Level One purchase

Premise:

- Assumes that you have some lathes old or new
- Current tool collection are probably carbon steel and out of shape
- NO proper sharpening system exists for lathe tools
- Budget is limited

Purchasing list per lathe

- Tool set for each lathe
- Face shields for each lathe
- Four jaw scroll chuck for each lathe
- One sharpening system

Set of lathe tools	 Spindle Roughing gouge Parting tool Shallow-fluted gouge (spindle gouge) Deep-fluted gouge (bowl gouge) Skew chisel Round nosed scraper 	Penn State Industries www.Pennstateind.com Benjamin's Best set Cat. # LCAN6S	\$79.95	 Cheapest "good" tools on the market HSS tools Wooden box
Four jaw scroll chuck	Needed for holding from only one end	Oneway Manufacturing Talon chuck Cat. # OW 2985 Oneway 1x8 insert for above Cat. # OW 0227	\$231.95 \$25.00	 Also requires an insert to match your lathe headstock thread (normally 1x8) Available through all major woodworking dealers
Face shield	One per lathe	Harbor Freight 46526	\$14.99	Sometimes better shield can be found locally on sale
Sharpening	Grinder	Woodcraft www.woodcraft.com cat. # 150780	\$94.99	Best 8" grinder with Al ₃ O ₂ wheels, price sometimes lower
	Basic sharpening fixture	Oneway Wolverine fixture Cat. # OW 8791	\$87.91	 Available through all major woodworking dealers Standard fixture in our area
	Gouge sharpening fixture	Oneway Vari-grind II Cat. # OW 2480	\$52.95	 Safest fixture for this purpose Available through all major woodworking dealers

Level Two purchase

Premise:

- Assumes that you are ready to make an investment in the purchase of lathes
- Current tool collection need to be upgraded or replaced
- No sharpening system exists for lathe tools
- Budget is still limited

Purchasing list

- New 12 inch format lathes desired
- Better tool sets
- Face shields for each lathe
- Four jaw scroll chuck for each lathe

Lathes	12 ½ inch format, mini lathes, variable speed	Delta cat. # 46-460 (variable speed) Delta Cat. # 46-455 (fixed speed) www.amazon.com	\$579.00 \$449.00	 Available through local dealers Amazon currently has a better price with free shipping
Set of lathe tools	Spindle Roughing gouge Parting tool Shallow-fluted gouge (spindle gouge) Deep-fluted gouge (bowl gouge) Skew chisel Round nosed scraper	Pinnacle cryogenic turning tool set Woodcraft Cat. # 149022	\$299.95	Excellent setHSS tools
Four jaw scroll chuck	Needed for holding from only one end	Oneway Manufacturing Talon chuck Cat. # OW 2985 Oneway 1x8 insert for above Cat. # OW 0227	\$231.95 \$25.00	 Also requires an insert to match your lathe headstock thread (normally 1x8) Available through all major woodworking dealers
Face shield	One per lathe	Harbor Freight 46526	\$14.99	Sometimes better shield can be found locally on sale
Sharpening One set up only	Grinder	Woodcraft www.woodcraft.com cat. # 150780	\$94.99	Best 8" grinder with Al ₃ O ₂ wheels, price sometimes lower
	Basic sharpening fixture	Oneway Wolverine fixture Cat. # OW 8791	\$87.91	 Available through all major woodworking dealers Standard fixture in our area
	Gouge sharpening fixture	Oneway Vari-grind II Cat. # OW 2480	\$52.95	Safest fixture for this purpose Available through all major woodworking dealers

Level Three purchase

Premise:

- Assumes that you purchasing the best for a permanent turning program
- Want to purchase the highest quality tools
- No sharpening system exists for lathe tools
- Budget is not a problem

Purchasing list

- New 16 inch format lathes
- Purchase individual tools to get the most appropriate tool for each task
- Face shields for each lathe
- Four jaw scroll chuck for each lathe

Lathes	16 inch format, lathes, variable speed	Jet 1642EVS, 1½ HP, 120v Jet 1642EVS, 2 HP, 220v	\$2,099.99	 Available through local dealers Both 120 and 220 versions are available
Set of lathe tools	Spindle Roughing gouge Parting tool Shallow-fluted gouge (spindle gouge) Deep-fluted gouge (bowl gouge) Skew chisel Round nosed scraper	 Sorby ¾ " spindle roughing gouge Sorby ¼ " parting tool Pinnacle 3/8 " spindle gouge Sorby ½ " bowl gouge Sorby ¾ ' skew chisel Sorby 3/8' thick radiused inboard bowl scraper 	\$66.99\$45.99\$44.50\$84.99\$50.99\$99.99	Individually selected tools
Four jaw scroll chuck	Needed for holding from only one end	Oneway Manufacturing Stronghold chuck Cat. # OW 2137 Oneway 1 ½ x8 insert for above Cat. # OW 0322	\$286.95	 Also requires an insert to match lathe headstock thread 1 ¼ x8 Available through all major woodworking dealers
Face shield	One per lathe	Harbor Freight 46526	\$14.99	Sometimes better shield can be found locally on sale
Sharpening Two complete set ups	Grinder	Woodcraft www.woodcraft.com cat. # 150780	\$94.99	Best 8" grinder with Al ₃ O ₂ wheels, price sometimes lower
	Basic sharpening fixture	Oneway Wolverine fixture Cat. # OW 8791	\$87.91	 Available through all major woodworking dealers Standard fixture in our area
	Gouge sharpening fixture	Oneway Vari-grind II Cat. # OW 2480	\$52.95	Safest fixture for this purpose Available through all major woodworking dealers