**Screw Head Types**

1. Hex Head Screw - Hex head screws can take a lot of torque and can be driven in and out with a socket type wrench.
2. Button head Screw – Button head screws are round at the top so that they do not catch on anything.
3. Flathead Screw – Flathead screws have tapers that guide.
4. Set Screws – Set screws are case hardened and are used to fasten pulleys and collars on shafts.
5. Allen Head Screws – Allen head screws have more torquing power and are recessed into a counter bored hole.
6. Pan Head Screws – Pan head screws have a small flat with a round top that can be slightly recessed into a counter bored hole.

**Nuts/Fasteners**

7. Nylon Insert Lock Nuts – or self locking nuts eliminates the needs for washers.
8. Wing Nuts – named for the two flat wings and are used when the nut has to be turned by the thumb and the forefinger.
9. Weld Nuts – These are specialty type nuts used to attach parts to a frame.
10. Kep Lock Nuts – These nuts have a greater holding power and reduce assembly time.
11. Coupling Nuts – These nuts are used to provide clearance between parts.

**Socket and Screw Head Drives**

Drives are the slots, grooves, and holes used on the screw heads. Two different types of drives are socket head drives and screw head drives.

12. Slotted – A flathead screwdriver is used to insert the screw.
13. Phillips – A phillips head screwdriver is used to insert the screw. A phillips head drive is easier to locate than a standard driver.
14. Hex – Hex drives have an external hex shape and can also take the large amount of torque that is generated by a socket wrench.
15. Socket Head Drives - can take a large amount of torque. They have an internal hex shape.
16. Phillips/Slotted – This versatile drive lets you use either a phillips or a slotted drive.

**Assessment Rubric**

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