

1. 3 penny nail penetrate a 1 ½" green mast?
2. 8 common gauge nail penetrate a 3 ½" dry pole?
3. 8 penny nail penetrate a 3" green beam?
4. 16 penny nail penetrate a 4" green joist?
5. 16 penny nail penetrate a 1" green timber?
6. 60 penny nail penetrate a 4" dry board?
7. 2 common gauge nail penetrate a 1" green mast?
8. 10 ¼ common gauge nail penetrate a ¾" dry joist?
9. 2 common gauge nail penetrate a 2 ½" green frame?
10. 40 penny nail penetrate a 2" green rafter?
11. 2 common gauge nail penetrate a ¾" dry beam?
12. 11 ½ common gauge nail penetrate a ¾" dry joist?
13. 6 common gauge nail penetrate a 2" green girder?
14. 8 box gauge nail penetrate a 1" dry pole?
15. 9 common gauge nail penetrate a 5/8" dry rafter?
16. 30 penny nail penetrate a ¾" green rafter?

1. clearance hole for a 8 gauge screw?
2. clearance hole for a 3 gauge screw?
3. clearance hole for a 7 gauge screw?
4. clearance hole for a 2 gauge screw?
5. countersink hole for a 1 gauge screw?
6. clearance hole for a 12 gauge screw?
7. countersink hole for a 3 gauge screw?
8. clearance hole for a 20 gauge screw?
9. pilot hole for a 16 gauge screw?
10. clearance hole for a 24 gauge screw?
11. pilot hole for a 8 gauge screw?
12. clearance hole for a 9 gauge screw?
13. countersink hole for a 3 gauge screw?
14. clearance hole for a 24 gauge screw?
15. clearance hole for a 18 gauge screw?
16. pilot hole for a 10 gauge screw?

1. 3 penny nail penetrate a 1 ½" green joist?
2. 10 ½ box gauge nail penetrate a ½" dry dimension?
3. 14 box gauge nail penetrate a 3 ½" dry plank?
4. 9 penny nail penetrate a 1 ½" green plank?
5. 2 penny nail penetrate a 3" dry pole?
6. 10 ½ box gauge nail penetrate a 3 ½" green frame?
7. 12 ½ box gauge nail penetrate a 3 ½" green mast?
8. 5 common gauge nail penetrate a 2" green rafter?
9. 12 ½ box gauge nail penetrate a 1 ½" dry plank?
10. 4 common gauge nail penetrate a 3/8" dry plank?
11. 9 penny nail penetrate a 2" dry rafter?
12. 40 penny nail penetrate a 1 ¼" dry mast?
13. 4 common gauge nail penetrate a 3/8" dry timber?
14. 14 box gauge nail penetrate a 3/4" green plank?
15. 3 penny nail penetrate a 5/8" dry dimension?
16. 30 penny nail penetrate a ½" green plank?

1. clearance hole for a 1 gauge screw?
2. pilot hole for a 24 gauge screw?
3. clearance hole for a 12 gauge screw?
4. countersink hole for a 14 gauge screw?
5. pilot hole for a 9 gauge screw?
6. countersink hole for a 18 gauge screw?
7. clearance hole for a 24 gauge screw?
8. pilot hole for a 4 gauge screw?
9. clearance hole for a 16 gauge screw?
10. pilot hole for a 3 gauge screw?
11. countersink hole for a 20 gauge screw?
12. clearance hole for a 14 gauge screw?
13. pilot hole for a 7 gauge screw?
14. countersink hole for a 12 gauge screw?
15. clearance hole for a 18 gauge screw?
16. countersink hole for a 24 gauge screw?

143

1. 12 penny nail penetrate a 1 $\frac{1}{4}$ " green girder?
2. 14 box gauge nail penetrate a 4 $\frac{1}{2}$ " green girder?
3. 6 common gauge nail penetrate a $\frac{3}{4}$ " green pole?
4. 9 box gauge nail penetrate a 1" dry mast?
5. 10 penny nail penetrate a $\frac{5}{8}$ " green girder?
6. 14 $\frac{1}{2}$ box gauge nail penetrate a 2 $\frac{1}{2}$ " dry board?
7. 14 common gauge nail penetrate a 2 $\frac{1}{2}$ " dry plank?
8. 3 common gauge nail penetrate a $\frac{1}{2}$ " dry joist?
9. 40 penny nail penetrate a $\frac{5}{8}$ " dry joist?
10. 5 common gauge nail penetrate a 2" green rafter?
11. 9 penny nail penetrate a 1 $\frac{1}{4}$ " green dimension?
12. 3 penny nail penetrate a 4" green joist?
13. 10 $\frac{1}{2}$ box gauge nail penetrate a 1" dry joist?
14. 14 common gauge nail penetrate a 3" dry board?
15. 10 $\frac{1}{2}$ box gauge nail penetrate a 2" green timber?
16. 20 penny nail penetrate a 4 $\frac{1}{2}$ " green mast?

1. countersink hole for a 8 gauge screw?
2. pilot hole for a 3 gauge screw?
3. clearance hole for a 16 gauge screw?
4. clearance hole for a 9 gauge screw?
5. pilot hole for a 20 gauge screw?
6. clearance hole for a 6 gauge screw?
7. pilot hole for a 4 gauge screw?
8. pilot hole for a 10 gauge screw?
9. pilot hole for a 1 gauge screw?
10. countersink hole for a 3 gauge screw?
11. pilot hole for a 6 gauge screw?
12. pilot hole for a 11 gauge screw?
13. clearance hole for a 16 gauge screw?
14. clearance hole for a 24 gauge screw?
15. countersink hole for a 16 gauge screw?
16. pilot hole for a 12 gauge screw?

1. 7 penny nail penetrate a $\frac{1}{2}$ " dry mast?
2. 11 $\frac{1}{2}$ common gauge nail penetrate a 1 $\frac{1}{2}$ " green frame?
3. 2 penny nail penetrate a 4 $\frac{1}{2}$ " dry board?
4. 8 box gauge nail penetrate a 1 $\frac{1}{2}$ " green pole?
5. 8 box gauge nail penetrate a $\frac{3}{8}$ " dry rafter?
6. 6 common gauge nail penetrate a $\frac{5}{8}$ " green timber?
7. 11 $\frac{1}{2}$ box gauge nail penetrate a $\frac{5}{8}$ " green beam?
8. 40 penny nail penetrate a $\frac{5}{8}$ " dry timber?
9. 8 box gauge nail penetrate a 2 $\frac{1}{2}$ " dry plank?
10. 9 penny nail penetrate a 4 $\frac{1}{2}$ " green frame?
11. 20 penny nail penetrate a 1 $\frac{1}{4}$ " dry dimension?
12. 8 common gauge nail penetrate a 2 $\frac{1}{2}$ " dry beam?
13. 12 $\frac{1}{2}$ common gauge nail penetrate a 2 $\frac{1}{2}$ " dry board?
14. 9 penny nail penetrate a $\frac{1}{2}$ " green beam?
15. 10 penny nail penetrate a 2" green joist?
16. 9 box gauge nail penetrate a 1 $\frac{1}{2}$ " dry board?

1. countersink hole for a 18 gauge screw?
2. countersink hole for a 20 gauge screw?
3. pilot hole for a 9 gauge screw?
4. countersink hole for a 7 gauge screw?
5. countersink hole for a 6 gauge screw?
6. pilot hole for a 3 gauge screw?
7. countersink hole for a 8 gauge screw?
8. pilot hole for a 4 gauge screw?
9. pilot hole for a 16 gauge screw?
10. pilot hole for a 11 gauge screw?
11. clearance hole for a 4 gauge screw?
12. pilot hole for a 18 gauge screw?
13. pilot hole for a 16 gauge screw?
14. clearance hole for a 4 gauge screw?
15. countersink hole for a 10 gauge screw?
16. pilot hole for a 16 gauge screw?

145

1. 6 penny nail penetrate a 4" dry beam?
2. 8 penny nail penetrate a 1 ¼" green girder?
3. 11 ½ box gauge nail penetrate a 3" dry girder?
4. 4 penny nail penetrate a ½" dry beam?
5. 50 penny nail penetrate a ¾" green rafter?
6. 60 penny nail penetrate a ¾" dry girder?
7. 8 box gauge nail penetrate a 4 ½" green dimension?
8. 15 ½ box gauge nail penetrate a 3" dry dimension?
9. 8 common gauge nail penetrate a 3" dry board?
10. 60 penny nail penetrate a 3 ½" dry dimension?
11. 11 ½ box gauge nail penetrate a 1 ¼" green beam?
12. 8 box gauge nail penetrate a ½" dry plank?
13. 2 common gauge nail penetrate a 3" dry timber?
14. 6 common gauge nail penetrate a 2 ½" green rafter?
15. 10 ½ box gauge nail penetrate a ¾" dry plank?
16. 8 penny nail penetrate a 3 ½" green frame?

1. pilot hole for a 1 gauge screw?
2. countersink hole for a 12 gauge screw?
3. clearance hole for a 8 gauge screw?
4. countersink hole for a 10 gauge screw?
5. countersink hole for a 6 gauge screw?
6. clearance hole for a 16 gauge screw?
7. pilot hole for a 18 gauge screw?
8. pilot hole for a 9 gauge screw?
9. clearance hole for a 5 gauge screw?
10. clearance hole for a 7 gauge screw?
11. pilot hole for a 12 gauge screw?
12. countersink hole for a 1 gauge screw?
13. pilot hole for a 11 gauge screw?
14. pilot hole for a 18 gauge screw?
15. pilot hole for a 2 gauge screw?
16. pilot hole for a 14 gauge screw?

1. 15 ½ box gauge nail penetrate a ½" green frame?
2. 11 ½ common gauge nail penetrate a 2 ½" dry rafter?
3. 9 box gauge nail penetrate a 5/8" dry rafter?
4. 2 penny nail penetrate a 3/4" dry dimension?
5. 50 penny nail penetrate a 1 ¼" green girder?
6. 8 penny nail penetrate a ½" green rafter?
7. 11 ½ box gauge nail penetrate a 4" green pole?
8. 8 box gauge nail penetrate a 1 ½" green beam?
9. 2 penny nail penetrate a 3 ½" green rafter?
10. 8 box gauge nail penetrate a 3" green beam?
11. 14 ½ box gauge nail penetrate a 3/8" dry pole?
12. 4 penny nail penetrate a 4 ½" dry girder?
13. 12 ½ common gauge nail penetrate a 4 ½" dry pole?
14. 4 common gauge nail penetrate a 3/4" dry plank?
15. 11 ½ common gauge nail penetrate a 3" green joist?
16. 9 penny nail penetrate a 1 ½" dry girder?

1. clearance hole for a 11 gauge screw?
2. clearance hole for a 10 gauge screw?
3. clearance hole for a 5 gauge screw?
4. clearance hole for a 16 gauge screw?
5. pilot hole for a 8 gauge screw?
6. countersink hole for a 16 gauge screw?
7. countersink hole for a 16 gauge screw?
8. clearance hole for a 2 gauge screw?
9. pilot hole for a 20 gauge screw?
10. countersink hole for a 12 gauge screw?
11. clearance hole for a 6 gauge screw?
12. pilot hole for a 11 gauge screw?
13. pilot hole for a 11 gauge screw?
14. pilot hole for a 20 gauge screw?
15. countersink hole for a 9 gauge screw?
16. clearance hole for a 18 gauge screw?

147

1. 12 $\frac{1}{2}$ common gauge nail penetrate a $\frac{1}{2}$ " green joist?
2. 6 common gauge nail penetrate a $4\frac{1}{2}$ " green timber?
3. 12 penny nail penetrate a 2" green board?
4. 10 $\frac{1}{2}$ box gauge nail penetrate a $\frac{3}{4}$ " green girder?
5. 10 $\frac{1}{2}$ box gauge nail penetrate a $1\frac{1}{2}$ " dry beam?
6. 10 $\frac{1}{2}$ box gauge nail penetrate a $1\frac{1}{4}$ " dry frame?
7. 8 common gauge nail penetrate a $\frac{5}{8}$ " green mast?
8. 12 penny nail penetrate a $\frac{5}{8}$ " green mast?
9. 40 penny nail penetrate a 4" green rafter?
10. 8 box gauge nail penetrate a $\frac{3}{4}$ " dry beam?
11. 30 penny nail penetrate a $\frac{1}{2}$ " dry plank?
12. 8 box gauge nail penetrate a 1" green frame?
13. 10 $\frac{1}{4}$ common gauge nail penetrate a $4\frac{1}{2}$ " dry dimension?
14. 12 penny nail penetrate a $\frac{3}{8}$ " green timber?
15. 14 box gauge nail penetrate a 2" green girder?
16. 2 penny nail penetrate a 1" green pole?

1. pilot hole for a 10 gauge screw?
2. countersink hole for a 12 gauge screw?
3. clearance hole for a 6 gauge screw?
4. countersink hole for a 12 gauge screw?
5. pilot hole for a 6 gauge screw?
6. pilot hole for a 9 gauge screw?
7. clearance hole for a 3 gauge screw?
8. pilot hole for a 16 gauge screw?
9. countersink hole for a 18 gauge screw?
10. pilot hole for a 20 gauge screw?
11. countersink hole for a 7 gauge screw?
12. clearance hole for a 9 gauge screw?
13. clearance hole for a 24 gauge screw?
14. pilot hole for a 3 gauge screw?
15. countersink hole for a 10 gauge screw?
16. clearance hole for a 2 gauge screw?

148

1. 20 penny nail penetrate a 1 ½" green timber?
2. 14 box gauge nail penetrate a 1 ¼" dry frame?
3. 14 common gauge nail penetrate a 4" dry pole?
4. 9 box gauge nail penetrate a 2 ½" dry frame?
5. 14 ½ box gauge nail penetrate a 3/8" green board?
6. 10 ½ box gauge nail penetrate a 4 ½" dry girder?
7. 9 box gauge nail penetrate a 1 ½" green pole?
8. 4 common gauge nail penetrate a 1" green plank?
9. 9 box gauge nail penetrate a 3/4" green board?
10. 10 ½ box gauge nail penetrate a 1 ¼" green rafter?
11. 12 ½ common gauge nail penetrate a ½" green pole?
12. 11 ½ box gauge nail penetrate a ½" green rafter?
13. 5 common gauge nail penetrate a 3 ½" green mast?
14. 2 common gauge nail penetrate a 1 ½" green mast?
15. 5 penny nail penetrate a 2 ½" green plank?
16. 6 penny nail penetrate a 3/8" green mast?

1. pilot hole for a 16 gauge screw?
2. clearance hole for a 12 gauge screw?
3. clearance hole for a 14 gauge screw?
4. clearance hole for a 4 gauge screw?
5. pilot hole for a 18 gauge screw?
6. pilot hole for a 11 gauge screw?
7. countersink hole for a 10 gauge screw?
8. countersink hole for a 10 gauge screw?
9. clearance hole for a 4 gauge screw?
10. clearance hole for a 9 gauge screw?
11. countersink hole for a 11 gauge screw?
12. pilot hole for a 12 gauge screw?
13. clearance hole for a 5 gauge screw?
14. countersink hole for a 24 gauge screw?
15. pilot hole for a 7 gauge screw?
16. pilot hole for a 24 gauge screw?

1. 40 penny nail penetrate a 2" dry plank?
2. 7 penny nail penetrate a 3" dry rafter?
3. 14 ½ box gauge nail penetrate a 3/4" dry rafter?
4. 3 penny nail penetrate a 2" dry dimension?
5. 16 penny nail penetrate a 2" dry rafter?
6. 3 penny nail penetrate a 3 ½" green plank?
7. 9 penny nail penetrate a 3" dry plank?
8. 6 penny nail penetrate a 3/8" green joist?
9. 5 common gauge nail penetrate a ½" dry mast?
10. 12 ½ box gauge nail penetrate a 4 ½" green mast?
11. 5 common gauge nail penetrate a 1" dry dimension?
12. 9 penny nail penetrate a 4" dry board?
13. 5 common gauge nail penetrate a 4 ½" dry timber?
14. 2 penny nail penetrate a 3/4" green frame?
15. 5 penny nail penetrate a 1 ¼" dry beam?
16. 50 penny nail penetrate a 3" dry timber?

1. clearance hole for a 7 gauge screw?
2. clearance hole for a 3 gauge screw?
3. pilot hole for a 12 gauge screw?
4. clearance hole for a 7 gauge screw?
5. pilot hole for a 24 gauge screw?
6. countersink hole for a 9 gauge screw?
7. countersink hole for a 12 gauge screw?
8. countersink hole for a 20 gauge screw?
9. clearance hole for a 16 gauge screw?
10. clearance hole for a 2 gauge screw?
11. pilot hole for a 10 gauge screw?
12. countersink hole for a 20 gauge screw?
13. countersink hole for a 10 gauge screw?
14. pilot hole for a 18 gauge screw?
15. countersink hole for a 1 gauge screw?
16. pilot hole for a 3 gauge screw?

150

1. 20 penny nail penetrate a 1" dry beam?
2. 2 penny nail penetrate a 3" dry joist?
3. 9 penny nail penetrate a 1 ¼" dry joist?
4. 10 penny nail penetrate a 3" dry pole?
5. 60 penny nail penetrate a ¾" dry rafter?
6. 14 common gauge nail penetrate a 2" dry plank?
7. 3 common gauge nail penetrate a 1" green timber?
8. 60 penny nail penetrate a ⅝" dry mast?
9. 9 penny nail penetrate a 1" dry beam?
10. 6 penny nail penetrate a 3" green rafter?
11. 10 ½ box gauge nail penetrate a 2" dry joist?
12. 40 penny nail penetrate a 1 ½" dry rafter?
13. 15 ½ box gauge nail penetrate a 2 ½" green joist?
14. 60 penny nail penetrate a 1 ¼" green board?
15. 14 common gauge nail penetrate a 1 ½" dry joist?
16. 8 box gauge nail penetrate a 4" green timber?

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

1. 10 $\frac{1}{2}$ box gauge nail penetrate a 2 $\frac{1}{2}$ " green rafter?
2. 10 penny nail penetrate a 4 $\frac{1}{2}$ " green timber?
3. 9 penny nail penetrate a 4 $\frac{1}{2}$ " green frame?
4. 9 common gauge nail penetrate a 5/8" dry board?
5. 20 penny nail penetrate a 4" green plank?
6. 12 $\frac{1}{2}$ box gauge nail penetrate a 3/4" green rafter?
7. 8 box gauge nail penetrate a 1 $\frac{1}{4}$ " dry pole?
8. 10 $\frac{1}{4}$ common gauge nail penetrate a 1" green timber?
9. 9 common gauge nail penetrate a 3/8" dry joist?
10. 4 common gauge nail penetrate a 4 $\frac{1}{2}$ " green beam?
11. 40 penny nail penetrate a 3/8" dry timber?
12. 9 penny nail penetrate a 4 $\frac{1}{2}$ " green beam?
13. 10 $\frac{1}{4}$ common gauge nail penetrate a 3 $\frac{1}{2}$ " dry frame?
14. 3 penny nail penetrate a 1" dry board?
15. 14 common gauge nail penetrate a 2" green beam?
16. 10 $\frac{1}{4}$ common gauge nail penetrate a 1 $\frac{1}{2}$ " green mast?

1. countersink hole for a 4 gauge screw?
2. countersink hole for a 12 gauge screw?
3. pilot hole for a 6 gauge screw?
4. pilot hole for a 1 gauge screw?
5. pilot hole for a 2 gauge screw?
6. pilot hole for a 5 gauge screw?
7. countersink hole for a 20 gauge screw?
8. pilot hole for a 2 gauge screw?
9. pilot hole for a 20 gauge screw?
10. clearance hole for a 24 gauge screw?
11. pilot hole for a 16 gauge screw?
12. pilot hole for a 11 gauge screw?
13. pilot hole for a 20 gauge screw?
14. clearance hole for a 5 gauge screw?
15. clearance hole for a 8 gauge screw?
16. countersink hole for a 1 gauge screw?

1. 30 penny nail penetrate a 4" green plank?
2. 8 box gauge nail penetrate a $\frac{3}{4}$ " green plank?
3. 3 penny nail penetrate a $3\frac{1}{2}$ " green beam?
4. 7 penny nail penetrate a $1\frac{1}{4}$ " green timber?
5. 6 penny nail penetrate a $2\frac{1}{2}$ " green beam?
6. 5 penny nail penetrate a 4" dry plank?
7. $10\frac{1}{2}$ box gauge nail penetrate a $1\frac{1}{2}$ " dry plank?
8. 60 penny nail penetrate a $3\frac{1}{2}$ " dry plank?
9. 5 penny nail penetrate a $1\frac{1}{4}$ " green rafter?
10. 8 box gauge nail penetrate a $\frac{1}{2}$ " green beam?
11. 6 penny nail penetrate a 2" green mast?
12. 60 penny nail penetrate a $\frac{3}{8}$ " green mast?
13. 10 penny nail penetrate a $4\frac{1}{2}$ " green girder?
14. 16 penny nail penetrate a $1\frac{1}{2}$ " green frame?
15. 60 penny nail penetrate a 4" dry frame?
16. 14 common gauge nail penetrate a $\frac{1}{2}$ " green joist?

1. clearance hole for a 14 gauge screw?
2. countersink hole for a 5 gauge screw?
3. pilot hole for a 18 gauge screw?
4. clearance hole for a 16 gauge screw?
5. countersink hole for a 11 gauge screw?
6. clearance hole for a 10 gauge screw?
7. countersink hole for a 5 gauge screw?
8. pilot hole for a 12 gauge screw?
9. clearance hole for a 3 gauge screw?
10. clearance hole for a 1 gauge screw?
11. clearance hole for a 4 gauge screw?
12. clearance hole for a 12 gauge screw?
13. pilot hole for a 20 gauge screw?
14. countersink hole for a 7 gauge screw?
15. countersink hole for a 24 gauge screw?
16. clearance hole for a 9 gauge screw?

153

1. 3 penny nail penetrate a $3/8$ " green mast?
2. 2 penny nail penetrate a $1\ 1/4$ " dry board?
3. 2 common gauge nail penetrate a $5/8$ " green pole?
4. 9 penny nail penetrate a $3\ 1/2$ " dry mast?
5. 4 common gauge nail penetrate a $3/8$ " green timber?
6. 2 penny nail penetrate a $1\ 1/2$ " green timber?
7. $10\ 1/2$ box gauge nail penetrate a $1\ 1/2$ " dry girder?
8. $10\ 1/2$ box gauge nail penetrate a $2\ 1/2$ " dry pole?
9. 6 penny nail penetrate a 4" dry pole?
10. 15 common gauge nail penetrate a 3" dry girder?
11. 6 common gauge nail penetrate a $2\ 1/2$ " dry frame?
12. 50 penny nail penetrate a $1\ 1/2$ " green mast?
13. 20 penny nail penetrate a $4\ 1/2$ " green dimension?
14. 50 penny nail penetrate a $1\ 1/2$ " green rafter?
15. 4 common gauge nail penetrate a $3\ 1/2$ " dry joist?
16. $10\ 1/2$ box gauge nail penetrate a $1/2$ " green pole?

1. clearance hole for a 24 gauge screw?
2. clearance hole for a 4 gauge screw?
3. countersink hole for a 6 gauge screw?
4. pilot hole for a 3 gauge screw?
5. countersink hole for a 24 gauge screw?
6. countersink hole for a 16 gauge screw?
7. clearance hole for a 7 gauge screw?
8. pilot hole for a 12 gauge screw?
9. countersink hole for a 2 gauge screw?
10. countersink hole for a 11 gauge screw?
11. clearance hole for a 6 gauge screw?
12. clearance hole for a 20 gauge screw?
13. clearance hole for a 14 gauge screw?
14. clearance hole for a 16 gauge screw?
15. pilot hole for a 18 gauge screw?
16. clearance hole for a 1 gauge screw?

1. 7 penny nail penetrate a $\frac{3}{8}$ " green timber?
2. 2 penny nail penetrate a 1" dry pole?
3. 4 penny nail penetrate a 3" dry pole?
4. 15 $\frac{1}{2}$ box gauge nail penetrate a 2" green mast?
5. 10 penny nail penetrate a 4" green dimension?
6. 8 common gauge nail penetrate a $\frac{3}{8}$ " green frame?
7. 11 $\frac{1}{2}$ common gauge nail penetrate a 2 $\frac{1}{2}$ " green plank?
8. 6 common gauge nail penetrate a 1" green board?
9. 3 penny nail penetrate a 2 $\frac{1}{2}$ " dry pole?
10. 8 common gauge nail penetrate a $\frac{1}{2}$ " dry plank?
11. 10 penny nail penetrate a 2" green mast?
12. 6 common gauge nail penetrate a 4" dry board?
13. 50 penny nail penetrate a 2" dry timber?
14. 15 $\frac{1}{2}$ box gauge nail penetrate a 3 $\frac{1}{2}$ " green frame?
15. 40 penny nail penetrate a $\frac{3}{8}$ " green board?
16. 2 common gauge nail penetrate a 1 $\frac{1}{4}$ " dry plank?

1. clearance hole for a 3 gauge screw?
2. clearance hole for a 4 gauge screw?
3. clearance hole for a 8 gauge screw?
4. countersink hole for a 5 gauge screw?
5. countersink hole for a 4 gauge screw?
6. clearance hole for a 2 gauge screw?
7. countersink hole for a 7 gauge screw?
8. clearance hole for a 1 gauge screw?
9. clearance hole for a 5 gauge screw?
10. countersink hole for a 8 gauge screw?
11. countersink hole for a 8 gauge screw?
12. clearance hole for a 18 gauge screw?
13. clearance hole for a 10 gauge screw?
14. pilot hole for a 20 gauge screw?
15. clearance hole for a 9 gauge screw?
16. pilot hole for a 10 gauge screw?

155

1. 12 penny nail penetrate a $\frac{5}{8}$ " green plank?
2. 50 penny nail penetrate a $2\frac{1}{2}$ " green board?
3. 5 penny nail penetrate a 4" dry frame?
4. 8 penny nail penetrate a 4" dry mast?
5. 40 penny nail penetrate a 1" dry mast?
6. 8 box gauge nail penetrate a $2\frac{1}{2}$ " dry rafter?
7. 5 penny nail penetrate a $\frac{3}{8}$ " dry rafter?
8. $10\frac{1}{2}$ box gauge nail penetrate a $\frac{3}{4}$ " dry plank?
9. 30 penny nail penetrate a $\frac{5}{8}$ " green girder?
10. 14 box gauge nail penetrate a 1" green rafter?
11. 40 penny nail penetrate a $2\frac{1}{2}$ " dry joist?
12. 60 penny nail penetrate a $3\frac{1}{2}$ " dry frame?
13. 5 penny nail penetrate a $\frac{5}{8}$ " dry pole?
14. 9 penny nail penetrate a $\frac{3}{4}$ " green timber?
15. 10 penny nail penetrate a 3" green rafter?
16. 20 penny nail penetrate a $2\frac{1}{2}$ " green pole?

1. pilot hole for a 12 gauge screw?
2. countersink hole for a 8 gauge screw?
3. pilot hole for a 8 gauge screw?
4. clearance hole for a 24 gauge screw?
5. pilot hole for a 18 gauge screw?
6. clearance hole for a 24 gauge screw?
7. clearance hole for a 4 gauge screw?
8. countersink hole for a 11 gauge screw?
9. clearance hole for a 18 gauge screw?
10. clearance hole for a 2 gauge screw?
11. clearance hole for a 5 gauge screw?
12. clearance hole for a 10 gauge screw?
13. pilot hole for a 12 gauge screw?
14. pilot hole for a 5 gauge screw?
15. clearance hole for a 18 gauge screw?
16. clearance hole for a 24 gauge screw?

156

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

1. pilot hole for a 3 gauge screw?
2. pilot hole for a 8 gauge screw?
3. clearance hole for a 16 gauge screw?
4. pilot hole for a 16 gauge screw?
5. countersink hole for a 2 gauge screw?
6. countersink hole for a 1 gauge screw?
7. countersink hole for a 6 gauge screw?
8. pilot hole for a 11 gauge screw?
9. countersink hole for a 18 gauge screw?
10. pilot hole for a 12 gauge screw?
11. clearance hole for a 18 gauge screw?
12. pilot hole for a 9 gauge screw?
13. clearance hole for a 4 gauge screw?
14. pilot hole for a 3 gauge screw?
15. pilot hole for a 14 gauge screw?
16. clearance hole for a 7 gauge screw?

1. 8 penny nail penetrate a 1" green timber?
2. 10 penny nail penetrate a 3/8" dry joist?
3. 10 1/4 common gauge nail penetrate a 2" dry beam?
4. 6 common gauge nail penetrate a 3" dry beam?
5. 14 1/2 box gauge nail penetrate a 2" dry girder?
6. 4 penny nail penetrate a 4" dry plank?
7. 50 penny nail penetrate a 1 1/2" green mast?
8. 10 1/2 box gauge nail penetrate a 4" green timber?
9. 11 1/2 common gauge nail penetrate a 2" green pole?
10. 11 1/2 common gauge nail penetrate a 1 1/2" green joist?
11. 10 1/4 common gauge nail penetrate a 2" green beam?
12. 5 penny nail penetrate a 3" dry board?
13. 11 1/2 common gauge nail penetrate a 2 1/2" green frame?
14. 12 1/2 box gauge nail penetrate a 1 1/2" green timber?
15. 12 1/2 common gauge nail penetrate a 3/4" green dimension?
16. 60 penny nail penetrate a 2 1/2" green beam?

1. pilot hole for a 7 gauge screw?
2. countersink hole for a 6 gauge screw?
3. pilot hole for a 3 gauge screw?
4. countersink hole for a 16 gauge screw?
5. pilot hole for a 6 gauge screw?
6. clearance hole for a 10 gauge screw?
7. clearance hole for a 20 gauge screw?
8. clearance hole for a 6 gauge screw?
9. pilot hole for a 14 gauge screw?
10. pilot hole for a 4 gauge screw?
11. clearance hole for a 12 gauge screw?
12. countersink hole for a 20 gauge screw?
13. clearance hole for a 3 gauge screw?
14. pilot hole for a 10 gauge screw?
15. pilot hole for a 2 gauge screw?
16. pilot hole for a 7 gauge screw?

1. 12 ½ common gauge nail penetrate a 1" dry mast?
2. 40 penny nail penetrate a 3 ½" dry timber?
3. 40 penny nail penetrate a ½" dry joist?
4. 2 penny nail penetrate a 1 ¼" dry rafter?
5. 4 penny nail penetrate a 2" green joist?
6. 10 penny nail penetrate a 1 ½" dry timber?
7. 4 common gauge nail penetrate a 2" green frame?
8. 8 common gauge nail penetrate a 3" dry frame?
9. 6 common gauge nail penetrate a 3" green girder?
10. 16 penny nail penetrate a 4 ½" green dimension?
11. 9 penny nail penetrate a 2 ½" green board?
12. 60 penny nail penetrate a 5/8" dry beam?
13. 50 penny nail penetrate a 3" dry plank?
14. 20 penny nail penetrate a ½" green rafter?
15. 9 box gauge nail penetrate a 1 ½" green timber?
16. 7 penny nail penetrate a 3/8" dry mast?

1. countersink hole for a 6 gauge screw?
2. pilot hole for a 6 gauge screw?
3. pilot hole for a 3 gauge screw?
4. clearance hole for a 5 gauge screw?
5. pilot hole for a 10 gauge screw?
6. clearance hole for a 9 gauge screw?
7. pilot hole for a 7 gauge screw?
8. countersink hole for a 8 gauge screw?
9. pilot hole for a 11 gauge screw?
10. countersink hole for a 7 gauge screw?
11. pilot hole for a 18 gauge screw?
12. countersink hole for a 1 gauge screw?
13. countersink hole for a 24 gauge screw?
14. clearance hole for a 24 gauge screw?
15. countersink hole for a 6 gauge screw?
16. clearance hole for a 5 gauge screw?

1. 4 penny nail penetrate a $\frac{3}{8}$ " green plank?
2. 30 penny nail penetrate a $\frac{3}{8}$ " dry plank?
3. 14 common gauge nail penetrate a 3" green girder?
4. 14 box gauge nail penetrate a 2" dry joist?
5. 14 common gauge nail penetrate a $1\frac{1}{4}$ " dry timber?
6. 20 penny nail penetrate a 3" dry dimension?
7. 2 penny nail penetrate a $2\frac{1}{2}$ " dry timber?
8. 15 common gauge nail penetrate a 4" green girder?
9. 9 box gauge nail penetrate a 3" green mast?
10. 12 penny nail penetrate a $2\frac{1}{2}$ " dry joist?
11. 8 box gauge nail penetrate a $1\frac{1}{2}$ " green mast?
12. 2 penny nail penetrate a 1" green rafter?
13. 12 penny nail penetrate a $2\frac{1}{2}$ " dry frame?
14. 9 common gauge nail penetrate a $1\frac{1}{2}$ " dry pole?
15. 10 penny nail penetrate a 3" green plank?
16. $12\frac{1}{2}$ box gauge nail penetrate a $\frac{3}{4}$ " green joist?

1. clearance hole for a 14 gauge screw?
2. countersink hole for a 20 gauge screw?
3. pilot hole for a 5 gauge screw?
4. pilot hole for a 14 gauge screw?
5. countersink hole for a 16 gauge screw?
6. clearance hole for a 1 gauge screw?
7. pilot hole for a 16 gauge screw?
8. pilot hole for a 12 gauge screw?
9. clearance hole for a 24 gauge screw?
10. clearance hole for a 8 gauge screw?
11. pilot hole for a 4 gauge screw?
12. countersink hole for a 14 gauge screw?
13. pilot hole for a 18 gauge screw?
14. clearance hole for a 6 gauge screw?
15. clearance hole for a 3 gauge screw?
16. countersink hole for a 7 gauge screw?

1. 12 ½ common gauge nail penetrate a 3 ½" dry frame?
2. 12 ½ common gauge nail penetrate a 1 ¼" green plank?
3. 50 penny nail penetrate a 1 ½" dry mast?
4. 10 ¼ common gauge nail penetrate a 1 ½" green frame?
5. 20 penny nail penetrate a 1" green girder?
6. 8 penny nail penetrate a 3" green frame?
7. 60 penny nail penetrate a 2 ½" green frame?
8. 11 ½ common gauge nail penetrate a 2" dry dimension?
9. 5 penny nail penetrate a ½" dry rafter?
10. 50 penny nail penetrate a 1 ¼" green board?
11. 10 ½ box gauge nail penetrate a 3/8" green plank?
12. 9 box gauge nail penetrate a 1 ½" dry rafter?
13. 12 ½ box gauge nail penetrate a 3/8" dry rafter?
14. 7 penny nail penetrate a 4 ½" dry mast?
15. 2 penny nail penetrate a 2 ½" dry joist?
16. 9 common gauge nail penetrate a 1 ¼" dry joist?

1. pilot hole for a 16 gauge screw?
2. pilot hole for a 16 gauge screw?
3. pilot hole for a 4 gauge screw?
4. clearance hole for a 10 gauge screw?
5. countersink hole for a 12 gauge screw?
6. clearance hole for a 6 gauge screw?
7. pilot hole for a 20 gauge screw?
8. clearance hole for a 10 gauge screw?
9. clearance hole for a 12 gauge screw?
10. clearance hole for a 1 gauge screw?
11. countersink hole for a 14 gauge screw?
12. pilot hole for a 16 gauge screw?
13. pilot hole for a 8 gauge screw?
14. pilot hole for a 3 gauge screw?
15. countersink hole for a 4 gauge screw?
16. pilot hole for a 4 gauge screw?

1. 12 penny nail penetrate a 1" green dimension?
2. 14 common gauge nail penetrate a 3 1/2" green dimension?
3. 14 box gauge nail penetrate a 3/8" dry dimension?
4. 3 penny nail penetrate a 1 1/2" green timber?
5. 20 penny nail penetrate a 4" dry dimension?
6. 10 1/4 common gauge nail penetrate a 3/8" dry board?
7. 11 1/2 box gauge nail penetrate a 4 1/2" green mast?
8. 30 penny nail penetrate a 1 1/4" dry timber?
9. 12 penny nail penetrate a 3/4" dry joist?
10. 8 box gauge nail penetrate a 2 1/2" green mast?
11. 40 penny nail penetrate a 4" green pole?
12. 8 box gauge nail penetrate a 3" green board?
13. 11 1/2 box gauge nail penetrate a 3" dry girder?
14. 12 1/2 common gauge nail penetrate a 3/8" dry timber?
15. 20 penny nail penetrate a 1 1/4" dry girder?
16. 12 1/2 box gauge nail penetrate a 3/4" green beam?

1. pilot hole for a 11 gauge screw?
2. clearance hole for a 12 gauge screw?
3. pilot hole for a 8 gauge screw?
4. clearance hole for a 20 gauge screw?
5. clearance hole for a 6 gauge screw?
6. countersink hole for a 3 gauge screw?
7. pilot hole for a 10 gauge screw?
8. clearance hole for a 14 gauge screw?
9. countersink hole for a 9 gauge screw?
10. pilot hole for a 1 gauge screw?
11. pilot hole for a 5 gauge screw?
12. countersink hole for a 7 gauge screw?
13. pilot hole for a 9 gauge screw?
14. countersink hole for a 7 gauge screw?
15. pilot hole for a 3 gauge screw?
16. pilot hole for a 24 gauge screw?

1. 14 box gauge nail penetrate a 1" green rafter?
2. 11 ½ box gauge nail penetrate a 4 ½" dry timber?
3. 11 ½ box gauge nail penetrate a 5/8" green board?
4. 40 penny nail penetrate a 3" dry rafter?
5. 3 penny nail penetrate a 2 ½" dry beam?
6. 40 penny nail penetrate a 3" dry pole?
7. 10 ½ box gauge nail penetrate a 3/8" green rafter?
8. 12 ½ common gauge nail penetrate a 3/8" dry timber?
9. 5 penny nail penetrate a 3/4" green joist?
10. 9 box gauge nail penetrate a 2" dry mast?
11. 4 common gauge nail penetrate a 2 ½" dry dimension?
12. 11 ½ common gauge nail penetrate a 2 ½" dry dimension?
13. 9 penny nail penetrate a 1" dry board?
14. 12 ½ box gauge nail penetrate a 1 ½" green board?
15. 14 ½ box gauge nail penetrate a ½" dry dimension?
16. 6 common gauge nail penetrate a 3/4" green dimension?

1. clearance hole for a 14 gauge screw?
2. countersink hole for a 20 gauge screw?
3. countersink hole for a 8 gauge screw?
4. countersink hole for a 12 gauge screw?
5. pilot hole for a 16 gauge screw?
6. clearance hole for a 20 gauge screw?
7. clearance hole for a 6 gauge screw?
8. pilot hole for a 18 gauge screw?
9. pilot hole for a 18 gauge screw?
10. pilot hole for a 4 gauge screw?
11. clearance hole for a 12 gauge screw?
12. clearance hole for a 5 gauge screw?
13. countersink hole for a 2 gauge screw?
14. clearance hole for a 10 gauge screw?
15. pilot hole for a 6 gauge screw?
16. countersink hole for a 6 gauge screw?

163

1. 2 penny nail penetrate a $3\frac{1}{2}$ " green mast?
2. 7 penny nail penetrate a 1" green plank?
3. 2 common gauge nail penetrate a 1" dry rafter?
4. 15 common gauge nail penetrate a 1" green beam?
5. $11\frac{1}{2}$ common gauge nail penetrate a 2" dry joist?
6. 10 penny nail penetrate a 1" dry joist?
7. $10\frac{1}{2}$ box gauge nail penetrate a $1\frac{1}{2}$ " green mast?
8. 50 penny nail penetrate a $\frac{3}{4}$ " green plank?
9. 8 box gauge nail penetrate a 3" dry beam?
10. 30 penny nail penetrate a 1" dry timber?
11. 7 penny nail penetrate a $\frac{1}{2}$ " dry joist?
12. 16 penny nail penetrate a $\frac{5}{8}$ " dry joist?
13. 60 penny nail penetrate a 2" green timber?
14. 8 penny nail penetrate a 3" dry timber?
15. 9 box gauge nail penetrate a $\frac{5}{8}$ " green plank?
16. 3 penny nail penetrate a $4\frac{1}{2}$ " dry plank?

1. countersink hole for a 8 gauge screw?
2. countersink hole for a 12 gauge screw?
3. clearance hole for a 24 gauge screw?
4. pilot hole for a 12 gauge screw?
5. pilot hole for a 20 gauge screw?
6. countersink hole for a 8 gauge screw?
7. pilot hole for a 7 gauge screw?
8. pilot hole for a 7 gauge screw?
9. countersink hole for a 14 gauge screw?
10. countersink hole for a 24 gauge screw?
11. pilot hole for a 1 gauge screw?
12. clearance hole for a 6 gauge screw?
13. pilot hole for a 11 gauge screw?
14. clearance hole for a 10 gauge screw?
15. countersink hole for a 4 gauge screw?
16. countersink hole for a 16 gauge screw?