

Strong-Drive® DWP WOOD SS Screw
Deck-Drive™ DWP WOOD SS Screw

SIMPSON

Strong-Tie®



Load-rated
DWP WOOD SS
screws

#12 and #14 DWP Wood SS are now Strong-Drive®

The stainless steel DWP Wood SS screws now fall into two Simpson Strong-Tie® product families. Our shear, withdrawal and pull-through load-rated #12 and #14 DWP Wood SS screws are now considered structural fasteners and part of the Strong-Drive product line. The Strong-Drive DWP Wood SS screw is designed for engineered solutions such as framing, ledgers, stair treads and guardrails in areas requiring severe corrosion resistance.

Our versatile #7, #8, #9 and #10 DWP Wood SS screws remain in the Deck-Drive™ product family. The Deck-Drive DWP Wood SS is designed for wood-to-wood or engineered wood applications such as a deck, dock or boardwalk boards, rim boards, millwork, trim and other general exterior applications.

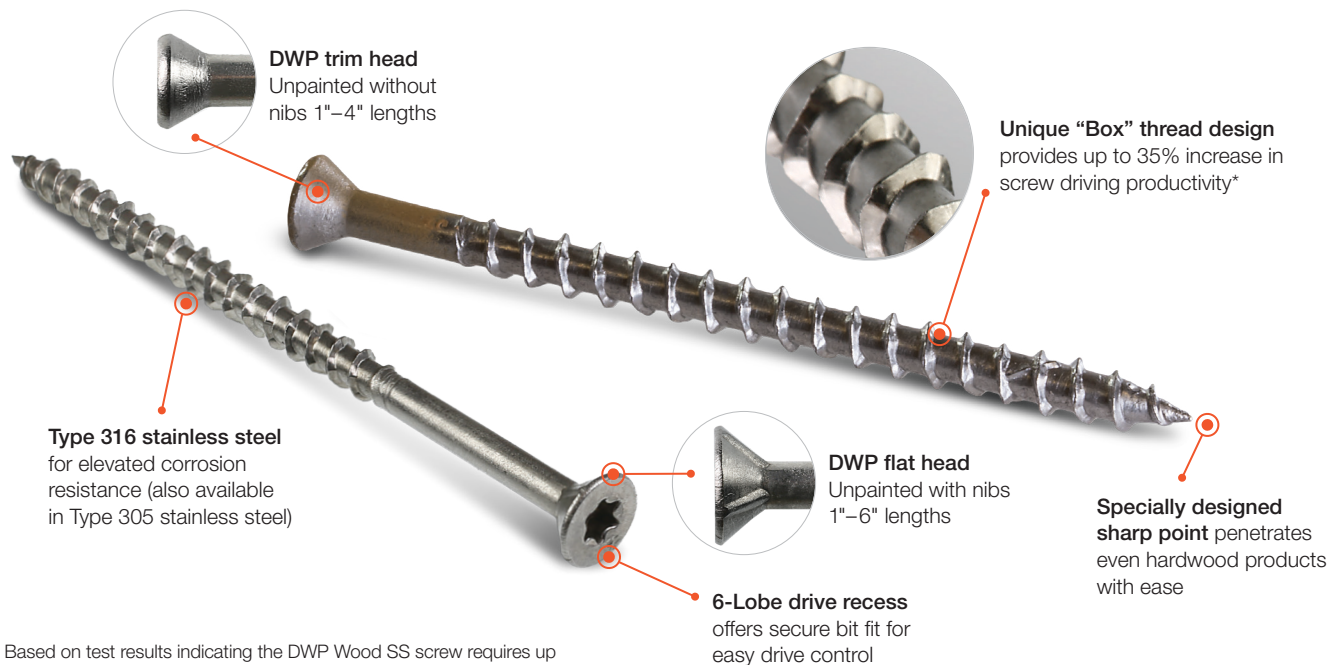
The DWP Wood SS screws were designed to provide fast, easy installations in high-exposure environments so you can truly build to withstand the elements. Available in corrosion-resistant Type 305 and Type 316 stainless steel, the DWP Wood SS screws are great for a variety of applications involving decks, docks, boardwalks and general exterior wood construction where extra weather resistance and long-lasting quality are critical.



Deck-Drive DWP Wood SS for general wood-to-wood applications.



Strong-Drive DWP Wood SS for engineered/structural applications.



* Based on test results indicating the DWP Wood SS screw requires up to 35% less measured torque in comparison to other wood screws.

Trim-head and flat-head versions available with a tan painted head for a better color match:



Trim Head, Painted

Type 316 Stainless Steel
1½"-3" lengths

Type 305 Stainless Steel
2½" length



Flat Head, Painted

Type 305 Stainless Steel
2½"-3" lengths

Strong-Drive

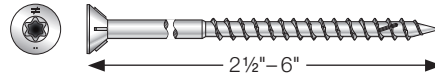
DWP WOOD SS Screw

For decking, docks and boardwalks; load-rated general exterior applications

These screws are a great solution for exterior structural connections, such as on docks, boardwalks and decks near water or where they will be exposed to high (e.g., poolside, wet service: use Type 305) or severe (e.g., coastal, marine: use Type 316) corrosion environments. Strong-Drive structural fasteners are best-in-class, load tested and engineered to meet your most demanding wood and engineered wood applications.

Flat Head

Type 316 Stainless Steel

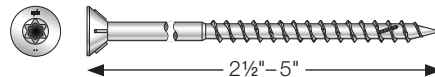


Size	Length (in.)	Head Dia. (in.)	Bit Size	Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	Deck Pack		Bucket	
							Count	Model No.	Count	Model No.
#12	2½	0.435	T27	56	T12250WP1	T12250WP5	—	—	1,750	T12250WPB
#12	3	0.435	T27	48	T12300WP1	T12300WP5	—	—	1,500	T12300WPB
#12	3½	0.435	T27	42	T12350WP1	T12350WP5	—	—	1,000	T12350WPB
#12	4	0.435	T27	36	T12400WP1	T12400WP5	100	T12400WPP	750	T12400WPB
#12	4½	0.435	T27	32	T12450WP1	T12450WP5	—	—	750	T12450WPB
#12	5	0.435	T27	29	T12500WP1	T12500WP5	—	—	500	T12500WPB
#12	6	0.435	T27	24	T12600WP1	T12600WP5	—	—	600	T12600WPB
#14	3	0.460	T27	36	T14300WP1	T14300WP5	—	—	1,000	T14300WPB
#14	3½	0.460	T27	33	T14350WP1	T14350WP5	—	—	750	T14350WPB
#14	4	0.460	T27	26	—	T14400WP5	100	T14400WPP	700	T14400WPB
#14	5	0.460	T27	21	T14500WP1	T14500WP5	—	—	500	T14500WPB
#14	6	0.460	T27	18	T14600WP1	T14600WP5	—	—	500	T14600WPB

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

Flat Head

Type 305 Stainless Steel



Size	Length (in.)	Head Dia. (in.)	Bit Size	Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	Deck Pack		Bucket	
							Count	Model No.	Count	Model No.
#12	2½	0.435	T27	56	—	S12250WP5	—	—	1,750	S12250WPB
#12	3	0.435	T27	48	S12300WP1	S12300WP5	—	—	1,500	S12300WPB
#12	3½	0.435	T27	42	S12350WP1	S12350WP5	—	—	1,000	S12350WPB
#12	4	0.435	T27	36	S12400WP1	S12400WP5	100	S12400WPP	800	S12400WPB
#12	4½	0.435	T27	32	S12450WP1	S12450WP5	—	—	750	S12450WPB
#12	5	0.435	T27	29	S12500WP1	S12500WP5	—	—	500	S12500WPB
#14	4	0.460	T27	26	—	S14400WP5	—	—	700	S14400WPB

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

The #12 and #14 DWP Wood SS flat-head screws have now been tested and evaluated in accordance with ICC-ES acceptance criteria AC233 and are load rated for shear, pull-through and withdrawal resistance. As a result, these #12 and #14 fasteners have been reclassified as Strong-Drive DWP Wood SS structural screws.

Strong-Drive DWP WOOD SS Screw — Allowable Shear Loads

Size	Length (in.)	Model No.	Thread Length (in.)	Reference DFL/SP Allowable Shear Loads (lb.)							Reference SPF/HF Allowable Shear Loads (lb.)						
				Side Member Thickness (in.)							Side Member Thickness (in.)						
				1.5	2	2.5	3	3.5	4	4.5	1.5	2	2.5	3	3.5	4	4.5
#12	2½	T12250WP, S12250WP	2.00	140	—	—	—	—	—	—	105	—	—	—	—	—	—
#12	3	T12300WP, S12300WP	2.20	185	—	—	—	—	—	—	135	—	—	—	—	—	—
#12	3½	T12350WP, S12350WP	2.50	205	190	—	—	—	—	—	160	160	—	—	—	—	—
#12	4	T12400WP, S12400WP	2.80	205	205	205	—	—	—	—	160	160	160	—	—	—	—
#12	4½	T12450WP, S12450WP	3.20	205	205	205	205	—	—	—	160	160	160	160	—	—	—
#12	5	T12500WP, S12500WP	3.50	205	205	205	205	205	—	—	160	160	160	160	160	—	—
#12	6	T12600WP, S12600WP	4.00	205	205	205	205	205	180	180	160	160	160	160	160	150	150
#14	3	T14300WP, S14300WP	2.10	220	—	—	—	—	—	—	170	—	—	—	—	—	—
#14	3½	T14350WP, S14350WP	2.30	230	220	—	—	—	—	—	180	180	—	—	—	—	—
#14	4	T14400WP, S14400WP	2.80	230	220	220	—	—	—	—	180	180	175	—	—	—	—
#14	5	T14500WP, S14500WP	3.50	230	220	220	220	220	—	—	180	180	175	175	165	—	—
#14	6	T14600WP, S14600WP	4.20	230	220	220	220	210	210	210	180	180	175	175	165	165	165

1. All applications are based on full penetration into the main member. Full penetration is the screw length minus the side member thickness.
2. Tabulated reference withdrawal and pull-through design values, W and P, are shown at a load duration factor, $C_D = 1.0$ and a wet service factor, $C_M = 1.0$. Loads may be increased for load duration per the building code up to a $C_D = 1.6$. For in-service moisture content greater than 19%, use $C_M = 0.7$. Tabulated values must be multiplied by all applicable adjustment factors from the NDS as referenced in the IBC or IRC.
3. The tabulated loads are applicable to Type 305 and Type 316 stainless-steel flat-head screw model numbers.
4. Loads are based on installation into the side grain of the wood with the screw axis perpendicular to the face of the member.
5. Minimum fastener spacing requirements to achieve loads: 6" end distance, 1⅞" edge distance.
6. The above loads are based on tests of connections with main and side members of the same species.

Strong-Drive DWP WOOD SS Screw — Allowable Withdrawal and Pull-Through Loads

Size	Length (in.)	Model No.	Thread Length (in.)	Head Diameter (in.)	Allowable Screw Tension (lb.)	Reference Withdrawal, W (lb./in.)		Reference Pull-Through for 1½" Side Member, P (lb.)	
						DFL/SP	SPF/HF	DFL/SP	SPF/HF
#12	2½	T12250WP, S12250WP	2.00	0.44	605	130	100	180	150
#12	3	T12300WP, S12300WP	2.16						
#12	3½	T12350WP, S12350WP	2.49						
#12	4	T12400WP, S12400WP	2.83						
#12	4½	T12450WP, S12450WP	3.16						
#12	5	T12500WP, S12500WP	3.49						
#12	6	T12600WP, S12600WP	4.00						
#14	3	T14300WP, S14300WP	2.05	0.46	775	145	100	200	155
#14	3½	T14350WP, S14350WP	2.25						
#14	4	T14400WP, S14400WP	2.83						
#14	5	T14500WP, S14500WP	3.49						
#14	6	T14600WP, S14600WP	4.16						

1. The tabulated allowable screw tension value is the tensile strength of the steel screw and may not be multiplied by any adjustment factors.
2. The tabulated reference withdrawal design value, W, is in pounds per inch of the thread penetration into the side grain of the main member.
3. The tabulated reference pull-through design value, P, is the allowable load for the fastener head pull-through for a minimum 1½"-thick side member.
4. Tabulated reference withdrawal and pull-through design values, W and P, are shown at a load duration factor, $C_D = 1.0$ and a wet service factor, $C_M = 1.0$. Loads may be increased for load duration per the building code up to a $C_D = 1.6$. For in-service moisture content greater than 19%, use $C_M = 0.7$. Tabulated values must be multiplied by all applicable adjustment factors from the NDS as referenced in the IBC or IRC.
5. Embedded thread length is that portion held in the main member including the screw point.

Deck-Drive

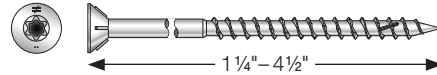
DWP WOOD SS Screw

For high- to severe-exposure wood decking applications

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

Flat Head, Unpainted

Type 316 Stainless Steel



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

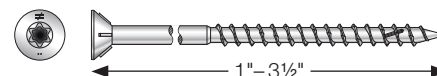
6-lobe bit replacements: T20 uses BIT20T-2-R2; T25 uses BIT25T-2-R2.

1. #10 x 2 1/2" Flat Head also available in 880 ct. retail package: T10250WPR880

2. #10 x 3" Flat Head is also available in 770 ct. retail package: T10300WPR770

Flat Head, Unpainted

Type 305 Stainless Steel

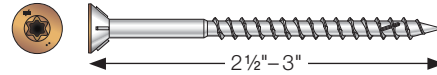


Size	Length (in.)	Head Diameter (in.)	Bit Size	Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	Deck Pack		Bulk Bucket	
							Count	Model No.	Count	Model No.
#8	1 1/4	0.335	T20	176	S08125WP1	S08125WP5	—	—	5,000	S08125WPB
#8	1 5/8	0.335	T20	150	S08162WP1	S08162WP5	350	S08162WPP	4,000	S08162WPB
#8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

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

Deck-Drive™ DWP WOOD SS Screw**SIMPSON****Strong-Tie****Flat Head, Painted**

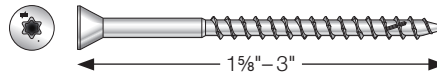
- Painted heads blend with hardwood decking material

Type 305 Stainless Steel

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

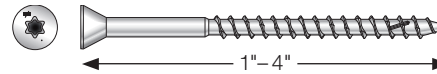


6-lobe bit replacement: T25 uses BIT25T-2-R2.

Trim Head, Unpainted**Type 316 Stainless Steel**

Size	Length (in.)	Head Diameter (in.)	Bit Size	Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	Clam Shell		350-Count Model No.	Bulk Bucket	
							Count	Model No.		Count	Model No.
#7	1½	0.230	T15	195	T07162WP1	T07162WP5	100	T07162FWP	T07162WPP	4,000	T07162WPB
#7	2¼	0.230	T15	138	T07225WP1	T07225WP5	86	T07225FWP	T07225WPP	1,750	T07225WPB
#7	3	0.230	T15	98	T07300WP1	T07300WP5	60	T07300FWP	T07300WPP	1,750	T07300WPB

6-lobe bit replacement: T15 uses BIT15T-2-R2.

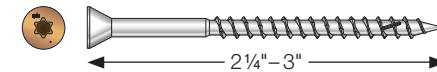
Trim Head, Unpainted**Type 305 Stainless Steel**

Size	Length (in.)	Head Diameter (in.)	Bit Size	Approx. Count per lb.	1 lb. Model No.	5 lb. Model No.	Clam Shell		350-Count Model No.	Bulk Bucket	
							Count	Model No.		Count	Model No.
#7	1	0.230	T15	303	S07100WP1	S07100WP5	—	—	—	5,000	S07100WPB
#7	1¼	0.230	T15	264	S07125WP1	S07125WP5	—	—	S07125WPP	5,000	S07125WPB
#7	1½	0.230	T15	195	S07162WP1	S07162WP5	135	S07162FWP	S07162WPP	4,000	S07162WPB
#7	2	0.230	T15	156	S07200WP1	S07200WP5	—	—	S07200WPP	4,000	S07200WPB
#7	2¼	0.230	T15	138	S07225WP1	S07225WP5	100	S07225FWP	S07225WPP	1,750	S07225WPB
#7	2½	0.230	T15	121	S07250WP1	S07250WP5	—	—	S07250WPP	1,750	S07250WPB
#7	3	0.230	T15	98	S07300WP1	S07300WP5	60	S07300FWP	S07300WPP	1,750	S07300WPB
#8	2½	0.250	T20	109	—	—	—	—	S08250WPP	1,750	S08250WPB
#8	3	0.250	T20	91	—	—	—	—	S08300WPP	1,750	S08300WPB
#9	3½	0.250	T20	70	S09350WP1	S09350WP5	35	S09350FWP	—	1,500	S09350WPB
#9	4	0.250	T20	61	S09400WP1	S09400WP5	—	—	—	1,000	S09400WPB

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

Trim Head, Painted

- Painted heads blend with hardwood decking material

Type 316 Stainless Steel

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



T15 6-lobe drive replacement: bit model BIT15T-2-R2.

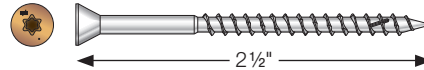
Deck-Drive™ DWP WOOD SS Screw**Trim Head, Painted**

- Painted heads blend with hardwood decking material

Type 305 Stainless Steel

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

T20 6-lobe drive replacement bit model BIT20T-2-R2.

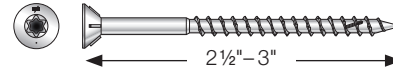



Tan 03

Flat Head, Unpainted, Collated for Quik Drive®**Type 316 Stainless Steel**

Size	Length (in.)	Bit Size	1,000-Count Model No.	1,500-Count Model No.	Quik Drive PRO300S
#10	2½	T25	—	SSDWP212S316	✓
#10	3	T25	SSDWP3S316	—	✓

Uses BITTX25 replacement bit.

**Type 305 Stainless Steel**

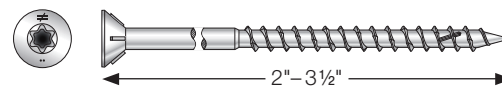
Size	Length (in.)	Bit Size	1,000-Count Model No.	1,500-Count Model No.	Quik Drive PRO300S
#10	2½	T25	—	SSDWP212S305	✓
#10	3	T25	SSDWP3S305	—	✓

Uses BITTX25 replacement bit.

The #10 Deck-Drive DWP Wood SS flat-head screws are deck fasteners that have been tested and evaluated in accordance with ICC-ES acceptance criteria AC233 and are load rated for withdrawal resistance. These screws are a great solution for exterior connections where they will be exposed to high or severe corrosion environments.

Deck-Drive DWP WOOD SS Screw —
Allowable Withdrawal and Pull-Through Loads

Size x L (in.)	Model No.	Thread Length (in.)	Head Diameter (in.)	Allowable Screw Tension (lb.)	Reference Withdrawal, W (lb./in.)		Reference Pull-Through for 1½" Side Member, P (lb.)	
					DFL/SP	SPF/HF	DFL/SP	SPF/HF
#10 x 2	T10200WP S10200WP	1.50	0.34	480	130	100	140	110
#10 x 2½	T10250WP S10250WP	2.00						
#10 x 3	T10300WP S10300WP	2.16						
#10 x 3½	T10350WP S10350WP	2.49						



- The tabulated allowable screw tension value is the tensile strength of the steel screw and may not be multiplied by any adjustment factors.
- The tabulated reference withdrawal design value, W, is in pounds per inch of the thread penetration into the side grain of the main member.
- The tabulated reference pull-through design value, P, is the allowable load for the fastener head pull-through for a minimum 1½" thick side member.

- Tabulated reference withdrawal and pull-through design values, W and P, are shown at a load duration factor, $C_D = 1.0$ and a wet service factor, $C_M = 1.0$. Loads may be increased for load duration per the building code up to a $C_D = 1.6$. Tabulated values must be multiplied by all applicable adjustment factors from the NDS as referenced in the IBC or IRC.
- Embedded thread length is that portion held in the main member including the screw tip.

Strong-Drive® and Deck-Drive™ DWP WOOD SS Screws

Drive structural fasteners with ease!

Timber Drive is a revolutionary tool for stand-up operation while driving large structural screws. It's ideal for heavy-duty jobs that require repetitive fastening, such as decks, docks, boardwalks, piers and flooring, as well as metal straps to wood, engineered wood, or mass timber panels. Drives 3" to 6¾" structural screws, including Strong-Drive DWP Wood SS screws.

Timber Drive™ Structural Screw Fastening System



Structural screw loading tube

- Screw length adjustment (Upper bracket)
- Countersink depth adjustment knob
- For more information visit strongtie.com/timberdrive



With noseplate removed for precision-placement fastening



Model No.	Description
TDPRO625G1	Timber Drive System with case
Accessories/Parts Model No.	Description
DW269QD	DeWalt® 1,000 rpm driver motor with Quik Drive G2 Adapter (recommended for high-torque applications)
DCF624M2G2	DeWalt 2,000 rpm driver motor with Quik Drive G2 Adapter (recommended for low-torque applications)

This product is not endorsed by or affiliated with Stanley Black & Decker, Inc.

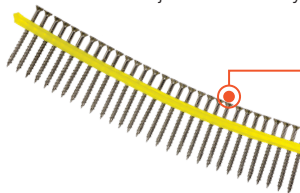
Drive multiple DWP Wood SS screws fast!

Quik Drive® auto-feed screw driving systems are ideal for deck installations, combining the efficiency of stand-up driving with the holding power of screws.



Decking noseclip positions the screw on the deckboard and centers it on the joist for an easy, uniform installation

Nonskid teeth are reversible and replaceable



Collated strip holds screws uniformly



- Drives 1¼"–3" screws
- Adjustable countersink feature

Quik Drive PRO300SG2 Decking System

System Options	Model No.
Cordless DeWalt 2,000 rpm screwdriver motor	PRO300SG2DC2K
Cordless DeWalt 2,000 rpm screwdriver motor w/o batteries	PRO300SG2DCXB2K
DeWalt 2,500 rpm screwdriver motor	PRO300SD25K
Makita® 2,500 rpm screwdriver motor	PRO300SM25K
Makita 3,500 rpm screwdriver motor	PRO300SM35K
Parts	Model No.
Attachment only	QDPRO300SG2
Replacement attachment mandrel	PMANDREL75

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