



**Note:** It doesn't really matter what the height of the finished unit ends up to be. Just measure it as accurately as you can and use that value as your vertical offset. I intend to make the battery and buzzer box from metal and connecting the wire that is attached between the button holder and the transistor pad to the box wall. That way if the material being machined is non-conductive to electricity, then with the box resting on the mill table it will give a path for the electricity to flow and complete the circuit when the cutter touches down on the button top. There is no reason why this device could not be used on the lathe as well. You would just need to hold it against the part surface by hand and touch down the tool for a reading.