

Resources

Where to obtain materials, consumables, and tooling.

Where to buy consumables

McMaster-Carr is an easy (and incredibly fast) resource for lathe tools and raw materials.

<https://www.mcmaster.com/> (Part numbers are listed in the table in the consumables section)

Helpful Tutorials

How to use a live center: <https://www.youtube.com/watch?v=8x6maER5qr0>

Speed Calculator

Spindle speeds can be calculated here. Look up the feet-per-minute speed for your material and then enter the diameter of your part to calculate how many rotations per minute it needs to spin. Remember to divide by 2 as these speeds will be ideal speeds for machinists under ideal conditions

: <https://littlemachineshop.com/reference/cuttingspeeds.php> (More info in the Set Speed and Common Settings Sections)

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