

# Lathe & Mill Speeds

Student Name \_\_\_\_\_ Class # \_\_\_\_\_ Semester \_\_\_\_\_ Day \_\_\_\_\_

## Lathe RPM's – Aluminum & Brass

Description	RPM's	Surface Speed
Facing Off End	654	.0036"
Cutting Diameter	654	.0036"
Center Drill	654	
Chamfering	256	
Grooving	256	
Parting	256	.0018"
Reamers	351	

### Drillbits & End mills

1/8" to 5/8"	256
11/16" to 1 1/8"	179
1 3/16 to 2"	132

## Milling Machine RPM's – Aluminum & Brass

Description	RPM's
Ball Nose Endmill 1/2"	800
Ball Nose Endmill 3/8"	800
Ball Nose Endmill 1"	700
Ball Nose Endmill 1 1/2"	350
Center Drill	800
Chamfering Tool	150
Edge Finder	1000
Facing Mill	700

### Reamers

1/8" to 1/2"	500
9/16" to 1"	240

### Drillbits & End mills

1/8" to 1/2"	500
11/16" to 1 1/8"	200
1 3/16 to 2"	130