STRUCTURAL WOOD SCREWS

PRODUCT FEATURES:

The QuickTie™ Structural Wood Screws are self-drilling screws used for interior and exterior wood framing applications. These are 1/4" diameter screws, available in four different head configurations [Hex Head (SWH), Flat Head (SWF), Fillister Head (SWL) and Truss/Stud (SWT)] and various lengths.

SWH#9 and SWH#10 are wood screws designed to replace nails used in QT connectors and hangers, providing improved allowable gravity and uplift load values. The SWH#9 replaces 10d nails, and the SWH#10 replaces 16d nails.

Woods screws are installed without lead holes, as prescribed in NDS.

MATERIALS:

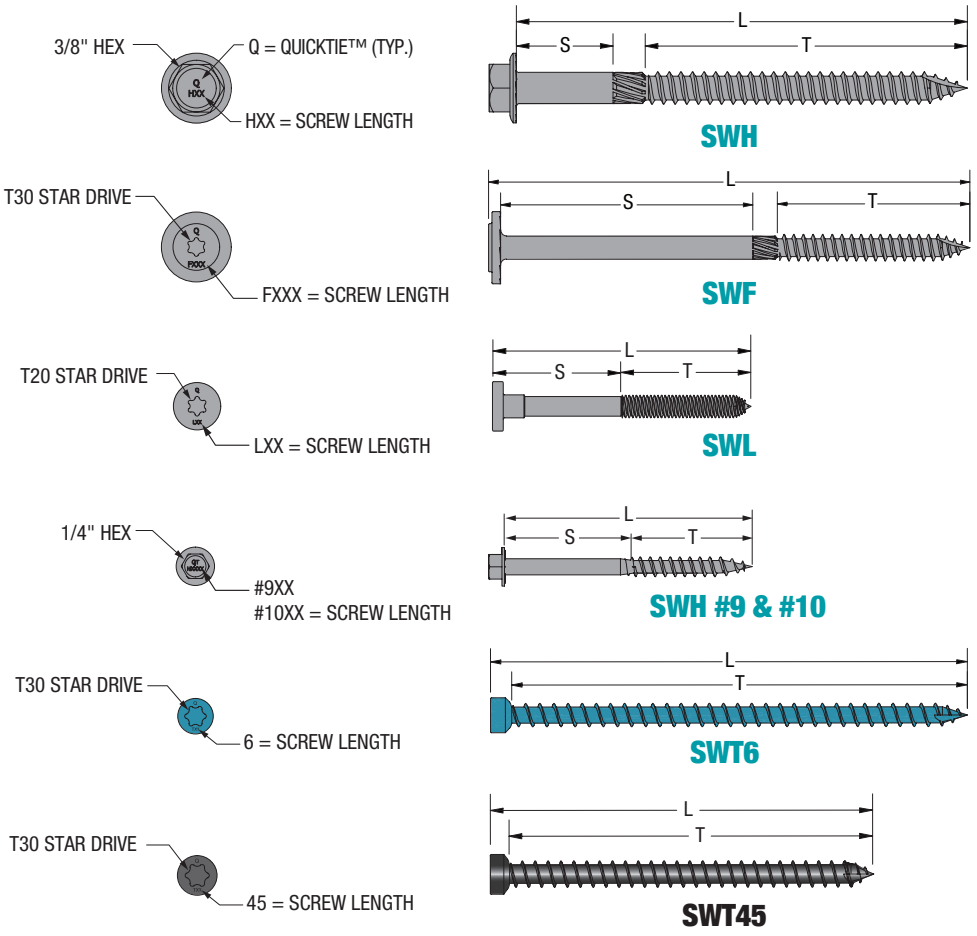
Carbon Steel, Heat Treated

COATING:

Dorken Coating, Truss screw has an additional teal (SWT6) or black (SWT45) top coat

CODE COMPLIANCE:

TER 0910-01, FL 3557



WOOD SCREWS SPECIFICATIONS[1,2]

FASTENER TYPE	PART NUMBER	PART DESCRIPTION	LENGTHS (in.)			DIAMETER (in.)				Nominal Bending Yield, F_{yb} (psi)	ALLOWABLE FASTENER	
			TOTAL	SHANK, S	THREAD, T	HEAD	MAJOR	SHANK	MINOR		Tension	Shear
SWH (HEX HEAD)	SWH15	1/4" x 1-1/2"	1-1/2"	1/4"	1-1/4"	0.540	0.254	0.241	0.185	168,000	1,435	985
	SWH2	1/4" x 2"	2"	1/4"	1-3/4"							
	SWH25	1/4" x 2-1/2"	2-1/2"	1/4"	2-1/4"							
	SWH3	1/4" x 3"	3"	3/4"								
	SWH35	1/4" x 3-1/2"	3-1/2"	3/4"	2-3/4"							
	SWH45	1/4" x 4-1/2"	4-1/2"	1-1/4"	3-1/4"							
	SWH5	1/4" x 5"	5"	1-3/4"								
	SWH6	1/4" x 6"	6"	1-3/4"	4-1/4"							
	SWH8	1/4" x 8"	8"	4-3/4"	3-1/4"							
SWH #9 & #10* (HEX HEAD)	SWH915	#9 x 1-1/2"	1-1/2"	5/16"	1-13/64"	0.378	0.177	0.132	0.113	190,000	555	445
	SWH925	#9 x 2-1/2"	2-1/2"	1-5/16"								
	SWH1015	#10 x 1-1/2"	1-1/2"	3/8"			0.200	0.161	0.126			
	SWH1025	#10 x 2-1/2"	2-1/2"	1-3/8"								
SWF (FLAT HEAD)	SWF278	1/4" x 2-7/8"	2-7/8"	5/8"	2-1/4"	0.750	0.280	0.241	0.185	175,000	1,645	1,145
	SWF338	1/4" x 3-3/8"	3-3/8"	1-1/8"								
	SWF358	1/4" x 3-5/8"	3-5/8"	1-3/8"								
	SWF45	1/4" x 4-1/2"	4-1/2"	2-1/4"								
	SWF5	1/4" x 5"	5"	2-3/4"								
	SWF6	1/4" x 6"	6"	3-3/4"								
	SWF638	1/4" x 6-3/8"	6-3/8"	4-1/8"								
	SWF634	1/4" x 6-3/4"	6-3/4"	4-1/2"								
	SWF8	1/4" x 8"	8"	5-3/4"								
SWL (FILLISTER HEAD)	SWL15	9 x 1-3/8"	1-3/8"	1/4"	1-1/8"	0.365	0.170	-	0.109	160,000	465	385
	SWL3	9 x 2-7/8"	2-7/8"	1-3/8"	1-1/2"							
SWT (TRUSS/STUD)	SWT45	0.15" x 4-1/2"	4-1/2"	-	4-5/16"	0.330	0.235	-	0.160	190,000	1,160	820
	SWT6	0.15" x 6"	6"	-	5-13/16"							

NOTES:

1. SWF and SWT fastener length is measured from the top side of the head to the tip. SWH and SWL fastener length is measured from the underside of the head to the tip.
2. Thread length excludes the knurl on SWH and SWF. SWL and SWT do not contain a knurl.

*Call QT for code approval information.