

Quiz #3, Mill

Total points 90/100 ?

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Email *

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What is the correct reaming speed for a 3/8" reamer in Mild Steel? See the drilling speeds graph and foot notes. *10/10

- ☒ 289 RPM
- ☐ 630 RPM
- ☐ 238 RPM
- ☐ 364 RPM

Is it acceptable to use an end mill in a drill chuck? *

5/5

- ☐ Yes
- ☒ No



When machine aluminum on the conventional mill with a 3/8" HSS End Mill, *0/10
what spindle speed should be used?

- ☐ 1783 RPM
- ☐ 1925 RPM
- ☒ 2350 RPM
- ☐ 1546 RPM

Name: (Last, First) *

Kunnavakkam, Sudarshangopal

Spiral Point Taps are designed for what type of holes? *

10/10

- ☐ Blind holes
- ☐ Other
- ☐ Intersecting holes
- ☒ Through holes

Is it acceptable to use a collet to hold a drill bit? *

5/5

- ☒ Yes
- ☐ No



What is the maximum allowable speed for the conventional mills? *

10/10

- ☐ 2500 RPM
- ☒ 3000 RPM
- ☐ 4000 RPM
- ☐ 3500 RPM

If it is desired to skip using a Spot Drill for starting a hole, what type of drill bit needs to be used? *10/10

- ☐ Step drill
- ☒ Screw machine-length twist drill
- ☐ Straight-Flute drill
- ☐ Jobber length twist drill

What is the correct drilling speed for a 3/8" drill bit, drill into Mild Steel? See the drilling speeds graph. *10/10

- ☐ 1261 RPM
- ☐ 728 RPM
- ☒ 578 RPM
- ☐ 476 PRM



When should Conventional milling NOT be performed? *

10/10

- ☒ When trying to reduce work hardening
- ☐ On end mills less than 1/8" in diameter
- ☐ When using milling machines with backlash
- ☐ When using long end mills

Tap selection; what is the most common chamfer for use by hand or machine in through or blind holes?

*10/10

- ☐ Bottoming
- ☐ Modified Bottoming
- ☐ Taper
- ☒ Plug

When using a 1/2" diameter edge finder, what spindle speed range should be used? *

10/10

- ☐ 1800-2100 RPM
- ☐ 400-500 RPM
- ☒ 700-900 RPM
- ☐ 1200-1500 RPM



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