

Size (in)	MiTek Stock No.	Ref. No.	Dimensions (in)			Finish ¹	DF/SP Allowable Loads (Lbs.) ^{2,4,5}						
			L	SH	T		Shear (100%)				Withdrawal Capacity (Lbs/in. of thread)	Steel to Wood Withdrawal Capacity (Lbs.) ⁵	
							Wood-to-Wood ³	Steel-to-Wood					
								Gauge					
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	398	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)	MiTek Stock No.	Ref. No.	Dimensions (in)			Finish ¹	S-P-F Allowable Loads (Lbs.) ^{2,4,5}						
			L	SH	T		Shear (100%)				Withdrawal Capacity (Lbs/in. of thread)	Steel to Wood Withdrawal Capacity (Lbs.) ⁵	
							Wood-to-Wood ³	Steel-to-Wood					
								Gauge					
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	311	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) Withdrawal loads for steel-to-wood connections assume a side plate thickness of 1/4" or less.