



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		Soft Woods		Shank Clearance Holes		Countersink
	Twist Drill	Drill GA No. ²	Twist Bit ¹	Drill GA No. ²	Twist Bit ¹	Drill GA No. ²	Auger Bit No. ³
0	1/32	66	1/64	75	1/16	52	—
1	—	57	1/32	71	5/16	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

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

WOOD SCREWS





IBS, INCORPORATED

Wood Screws

PHILLIPS FLAT HEAD (F03)



Length	Diameter						
	#4	#5	#6	#8	#10	#12	#14
1/2			8797	8811			
5/8			8798	8812			
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

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