

# 199

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1. 50 penny nail penetrate a  $1\frac{1}{4}$ " dry rafter?
2. 15  $\frac{1}{2}$  box gauge nail penetrate a  $\frac{3}{8}$ " dry rafter?
3. 20 penny nail penetrate a  $2\frac{1}{2}$ " dry beam?
4. 9 box gauge nail penetrate a  $1\frac{1}{2}$ " dry joist?
5. 14 common gauge nail penetrate a  $2\frac{1}{2}$ " green timber?
6. 8 box gauge nail penetrate a  $\frac{3}{8}$ " green plank?
7. 8 box gauge nail penetrate a  $4\frac{1}{2}$ " dry pole?
8. 14  $\frac{1}{2}$  box gauge nail penetrate a  $1\frac{1}{2}$ " dry timber?
9. 20 penny nail penetrate a  $1\frac{1}{4}$ " green mast?
10. 10  $\frac{1}{4}$  common gauge nail penetrate a  $\frac{5}{8}$ " dry pole?
11. 60 penny nail penetrate a  $1\frac{1}{4}$ " green plank?
12. 12 penny nail penetrate a  $\frac{5}{8}$ " dry joist?
13. 9 box gauge nail penetrate a  $\frac{1}{2}$ " dry pole?
14. 8 box gauge nail penetrate a  $\frac{3}{4}$ " dry rafter?
15. 9 penny nail penetrate a  $\frac{5}{8}$ " green frame?
16. 6 common gauge nail penetrate a  $3\frac{1}{2}$ " green beam?

1. clearance hole for a 11 gauge screw?
2. pilot hole for a 6 gauge screw?
3. pilot hole for a 7 gauge screw?
4. countersink hole for a 2 gauge screw?
5. clearance hole for a 6 gauge screw?
6. countersink hole for a 5 gauge screw?
7. clearance hole for a 9 gauge screw?
8. pilot hole for a 11 gauge screw?
9. clearance hole for a 12 gauge screw?
10. countersink hole for a 5 gauge screw?
11. clearance hole for a 16 gauge screw?
12. pilot hole for a 16 gauge screw?
13. clearance hole for a 7 gauge screw?
14. countersink hole for a 4 gauge screw?
15. clearance hole for a 6 gauge screw?
16. pilot hole for a 4 gauge screw?