

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, 2021 and 2024 IRC and IBC code requirements for most common wood framing applications. Now available in tan and black double-barrier coating.

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 bit: BIT40T-134-R2)
- Ideal replacement for spikes, lag bolts and lag screws

For more information regarding driver bits for Simpson Strong-Tie fasteners, see p. 131.

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.

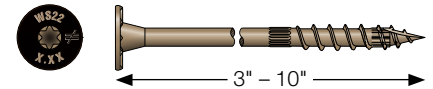
Codes/Standards: IAPMO UES ER-192 (including City of LA Supplement), State of Florida FL13975

For Technical Data and Loads: see C-F-2025TECHSUP Fastening Systems Technical Guide, pp. 42–45, 76–77, 140–142, 173, 176–177, 186–189

US Patent: 9,523,383



Double-Barrier Coating—Tan



Model No.	Dimensions								Color
	Inches				Millimeters				
	OD x Length	Shank Diameter	Thread Length	Head Diameter	OD 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	Tan
SDWS22400DB	0.315 x 4	0.220	2¾	0.760	8 x 101	5.6	60	19.3	Tan
SDWS22500DB	0.315 x 5	0.220	3	0.760	8 x 127	5.6	76	19.3	Tan
SDWS22600DB	0.315 x 6	0.220	3	0.760	8 x 152	5.6	76	19.3	Tan
SDWS22800DB	0.315 x 8	0.220	3	0.760	8 x 203	5.6	76	19.3	Tan
SDWS221000DB	0.315 x 10	0.220	3	0.760	8 x 254	5.6	76	19.3	Tan

See footnotes on next page.

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Strong-Drive® SDWS™ TIMBER Screw (Exterior Grade) (cont.)

Multi-Screw Packaging — Tan

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

See footnotes below.



Double-Barrier Coating — Black

Model No.	Dimensions								Color
	Inches				Millimeters				
	OD x Length	Shank Diameter	Thread Length	Head Diameter	OD x Length	Shank Diameter	Thread Length	Head Diameter	
SDWS22300DBB	0.315 x 3	0.220	1½	0.760	8 x 76	5.6	38	19.3	Black
SDWS22400DBB	0.315 x 4	0.220	2¾	0.760	8 x 101	5.6	60	19.3	Black
SDWS22500DBB	0.315 x 5	0.220	3	0.760	8 x 127	5.6	76	19.3	Black
SDWS22600DBB	0.315 x 6	0.220	3	0.760	8 x 152	5.6	76	19.3	Black
SDWS22800DBB	0.315 x 8	0.220	3	0.760	8 x 203	5.6	76	19.3	Black
SDWS221000DBB	0.315 x 10	0.220	3	0.760	8 x 254	5.6	76	19.3	Black

See footnotes below.

Multi-Screw Packaging — Black

Color	Individually Flagged		Retail Clamshell		Retail Pack		Mini-Bulk		Bulk	
	Fast. Qty.	Model No.	Fast. per Pack	Model No.	Fast. per Pack	Model No.	Fast. per Pack	Model No.	Fast. per Pack	Model No.
NEW Black	1	SDWS22300DBB-RP1	—	—	50	SDWS22300DBB-R50	250	SDWS22300DBBMB	950	SDWS22300DBB
NEW Black	1	SDWS22400DBB-RP1	—	—	50	SDWS22400DBB-R50	250	SDWS22400DBBMB	600	SDWS22400DBB
NEW Black	1	SDWS22500DBB-RP1	—	—	50	SDWS22500DBB-R50	250	SDWS22500DBBMB	600	SDWS22500DBB
NEW Black	1	SDWS22600DBB-RP1	—	—	50	SDWS22600DBB-R50	250	SDWS22600DBBMB	500	SDWS22600DBB
NEW Black	1	SDWS22800DBB-RP1	—	—	50	SDWS22800DBB-R50	250	SDWS22800DBBMB	400	SDWS22800DBB
NEW Black	1	SDWS221000DBB-RP1	—	—	50	SDWS221000DBB-R50	—	—	250	SDWS221000DBB

1. OD denotes thread outer diameter.

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

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