

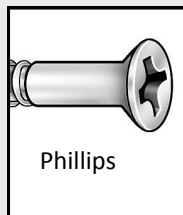
## Wood Screws

Wood screws come in all sorts of lengths, sizes, and types for a variety of applications. The following eZtip will provide you with some basic information on the most common drive types and head types, as well as screw and pilot hole size.

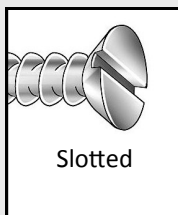
### Applications

Wood screws have been around for ages, and are found in all kinds of common applications, from furniture and drywall, to decks and outdoor structures. For indoor use, plain carbon steel or brass are common materials of construction. In many cases, these screws can also be coated with different finishes (like bronze, nickel, black oxide, etc.) for aesthetic or decorative appearance. Screws for outdoor use will be made from a material like stainless steel to prevent corrosion. Also commonly available for outdoor use are steel screws that are treated with a coating to resist deterioration. These coatings can include things like electroplating or galvanizing. As technology advances, many manufacturers have developed their own proprietary coatings, most often seen in deck screws.

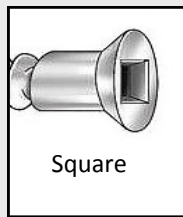
### Common Drive Types



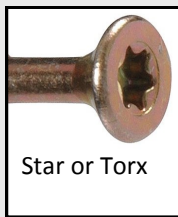
Phillips



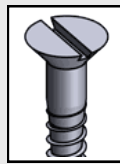
Slotted



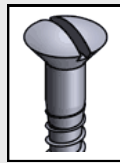
Square



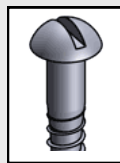
Star or Torx



**Flat Head** screws, as the name implies, have a flat top with a conical shape under the head that allows the screw to sit flush in the work piece, creating a smooth surface.



**Oval Head** screws have the same conical shaped underside for countersinking, but have a decorative top that protrudes slightly above the surface.



**Round Head** screws are flat on the underside of the head, leaving the domed top above the surface of the work piece.

### A Word on Pocket Hole Screws

Pocket hole screws, like the one pictured left, are common in furniture and cabinet building. When selecting a pocket hole screw, it is recommended that coarse thread screws be used for soft woods (such as pine), and fine thread screws are used for hard woods (such as maple or oak).



Coarse



Fine

Screw Size	Closest Fractional Size	Hard Wood Straight Pilot Bit	Soft Wood Straight Pilot Bit
2	3/32"	1/16"	1/16"
3	7/64"	5/64"	1/16"
4	7/64"	5/64"	1/16"
5	1/8"	3/32"	5/64"
6	9/64"	7/64"	3/32"
7	5/32"	7/64"	3/32"
8	5/32"	1/8"	7/64"
9	11/64"	9/64"	1/8"
10	3/16"	9/64"	1/8"
12	7/32"	5/32"	9/64"
14	1/4"	11/64"	5/32"
16	17/64"	3/16"	11/64"
18	19/64"	7/32"	13/64"
20	5/16"	15/64"	7/32"

Information sources include Grainger, Kreg, Bolt Depot



If you are still having difficulty choosing a Wood Screw,  
please contact us at [askzoro@zoro.com](mailto:askzoro@zoro.com) or 855-289-9676

#### Product Compliance and Suitability.

THE PRODUCT STATEMENTS CONTAINED IN THIS EZTIP ARE INTENDED FOR GENERAL INFORMATIONAL PURPOSES ONLY. SUCH PRODUCT STATEMENTS DO NOT CONSTITUTE A PRODUCT RECOMMENDATION OR REPRESENTATION AS TO THE APPROPRIATENESS, ACCURACY, COMPLETENESS, CORRECTNESS OR CURRENTNESS OF THE INFORMATION PROVIDED. INFORMATION PROVIDED IN THIS EZ TIP DOES NOT REPLACE THE USE BY YOU OF ANY MANUFACTURER INSTRUCTIONS, TECHNICAL PRODUCT MANUAL OR OTHER PROFESSIONAL RESOURCE OR ADVISER AVAILABLE TO YOU. ALWAYS READ, UNDERSTAND, AND FOLLOW ALL MANUFACTURER INSTRUCTIONS.

Document Create Date: 28 May 2015

Last Review: 28 May 2015

Zoro Wood Screw eZtip

© 2011 - 2015 Zoro Tools, Inc. All rights reserved.