HOORVIA ? SCREW PILOT HOLE SIZES

Quick Reference Cheat Sheet · US Letter & A4 Printable

Crafting & DIY · Sheet #262

Nominal Lumber Dimension	Actual Finished Dimension (Surfaced S4S)	Standard Screw Size / Gauge	Pilot Hole Drill Bit Size	Common Structural Application
1 x 2 Board	3/4" x 1-1/2" (19 x 38 mm)	#6 Wood Screw	7/64" (Softwood) / 1/8" (Hardwood)	Picture frames, face frames, light trim
1 x 4 Board	3/4" x 3-1/2" (19 x 89 mm)	#8 Wood Screw	1/8" (Softwood) / 9/64" (Hardwood)	Baseboards, drawer boxes, shelving cleats
2 x 4 Stud	1-1/2" x 3-1/2" (38 x 89 mm)	#10 Construction Screw / 3" 16d Nail	5/32" Pilot Bit	Standard interior wall framing, workbenches, trusses
2 x 6 Joist	1-1/2" x 5-1/2" (38 x 140 mm)	#10 / #12 Timber Screw	11/64" Pilot Bit	Floor joists, exterior deck frames, roof rafters
4 x 4 Post	3-1/2" x 3-1/2" (89 x 89 mm)	1/2" Galvanized Carriage Bolt	1/2" Auger Bit	Deck corner posts, pergola uprights, fence posts