

Interior Screws

Strong-Drive®
CSV Construction Screw

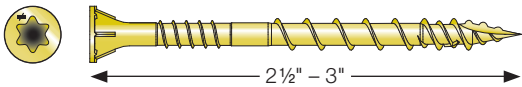
The CSV Construction screw is a versatile, multi-purpose, load-rated fastening solution for a variety of interior applications. With its underhead ribs, low-torque threads and fast-start point, the CSV Construction screw drives effortlessly and is ideally suited to be countersunk into sawn lumber or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

Features:

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

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

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



Yellow Zinc Coating

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

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

Interior Screws

Strong-Drive® SDCF TIMBER-CF SCREW

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

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

Features:

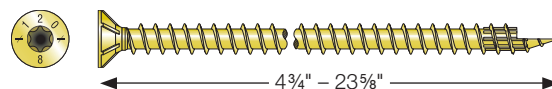
- Designed to be countersunk with head flush to wood surface
- Fully threaded to provide high withdrawal resistance

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

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

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

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



Yellow Zinc Coating

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

1. O.D. denotes thread outer diameter.

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

Interior Screws

Strong-Drive® SDCFC TIMBER-CFC SCREW

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

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

Features:

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

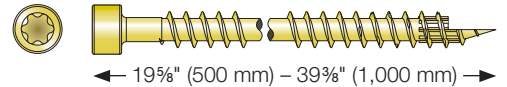
For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

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

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

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

US Patent Pending



Yellow Zinc Coating

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

1. O.D. denotes thread outer diameter.

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

Interior Screws

Strong-Drive® SDCP TIMBER-CP SCREW

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

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

Features:

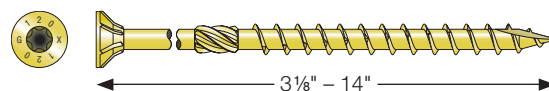
- Designed to be countersunk so that head is flush to wood surface
- Partially threaded with aggressive thread to provide high pullout resistance

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

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

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



Yellow Zinc Coating

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

1. O.D. denotes thread outer diameter.

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

Interior Screws

Strong-Drive® SDHR COMBO-HEAD SCREW

Steel-to-Wood Connections

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

Features:

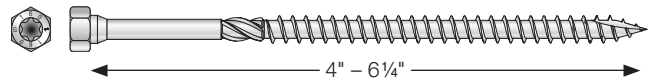
- Designed for use with steel side plates
- Type-17 point ensures fast starts, reduces installation torque and eliminates the need for predrilling in most applications
- Partially threaded with aggressive thread to provide high pullout resistance

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

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

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

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



Blue-Bright Zinc Coating

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

1. O.D. denotes thread outer diameter.

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

Interior Screws

Strong-Drive® SDW EWP-PLY Screw

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

The Strong-Drive SDW EWP-Ply screw is a high-strength structural wood screw specifically designed for fastening multi-ply members made up of engineered wood products. The SDW EWP-Ply installs easily with no predrilling and is available in optimized lengths for fastening 1½" engineered lumber, such as structural composite lumber (SCL). The large, flush head eases the handling of assembled components and simplifies the installation of finishes or structural connectors. It is code listed in IAPMO UES ER-192 and meets 2018 and 2021 IRC® and IBC® code requirements for most common wood framing applications.

Features:

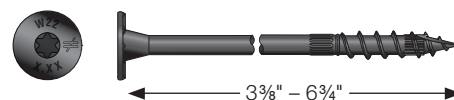
- Large washer head with ribs provides maximum bearing area; stamped with the Simpson Strong-Tie "S" sign and fastener length for easy identification after installation
- 6-lobe, T40 drive provides positive engagement that makes the screw easy to drive and improves bit life (replacement driver bit —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

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

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

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

US Patent: 9,523,383



E-Coat® Coating

Model No.	Dimensions								Retail Pack		Mini-Bulk		Box	
	Inches				Millimeters				Packaging SKU	Fast. per Pack	Packaging SKU	Fast. per Pack	Packaging SKU	Fast. per Box
	O.D. x Length	Shank Dia.	Thread Length	Head Dia.	O.D. x Length	Shank Dia.	Thread Length	Head Dia.						
SDW22338	0.315 x 3 3/8	0.220	1 1/2	0.760	8 x 85	5.6	38	19.3	SDW22338-R50	50	SDW22338MB	250	SDW22338	900
SDW22500	0.315 x 5	0.220	1 1/2	0.760	8 x 127	5.6	38	19.3	SDW22500-R50	50	SDW22500MB	200	SDW22500	600
SDW22634	0.315 x 6 3/4	0.220	1 1/2	0.760	8 x 171	5.6	38	19.3	SDW22634-R50	50	SDW22634MB	200	SDW22634	500

1. O.D. denotes thread outer diameter.

2. Typical screw application key: SCL = 1½" plies of structural-composite lumber.

SCL/3x2PCT = 1½" plies of structural-composite lumber or double 3x2 parallel-chord trusses.

SCL/4x2PCT = 1½" or 3½" plies of structural-composite lumber or double 4x2 parallel-chord trusses.

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

4. Retail pack master carton quantity: 3 3/8" = 6; 5" and 6 3/4" = 4.

Interior Screws

Strong-Drive® SDW TRUSS-PLY Screw

Truss-Ply Fastening

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

Features:

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

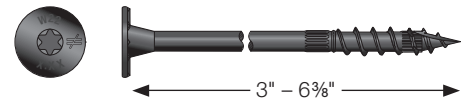
For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

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

For Technical Data and Loads, see C-F-2023TECHSUP *Fastening Systems*

Technical Guide, pp. 125–131, 133–135

US Patent: 9,523,383



E-Coat® Coating

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

1. O.D. denotes thread outer diameter.

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

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

3. If assembly is less than or equal to 4% thick, use the SDW22438.

4. If assembly is less than or equal to 6% thick, use the SDW22600.

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

6. Retail pack master carton quantity: 3" = 6; 4%, 4%, 6", 6% = 4.

Interior Screws

Strong-Drive® SDWS TIMBER Screw (Interior Grade)

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

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

Features:

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

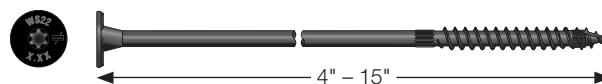
For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

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

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

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

US Patent: 9,523,383



E-Coat® Coating

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

1. O.D. denotes thread outer diameter.

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

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

4. Retail pack quantities: 6.

Interior Screws

Strong-Drive® SDWC TRUSS Screw

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

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

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

Features:

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

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

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

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



SDWC15450-KT and SDWC15600-KT contains:

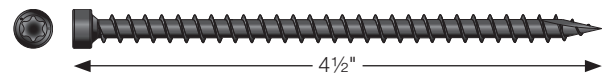
- (50) Strong-Drive SDWC screws
- (1) Matched-tolerance driver bit (Part no. BIT30T-2-R2; also sold separately)
- (1) Metal installation guide tool — SDWC-GUIDE (for SDWC15600 only; also sold separately)

SDWC15450B-KT and SDWC15600B-KT contains:

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



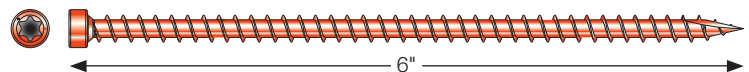
E-Coat® Coating



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

1. O.D. denotes thread outer diameter.

Clear Zinc Coating (with Orange Topcoat)



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

1. O.D. denotes thread outer diameter.

Interior Screws

QuikStik™

Rafter and Truss Fastening System

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

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

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

Features:

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

Codes/Standards: N/A

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

US Patent: 10,792,794

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

(SDWC15600 screws sold separately, see p. 103)



Quik Stik System

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

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

System Includes:

- Quik Stik tool
- Bubble level
- T30 6-lobe bit
- Protective case



Quik Stik Tool



BIT30T-2-R2



Detachable Bubble Level



Protective Case

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



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



Narrow face of stud location.



Wide face of stud location.



Rafter/truss offset from stud, vertical installation.



Rafter/truss offset from stud, corner installation.



Gable end truss installation.

Interior Screws

Strong-Drive® SDPW DEFLECTOR Screw

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

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

Features:

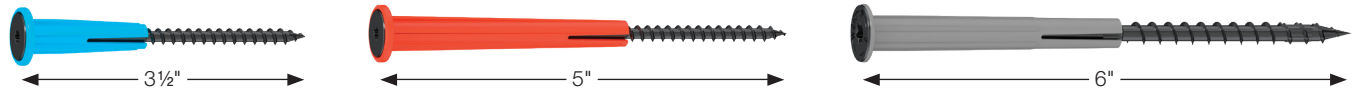
- Deep 6-lobe recess for secure driving
- Polymer sleeve allows for deflection without squeaks
- Interior-grade E-coat™ for dry service applications
- Offset driver bit (6-lobe) drives SDPW Deflector screw to predetermined screw depth
- Available in 3½", 5" and 6" lengths

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

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

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

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



SDPW Deflector Screws

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

Note: Retail packs include (1) offset driver bit and (1) ⅜" predrill bit. Mini bulk packs include (2) offset driver bits and (2) ⅜" predrill bits.
1. O.D. denotes thread outer diameter.

SDPW Accessories

Part No.	Description	Quantity
PWKIT25T	Bit Kit	(1) ⅜" Quick-Release Predrill Bit
		(2) T25 Offset Driver Bits
PWKIT40T	Bit Kit	(1) ⅜" Quick-Release Predrill Bit
		(2) T40 Offset Driver Bits
PW18EXT	18" Drive Extension	1
PW30EXT	30" Drive Extension	1



⅜" x 5" Drill Bit
for predrilling



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



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

Interior Screws

Strong-Drive® SDWF FLOOR-TO-FLOOR Screw

Wind-Uplift Restraint Connections

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

The innovative take-up washer (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. The interlock between the tabs of the take-up washer and the threads under the head of the SDWF prevent the screw from sliding back under load, providing a simple yet reliable means of shrinkage compensation up to 3/4" per story.

Features:

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

Kit includes all required installation hardware:

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

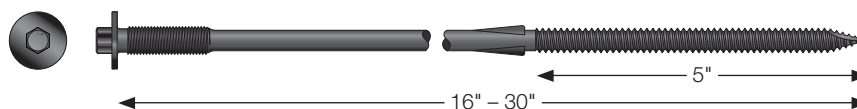


For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

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

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

US Patent: 8,276,323



E-Coat® Coating

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

Interior Screws

Strong-Drive® SDWV SOLE-TO-RIM Screw

Sole-to-Rim Attachment

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

Features:

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

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

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

For Technical Data and Loads, see C-F-2023TECHSUP *Fastening Systems*

Technical Guide, pp. 47–48, 107, 145–146



E-Coat® Coating

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

1. O.D. denotes thread outer diameter.

2. Replacement driver bit: BIT25T-2-R2.

Wafer-Head Screw

Common Applications:

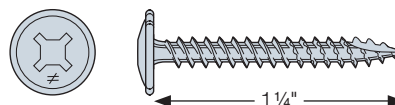
- General wood-to-wood fastening

Features:

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

For Technical Data and Loads, see C-F-2023TECHSUP *Fastening Systems*

Technical Guide, p. 202



Clear Zinc Coating

Size	Length (in.)	Head Diameter (in.)	Carton Quantity	Model No.
#8	1 ¼	0.415	100	SD8x1.25-R