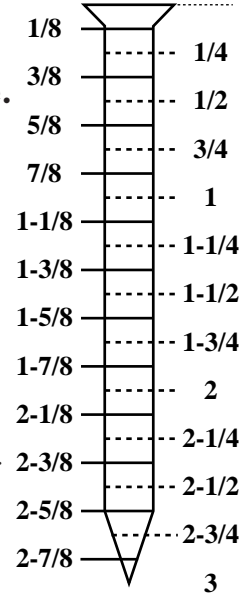
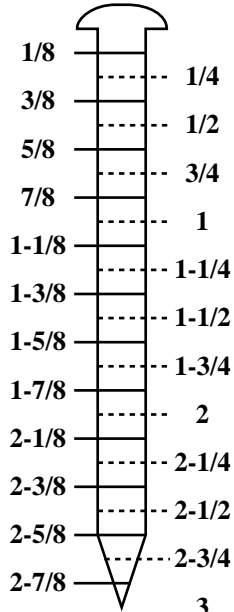




# Wood Screws General Information

- Sharp, leader points for easy entry.
- Sharp, hardened threads.
- Deep, twist resistant slots.
- Greater resistance to snapping and breakage.
- Made of zinc plated steel to prevent corrosion.



When using screws to join wood, it is necessary to bore pilot holes, especially in hardwoods. Pilot holes make it easier to drive the screws and reduce the chance of damaging either the screws or the wood.

Bore the holes large enough so that they freely accommodate the screw shank in the first piece of wood. In the second piece of wood bore the holes slightly smaller than the thread diameters to a depth of half the length of the threaded portion. The screw length should be at least 1/8" less than the combined measurement of the joined material.

## Wood Screw Hole Size Recommendations

Screw Size	Pilot Holes		Shank Clearance Holes		Counter-sink		
	HARD Woods Twist Drill	SOFT Woods Drill Ga. No. <sup>2</sup>	HARD Woods Twist Drill	SOFT Woods Drill Ga. No. <sup>2</sup>	Auger Bit Ga. No. <sup>2</sup>	Bit No. <sup>3</sup>	
0	1/32	66	1/64	75	1/16	52	..
1	....	57	1/32	71	5/64	47	..
2	....	54	1/32	65	3/32	42	3
3	1/16	53	3/64	58	7/64	37	4
4	1/16	53	3/64	58	7/64	37	4
5	5/64	47	1/16	53	1/8	30	4
6	....	44	1/16	52	9/64	27	5
7	....	39	1/16	51	5/32	22	5
8	7/64	35	5/64	48	11/64	18	6
9	7/64	33	5/64	45	3/16	14	6
10	1/8	31	3/32	43	3/16	10	6
11	....	29	3/32	40	13/64	4	7
12	....	25	7/64	38	7/32	2	7
14	3/16	14	7/64	32	1/4	D	8
16	....	10	9/64	29	17/64	I	9
18	13/64	6	9/64	26	19/64	N	10
20	7/32	3	11/64	19	21/64	P	11
24	1/4	D	3/16	15	3/8	V	12

<sup>1</sup>Nearest size in fractions of an inch.  
<sup>2</sup>To be used for maximum holding power.  
<sup>3</sup>To counterbore for sinking head (by 16ths).

**W  
O  
O  
D  
  
S  
C  
R  
E  
W  
S**

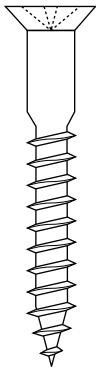


# IBS, INCORPORATED

## Wood Screws

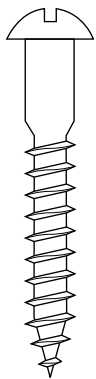
WOOD SCREWS

### PHILLIPS FLAT HEAD (F03)



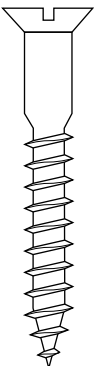
Length	Diameter						
	#4	#5	#6	#8	#10	#12	#14
1/2			8797*	8811*			
5/8			8798*	8812*	8828*		
3/4	8789*	9794*	8799*	8813*	8829*	8845*	
1	8790*	8796*	8801*	8815*	8831*	8846	
1-1/4			8802*	8816	8832	8847	8860
1-1/2			8803*	8817	8833	8848	8861
1-3/4				8818	8834		
2			8805	8819	8835	8850	8863
2-1/2				8821	8837	8851	8864
3				8823	8839	8852	8865

### SLOTTED ROUND HEAD (F02)



Length	Diameter						
	#4	#5	#6	#8	#10	#12	#14
1/2			8700*				
5/8				8722*	8748*		
3/4			8702*	8723*	8749*		
1			8704*	8725*	8751*	8765	8776
1-1/4			8705	8726	8752	8766	
1-1/2			8706	8727	8753		
1-3/4				8728	8754		
2			8708	8729	8755	8769	8780
2-1/2							
3							

### SLOTTED FLAT HEAD (F01)



Length	Diameter						
	#4	#5	#6	#8	#10	#12	#14
1/2			8539*	8565*	8597*		
5/8				8566*			
3/4	8521*	8531*	8541*	8567*	8599*	8615*	
1	8523*	8533*	8543*	8569*	8601*	8617	
1-1/4					8602	8618	
1-1/2			8545	8571		8619	
1-3/4							
2							
2-1/2			8549				
3					8625		

Screws Sold in Packages of 100

\* Screws Sold in Packages