

# HEX HEAD STRUCTURAL WOOD SCREW

FOR DECK LEDGERS AND OTHER  
WOOD-TO-WOOD CONNECTIONS



The MiTek® Pro Series Hex Head is ideal for numerous framing applications including wood-to-wood and metal-to-wood connections. The Hex Head is listed under ICC-ES ESR-2761 and is code complaint to the 2015 IBC/IRC. A technical bulletin for Deck Ledger attachment is available under resources at: [USPconnectors.com](http://USPconnectors.com)

**Code Reports:** ICC-ES ESR-2761, FL 17231, LA City RR 25850

## Features and Benefits:

- 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 heads



**MiTek® PRO  
SERIES**  
CUSTOMER SERVICE: 1-800-328-5934

# WS

## STRUCTURAL WOOD SCREW

# MiTek<sup>®</sup> 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	SDS25112	1-1/2	1/4	1-1/4	EXT	--	230	261	259	266	164	206
1/4 x 2	WS2	SDS25200	2	1/4	1-3/4	EXT	--	306	307	289	316	160	281
1/4 x 2-1/2	WS25	SDS25212	2-1/2	1/4	2	EXT	--	362	352	338	369	199	398
1/4 x 3	WS3	SDS25300	3	3/4	2	EXT	268	418	396	387	457	199	398
1/4 x 3-1/2	WS35	SDS25312	3-1/2	3/4	2-1/2	EXT	268	451	460	454	481	208	520
1/4 x 4-1/2	WS45	SDS25412	4-1/2	1-1/4	3	EXT	415	516	588	589	531	214	642
1/4 x 5	WS5	SDS2500	5	1-3/4	3	EXT	415	516	588	589	531	214	642
1/4 x 6	WS6	SDS25600	6	1-3/4	4	EXT	415	516	588	589	531	214	642
1/4 x 8	WS8	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	SDS25112	1-1/2	1/4	1-1/4	EXT	--	188	211	190	217	103	129
1/4 x 2	WS2	SDS25200	2	1/4	1-3/4	EXT	--	215	244	249	248	117	204
1/4 x 2-1/2	WS25	SDS25212	2-1/2	1/4	2	EXT	--	256	292	286	294	141	281
1/4 x 3	WS3	SDS25300	3	3/4	2	EXT	227	297	340	322	365	141	281
1/4 x 3-1/2	WS35	SDS25312	3-1/2	3/4	2-1/2	EXT	227	338	380	356	370	154	385
1/4 x 4-1/2	WS45	SDS25412	4-1/2	1-1/4	3	EXT	364	421	460	425	379	163	489
1/4 x 5	WS5	SDS2500	5	1-3/4	3	EXT	364	421	460	425	379	163	489
1/4 x 6	WS6	SDS25600	6	1-3/4	4	EXT	364	421	460	425	379	163	489
1/4 x 8	WS8	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.

New products or updated product information are designated in **blue font**.



### PACKAGING TABLE

Finish	Use	Size (in)	Retail Box Offering		50-count Pack		Mini Bulk Offering		Bulk Offering	
			USP Stock No.	Box/Ctn Qty	USP Stock No.	Box/Ctn Qty	USP Stock No.	Box/Ctn Qty	USP Stock No.	Box Qty
Exterior Coat (EXT)	Exterior	1/4 x 1-1/2	WS15-EXTR25	10-pack/25-ea	--	--	WS15-EXTMB	2-box/200-ea	WS15-EXTBP	1500-ea
		1/4 x 2	WS2-EXTR25	10-pack/25-ea	--	--	WS2-EXTMB	2-box/200-ea	WS2-EXTBP	1300-ea
		1/4 x 2-1/2	WS25-EXTR25	10-pack/25-ea	--	--	WS25-EXTMB	2-box/200-ea	WS25-EXTBP	1100-ea
		1/4 x 3	WS3-EXTR25	10-pack/25-ea	WS3-EXTR50	5-box/50-ea	WS3-EXTMB	2-box/200-ea	WS3-EXTBP	950-ea
		1/4 x 3-1/2	WS35-EXTR10	10-pack/12-ea	WS35-EXTR50	5-box/50-ea	WS35-EXTMB	2-box/200-ea	WS35-EXTBP	900-ea
		1/4 x 4-1/2	WS45-EXTR10	10-pack/12-ea	WS45-EXTR50	5-box/50-ea	WS45-EXTMB	2-box/200-ea	WS45-EXTBP	800-ea
		1/4 x 5	WS5-EXTR10	10-pack/12-ea	WS5-EXTR50	5-box/50-ea	WS5-EXTMB	2-box/200-ea	WS5-EXTBP	600-ea
		1/4 x 6	WS6-EXTR10	10-pack/12-ea	WS6-EXTR50	5-box/50-ea	WS6-EXTMB	2-box/200-ea	WS6-EXTBP	500-ea
		1/4 x 8	WS8-EXTR10	10-pack/12-ea	WS8-EXTR50	5-box/50-ea	WS8-EXTMB	2-box/200-ea	--	--

# MiTek<sup>®</sup>

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