

Exterior Screws

Strong-Drive® SDWS FRAMING Screw

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

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

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

Features:

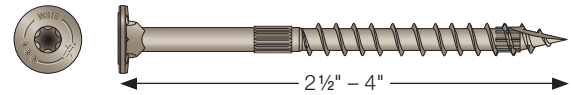
- Washer head with underhead box nibs provides increased bearing in structural applications and provides clean and easy countersinking
- SawTooth point ensures fast starts, reduces installation torque and eliminates the need for predrilling in most applications
- The 6-lobe drive provides positive bit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

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

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

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

US Patent: 9,523,383



Quik Guard Coating

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

See footnotes below.

Multi-Screw Packaging

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

1. O.D. denotes thread outer diameter.

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

Exterior Screws

Strong-Drive® SDWS TIMBER Screw (Exterior Grade)

Structural Wood and Engineered Wood Connections Including Ledgers

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

Features:

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

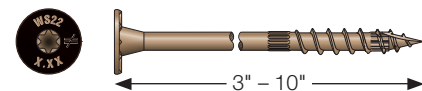
For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 129.

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

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

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

US Patent: 9,523,383



Double-Barrier Coating

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

See footnotes below.

Multi-Screw Packaging

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

1. O.D. denotes thread outer diameter.

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

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

Exterior Screws

Strong-Drive® SDWS TIMBER SS Screw

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

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

Features:

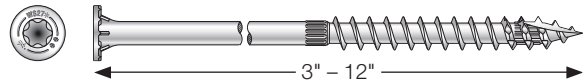
- 0.275" shank diameter for heavy-duty structural applications
- No predrilling, no counterboring required for most applications
- SawTooth point design for fast starts and no predrilling
- Large flat head with nibs can drive flush to surface with reduced splintering
- Ideal replacement for spikes, lag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

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

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

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

US Patent: 9,523,383



Type 316 Stainless Steel

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

See footnotes below.

Multi-Screw Packaging

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

1. O.D. denotes thread outer diameter.

2. Driver bit size: T50.

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