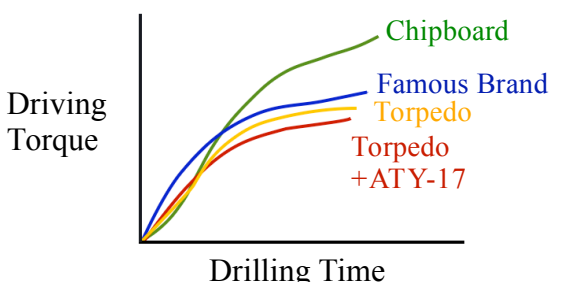
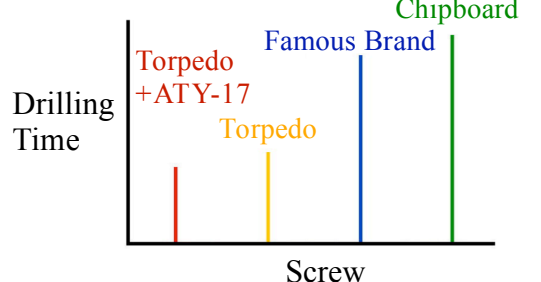
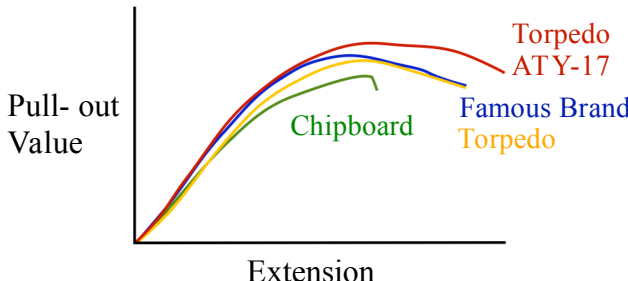
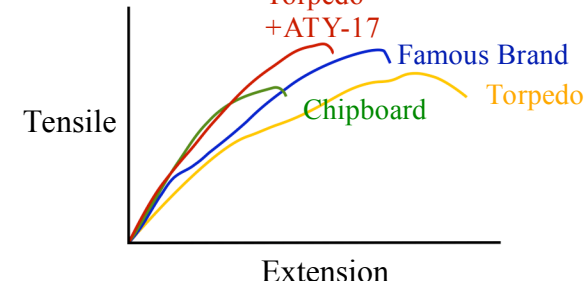


## Comparison Test Report for Torpedo+ATY-17 Screw, Torpedo Screw, Famous Brand Screw, Chipboard Screw

**Screw Specification :**

1. M5.0-3.0x70mm( $\psi$ 3.47, Material: Carbon Steel), **Torpedo+ATY-17 Screw**
2. M5.0-3.0x70mm( $\psi$ 3.47, Material: 10B21), **Torpedo Screw**
3. M5.0-3.0x70mm( $\psi$ 3.60, Material: Carbon Steel), **Famous Brand Screw**
4. M5.0-2.2x70mm( $\psi$ 3.47, Material: Carbon Steel), **Chipboard Screw**

|   |  |
|---|--|
| <b>Driving Torque Chart</b>   | <b>Drilling Time Chart (Grip)</b>  |
|   |   |
| Test wood : Red OAK<br>Drilling depth : 42mm<br>Screwdriver : 2500R. P.M.           | Test wood : Red OAK<br>Drilling depth : 42mm<br>Screwdriver : 2500R. P.M.            |
| <b>Pull Out Chart</b>   | <b>Tensile Chart</b>   |
|  |  |
| Test wood : Red OAK<br>Drilling depth : 42mm<br>Extension Speed : 12.70mm/min       | Extension Speed : 12.70mm/min  |

| Screw                       | Torpedo+ATY-17<br>Screw | Torpedo<br>Screw | Famous Brand<br>Screw | Chipboard<br>Screw |
|-----------------------------|-------------------------|------------------|-----------------------|--------------------|
| Driving Torque(kgf.cm)-peak | 26.9                    | 28.2             | 32.4                  | 46.2               |
| Drilling Time(sec)          | 1.566                   | 1.596            | 1.808                 | 1.852              |
| Pull Out(kgf)-peak          | 1044                    | 958              | 969                   | 868                |
| Tensile(kgf)-peak           | 1136                    | 970              | 1098                  | 887                |