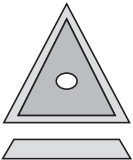


How to tell the difference between Positive and Negative Rake Lathe Bits

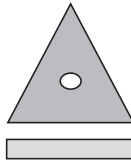


Positive Rake

These brake bits have angled sides, and generally only have three cutting points. If you would set a positive rake brake bit on its side, it would not stand straight. This is because the rake (cutting angle) is built into the brake bit.

Side View

← Rake Angle



Negative Rake

These brake bits have straight (no angle) sides, and generally have six cutting points. You have three cutting points on one side, and then turn the bit over for three more cutting points. If you set a negative rake bit on its side, the bit would stand straight. This is because the rake (cutting angle) is built into the brake bit tool holder.

Side View