



Pullout Capacity (Lbs. per In. Thread Depth)						
Wood Type	Specific Gravity	1/4 In. Diam.	5/16 In. Diam.	3/8 In. Diam.	7/16 In. Diam.	1/2 In. Diam.
Southern Pine	0.55	260	307	352	395	437
Douglas Fir, Larch	0.50	225	266	305	342	378
Lodgepole Pine	0.46	199	235	269	302	334
Redwood (Close Grain)	0.43	179	212	243	273	302
Spruce	0.42	173	205	235	264	291

Source: American Wood Council

Notes: Side-grain penetration; thread depth does not include tapered tip or the threadless portion of the screw shank. Table values include a 1.6 safety factor.

- Notes:
1. Building code: International Building Code (IBC) 2018, and California Building Code (CBC) 2019.



**FLASHLAG**