

**NEW!**

# STRONG-DRIVE® SD SCREW FOR STRUCTURAL CONNECTORS

**A New Screw-Fastening Solution for Simpson Strong-Tie® Connectors**



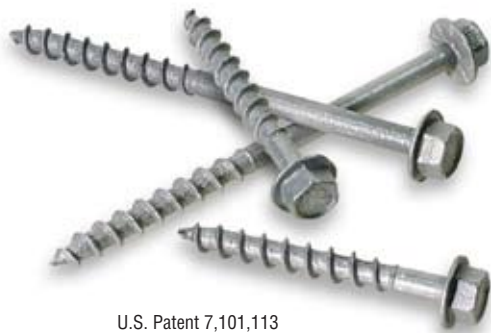
Simpson Strong-Tie introduces the Strong-Drive® SD screw for use with our structural connectors. Designed to replace nails in certain products, the load-rated SD screw has been tested and approved for use in many popular Simpson Strong-Tie® products. In certain applications screws are easier and more convenient to install than nails, and the single-fastener load values achieved by the SD screw exceed those of typical 10d common or 16d common nails, respectively. In addition, the galvanized coating makes the SD screw ideal for both interior and most exterior conditions.

The SD screw features an optimized shank which is specifically designed to match the fastener holes in Simpson Strong-Tie connectors. The hex head virtually eliminates cam-out and helps avoid stripping of the head. The sharp point of the screw enables fast starts, and the serrated threads reduce torque for improved drivability.

## SD SCREW FOR USE WITH SIMPSON STRONG-TIE® CONNECTORS

- Tested and approved for use in many of our best-selling connectors for both interior and most exterior applications\*
- The single-fastener load capacity of the SD9 exceeds the capacity of a 10d common nail, while the single-fastener load capacity of the SD10 exceeds that of the 16d common nail
- Ideal for use in tight spaces where using a hammer is inconvenient
- 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 is compliant with the 2006 and 2009 International Residential Code® (2006 Section R319.3, 2009 Section R317.3.1)

*\*See back for a list of suitable connectors*



U.S. Patent 7,101,113

### SD Series Screw

- 1/4" hex drive
- Patented serrated threads
- Mechanically-galvanized coating
- Sharp point
- Head identification
- Bit included

### Product Information

Model No.	Shank Size	Length (in.)	Quantities	
			Pack	Packs per Carton
SD9112R100	#9	1½	100	10
SD9112R500			500	3
SD9112MB			3000	1
SD9212R100	#9	2½	100	6
SD9212R500			500	2
SD9212MB			2000	1
SD10112R100	#10	1½	100	10
SD10112R500			500	3
SD10112MB			3000	1
SD10212R100	#10	2½	100	6
SD10212R500			500	2
SD10212MB			2000	1

# STRONG-DRIVE® SD SCREW FOR STRUCTURAL CONNECTORS

## Technical Information

Size (in.)	Model No.	Thread Length (in.)	DF/SYP Allowable Loads (lbs)		SPF/HF Allowable Loads (lbs)	
			Shear (100)	Withdrawal (100)	Shear (100)	Withdrawal (100)
			Steel Side Plate 20 ga - 12 ga		Steel Side Plate 20 ga - 12 ga	
#9x1½	SD9112	1	171	144	112	122
#9x2½	SD9212	1	200		112	
#10x1½	SD10112	1	173	144	138	122
#10x2½	SD10212	1	215		165	

1. Withdrawal loads and steel side plate shear loads are based on testing per ICC AC233.
2. Allowable loads are shown at the wood load duration factor of  $C_D = 1.00$ . Loads may be increased for load duration by the building code up to a  $C_D = 1.60$ .
3. Withdrawal loads are based on the entire threaded section installed into the main member.

## Connectors Approved for Use with the SD screw

Model No.	SD9		SD10		Model No.	SD9		SD10		Model No.	SD9		SD10	
	#9x1½"	#9x2½"	#10x1½"	#10x2½"		#9x1½"	#9x2½"	#10x1½"	#10x2½"		#9x1½"	#9x2½"	#10x1½"	#10x2½"
A21	•				L70	•				MSTA9	•			
A23	•				L90	•				MSTC28	•			
A33	•				LCE4				•	MSTC40	•			
A34	•				LPC4	•				MSTC52	•			
A35	•				LSCZ	•				MSTC66	•			
A44	•				LSTA12	•				MSTC78	•			
ABA44	•				LSTA15	•				MSTI26	•			
ABA44R	•				LSTA18	•				MSTI36	•			
ABA46			•		LSTA21	•				MSTI48	•			
ABA66			•		LSTA24	•				MSTI60	•			
ABA66-R			•		LSTA30	•				MSTI72	•			
ABU44			•		LSTA36	•				MTS12	•			
AC4 (Max)			•		LSTA9	•				MTS16	•			
AC6 (Max)			•		LSTI49	•				MTS20	•			
BC4			•		LSTI73	•				NS1	•			
BC40			•		LTP4	•				NS2	•			
BC60			•		LU210 (10d)	•				PC44			•	
BGS2-2/4		•			LU24 (10d)	•				PSPN58Z			•	
DJT14Z				•	LU26 (10d)	•				RR	•			
DPT5Z	•				LU28 (10d)	•				RSP4	•			
DPT7Z	•				LUC210Z (10d)	•				ST12			•	
EPB44PHDG			•		LUC210Z (16d)			•		ST18			•	
FB24	•				LUC26Z (10d)	•				ST2115			•	
FB24R	•				LUC26Z (16d)			•		ST2122			•	
FB26	•				LUS210		•			ST22			•	
FBR24	•				LUS210-2				•	ST292			•	
FPBM44	•				LUS24		•			ST2215			•	
FWH2	•				LUS24-2				•	ST6215			•	
GA1	•				LUS26		•			ST6224			•	
GA2	•				LUS26-2				•	ST6236			•	
H1	•				LUS28		•			ST9			•	
H10	•				LUS28-2				•	TP15	•			
H2.5	•				MST27				•	TP311	•			
H2.5A	•				MST37				•	TP35	•			
H5	•				MST48				•	TP37	•			
H8	•				MST60				•	TP39	•			
HPTZ			•		MST72				•	TP411	•			
HRS12	•				MSTA12	•				TP45	•			
HRS6	•				MSTA15	•				TP47	•			
HRS8	•				MSTA18	•				TP49	•			
HTP37Z	•				MSTA21	•				TPA37	•			
HUS26				•	MSTA24	•				TPA39	•			
HUS28				•	MSTA30	•				TPA57	•			
L30	•				MSTA36	•								
L50	•				MSTA49	•								

Since testing of the SD screw is ongoing, Simpson Strong-Tie will continue to add newly approved connectors to the list. For the most current list of approved connectors, load values and applications visit [www.strongtie.com/sd](http://www.strongtie.com/sd).

This flier is effective until June 30, 2012, and reflects information available as of February 1, 2010. This information is updated periodically and should not be relied upon after June 30, 2012; contact Simpson Strong-Tie for current information and limited warranty or see [www.strongtie.com](http://www.strongtie.com).