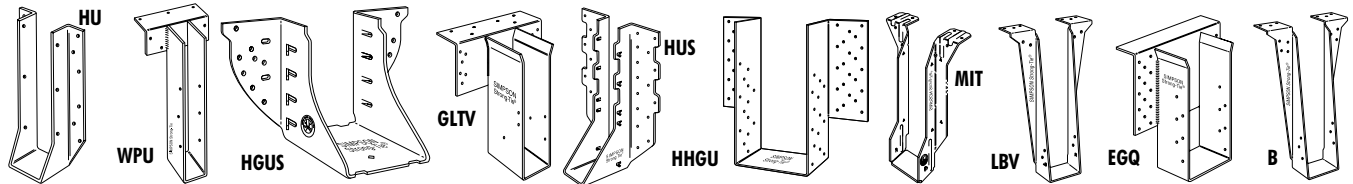


FRAMING CONNECTORS

FACE MOUNT HANGERS

SINGLE PLY – 1 3/4" WIDE			DOUBLE PLY – 3 1/2" WIDE			TRIPLE PLY – 5 1/4" WIDE			QUADRUPLE PLY – 7" WIDE		
Depth	Hanger	Load ¹ (100%)	Depth	Hanger	Load ¹ (100%)	Depth	Hanger	Load ¹ (100%)	Depth	Hanger	Load ¹ (100%)
5 1/2"	HU1.81/5	2380	5 1/2"	HHUS46	2790	5 1/2"	See Simpson Wood Construction Connectors catalog for hanger solution		5 1/2"	See Simpson Wood Construction Connectors catalog for hanger solution	
7 1/4"	HU7	2380	7 1/4"	HHUS48	4210	7 1/4"	HGUS5.50/8	7460	7 1/4"		
9 1/2"	HU9	3570	9 1/2"	HGUS48	7460	9 1/2"	HHUS5.50/10	5635	9 1/2"	HHUS7.25/10	5635
	HUS1.81/10	5135		HHUS410	9100		HGUS5.50/10	9100		HGUS7.25/10	9100
11 1/8"	HU11	4465	11 1/8"	HHUS410	5640	11 1/8"	HHUS5.50/10	5635	11 1/8"	HHUS7.25/10	5635
	HUS1.81/10	5135		HGUS410	9100		HGUS5.50/12	9600		HGUS7.25/12	9600
14"	HU14	5055	14"	HHUS410	5635	14"	HHUS5.50/10	5635	14"	HGUS7.25/14	10100
	HUS1.81/10	5135		HGUS414	10100		HGUS5.50/14	10100		HGU7.25-SDS	14145
16"	HU14	5055	16"	HHUS410	5640	16"	HGUS5.50/14	10100	16"	HGUS7.25/14	10100
	HUS1.81/10	5135		HGUS414	10100		HGU5.50-SDS	14145		HHGU7.25-SDS	17845
18"	HU14	5055	18"	HHUS410	5635	18"	HGUS5.50/14	10100	18"	HGUS7.25/14	10100
	HUS1.81/10	5135		HGUS414	10100		HGU5.50-SDS	14145		HHGU7.25-SDS	17845

1. Fill all round and triangle face holes with 16d common nails, u.o.n. HGU and HHGU use SDS 1/4" x 2 1/2" screws.

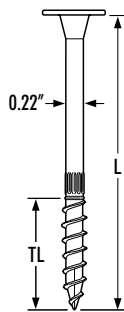
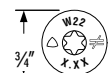


TOP FLANGE HANGERS

SINGLE PLY – 1 3/4" WIDE			DOUBLE PLY – 3 1/2" WIDE			TRIPLE PLY – 5 1/4" WIDE			QUADRUPLE PLY – 7" WIDE		
Depth	Hanger	Load ¹ (100%)	Depth	Hanger	Load ¹ (100%)	Depth	Hanger	Load ¹ (100%)	Depth	Hanger	Load ¹ (100%)
5 1/2"	See Simpson Wood Construction Connectors catalog for hanger solution		5 1/2"	See Simpson Wood Construction Connectors catalog for hanger solution		5 1/2"	See Simpson Wood Construction Connectors catalog for hanger solution		5 1/2"	See Simpson Wood Construction Connectors catalog for hanger solution	
7 1/4"	LBV1.81/7.25	2910	7 1/4"	LBV3.56/7.25	2910	7 1/4"	WPU5.50/7.25	4700	7 1/4"	HWU7.12/7.25	6000
9 1/2"	MIT9.5	2550	9 1/2"	WPU3.56/7.25	4700	9 1/2"	HB5.50/7.25	5815	9 1/2"	HB7.12/9.5	5815
	LBV1.81/9.5	2910		LBV3.56/9.5	2910		HB5.50/9.5	5815		GLTV49.5-2	7500
11 1/8"	MIT11.88	2550	11 1/8"	HB3.56/9.5	5815	11 1/8"	GLTV5.59	7500	11 1/8"	HB7.12/11.88	5815
	BA1.81/11.88	4715		BA3.56/11.88	4715		HB5.50/11.88	5815		GLTV411.88-2	7500
14"	MIT1.81/14	2550	14"	HB3.56/11.88	5815	14"	HGLTV5.511	10500	14"	EGQ7.25-SDS3	19800
	BA1.81/14	4715		BA3.56/14	4715		HB5.50/14	5815		GLTV414-2	7500
16"	MIT1.81/16	2550	16"	GLTV3.514	7500	16"	EGQ5.50-SDS3	19800	16"	EGQ7.25-SDS3	19800
	B1.81/16	4135		BA3.56/16	4715		HB5.50/16	5815		HGLTV416-2	10500
18"	B1.81X	4135	18"	GLTV3.516	7500	18"	EGQ5.50-SDS3	19800	18"	EGQ7.25-SDS3	19800
				HB3.56/18	5815		HGLTV5.518	10500		HGLTV418-2	10500
				HGLTV3.518	10500		EGQ5.50-SDS3	19800		EGQ7.25-SDS3	19800

- Fill all round holes on top and face with 16d common nails, u.o.n. EGQ use SDS 1/4" x 3" screws.
- Loads listed address hanger/header/fastener limitations assuming header material is Douglas-fir-Larch LVL manufactured in the U.S. Joist reaction should be checked by a qualified designer to ensure proper hanger selection.
- HU hangers – fill all round and triangle holes for load values shown.
- Loads shown are gravity (floor) loads. Other load durations may apply, refer to the current version of Wood Construction Connectors for allowable increases.
- Top Flange Hanger configurations and thickness of Top Flange needs to be considered for flush frame conditions.

STRONG-DRIVE® SDW STRUCTURAL WOOD SCREWS



Strong-Drive® SDW Screw

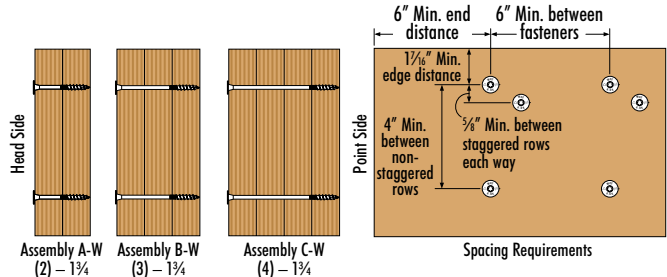
SDW
U.S. Patents
5,897,280;
7,101,133,
patent pending

INSTALLATION

- SDW screws install best with a low-speed 1/2" drill and a T-40 6-lobe bit. The matched bit included with the screws is recommended for best results.
- Screw heads that are countersunk flush to the wood surface are acceptable if the screw has not spun out.
- Individual screw locations may be adjusted up to 3" to avoid conflicts with other hardware or to avoid lumber defects.
- Pre-drilling is typically not required.

SCREW DIMENSIONS

Model No.	Nominal Screw Length (L) (in)	Thread Length (TL) (in)	Head Stamp Length
SDW22338	3 3/8	1 1/8	3.37
SDW22500	5	1 1/8	5.00
SDW22634	6 3/4	1 1/8	6.75



SIDELOADED 1 3/4" MULTI-PLY SCL ASSEMBLIES — ALLOWABLE UNIFORM LOAD APPLIED TO EITHER OUTSIDE MEMBER

Multiple Members	Nominal Screw Length (in)	Loaded Side	Structural Composite Lumber						
			SDW @ 12" o.c.		SDW @ 16" o.c.		SDW @ 24" o.c.		
			2 Rows	3 Rows	2 Rows	3 Rows	2 Rows	3 Rows	
A-W	2-ply SCL	3 3/8	Either	1600	2400	1200	1800	800	1200
B-W	3-ply SCL	5	Head	1200	1800	900	1350	600	900
			Point	900	1350	675	1015	450	675
C-W	4-ply SCL	6 3/4	Head	1065	1600	800	1200	535	800
			Point	800	1200	600	900	400	600

- Each ply is assumed to carry same proportion of load.
- Loads may be applied to the head side and point side concurrently provided neither published allowable load is exceeded. (Example: a 3-ply assembly with a head side load of 1300 plf and point side load of 1000 plf may be fastened together with 3 rows of SDW @ 16" o.c.)
- When hangers are installed on point side, hanger face fasteners must be a minimum of 3" long.
- Tables are based on Main Member Penetration as noted in Single-Fastener Load Tables of the Simpson Strong-Tie Fastening Systems 2014-2015 Catalog C-f-14 (page 302).