

# HEX HEAD STRUCTURAL WOOD SCREW

FOR DECK LEDGERS AND OTHER WOOD-TO-WOOD CONNECTIONS

MiTek® PRO  
SERIES



The MiTek® ProSeries™ Hex Head is ideal for numerous framing applications. It can be used in wood-to-wood and metal-to-wood applications.

- 1/4" diameter
- No predrilling
- Comparable to 1/2" lag screw
- Low profile head style can be driven flush or countersunk
- Sharp cut-point reduces installation torque and splitting
- 3/8" hex drive
- Length identification stamps on all WS Heads



Code Reports: ICC-ES #2761, FL 17231.1, LA City RR 25850

# HEX HEAD STRUCTURAL WOOD SCREW



MiTek® PRO SERIES

## LOAD TABLE

Size (in)	USP Stock No.	Ref. No.	Dimensions (in)				Finish <sup>1</sup>	DF/SP Allowable Loads (Lbs.) <sup>2,4,5</sup>					
			L	SH	T	Shear (100%)				Withdrawal Capacity (Lbs./in. of thread)	Steel to Wood Withdrawal Capacity (Lbs.) <sup>6</sup>		
						Steel to Wood <sup>6</sup>							
						Gauge							
						Wood to Wood <sup>3</sup>	14	10	7	3	100%	100%	
1/4 x 1-1/2	WS15-EXT	SDS25112	1-1/2	1/4	1-1/4	EXT	--	230	261	259	266	164	206
1/4 x 2	WS2-EXT	SDS25200	2	1/4	1-3/4	EXT	--	306	307	289	316	160	281
1/4 x 2-1/2	WS25-EXT	SDS25212	2-1/2	1/4	2	EXT	--	362	352	338	369	199	398
1/4 x 3	WS3-EXT	SDS25300	3	3/4	2	EXT	268	418	396	387	457	199	398
1/4 x 3-1/2	WS35-EXT	SDS25312	3-1/2	3/4	2-1/2	EXT	268	451	460	454	481	208	520
1/4 x 4-1/2	WS45-EXT	SDS25412	4-1/2	1-1/4	3	EXT	415	516	588	589	531	214	642
1/4 x 5	WS5-EXT	SDS2500	5	1-3/4	3	EXT	415	516	588	589	531	214	642
1/4 x 6	WS6-EXT	SDS25600	6	1-3/4	4	EXT	415	516	588	589	531	214	642
1/4 x 8	WS8-EXT	SDS25800	8	4-3/4	3	EXT	415	516	588	589	531	214	642

Size (in)	USP Stock No.	Ref. No.	Dimensions (in)				Finish <sup>1</sup>	S-P-F Allowable Loads (Lbs.) <sup>2,4,5</sup>					
			L	SH	T	Shear (100%)				Withdrawal Capacity (Lbs./in. of thread)	Steel to Wood Withdrawal Capacity (Lbs.) <sup>6</sup>		
						Steel to Wood <sup>6</sup>							
						Gauge							
						Wood to Wood <sup>3</sup>	14	10	7	3	100%	100%	
1/4 x 1-1/2	WS15-EXT	SDS25112	1-1/2	1/4	1-1/4	EXT	--	188	211	190	217	103	129
1/4 x 2	WS2-EXT	SDS25200	2	1/4	1-3/4	EXT	--	215	244	249	248	117	204
1/4 x 2-1/2	WS25-EXT	SDS25212	2-1/2	1/4	2	EXT	--	256	292	286	294	141	281
1/4 x 3	WS3-EXT	SDS25300	3	3/4	2	EXT	227	297	340	322	365	141	281
1/4 x 3-1/2	WS35-EXT	SDS25312	3-1/2	3/4	2-1/2	EXT	227	338	380	356	370	154	385
1/4 x 4-1/2	WS45-EXT	SDS25412	4-1/2	1-1/4	3	EXT	364	421	460	425	379	163	489
1/4 x 5	WS5-EXT	SDS2500	5	1-3/4	3	EXT	364	421	460	425	379	163	489
1/4 x 6	WS6-EXT	SDS25600	6	1-3/4	4	EXT	364	421	460	425	379	163	489
1/4 x 8	WS8-EXT	SDS25800	8	4-3/4	3	EXT	364	421	460	425	379	163	489

- 1) EXT = Exterior Coat
- 2) Allowable shear loads assume a side plate tensile strength of 45 ksi for 14 gauge and 10 gauge, 52 ksi for 7 gauge and 58 ksi for 3 gauge.
- 3) Shear loads for wood-to-wood connections assume a side member thickness of 1-1/2".
- 4) Loads are for 100% duration of load factors, and may be increased for other duration factors in accordance with the NDS.
- 5) Loads are for shear applications when used as described in this catalog. Please contact MiTek for applications and installations involving tension forces.
- 6) Withdrawal loads for steel-to-wood connections assume a side plate thickness of 1/4" or less.

CUSTOMER SERVICE:  
**1-800-328-5934**  
**MiTek-US.com**



## PACKAGING TABLE

Finish	Use	Size (in)	Retail Box Offering		50-count Pack		Mini Bulk Offering	
			USP Stock No.	Box/Ctn Qty	USP Stock No.	Box/Ctn Qty	USP Stock No.	Box/Ctn Qty
Exterior Coat (EXT)	Exterior for Deck Ledgers & other wood-to-wood connections	1/4 x 1-1/2	WS15-EXTR25	10-pack/25-ea	--	--	WS15-EXTMB	2-box/200-ea
		1/4 x 2	WS2-EXTR25	10-pack/25-ea	--	--	WS2-EXTMB	2-box/200-ea
		1/4 x 2-1/2	WS25-EXTR25	10-pack/25-ea	--	--	WS25-EXTMB	2-box/200-ea
		1/4 x 3	WS3-EXTR25	10-pack/25-ea	WS3-EXTR50	5-box/50-ea	WS3-EXTMB	200-ea
		1/4 x 3-1/2	WS35-EXTR12	10-pack/12-ea	WS35-EXTR50	5-box/50-ea	WS35-EXTMB	200-ea
		1/4 x 4-1/2	WS45-EXTR12	10-pack/12-ea	WS45-EXTR50	5-box/50-ea	WS45-EXTMB	200-ea
		1/4 x 5	WS5-EXTR12	10-pack/12-ea	WS5-EXTR50	5-box/50-ea	WS5-EXTMB	200-ea
		1/4 x 6	WS6-EXTR12	10-pack/12-ea	WS6-EXTR50	5-box/50-ea	WS6-EXTMB	200-ea
		1/4 x 8	WS8-EXTR12	10-pack/12-ea	WS8-EXTR50	5-box/50-ea	WS8-EXTMB	200-ea