12600DBB		
#14 x 4	0.43	_	_	S14400DB1	S14400DB5	_	700	S14400DBB		
#14 x 5	0.43	_	_	S14500DB1	S14500DB5		500	S14500DBB		



## Trim-Head Screw — Square Drive

#### Common Application

Fasten wood decking and some composite decking materials

#### **Features**

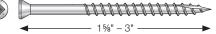
- Trim-style head is less noticeable on the decking surface
- Type-17 point for fast starts
- Coarse threads on approximately % of the shank draw the decking and other material tightly to the framing
- · Driver bit included in each package
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance
- See p. 103 for more information on bits



## Type 316 Stainless Steel

Size	Head Dia.	1 lb.	5 lb.	350-Count	Bulk Bucket		
(in.)	(in.)	Model No.	Model No.	Model No.	Count	Model No.	
#7 x 1%	0.23	T07162FB1	T07162FB5	T07C162PAK	4,000	T07162FBB	
#7 x 21⁄4	0.23	T07225FB1	T07225FB5	T07C225PAK	3,000	T07225FBB	
#7 x 3	0.23	T07300FB1	T07300FB5	T07C300PAK	2,000	T07300FBB	

## Type 305 Stainless Steel



Size	Head Dia. (in.)	Dia 1 Ib.		5 lb.	C	lam Shell	350-Count	Bu	Bulk Bucket	
(in.)		Model No.	Model No.	Count	Model No.	Model No.	Count	Model No.		
#7 x 1%	0.23	S07162FB1	S07162FB5	135	S07C162FBP	S07C162PAK	4,000	S07162FBB		
#7 x 21⁄4	0.23	S07225FB1	S07225FB5	100	S07C225FBP	S07C225PAK	3,000	S07225FBB		
#7 x 3	0.23	S07300FB1	S07300FB5	60	S07C300FBP	S07C300PAK	2,000	S07300FBB		

SIMPSON Strong-Tie

## Trim-Head Screw — 6-Lobe Drive

#### **Common Application**

Fasten wood decking and some composite decking materials

#### **Features**

- Trim-style head is less noticeable on the decking surface
- · Type-17 point for fast starts
- Coarse threads on approximately % of the shank draw the decking and other material tightly to the framing
- 6-lobe drive helps prevent driver-bit cam-out, resulting in easier driving and longer bit life
- Choose Type 316 for seaside applications and superior corrosion resistance
- T-15 6-lobe drive (replacement bit model BIT15T-2, see p. 103 for more information)

#### Painted

See pp. 16–17 for Color Reference Chart for Decking Manufacturers



#### Type 316 Stainless Steel — 6-Lobe Drive

Size (in.)	Head Dia. (in.)	Head Color	Bit Size	Clamshell 70 (ct.)	Deck Pack (350 ct.)	Contractor Pack (1,750 ct.)
#7 x 1 %	#7 x 1 1  0.23 Brown 01 T-		T-15	T07162FT70BR01	T07162FTPBR01	_
#7 x 1 %	0.23	Gray	T-15	T07162FT70GR	T07162FTPGR	_
#7 x 1 %	0.23	Gray 01	T-15	T07162FT70GR01	T07162FTPGR01	_
#7 x 1 %	0.23	Tan	T-15	T07162FT70TN	T07162FTPTN	_
#7 x 1 %	0.23	Tan 02	T-15	T07162FT70TN02	T07162FTPTN02	_
#7 x 1 %	0.23	Tan 03	T-15	T07162FT70TN03	T07162FTPTN03	_
#7 x 1 %	0.23	White	T-15	T07162FT70WH01	T07162FTPWH01	_
#7 x 21⁄4	0.23	Brown 01	T-15	T07225FT70BR01	T07225FTPBR01	T07225FTBBR01
#7 x 21⁄4	0.23	Brown 05	T-15	T07225FT70BR05	T07225FTPBR05	T07225FTBBR05
#7 x 21/4	0.23	Gray	T-15	T07225FT70GR	T07225FTPGR	T07225FTBGR
#7 x 21/4	0.23	Gray 01	T-15	T07225FT70GR01	T07225FTPGR01	T07225FTBGR01
#7 x 21⁄4	0.23	Gray 03	T-15	T07225FT70GR03	T07225FTPGR03	T07225FTBGR03
#7 x 21⁄4	0.23	Gray 04	T-15	T07225FT70GR04	T07225FTPGR04	T07225FTBGR04
#7 x 21⁄4	0.23	Red 01	T-15	T07225FT70RD01	T07225FTPRD01	T07225FTBRD01
#7 x 21/4	0.23	Tan	T-15	T07225FT70TN	T07225FTPTN	T07225FTBTN
#7 x 21/4	0.23	Tan 01	T-15	T07225FT70TN01	T07225FTPTN01	T07225FTBTN01
#7 x 21/4	0.23	Tan 02	T-15	T07225FT70TN02	T07225FTPTN02	T07225FTBTN02
#7 x 21/4	0.23	Tan 03	T-15	T07225FT70TN03	T07225FTPTN03	T07225FTBTN03
#7 x 21/4	0.23	Tan 04	T-15	T07225FT70TN04	T07225FTPTN04	T07225FTBTN04
#7 x 21/4	0.23	White	T-15	T07225FT70WH01	T07225FTPWH01	T07225FTBWH01





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



Type 305 Stainless Steel — 6-Lobe Drive

Size (in.)	Head Dia. (in.)	Head Color	Bit Size	Clamshell (70 ct.)	Deck Pack (350 ct.)	Contractor Pack (1,750 ct.)
#7 x 1%	0.23	White	T-15	S07162FT70WH01	S07162FTPWH01	S07162FTBWH01
#7 x 21⁄4	0.23	Brown 01	T-15	_	S07225FTPBR01	S07225FTBBR01
#7 x 21⁄4	0.23	Brown 05	T-15	_	S07225FTPBR05	S07225FTBBR05
#7 x 21/4	0.23	Gray	T-15	_	S07225FTPGR	S07225FTBGR
#7 x 21⁄4	0.23	Gray 01	T-15	_	S07225FTPGR01	S07225FTBGR01
#7 x 21⁄4	0.23	Gray 03	T-15	_	S07225FTPGR03	S07225FTBGR03
#7 x 21⁄4	0.23	Gray 04	T-15	_	S07225FTPGR04	S07225FTBGR04
#7 x 21⁄4	0.23	Red 01	T-15	_	S07225FTPRD01	S07225FTBRD01
#7 x 21/4	0.23	Tan	T-15	_	S07225FTPTN	S07225FTBTN
#7 x 21⁄4	0.23	Tan 01	T-15	_	S07225FTPTN01	S07225FTBTN01
#7 x 21⁄4	0.23	Tan 02	T-15	_	S07225FTPTN02	S07225FTBTN02
#7 x 21⁄4	0.23	Tan 03	T-15	_	S07225FTPTN03	S07225FTBTN03
#7 x 21⁄4	0.23	Tan 04	T-15	_	S07225FTPTN04	S07225FTBTN04
#7 x 21/4	0.23	White	T-15	S07225FT70WH01	S07225FTPWH01	S07225FTBWH01

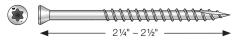




## Trim-Head Screw — 6-Lobe Drive (cont.)

#### Unpainted





Size	Head Dia.	1 lb.	5 lb. o. Model No.	350-Count	Bulk Bucket		
(in.)	(in.)	Model No.		Model No.	Count	Model No.	
#7 x 21⁄4	0.23	_	_	_	3,000	T07225FTB	
#8 x 2½	0.23	T08250FT1	T08250FT5	_	2,000	T08250FTB	

## Type 305 Stainless Steel



Size	Head Dia. (in.)	1 lb. Model No.	5 lb. Model No.	350-Count	Bulk Bucket		
(in.)				Model No.	Count	Model No.	
#7 x 1 5/8	0.23	S07162FT1	S07162FT5	S07C162FTP	4,000	S07162FTB	
#7 x 21⁄4	0.23	S07225FT1	S07225FT5	S07225FTP	3,000	S07225FTB	
#7 x 3	0.23	S07300FT1	S07300FT5	S07C300FTP	2,000	S07300FTB	

## **Deck-Drive** DCU **COMPOSITE** Screw

#### Fastening Composite Decking Boards

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.

#### **Features**

- Tri-lobe thread design reduces damage to the composite board while driving
- Inverted upper threads clear excess material to ensure the screw is seated properly and consistently
- · Double-cut point penetrates compositedecking with ease for faster 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
- · This screw is also available collated for the Quik Drive® system; see p. 213 for details
- Refer to pp. 16–17 for color matching information

#### **Quik Guard Coating**



Size (in.)	Head Color	Bit Size	Clamshell (70 ct.)	Deck Pack (350 ct.)	Contractor Bucket (1,750 ct.)
#10 x 23/4	Brown 01	T-20	DCU234BR01R70	DCU234BR01R350	DCU234BR01MB
#10 x 23⁄4	Brown 05	T-20	DCU234BR05R70	DCU234BR05R350	DCU234BR05MB
#10 x 23/4	Gray	T-20	DCU234GRR70	DCU234GRR350	DCU234GRMB
#10 x 23/4	Gray 01	T-20	DCU234GR01R70	DCU234GR01R350	DCU234GR01MB
#10 x 23/4	Gray 04	T-20	DCU234GR04R70	DCU234GR04R350	DCU234GR04MB
#10 x 23⁄4	Red	T-20	DCU234RDR70	DCU234RDR350	DCU234RDMB
#10 x 23/4	Red 01	T-20	DCU234RD01R70	DCU234RD01R350	DCU234RD01MB
#10 x 23/4	Tan	T-20	DCU234TNR70	DCU234TNR350	DCU234TNMB
#10 x 23/4	Tan 01	T-20	DCU234TN01R70	DCU234TN01R350	DCU234TN01MB
#10 x 23/4	Tan 02	T-20	DCU234TN02R70	DCU234TN02R350	DCU234TN02MB
#10 x 23/4	Tan 03	T-20	DCU234TN03R70	DCU234TN03R350	DCU234TN03MB

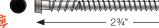
- 1.350 screws install approx. 100 sq. ft. of decking with framing at 16" on-center spacing.
- 2. 1,750 screws install approx. 500 sq. ft. of decking with framing at 16" on-center spacing.



SIMPSON Strong-Tie

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

#### Painted head



Type 3	305	Stainless	Steel

Size (in.)	Head Color	Deck Pack (350ct) <sup>1</sup>	Contractor Bucket (1,750 ct) <sup>2</sup>
#10 x 2¾	_	DCU234P305	DCU234MB305
#10 x 2¾	Tan	DCU234P305TN	DCU234MB305TN
#10 x 2¾	Tan 01	DCU234P305TN01	DCU234MB305TN01
#10 x 2¾	Tan 02	DCU234P305TN02	DCU234MB305TN02
#10 x 2¾	Tan 03	DCU234P305TN03	DCU234MB305TN03
#10 x 2¾	Gray	DCU234P305GR	DCU234MB305GR
#10 x 2¾	Gray 01	DCU234P305GR01	DCU234MB305GR01
#10 x 2¾	Gray 04	DCU234P305GR04	DCU234MB305GR04
#10 x 2¾	Brown 01	DCU234P305BR01	DCU234MB305BR01
#10 x 2¾	Brown 05	DCU234P305BR05	DCU234MB305BR05
#10 x 2¾	Red	DCU234P305RD	DCU234MB305RD
#10 x 2¾	Red 01	DCU234P305RD01	DCU234MB305RD01



## Type 316 Stainless Steel



Gray 04

Size (in.)	Head Color	Bit Size	Clamshell (70 ct.)	Deck Pack (350 ct.)	Contractor Bucket (1,750 ct.)
#10 x 23/4	Brown 01	T-20	DCU234C316BR01	DCU234P316BR01	DCU234MB316BR01
#10 x 23/4	Brown 05	T-20	DCU234C316BR05	DCU234P316BR05	DCU234MB316BR05
#10 x 23/4	Gray	T-20	DCU234C316GR	DCU234P316GR	DCU234MB316GR
#10 x 23/4	Gray 01	T-20	DCU234C316GR01	DCU234P316GR01	DCU234MB316GR01
#10 x 23/4	Gray 04	T-20	DCU234C316GR04	DCU234P316FGR04	DCU234MB316GR04
#10 x 2¾	Red	T-20	DCU234C316RD	DCU234P316RD	DCU234MB316RD
#10 x 23/4	Red 01	T-20	DCU234C316RD01	DCU234P316RD01	DCU234MB316RD01
#10 x 23/4	Tan	T-20	DCU234C316TN	DCU234P316TN	DCU234MB316TN
#10 x 2¾	Tan 01	T-20	DCU234C316TN01	DCU234P316TN01	DCU234MB316TN01
#10 x 23⁄4	Tan 02	T-20	DCU234C316TN02	DCU234P316TN02	DCU234MB316TN02
#10 x 23/4	Tan 03	T-20	DCU234C316TN03	DCU234P316TN03	DCU234MB316TN03

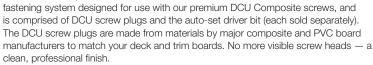






## For PVC and Composite Decks and Trim Boards

The Deck-Drive DCU screw plug solution is a complete hidden deck-



#### **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
   T20 6-lobe driver bit reduces cam-outs Composite fasteners
- Non-abrasive depth stop to minimize marring the board surface and control drive depth

## DCU Screw Plugs for Composite Decks

Material	Retail Pa 20 Sq.		Contractor P Sq.	t. Master Carton Texture		
	Model No.	Qty.	Model No.	Qty.	Qty.	
Trex – Beach Dune	TRX20BD	75	TRX100BD	375	5	Woodgrain
Trex - Clam Shell	TRX20CS	75	TRX100CS	375	5	Woodgrain
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 Run	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

SIMPSON Strong-Tie

## DCU Screw Plugs for PVC Trim

Material	Retail Pack 50 Linear		Contractor Pa 250 Linear		Master Carton Texture		
	Model No.	Qty.	Model No.	Qty.	Qty.		
Azek Frontier	AZK50WG	80	AZK250WG	400	5	Woodgrain	
Azek Traditional	AZK50SM	80	AZK250SM	400	5	None	
Versatex Smooth	VSTX50SM	80	VSTX250SM	400	5	None	
Versatex Timber Ridge	VSTX50WG	80	VSTX250WG	400	5	Woodgrain	

#### DCU Screw Plugs for PVC Decks

Material	Retail Pack 20 Sq. Ft		Contractor Pa 100 Sq.		Texture	
	Model No.	Qty.	Model No.	Qty.	Qty.	
Azek – Acacia	AZK20ACA	75	AZK100ACA	375	5	Woodgrain
Azek – Autumn Chestnut	AZK20AC	75	AZK100AC	375	5	Woodgrain
Azek – Brazilian Walnut	AZK20BW	75	AZK100BW	375	5	Woodgrain
Azek – Brownstone	AZK20BRS	75	AZK100BRS	375	5	Woodgrain
Azek – Cypress	AZK20CYP	75	AZK100CYP	375	5	Woodgrain
Azek – Dark Hickory	AZK20DH	75	AZK100DH	375	5	Woodgrain
Azek – Hazelwood	AZK20HW	75	AZK100HW	375	5	Woodgrain
Azek – Island Oak	AZK20I0	75	AZK100I0	375	5	Woodgrain
Azek – Kona	AZK20KNA	75	AZK100KNA	375	5	Woodgrain
Azek – Mahogany	AZK20MHY	75	AZK100MHY	375	5	Woodgrain
Azek – Morado	AZK20MR	75	AZK100MR	375	5	Woodgrain
Azek – Mountain Redwood	AZK20MOR	75	AZK100MOR	375	5	Woodgrain
Azek – Silver Oak	AZK20S0	75	AZK100S0	375	5	Woodgrain
Azek – Slate Gray	AZK20SG	75	AZK100SG	375	5	Woodgrain

#### Auto-Set Driver Bit

Bit Size	Model No.	Qty.
Auto-Set Driver Bit T-20	BIT20T-PL-RC1	1
Auto-Set Driver Bit 3-pack T-20	BIT20T-PL-RC3	3
Quik Drive Auto-Set Driver Bit 3-pack T-20	BITTX20-PL-RC3	3
Quik Drive Auto-Set Driver Bit 10-pack T-20	BITTX20-PL-RC10	10
Quik Drive Auto-Set Driver Bit 50-pack T-20	BITTX20-PL-RC50	50

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 full-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 under IAPMO-UES ER-262 and meets 2012 and 2015 IRC® and IBC® code requirements for several common wood framing applications.

#### **Features**

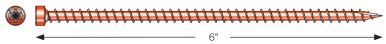
- Cap-style head countersinks fully to avoid interference with drywall or finish trades
- Can be installed from inside the structure, eliminating exterior work on the upper stories and enhancing job safety
- Fastening can be performed before or after exterior sheathing is applied for added flexibility
- Metal installation guide tool (included) to help ensure proper installation
- Orange color (SDWC15600) for easy inspection
- Qualified for use with engineered wood products

Codes/Standards: IAPMO-UES ER-262, State of Florida FL13975



### E-Coat Coating

Size	Thread Length	Retai	il Pack	Mini-Bul	k Bucket
(in.)	(in.)	Fasteners Per Pack	Model No.	Fasteners Per Bucket	Model No.
0.152 x 4½	41/4	50	SDWC15450-KT	500	SDWC15450B-KT



#### Clear Zinc Coating (with Orange Topcoat)

Size	Thread Length		tail Pack	Mini	-Bulk Bucket
(in.)	(in.)	Fasteners Per Pack	Model No.	Fasteners Per Bucket	Model No.
0.152 x 6	5¾	50	SDWC15600-KT	500	SDWC15600B-KT

#### 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 screw specifically designed for fastening multi-ply wood members, such as engineered-wood products and solid-sawn lumber. The SDW EWP-Ply installs easily with no predrilling and is available in optimized lengths for fastening 13/4" engineered lumber, such as structural composite lumber (SCL). It is code listed under IAPMO-UES ER-192 and meets 2012 and 2015 IRC® and IBC® code requirements for several common wood framing applications.

#### Features

- Large washer head provides maximum bearing area; stamped with the Simpson Strong-Tie "±" sign and fastener length for easy identification after installation (0.75" head dia.)
- 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
- SawTooth™ point ensures fast starts, reduced installation torque and eliminates the need for predrilling in most applications

Codes/Standards: IAPMO-UES ER-192; City of L.A. RR25906, State of Florida FL13975

US Patents 9,523,383; 6,109,850



## E-Coat Coating

Ci Thread		Tomical		tail Pack	Mini-E	ulk Bucket	Bulk	
Size (in.)	Length (in.)	ADDIICATION	Fasteners Per Pack	Model No.	Fasteners Per Pack	Model No.	Fasteners Per Pack	Model No.
0.220 x 3¾	1 1 1/16	SCL	50	SDW22338-R50	250	SDW22338MB	900	SDW22338
0.220 x 5	1 %16	SCL/3x2PCT	50	SDW22500-R50	200	SDW22500MB	600	SDW22500
0.220 x 63	1 1 1/16	SCL/4x2PCT	50	SDW22634-R50	200	SDW22634MB	500	SDW22634

1. Typical screw application key: SCL = 1¾" plies of structural-composite lumber. SCL/3x2PCT = 1¾" plies of structural-composite lumber or double 3x2 parallel-chord trusses. SCL/4x2PCT = 1¾" or 3½" plies of structural-composite lumber or double 4x2 parallel-chord trusses.

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

#### Truss-Ply Fastening

The Strong-Drive SDW Truss-Ply screw is a high-strength structural screw specifically designed for fastening multi-ply wood members, such as 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 beams can be fastened from one side without requiring the lifting and flipping of heavy assemblies. It is code listed under IAPMO-UES ER-192 and meets 2012 and 2015 IRC® and IBC® code requirements for several common framing applications with wood and engineered wood.

#### **Features**

- Large washer head provides maximum bearing area; stamped with the Simpson Strong-Tie "≠" sign and fastener length for easy identification after installation (0.75" head dia.)
- 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
- SawTooth<sup>™</sup> point ensures fast starts, reduced installation torque and eliminates the need for predrilling in most applications
- Qualified for use in engineered wood products

Codes/Standards: IAPMO-UES ER-192; City of L.A. RR25906, State of Florida FL13975

US Patents 9.523.383: 6.109.850



## E-Coat Coating

Size Thread		Tunical	Re	tail Pack	Mini-E	Bulk Bucket	Bulk	
(in.)	Length (in.)	Typical Application <sup>1,2,3</sup>	Fasteners Per Pack		Fasteners Per Pack		Fasteners Per Pack	Model No.
0.220 x 215/16	17/16	2x/Truss	50	SDW22300-R50	250	SDW22300MB	950	SDW22300
0.220 x 4%	17/16	2x/Truss desert	50	SDW22438-R50	200	SDW22438MB	600	SDW22438
0.220 x 4%	17/16	2x/Truss	50	SDW22458-R50	200	SDW22458MB	600	SDW22458
0.220 x 6	17/16	2x/Truss desert	50	SDW22600-R50	200	SDW22600MB	500	SDW22600
0.220 x 6%	17/16	2x/Truss	50	SDW22638-R50	200	SDW22638MB	500	SDW22638

- 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).
- 2. If assembly is less than or equal to 4% thick, use the SDW22438.
- 3. If assembly is less than or equal to 63/16" thick, use the SDW22600.

#### Interior Screws

SIMPSON
Strong-Tie

## **Strong-Drive®** SDWS **LOG** Screw

#### Log Home Construction and General Interior Applications

The Strong-Drive SDWS Log screw is a structural screw available in longer lengths and is designed for log-home construction and general interior applications. These 0.220" and 0.195" diameter structural fasteners require less torque to install than comparable fasteners. The large diameter head pulls logs down easily, eliminating the need to use extra washers. It is code listed under IAPMO-UES ER-192 and meets 2012 and 2015 IRC® and IBC® code requirements for several common wood framing applications.

#### Features

- SawTooth™ point ensures fast starts, reduces installation torque and eliminates the need for predrilling in most applications
- Low-profile head design makes countersinking easy (0.75" head dia.)
- Serrated thread reduces log splitting and damage
- Large washer head provides maximum bearing area
- Qualified for use in engineered wood and manufactured logs

Codes/Standards: IAPMO-UES ER-192 US Patent 9,523,383



## E-Coat Coating

		Individually Flagged		ı	Retail Pack	Mini-Bulk		
Size (in.)	Thread Length (in.)	Fasteners per Carton	Model No.	Fasteners Per Pack	Model No.	Fasteners Per Pack	Model No.	
0.195 x 6	2¾	45	SDWS19600-RP1	50	SDWS19600-R50	250	SDWS19600	
0.195 x 7½	2¾	45	SDWS19712-RP1	50	SDWS19712-R50	250	SDWS19712	
0.220 x 8	2¾	40	SDWS22800-RP1	50	SDWS22800-R50	250	SDWS22800	
0.220 x 9	2¾	40	SDWS22900-RP1	50	SDWS22900-R50	250	SDWS22900	
0.220 x 10	2¾	40	SDWS221000-RP1	50	SDWS221000-R50	250	SDWS221000	
0.220 x 11	2¾	40	SDWS221100-RP1	50	SDWS221100-R50	250	SDWS221100	
0.220 x 12	2¾	40	SDWS221200-RP1	50	SDWS221200-R50	250	SDWS221200	
0.220 x 15	2¾	40	SDWS221500-RP1	50	SDWS221500-R50	250	SDWS221500	

Replacement driver bit: BIT40T-134.

Screws

Strong-Tie

# **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 (TUW) 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 TUW, which is fastened with Simpson Strong-Tie Strong-Drive SD screws.

#### **Features**

- Faster to install than other floor-to-floor connection methods — drive the screw, install the take up washer and the connection is made from plate-to-plate
- Shrinkage compensation ensures a tight connection even after initial shrinkage and settlement occur
- 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

TUW take-up washer is galvanized 10 ga. steel

Codes/Standards: ICC-ES ESR-3046 (SDWF), ICC-ES ESR-2320 (TUW), State of Florida FL9589, FL1007(TUW)



## E-Coat Coating

Length x Shank Diameter (in.)	Thread Length (in.)	Hex Drive (in.)	Model No.
16 x 0.27	5	5/16	SDWF2716-TUW
20 x 0.27	5	5/16	SDWF2720-TUW
24 x 0.27	5	5/16	SDWF2724-TUW
26 x 0.27	5	5/16	SDWF2726-TUW
30 x 0.27	5	5/16	SDWF2730-TUW

#### Interior Screws



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



#### Sole-to-Rim Attachment

The Simpson Strong-Tie® SDWV Sole-to-Rim screw may be used to attach a sole plate to a rim board.

#### **Features**

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

US Patent 6,074,149



### E-Coat Coating

Size (in.)	Head Diameter (in.)	Shank Diameter (in.)	Coating	Quantity	Model No.
#10 x 4	0.4	0.14	Clear Zinc	1,000	SDWV13400Z

Replacement driver bit: BIT25T-2.

## Strong-Drive® WSNTL SUBFLOOR Screw

#### Subfloor and Sheathing Projects

The ICC-ES ESR-1472 code-listed Strong-Drive WSNTL Subfloor screw has a unique thread pattern that allows for quick and seemingly effortless installations. With lateral, shear and withdrawal values that exceed those of 10d common nails, the holding power of the WSNTL screw eliminates the gaps between the joist and subfloor that cause floor squeaks. The WSNTL Subfloor screw countersinks easily and backs out smoothly, allowing for easy future access to floor cavities.

#### **Features**

- The original "No-Glue" solution
- · Twin-lead thread for guick installation
- Nibbed flat head for easy countersinking
- This screw is also available collated for the Quik Drive® system; see p. 218 for details

Codes/Standards: ICC-FS FSR-1472



## Yellow Zinc Coating

Size		Head		Ret	tail Pack	Cont	tractor Pack
(in.)	Coating	Dia. (in.)	Drive Type	Fasteners per Pack	Model No.	Fasteners per Pack	Model No.
#8 x 2	Yellow zinc	0.33	#3 square	100	WSNTL2R100	500	WSNTL2R500
#8 x 21/2	Yellow zinc	0.33	#3 square	80	WSNTL212R80	400	WSNTL212R400
#8 x 3	Yellow zinc	0.33	#3 square	60	WSNTL3R60	300	WSNTL3R300

Strong-Tie

#### Interior Screws

## Wafer-Head Screw

#### Common Application

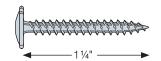
Nonstructural wood and metal hardware fastening

#### **Features**

- Wafer head
- Deep #2 Phillips drive reduces cam-out and makes driving easier
- Sharp point for fast starts

· Clear zinc electro-galvanized finish; for information on corrosion, materials and coatings, see pp. 12-15





#### Clear Zinc Coating

Size (in.)	Head Diameter (in.)	Carton Quantity	Model No.	
#8 x 11⁄4	0.42	100	SD8x1.25-R	

## MTH Underlayment Screw

#### Underlayment Fastening Applications

#### Prevents Squeaks by Holding Underlayment Tight

The MTH Underlayment screw is designed for fast and secure underlayment to subfloor installations. Unlike nails, the MTH Underlayment screw has an intricate thread pattern designed to prevent squeaking by holding underlayment tight to the subfloor and thus preventing pull-out. Its compact trim-head allows for a flush surface and prevents floor coverings from settling in countersink recesses.

#### **Features**

- Deep recessed square drive holds bits tight, reducing cam-outs
- · High-low thread for easy driving and holding underlayment tight
- · Specially-designed sharp point for fast starts
- · Trim-head with nibs for easy countersinking
- Great for pallet repair applications
- Available collated for Quik Drive<sup>®</sup> system; see p. 220 for details



## **Gray Phosphate Coating**

Size		Head		Re	tail Pack	Contrac	ctor Pack
(in.)	Coating	Dia. (in.)	Drive Type	Fasteners per Pack	Model No.	Fasteners Per Pack	Model No.
#7 x 11⁄4	Gray phosphate	0.27	#2 square	250	MTH114R250	1,200	MTH114R1200

Replacement driver bit: BIT2S-2-RC3.

#### Interior Screws



## Self-Drilling E Metal Screw

#### Common Application

Cold-formed steel framing

#### **Features**

- 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 - BITHEXR38-134)
- · For additional information regarding coldformed steel solutions, see C-CF-2017

Codes/Standards: ASTM C1513 compliant





#### Clear Zinc Coating Size Hex Head Threads **Head Diameter** Point Carton Model No. Per Inch (in.) Size (in.) (in.) Size Quantity #14 x 1 3/8 14 0.5 #3 100 E1B1414R100 #14 x 1 3/8 14 0.5 #3 2,500 E1B1414B



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

#### Common Applications

Wood to hot-rolled steel (Maximum recommended thicknesses: 5/16")

#### **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®)
- · #4 drill point with wings
- · This screw is also available in collated for the Quik Drive™ system; see p. 223 for details

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<sup>®</sup>

Size (in.)	Max. Grip Length (in.)	Head Dia. (in.)	Threads per Inch	Carton Quantity	Model No.
#12 x 2%	1.65	0.39	14	1,500	TBG1260R1500



## Black Phosphate Coating

Size (in.)	Max. Grip Length (in.)	Head Dia. (in.)	Threads per Inch	Carton Quantity	Model No.
#12 x 1¾	1.06	0.39	14	2,000	TBP1245R2000
#12 x 1¾	1.06	0.39	14	50	TBP1245R50
#14 x 2%	1.65	0.46	14	1,000	TBP1460R1000
#14 x 23%	1.65	0.46	14	50	TBP1460R50
#14 x 3	2.24	0.46	14	1,000	TBP1475R1000
#14 x 3	2.24	0.46	14	50	TBP1475R50

<sup>\*</sup>Grip length includes side member, steel thickness, air gap (if any) and allowance for three threads protuding through the steel.

SIMPSON Strong-Tie

# **Strong-Drive®**PPSD **SHEATHING-TO-CFS** Screw

Wood Sheathing to Cold-Formed Steel

#### Common Application

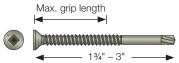
Sheathing to cold-formed steel (#8 — maximum thickness: 54 mil/16 ga.; #10 and #12 — maximum thickness: 97 mil / 12 ga.)

#### **Features**

- Flat head with nibs for easier countersinking
- #3 square drive (replacement bit BIT3SU-2 for Quik Guard® and BIT3S-2 for yellow zinc coating, see p. 103 for more information)
- Pilot point
- This screw is also available collated for the Quik Drive® system; see p. 226 for details

Codes/Standards: ASTM C1513 compliant; ICC-ES ESR-4208

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 (in.)	Head Diameter (in.)	Point Size	Thread Length (in.)	Max. Grip Length (in.)	Threads per Inch	Carton Quantity	Model No.
#8 x 1 15/16	0.32	2	1.22	1.03	18	4,000	PPSDQ11516B-4K
#10 x 13/4	0.33	3	0.98	0.77	16	4,000	PPSDQ134B1016-4K
#12 x 1¾	0.33	3	0.99	0.77	14	4,000	PPSDQ134B1214-4K*
#10 x 3	0.33	3	1.46	1.25	16	2,000	PPSDQ3B1016-2K
#12 x 3	0.33	3	1.47	1.25	14	2,000	PPSDQ3B1214-2K*

### Yellow Zinc Coating

I CIIOVV Z	1110 000	uiiig			174 - 0		
Size (in.)	Head Diameter (in.)	Point Size	Thread Length (in.)	Max. Grip Length (in.)	Threads per Inch	Carton Quantity	Model No.
#8 x 1 15/16	0.32	2	1.22	1.03	18	4,000	PPSD11516B-4K
#10 x 13/4	0.33	3	0.98	0.77	16	4,000	PPSD134B1016-4K
#12 x 13/4	0.33	3	0.99	0.77	14	4,000	PPSD134B1214-4K*
#10 x 3	0.33	3	1.46	1.25	16	2,000	PPSD3B1016-2K
#12 x 3	0.33	3	1.47	1.25	14	2,000	PPSD3B1214-2K*

Max. grip length

13/4" - 3" -

## Strong-Drive® FPHSD FRAMING-TO-CFS Screw

#### Cold-Formed Steel Framing

#### Common Application

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-2)
- · This screw is also available collated for the Quik Drive® system; see p. 255 for details

· Self-drilling

Codes/Standards: ASTM C1513 compliant; ICC-ES ESR-3006



#### Clear Zinc Coating

Cimo	Throad	Head	Doint	1 lb.		Bulk
Size (in.)	Thread Per Inch	Diameter (in.)	Point Size	Model No.	Carton Quantity	Model No.
#10 x 3⁄4	16	0.37	#3	FPHSD34B1016	5,000	FPHSD34B1016-5K
#12 x 3⁄4	14	0.37	#3	FPHSD34B1214	5,000	FPHSD34B1214-5K

<sup>\*</sup> Has underhead nibs.



## Self-Drilling Pancake-Head Screw

#### Common Application

Ideal for securing clips used in standing-seam-roofing

#### **Features**

- Low-profile head.
- #2 square drive (replacement bit model BIT2S-2; see p. 103 for more information).

giving it the ability to drill through metal. It does not offer the same level of corrosion resistance of either Type 316 or 305 stainless steel.

 #2 drill point Type 410 stainless steel can be hardened through heat treatment,

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.





Size (in.)	Threads Per Inch	Head Diameter (in.)	Carton Quantity	Model No.
#10 x 1	16	0.41	100	F10T100PSC
#10 x 1	16	0.41	1,000	F10T100PSM
#10 x 1	16	0.41	4,500	F10T100PSB

<sup>\*</sup> 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.

# Strong-T

## Self-Drilling Bugle-Head Screw

#### Common Application

Fasten wood, plywood and OSB panels to steel studs

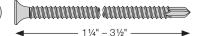
#### **Features**

- · Bugle heads drive flush with work surface.
- #2 square drive (replacement bit BIT2S-2).
- 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 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.





Size (in.)	Threads Per Inch	Head Diameter (in.)	Carton Quantity	Model No.
#6 x 1 1/4	20	0.34	100	F06T125BDC
#6 x 1 1/4	20	0.34	1,000	F06T125BDM
#6 x 1 1/4	20	0.34	5,000	F06T125BDB
#8 x 1%	18	0.34	100	F08T162BDC
#8 x 1%	18	0.34	1,000	F08T162BDM
#8 x 1%	18	0.34	3,000	F08T162BDB
#8 x 2	18	0.34	100	F08T200BDC
#8 x 2	18	0.34	1,000	F08T200BDM
#8 x 2	18	0.34	2,500	F08T200BDB
#10 x 2½	16	0.34	100	F10T250BDC
#10 x 2½	16	0.34	1,000	F10T250BDM
#10 x 2½	16	0.34	2,000	F10T250BDB
#10 x 3	16	0.34	100	F10T300BDC
#10 x 3	16	0.34	1,500	F10T300BDB
#10 x 3½	16	0.34	100	F10T350BDC
#10 x 3½	16	0.34	1,000	F10T350BDB

<sup>\*</sup> 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.



## Self-Drilling Fiber-Cement Screw

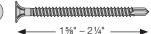
#### Common Application

Fasten fiber cement through furring strips to steel studs

#### **Features**

- Wafer head, square drive, selfcountersinking nibs under the head.
- Threaded to within 5/16" of top of head.
- #3 drill point.
- #2 square drive (replacement bit model BIT2S-2; see p. 103 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 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.



Size (in.)	Threads Per Inch	Head Diameter (in.)	Carton Quantity	Model No.
#8 x 1%	18	0.39	100	F08T162WDC
#8 x 1%	18	0.39	1,000	F08T162WDM
#8 x 1%	18	0.39	3,000	F08T162WDB
#8 x 21⁄4	18	0.39	100	F08T225WDC
#8 x 21⁄4	18	0.39	1,000	F08T225WDM
#8 x 21⁄4	18	0.39	2,500	F08T225WDB

<sup>\*</sup> 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.

## Self-Drilling Flat-Head Screw with Wings

#### Common Application

Fasten wood, plywood and fiber cement to steel — up to 0.209" thick

#### **Features**

- · Flat countersunk head with selfcountersinking nibs.
- #3 square drive (replacement bit model BIT3S-2; see p. 103 for more information).
- · Machine screw thread, threaded full lenath.
- · Shank slot enhances thread formation in steel and removes debris.
- · 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 54" 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 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.

)		
	2" - 31/4	4"

Size (in.)	Threads Per Inch	Head Diameter (in.)	Drill Point Size	Carton Quantity	Model No.
#12 x 2	24	0.38	#3	100	F12C200FDC
#12 x 2	24	0.38	#3	1,000	F12C200FDM
#12 x 2	24	0.38	#3	2,500	F12C200FDB
#12 x 2½	24	0.38	#3	100	F12C250FDC
#12 x 2½	24	0.38	#3	1,000	F12C250FDM
#12 x 2½	24	0.38	#3	1,800	F12C250FDB
#14 x 31⁄4	20	0.47	#4	100	F14C325FDC
#14 x 31/4	20	0.47	#4	1,000	F14C325FDB

<sup>\*</sup> 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.



## Self-Drilling Siding Screw

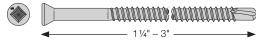
#### Common Application

Attach wood siding, wood panels and metal trim to steel studs

#### **Features**

- · Trim head.
- Threaded % of overall length.
- #3 drill point.
- #1 square drive (replacement bit model BIT1S-2; see p. 103 for more information).
- 1¼" and 1%" models are fully threaded
- 11/4" models are black xylan coated
- 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 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.



## Type 410 Stainless-Steel<sup>3</sup>

Size (in.)	Threads Per Inch	Head Diameter (in.)	Carton Quantity	Model No.
#6 x 11⁄4	20	0.23	5,000	F06T125TDB
#7 x 1%	19	0.23	100	F07T162TDC
#7 x 1%	19	0.23	1,000	F07T162TDM
#7 x 1%	19	0.23	5,000	F07T162TDB
#7 x 21⁄4	19	0.23	100	F07T225TDC
#7 x 21⁄4	19	0.23	1,000	F07T225TDM
#7 x 21⁄4	19	0.23	4,000	F07T225TDB
#7 x 3	19	0.23	100	F07T300TDC
#7 x 3	19	0.23	1,000	F07T300TDM
#7 x 3	19	0.23	2,000	F07T300TDB

<sup>\*</sup> 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.

## Self-Drilling Wafer-Head Screw with Wings

#### Common Application

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 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.





Size (in.)	Threads Per Inch	Head Diameter (in.)	Carton Quantity	Model No.
#10 x 17/16	24	0.45	100	F10C144WDC
#10 x 17/16	24	0.45	1,000	F10C144WDM
#10 x 17/16	24	0.45	4,500	F10C144WDB

<sup>\*</sup> 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.

## Self-Drilling Wire-Lath Modified Truss-Head Screw

#### Common Application

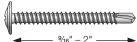
Metal lath to steel studs; corrugated siding panels to steel studs

#### **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 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.



Size (in.)	Threads Per Inch	Head Diameter (in.)	Carton Quantity	Model No.
#8 X %16	18	0.42	100	F08T056KDC
#8 x %16	18	0.42	1,000	F08T056KDM
#8 x %16	18	0.42	8,000	F08T056KDB
#8 x ¾	18	0.42	100	F08T075KDC
#8 x ¾	18	0.42	1,000	F08T075KDM
#8 x ¾	18	0.42	6,000	F08T075KDB
#8 x 11⁄4	18	0.42	100	F08T125KDC
#8 x 11/4	18	0.42	1,000	F08T125KDM
#8 x 11/4	18	0.42	4,000	F08T125KDB
#8 x 1%	18	0.42	100	F08T162KDC
#8 x 1%	18	0.42	1,000	F08T162KDM
#8 x 1%	18	0.42	3,000	F08T162KDB
#8 x 2	18	0.42	100	F08T200KDC
#8 x 2	18	0.42	1,000	F08T200KDM
#8 x 2	18	0.42	2,500	F08T200KDB

<sup>\*</sup> 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.

#### Parts and Accessories



## **Driver Bits**

Our industrial-grade driver bits are specially designed for a secure fit with the recess of Simpson Strong-Tie® fasteners. Available in both square and six-lobe drive configurations, our bits will outperform sub-standard bits commonly prone to cam-out and stripping. **Note:** Undersized bits are designed for use with coated fasteners.

#### Driver Bits: 6-Lobe

Drive	Bit Length (in.)	Bit Type	Clam Shell Quantity	Model No.
T-15	2	2" power bits	3	BIT15T-2-RC3
T-20	2	Auto-Set Driver	3	BIT20T-PL-RC3
T-20	2	2" power bits	3	BIT20T-2-RC3
T-25	2	2" power bits	3	BIT25T-2-RC3
T-27	2	2" power bits	3	BIT27T-2-RC3
T-30	2	2" power bits	3	BIT30T-2-RC3
T-40	13/4	1¾" power bits	3	BIT40T-134-RC3

### Driver Bits: Square Drive

Drive	Bit Length (in.)	Bit Type	Clam Shell Quantity	Model No.
#1 SQUARE	2	2" power bits	3	BIT1S-2-RC3
#2 SQUARE	2	2" power bits	3	BIT2S-2-RC3
#2U SQUARE	2	Undersized 2" power bits	3	BIT2SU-2-RC3
#3 SQUARE	2	2" power bits	3	BIT3S-2-RC3
#3U SQUARE	2	Undersized 2" power bits	3	BIT3SU-2-RC3

#### Driver Bits: Hex Drive

Drive (in.)	Bit Length (in.)	Bit Type	Clam Shell Quantity	Model No.
5/16	13/4	13/4" hex power bit	1	BITHEXR516-134
3/8	13⁄4	13/4" hex power bit	1	BITHEXR38-134
1/2	13/4	13/4" hex power bit	1	BITHEXR12-134







## **Nails**

		90
		2753
		100
		3111
		3000
		1.00
		100
		1100
Mari		
Y		
~		
~		

Premium Siding Nail
Premium Common Nail
Box Nail — Annular Ring Shank
Wood Siding Nail
Cedar Trim Nail
Common Nail — Annular Ring Shank 111
Fiber-Cement Siding Nail
Finishing Nail
Preservative-Treated Wood Decking Nail 115
Painted Siding Nail
Shake and Shingle Siding/Roofing Nail

## Premium Siding Nail

#### Common Application

Siding in severe-exposure environments

#### **Features**

- · Passivated to remove dirt and swarf ensuring corrosion resistance
- · Circle pattern head identifies product as Type 316, reduces glare and accepts surface finishes
- · Annular ring shank increases pull-out resistance, provides greater holding power and reduces cupping of siding
- · Blunt diamond point drives true and reduces board splitting





## Type 316 Stainless Steel

Length in. (Penny)	Wire Gauge	Shank Diameter (in.)		lead ameter (in.)	Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	25 lb. Bucket Model No.
1 (2d)	15	0.072	5/32	0.156	807	T2KR51	T2KR55	T2KR5B
1 (2d)	14	0.083	7/32	0.219	530	T2KR71	T2KR75	T2KR7B
1 1/4 (3d)	14	0.083	5/32	0.156	495	T3KR51	T3KR55	T3KR5B
1 1/4 (3d)	14	0.083	7/32	0.219	470	T3KR71	T3KR75	T3KR7B
1 ½ (4d)	14	0.083	5/32	0.156	398	T4KR51	T4KR55	T4KR5B
1 ½ (4d)	14	0.083	7/32	0.219	394	T4KR71	T4KR75	T4KR7B
13/4 (5d)	14	0.083	5/32	0.156	354	T5KR51	T5KR55	T5KR5B
13/4 (5d)	14	0.083	7/32	0.219	337	T5KR71	T5KR75	T5KR7B
2 (6d)	14	0.083	5/32	0.156	402	T6KR51	T6KR55	T6KR5B
2 (6d)	13	0.092	7/32	0.219	261	T6KR71	T6KR75	T6KR7B
21/4 (7d)	13	0.092	5/32	0.156	215	T7KR51	T7KR55	T7KR5B
21/4 (7d)	13	0.092	7/32	0.219	216	T7KR71	T7KR75	T7KR7B
2½ (8d)	13	0.092	5/32	0.156	196	T8KR51	T8KR55	T8KR5B
2½ (8d)	13	0.092	7/32	0.219	196	T8KR71	T8KR75	T8KR7B
3 (10d)	12	0.113	7/32	0.219	120	T10KR71	T10KR75	T10KR7B
31/4 (12d)	12	0.113	7/32	0.219	110	T12KR71	T12KR75	T12KR7B
3½ (16d)	11	0.120	1/4	0.250	88	T16KR41	T16KR45	T16KR4B

Parenthetical penny weight describes nominal length.

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.

#### **Exterior Nails**



## Premium Common Nail

#### **Common Application**

Fastening in severe-exposure environments

#### **Features**

- Passivated to remove dirt and swarf ensuring corrosion resistance
- Circle pattern head identifies product as Type 316, reduces glare and accepts surface finishes
- Annular ring shank increases pull-out resistance, provides greater holding power and reduces cupping of siding
- Blunt diamond point drives true and reduces board splitting





#### Type 316 Stainless Steel

Length in. (Penny)	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.
2 (6d)	11	0.120	17/64	0.266	144	T6AKR1	T6AKR5	T6AKRB
21/2 (8d)	10	0.131	9/32	0.281	94	T8AKR1	T8AKR5	T8AKRB
3 (10d)	9	0.148	5/16	0.312	67	T10AKR1	T10AKR5	T10AKRB
31/4 (12d)	9	0.148	5/16	0.312	60	T12AKR1	T12AKR5	T12AKRB
3½ (16d)	8	0.162	11/32	0.344	44	T16AKR1	T16AKR5	T16AKRB

Parenthetical penny weight describes nominal length.

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.

#### **Exterior Nails**

## Box Nail — Annular Ring Shank

#### **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
- Stainless-steel nails are recommended for construction of permanent wood foundations by the ANSI/AF&PA

Permanent Wood Foundations Design Specifications

- Special Order Options Call Simpson Strong-Tie for details (800) 999-5099
  - Spiral shank common, post-and-beam and box nails
  - Silicon-bronze nails
  - Painted white nails



## Type 316 Stainless Steel

Length in. (Penny)	Gauge	Shank Diameter (in.)	Head Diameter (in.)		Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	25 lb. Bucket Model No.
1 1/4 (3d)	14	0.083	7/32	0.219	473	_	_	T3ABNB
1 1/2 (4d)	14	0.083	7/32	0.219	413	T4ABN1	T4ABN5	_
13/4 (5d)	13	0.092	13/64	0.203	260	T5ABN1	T5ABN5	T5ABNB
2 (6d)	12	0.113	17/64	0.266	175	T6ABN1	T6ABN5	T6ABNB
21/4 (7d)	12	0.113	17/64	0.266	153	T7ABN1	T7ABN5	T7ABNB
21/2 (8d)	12	0.113	17/64	0.266	138	T8ABN1	T8ABN5	T8ABNB
3 (10d)	11	0.120	17/64	0.266	99	T10ABN1	T10ABN5	T10ABNB
31/4 (12d)	10	0.131	9/32	0.281	72	T12ABN1	T12ABN5	T12ABNB
3½ (16d)	10	0.131	9/32	0.281	67	T16ABN1	T16ABN5	T16ABNB
4 (20d)	8	0.162	11/32	0.344	40	_	_	T20ABNB

Parenthetical penny weight describes nominal length.



## Type 304 Stainless Steel

Length in. (Penny)	Gauge	Shank Diameter (in.)	Head Diameter (in.)		Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	25 lb. Bucket Model No.
1 1/4 (3d)	14	0.083	7/32	0.219	473	S3ABN1	S3ABN5	S3ABNB
1 ½ (4d)	14	0.083	7/32	0.219	413	S4ABN1	S4ABN5	S4ABNB
13/4 (5d)	13	0.092	13/64	0.203	260	S5ABN1	S5ABN5	S5ABNB
2 (6d)	12	0.113	17/64	0.266	175	S6ABN1	S6ABN5	S6ABNB
21/4 (7d)	12	0.113	17/64	0.266	153	S7ABN1	S7ABN5	S7ABNB
21/2 (8d)	12	0.113	17/64	0.266	138	S8ABN1	S8ABN5	S8ABNB
3 (10d)	11	0.120	17/64	0.266	99	S10ABN1	S10ABN5	S10ABNB
31/4 (12d)	10	0.131	9/32	0.281	72	S12ABN1	S12ABN5	S12ABNB
31/2 (16d)	10	0.131	9/32	0.281	67	S16ABN1	S16ABN5	S16ABNB

Parenthetical penny weight describes nominal length.

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.

# Strong-Tic

# Wood Siding Nail

#### **Features**

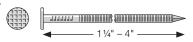
- · Checker pattern on head blends with wood grain, reduces glare from sunlight and accepts surface finishes
- · Annular ring shank increases pullout resistance to provide a secure
- attachment that reduces cupping of siding boards
- · Diamond point for easier driving



### Type 316 Stainless Steel

Length in. (Penny)	Gauge	Shank Diameter (in.)	Head Diameter (in.)		Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	25 lb. Bucket Model No.
1 1/4 (3d)	14	0.083	5/32	0.156	495	T3SND1	T3SND5	T3SNDB
1 1/2 (4d)	14	0.083	5/32	0.156	398	T4SND1	T4SND5	T4SNDB
13/4 (5d)	14	0.083	5/32	0.156	354	T5SND1	T5SND5	T5SNDB
2 (6d)	13	0.092	5/32	0.156	245	T6SND1	T6SND5	T6SNDB
21/4 (7d)	13	0.092	5/32	0.156	215	T7SND1	T7SND5	T7SNDB
21/2 (8d)	13	0.092	5/32	0.156	196	T8SND1	T8SND5	T8SNDB
3 (10d)	12	0.113	7/32	0.219	120	T10SND1	T10SND5	T10SNDB
31/4 (12d)	12	0.113	7/32	0.219	110	T12SND1	T12SND5	T12SNDB
3½ (16d)	11	0.120	1/4	0.250	88	T16SND1	T16SND5	T16SNDB
4 (20d)	10	0.131	1/4	0.250	74	T20SND1	T20SND5	T20SNDB

Parenthetical penny weight describes nominal length.



# Type 304 Stainless Steel

Length in. (Penny)	Gauge	Shank Diameter (in.)	Head Diameter (in.)		Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	25 lb. Bucket Model No.
1 1/4 (3d)	14	0.083	5/32	0.156	495	S3SND1	S3SND5	S3SNDB
1 1/2 (4d)	14	0.083	5/32	0.156	398	S4SND1	S4SND5	S4SNDB
13/4 (5d)	13	0.092	5/32	0.156	260	SP5SND1	SP5SND5	SP5SNDB
13/4 (5d)	14	0.083	5/32	0.156	354	S5SND1	S5SND5	S5SNDB
2 (6d)	13	0.092	5/32	0.156	245	S6SND1	S6SND5	S6SNDB
21/4 (7d)	13	0.092	5/32	0.156	215	S7SND1	S7SND5	S7SNDB
21/2 (8d)	13	0.092	5/32	0.156	196	S8SND1	S8SND5	S8SNDB
3 (10d)	12	0.113	7/32	0.219	120	S10SND1	S10SND5	S10SNDB
31/4 (12d)	12	0.113	7/32	0.219	110	S12SND1	S12SND5	S12SNDB
3½ (16d)	11	0.120	1/4	0.250	88	S16SND1	S16SND5	S16SNDB
4 (20d)	10	0.131	1/4	0.250	74	S20SND1	S20SND5	S20SNDB

Parenthetical penny weight describes nominal length.

SIMPSON Strong-Tie

# Cedar Trim Nail

#### **Features**

- Designed to fashion woven corners
- Ultra-thin 0.072" wire diameter
- Unobtrusive 0.135" diameter head

 Blunt diamond point minimizes shingle splitting

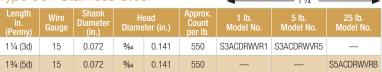


# Type 316 Stainless Steel

Length in. (Penny)	Wire Gauge	Shank Diameter (in.)	Head Diameter (in.)		Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.
1 1/4 (3d)	15	0.072	9/64	0.141	550	T3ACDRWVR1	T3ACDRWVR5

Parenthetical penny weight describes nominal length.

# Type 304 Stainless Steel



Parenthetical penny weight describes nominal length.

# Common Nail — Annular Ring Shank

#### **Features**

- Annular ring shank increases withdrawal resistance to provide a secure attachment
- Stainless-steel nails are recommended for construction of permanent wood foundations by the ANSI/AF&PA Permanent Wood Foundations Design Specifications
- Special Order Options Call Simpson Strong-Tie for details (800) 999-5099
  - Spiral shank
  - Silicon-bronze nails



## Type 316 Stainless Steel

туро о	Type o to otali licos oteoi											
Length in. (Penny)	Gauge	Shank Diameter (in.)	Diar	ead meter in.)	Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	25 lb. Bucket Model No.				
1 (2d)	15	0.072	3/16	0.188	807	T2ACN1	T2ACN5	T2ACNB				
1 1/4 (3d)	14	0.083	7/32	0.219	473	T3ACN1	T3ACN5	T3ACNB				
1 ½ (4d)	12	0.113	1/4	0.250	228	T4ACN1	T4ACN5	T4ACNB				
1 ½ (4d)	9	0.148	5/16	0.313	130	T4HACN1	T4HACN5	T4HACNB				
13/4 (5d)	12	0.113	1/4	0.250	193	T5ACN1	_	T5ACNB				
2 (6d)	11	0.120	17/64	0.266	144	T6ACN1	T6ACN5	T6ACNB				
21/4 (7d)	11	0.120	17/64	0.266	133	_	_	T7ACNB				
2½ (8d)	10	0.131	9/32	0.281	94	T8ACN1	T8ACN5	T8ACNB				
3 (10d)	9	0.148	5/16	0.313	67	T10ACN1	T10ACN5	T10ACNB				
31/4 (12d)	9	0.148	5/16	0.313	60	T12ACN1	T12ACN5	T12ACNB				
3½ (16d)	8	0.162	11/32	0.344	44	T16ACN1	T16ACN5	T16ACNB				
4 (20d)	6	0.203	7/16	0.438	25	T20ACN1	T20ACN5	T20ACNB				
4½ (30d)	6	0.203	7/16	0.438	22	_	T30ACN5	T30ACNB				
5 (40d)	6	0.203	7/16	0.438	19	T40ACN1	T40ACN5	T40ACNB				
6 (60d)	4	0.238	15/32	0.469	12	T60ACN1	T60ACN5	T60ACNB				
7 (70d)	4	0.238	15/32	0.469	10	T70ACN1	_	T70ACNB				

Parenthetical penny weight describes nominal length.







Type 304 Stall liess Steel											
Length in. (Penny)	Gauge	Shank Diameter (in.)	Head Diameter (in.)		Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	25 lb. Bucket Model No.			
1 (2d)	15	0.072	3/16	0.188	807	S2ACN1	S2ACN5	S2ACNB			
1 (2d)	14	0.083	7/32	0.219	530	S2HACN1	S2HACN5	S2HACNB			
1 1/4 (3d)	14	0.083	7/32	0.219	473	S3ACN1	S3ACN5	S3ACNB			
1 ½ (4d)	12	0.113	1/4	0.250	228	S4ACN1	S4ACN5	S4ACNB			
1¾ (5d)	12	0.113	1/4	0.250	193	S5ACN1	S5ACN5	S5ACNB			
2 (6d)	11	0.120	17/64	0.266	144	S6ACN1	S6ACN5	S6ACNB			
21/4 (7d)	11	0.120	17/64	0.266	133	S7ACN1	S7ACN5	S7ACNB			
2½ (8d)	10	0.131	9/32	0.281	94	S8ACN1	S8ACN5	S8ACNB			
3 (10d)	9	0.148	5/16	0.313	67	S10ACN1	S10ACN5	S10ACNB			
31/4 12d	9	0.148	5/16	0.313	60	S12ACN1	S12ACN5	S12ACNB			
3½ (16d)	8	0.162	11/32	0.344	44	S16ACN1	S16ACN5	S16ACNB			
4 (20d)	6	0.203	7/16	0.438	25	S20ACN1	S20ACN5	S20ACNB			
4½ (30d)	6	0.203	7/16	0.438	22	S30ACN1	S30ACN5	S30ACNB			
5 (40d)	6	0.203	7/16	0.438	19	S40ACN1	S40ACN5	S40ACNB			
6 (60d)	4	0.238	15/32	0.469	12	S60ACN1	S60ACN5	S60ACNB			
7 (70d)	4	0.238	15/32	0.469	10	S70ACN1	_	S70ACNB			

Parenthetical penny weight describes nominal length.



# Fiber-Cement Siding 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
- 11/4" length has an 11/32" head for blindnailing lap siding
- · Diamond point for easier driving





# Type 316 Stainless Steel

Length in. (Penny)	Gauge	Shank Diameter (in.)	Head Diameter (in.)		Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	25 lb. Bucket Model No.
1 1/4 (3d)	11	0.120	11/32	0.344	199	T3PCS1	T3PCS5	T3PCSB
1 ½ (4d)	11	0.120	9/32	0.281	179	T4PCS1	T4PCS5	T4PCSB
2 (6d)	11	0.120	9/32	0.281	144	T6PCS1	T6PCS5	T6PCSB
2½ (8d)	11	0.120	9/32	0.281	115	T8PCS1	T8PCS5	T8PCSB

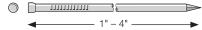
Parenthetical penny weight describes nominal length.

SIMPSON Strong-Tie

# 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

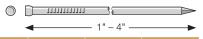


# Type 316 Stainless Steel

Type of a stan need attent											
Length in. (Penny)	Gauge	Shank Diameter (in.)	Head Diameter (in.)		Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	25 lb. Bucket Model No.			
1 (2d)	15	0.072	6/55	0.109	863	T2FN1*	_	T2FNB			
1 1/4 (3d)	15	0.072	6/55	0.109	649	T3FN1	T3FN5	T3FNB			
1 ½ (4d)	14	0.083	3/25	0.120	434	T4FN1	T4FN5	T4FNB			
13/4 (5d)	14	0.083	3/25	0.120	375	T5FN1	_	_			
2 (6d)	13	0.092	5/37	0.135	247	T6FN1	T6FN5	T6FNB			
2½ (8d)	12	0.113	4/27	0.148	146	T8FN1	T8FN5	T8FNB			
3 (10d)	11	0.120	16/97	0.165	102	T10FN1	T10FN5	T10FNB			
31/4 (12d)	11	0.120	16/97	0.165	97	T12FN1	T12FN5	T12FNB			
3½ (16d)	11	0.120	16/97	0.165	86	T16FN1	T16FN5	T16FNB			

Parenthetical penny weight describes nominal length.

# Type 304 Stainless Steel



Length in. (Penny)	Gauge	Shank Diameter (in.)	Head Diameter (in.)		Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	25 lb. Bucket Model No.
1 (2d)	15	0.072	6/55	0.109	863	S2FN1	_	S2FNB
1 1/4 (3d)	15	0.072	6/55	0.109	649	S3FN1	S3FN5	S3FNB
1 ½ (4d)	14	0.083	3/25	0.120	434	S4FN1	S4FN5	S4FNB
1¾ (5d)	14	0.083	3/25	0.120	375	S5FN1	S5FN5	S5FNB
2 (6d)	13	0.092	5/37	0.135	247	S6FN1	S6FN5	S6FNB
2½ (8d)	12	0.113	4/27	0.148	146	S8FN1	S8FN5	S8FNB
3 (10d)	11	0.120	16/97	0.165	102	S10FN1	S10FN5	S10FNB
31/4 (12d)	11	0.120	16/97	0.165	97	S12FN1	S12FN5	S12FNB
3½ (16d)	11	0.120	16/97	0.165	86	S16FN1	S16FN5	S16FNB

Parenthetical penny weight describes nominal length.

# Preservative-Treated Wood Decking Nail

#### **Features**

- · Ideal for decks and docks
- · Checker pattern on head blends with wood grain and reduces glare from sunlight
- · Annular ring shank increases withdrawal resistance to help prevent nail heads from popping up over time
- Larger shank diameter easily penetrates both green and seasoned preservativetreated pine
- · Diamond point for easier driving

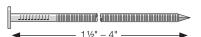


# Type 316 Stainless Steel

Length in. (Penny)	Gauge	Shank Diameter (in.)	Head Diameter (in.)		Approx Count per lb.	1 lb. Model No.	5 lb. Model No.	25 lb. Bucket Model No.
1 1/2 (4d)	12	0.113	1/4	0.250	228	T4PTD1	T4PTD5	T4PTDB
2 (6d)	11	0.120	9/32	0.281	144	T6PTD1	T6PTD5	T6PTDB
21/2 (8d)	11	0.120	9/32	0.281	115	T8PTD1	T8PTD5	T8PTDB
21/2 (8d)	10	0.131	9/32	0.281	94	T8HPTD1	T8HPTD5	T8HPTDB
3 (10d)	10	0.131	9/32	0.281	79	T10PTD1	T10PTD5	T10PTDB
3 (10d)	9	0.148	5/16	0.313	67	T10HPTD1	T10HPTD5	T10HPTDB
31/4 12d	9	0.148	5/16	0.313	60	T12PTD1	T12PTD5	T12PTDB
3½ (16d)	9	0.148	5/16	0.313	56	T16PTD1	T16PTD5	T16PTDB
3½ (16d)	8	0.162	11/32	0.344	44	T16HPTD1	T16HPTD5	T16HPTDB
4 (20d)	8	0.162	11/32	0.344	40	T20PTD1	T20PTD5	T20PTDB
4 (20d)	6	0.203	7/16	0.438	25	_	T20HPTD5	T20HPTDB

Parenthetical penny weight describes nominal length.





# Type 304 Stainless Steel

Length in. (Penny)	Gauge	Shank Diameter (in.)	Dia	lead imeter (in.)	Approx Count per lb.	1 lb. Model No.	5 lb. Model No.	25 lb. Bucket Model No.
1 ½ (4d)	12	0.113	1/4	0.250	228	_	_	S4PTDB
2 (6d)	11	0.120	9/32	0.281	144	S6PTD1	S6PTD5	S6PTDB
21/2 (8d)	11	0.120	9/32	0.281	115	S8PTD1	S8PTD5	S8PTDB
21/2 (8d)	10	0.131	9/32	0.281	94	S8HPTD1	S8HPTD5	S8HPTDB
3 (10d)	10	0.131	9/32	0.281	79	S10PTD1	S10PTD5	S10PTDB
3 (10d)	9	0.148	5/16	0.313	67	S10HPTD1	S10HPTD5	S10HPTDB
31/4 (12d)	9	0.148	5/16	0.313	60	S12PTD1	S12PTD5	S12PTDB
3½ (16d)	9	0.148	5/16	0.313	56	S16PTD1	S16PTD5	S16PTDB
31/2 (16d)	8	0.162	11/32	0.344	44	S16HPTD1	S16HPTD5	S16HPTDB
4 (20d)	8	0.162	11/32	0.344	40	S20PTD1	S20PTD5	S20PTDB
4 (20d)	6	0.203	7/16	0.438	25	S20HPTD1	_	S20HPTDB

Parenthetical penny weight describes nominal length.

# 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
- Slender gauge and diamond point for easier driving
- Custom colors available upon request (minimums apply) — call for details
- Hammer caps recommended for painted head nails



# Type 316 Stainless Steel

21													
Length in. (Penny)	Gauge	Shank Diameter (in.)	Dia	ead meter in.)	Color	Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	25 lb. Bucket Model No.				
2 (6d)	13	0.092	5/32	0.156	Gray	245	_	_	T6SNDGB				
2 (6d)	13	0.092	5/32	0.156	Redwood	245	_	T6SNDR5	T6SNDRB				
2 (6d)	13	0.092	5/32	0.156	White	245	_	_	T6SNDWB				
2½ (8d)	13	0.092	5/32	0.156	Dark Brown	196	_	_	T8SNDBB				
2½ (8d)	13	0.092	5/32	0.156	White	196	T8SNDW1	T8SNDW5	T8SNDWB				
3 (10d)	12	0.113	7/32	0.219	Dark Brown	120	_	_	T10SNDBB				
3 (10d)	12	0.113	7/32	0.219	Gray	120	_	_	_				
3 (10d)	12	0.113	7/32	0.219	Redwood	120	_	_	_				
3 (10d)	12	0.113	7/32	0.219	Tan	120	_	_	_				
3 (10d)	12	0.113	7/32	0.219	White	120	T10SNDW1	_	_				

Parenthetical penny weight describes nominal length.











# Painted Siding Nail (cont.)



# Type 304 Stainless Steel

. )   0 0	Type 504 Stail liess Steel											
Length in. (Penny)	Gauge	Shank Diameter (in.)		ead meter in.)	Color	Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	25 lb. Bucket Model No.			
1 ½ (4d)	14	0.083	5/32	0.156	Redwood	398	S4SNDR1	S4SNDR5	_			
1 ½ (4d)	14	0.083	5/32	0.156	Tan	398	S4SNDT1	S4SNDT5	_			
1 ½ (4d)	14	0.083	5/32	0.156	White	398	_	_	S4SNDWB			
2 (6d)	13	0.092	5/32	0.156	Dark Brown	245	S6SNDB1	S6SNDB5	S6SNDBB			
2 (6d)	13	0.092	5/32	0.156	Gray	245	S6SNDG1	S6SNDG5	S6SNDGB			
2 (6d)	13	0.092	5/32	0.156	Redwood	245	S6SNDR1	S6SNDR5	_			
2 (6d)	13	0.092	5/32	0.156	Sienna	245	_	S6SNDS5	S6SNDSB			
2 (6d)	13	0.092	5/32	0.156	Tan	245	S6SNDT1	S6SNDT5	S6SNDTB			
2 (6d)	13	0.092	5/32	0.156	White	245	S6SNDW1	S6SNDW5	S6SNDWB			
2½ (8d)	13	0.092	5/32	0.156	Dark Brown	196	S8SNDB1	S8SNDB5	S8SNDBB			
2½ (8d)	13	0.092	5/32	0.156	Gray	196	S8SNDG1	S8SNDG5	S8SNDGB			
2½ (8d)	13	0.092	5/32	0.156	Redwood	196	S8SNDR1	S8SNDR5	S8SNDRB			
2½ (8d)	13	0.092	5/32	0.156	Sienna	196	S8SNDS1	S8SNDS5	S8SNDSB			
2½ (8d)	13	0.092	5/32	0.156	Tan	196	S8SNDT1	S8SNDT5	S8SNDTB			
2½ (8d)	13	0.092	5/32	0.156	White	196	S8SNDW1	S8SNDW5	S8SNDWB			
3 (10d)	12	0.113	7/32	0.219	Dark Brown	120	S10SNDB1	S10SNDB5	S10SNDBB			
3 (10d)	12	0.113	7/32	0.219	Gray	120	S10SNDG1	S10SNDG5	S10SNDGB			
3 (10d)	12	0.113	7/32	0.219	Redwood	120	S10SNDR1	S10SNDR5	S10SNDRB			
3 (10d)	12	0.113	7/32	0.219	Tan	120	S10SNDT1	S10SNDT5	S10SNDTB			
3 (10d)	12	0.113	7/32	0.219	White	120	S10SNDW1	S10SNDW5	S10SNDWB			
3½ (16d)	11	0.120	1/4	0.250	Dark Brown	88	S16SNDB1	S16SNDB5	S16SNDBB			
3½ (16d)	11	0.120	1/4	0.250	Gray	88	S16SNDG1	S16SNDG5	S16SNDGB			
3½ (16d)	11	0.120	1/4	0.250	Redwood	88	S16SNDR1	S16SNDR5	S16SNDRB			
3½ (16d)	11	0.120	1/4	0.250	Sienna	88	S16SNDS1	S16SNDS5	S16SNDSB			
3½ (16d)	11	0.120	1/4	0.250	Tan	88	S16SNDT1	S16SNDT5	S16SNDTB			

Parenthetical penny weight describes nominal length.











SIMPSON Strong-Tie

# Shake and Shingle Siding/Roofing Nail

#### **Features**

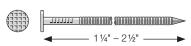
- ½"-diameter flat head provides ample bearing surface to firmly secure shakes and shingles of all types
- Checker pattern on head blends with wood grain, reduces glare from sunlight and accepts surface finishes
- Slender shanks minimize splitting
- Diamond point for easier driving



# Type 316 Stainless Steel

Length in. (Penny)	Gauge	Shank Diameter (in.)		Head ameter (in.)	Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	25 lb. Bucket Model No.
1 1/4 (3d)	14	0.083	7/32	0.219	470	T3SN71	T3SN75	T3SN7B
1 ½ (4d)	14	0.083	7/32	0.219	394	T4SN71	T4SN75	T4SN7B
1¾ (5d)	14	0.083	7/32	0.219	337	T5SN71	T5SN75	T5SN7B
2 (6d)	13	0.092	7/32	0.219	237	T6SN71	T6SN75	T6SN7B
21/4 (7d)	13	0.092	7/32	0.219	216	T7SN71	T7SN75	T7SN7B
2½ (8d)	13	0.092	7/32	0.219	196	T8SN71	T8SN75	T8SN7B

Parenthetical penny weight describes nominal length.



# Type 304 Stainless Steel

Length in. (Penny)	Gauge	Shank Diameter (in.)	Dia	lead meter (in.)	Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	25 lb. Bucket Model No.
1 1/4 (3d)	14	0.083	7/32	0.219	470	S3SN71	S3SN75	S3SN7B
1 ½ (4d)	14	0.083	7/32	0.219	394	S4SN71	S4SN75	S4SN7B
13/4 (5d)	14	0.083	7/32	0.219	337	S5SN71	S5SN75	S5SN7B
2 (6d)	13	0.092	7/32	0.219	237	S6SN71	S6SN75	S6SN7B
21/4 (7d)	13	0.092	7/32	0.219	216	S7SN71	S7SN75	S7SN7B
2½ (8d)	13	0.092	7/32	0.219	196	S8SN71	S8SN75	S8SN7B

Parenthetical penny weight describes nominal length.

# Strong-Tie

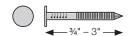
# Roofing Nail — Annular Ring Shank

#### **Features**

- · Large, flat head provides extra bearing surface to firmly secure roofing material
- · 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

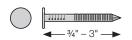


#### Type 316 Stainless Steel

Length in. (Penny)	Gauge	Shank Diameter (in.)	Head Diameter (in.)		Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	25 lb. Bucket Model No.
3/4 ()	10	0.131	3/8	0.375	281	T7510ARN1	T7510ARN5	T7510ARNB
1 (2d)	10	0.131	3/8	0.375	212	T210ARN1	T210ARN5	T210ARNB
1 1/4 (3d)	10	0.131	3/8	0.375	166	T310ARN1	T310ARN5	T310ARNB
1 1/4 (3d)	11	0.120	11/32	0.344	199	T311ARN1	_	T311ARNB
1 ½ (4d)	10	0.131	3/8	0.375	139	T410ARN1	T410ARN5	T410ARNB
1 ½ (4d)	11	0.120	11/32	0.344	170	T411ARN1	T411ARN5	T411ARNB
1¾ (5d)	10	0.131	3/8	0.375	126	T510ARN1	T510ARN5	T510ARNB
2 (6d)	10	0.131	3/8	0.375	105	T610ARN1	T610ARN5	T610ARNB
2 (6d)	11	0.120	11/32	0.344	136	_	_	T611ARNB
2½ (8d)	10	0.131	3/8	0.375	91	T810ARN1	T810ARN5	T810ARNB
3 (10d)	10	0.131	3/8	0.375	78	T1010ARN1	T1010ARN5	T1010ARNB

Parenthetical penny weight describes nominal length.

# Type 304 Stainless Steel



Length in. (Penny)	Gauge	Shank Diameter (in.)		lead meter in.)	Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	25 lb. Bucket Model No.
3/4 ()	10	0.131	3/8	0.375	281	S7510ARN1	S7510ARN5	S7510ARNB
1 (2d)	10	0.131	3/8	0.375	212	S210ARN1	S210ARN5	S210ARNB
1 1/4 (3d)	10	0.131	3/8	0.375	166	S310ARN1	S310ARN5	S310ARNB
1 1/4 (3d)	11	0.120	3/8	0.375	199	S311ARN1	S311ARN5	S311ARNB
1 1/2 (4d)	10	0.131	3/8	0.375	139	S410ARN1	S410ARN5	S410ARNB
1 1/2 (4d)	11	0.120	3/8	0.375	170	S411ARN1	S411ARN5	S411ARNB
13/4 (5d)	10	0.131	3/8	0.375	126	S510ARN1	S510ARN5	S510ARNB
13/4 (5d)	11	0.120	3/8	0.375	149	_	S511ARN5	S511ARNB
2 (6d)	10	0.131	3/8	0.375	105	S610ARN1	S610ARN5	S610ARNB
2 (6d)	11	0.120	3/8	0.375	136	S611ARN1	S611ARN5	S611ARNB
2½ (8d)	10	0.131	3/8	0.375	91	S810ARN1	S810ARN5	S810ARNB
3 (10d)	10	0.131	3/8	0.375	78	S1010ARN1	S1010ARN5	S1010ARNB

Parenthetical penny weight describes nominal length.



# Roofing Nail — Annular Ring Shank (cont.)

# Copper



Length in. (Penny)	Gauge	Shank Diameter (in.)		ead meter in.)	Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	25 lb. Bucket Model No.
3/4 ()	11	0.120	3/8	0.375	302	C7511ARN1	C7511ARN5	C7511ARNB
1 (2d)	10	0.131	7/16	0.438	187	C210ARN1	C210ARN5	C210ARNB
1 (2d)	11	0.120	3/8	0.375	229	C211ARN1	C211ARN5	C211ARNB
1 1/4 (3d)	10	0.131	7/16	0.438	147	C310ARN1	C310ARN5	C310ARNB
1 1/4 (3d)	11	0.120	3/8	0.375	187	C311ARN1	C311ARN5	C311ARNB
1½ (4d)	10	0.131	7/16	0.438	123	C410ARN1	C410ARN5	C410ARNB
1½ (4d)	11	0.120	3/8	0.375	155	C411ARN1	C411ARN5	C411ARNB
1¾ (5d)	10	0.131	7/16	0.438	112	C510ARN1	C510ARN5	C510ARNB
1¾ (5d)	11	0.120	3/8	0.375	139	C511ARN1	C511ARN5	C511ARNB
2 (6d)	10	0.131	7/16	0.438	93	C610ARN1	C610ARN5	C610ARNB
2 (6d)	11	0.120	3/8	0.375	124	C611ARN1	C611ARN5	C611ARNB
2½ (8d)	10	0.131	7/16	0.438	81	C810ARN1	C810ARN5	C810ARNB
2½ (8d)	11	0.120	3/8	0.375	108	_	_	C811ARNB
3 (10d)	10	0.131	7/16	0.438	67	C1010ARN1	C1010ARN5	C1010ARNB

Parenthetical penny weight describes nominal length.

### Aluminum



Length in. (Penny)	Gauge	Shank Diameter (in.)		ead neter n.)	Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	25 lb. Bucket Model No.
1 (2d)	11	0.120	3/8	0.375	810	_	_	A211ARNB
1 1/4 (3d)	11	0.120	3/8	0.375	686	A311ARN1	A311ARN5	A311ARNB
1 ½ (4d)	11	0.120	3/8	0.375	577	_	_	A411ARNB

Parenthetical penny weight describes nominal length.

# Roofing Nail — Smooth Shank

#### **Features**

- · Large, flat head provides extra bearing surface to firmly secure roofing material
- · 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

# Copper



Strong-Tie

Length in. (Penny)	Gauge	Shank Diameter (in.)	Dia	lead meter in.)	Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	25 lb. Bucket Model No.
3/4 ()	11	0.120	3/8	0.375	302	C7511RN1	C7511RN5	C7511RNB
1 (2d)	10	0.131	7/16	0.438	187	C210RN1	C210RN5	C210RNB
1 (2d)	11	0.120	3/8	0.375	229	C211RN1	C211RN5	C211RNB
1 1/4 (3d)	10	0.131	7/16	0.438	147	C310RN1	C310RN5	C310RNB
1 1/4 (3d)	11	0.120	3/8	0.375	187	C311RN1	C311RN5	C311RNB
1 ½ (4d)	10	0.131	7/16	0.438	123	C410RN1	C410RN5	C410RNB
1 ½ (4d)	11	0.120	3/8	0.375	155	C411RN1	C411RN5	C411RNB
1 3/4 (5d)	10	0.131	7/16	0.438	112	C510RN1	C510RN5	C510RNB
1 3/4 (5d)	11	0.120	3/8	0.375	139	C511RN1	C511RN5	C511RNB
2 (6d)	10	0.131	7/16	0.438	93	C610RN1	C610RN5	C610RNB
2 (6d)	11	0.120	3/8	0.375	124	C611RN1	C611RN5	C611RNB
2½ (8d)	10	0.131	7/16	0.438	81	C810RN1	C810RN5	C810RNB
2½ (8d)	11	0.120	3/8	0.375	108	C811RN1	_	C811RNB
3 (10d)	10	0.131	7/16	0.438	67	C1010RN1	C1010RN5	C1010RNB

Parenthetical penny weight describes nominal length.

### Aluminum



Length in. (Penny)	Gauge	Shank Diameter (in.)	Dia	lead ameter (in.)	Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	25 lb. Bucket Model No.
1 (2d)	11	0.120	3/8	0.375	810	_	_	A211RNB
1 ½ (4d)	9	0.148	7/16	0.438	374	_	_	A49RNB

Parenthetical penny weight describes nominal length.







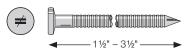
0 0	O		
	•	Strong-Drive® SCNR RING-SHANK	
		CONNECTOR Nail Strong-Drive SCN SMOOTH-SHANK CONNECTOR Nail PVC Trim-Board Nail	. 125
		Marine Screw — Pan Head	
	•	Marine Screw — Flat Head	
		PVC Trim-Board Screw	. 128
		Fascia-Fastening Solution™	. 129
		Cement Board Screw	. 130
		Fiber-Cement Screw	
		Metal-Panel Screw	
		Metal-Panel Screw with EPDM Washer	
		Self-Drilling Hex-Washer-Head Screw Self-Drilling Hex-Washer-Head Screw	. 132
		with EPDM Sealing Washer	. 133
		Self-Drilling Flat-Pan-Head Screw	. 134
		Pancake-Head Screw	
		PC Standing-Seam-Roofing Panel Clip Screw	
		Wire-Lath Modified Truss-Head Screw	
		Truss-Head Screw	. 136
		EB-TY® Premium Hidden Deck-Fastening System™	137
		lpê Wood Plugs	

# **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 connectors. Choose Type 316 stainless steel when using stainless-steel connectors.

See p. 143 for collated Strong-Drive SCNR Ring-Shank Connector Nails.



# Type 316 Stainless Steel

Model No. Prefix	Ga. x In.	Shank Diameter (in.)	Head Diameter (in.)	1 lb. Model No.	1 lb. Box Model No.	5 lb. Box Model No.	25 lb. Bucket Model No.
SSNA8	10 x 1½	0.131	0.31	SSNA8	SSNA8D	SSNA8D5	SSNA8DB
SSA8D	10 x 2½	0.131	0.31	SSA8D	SSA8DD	SSA8D5	SSA8DB
SSNA10	9 x 1½	0.148	0.31	SSNA10	SSNA10D	SSNA10D5	SSNA10DB
SSA10D	9 x 3	0.148	0.31	SSA10D	SSA10DD	SSA10D5	SSA10DB
SSA16D	8 x 3½	0.162	0.34	SSA16D	SSA16DD	SSA16D5	SSA16DB

# Hot-Dip Galvanized — Class D ← 2½" ← 2½"

#### Shank Head 25 lb. Model No. Ga. 1 lb. 5 lb. Diameter **Bucket** Diameter Prefix x In. Model No. Model No. (in.) (in.) Model No. N54AHDG 31/2 x 21/2 0.250 0.500 N54AHDG - Sold by the pound

Bright	Bright ≠ 11111111111111111111111111111111111										
Model No. Prefix	Ga. x In.	Shank Diameter (in.)	Head Diameter (in.)	1 lb. Model No.	5 lb. Model No.	25 lb. Bucket Model No.					
N54A	3½ x 2½	0.250	0.500	N5	4A – Sold by the	e pound					

Bright nails are not for use in exterior or preservative-treated wood applications.

# 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.

See p. 142 for collated Strong-Drive SCN Smooth-Shank Connector Nails.

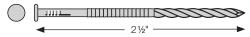
# Hot-Dip Galvanized – Class D



Model No. Prefix	Ga. x In.	Shank Diameter (in.)	Head Diameter (in.)	1 lb. Model No.	1 lb. Box Model No.	5 lb. Box Model No.
N8	10 x 1½	0.131	0.31	N8	N8DHDG-R	N8D5HDG-R
N10	9 x 1½	0.148	0.31	N10	N10DHDG-R	N10D5HDG-R
10D	9 x 3	0.148	0.31	_	10DHDG-R	10D5HDG-R
16D	8 x 3½	0.162	0.34	_	16DHDG-R	16D5HDG-R

# **PVC Trim-Board 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 holding power. Nails that are fully ring shank can blast open the back of a trim board leading to a looser fit, while smooth nails or trim nails do not have the same holding power or strength. The PVC trim-board nail is the best of both worlds.



Penny Size	Ga. x In.			Shank	Head Type	Point	Count per lb. (approx)	Package Size	Model No.
8d	13 x 2½	0.092	0.21	Spiral/Ring shank	Checkered head	Diamond point	196	1,000	T8VTN1000





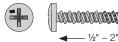
# Marine Screw — Pan Head

#### **Common Applications**

Designed to fasten securely in fiberglass, plywood and wood-substitute materials in applications exposed to harsh 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 highdensity 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 % of the shank length



Type o to otali lioso oteol						
# x In.	Head Diameter (in.)	Nominal Screw Diameter (in.)	100-Count Model No.	1,000-Count Model No.		
#6 x ½	0.26	0.138	T06J050PXC	T06J050PXM		
#6 x ¾	0.26	0.138	T06J075PXC	T06J075PXM		
#8 x ¾	0.31	0.164	T08J075PXC	T08J075PXM		
#10 x ¾	0.37	0.190	T10J075PXC	T10J075PXM		
#8 x 1	0.31	0.164	T08J100PXC	T08J100PXM		
#10 x 1	0.37	0.190	T10J100PXC	T10J100PXM		
#12 x 1	0.42	0.216	T12J100PXC	T12J100PXM		
#8 x 1 1/4	0.31	0.164	T08J125PXC	T08J125PXM		
#10 x 11/4	0.37	0.190	T10J125PXC	T10J125PXM		
#8 x 1 ½	0.31	0.164	T08J150PXC	T08J150PXM		
#10 x 1½	0.37	0.190	T10J150PXC	T10J150PXM		
#12 x 1½	0.42	0.216	T12J150PXC	T12J150PXM		
#12 x 2	0.42	0.216	T12J200PXC	T12J200PXM		



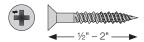
# Marine Screw — Flat Head

#### **Common Applications**

Designed to fasten securely in fiberglass, plywood and wood-substitute materials in applications exposed to harsh 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 highdensity 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 % of the shank length



# x ln.	Head Diameter (in.)	Nominal Screw Diameter (in.)	100-Count Model No.	1,000-Count Model No.
#6 x ½	0.26	0.138	T06J050FXC	T06J050FXM
#6 x ¾	0.26	0.138	T06J075FXC	T06J075FXM
#8 x ¾	0.31	0.164	T08J075FXC	T08J075FXM
#6 x 1	0.26	0.138	T06J100FXC	T06J100FXM
#8 x 1	0.31	0.164	T08J100FXC	T08J100FXM
#10 x 1	0.36	0.190	T10J100FXC	T10J100FXM
#8 x 11⁄4	0.31	0.164	T08J125FXC	T08J125FXM
#8 x 1½	0.31	0.164	T08J150FXC	T08J150FXM
#10 x 1½	0.36	0.190	T10J150FXC	T10J150FXM
#10 x 2	0.36	0.190	T10J200FXC	T10J200FXM



# **PVC Trim-Board Screw**



#### PVC Trim and Fascia Applications

The new PVC Trim-Board screw is a special-purpose fastener engineered for easy installations of exterior PVC trim and fascia 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.

#### **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

medium-level corrosion resistance blends with popular white trim boards

• Deep 6-lobe T-20 recess drive reduces

· White exterior-grade coating for

cam-outs

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

U.S. Patent Pending



# White Exterior-Grade Coating

# x In. Point Type		Model No.	Quantity
#8 x 21⁄4	High-low thread	TSV214R70WH01	70



# 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 ½"-¾"-thick fascia boards
- Available in 12 colors to match major manufacturers' fascia material
- Approved for attachment of Trex® Fascia Boards

#### 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 shaft to allow for board expansion and contraction

# Fascia Screw — Type 316, Stainless-Steel Painted Head



	Type 316 Stainless Steel							
# x In.	Head Color	Head Dia. (in.)	Point Type	Drive Type	Model No.	Quantity		
#8 x 13/4	Brown 01	0.40	Type-17	T-20	T08175FS75BR01	75		
#8 x 13/4	Brown 05	0.40	Type-17	T-20	T08175FS75BR05	75		
#8 x 13/4	Gray	0.40	Type-17	T-20	T08175FS75GR	75		
#8 x 1¾	Gray 01	0.40	Type-17	T-20	T08175FS75GR01	75		
#8 x 1¾	Gray 04	0.40	Type-17	T-20	T08175FS75GR04	75		
#8 x 13/4	Red	0.40	Type-17	T-20	T08175FS75RD	75		
#8 x 1¾	Red 01	0.40	Type-17	T-20	T08175FS75RD01	75		
#8 x 13/4	Tan	0.40	Type-17	T-20	T08175FS75TN	75		
#8 x 1¾	Tan 01	0.40	Type-17	T-20	T08175FS75TN01	75		
#8 x 13/4	Tan 02	0.40	Type-17	T-20	T08175FS75TN02	75		
#8 x 1¾	Tan 03	0.40	Type-17	T-20	T08175FS75TN03	75		
#8 x 1¾	White 01	0.40	Type-17	T-20	T08175FS75WH01	75		

### Fascia Counterbore Bit

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





# Cement Board Screw

#### Cement Board Fastening Applications

Designed for Use in All Cement Backerboards Including HardieBacker<sup>®</sup>, Durock<sup>®</sup>, WonderBoard<sup>®</sup> and PermaBase<sup>®</sup>

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**

 Deep 6-lobe T-25 recess drive reduces cam-outs

Codes/Standards: ANSI-A108 compliant

- High-low thread for easier driving
- Wafer-head with nibs provides a flush finish
- Distinctive multilayer corrosion-resistant coating prevents rust stains





### Coated Zinc

		Head		Reta	ail Pack	Contractor Pack		
# x	ln.	Dia. (in.)	Drive Type	Fasteners per Pack	Model No.	Fasteners per Pack	Model No.	
#8 x	1 1/4	0.38	T-25	200	CBHL114R200	800	CBHL114R800	
#8 x	1%	0.38	T-25	150	CBHL158R150	600	CBHL158R600	
#8 x	21/4	0.38	T-25	100	CBHL214R100	_	_	

- 1. Corrosion resistance: No red rust after 500 hours of ASTMB117 exposure.
- 2. Replacement driver bit: BIT25T-2-RC3.

HardieBacker®, Durock®, WonderBoard® and PermaBase® are trademarks of their respective companies.

# Fiber-Cement Screw

#### **Features**

- · Wafer head with self-countersinking nibs
- Type-17 point for fast starts
- Use 11/4" screws to attach fiber cement siding to stress skin panels
- Use 1%" screws to blind-fasten fiber cement lap siding to wood
- #2 square drive (replacement bit model BIT2S-2; see p. 103 for more information)



# Type 316 Stainless Steel

# x In.	Head Diameter (in.)	Carton Quantity	Model No.
#8 x 11/4	0.39	100	T08C125WQC
#8 x 1 1/4	0.39	1,000	T08C125WQM
#8 x 1%	0.39	100	T08C162WQC
#8 x 1%	0.39	1,000	T08C162WQM
#8 x 21/4	0.39	100	T08225WQ1
#8 x 21/4	0.39	1,000	T08C225WQM
#8 x 21/4	0.39	2,000	T08C225WQC

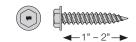
# Metal-Panel Screw

#### 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
- 1/4" hex drive
- Limited models available in Type 305 stainless steel; call Simpson Strong-Tie for availability (800) 999-5099



# x In.	Head Diameter (in.)	Carton Quantity	Model No.
#9 x 1	0.40	100	T09100HWHC
#9 x 1	0.40	1,000	T09100HWHM
#9 x 11/2	0.40	100	T09150HWHC
#9 x 11/2	0.40	1,000	T09150HWHM
#9 x 2	0.40	100	T09200HWHC
#9 x 2	0.40	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
- 1/4" hex drive
- Limited models available in Type 305 stainless steel; call Simpson Strong-Tie for availability (800) 999-5099



# Type 316 Stainless Steel

# x In.	Washer Diameter (in.)	Carton Quantity	Model No.
#9 x 1	5/8	100	T09100HWAC
#9 x 1	5/8	1,000	T09100HWAM
#9 x 1 ½	5/8	100	T09150HWAC
#9 x 1 ½	5/8	1,000	T09150HWAM
#9 x 2	5/8	100	T09200HWAC
#9 x 2	5/8	1,000	T09200HWAM

# 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

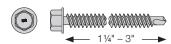
Types 316 and 305 stainless steel provide superior corrosion resistance and are suitable for softer materials such as aluminum and fiberglass (not steel).



# x In.	Hex Head Size (in.)	Threads Per Inch	Carton Quantity	Model No.
#8 x 1	1/4	18	100	T08100HDUC
#8 x 1	1/4	18	1,000	T08100HDUM
#12 x 1	5/16	14	100	T12100HDUC
#12 x 1	5/16	14	1,000	T12100HDUM
#12 x 1½	5/16	14	100	T12150HDUC
#12 x 1½	5/16	14	1,000	T12150HDUM
#12 x 2	5/16	14	100	T12200HDUC
#12 x 2	5/16	14	1,000	T12200HDUM
#12 x 21/2	5/16	14	100	T12250HDUC
#12 x 2½	5/16	14	1,000	T12250HDUM
#12 x 3	5/16	14	100	T12300HDUC
#12 x 3	5/16	14	1,000	T12300HDUM
#12 x 4	5/16	14	100	T12400HDUC
#12 x 4	5/16	14	1,000	T12400HDUM

# Strong-Tie

# Self-Drilling Hex-Washer-Head Screw (cont.)



# Type 305 Stainless Steel

# x In.	Hex Head Size (in.)	Threads Per Inch	Carton Quantity	Model No.
#12 x 11/4	5/16	14	100	S12125HDUC
#12 x 11/4	5/16	14	1,000	S12125HDUM
#12 x 1½	5/16	14	100	S12150HDUC
#12 x 1½	5/16	14	1,000	S12150HDUM
#12 x 2	5/16	14	100	S12200HDUC
#12 x 2	5/16	14	1,000	S12200HDUM
#12 x 2½	5/16	14	100	S12250HDUC
#12 x 2½	5/16	14	1,000	S12250HDUM
#12 x 3	5/16	14	100	S12300HDUC
#12 x 3	5/16	14	1,000	S12300HDUM

# Self-Drilling Hex-Washer-Head Screw with EPDM Sealing Washer

#### **Common Applications**

Aluminum and fiberglass fastening (not steel)

#### **Features**

- Indented hex-washer head
- Washers are Type 316 stainless steel for 316 stainless-steel screws and Type 305 stainless steel for 305 stainless-steel screws
- Tapping screw thread
- #3 drill point

Types 316 and 305 stainless steel provide superior corrosion resistance and are suitable for softer materials such as aluminum and fiberglass (not steel).



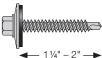


# x In.	Threads Per Inch	Hex Head Size (in.)	Washer Carton Diameter Count		Model No.
#12 x 1	14	5/16	5/8	100	T12100X0C
#12 x 1	14	5/16	5/8	1,000	T12100X0M
#12 x 1½	14	5/16	5/8	100	T12150X0C
#12 x 1½	14	5/16	5/8	1,000	T12150X0M
#12 x 2	14	5/16	5/8	100	T12200X0C
#12 x 2	14	5/16	5/8	1,000	T12200X0M



# Self-Drilling Hex-Washer-Head Screw with EPDM Sealing Washer (cont.)





Type 305 Stainless Steel

# x ln.	Threads Per Inch	Hex Head Size (in.)	Washer Diameter (in.)	Carton Count	Model No.
#12 x 11/4	14	5/16	5/8	100	S12125H0C
#12 x 11/4	14	5/16	5/8	1,000	S12125H0M
#12 x 1½	14	5/16	5/8	100	S12150H0C
#12 x 1½	14	5/16	5/8	1,000	S12150H0M
#12 x 2	14	5/16	5/8	100	S12200H0C
#12 x 2	14	5/16	5/8	1,000	S12200H0M

# 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 BIT2S-2; see p. 103 for more

information)



# x ln.	Threads Per Inch	Head Diameter (in.)	Drill Point Size	Carton Quantity	Model No.
#10 x 1	16	0.37	#3	25	S10T100PDQ25
#10 x 1	16	0.37	#3	1,000	S10T100PDM
#10 x 11/4	16	0.37	#3	25	S10T125P25
#10 x 11/4	16	0.37	#3	1,000	S10T125PDM
#10 x 1½	16	0.37	#3	25	S10T150P25
#10 x 1½	16	0.37	#3	1,000	S10T150PDM
#10 x 2	16	0.37	#3	25	S10T200P25
#10 x 2	16	0.37	#3	1,000	S10T200PDM

# SIMPSON Strong-Tie

# Pancake-Head Screw

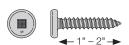
#### **Common Applications**

Securing clips to wood used in standing-seam-roofing

#### **Features**

- Low-profile head
- #2 square drive (replacement bit BIT2S-2; see p. 103 for more information)
- Fully threaded shank
- 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 305 stainless steel.



# Type 410 Stainless Steel\*

# x In.	Head Diameter (in.)	Carton Quantity	Model No.
#10 x 1	0.44	100	F10T100PTC
#10 x 1	0.44	1,000	F10T100PTM
#10 x 1	0.44	4,500	F10T100PTB
#10 x 2	0.44	100	F10T200PTC
#10 x 2	0.44	1,000	F10T200PTM

<sup>\*</sup> 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.

# PC Standing-Seam-Roofing Panel Clip Screw

#### Common Application

Standing-seam-roofing panel clips to wood

#### **Features**

- Pancake head
- #2 square drive
- Type-17 point





**◄** 1"-1½" **→** 

# Quik Guard® Coating

# x In.	Thread Per Inch	Head Diameter (in.)	Carton Quantity	Model No.
#10 x 1	12	0.41	5,000	PCQ1B1012-5K
#10 x 1½	12	0.41	4,000	PCQ112B1012-4K
#12 x 1	11	0.41	4,000	PCQ1B1211-4K





# Clear Zinc Coating

# x In.	Thread Per Inch	Head Diameter (in.)	Carton Quantity	Model No.
#10 x 1	12	0.41	5,000	PC1B1012-5K



# Wire-Lath Modified Truss-Head Screw

#### **Common Application**

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

# x ln.	Head Diameter (in.)	Carton Quantity	Model No.
#8 x ¾	0.42	100	S08C075KQC
#8 x ¾	0.42	1,000	S08C075KQM
#8 x 11⁄4	0.42	100	S08C125KQC
#8 x 11⁄4	0.42	1,000	S08C125KQM

# Truss-Head Screw

#### **Common Application**

Fasten all materials to wood or wood-substitute materials

#### **Features**

- Square drive
- Type-17 point
- · Coarse thread

- Predrilling recommended dependent on substrate
- #2 square drive (replacement bit model BIT2S-2; see p. 103 for more information)





**←** 1"-2½" **→** 

# x ln.	Head Diameter (in.)	Carton Quantity	Model No.
#8 x 1	0.37	100	S08C100TSC
#8 x 1	0.37	1,000	S08C100TSM
#8 x 1	0.37	2,000	S08100TSBC
#8 x 11⁄4	0.37	100	S08C125TSC
#8 x 11⁄4	0.37	1,000	S08C125TSM
#8 x 1½	0.37	100	S08C150TSC
#8 x 1½	0.37	1,000	S08C150TSM
#8 x 1½	0.37	2,000	S08150TSBC
#8 x 2½	0.37	100	S08C250TSC
#8 x 2½	0.37	1,000	S08C250TSM
#8 x 21/2	0.37	2,000	S08250TSBC



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



The new 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 not only provides hidden strength, but is also easy to install.

#### Metal Reinforced

- · Provides greater holding power and increased 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: 6,402,415; 7,578,105

For more information and access to the EB-TY Premium instructional video, visit **strongtie.com/ebtypremium**.



# EB-TY® Premium 👺



Screw Size # x In.	Screw Material (Trim Head)	EB-TY Premium Qty.	Screw Qty.	lpê Plug Qty.	Model No.
	3/32" Board	Spacing — u	se for ¾" to	1½" air-dried	d decking
#7 x 2 1⁄4	Type 305	100	115	6	EB332WDR100
#7 x 2 1/4	Type 305	175	190	12	EB332WDR175
#7 x 2 1/4	Type 305	275	300	20	EB332WDR275
#7 x 2 1/4	Type 316	175	190	12	EB332WD316R175
#7 x 1%	Type 316	175	190	12	EB332WP316R1751
	3/16" Board S	Spacing — us	se for ¾" to 1	1½" kiln-drie	d decking
#7 x 2 1/4	Type 305	100	115	6	EB316WDR100
#7 x 2 1/4	Type 305	175	190	12	EB316WDR175
#7 x 2 1/4	Type 305	275	300	20	EB316WDR275
#7 x 2 1⁄4	Type 316	175	190	12	EB316WD316R175
#7 x 1%	Type 316	175	190	12	EB316WP316R1751
	1/4" Board S	pacing — us	e for ¾" to 1	½" kiln-drie	d decking
#7 x 2 1⁄4	Type 305	100	115	6	EB14WDR100
#7 x 2 1/4	Type 305	175	190	12	EB14WDR175
#7 x 2 1/4	Type 305	275	300	20	EB14WDR275
#7 x 2 1/4	Type 316	175	190	12	EB14WD316R175
#7 x 1%	Type 316	175	190	12	EB14WP316R175 <sup>1</sup>

- 1. EB332WP, EB14WP, EB316WP series with 1%" screws are designed for roof decks installed on 1" sleepers.
- 2. Model numbers corresponding to kits with 100 and 175 count EB-TY Premium include one drill bit, T-15 driver bit and EB-GUIDE tool. Quantities of 275 count come with two drill bits, driver bits and EB-GUIDE tools.
- 3. Kiln-dried decking has a moisture content of generally 19% or less. Air-dried decking is generally greater than 19% moisture content.

# Replacement Parts

Description	Quantity	Model No.
#7 x 21/4" Trim-Head Screw, Type 316	20	T07225FT20BK
#7 x 1%" Trim-Head Screw, Type 316	20	T07162FT20BK
Replacement T15 6-Lobe Driver Bit	3	BIT15T-2-RC3
1/8" Quick-Release Wood Drill Bit	3	WDB18QR3-R3
lpê Wood Plug %"	100	WDPLUG-100
EB-GUIDE Predrill Tool	1	EB-GUIDE



**EB332W Series** 



**EB316W Series** 



**EB14W Series** 

# SIMPSON Strong-Tie

# lpê Wood Plugs

#### Features

- Made of high-quality lpê 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	2,000	WDPLUG2M







Connector Nails	
Strong-Drive® 33° SCN SMOOTH-SHANK CONNECTOR Nail	142
Strong-Drive 33° SCNR RING-SHANK CONNECTOR Nail	1/1
	140
Siding/Fencing/Trim 15° Inserted Plastic Coil,	
Full Round Head, Ring-Shank Nail	
15° Inserted Plastic Coil, White Full Round Head, Ring-Shank Nail	14
15° Wire Coil, Full Round Head, Ring-Shank Siding Nail	
15° Wire Coil, Painted Full Bound Head.	
Ring-Shank Nail	148
Roofing	
15° Wire Coil, Full Round Head, Ring-Shank Roofing Nail	149
15° Wire Coil, Full Round Head, Smooth-Shank Roofing Nail	150
Framing	
15° Wire Coil. Full Round Head. Ring-Shank	
Decking/Framing Nail	
15° Wire Coil, Painted Full Round Head, Ring-Shank Decking/Framing Nail	150
20°–22° Plastic Strip, Casing Head, Ring-Shank Nail	154
20°-22° Plastic Strip, Full Round Head.	
Ring-Shank Nail	15
Ring-Shank Nail	15
28° Wire-Weld, Clipped Head, Ring-Shank Nail	158
31°-34° Paper Tape, Clipped Head, Ring-Shank Nail	159
Trim Nails	
20° Angle, Adhesive Collation, T-Style Head, 16-Gauge Finishing Nail	160
25° Angle, Adhesive Collation, FN-Style,	100
15-Gauge Finishing Nail	
Straight, Adhesive Collation, T-Style Head, 16-Gauge Finishing Nail	162
Straight, Adhesive Collation, T-Style Head, 18-Gauge Brads	160
Tape Collation, DA-Style Angle, 15-Gauge Finishing Nail	164
Collated Staples	
½" Crown, 15½-Gauge Staples	
1" Crown, 16-Gauge Staples	
1/2" Crown, 16-Gauge Staples	
1/4" Crown, 18-Gauge Staples	
- 710 Ord Will, To Gaaage Otapies	-10



#### **Connector Nails**



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

#### **Features**

- 33° collation angle
- Full round head
- Smooth head

See p. 125 for bulk Strong-Drive SCN Smooth-Shank Connector Nails.

#### Compatible Pneumatic Tools

If you don't see your particular model in the table below, see strongtie.com/toolmatrix or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

Bostitch®	MCN150 (up to 1½"), MCN250, F33PT
Grip-Rite®	GR150 (up to 11/2"), GRSB150-11/2 (up to 11/2"), GR250, GRSB250-21/2
Hitachi®	NR65AK
Paslode®	PF150S-PP (up to 11/2"), F250S-PP
Senco®	HN150 (up to 1½"), HN250



Orange Painted Tip for Better Visibility











SCN Smooth-Shank Head Stamps

# Hot-Dip Galvanized — ASTM A153, Class D

Size* (in.)	Head Diameter (in.)	Carton Quantity	Model No.	Replacement for
1½ x 0.131	0.285	500	N8HDGPT500	8d x 11/2"
1 72 X U. 131		4,000	N8HDGPT4000	OU X 1 72
01/ v 0 101	0.285	500	8DHDGPT500	8d common
2½ x 0.131		2,500	8DHDGPT2500	ou common
1½ x 0.148	0.285	500	N10HDGPT500	10d x 11/2"
1 ½ X U.148		3,000	N10HDGPT3000	100 X 1 ½
01/ 0 140	0.005	500	N10DHDGPT500	10401/11
2½ x 0.148	0.285	2,500	N10DHDGPT2500	10d x 21/2"
2½ x 0.162	0.285	500	N16HDGPT500	16d v 01/#
		2,000	N16HDGPT2000	16d x 21/2"

Hot-dip galvanized per ASTM A153

<sup>\*</sup> Size (in.) is length x shank diameter.

#### **Connector Nails**



#### **Bright**

Size* (in.)	Head Diameter (in.)	Carton Quantity	Model No.	Replacement for
1½ x 0.131	0.285	4,000	N8BRPT4000	8d x 11/2"
2½ x 0.131		2,500	8DBRPT2500	8d common
1½ x 0.148	0.285	3,000	N10BRPT3000	10d x 1½"
2½ x 0.148		2,500	N10DBRPT2500	10d x 2½"

#### Electro-Galvanized

Size* (in.)	Head Diameter (in.)	Carton Quantity	Model No.	Replacement for
1½ x 0.148	0.005	3,000	N10EGPT3000	10d x 11/2"
2½ x 0.148	0.285	2,500	N10DEGPT2500	10d x 21/2"

<sup>\*</sup> Size (in.) is length x shank diameter.

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

**CONNECTOR** Nail

#### **Features**

- 33° collation angle
- · Full round head

See p. 124 for bulk Strong-Drive SCNR Ring-Shank Connector Nails.

#### Compatible Pneumatic Tools

If you don't see your particular model in the table below, see strongtie.com/toolmatrix or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

Bostitch®	MCN150 (up to 1½"), MCN250, F33PT
Grip-Rite®	GR150 (up to 1½"), GRSB150-1½ (up to 1½"), GR250, GRSB250-2½
Hitachi®	NR65AK



**Head Stamp** 

for Easy

Size* (in.)	Head Diameter (in.)	Carton Quantity	Model No.
1½ x 0.148	9/32	1,500	T9A150MCN
2½ x 0.148	9/32	1,000	T9A250MCN
1½ x 0.131	9/32	1,500	T10A150MCN
2½ x 0.131	9/32	1,000	T10A250MCN

<sup>\*</sup> Size (in.) is length x shank diameter.

# Siding/Fencing/Trim Nails

SIMPSON Strong-Tie

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

#### Compatible Pneumatic Tools

If you don't see your particular model in the table below, see strongtie.com/toolmatrix or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

Bostitch®	N64C, N66C, N75C	4
Grip-Rite®	GRTCS250	459
Hitachi®	NV65AH, NV75AG	
Max®	CN550S (up to 2"), CN565S	S, CN565
Senco®	SCN49	

# Type 316 Stainless Steel

Length in. (Penny)	Shank Diameter (in.)	Head Diameter (in.)	Carton Quantity	Model No.
1 ½ (4d)	0.092	0.221	3,200	T13A150IPC
1 ½ (4d)	0.092	0.221	600	T13A150IPBP
13/4 (5d)	0.092	0.221	3,200	T13A175IPC
13/4 (5d)	0.092	0.221	600	T13A175IPBP
2 (6d)	0.092	0.221	3,200	T13A200IPC
2 (6d)	0.092	0.221	600	T13A200IPBP
21/4 (7d)	0.092	0.221	2,400	T13A225IPC
21/4 (7d)	0.092	0.221	600	T13A225IPBP
2½ (8d)	0.092	0.221	2,400	T13A250IPC
2½ (8d)	0.092	0.221	600	T13A250IPBP

# Type 304 Stainless Steel

Type do i diaminos diosi					
Length in. (Penny)	Shank Diameter (in.)	Head Diameter (in.)	Carton Quantity	Model No.	
1 1/2 (4d)	0.092	0.221	3,200	S13A150IPC	
13/4 (5d)	0.092	0.221	3,200	S13A175IPC	
2 (6d)	0.092	0.221	3,200	S13A200IPC	
21/4 (7d)	0.092	0.221	2,400	S13A225IPC	
21/4 (7d)	0.092	0.221	600	S13A225IPBP	
21/2 (8d)	0.092	0.221	2,400	S13A250IPC	
21/2 (8d)	0.092	0.221	600	S13A250IPBP	

Parenthetical penny weight describes normal length.

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.

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

#### **Features**

 Checker pattern on head blends with wood grain, reduces glare from sunlight and accepts surface finishes

#### Compatible Pneumatic Tools

If you don't see your particular model in the table below, see **strongtie.com/toolmatrix** or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

Senco®	SCN49
Max®	CN550S (up to 2"), CN565S, CN565
Hitachi®	NV65AH, NV75AG
Grip-Rite®	GRTCS250
Bostitch®	N64C, N66C, N75C



## Type 304 Stainless Steel

Length in. (Penny)	Shank Diameter (in.)	Head Diameter (in.)	Carton Quantity	Model No.	
2½ (8d)	0.092	0.203	600	S13A250IPWBP	

# White

## Type 316 Stainless Steel

Length in. (Penny)	Shank Diameter (in.)	Head Diameter (in.)	Packaging Quantity	Model No.
21/2 (8d)	0.092	0.203	2,400	T8VTN2.4UP

Parenthetical penny weight describes normal length.



## 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 under-head fillet allows nails to be driven flush or countersunk, without crushing surrounding wood
- Slender gauge and diamond point for easier driving

#### Compatible Pneumatic Tools

If you don't see your particular model in the table below, see strongtie.com/toolmatrix or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

Bostitch®	N64C, N66C, N75C	The state of the s
Duo-Fast®	P275C	
Grip-Rite®	GRTCS250	
Hitachi®	NV65AH, NV75AG	
Max®	CN55, CN665, CN565, CN5658	S, CN550S (up to 2")
Senco®	Pallet Pro57F (up to 21/4")	

## Type 316 Stainless Steel

Length in. (Penny)	Shank Diameter (in.)	Head Diameter (in.)	Carton Quantity	Model No.
1 1/4 (3d)	0.092	0.221	1,800	T13A125SNJ
1 ½ (4d)	0.092	0.221	1,800	T13A150SNJ
13/4 (5d)	0.092	0.221	1,800	T13A175SNJ
2 (6d)	0.092	0.221	1,800	T13A200SNJ
21/4 (7d)	0.092	0.221	1,800	T13A225SNJ
2½ (8d)	0.092	0.221	1,800	T13A250SNJ



# 15° Wire Coil, Full Round Head, Ring-Shank Siding Nail (cont.)

## Type 304 Stainless Steel

Length in. (Penny)	Shank Diameter (in.)	Head Diameter (in.)	Carton Quantity	Model No.
1 1/4 (3d)	0.092	0.221	3,600	S13A125SNC
1 1/4 (3d)	0.092	0.221	1,500	S13A125SNBP
1 ½ (4d)	0.092	0.221	3,600	S13A150SNC
1 ½ (4d)	0.092	0.221	1,500	S13A150SNBP
1¾ (5d)	0.092	0.221	3,600	S13A175SNC
1¾ (5d)	0.092	0.221	1,200	S13A175SNBP
2 (6d)	0.092	0.221	3,600	S13A200SNC
2 (6d)	0.092	0.221	1,200	S13A200SNBP
21/4 (7d)	0.092	0.221	3,600	S13A225SNC
21/4 (7d)	0.092	0.221	900	S13A225SNBP
2½ (8d)	0.092	0.221	3,600	S13A250SNC
21/2 (8d)	0.092	0.221	900	S13A250SNBP

## SIMPSON Strong-Tie

## 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

Slender gauge and diamond point for easier driving

#### Compatible Pneumatic Tools

If you don't see your particular model in the table below, see strongtie.com/toolmatrix or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

assistance with	The state of	
Bostitch®	N64C, N66C, N75C	
Duo-Fast®	P275C	7 4 4
Grip-Rite®	GRTCS250	
Hitachi®	NV65AH, NV75AG	
Max®	CN55, CN665, CN565, CN5	65S, CN550S (up to 2")
Senco®	SCN60XP, SCN49, SCN 65X	(P, Pallet Pro57F (up to 21/4")

## Type 304 Stainless Steel

Type oo4 otali liess oteel						
Length in. (Penny)	Shank Diameter (in.)	Head Diameter (in.)	Color	Carton Quantity	Model No.	
2 (6d)	0.092	0.221	_	1,200	S13A200WWCBP	
2 (6d)	0.092	0.221	Dark Brown	3,600	S13A200CCB	
2 (6d)	0.092	0.221	Gray	3,600	S13A200CCG	
2 (6d)	0.092	0.221	Redwood	3,600	S13A200CCR	
2 (6d)	0.092	0.221	Tan	3,600	S13A200CCT	
2 (6d)	0.092	0.221	White	3,600	S13A200CWH	
21/4 (7d)	0.092	0.221	Dark Brown	3,600	S13A225CCB	
21/4 (7d)	0.092	0.221	White	3,600	S13A225CWH	
21/4 (7d)	0.092	0.221	Gray	3,600	S13A225CCG	
21/4 (7d)	0.092	0.221	Redwood	3,600	S13A225CCR	
21/4 (7d)	0.092	0.221	Tan	3,600	S13A225CCT	
21/4 (7d)	0.092	0.221	Sienna	3,600	S13A225CCS	
21/2 (8d)	0.092	0.221	_	900	S13A250WWCBP	
21/2 (8d)	0.092	0.221	Dark Brown	900	S13A250CCBBP	
21/2 (8d)	0.092	0.221	Dark Brown	3,600	S13A250CCB	
21/2 (8d)	0.092	0.221	Gray	3,600	S13A250CCG	
21/2 (8d)	0.092	0.221	Redwood	3,600	S13A250CCR	
21/2 (8d)	0.092	0.221	Tan	900	S13A250CCTBP	
2½ (8d)	0.092	0.221	Tan	3,600	S13A250CCT	
2½ (8d)	0.092	0.221	White	3,600	S13A250CWH	
2½ (8d)	0.092	0.221	Sienna	900	S13A250CCSBP	
21/2 (8d)	0.092	0.221	Sienna	3,600	S13A250CCS	



















Parenthetical penny weight describes normal length.

### **Roofing Nails**

## Strong-Tie

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
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance

#### Compatible Pneumatic Tools

If you don't see your particular model in the table below, see **strongtie.com/toolmatrix** or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

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

.)						
Length in. (Penny)	Shank Diameter (in.)	Head Diameter (in.)	Carton Quantity	Model No.		
1 (2d)	0.120	3/8	3,600	T11A100RNJ		
11/4 (3d)	0.120	3/8	3,600	T11A125RNJ		
1 ½ (4d)	0.120	3/8	3,600	T11A150RNJ		
1¾ (5d)	0.120	3/8	3,600	T11A175RNJ		

## Type 304 Stainless Steel

Length in. (Penny)	Shank Diameter (in.)	Head Diameter (in.)	Carton Quantity	Model No.
1 (2d)	0.120	3/8	7,200	S11A100RNB
1 1/4 (3d)	0.120	3/8	7,200	S11A125RNB
1 1/4 (3d)	0.120	3/8	720	S11A125RNBP
1 1/4 (3d)	0.120	3/8	2,400	S11A125RNJ
1 1/2 (4d)	0.120	3/8	7,200	S11A150RNB
1 ½ (4d)	0.120	3/8	600	S11A150RNBP
1 ½ (4d)	0.120	3/8	2,400	S11A150RNJ
13/4 (5d)	0.120	3/8	7,200	S11A175RNB
13/4 (5d)	0.120	3/8	480	S11A175RNBP
13/4 (5d)	0.120	3/8	2,400	S11A175RNJ

Parenthetical penny weight describes normal length.

### **Roofing Nails**

SIMPSON Strong-Tie

## 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
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance

#### Compatible Pneumatic Tools

If you don't see your particular model in the table below, see **strongtie.com/toolmatrix** or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

Bosch®	RN175
Bostitch®	RN46
DeWalt®	D51321
Grip-Rite®	GRTCR175
Hitachi <sup>®</sup>	NV45AB2, NV45AE
Makita®	AN453
Max®	CN445R, CN450R



Paslode®	R175-C, CR175C
Porter Cable®	RN175A
Ridgid®	R175RND
Senco®	RoofPro 455XP

## Type 316 Stainless Steel

Length in. (Penny)	Shank Diameter (in.)	Head Diameter (in.)	Carton Quantity	Model No.
4d 11/2	0.120	3/8	3,600	T11N150RNJ
5d 1¾	0.120	3/8	3,600	T11N175RNJ

## Type 304 Stainless Steel

.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Otali lioco Ota			
Length in. (Penny)	Shank Diameter (in.)	Head Diameter (in.)	Carton Quantity	Model No.
3/4 ()	0.120	3/8	7,200	S11N075RNB
7/8 ()	0.120	3/8	7,200	S11N087RNB
1 (2d)	0.120	3/8	7,200	S11N100RNB
1 (2d)	0.120	3/8	2,400	S11N100RNJ
11/4 (3d)	0.120	3/8	7,200	S11N125RNB
11/4 (3d)	0.120	3/8	2,400	S11N125RNJ
1 1/2 (4d)	0.120	3/8	7,200	S11N150RNB
1 ½ (4d)	0.120	3/8	2,400	S11N150RNJ
1¾ (5d)	0.120	3/8	7,200	S11N175RNB
1¾ (5d)	0.120	3/8	2,400	S11N175RNJ

Parenthetical penny weight describes normal length.

# 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

#### Compatible Pneumatic Tools

If you don't see your particular model in the table below, see **strongtle.com/toolmatrix** or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.



Bostitch®	N80CB (up to 31/4"), N75C (up to 3"), N89C
DeWalt®	D51855
Duo-Fast®	P350C/CNW90, P275C (up to 2¾")
Grip-Rite®	GRTCN90-31/2, GRTCS250 (up to 0.099", 21/2")
Hitachi®	NV65AH (up to 0.099", 21/2"), 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 3½")
Senco®	SCN60XP (up to 2¾", 0.113"), SCN49 (up to 2½", 0.113"), SCN 65XP (up to 0.113"), PalletPro100, PalletPro130 (over 3"), PalletPro70 (up to 2¾", 0.113"), PalletPro83 (up to 3¼")

## Type 316 Stainless Steel

Length in. (Penny)	Shank Diameter (in.)	Head Diameter (in.)	Carton Quantity	Carton Weight (lb.)	Model No.
2 (6d)	0.113	1/4	3,600	21	T12A200PNB
21/4 (7d)	0.099	1/4	1,800	10	T12A225PNJ
21/2 (8d)	0.099	1/4	1,800	10	T12A250PNJ
2½ (8d)	0.099	1/4	3,600	31	T12A250PNB
3 (10d)	0.120	17/64	1,800	19	T11A300PNJ
3 (10d)	0.131	9/32	1,800	24	T10A300PNJ
31/4 (12d)	0.120	17/64	1,800	20	T11A325PNJ
3½ (16d)	0.131	9/32	1,800	28	T10A350PNJ

Parenthetical penny weight describes normal length.

Framing Nails - Wire Coil



# 15° Wire Coil, Full Round Head, Ring-Shank Decking/Framing Nail (cont.)

## Type 304 Stainless Steel

Length in. (Penny)	Shank Diameter (in.)	Head Diameter (in.)	Carton Quantity	Carton Weight (lb.)	Model No.
1 ½ (4d)	0.099	1/4	3,600	14	S12A150PNB
5d 1¾	0.099	1/4	3,600	15	S12A175PNB
2 (6d)	0.099	1/4	3,600	17	S12A200PNB
2½ (8d)	0.099	1/4	3,600	21	S12A250PNB
2% (8d)	0.113	1/4	3,600	26	S12A237PNB
3 (10d)	0.120	17/64	1,800	19	S11A300PNJ
3 (10d)	0.131	9/32	1,800	24	S10A300PNJ
31/4 (12d)	0.120	17/64	1,800	20	S11A325PNJ
31/4 (12d)	0.131	9/32	1,800	26	S10A325PNJ

## 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

#### Compatible Pneumatic Tools

If you don't see your particular model in the table below, see strongtie.com/toolmatrix or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.



Bostitch <sup>®</sup>	N80CB (up to 31/4"), N75C (up to 3"), N89C				
DeWalt®	D51855	ALL ALL ALL			
Duo-Fast®	P350C/CNW90, P275C (up to 23/4")				
Grip-Rite®	GRTCN90-31/2, GRTCS250 (up to 0.099", 21/2	')			
Hitachi®	NV65AH (up to 0.099", 21/2"), NV75AG (up to 3"), NV83A2				
Makita®	AN901				
Max®	CN565S (up to 21/2", 0.099"), CN565D (up to 2 (up to 21/2"), CN890S, CN565 (up to 21/2", 0.09 (up to 21/2"), CN80 (up to 31/4")	, ,,			
Senco®	SCN60XP (up to 2¾", 0.113"), SCN49 (up to 2 SCN 65XP (up to 0.113"), PalletPro100, Pallet				

## Type 304 Stainless Steel

Length in. (Penny)	Shank Diameter (in.)	Head Diameter (in.)	Color	Carton Quantity	Model No.
3 (10d)	0.120	17/64	Dark Brown	1,800	S11A300PJB
3 (10d)	0.120	17/64	Gray	1,800	S11A300PJG
3 (10d)	0.120	17/64	Redwood	1,800	S11A300PJR
3 (10d)	0.120	17/64	Tan	1,800	S11A300PJT
3 (10d)	0.120	17/64	Sienna	1,800	S11A300PJS
31/4 (12d)	0.120	17/64	Dark Brown	1,800	S11A325PJB
31/4 (12d)	0.120	17/64	Redwood	1,800	S11A325PJR
31/4 (12d)	0.120	17/64	Tan	1,800	S11A325PJT

PalletPro70 (up to 23/4", 0.113"), PalletPro83 (up to 31/4")

Parenthetical penny weight describes normal length.











SIMPSON Strong-Tie

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

#### Compatible Pneumatic Tools

If you don't see your particular model in the table below, see **strongtie.com/toolmatrix** or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

` ,	
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", 31/4"), GRTRH350 (up to 0.148")
Hitachi®	NR83AS (up to 0.131", 31/4"), NR90AC3, NR90AEPR (up to 0.148"), NR90GR (up to 0.131"), NR90GR2 (up to 0.131")
Makita®	AN923
Max®	SN883RH (up to 0.148", 31/4"), SN883RH2 (up to 0.148", 31/4") SN890RH (up to 0.148")
Porter Cable®	FR350MAG, FR350A (up to 0.148")
Ridgid®	R350RHA
Senco®	SN902XP (up to 0.148", 31/4"), 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

Length in. (Penny)	Shank Diameter (in.)	Head Diameter (in.)	Color	Carton Quantity	Model No.
2% (8d)	0.120	1/4	None	1,000	S11A237KDJ
2% (8d)	0.120	1/4	Dark Brown	1,000	S11A237KJB
2% (8d)	0.120	1/4	Gray	1,000	S11A237KJG
2% (8d)	0.120	1/4	Redwood	1,000	S11A237KJR
2% (8d)	0.120	1/4	Sienna	1,000	S11A237KJS
2% (8d)	0.120	1/4	Tan	1,000	S11A237KJT
31/4 (12d)	0.131	1/4	None	1,000	S10A325KDJ
31/4 (12d)	0.131	1/4	Dark Brown	1,000	S10A325KJB
31/4 (12d)	0.131	1/4	Gray	1,000	S10A325KJG
31/4 (12d)	0.131	1/4	Redwood	1,000	S10A325KJR
31/4 (12d)	0.131	1/4	Sienna	1,000	S10A325KJS
31/4 (12d)	0.131	1/4	Tan	1,000	S10A325KJT

Parenthetical penny weight describes normal length.



Gray

Strong-Tie

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
- · 2%" or longer have painted tips

#### Compatible Pneumatic Tools

If you don't see your particular model in the table below, see strongtie.com/toolmatrix or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

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", 31/4"), GRTRH350 (up to 0.148")
Hitachi®	NR83AS (up to 0.131", 31/4"), NR90AC3, NR90AEPR (up to 0.148"),NR90GR (up to 0.131"), NR90GR2 (up to 0.131")
Makita <sup>®</sup>	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", 31/4"), 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 316 Stainless Steel

Length in. (Penny)	Shank Diameter (in.)	Head Diameter (in.)	Carton Quantity	Model No.
2 (6d)	0.113	9/32	5,000	T12A200CNB
2 (6d)	0.113	9/32	1,000	T12A200CNJ
2% (8d)	0.113	9/32	5,000	T12A237CNB
2% (8d)	0.113	9/32	1,000	T12A237CNJ
2½ (8d)	0.120	9/32	4,000	T11A250CNB
2½ (8d)	0.120	9/32	1,000	T11A250CNJ
3 (10d)	0.120	9/32	4,000	T11A300CNB
3 (10d)	0.120	9/32	1,000	T11A300CNJ
3 (10d)	0.131	9/32	4,000	T10A300CNB
3 (10d)	0.131	9/32	1,000	T10A300CNJ
31/4 (12d)	0.120	9/32	4,000	T11A325CNB
31/4 (12d)	0.120	9/32	1,000	T11A325CNJ
31/4 (12d)	0.131	9/32	4,000	T10A325CNB
31/4 (12d)	0.131	9/32	1,000	T10A325CNJ
31/2 (16d)	0.131	9/32	4,000	T10A350CNB
31/2 (16d)	0.131	9/32	1,000	T10A350CNJ

Parenthetical penny weight describes normal length.

SIMPSON Strong-Tie

# 20°-22° Plastic Strip, Full Round Head, Ring-Shank Nail (cont.)

## Type 304 Stainless Steel

Length in. (Penny)	Length (in.)	Shank Diameter (in.)	Head Diameter (in.)	Carton Quantity	Model No.
2 (6d)	2	0.113	9/32	5,000	S12A200CNB
2 (6d)	2	0.113	9/32	1,000	S12A200CNJ
2 (6d)	2	0.120	9/32	5,000	S11A200CNB
2 (6d)	2	0.120	9/32	1,000	S11A200CNJ
2% (8d)	2%	0.113	9/32	5,000	S12A237CNB
2% (8d)	2%	0.113	9/32	1,000	S12A237CNJ
21/2 (8d)	21/2	0.120	9/32	4,000	S11A250CNB
21/2 (8d)	21/2	0.120	9/32	1,000	S11A250CNJ
21/2 (8d)	21/2	0.131	9/32	4,000	S10A250CNB
3 (10d)	3	0.120	9/32	4,000	S11A300CNB
3 (10d)	3	0.120	9/32	1,000	S11A300CNJ
3 (10d)	3	0.131	9/32	4,000	S10A300CNB
3 (10d)	3	0.131	9/32	1,000	S10A300CNJ
31/4 (12d)	31/4	0.120	9/32	4,000	S11A325CNB
31/4 (12d)	31/4	0.120	9/32	1,000	S11A325CNJ
31/4 (12d)	31/4	0.131	9/32	4,000	S10A325CNB
31/4 (12d)	31/4	0.131	9/32	1,000	S10A325CNJ
3½ (16d)	3½	0.131	9/32	4,000	S10A350CNB
3½ (16d)	31/2	0.131	9/32	1,000	S10A350CNJ



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

#### Compatible Pneumatic Tools

If you don't see your particular model in the table below, see strongtie.com/toolmatrix or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

Bosch®	SN350-34C	
Bostitch®	F33PT	1600
DeWalt®	D51825, D51822	/_
Grip-Rite®	GRTFC83 (up to 31/4"), GRTCH350	
Hitachi®	NR83AA3 (up to 31/4"), NR90ADPR, NR90GC2	
Makita <sup>®</sup>	AN943	
Max®	SN883CH/34 (up to 31/4"), SN890CH/34	
Paslode®	PF350S, CF325 (up to 31/4"), F350S, 900420 (up to 31/4")	
Porter Cable®	FC350A	
Ridgid®	R350CHA	
Senco®	SN901XP (up to 31/4"), SN951XP, GT90CH, FramePro601, FramePro701XP	

## Type 304 Stainless Steel

.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
Length in. (Penny)	Shank Diameter (in.)	Head Diameter (in.)	Carton Quantity	Model No.	
2% (8d)	0.113	9/32	4,000	S12A237B31	
2% (8d)	0.113	9/32	1,000	S12A237P31	
3 (10d)	0.120	9/32	1.000	S11A300P31	

Parenthetical penny weight describes normal length.

## Framing Nails - Wire Weld



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

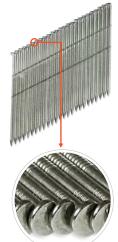
#### **Features**

· Smooth D-shaped head

#### Compatible Pneumatic Tools

If you don't see your particular model in the table below, see strongtie.com/toolmatrix or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

Bostitch®	F28WW, GF28WW, N100S	
Grip-Rite®	GRTFW83	
Hitachi®	NR90AF	
Max®	SN883CH/28, SN890CH/28	



## Type 304 Stainless Steel

Length in. (Penny)	Shank Diameter (in.)	Carton Quantity	Model No.
2% (8d)	0.113	1,000	S12A237W28
3 (10d)	0.120	1,000	S11A300W28
31/4 (12d)	0.131	1,000	S10A325W28

Strong-Tie

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

#### **Features**

- Smooth D-shaped head
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance

#### Compatible Pneumatic Tools

If you don't see your particular model in the table below, see strongtie.com/toolmatrix or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

Bosch®	SN350-34C	N N N N N
Bostitch®	F33PT	
DeWalt®	D51825, D51822	
Grip-Rite®	GRTFC83 (up to 31/4"), GRTCH350	
Hitachi®	NR83AA3 (up to 31/4"), NR90ADPR, NR90GC2	
Makita®	AN943	
Max®	SN883CH/34 (up to 31/4"), SN890CH/34	
Paslode®	PF350S, CF325 (up to 31/4"), F350S, 900420 (up	to 31/4")
Porter Cable®	FC350A	
Ridgid®	R350CHA	
Senco®	SN901XP (up to 31/4"), SN951XP, GT90CH, Fram FramePro701XP	nePro601,

## Type 316 Stainless Steel

	Length in. (Penny)	Shank Diameter (in.)	Carton Quantity	Model No.
	2% (8d)	0.113	1,000	T12A237T31
	3 (10d)	0.120	1,000	T11A300T31
Ī	31/4 (12d)	0.131	1,000	T10A325T31

## Type 304 Stainless Steel

.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Length in. (Penny)	Shank Diameter (in.)	Carton Quantity	Model No.
2 (6d)	0.113	1,000	S12A200T31
2% (8d)	0.113	1,000	S12A237T31
3 (10d)	0.120	1,000	S11A300T31
31/4 (12d)	0.131	1,000	S10A325T31
3½ (16d)	0.131	1,000	S10A350T31

Parenthetical penny weight describes normal length.



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 Pneumatic Tools

If you don't see your particular model in the table below, see strongtie.com/toolmatrix or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

DeWalt®	DC618K
Duo-Fast®	FloorMaster 2505N
Hitachi®	NT65GB
Paslode®	900600, T250A-F16
Senco®	GT65RHA

## Type 316 Stainless Steel

Length in. (Penny)	500-Count Model No.	2,000-Count Model No.
1 ½ (4d)	T16N150PFB	T16N150PFN
2 (6d)	T16N200PFB	T16N200PFN
2½ (8d)	T16N250PFB	T16N250PFN

## Type 304 Stainless Steel

Length in. (Penny)	500-Count Model No.	2,000-Count Model No.
1 ½ (4d)	S16N150PFB	S16N150PFN
2 (6d)	S16N200PFB	S16N200PFN
2½ (8d)	S16N250PFB	S16N250PFN

25° Angle, Adhesive Collation, FN-Style, 15-Gauge Finishing Nail

- · T-style head minimizes nail head size for easier concealment
- Choose Type 316 stainless steel for seaside applications and superior corrosion resistance

#### Compatible Pneumatic Tools

If you don't see your particular model in the table below, see strongtie.com/toolmatrix or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

Bostitch® N62FNK-2, GFN1546K

Makita® AF632, AF631



Length in. (Penny)	500-Count Model No.	3,500-Count Model No.
1 ½ (4d)	T15N150FNB	T15N150FNJ
2 (6d)	T15N200FNB	T15N200FNJ
2½ (8d)	T15N250FNB	T15N250FNJ

## Type 304 Stainless Steel

Length in. (Penny)	500-Count Model No.	3,500-Count Model No.
1 ½ (4d)	S15N150FNB	S15N150FNJ
2 (6d)	S15N200FNB	S15N200FNJ
2½ (8d)	S15N250FNB	S15N250FNJ





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

Choose Type 316 stainless steel for seaside applications and superior corrosion resistance

#### Compatible Pneumatic Tools

If you don't see your particular model in the table below, see **strongtie.com/toolmatrix** or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.



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.
11⁄4	T16N125FNB	T16N125FNJ
1½	T16N150FNB	T16N150FNJ
2	T16N200FNB	T16N200FNJ
21/2	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

## SIMPSON Strong-Tie

## Straight, Adhesive Collation, T-Style Head, 18-Gauge Brads

Choose Type 316 stainless steel for seaside applications and superior corrosion resistance

#### Compatible Pneumatic Tools

If you don't see your particular model in the table below, see strongtie.com/toolmatrix or call Simpson Strong-Tie

for assistance with fastener selection (800) 999-5099.



Bosch®	BNS200-18	Makita <sup>®</sup>	AF505	
Bostitch®	BT1855K, SB-1850BN, SB- 2IN1 (up to 11/2"), GBT1850K	Max <sup>®</sup>	NF235F/18 (up to 11/4"), NF201/18-35 (up to 11/4"), NF255- ST/18	
DeWalt®	DC51236K (up to 11/4"), D51238K			
Duo-Fast®	SureShot 2232 (up to 1"),	Paslode®	T200-F18, 901000	
	SureShot 4450 (up to 11/2"), SureShot 4450 ST (up to 11/2")		BN138 (up to 11/4"), BN200B	
Grip-Rite® GRTBN125 (up to 11/4"),		Ridgid®	R213BNA	
	GRTBN200 Senco®		SLP20XP	
Hitachi®	NT32AE2 (up to 11/4"), NT50AE2, NT50GS		(up to 1½"), FinishPro25XP	

## Type 316 Stainless Steel

Length (in.)	500-Count Model No.	Carton Quantity	Model No.
3/8	_	10,000	T18N037FNJ
1/2	_	5,000	T18N050FNJ
5/8	_	5,000	T18N062FNJ
3/4	T18N075FNB	5,000	T18N075FNJ
1	T18N100FNB	5,000	T18N100FNJ
1 1/4	T18N125FNB	5,000	T18N125FNJ
1 ½	T18N150FNB	5,000	T18N150FNJ
13/4	_	5,000	T18N175FNJ
2	T18N200FNB	5,000	T18N200FNJ

## Type 304 Stainless Steel

Length (in.)	500-Count Model No.	Carton Quantity	Model No.
3/4	S18N075FNB	5,000	S18N075FNJ
1	S18N100FNB	5,000	S18N100FNJ
1 1/4	S18N125FNB	5,000	S18N125FNJ
1 ½	S18N150FNB	5,000	S18N150FNJ
13/4	_	5,000	S18N175FNJ
2	S18N200FNB	5,000	S18N200FNJ

SIMPSON Strong-Tie

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 Pneumatic Tools

If you don't see your particular model in the table below, see **strongtie.com/toolmatrix** or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

Bosch®	FNA250-15
DeWalt®	DC628K, D51276K
Grip-Rite®	GRTAN250
Hitachi®	NT65GA, NT65MA4
Makita®	AF633
Max®	NF550/15-65
Porter Cable®	DA250C
Ridgid <sup>®</sup>	R250AFA, R250AF18
Senco®	Fusion F15, GT65DA, FinishPro42XP

## Type 316 Stainless Steel

Length in. (Penny)	500-Count Model No.	4,000-Count Model No.
1 1/4 (3d)	_	T15N125SFN
1 ½ (4d)	T15N150SFB	T15N150SFN
2 (6d)	T15N200SFB	T15N200SFN
2½ (8d)	T15N250SFB	T15N250SFN

## Type 304 Stainless Steel

Length in. (Penny)	500-Count Model No.	4,000-Count Model No.
1 ½ (4d)	S15N150SFB	S15N150SFN
2 (6d)	S15N200SFB	S15N200SFN
2½ (8d)	S15N250SFB	S15N250SFN

Parenthetical penny weight describes normal length.

SIMPSON Strong-Tie

½" Crown, 15½-Gauge Staples

(Similar to Bostitch® "BCS" Series)

### Ideal for tongue-and-groove decking

### **Compatible Pneumatic Tools**

If you don't see your particular model in the table below, see strongtie.com/toolmatrix or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.



## Type 304 Stainless Steel

Gauge	Length (in.)	Carton Quantity	Model No.
151/2	2	5,000	S15N200BFS



# 1" Crown, 16-Gauge Staples (Similar to Senco® "P" Series)

#### Compatible Pneumatic Tools

If you don't see your particular model in the table below, see strongtie.com/toolmatrix or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

Grip-Rite®	GRT1200-2
Hitachi®	N5024A2
Makita®	AT2550A
Senco®	MWXD, WC150XP, WC200XP



## Type 316 Stainless Steel

Ga. x In.	Carton Quantity	Model No.
16 x 1	5,000	T16N100P53

Ga. x In.	Carton Quantity	Model No.
16 x ¾	5,000	S16N075P51
16 x 11⁄4	5,000	S16N125P55



# ½" Crown, 16-Gauge Staples (Similar to Paslode® "GS" Series)

#### Compatible Pneumatic Tools

If you don't see your particular model in the table below, see strongtie.com/toolmatrix or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

DeWalt®	D51431
Hitachi®	N5010A
Paslode®	S200-S16, 900078NT



Ga. x In.	1,000-Count Model No.	Carton Quantity	Carton Model No.
16 x 11⁄4	S16N125GS-R1000	10,000	S16N125GS
16 x 1½	S16N150GS-R1000	10,000	S16N150GS
16 x 1¾	S16N175GS-R1000	10,000	S16N175GS
16 x 2	_	10,000	S16N200GS



1/4" Crown, 18-Gauge Staples (Similar to Senco® "L" Series)

#### Compatible Pneumatic Tools

If you don't see your particular model in the table below, see **strongtie.com/toolmatrix** or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.



## Type 316 Stainless Steel

Ga. x In.	Carton Quantity	Model No.
18 x %	5,000	T18N062L10
18 x ¾	5,000	T18N075L11
18 x 1	5,000	T18N100L13
18 x 11/8	5,000	T18N112L14
18 x 11⁄4	5,000	T18N125L15
18 x 1½	5,000	T18N150L17

Ga. x In.	1,000-Count Model No.	Carton Quantity	Carton Model No.
18 x %	_	5,000	S18N062L10
18 x 1	S18N100L13-R1000	5,000	S18N100L13
18 x 1 1/8	_	5,000	S18N112L14
18 x 11⁄4	S18N125L15-R1000	5,000	S18N125L15
18 x 1½	S18N150L17-R1000	5,000	S18N150L17

## Strong-Tie

7/16" Crown, 16-Gauge Staples (Similar to Senco® "N" Series)

#### **Compatible Pneumatic Tools**

If you don't see your particular model in the table below, see **strongtic.com/toolmatrix** or call Simpson Strong-Tie for assistance with fastener selection (800) 999-5099.

Bostitch®	438S5 (up to 11/2"), 650S5
DeWalt®	D51430
Duo-Fast®	SM7648 (up to 11/2"), 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

Ga. x In.	Carton Quantity	Carton Model No.
16 x ¾	5,000	T16N075N11
16 x 1 1⁄4	5,000	T16N125N15
16 x 1½	5,000	T16N150N17
16 x 1¾	5,000	T16N175N19
16 x 2	5,000	T16N200N21

J 1			
Ga. x In.	1,000-Count Model No.	Carton Quantity	Carton Model No.
16 x 1	_	5,000	S16N100N13
16 x 1 1/4	S16N125N15-R1000	5,000	S16N125N15
16 x 1½	S16N150N17-R1000	5,000	S16N150N17
16 x 1¾	_	5,000	S16N175N19
16 x 2	S16N200N21-R1000	5,000	S16N200N21





# Quik Drive®

Systems	
Quik Drive Systems PRODW Drywall System PRO200 Drywall System PRO200S Multi-Purpose System PRO250 Subfloor System PRO300S Decking System PROHSD60 Wood-to-Steel System PROHSD75 Wood-to-Steel System PROLDH Underlayment/Backerboard System PRO300SRF Roofing Tile System PRO300SRF Roofing Tile System PRO300SRF Roofing Tile System PROSDX150 Steel-Decking System PROPP150 Metal Roofing System PROPP150 Metal Roofing System PROPD Multi-Purpose Combo System PROSDD Multi-Purpose Combo System PROCCS+ Multi-Purpose Combo System PROCGB Underlayment/Backerboard Combo System PROCGB Underlayment/Backerboard Combo System Parts and Accessories Screwdriver Motors Auto-Feed Screw Driving Systems	. 173 . 174 . 175 . 176 . 177 . 178 . 179 . 180 . 181 . 182 . 183 . 184 . 185 . 186 . 187
Quik Drive — Adapters	. 193 . 195

## **PRODW** Drywall System





Applications: The Quik Drive PRODW is the newly improved auto-feed screw driving system for attaching drywall, DensGlass® and other sheathing to wood or CFS. The new PRODW drywall tool has been redesigned to be lighter in weight and more ergonomic, with additional improvements to the collated-screw feed mechanism. The PRODW tool's lighter weight results in less user fatigue.

- Steel-reinforced one-piece polymer nosepiece
- · Precise self-locking depth adjustment
- Fully rotatable driver adapter for fastening hard-to-get-to areas
- Hardened-steel feed pawl for improved reliability

Limited lifetime warranty on attachment and extension,1-year limited warranty on screw-driver motors (see specific manufacturer's warranty for more information)



#### The PRODW System includes:

- PRODW Drywall Attachment
- Makita 4,000 rpm screwdriver motor
- Quiver for keeping screws at your fingertips

Drive These Collated Screws		
1"-2"	-	
Strong-Drive® WSNTL Subfloor Screw	p. 218	
Strong-Drive WSV Subfloor Screw	p. 217	
WSHL Subfloor Screw	p. 219	

System Options	Model No.	
Makita 4,000 rpm screwdriver motor	PRODWM40K	
Parts	Model No.	
Attachment only	QDPRODW	
Replacement mandrel	PMANDREL65B	
#2 Phillips replacement bits — 3 pack	BIT2P-RC3	
#2 Phillips replacement bits — 10 pack	BIT2P-RC10	

RO200 Systen

#### PRO200 Drywall System



#### Applications: Drywall to wood or steel

- Compact body for reduced weight and easy handling
- Slim profile allows driving in corners
- Smooth nose piece will not mar drywall surface

 Patented curved collation strips (U.S. 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,1-year limited warranty on screw-driver motors (see specific manufacturer's warranty for more information)



#### The PRO200 System includes:

- PRO200 Drywall Attachment (also sold separately)
- 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 on the jobsite

Drive These Collated Screws	
1"-2"	<b>▶</b>
DWC Drywall Screw	p. 219
DWHL Drywall Screw	p. 220
DWF Drywall-to-CFS Screw	p. 231
DWFSD Drywall-to-CFS Screw	p. 231

System Options	Model No.
DeWalt® 2,500 rpm screwdriver motor	PR0200G2D25K
Makita 2,500 rpm screwdriver motor	PR0200G2M25K
Parts	Model No.
Attachment only	0000000000
7 tt tale 1 tt 1	QDPR0200SG2
Replacement attachment mandrel	PMANDREL65

## PRO200S Multi-Purpose System





**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 (U.S. 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,1-year limited warranty on screw-driver motors (see specific manufacturer's warranty for more information)



#### The PRO200S System includes:

- PRO200S 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 on the jobsite

Drive These Collated Screws	
1"-2"	-
Strong-Drive® WSNTL Subfloor Screw	p. 218
Strong-Drive WSV Subfloor Screw	p. 217
WSHL Subfloor Screw	p. 219
WSC Wood Screw	p. 222
FHSD Wood-to-CFS Screw	p. 232
DWC Drywall Screw	p. 219
DWF Drywall-to-CFS Screw	p. 231
DWFSD Drywall-to-CFS Screw	p. 231
CBSDQ Sheathing-to-CFS Screw	p. 230
MTH Wood Underlayment Screw	p. 220

System Options	Model No.	
DeWalt® 2,500 rpm screwdriver motor	PRO200SD25K	
	Model No.	
Parts	Model No.	
Parts Attachment only	Model No.  QDPR0200SG2	

Simpson Strong-Tie® Fastening Systems and Attachments

### PRO250 Subfloor System





#### 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 (U.S. 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,1-year limited warranty on screw-driver motors (see specific manufacturer's warranty for more information)



#### The PRO250 System includes:

- PRO250 Subfloor Attachment (also sold separately)
- 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 on the jobsite

Drive These Collated Screws	
11/2" - 21/2"	
Strong-Drive® WSNTL Subfloor Screw	p. 218
Strong-Drive WSV Subfloor Screw	p. 217
Strong-Drive PPSD Sheathing-to-CFS Screw	p. 226
Deck-Drive™ DSV Wood Screw	p. 206
Deck-Drive DCSD Composite-to-Steel Screw	p. 215
WSHL Subfloor Screw	p. 219
CBSDQ Sheathing-to-CFS Screw	p. 230
WSFLRV Wood-to-CFS/Aluminum Screw	p. 233
WSC Wood Screw	p. 222
PHSS Wood Screw	p. 222
Trim-Head Screw: Type-17 point	p. 209
DWC Drywall Screw	p. 219
DWFSD Drywall-to-CFS Screw	p. 231

Maria Na
Model No.
PR0250G2D25K
PR0250G2M25K
PR0250G2M35K
Model No.
QDPR0250G2
PMANDREL75

## PRO300S Decking System





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 highdensity 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

 The patented curved collation strips (U.S. 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,1-year limited warranty on screw-driver motors (see specific manufacturer's warranty for more information)



#### The PRO300S System includes:

 PRO300S Decking Attachment (also sold separately)

Drive These Collated Screws	
1½" – 3"	<b>➡</b>
Deck-Drive <sup>™</sup> DSV Wood Screw	p. 206
Deck-Drive DWP Wood SS Screw	p. 207
Deck-Drive DHPD Hardwood Screw	p. 207
Strong Drive® WSNTL Wood Screw	p. 216
Trim-Head Screw: Type-17 Point	p. 209
Trim-Head Screw: Sharp Point	p. 208
Bugle-Head Wood Screw	p. 209
CBSDQ Sheathing-to-CFS Screw	p. 230
Strong Drive WSV Subfloor Screw	p. 217
Deck-Drive DCU Composite Screw	p. 213

- · 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 on the jobsite
- Decking nose clip for accurate and consistent fastening

System Options	Model No.	
DeWalt® 2,500 rpm screwdriver motor	PR0300SD25K	
Makita® 2,500 rpm screwdriver motor	PRO300SM25K	
Makita® 3,500 rpm screwdriver motor	PR0300SM35K	
Parts	Model No.	
Attachment only	QDPR0300SG2	
Replacement attachment mandrel	PMANDREL75	

PROHSD60 Syster

## PROHSD60 Wood-to-Steel System



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,1-year limited warranty on screw-driver motors (see specific manufacturer's warranty for more information)



#### The PROHSD60 System includes:

- PROHSD60 Wood-to-Steel Attachment (also sold separately)
- Extension for stand-up driving
- Choice of Hitachi® or Makita® screwdriver motors
- · Screw quiver for keeping screws at your fingertips
- Rugged tool case to protect your equipment on the jobsite

Drive These Collated Screws	
1¾" – 2¾" (45 – 60mm)	<b>—</b>
Strong-Drive® TB Wood-to-Steel Screw	p. 223
Strong-Drive PPSD Sheathing-to-CFS Screw	p. 226

System Options	Model No.
Hitachi® 1,700 rpm screwdriver motor	PROHSD60H17K
Makita® 1,000–2,000 rpm screwdriver motor	PROHSD60MVK
Makita® 2,500 rpm screwdriver motor	PROHSD60M25K
Parts	Model No.
Attachment only	QDHSD60
Replacement attachment mandrel	PMANDREI 75

For more information on screwdriver motors and RPM recommendations per application, see pp. 188-192.

For applications where maximum torque is preferred, see the Hitachi® screwdriver motor HIW8VB2 on p. 188 (sold separately).

Quik Drive® Systems

## PROHSD75 Wood-to-Steel System





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,1-year limited warranty on screw-driver motors (see specific manufacturer's warranty for more information)



#### The PROHSD75 System includes:

- PROHSD75 Wood-to-Steel Attachment (also sold separately)
- Extension for stand-up driving
- Choice of Hitachi® or Makita® screwdriver motors
- Screw quiver for keeping screws at your fingertips
- Rugged tool case to protect your equipment on the jobsite

Drive These Collated Screws	
2%" - 3" (60 - 75mm)	<b>—</b>
Strong-Drive® TB Wood-to-Steel Screw	p. 223
Strong-Drive PPSD Sheathing-to-CFS Screw	p. 226

System Options	Model No.
Hitachi® 1,700 rpm screwdriver motor	PROHSD75H17K
Makita® 1,000–2,000 rpm screwdriver motor	PROHSD75MVK
Parts	Model No.
Attachment only	QDHSD75
Replacement attachment	PMANDREI 75

For more information on screwdriver motors and RPM recommendations per application, see pp. 188–192.

For applications where maximum torque is preferred, see the Hitachi® screwdriver motor HIW8VB2 on p. 188 (sold separately).

**Quik Drive**® Systems

### PROLDH 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-A108 standards
- · Compact body for reduced weight and easy handling

Limited lifetime warranty on attachment and extension,1-year limited warranty on screw-driver motors (see specific manufacturer's warranty for more information)



#### The PROLDH System includes:

- PROLDH Underlayment/ Backerboard Attachment (also sold separately)
- · Extension for stand-up driving
- Makita® screwdriver motor
- Screw quiver for keeping screws at your fingertips
- Rugged tool case to protect your equipment on the jobsite

Drive These Collated Screv	vs
11/4" - 2"	<b>—</b>
CB3BLG Fiber-Cement Board Screw	p. 235
CB3BLGHL Cement Board Screw	p. 210

System Options	Model No.
Makita® 2,500 rpm screwdriver motor	PROLDHG2M25K
Parts	Model No.
Attachment only	QDPROLDHG2
Replacement attachment mandrel	PMANDREL65

## **PRORF** Roofing Tile System





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,1-year limited warranty on screw-driver motors (see specific manufacturer's warranty for more information)



#### The PRORF System includes:

- PRORF Roofing Tile Attachment (also sold separately)
- Choice of Makita® screwdriver motors
- Screw quiver for keeping screws at your fingertips
- Rugged tool case to protect your equipment on the jobsite

Drive These Collated Screws	
1½" – 2½"	<b>——</b>
WSCD Roofing Tile Screw	p. 212
WSCT Roofing Tile Screw	p. 212
SSWSCB Roofing Tile Screw	p. 212

System Options	Model No.
Makita® 2,500 rpm screwdriver motor	PRORFG2M25K
Makita® 3,500 rpm screwdriver motor	PRORFG2M35K
Parts	Model No.
Attachment only	QDPRORFG2
Attachment only  Replacement attachment mandrel	QDPRORFG2 PMANDREL75

#### PRO300SRF Roofing Tile System

# SIMPSON Strong-Tie



#### 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 (U.S. 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,1-year limited warranty on screw-driver motors (see specific manufacturer's warranty for more information)



#### The PRO300SRF System includes:

- PRO300SRF Roofing Tile Attachment (also sold separately)
- Choice of Makita® screwdriver motors
- Screw quiver for keeping screws at your fingertips
- Rugged tool case to protect your equipment on the jobsite

Drive These Collated Screws	
2½"-3"	
WSCD Roofing Tile Screw	p. 212
WSCT Roofing Tile Screw	p. 212
SSWSCB Roofing Tile Screw	p. 212

System Options	Model No.
Makita® 2,500 rpm screwdriver motor	PRO300SRFG2M25K
Makita® 3,500 rpm screwdriver motor	PRO300SRFG2M35K
Parts	Model No.
Parts Attachment only	Model No.  QDPR0300SRFG2

For more information on screwdriver motors and RPM recommendations per application, see pp. 188–192.

#### **BSD200** Structural Steel-Decking System

# SIMPSON Strong-Tie



Applications: Steel decking and stitching; fastening for cold-formed steel; wide-valley nestable deck to structural steel members

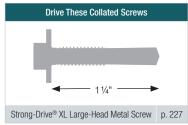
- · Patented belt collation enables autofeed fastening of screws (U.S. Patent 6,783,001)
- Profile guide on nosepiece ensures uniform screw placement
- The extension enables standup fastening
- · Depth control prevents over-driving
- Designed to eliminate skipped screws, reducing screw waste (patent pending)

Limited lifetime warranty on attachment and extension,1-year limited warranty on screw-driver motors (see specific manufacturer's warranty for more information)



#### The BSD200 System includes:

- BSD200 Structural Steel-Decking Attachment
- Extension for stand-up driving
- DeWalt® screwdriver motor
- Belt hook fastener-strip holder



For more information on screwdriver motors and RPM recommendations per application, see pp. 188-192.

System	Model No.
DeWalt® 2,000 rpm adjustable torque motor	QDBSD200G2DATK
Parts	Model No.
Attachment only	QDBSD200G2
Replacement 5/16" hex bit	BITHEXLB516LG
Attachment and extension	QDBSD200G2K
Replacement extension	QDEXTG2-16
Replacement mandrel with 5/16" hex bit	BPHXLBBGP516G2

PROSDX150 System

### PROSDX150 Steel-Decking System

# Strong-Tie





Applications: Steel deck fastening to structural steel members; narrowvalley nestable and interlocking steel decking; side-lap stitching

- Features a Precision Placement™ nosepiece for accurate driving
- · One system for fastening steel decking to structural members and steel stitching
- · Designed for both the Strong-Drive® XM Medium-Head Metal screw and the Strong-Drive Self-Drilling X Metal screw

Limited lifetime warranty on attachment and extension,1-year limited warranty on screw-driver motors (see specific manufacturer's warranty for more information)



#### The PROSDX150 System includes:

- PROSDX150 Steel-Decking Attachment
- Extension for stand-up driving
- DeWalt® screwdriver motor
- · Screw guiver for keeping screws at your fingertips

Drive These Collated Screws	
3/4" − 11/2" →	
Strong-Drive® XM Medium-Head Metal Screw	p. 228
Strong-Drive Self-Drilling X Metal Screw	p. 229

For more information on screwdriver motors and RPM recommendations per application, see pp. 188-192.

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
DeWalt 2,500 rpm screwdriver motor	DW276QD
Makita 2,500 rpm screwdriver motor	MAFS2500

**Quik Drive®** Systems

### PROPP150 Metal Roofing System





**Applications**: Panel clips for standing-seam roofing, steel decking to structural steel members, panel flanges for snap-and-seam metal roofing

- Innovative Precision Placement<sup>™</sup> 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 four head styles with two levels of corrosion resistance

Limited lifetime warranty on attachment and extension,1-year limited warranty on screw-driver motors (see specific manufacturer's warranty for more information)



U.S. Patent 8,356,534

#### The PROPP150 System includes:

- PROPP150 Metal Roofing Attachment (also sold separately)
- Choice of DeWalt® or Makita® screwdriver motors
- Screw quiver for keeping screws at your fingertips
- Rugged tool case to protect your equipment on the jobsite

Drive These Collated Screws	
<b>3</b> 4" − 1½" →	-
PC Standing-Seam-Roofing Panel Clip Screw	p. 211
PCSD Standing-Seam-Roofing Panel Clip Screw	p. 235
<b>4</b> <sup>3</sup> ⁄4" − 1½" →	<b>&gt;</b>
Strong-Drive® Self-Drilling X Metal Screw	p. 229

System Options	Model No.
DeWalt® 2,000 rpm adjustable-torque screwdriver motor	PROPP150G2DATK
Makita® 2,500 rpm screwdriver motor	PROPP150G2M25K
Parts	Model No.
Attachment only	QDPROPP150G2
Replacement attachment mandrel	PMANDREL10
Replacement hex bit and mandrel	BPHXLBPPG2

For more information on screwdriver motors and RPM recommendations per application, see pp. 188–192.

#### **PROSDD** Multi-Purpose Combo System





**Applications:** Decks/docks, subfloor, drywall, wallplates, 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 (U.S. 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,1-year limited warranty on screw-driver motors (see specific manufacturer's warranty for more information)



#### The PROSDD Combo System includes:

- PRO300S Decking Attachment (also sold separately)
- PRO200 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 on the jobsite

Dillo illoco collatou colono	
1"-3"	•
Strong-Drive® WSNTL Subfloor	p. 216
Strong-Drive PPSD Sheathing-to-CFS Screw	p. 226
Strong-Drive WSV Subfloor Screw	p. 217
Deck-Drive <sup>™</sup> DCU Composite Screw	p. 213
Deck-Drive DSV Wood Screw	p. 206
Deck-Drive DWP Wood SS Screw	p. 207
Deck-Drive DHPD Hardwood Screw	p. 207
Deck-Drive DCSD Composite-to-Steel Screw	p. 215
Trim-Head Screw: Type 17 Point	p. 209
Trim-Head Screw: Sharp Point	p. 208
Bugle-Head Wood Screw	p. 209
WSC Wood Screw	p. 222
PHSS Wood Screw	p. 222
WSFLRV Wood-to-CFS/Aluminum Screw	p. 233
WSHL Subfloor Screw	p. 219
CBSDQ Sheathing-to-CFS Screw	p. 230

Drive These Collated Screws

Drive These Collated Screws (cont.)	
DWC Drywall Screw	p. 219
DWF Drywall-to-CFS Screw	p. 231
DWFSD Drywall-to-CFS Screw	p. 231

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
Danta	Madel No.
Parts	Model No.
PRO300S Attachment only	QDPR0300SG2
PR0300S Attachment only	QDPR0300SG2

**Quik Drive®** 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 (U.S. 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,1-year limited warranty on screw-driver motors (see specific manufacturer's warranty for more information)



#### The PROCCS+ Combo System includes:

- PRO300S Decking Attachment (also sold separately)
- PRO200S Multi-Purpose 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 on the jobsite

Drive These Collated Screws	
1"-3"	<b>►</b>
Strong-Drive® WSNTL Subfloor Screw	p. 218
Strong-Drive WSV Subfloor Screw	p. 217
Deck-Drive™ DCU Composite Decking	p. 213
Deck-Drive DWP Wood SS Screw	p. 207
Deck-Drive DHPD Hardwood Decking	p. 207
Deck-Drive DCSD Composite Decking	p. 215
Trim-Head Screw: Type-17 Point	p. 209
Trim-Head Screw: Sharp Point	p. 208
Bugle-Head Wood Screw	p. 209
PHSS Wood Screw	p. 222
WSC Wood Screw	p. 222
WSFLRV Wood-to-CFS/Aluminum	p. 233
WSHL Subfloor Screw	p. 219

Drive These Collated Screws (cont.)	
Strong-Drive® PPSD Sheathing-to-CFS	p. 226
MTH Wood Underlayment Screw	p. 220
CBSDQ Sheathing-to-CFS Screw	p. 230

System Options	Model No.
DeWalt® 2,500 rpm screwdriver motor	PROCCS+D25K
Makita® 2,500 rpm screwdriver motor	PROCCS+M25K
Parts	Model No.
PR0300S Attachment only	QDPR0300SG2
· ····································	QDI 110300302
PRO200S Attachment only	QDPR0200SG2

For more information on screwdriver motors and RPM recommendations per application, see pp. 188–192.

PROCGB Combo Syste

#### PROCGB Underlayment/Backerboard Combo System





Applications: Cement board and fiber-cement board underlayment to wood or steel, backerboard to wood or steel, gypsum panel to wood or steel

- · PRO200S attachment is ideal for gypsum panel
- Extension allows stand-up driving
- · Compact body for reduced weight and easy handling

Limited lifetime warranty on attachment and extension,1-year limited warranty on screw-driver motors (see specific manufacturer's warranty for more information)



#### The PROCGB Combo System includes:

- PROLDH Underlayment/Backerboard Attachment (also sold separately)
- PRO200S Multi-Purpose Attachment (also sold separately)
- Auto-feed attachment
- Extension for stand-up driving
- Makita<sup>®</sup> screwdriver motor
- · Screw quiver for keeping screws at your fingertips
- · Rugged tool case to protect your equipment on the jobsite

Drive These Collated Screws		
1" - 2"	<b>—</b>	
CB3BLG Fiber-Cement Board Screw	p. 235	
CB3BLGHL Cement Board Screw	p. 210	
CBSDQ Sheathing-to-CFS Screw	p. 230	
DWC Drywall Screw	p. 219	
DWF Drywall-to-CFS Screw	p. 231	
DWFSD Drywall-to-CFS Screw	p. 231	
MTH Wood Underlayment Screw	p. 220	

System Options	Model No.
Makita® 2,500 rpm screwdriver motor	PROCGBM25K
Parts	Model No.
PROLDH Attachment only	QDPROLDHG2
PR0200S Attachment only	QDPR0200SG2
Replacement attachment mandrel (QDPROLDHG2)	PMANDREL65
Replacement attachment mandrel (QDPRO200SG2)	PMANDREL75

For more information on screwdriver motors and RPM recommendations per application, see pp. 188-192.

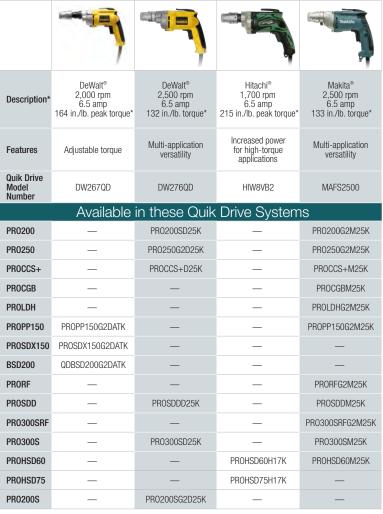
Quik Drive® — Screwdriver Motors



# 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



<sup>\*</sup>This information provided by screwdriver motor manufacturers. All screwdriver motors may also be purchased separately using the tool model number.

PROHSD60MVK

PROHSD75MVK

#### Simpson Strong-Tie® Fastening Systems and Attachments

**Quik Drive®** — Screwdriver Motors



# Screwdriver Motors Sold in Quik Drive Systems

	Table 1		
Description*	Makita 3,500 rpm 6.5 amp 107 in./lb. peak torque*	Makita 2,500 rpm 6 amp Adjustable torque*	Makita 1,000–2,000 rpm 4.6 amp (2 speeds) 177 in./lb. peak torque*
Features	Increased speed for low-torque applications	Six torque settings, ideal for steel-framing applications	Two speeds for heavy-gauge steel applications
Quik Drive Model Number	MAFS3500	MAFS2701	MA6807Z
	Available in thes	se Quik Drive Sys	tems
PR0200	_	_	_
PR0250	PR0250G2M35K	_	_
PROCCS+	_	_	_
PROCGB	_	_	_
PROLDH	_	_	_
PROPP150	_	_	_
PROSDX150		_	_
BSD200	_	_	_
PRORF	PRORFG2M35K	_	_

# Screwdriver Motors — Sold Separately

PROSDDM35K

PRO300SRFG2M35K

PR0300SM35K

**PROSDD** 

PR0300S

PROHSD60

PROHSD75

PR0200S

PR0300SRF

This tool is not available in a system, and must be ordered separately.

This teer is not available in a system, and must be crashed departately.				
	Description	Features	Tool Model No.	
	Makita 6,000 rpm 6.0 amps	Maximum speed for drywall applications	MAFS6200	
	Fein 1,700 rpm	Cordless screwdriver motor	FEASCS63	
	DeWalt 4,400 rpm	Brushless, cordless screwdriver motor	DCF620D2G2	

<sup>\*</sup>This information provided by screwdriver motor manufacturers. All screwdriver motors may also be purchased separately using the tool model number.

# 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 over-driving. 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 over-drive the screw during installation. Over-driving stainless-steel screws can cause breakage.
- For more information, visit strongtie.com/quikdrivevideos

# Screwdriver Motor RPM Recommendations

Simpson Strong-Tie offers a large selection of screwdriver motors for Quik Drive autofeed 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. 188–189.

### Screwdriver Motor RPM Recommendations Per Application

Applications	Cordless	1,700 rpm	2,500 rpm	3,500 rpm	6,000 rpm	2,000 rpm Adjustable Torque	2,500 rpm Adjustable Torque	1,000- 2,000 rpm 2 Speed
Subfloor and Sheathing	-	_	Better	Best	_	_	_	_
Decks/Docks	_	Better	Best	Better	_	_	_	_
Drywall	_	_	Good	Better	Better	_	_	_
Fiberglass-Mat Gypsum Sheathing	_	_	Good	Better	Better	_	_	_
Fiber-Cement Siding	-	Good	Best	Good	_	_	_	_
Tile Roofing	_	_	Best	Better	_	_	_	_
Metal Roofing and Siding	Good	_	Best	Better	_	_	_	_
Steel Framing	Good	Good	Best	Good	_	Good	Good	_
Steel Decking	-	_	_	_	_	Best	Better	_
Steel Stitching	_	_	Good	_	_	Best	Best	_
Underlayment	Good	Better	Best	Better	_	_	_	_
Truck and Trailer Beds	_	Best	Good	_	_	_	_	Best
Remodeling and General Purpose	Good	_	Best	Better	_	_	_	_

# **Quik Drive®** — Adapters



# Adapters for Most Popular Screwdriver Motors

Screwgun	QD Adapter	Screwgun	QD Adapter	Screwgun	QD Adapter
Bosch®	'	Hilti®		Fein®	
GSR645TE	BOA1G2	ST 18	HT18G2	ASCS 4.8 (cordless)	FEA1G2
SG25	BOA1G2	ST 1800-A18 (cordless)	HT18G2	ASCS 6.3 (cordless)	FEA1G2
SG45	BOA1G2	SD2500	HTAG2	ASCT 14 (cordless)	FEA1G2
SG250	BOA1G2	SD4500	HTAG2	ASCT 18 (cordless)	FEA1G2
SG450	BOA1G2	SD5000 (cordless)	HTAG2	Hitachi®	
DeWalt®		SF4000 (cordless)	HTAG2	W6VM	HIAG2
252	DWAG2	Makita®		W6V3	HIAG2
254	DWAG2	6807	MAA6807G2	W6V4	HIAG2
255	DWAG2	6820V	MAAG2	W6VA4	HIAG2
257	DWAG2	6821	MAAG2	W6VB2	HIAG2
260	DWAG2	6823	MAAG2	W6VB3	HIAG2
265	DWAG2	6824	MAAG2	W8VB	HIAG2
266	DWAG2	6825	MAAG2	W8VB2	HIAG2
267	DWA3G2	6827	MAAG2	WH18DMR	HIA1G2
268	DWA3G2	6828	MAAG2	Milwaukee <sup>®</sup>	
272	DWAG2	6758	MAAG2	6701-20	MIAG2
274	DWAG2	6760	MAAG2	6702-20	MIAG2
275	DWAG2	FS2200	MAA3G2	6707-20	MIAG2
276	DWAG2	FS2500	MAA3G2	6708-21	MIAG2
277	DWAG2	FS4200	MAA3G2	6740-20	MIAG2
281	DWAG2	FS6200	MAA3G2	6741-1	MIAG2
284	DWAG2	LXSF01 (cordless)	MAA3G2	6742-20	MIAG2
DCF620 (cordless)	DWA7G2	6832	ADM31DG2	6743-20	MIAG2
DC825 (cordless)	DWA2G2	6833D	ADM31DG2	6743-50	MIAG2
825 (cordless)	DWAG2	FR440D	ADM31DG2	6743-55	MIAG2
827 (cordless)	DWAG2	BFR750 (cordless)	ADM31DG2	6745-1	MIAG2
835 (cordless)	DWAG2	BTD140 (cordless)	MAA1G2	6746-1	MIAG2
845 (cordless)	DWAG2	BTD141 (cordless)	MAA1G2	6755-4	MIAG2
855 (cordless)	DWAG2	BTD144 (cordless)	MAA1G2	6758	MIAG2
DCF885 (cordless)	DWA6G2	BTD142HW (cordless)	MAA1G2	6760	MIAG2
DCF886 (cordless)	DWA6G2	BFS450 (cordless)	MAA2G2	6790-1	MIAG2
895 (cordless)	DWA4G2	LXDT04 (cordless)	MAA6G2	6790-20	MIAG2
969 (cordless)	DWA3G2			6791-20	MIAG2
_	_			2653	MIA1G2

# **Quik Drive®** — Adapters

# SIMPSON Strong-Tie

# 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

Screwgun	QD Adapter		
DeWalt®	Swivel		
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	DWA7G2		
Hilti®	Swivel		
SD4500	HTASWG2		
Makita <sup>®</sup>	Swivel		
X5F03	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 undersized 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. T-20 6-lobe drive bit	BITTX20-RC10
Bit Pack — 3 ea. T-20 6-lobe drive bit	BITTX20-RC3
Bit Pack — 10 ea. T-25 6-lobe drive bit	BITTX25-RC10
Bit pack — 3 ea. T-25 6-lobe drive bit	BITTX25-RC3
Bit pack — 3 each T-20 6-lobe Auto-Set Driver bit	BITTX20-PL-RC3
Bit pack — 10 each T-20 6-lobe Auto-Set Driver bit	BITTX20-PL-RC10
Bit pack — 50 each T-20 6-lobe Auto-Set Driver bit	BITTX20-PL-RC50
Driver bit, lobular, hex 5/16" for PROPPSD tool	BITHEXLB516
Driver bit, lobular, hex head, 1/4"	BITHEXLB14
Leafspring, HSD, HX14 attachments	QDLEAFSPRING
Leafspring, HX516, PH, LDH, PP150, SD150 attachments	QDLEAFSPRING2
Mandrel, BGP and BSD, with lobular 1/4" driver bit	BPHXLBBGP14G2
Mandrel, BGP, with lobular %e" driver bit	BPHXLBBGP516G2
Driver bit, lobular, hex 5/16" for PROSDX150 and BSD200	BITHEXLB516LG
Mandrel, 61/2"	PMANDREL65-RC
Mandrel, 71/2"	PMANDREL75-RC
Mandrel, 10"	PMANDREL10
Mandrel, 5/16" hex with driver bit for PP150 series attachment	BPHXLBPPG2
Mandrel, HX516 attachment, with 5/16" driver bit	BPHX516G2
Mandrel, $\frac{5}{16}$ " hex with driver bit for SDX150 series attachment	BPHXLBSDG2





PMANDREL75-RC



BIT3S-RC10

# **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 above for Bit Pack quantities and model numbers).

Dı	ive Type/Size	Bit		Description
	#2 square drive		R2	BIT2S — for most screws with #2 recess and interior-grade coating
	#2U (#2 undersized)		R2U	BIT2SU — for most screws with #2 recess and exterior-grade coating
	#3 square drive		R3	BIT3S — for most screws with #3 recess and interior-grade coating
	#3U (#3 undersized)		R3U	BIT3SU — for most screws with #3 recess and exterior-grade coating
4	#2 phillips			BIT2P — for all Quik Drive screws with phillips recess
<b>•</b>	1/4" lobular hex drive		P2	BITHEXLB14 — for most screws with 1/4" lobular hex drive
<b>•</b>	5/16" lobular hex drive			BITHEXLB516 — for most screws with 5/16" lobular hex drive
<b>*</b>	T-20 6-lobe			BITTX20 — for Quik Drive systems with T-20 6-lobe drive
<b>*</b> -	T-25 6-lobe			BITTX25 — for Quik Drive systems with T-25 6-lobe drive

#### **Quik Drive**® — Accessories



Accessories	Model No.
Adjusting arm, BGP300G2 (profile guide not included)	PADJARMBGP300G2
Feed pawl, 250, 200S, 300S attachments	PFEEDPAWL
Feed pawl, twist lock for SDS, 200 attachments	PFEEDPAWLTL
Feed pawl, HSD attachments	PFEEDPAWL3
Feed pawl, HX, PH, LDH, PROPP attachments	PFEEDPAWL2
Feed Pawl PP, PH, SD attachments	PFEEDPAWL5

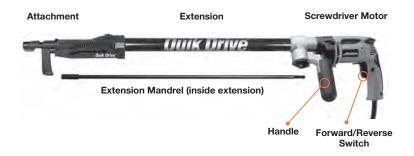
Replacment Parts	Model No.
Case, PRO kits	TOOLCASE-LG
Deck clip, PR0300S, PR0200S, PR0250	QDDECKCLIP-RC
Extension, 16" (short), G2 series	QDEXTG2-16
Extension, 20" (standard), G2 series	QDEXTG2
Extension, 22" (long), G2 series	QDEXTG2-22
Extension replacement handle, G2 Series	G2HANDLE
Noseclip, 250, 200S, 300S attachments	PNOSECLIP
Noseguard, HX516 attachment	PNOSEGUARD-5
Profile guide, 5V	PPROFILEGUIDE5V
Profile guide, AG panel ¾" Rib	PPROFILEGUIDE32
Profile guide, corrugated ½" H x 2%" W	PPROFILEGUIDE22
Profile guide, corrugated 7/8" H x 23/8" W	PPROFILEGUIDE23
Profile guide, flat	PPROFILEGUIDE11
Profile guide, J Rib / 4-Rib	PPROFILEGUIDE33
Profile guide, Maxi Rib	PPROFILEGUIDE34
Screw quiver, worn on belt, carries up to 500 screws	QUIVER



Quik Drive® — Schematics and Troubleshooting



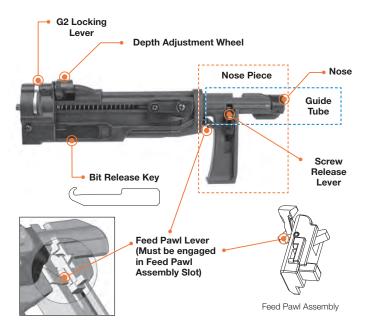
#### System Components



#### **Schematic**

#### Attachment

For more information on Quik Drive systems visit strongtie.com/videolibrary



Limited lifetime warranty on attachment and extension, 1-year limited warranty on screw-driver motors (see specific manufacturer's warranty for more information)

# Quik Drive® — Schematics and Troubleshooting





**Hex Mandrel** (found inside attachment)

Part No.	Attachment
BPHXLBBGP14G2	QDBGP300G2K
BPHXLBBGP516G2	QDBGP300G2K
BPHX516G2	QDPROHX516G2
BPHXLBPPG2	QDPROPP150G2
PMANDREL10	QDPROPP150G2
PMANDREL65	QDPR0200G2, QDPR0LDHG2, QDPR0PHG2
PMANDREL75	QD200SG2, QDPR0250G2, QDPR0300SG2, QDPR0RFG2, QDPR0300SRFG2, QDHSD60, QDHSD75
BPHXLBSDG2	QDPROSDX150G2

#### **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
Screws won't drive. They spin for a second, then lay over on their side. Little or no penetration.	Make sure the screwdriver motor is not in reverse.
Screws won't drive completely. They go down about halfway, then the bit spins out.	<ul> <li>Check to be sure you are using the correct bit for the type of screws you are driving.</li> <li>Check for bit wear. It may be time to install a new bit.</li> <li>Push harder when driving.</li> </ul>
Screws won't drive completely. They are almost completely driven but won't countersink completely.	Check the depth adjustment on the attachment. Reset if necessary. You may have missed the substrate. Example: In flooring, this will occur if you miss the joist.
Screws don't advance properly, causing tool to jam.	* Use only Simpson Strong-Tie Quik Drive brand collated screws. * Be sure the screw strip is inserted correctly — pointed end first. * Lift the tool completely off the work surface after driving each screw. * Don't drag screw strips on the work surface as you move to the next position. * Be sure the feed pawl assembly is intact and feed lever is engaged. * Avoid the use of wet or spray lubricants that may attract wood or drywall dust.





# **Collated** for the Quik Drive® System

Collated Exterior Wood Screws	
Deck-Drive™ DSV WOOD Screw	206
Deck-Drive DWP WOOD SS Screw	207
Deck-Drive DHPD HARDWOOD Screw	207
Trim-Head Screw — Sharp Point	208
Trim-Head Screw — Type-17 Point	
Bugle-Head Wood Screw	
CB3BLGHL Cement Board Screw	
PC Standing-Seam-Roofing Panel Clip Screw	
WSC Wood Screw	
SSWSCB Roofing Tile Screw	211
WSCT Roofing Tile Screw	
WSCD Roofing Tile Screw	212
Collated Composite Decking Screws	
Deck-Drive DCU COMPOSITE Screw	213
Deck-Drive DCSD	
COMPOSITE-TO-STEEL Screw	215
Collated Interior Wood Screws	
	010
Strong-Drive® WSNTL WOOD Screw	
Strong-Drive WSV SUBFLOOR Screw	
Strong-Drive WSNTL SUBFLOOR Screw	
WSHL Subfloor Screw	
DWC Drywall Screw	
DWHL Drywall Screw	220
MTH Wood Underlayment Screw	
PC Standing-Seam-Roofing Panel Clip Screw	221
PHSS Wood Screw	222
WSC Wood Screw	222
WSCLT Wood Screw	222
0 11 1 12 1 10	
Collated Metal Screws	000
Strong-Drive TB WOOD-TO-STEEL Screw	
Strong-Drive PHSD FRAMING-TO-CFS Screw	
Strong-Drive FPHSD FRAMING-TO-CFS Screw .	
Strong-Drive PPSD SHEATHING-TO-CFS Screw.	
Strong-Drive XL LARGE-HEAD METAL Screw	227
Strong-Drive XM MEDIUM-HEAD METAL Screw .	228
Strong-Drive SELF-DRILLING X METAL Screw	229
CBSDQ Sheathing-to-CFS Screw	230
DWF Drywall-to-CFS Screw	231
DWFSD Drywall-to-CFS Screw	
FHSD Wood-to-CFS Screw	
WSFLRV Wood-to-CFS/Aluminum Screw	



Application / Screw	Page	PR0200S	PR0250	uitable Syste	ems/Attachn PRORF	nents PR0300SRF	PROLDH	
Deck/Dock		. 1102000	1110200	. 1103000	1113111	. 1100000111	THOEDIT	
DCU234	213			✓				
DSVG212S	206		✓	✓				
DSVG3S	206			<b>√</b>				
DSVR114S	206	<b>✓</b>						
DSVR158S	206	<b>✓</b>	<b>√</b>					
DSVR2S	206	✓	✓	✓				
DSVR212S	206		✓	✓				
DSVR3S	206			✓				
DSVT114S	206	<b>✓</b>						
DSVT158S	206	✓	✓	✓				
DSVT2S	206	<b>✓</b>	<b>√</b>	✓				
DSVT212S	206		✓	✓				
DSVT3S	206			✓				
DTHQ2S	209	✓	✓	✓				
DTHQ212S	209		<b>√</b>	✓				
DTHQ3S	209			✓				
SS3DSC212BS	209		✓	✓				
SS3DSC212BS316	209		✓	✓				
SS3DSC3BS	209			✓				
SS3DSC3BS316	209		✓	✓				
SSDHPD212S	207			✓				
SSDTH2S	208	✓	✓	✓				
SSDTH212S	208		✓	✓				
SSDTH3S	208			✓				
SSDWP212S305	207		✓	✓				
SSDWP3S305	207			✓				
SSDWP212S316	207		✓	✓				
SSDWP3S316	207			✓				
Wood-to-Wood								
WSCG134S	211	✓	✓	✓				
WSNTLG2S	216	✓	✓	✓				
WSNTLG212S	216		✓	✓				
WSNTLG3S	216			✓				
WSNTLQ212S	216		✓	✓				
WSNTLQ3S	216			<b>√</b>				

# Simpson Strong-Tie® Fastening Systems Application/Fastener/Tool Matrix



			_				
Application / Screw	Page	PR0200S	PR0250	uitable Syste	ems/Attachn PRORF	nents PR0300SRF	PROLDH
Wood-to-Wood (cor	nt.)	11102000	1110200	11100000	THOTH	THOUGOUTH	THOEDIT
WSC114S-17	222	✓					
WSC112S	222	✓	✓	✓			
WSCLT134S	222	✓	✓	✓			
WSHL134S7	219	✓	✓	✓			
WSNTL134S	218	✓	✓	✓			
WSNTL212S	218		✓	✓			
WSNTL3S	218			✓			
WSV134S	217	✓	✓	✓			
Underlayment							
CB3BLGHL114S	210						$\checkmark$
CB3BLGHL158S	210						$\checkmark$
MTH114S	220	✓					
MTHZ1S	220	✓					
Fiber-Cement Sidin	g-to-Stee	l					
CBSDQ158S	230	✓	$\checkmark$				
CBSDQ214S	230		✓	✓			
Tile Roofing							
SSWSC2BS	212				$\checkmark$	✓	
SSWSC134BS	212	✓	✓	✓	$\checkmark$	✓	
SSWSC212BS	212				$\checkmark$	✓	
WSCD212S	212				$\checkmark$	✓	
WSCD3S	212					✓	
WSCT212S	212				✓	✓	
Crating							
PHSS212S	222		✓	✓			
Truss-Ply Fastening	9						
WSNTL212S	218		✓	✓			
WSNTL3S	218			✓			

# Simpson Strong-Tie® Fastening Systems

# Application/Fastener/Tool Matrix





Application/	Page			uitable System			
Screw	. ugo	PR0200	PR0200S	PR0250DW	PR0250	PR0300S	PROPP150
Drywall							
DWC1PS	219	✓					
DWC114PS	219	$\checkmark$					
DWC158PS	219	✓					
DWC2PS	219	$\checkmark$		✓			
DWC212PS	219			✓			
DWF114PS	231	✓					
DWF158PS	231	✓					
DWFSD114PS	231	$\checkmark$	<b>√</b> *				
DWFSD158PS	231	$\checkmark$	√*				
DWFSD178PS	231	✓		✓			
DWFSD238PS	231			✓			
DWFSDQ114PS	235	$\checkmark$	✓				
DWHL178PS	220	$\checkmark$		✓			
Metal Roofing/Sidi	ng-to-\	Wood/Steel					
PC1BS1012	235						✓
PC1BS1211	235						✓
PCQ1BS1012	235						✓
PCQ1BS1211	235						✓
PCQ112BS1012	235						✓
SSPC1BS1012	235						✓
SSPCSD1S1016	235						✓
Steel-to-Steel							
FPHSD34S1016	225						
FPHSD34S1214	225						
PHSD34S0818	225						
X1S1016	229						✓
XQ1S1016	229						✓
X1S1214	229						✓
XMQ114S1224	228						
XLQ114T1224	227						
XQ1S1214	229						✓
XQ114S1224	229						
XQ112S1224	229						
PPSD11516S0818	226		<b>✓</b>		✓	✓	

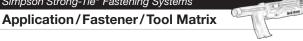
\*Drive with PRO200S only when fastening fiberglass-mat gypsum sheathing panels.

# Simpson Strong-Tie® Fastening Systems Application/Fastener/Tool Matrix



PROHX516								
			Sı					
	PROHX516	PROSD150	PROPH	PROHSD60	PROHSD75	BSD200	BGP300	PROHX14
		<b>V</b>	<b>V</b>					
		<b>√</b>	$\checkmark$					
			✓					
	✓							
		<b>✓</b>						
	✓	✓						
✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓								
✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓						<b>√</b>		
✓	1	/						
	٧							
<b>→</b>								
		<b>√</b>						

# Simpson Strong-Tie® Fastening Systems





Application/	Deer		Si	uitable System	s/Attachmer	its		
Screw	rage	PR0200	PR0200S	PR0250DW	PR0250	PR0300S	PROPP150	
Steel-to-Steel (cor	it.)							
PPSD134S1016	226		✓		$\checkmark$	✓		
PPSD3S1016	226					✓		
PPSD3S1214	226							
PPSD134S1214	226							
Wood-to-Steel								
FHSD1S1018	232		✓					
FHSD114S0818	232	$\checkmark$	✓					
TB1440S	223							
TB1445S	223							
TB1460S	223							
TB1475S	223							
TBG1245S	223							
TBG1260S	223							
TBG1445S	223							
TBG1460S	223							
TBG1475S	223							
TBP1245S	224							
TBP1260S	224							
TBP1460S	224							
TBP1475S	224							
WSF134LRVS	233		✓		$\checkmark$	✓		
Composite Decking	g-to-St	eel						
DCSD238SBR01	215				$\checkmark$	✓		
DCSD238SRD01	215				$\checkmark$	✓		
DCSD238STN01	215				$\checkmark$	✓		
DCSD238STN02	215				✓	✓		
DCSD238SGR01	215				$\checkmark$	✓		
DCSD238SGR04	215				✓	✓		
	Steel-to-Steel (cor PPSD134S1016 PPSD3S1016 PPSD3S1214 PPSD134S1214 Wood-to-Steel FHSD1S1018 FHSD114S0818 TB1440S TB1445S TB1460S TB1475S TBG1245S TBG1245S TBG1445S TBG1445S TBG1445S TBG1475S TBP1245S TBP1460S TBP1475S TBP1245S TBP1245S TBP1260S TBP1475S TBP1280S TBP1280S TBP1475S TBP1280S TBP1475S TBP1280S TBP1475S TBP1280S TBP1475S USF134LRVS Composite Decking DCSD238SRD01 DCSD238STN01 DCSD238STN02 DCSD238SGR01	Screw         rege           Steel-to-Steel (cont.)         PPSD134S1016         226           PPSD3S1016         226         226           PPSD3S1214         226         226           PPSD134S1214         226         226           PPSD134S1214         226         226           Wood-to-Steel         FHSD1S1018         232           FHSD114S0818         232         223           TB1440S         223         223           TB1460S         223         223           TBG1245S         223         223           TBG1460S         223         223           TBP1245S         224         224           TBP1260S         224         224           TBP1460S         224         224           TBP1475S         224         224           WSF134LRVS         233         200           Composite Decking-to-St         200           DCSD238SBR01         215           DCSD238STN01         215           DCSD238SGR01         215           DCSD238SGR01         215	Screw         Page         PRO200           Steel-to-Steel (cont.)         226           PPSD134S1016         226           PPSD3S1214         226           PPSD134S1214         226           PPSD134S1214         226           Wood-to-Steel         FHSD1S1018           FHSD114S0818         232           TB1440S         223           TB1445S         223           TB1475S         223           TBG1245S         223           TBG1460S         223           TBG1445S         223           TBG1460S         223           TBP1245S         224           TBP1260S         224           TBP1460S         224           TBP1475S         224           WSF134LRVS         233           Composite Decking-to-Steel           DCSD238SRD01         215           DCSD238STN02         215           DCSD238SGR01         215           DCSD238SGR01         215	Screw         Page         PR0200         PR0200S           Steel-to-Steel (cont.)           PPSD134S1016         226         ✓           PPSD3S1214         226         ✓           PPSD134S1214         226         ✓           Wood-to-Steel           FHSD1S1018         232         ✓           FHSD114S0818         232         ✓           TB1440S         223         ✓           TB1445S         223         ✓           TB1475S         223         ✓           TBG1260S         223         ✓           TBG1445S         223         ✓           TBG1460S         223         ✓           TBG1475S         223         ✓           TBP1245S         224         ✓           TBP1460S         224         ✓           TBP1475S         224         ✓           TBP1475S         224         ✓           WSF134LRVS         233         ✓           Composite Decking-to-Steel           DCSD238SBR01         215         ✓           DCSD238STN02         215         ✓           DCSD238SGR01 <td>Screw         Page         PR0200         PR0200S         PR0250DW           Steel-to-Steel (cont.)           PPSD134S1016         226         ✓         ✓           PPSD3S1016         226         ✓         ✓           PPSD134S1214         226         ✓         ✓           Wood-to-Steel           FHSD1S1018         232         ✓         ✓           FHSD114S0818         232         ✓         ✓           FHSD114S0818         232         ✓         ✓           FHSD14S0818         232         ✓         ✓           FHSD14S08         223         ✓         ✓           FB144SS         223         ✓         ✓           FBG1460S         223         ✓         ✓           FBG1460S         223         ✓         ✓           FBP124SS         224         ✓         ✓           FBP124SS         224         ✓         ✓           FBP1460S         224         ✓         ✓           FBP147SS         224         ✓         ✓</td> <td>Screw         PRO200         PRO250DW         P</td> <td>Screw         PR0200         PR0200S         PR0250DW         PR0200         PR0300S           Steel-to-Steel (cont.)         ✓         ✓         ✓         ✓           PPSD134S1016         226         ✓         ✓         ✓         ✓           PPSD351016         226         ✓         ✓         ✓         ✓           PPSD134S1214         226         ✓         ✓         ✓         ✓           PPSD134S1214         226         ✓         ✓         ✓         ✓           Wood-to-Steel         FHSD111408         232         ✓         ✓         ✓         ✓           FHSD11450818         232         ✓         ✓         ✓         ✓         ✓           TB1440S         223         ✓</td> <td>  Proced   Proced  </td>	Screw         Page         PR0200         PR0200S         PR0250DW           Steel-to-Steel (cont.)           PPSD134S1016         226         ✓         ✓           PPSD3S1016         226         ✓         ✓           PPSD134S1214         226         ✓         ✓           Wood-to-Steel           FHSD1S1018         232         ✓         ✓           FHSD114S0818         232         ✓         ✓           FHSD114S0818         232         ✓         ✓           FHSD14S0818         232         ✓         ✓           FHSD14S08         223         ✓         ✓           FB144SS         223         ✓         ✓           FBG1460S         223         ✓         ✓           FBG1460S         223         ✓         ✓           FBP124SS         224         ✓         ✓           FBP124SS         224         ✓         ✓           FBP1460S         224         ✓         ✓           FBP147SS         224         ✓         ✓	Screw         PRO200         PRO250DW         P	Screw         PR0200         PR0200S         PR0250DW         PR0200         PR0300S           Steel-to-Steel (cont.)         ✓         ✓         ✓         ✓           PPSD134S1016         226         ✓         ✓         ✓         ✓           PPSD351016         226         ✓         ✓         ✓         ✓           PPSD134S1214         226         ✓         ✓         ✓         ✓           PPSD134S1214         226         ✓         ✓         ✓         ✓           Wood-to-Steel         FHSD111408         232         ✓         ✓         ✓         ✓           FHSD11450818         232         ✓         ✓         ✓         ✓         ✓           TB1440S         223         ✓	Proced   Proced

# Simpson Strong-Tie® Fastening Systems Application/Fastener/Tool Matrix



				s/Attachment			
PROHX516	PROSD150	PROPH	PROHSD60	PROHSD75	BSD200	BGP300	PROHX14
				✓			
			✓				
			1				
			✓ ✓				
			<b>√</b>	<b>√</b>			
				✓			
			<b>√</b>				
			✓	✓			
			✓				
			$\checkmark$	$\checkmark$			
				✓			
			✓				
			✓				
			<b>√</b>				
				<b>√</b>			
				•			

#### **Collated Exterior Wood 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 under-head 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
- · High-low tip provides fast starts
- · Optimized threads for dimensional lumber
- Quik Guard® coating provides corrosion resistance for exterior and certain preservative-treated wood applications

 This screw is also available in bulk for hand-drive installation; see p. 68 for details







U.S. Patent: 6,074,149

# Quik Guard Coating — Tan

		111111100
<b>←</b>	11/4" – 3"	<b></b>

Red

Size (in.)	500 ct. Model No.	750 ct. Model No.	1,000 ct. Model No.	1,500 ct. Model No.	2,000 ct. Model No.	PR0 300S	PR0 250	PR0 200S
#8 x 11/4	_	_	_	_	DSVT114S			✓
#8 x 1%	_	_	_	_	DSVT158S		✓	✓
#10 x 2	_	HCKDSVT2S	_	DSVT2S	_	✓	✓	✓
#10 x 21/2	HCKDSVT212S	_	DSVT212S	_	_	✓	✓	
#10 x 3	HCKDSVT3S	_	DSVT3S	_	_	✓		



# Quik Guard Coating — Red

Size (in.)	500 ct. Model No.	750 ct. Model No.	1,000 ct. Model No.	1,500 ct. Model No.	2,000 ct. Model No.	PR0 300S	PR0 250	PR0 200S
#8 x 11/4	_	_	_	_	DSVR114S			✓
#8 x 1%	_	_	_	_	DSVR158S		✓	$\checkmark$
#10 x 2	_	_	_	DSVR2S	_	$\checkmark$	✓	✓
#10 x 21/2	HCKDSVR212S	_	DSVR212S	_		✓	✓	
#10 x 3	HCKDSVR3S	_	DSVR3S	_	_	✓		





	Size	500 ct. Model No.	750 ct. Model No.	1,000 ct. Model No.	1,500 ct. Model No.	2,000 ct. Model No.	PR0 300S	PR0 250	PR0 200S
	#10 x 21/2	_	_	DSVG212S	_	_	✓	✓	
	#10 v 3	_	_	DSVG3S	_	_	1		





# **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. 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. 103 for more information)

This screw is also available in bulk for hand-drive installation; see pp. 70-72 for details

)			
	<b>4</b>	2½" - 3"	<b>-</b>

# Type 316 Stainless Steel

Size (in.)	1,000 ct. Model No.	1,500 ct. Model No.	PR0300S
#10 x 2½	_	SSDWP212S316	✓
#10 x 3	SSDWP3S316	_	✓
#10 X S	335741733310	_	V

# Type 305 Stainless Steel



Size (in.)	1,000 ct. Model No.	1,500 ct. Model No.	PR0300S
#10 x 2½	_	SSDWP212S305	✓
#10 x 3	SSDWP3S305	_	✓

# **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. 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 shaft counter-bore hard material and allow the head to countersink for a clean look
- #2 square drive (replacement bit model BIT2S; see p. 103 for more information)
- This screw is also available in bulk for hand-drive installation; see p. 73 for details



# Type 305 Stainless Steel

	Type 000 Otali liess Oteel				2 1/2					
	Sizo	Size Threads		Retai	Retail Pack		Contractor Pack		PRO	
	(in.)		Per Inch		Fasteners Per Pack	Model No.	Fasteners Per Pack	Model No.	PR0 300S	250
	#10 x 21/2	10	Unpainted	500	_	1,000	SSDHPD212S	$\checkmark$	✓	
	#10 x 21/2	10	Tan 03	_	_	1,000	SSDHPD212SB	✓	✓	

#### **Collated Exterior Wood Screws**



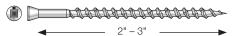


# Trim-Head Screw — Sharp Point

#### **Features**

- #2 square drive (driver bit in each box; replacement bit model BIT2S)
- Box threads

 Painted heads available in colors to match Azek® decking as well as a variety of decking colors from other manufacturers



# Type 305 Stainless Steel

System Red					
Size	Hand Oalan	Con	tractor Pack	PR0	PR0
(in.)	Head Color	Fasteners Per Pack	Model No.	250	300S
#7 x 2	Unpainted	2,000	SSDTH2S	<b>✓</b>	✓
#7 x 2½	Unpainted	1,000	SSDTH212S	✓	✓
#7 x 3	Unpainted	1,000	SSDTH3S		✓
#7 x 2½	Brown 01	1,000	DTH212S305BR01	✓	✓
#7 x 2½	Brown 05	1,000	DTH212S305BR05	✓	✓
#7 x 2½	Gray	1,000	DTH212S305GR	✓	✓
#7 x 2½	Gray 01	1,000	DTH212S305GR01	✓	✓
#7 x 2½	Gray 03	1,000	DTH212S305GR03	✓	✓
#7 x 2½	Gray 04	1,000	DTH212S305GR04	✓	✓
#7 x 2½	Tan	1,000	DTH212S305TN	✓	✓
#7 x 2½	Tan 01	1,000	DTH212S305TN01	✓	✓
#7 x 2½	Tan 02	1,000	DTH212S305TN02	✓	✓
#7 x 2½	Tan 03	1,000	DTH212S305TN03	✓	✓
#7 x 2½	Tan 04	1,000	DTH212S305TN04	✓	✓
#7 x 2½	Red 01	1,000	DTH212S305RD01	✓	✓



See strongtie.com/deckcolormatch for the latest decking color match information.

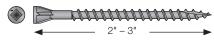


# Trim-Head Screw — Type-17 Point

#### **Features**

- · Trim head with nibs for easy countersinking
- #2 undersized square drive (driver bit in each box; replacement bit model BIT2SU)
- · Coarse threads
- Curved collation

# Quik Guard® Coating



	Size	Retail Pack		Contract	PR0	PR0	PR0	
	(in.)	Fasteners Per Pack	Model No.	Fasteners Per Pack	Model No.	200S	250	300S
:	#8 x 2	_		2,000	DTHQ2S	✓	✓	✓
#	8 x 2½	750	HCKDTHQ212S	1,500	DTHQ212S		✓	✓
:	#8 x 3	500	HCKDTHQ3S	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)
- · Coarse threads

- Type-17 point
- Available in Types 316 and 305 stainless steel

# Type 316 Stainless Steel



Size (in.)	Carton Quantity	Model No.	PR0300S
#10 x 2½	1,500	SS3DSC212BS316	✓
#10 x 3	1,000	SS3DSC3BS316	✓

# Type 305 Stainless Steel



Size (in.)	Carton Quantity	Model No.	PR0300S
#10 x 2½	1,500	SS3DSC212BS	✓
#10 x 3	1,000	SS3DSC3BS	✓

#### **Collated Exterior Wood Screws**





# **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 easycountersinking
- #3 undersized square drive (driver bit in each box; replacement bit model BIT3SU)
- · Alternating high-low threads
- Sharp point
- C-3 mechanically galvanized coating





# C-3 Mechanically Galvanized Coating

Size	Threads	Contrac	tor Pack		
(in.)	Per Inch	Fasteners Per Pack	Model No.	PROLDH	
#9 x 11/4	15 High-Low	1,500	CB3BLGHL114S	✓	
#9 x 1%	15 High-Low	1,500	CB3BLGHL158S	✓	







# PC Standing-Seam-Roofing Panel Clip Screw

#### Common Applications

Standing-seam-roofing panel clips to wood

#### **Features**

- Pancake head
- #2 square drive (driver bit in each box; replacement bit model BIT2SU)
- Type-17 point

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.





Size (in.)	Threads Per Inch	Carton Quantity	Model No.	PROPP150
#10 x 1	12	1,500	PCQ1BS1012	✓
#10 x 1½	12	1,500	PCQ112BS1012	✓
#12 x 1	11	1,500	PCQ1BS1211	✓

# **WSC Wood Screw**

#### Common Applications

Wood to wood

#### **Features**

- · Flat head with nibs under the head for easiercountersinking
- #2 square drive (replacement bit models BIT2SU)
- Coarse threads

# N2000<sup>®</sup> Coating



Size (in.)	Point Type	Carton Quantity	Model No.	PR0200S	PR0250	PR0300S
#8 x 1¾	Sharp Point	2,000	WSCG134S	✓	✓	✓

#### **Collated Exterior Wood 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)

Type 305 Stainless Steel

- · Coarse threads
- Type-17 point

Codes/Standards: Meets the requirements of the Tile Roofing Institute as described in ESR-2015P. A Miami-Dade compliant roofing product

(2" and  $2\frac{1}{2}$ " only).

# 13/4" - 21/2"

Size (in.)	Carton Quantity	Model No.	PRORF	PR0300SRF
#8 x 13⁄4	2,000	SSWSC134BS	✓	✓
#8 x 2	2,000	SSWSC2BS	✓	✓
#8 x 2½	1,500	SSWSC212BS	✓	✓

# WSCT Roofing Tile Screw

#### Common Applications

Roofing tiles to wood

#### **Features**

 #3 square drive (driver bit in each box; replacement bit model BIT3S)
 Codes/Standards: ASTM A641

- Flat head
- Twin threads
- Sharp point

(Class 1)



Heavy Zinc Electroplate

Size (in.)	Carton Quantity	Model No.	PRORF	PR0300SRF	
#8 x 21⁄2	1,500	WSCT212S	✓	✓	

# WSCD Roofing Tile Screw

#### **Common Applications**

Roofing tiles to wood

#### **Features**

Flat head

- #3 square drive (driver bit in each box; replacement bit model BIT3SU)
- Twin threads
- Sharp point

Codes/Standards: Meets the requirements of the Tile Roofing Institute as described in ESR-2015P. Miami-Dade Fastener Listing 16-0425.09

# Mechanically Galvanized Class 55



Size (in.)	Carton Quantity	Model No.	PRORF	PR0300SRF	
#8 x 21⁄2	1,500	500 WSCD212S ✓		✓	
#8 x 3	1,000	WSCD3S		✓	

# Simpson Strong-Tie® Fastening Systems

#### 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 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 they are suited for.

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. For more information, see strongtie.com/deckcolormatch.

#### **Features**

- Tri-lobe thread design reduces damage to the composite board while driving
- Inverted upper threads clear excess material to ensure the screw is seated properly and consistently
- Double-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
- Approved fastener (by Trex®) for Trex® composite decking
- Also available in bulk for hand-drive installation; see p. 81 for details



# Carbon Steel, Quik Guard Coating

Size (in.)	Color	Model No. (1,000 ct.)	PR0300S
#10 x 2¾	Brown 01	DCU234SBR01	✓
#10 x 2¾	Brown 05	DCU234SBR05	✓
#10 x 2¾	Gray	DCU234SGR	$\checkmark$
#10 x 2¾	Gray 01	DCU234SGR01	✓
#10 x 2¾	Gray 04	DCU234SGR04	$\checkmark$
#10 x 2¾	Red	DCU234SRD	✓
#10 x 2¾	Red 01	DCU234SRD01	$\checkmark$
#10 x 2¾	Tan	DCU234STN	✓
#10 x 2¾	Tan 01	DCU234STN01	$\checkmark$
#10 x 2¾	Tan 02	DCU234STN02	✓
#10 x 2¾	Tan 03	DCU234STN03	✓



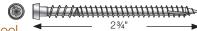
### Simpson Strong-Tie® Fastening Systems

# Collated Composite Decking Screws





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



Type 305 or 316 Stainless Steel

Size (in.)	Material	Model No. (1,000 ct.)	PR0300S
#10 x 2¾	Type 305 stainless steel	DCU234S305	✓
#10 x 23/4	Type 316 stainless steel	DCU234S316	$\checkmark$



# Type 316 Stainless Steel, Painted Head

Size (in.)	Color	Model No. (1,000 ct.)	PR0300S
#10 x 2¾	Brown 01	DCU234S316BR01	✓
#10 x 2¾	Brown 05	DCU234S316BR05	✓
#10 x 2¾	Gray	DCU234S316GR	✓
#10 x 2¾	Gray 01	DCU234S316GR01	✓
#10 x 2¾	Gray 04	DCU234S316GR04	✓
#10 x 2¾	Red	DCU234S316RD	✓
#10 x 2¾	Red 01	DCU234S316RD01	✓
#10 x 2¾	Tan	DCU234S316TN	✓
#10 x 2¾	Tan 01	DCU234S316TN01	✓
#10 x 2¾	Tan 02	DCU234S316TN02	✓
#10 x 2¾	Tan 03	DCU234S316TN03	✓



See **strongtie.com/deckcolormatch** for the latest decking color match information.

# Simpson Strong-Tie® Fastening Systems 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
- 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. 103 for more information)

See pp. 16-17 for Color Reference Chart for Decking Manufacturers

Approved fastener (by Trex) for Trex® Elevations™

Quik Guard® Coating

U.S. Patent 9.322.422



Com Color of								
Size (in.) Color		Quik Drive Part # (1,000 ct.)	Use with Trex® Color (Colors will also match other major composite decking manufacturers)	PR0 250	PR0 300S			
#10 x 23/8	Brown 01	DCSD238SBR01	Vintage Lantern	<b>✓</b>	✓			
#10 x 23/8	Tan 01 DCSD238STN01		Tree House, Saddle, Spiced Rum, Tiki Torch, Barrel	✓	✓			
#10 x 2%	% Gray 01 DCSD238SGF		Gravel Path	✓	✓			
#10 x 2%	Red 01	DCSD238SRD01	Lava Rock, Fire Pit	✓	✓			
#10 x 2% Gray 04		DCSD238SGR04	Flint, Select Winchester Gray	✓	<b>✓</b>			
#10 x 2%	Tan 02	DCSD238STN02	Rope Swing	✓	✓			













#### **Collated Interior Wood Screws**







Interior Wood-to-Wood Applications

#### Common Applications

Fire-rated sheathing and treated wood applications

#### **Features**

Class 55

- Flat head with nibs for easy countersinking
- #3 square drive (driver bit in each box; replacement bit model BIT3SU)
- Twin threads
- Sharp point

Codes/Standards: ESR-1472

Mechanically Galvanized





Ciaoo	01000 00								
Size (in.)	#3 Drive	Re	tail Pack	Contra	ctor Pack	PRO		PRO PRO	PR0
	Туре	Fasteners Per Pack	Model No.	Fasteners Per Pack	Model No.	2008 2		300S	
#8 x 2	Undersized	1,000	HCKWSNTLG2S	2,000	WSNTLG2S	✓	✓	✓	
#8 x 2½	Undersized	750	HCKWSNTG212S	1,500	WSNTLG212S		✓	✓	
#8 x 3	Undersized	500	HCKWSNTLG3S	1,000	WSNTLG3S			✓	





## Strong-Drive® WSV SUBFLOOR Screw

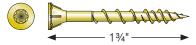


### Subfloor and Sheathing Projects

Simpson Strong-Tie® has re-engineered its popular subfloor screw to reduce driving force and increase installation speed. The new Strong-Drive WSV Subfloor screw has been developed for fastening subfloor sheathing using the Quik Drive® auto-feed screw driving system.

#### **Features**

- Redesigned point and thread pattern provides easy starts and up to 25% less torque while driving1 - makes for up to 20% faster driving<sup>2</sup>
- Deep six-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
- 6-lobe T-25 drive bit (replacement bit BITX25)
- 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.



Size	Head Diameter (in.)	Point	Carton	Model	PR0	PR0	PR0
(in.)		Type	Quantity	No.	200S	250	300S
#9 x 13/4	0.333	Sharp	2,000	WSV134S	<b>√</b>	<b>√</b>	<b>√</b>





## **Strong-Drive®**WSNTL **SUBFLOOR** Screw

For Subfloor and Sheathing to Wood, Multi-Ply Wood Members Code-Listed, Collated Screws Exceed Values of 10d Nails

Strong-Drive WSNTL Subfloor screws are ideal for fastening subfloor, sheathing, sill plate and stair tread applications using the Simpson Strong-Tie® Quik Drive® auto-feed screw driving system. With lateral shear, withdrawal and pull-though values that exceed those of 10d common nails, the holding power of WSNTL screws reduces gaps between the joist and subfloor that cause floor squeaks.

#### Common Applications

Subfloor and sheathing to wood and EWP-Ply fastening for multi-ply trusses

#### **Features**

- The original "No-Glue" solution
- #3 square drive (driver bit in each box; replacement bit model BIT3S)
- Minimum fastener penetration of 1¼" into framing member is required
- Also available in bulk for hand-drive installation; see p. 90 for details

Codes/Standards: ICC-ES ESR-1472; City of L.A. RR25661

(Note: 13/4" length not code listed)

For information on corrosion, materials and coatings, see pp. 12-15





Length	Retail Pack		Contractor Pack		PRO	PR0	PR0	
(in.)	Fasteners Per Pack	Model No.	Fasteners Per Pack	Model No.	200S	250	300S	
#8 x 1¾	1,000	HCKWSNTL134S	2,000	WSNTL134S	✓	✓	✓	
#8 x 2	1,000	HCKWSNTL2LS	2,000	WSNTL2LS	✓	✓	✓	
#8 x 2½	750	HCKWSNTL212S	1,500	WSNTL212S		✓	✓	
#8 x 3	500	HCKWSNTL3S	1,000	WSNTL3S			✓	





## 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)
- · High-low threads

- · Sharp point
- Gray phosphate coating
- 1:1 replacement for 8d common nails when used with floor sheathing
   15/22 - 23/32" thick

## 134"

## **Gray Phosphate Coating**

Size	Carton	Model	PR0	PR0	PR0
(in.)	Quantity	No.	200S	250	300S
#7 x 1¾	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)
- Coarse threads
- Sharp point

Codes/Standards: ASTM C1002 Type W



## **Gray Phosphate Coating**

				•		-
Size	Retai	Retail Pack		tor Pack	PR0	PRO
(in.)	Fasteners Per Pack	Model No.	Fasteners Per Pack	Model No.	200	250DW
#6 x 1	_	_	2,500	DWC1PS	✓	
#6 x 11⁄4	1,000	HCKDWC114PS	2,500	DWC114PS	✓	
#6 x 1%	1,000	HCKDWC158PS	2,500	DWC158PS	✓	
#6 x 2	_	_	2,000	DWC2PS	✓	✓
#8 x 2½	_	_	1,500	DWC212PS		✓





## DWHL Drywall Screw

#### **Common Applications**

Drywall to wood

#### **Features**

- Bugle head
- #2 Phillips drive (driver bit in each box; replacement bit model BIT2P)

Codes/Standards: ASTM C1002 Type W

- · High-low threads
- Sharp point
- Gray phosphate coating



## Gray Phosphate Coating

Siz (in.)	Carton Quantity	Model No.	PRO 250DW	PR0 200
#6 x 1%	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)
- · High-low threads
- Sharp point
- · Great for pallet repair applications

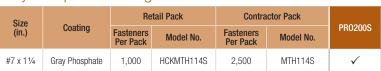


11/4" -

## Yellow Zinc Coating

Size (in.)		Retail Pack		Cont		
	Coating	Fasteners Per Pack	Model No.	Fasteners Per Pack	Model No.	PR0200S
#7 x 1	Yellow Zinc	_	_	2,500	MTHZ1S	✓

## Gray Phosphate Coating







## PC Standing-Seam-Roofing Panel Clip Screw

#### Common Applications

Standing-seam-roofing panel clips to wood

#### **Features**

- · Pancake head
- #2 square drive (driver bit in each box; replacement bit model BIT2S)
- Type-17 point
- · Straight collation



## Type 410 Stainless Steel\*

Size (in.)	#2 Drive Type	Threads Per Inch	Carton Quantity	Model No.	PROPP150
#10 x 1	Standard	12	1,500	SSPC1BS1012	✓

<sup>\*</sup> 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 (in.)	#2 Drive Type	Threads Per Inch	Carton Quantity	Model No.	PROPP150
#10 x 1	Standard	12	1,500	PC1BS1012	✓
#12 x 1	Standard	11	1,500	PC1BS1211	✓





## PHSS Wood Screw

#### **Common Applications**

Wood to wood

#### **Features**

- Pan head
- #2 square drive (driver bit in each box; replacement bit model BIT2S)
- · Twin threads
- Sharp point
- Yellow zinc coating



Size	Carton	Model	PR0	PR0
(in.)	Quantity	No.	250	300S
#8 x 2½	1,500	PHSS212S	✓	

## **WSC Wood Screw**

#### **Common Applications**

Yellow Zinc Coating

Wood to wood

#### **Features**

- Flat head with nibs for easy countersinking
- #2 square drive (driver bit in each box; replacement bit model BIT2S)
- Coarse threads
- Available with Type-17 and sharp points



## Yellow Zinc Coating

Size (in.)	Point Type	Carton Quantity	Model No.	PR0200S	PR0250
#8 x 11/4	Type-17	2,500	WSC114S-17	✓	
#8 x 11/2*	Sharp	2,000	WSC112S	✓	$\checkmark$

<sup>\*</sup> This size does not have nibs under the head.

## **WSCLT Wood Screw**

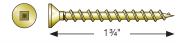
#### Common Applications

Wood to wood

#### **Features**

- Flat head
- #2 square drive (driver bit in each box; replacement bit model BIT2S)
- Coarse threads

- · Sharp point
- Yellow zinc coating
- Curved collation



Size	Carton	Model	PR0	PRO	PR0
(in.)	Quantity	No.	200S	250	300S
#8 x 1¾	2,000	WSCLT134S	✓	$\checkmark$	





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

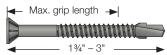
#### Common Applications

Wood to hot-rolled steel (Maximum recommended thicknesses: 5/16")

- 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®)
- #4 drill point with wings
- This screw is also available in bulk for hand-drive installation: see p. 93 for details

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

Length in. (mm)	Max. Grip Length (in.)*	Shank Size	Threads Per Inch	Carton Quantity	Model No.	PRO HSD60	PRO HSD75
1 ¾ (45)	1.055	#12	14	1,000	TBG1245S	<b>✓</b>	
23/8 (60)	1.645	#12	14	1,000	TBG1260S	✓	✓
1 <sup>3</sup> ⁄ <sub>4</sub> (45)	1.055	#14	14	1,000	TBG1445S	<b>✓</b>	
2% (60)	1.645	#14	14	750	TBG1460S	✓	✓
3 (75)	2.236	#14	14	750	TBG1475S		✓



Length in. (mm)	Max. Grip Length (in.)*	Shank Size	Threads Per Inch	Carton Quantity	Model No.	PRO HSD60	PRO HSD75
1 ½ (40)	0.826	#14	14	1,000	TB1440S	<b>✓</b>	
13/4 (45)	1.055	#14	14	1,000	TB1445S	✓	
2% (60)	1.645	#14	14	750	TB1460S	✓	✓
3 (75)	2.236	#14	14	750	TB1475S		✓





## **Strong-Drive**° TB **WOOD-TO-STEEL** Screw (cont.)

## Max. grip length → | 1¾" - 3"

## Black Phosphate Coating

			0					
Length in. (mm)	Max. Grip Length (in.)*	Shank Size	Threads Per Inch	Carton Quantity	Model No.	PRO HSD60	PRO HSD75	
1 ¾ (45)	1.055	#12	14	1,000	TBP1245S	✓		
23/8 (60)	1.645	#12	14	1,000	TBP1260S	✓	✓	
2% (60)	1.645	#14	14	750	TBP1460S	✓	✓	
3 (75)	2.236	#14	14	750	TBP1475S		✓	

<sup>\*</sup> Grip length includes side member, steel thickness, air gaps (if any) and allowance for three threads protruding through the steel.





## 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)
- #2 drill point
- Yellow zinc coating

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

## Yellow Zinc Coating



Size (in.)	Threads Per Inch	Point Size	Carton Quantity	Model No.	PROPH
#8 x ¾	18	2	2,500	PHSD34S0818	$\checkmark$

## Strong Drive FPHSD FRAMING-TO-CFS Screw

#### Common Applications

Cold-formed steel framing and sheet steel sheathing to cold form steel

#### **Features**

- · Flat pan head
- #3 square drive (driver bit in each box; replacement bit model BIT3S)
- #3 drill point

- Clear zinc coating
- This screw is also available in bulk for hand-drive installation; see p. 95 for details

Codes/Standards: ASTM C1513 compliant, ICC-ES ESR-3006



## Clear Zinc Coating

Size (in.)	Threads Per Inch	Point Size	Carton Quantity	Model No.	PROSD150	PROPH
#10 x 3/4	16	3	2,500	FPHSD34S1016	✓	✓
#12 x 3/4	14	3	2,500	FPHSD34S1214	✓	✓





## **Strong-Drive®**PPSD **SHEATHING-TO-CFS** Screw

#### Common Applications

Subfloor/sheathing to cold-formed steel, (#8 — maximum thickness: 54 mil / 16 ga., #10, #12 — maximum thickness: 97 mil / 12 ga.)

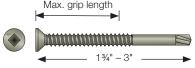
#### **Features**

- Flat head
- #3 square drive (driver bit in each box; use replacement bit model BIT3SU for Quik Guard® and BIT3S for yellow zinc coating)
- Pilot point

- Quik Guard and yellow zinc coating
- #8 and #10 screws meet minimum head diameter requirement per AISI S213-07, lateral design standard
- Also available in bulk for hand-drive installation; see p. 94 for details

Codes/Standards: ASTM C1513 compliant. 2009/2012 IBC 2009/2012 Section 2304.9.5, IRC R317.3 and ICC-ES ESR 4208 (PPSDQ #8 and #10 sizes) compliant for fire-retardant-treated wood

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.



Max. grip lengtl

## **Quik Guard Coating**

Size (in.)	Min. Head Diameter (in.)	Point Size	Thread Length (in.)	Max. Grip Length (in.)	Threads per Inch	Carton Quantity	Model No.	PR0 200S	PR0 250	PR0 300S	HSD60	HSD75
#8 x 1 15/16	0.315	2	1.220	1.03	18	2,000	PPSDQ11516S0818	$\checkmark$	$\checkmark$	$\checkmark$		
#10 x 1¾	0.325	3	0.989	0.773	16	2,000	PPSDQ134S1016	$\checkmark$	$\checkmark$	$\checkmark$		
#12 x 1¾	0.452	3	0.984	0.773	14	1,000	PPSDQ134S1214°				$\checkmark$	
#10 x 3	0.325	3	1.464	1.246	16	1,000	PPSDQ3S1016			$\checkmark$		$\checkmark$
#12 x 3	0.452	3	1.469	1.246	14	1,000	PPSDQ3S1214°					✓

<sup>\*</sup>Has underhead nibs.

				9								
Size (in.)	Min. Head Diameter (in.)	Point Size	Thread Length (in.)	Max. Grip Length (in.)	Threads per Inch	Carton Quantity	Model No.	PR0 200S	PR0 250	PR0 300S	HSD60	HSD75
#8 x 1 15/16	0.315	2	1.220	1.03	18	2,000	PPSD11516S0818	$\checkmark$	✓	✓		
#10 x 13/4	0.325	3	0.989	0.773	16	2,000	PPSD134S1016	$\checkmark$	$\checkmark$	$\checkmark$		
#12 x 13/4	0.452	3	0.984	0.773	14	1,000	PPSD134S1214°				✓	
#10 x 3	0.325	3	1.464	1.246	16	1,000	PPSD3S1016			$\checkmark$		$\checkmark$
#12 x 3	0.452	3	1.469	1.246	14	1,000	PPSD3S1214°					✓

<sup>\*</sup>Not for use in fire-treated lumber.





## **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 (driver part #BITHEXLB516)
- #5 drill point
- Quik Guard® coating

- %"-diameter hex washer head
- Also available in bulk for hand-drive installation; see p. 235 for details

Codes/Standards: IAPMO UES ER-326, FM Approval 3050714,

State of Florida FL16937, City of Los Angeles RR26009, SDI DDM03 Appendix IX, SDI DDM04

See our Steel Deck Diaphragm Calculator at strongtie.com/SteelDeckDiaphragm

U.S. 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 (in.)	Hex Head Size (in.)	Washer Dia. (in.)	Threads Per Inch	Point Size	Suitable Material Thickness (in.)	Carton Qty.	Model No.	BSD200	
#12 x 11/4	5/16	0.625	24	#5	0.125-0.500	1,000	XLQ114T1224	✓	





## **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
- ½"-dia. hex washer head is ideal for narrow-channel steel decking
- Available only in 1¼" length with #5 drill point
- Available in Quik Guard® coating
- Also available in bulk for hand-drive installation; strongtie.com for details

See our Steel Deck Diaphragm Calculator at strongtie.com/SteelDeckDiaphragm

Codes/Standards: IAPMO UES ER-326, FM Approval 3050714, State of Florida FL16937, City of Los Angeles RR26009, SDI DDM04

U.S. 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 (in.)	Hex Head Size (in.)	Washer Dia. (in.)	Threads Per Inch	Point Size	Suitable Material Thickness (in.)	Carton Qty.	Model No.	PROSDX150	
#12 x 11⁄4	5/16	0.483	24	#5	0.125-0.500	1,500	XMQ114S1224	✓	



## Strong-Drive® **SELF-DRILLING X METAL Screw**

#### Common Applications

- 1. Steel decking to structural steel; 2. Steel stitching ("side-lap" stitching);
- 3. Cold-formed steel framing

#### **Features**

- 5/16" hex head
- Drill point
- · Hex washer head

· This screw is also available in bulk for hand-drive installation: see strongtie.com for details

See our Steel Deck Diaphragm Calculator at strongtie.com/SteelDeckDiaphragm

Codes/Standards: ICC-ES ESR-3006, City of LA RR25670 and RR25917, ASTM C1513 compliant, FM Approval #3045651, SDI DDM03, Appendix VII. IAPMO-UES ER-326, SDI DDM04, State of Florida FL16937

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 (in.)	Threads Per Inch	Point Size	Carton Quantity	Model No.	PRO HX516	PRO SDX150	PRO SD150	Application(s)
#10 x 1	16	3	1,500	XQ1S1016	✓	✓	✓	2, 3
#12 x 1	14	3	1,500	XQ1S1214	✓	✓	✓	2, 3
#12 x 11/4	24	5	1,500	XQ114S1224		✓	✓	1, 3
#12 x 1½	24	5	1,500	XQ112S1224		$\checkmark$	✓	1, 3

## Clear Zinc Coating



Size (in.)	Threads Per Inch	Point Size	Carton Quantity	Model No.	PRO HX516	PRO SDX150	PRO SD150	Application(s)
#10 x ¾	16	1	1,500	XU34S1016		✓	✓	2, 3
#10 x 1	16	3	1,500	X1S1016	✓	✓	✓	2, 3
#12 x 1	14	3	1,500	X1S1214	✓	✓	✓	2, 3





## 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)
- #2 drill point with wings
- Quik Guard® coating

Codes/Standards: ASTM C1513 compliant, #8 screws meet minimum head diameter requirement per AISI S213-07, Lateral Design Standard, ICC-ES ESR-4208.

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 (in.)	Threads Per Inch	Point Size	Carton Quantity	Min. Head Dia. (in.)	Model No.	PR0 200S	PR0 250	PR0 300S
#8 x 1%	18	2	1,500	0.322	CBSDQ158S	✓	✓	<b>✓</b>
#10 x 21/4	16	2	1,000	0.322	CBSDQ214S		$\checkmark$	✓

<sup>\*</sup> Not for use in fire-treated lumber.

### Simpson Strong-Tie® Fastening Systems

#### **Collated Metal Screws**



## 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)
- · Sharp point
- Gray phosphate coating

Codes/Standards: ASTM C1002-04 Type S compliant



## Gray Phosphate Coating

Size (in.)	Carton Quantity	Model No.	PR0200
#6 x 11⁄4	2,500	DWF114PS	✓
#6 x 1%	2,500	DWF158PS	✓

## DWFSD Drywall-to-CFS Screw

#### Common Applications

Drywall to cold-formed steel (Recommended max. steel thicknesses: 43 mil / 18 ga.)

#### **Features**

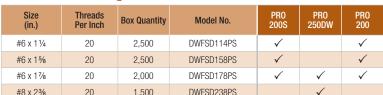
Bugle head

- #2 drill point
- #2 Phillips (driver bit in each box; replacement bit model BIT2P)

Codes/Standards: ASTM C954 compliant

### Quik Guard®

Quirt Gua	ii G		1 /4			
Size (in.)	Threads Per Inch	Box Quantity	Model No.	PR0 200S	PR0 200	
#6 v 1 1/4	20	2 500	DWESD0114PS	/	1	



#### Simpson Strong-Tie® Fastening Systems

#### **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: %<sub>16</sub>")

#### **Features**

- · Flat head
- #3 square drive for #10 (replacement bit BIT3S; see p. 103 for more information)
- #2 square drive for #8 (replacement bit BIT2S; see p. 103 for more information)

Codes/Standards: ASTM C1513 compliant; meets minimum head diameter requirements per AISI S213-07, lateral design standard.

## Type 410 Stainless Steel\*



Size	Threads	Point	Carton	Min. Head Dia.	Model No.	PRO
(in.)	Per Inch	Size	Quantity	(in.)		PP150G2
#10 x 1½	16	3	1,000	0.382	SSFHSD112S1016	$\checkmark$

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.



Size (in.)	Threads Per Inch	Point Size	Carton Quantity	Min. Head Dia. (in.)	Model No.	PR0 200S	PR0 200
#8 x 11/4	18	2	2,500	0.310	FHSD114S0818	✓	✓



## WSFLRV Wood-to-CFS/Aluminum Screw

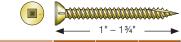
#### **Common Applications**

Wood or wood structural panel sheathing to cold-formed steel (Recommended max steel thicknesses: 20 gauge), 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)
- Type-17 point
- Yellow zinc coating

Codes/Standards: ASTM C1513 compliant; meets AISI S213 minimum for sheathing attachment if less than or equal to 54 mil.

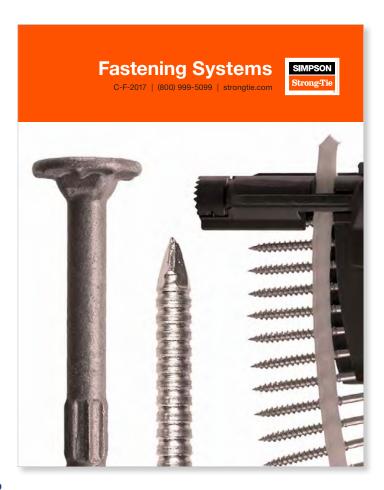


Size (in.)	Carton Quantity	Min. Head Dia. (in.)	Model No.	PR0 200S	PR0 200	PR0 250
#8 x 1	2,500	0.327	WSF1LRVS	✓	✓	
#8 x 1¾	2,000	0.327	WSF134LRVS	✓	✓	✓

#### **Miscellaneous Products**



For more information regarding the following products, please refer to the C-F-2017 Fastening Systems catalog.



## Simpson Strong-Tie® Fastening Systems

#### **Miscellaneous Products**



Screws	C-F-2017 page #
PCSD Standing-Seam-Roofing-Panel Clip Screw Strong-Drive® XL Large-Head Metal Screw Strong-Drive XM Medium-Head Metal Screw Strong-Drive XE Exterior Structural Metal Screw Strong-Drive Self-Drilling X Metal Screw	97 97 98
Nails	
Box Nail — Screw-Shank Nail Cedar and Redwood Decking Nail Common Nail — Smooth Shank Nail with EPDM Washer — Annular Ring Shank Post and Beam Nail — Annular Ring Shank Pyramid-Head Nail Washered Roofing Nail Tile/Slating Nail — Annular Ring Shank Tile/Slating Nail — Smooth Shank Custom Ordered Nails.	
Specialty Fasteners	
Escutcheon Pins Fencing Staples Hog Rings — Hill Pattern Trim-Head Screw with EPDM Sealing Washer Pocket-Hole Screw Storm Panel Screw Specialty Washer for Nail and Screw Assemblies	
Collated Nails and Staples	
0° Inserted Plastic Coil, Full Round Head, Ring-Shank I 20°–22° Plastic Strip, Full Round Head, Screw-Shank I 20°–22° Plastic Strip, Full Round Head, Smooth-Shank Straight, Adhesive Collation, 23-Gauge Micro Pins L Series Flooring Cleats	Nail
Quik Drive® Systems	
BGP300 Metal Roofing/Siding System	
Collated Screws for Quik Drive	
CB3BLG Fiber-Cement Screw	

# Nothing else drives this easy.

Simpson Strong-Tie® fasteners are precision engineered and rigorously tested to meet your most demanding applications. Our unique, patented features deliver speed and ease of installation, as well as exceptional performance.



Drive faster. Drive stronger. Drive easier.







No Predrilling



Flush Finish



Torque



Stainless Steel

