

Class: The Detail Gouge

by Carl Ford (1/25/2010)

Experience the fun of using a detail gouge with a Michael Hosaluk grind. Good clean cuts with this versatile tool will be the focus of this 2-day class open to beginners. Students will learn that a detail gouge is the only tool they need for spindle turning. It is an easy to use, easy to learn tool that produces clean cuts like a spindle gouge or skew without the nasty catches. Students will explore all of the detail gouge cuts while creating a small 8 to 10 building "Fantasy City" project. Each student should complete their own project by the end of class. See photos.

This class will also cover painting and decorating on the lathe for dummies. It is fast and easy! Anyone can master it. The "Golden" brand of acrylic paints favored by professional turns Michael Hosaluk and Bihn Pho will be emphasized. Students will learn about the different viscosity of paints, mixing paints, adding hardener, applying the paints by brush with the lathe running, and how to jazz colors up by adding iridescent pearl. The emphasize will be on fun and simple rules of thumb rather than grueling academics.

Students should have a basic knowledge of how to use a lathe prior to the class. All materials will be provided by the instructor except for the plastic dome and rosewood base shown in photos. (A lab/materials fee will be charged.)

Detail gouges may be available for purchase at the end of the class at cost.

Instructor:

Carl Ford

Class Registration:

Send email to carl@carlford.info with date, time, and type of group.



Chalk

Eraser

Class Handouts:

Supplies:

Note: All prices and part numbers last updated on 1/25/2010. Prices do not include shipping.

1/2" Thompson Shallow Detail Gouge	www.thompsonlathetools.com	\$50
12mm (1/2") P&N Detail Gouge	www.packardwoodworks.com # 104508	\$43
16mm (5/8") P&N Detail Gouge	www.packardwoodworks.com # 104509	\$47
3mm (1/8") P&N Parting Tool	www.packardwoodworks.com # 104530	\$30
Raffan Spear Point Scraper	www.packardwoodworks.com # 104075	\$47
3/8" Round Point Tool	www.packardwoodworks.com #103376 Or make your own from 3/8" O1 Drill Rod for \$6 (www.msdirect.com #06000244)	\$32
17" Ash Handle, with 1 1/4" Ferrule	www.woodturnerscatalog.com #165-0609	\$12
1/2" Hosaluk Handle Insert	www.packardwoodworks.com #105405	\$20
18" Aluminum Hosaluk Handle	www.packardwoodworks.com #105402	\$63
Wire Burners (set of 3)	www.packardwoodworks.com #115303 Or make your own with guitar strings or hardware store wire and dowels for handles.	\$12
Norton "Gemini" Aluminum Oxide Fine 100/120 Grinding Wheel, 8"x1"x1"	www.msdirect.com #75941443, Norton # 66253044447	\$34
Golden Acrylic Paints	See " <i>Painting On the Lathe for Dummies</i> " handout at www.carlford.info .	

I like the standard M2 High Speed Steel turning tools. I feel the extra hard steel tools (A11, Kryo, Pro-Pm, etc) are not worth the extra money. Sharpening these extra hard tools takes longer!

New woodturners need to learn how to sharpen. This takes practice. One way or another, they are going to grind an inch off of there tools learning how to shapen them correctly. If they purchase extra hard steel then it just going to take longer!!! And the ground off \$\$\$ is going to hurt more!

If you are in the business of selling tools and you have already sold people a bowl gouge, etc. How do you sell them another one? **You invent some new marketing boondoggle like extra hard steel tools are better!!!**



Designing with Color and Paints

See new and improved "*Painting On the Lathe for Dummies*" handout at www.carlford.info.

Golden Paints

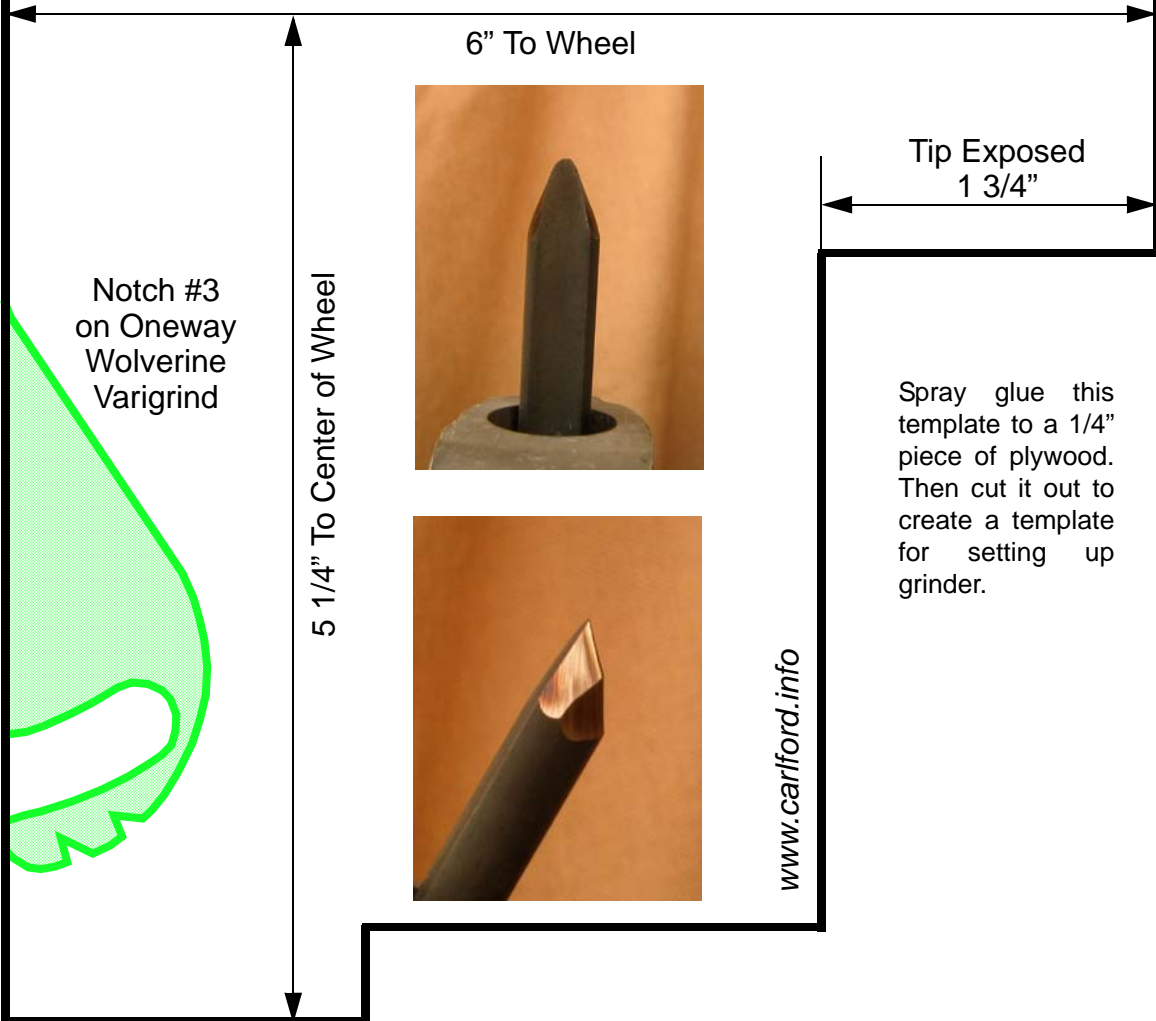
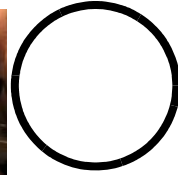
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Eraser

Chalk

BEWARE! Your printer may not print this page correctly. Double check the 6 inch dimension and make any necessary adjustments. Change "Page Scaling" to "none" on Print Menu, etc.

12mm (1/2") Detail Gouge with Hosaluk Grind



BEWARE! Your printer may not print this page correctly. Double check the 5 1/2 inch dimension and make any necessary adjustments. Change "Page Scaling" to "none" on Print Menu, etc.

16mm (5/8") Detail Gouge with Hosaluk Grind



5 1/2" To Wheel

Tip Exposed
1 3/4"

Notch #3
on Oneway
Wolverine
Varigrind

5 1/4" To Center of Wheel

Spray glue this
template to a 1/4"
piece of plywood.
Then cut it out to
create a template
for setting up
grinder.

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Chalk

Eraser

Class Outline

Day 1

1. Morning:
 - 1.1. Introduction
 - 1.1.1. Safety
 - 1.1.2. Lathes
 - 1.1.3. Detail Gouge with Hosaluk Grind
 - 1.2. Demo: Use of Detail Gouge to turn a building
 - 1.2.1. Round with roughing gouge or detail gouge
 - 1.2.2. Create 1/2" diameter tenon 3/8" deep on bottom of building
 - 1.2.3. Planing cut
 - 1.2.4. Parting cut
 - 1.2.5. Concave cuts
 - 1.2.6. Convex cuts
 - 1.3. Students turn buildings
2. Lunch
3. Afternoon:
 - 3.1. Demo: Painting on the Lathe
 - 3.1.1. Introduction to Golden acrylic paints
 - 3.1.2. Designing with paints and color schemes
 - 3.1.3. Mixing paints
 - 3.1.4. Applying paints with brush with lathe running
 - 3.2. Students turn and paint buildings

Day 2

1. Morning:
 - 1.1. Demo: Sharpening
2. Lunch
3. Afternoon:
 - 3.1. Demo: Turning a base
 - 3.1.1. Mounting on faceplate & chuck
 - 3.1.2. Use of bowl gouge
 - 3.2. Students turn more buildings and finish up
 - 3.3. Clean up

