



## Paragon Machine Works Useful Information for T47 Taps

The tap for our T47 bottom bracket shell includes the right and left hand taps. Both sides measure M47 x 1.0 D-2 8 flute, have a controlled minor, and are made from nitrited M-42 steel. They are designed to fit Park Tool handles.

### Guidelines for Use

1. Use lubricant for the tap and inside the bottom bracket shell.  
**Note:** different types of lubricants are required for different materials.
2. **Do not apply excessive force on the tap**, it will break! There is no warranty expressed or implied for tap breakage or frame damage.
3. If the tap gets stuck and/or makes noise, do the following:
  - a. STOP.
  - b. Let the tap cool. Heat can cause a titanium bottom bracket shell to expand, leading to breakage if excess force is applied.
  - c. Once cool, gently work the tap back and forth to remove it from the shell. **Note:** once the tap is stuck you may not be able to remove it without irreparable damage to the tap or bottom bracket shell.