



Screw Diameters

Screw Size	Shank Diameter	
	mm	Nearest Fractional Measurement
1G	1.85	5/64
2G	2.18	3/32
3G	2.51	7/64
4G	2.84	7/64
5G	3.18	1/8
6G	3.51	9/64
7G	3.84	5/32
8G	4.17	5/32
9G	4.50	11/64
10G	4.83	3/16
11G	5.16	13/64
12G	5.49	7/32
14G	6.15	1/4
16G	6.81	17/64
18G	7.47	19/64
20G	8.13	5/16

Bold text indicates popular size screws diameters. Shank Diameter in mm rounded to 2 decimal places

Screw Diameters Pilot Holes

Screw Size	Hard Wood	Soft Wood	Countersunk Size
2G	1/16	1/16	1/4
3G	5/64	1/16	1/4
4G	5/64	1/16	1/4
5G	3/32	5/64	5/16
6G	7/64	3/32	5/16
7G	7/64	3/32	5/16
8G	1/8	7/64	3/8
9G	9/64	1/8	3/8
10G	9/64	1/8	7/16
12G	5/32	9/64	7/16
14G	11/64	5/32	1/2
16G	3/16	11/64	9/16
18G	7/32	13/64	5/8
20G	15/64	7/32	3/4
24G	17/64	1/4	3/4