Sharpening

Grinders: any 8” Slow speed 1725 rpm

Sharpening Systems

 Wolverine by Oneway with Vari-grind

 Sorby Pro Edge

 Tormek

Sharpening Wheels

 Norton 3X 80-120 grits or

 CBN wheels 100 – 240

Gouges

 Mastercut by Oneway or Oneway house brand

 Crown

 Hamlet Glenn Lucas Signature HSS or M42

Sharpening Angles

 5/8” bowl gouge 55-60°

 1/2” bowl gouge 45-50°

 1/2" spindle gouge 30-40°

**Oneway Wolverine system (subtract 2” if making sleeves)**

1/2” Spindle gouge 2nd notch 2” protrusion Vee-arm 6” Blue

1/2” Bowl gouge 2nd notch 2” protrusion Vee-arm 7” Green

5/8” Bowl gouge 3rd notch 2” protrusion Vee-arm 7 3/16” Red

5/8” Bowl Gouge 2rd notch 2” protrusion Vee-arm 7 7/8” Black

**Standard Woodturning Tools**

**Spindle** roughing gouge < 45°

Spindle/detail gouge < 30°- 45°

Bowl gouge - Fingernail/Ellsworth/Irish 5/8” < 55°- 60°

 1/2" < 45°

Traditional English Bowl gouge < 45°

Scrapers regular < 60°- 80°

 Negative rake total angle < 70°- 80°

Parting tools Diamond point total angle < 60°

 Others total angle < 45°- 60°

Skew Included angle < 35°- 40°

Note: spindle and bowl gouges

* English tool manufactures measure the flute width
* North American tool manufactures measure steel diameter.
* [https://static1.squarespace.com/](https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=16&ved=2ahUKEwjmx5ePmLHeAhVSj1kKHdC7DDMQFjAPegQIAhAC&url=https%3A%2F%2Fstatic1.squarespace.com%2Fstatic%2F575f5629b6aa606c10a208a1%2Ft%2F57647c168419c2347519fd2c%2F1466203160211%2Fsharpening-chisels1.pdf&usg=AOvVaw0ctBB1P5nKf9_XuyXrSP4w)

Sharpening web site: AAW

: https://www.mnwoodturners.com/cms-files/sharpeningturningtoolsbookdo.pdf