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

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