

Use of pewter in woodturning



Inspiration from John Wessels



*Australian Woodturning Symposium
Brisbane - July 2010*

Casting pewter (John Wessels)



*Moulds for
pouring pewter*

*Double-chuck
technique*



Combining cast & sheet pewter



Cast pewter edge - sheet below (John Wessels)

Combining cast & sheet pewter



*Signature in
sheet
Surround is
cast
(John Wessels)*

Jewellery and trinkets



Pewter in jewellery and boxes (John Wessles)

Tools of trade



- *Gas burner*
- *Ladle*
- *Pewter*
- *Gloves*
- *Face mask*
- *Spill-container*

Note: Modern pewter does not contain lead. It is primarily tin with a small amount of antimony (4-6%) and possibly other metals. A useful source of pewter in Australia is: Northern Smelters in Queensland, phone 07- 3208 2724

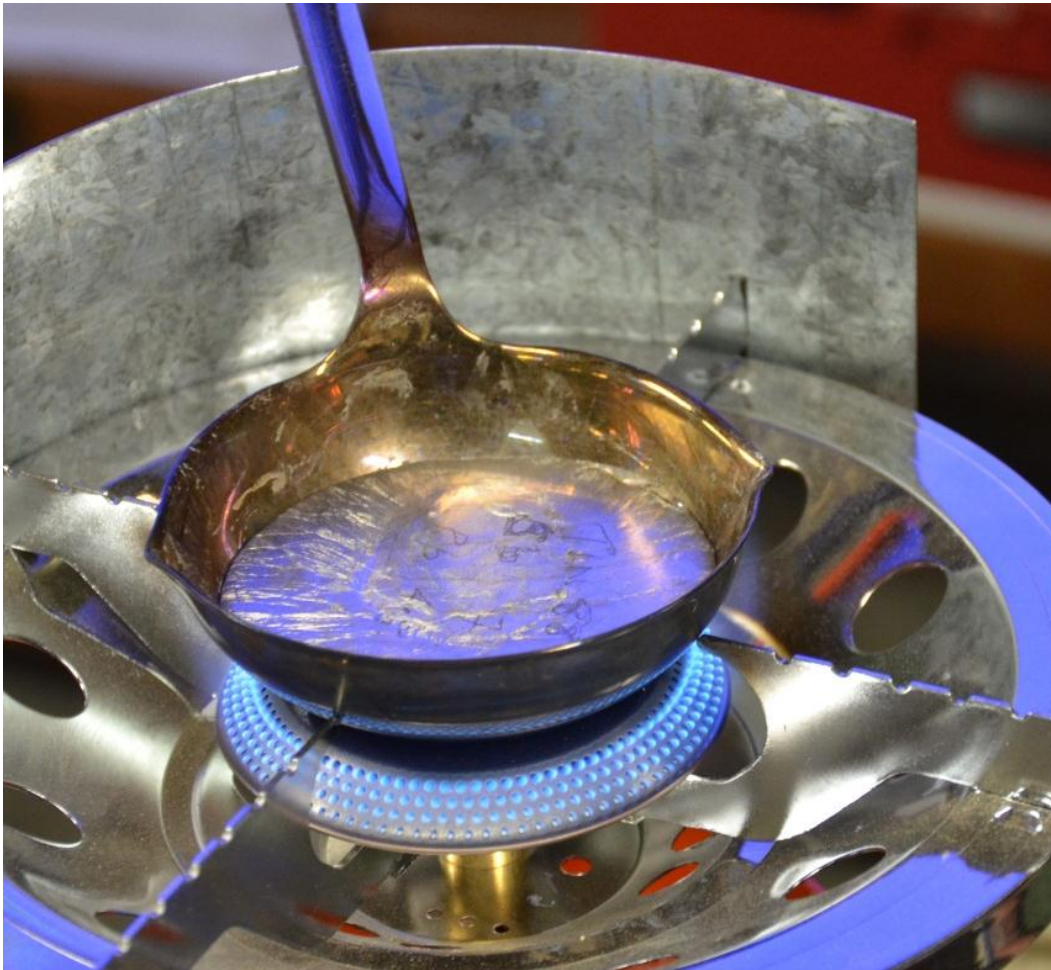
Preparing for pour (direct)



***Cut grooves to
act as mould for
pewter***

***Angle groove
away from
inside mould to
improve holding***

Casting pewter



*Heat and melt
pewter*

*Do not overheat
or wood will burn*

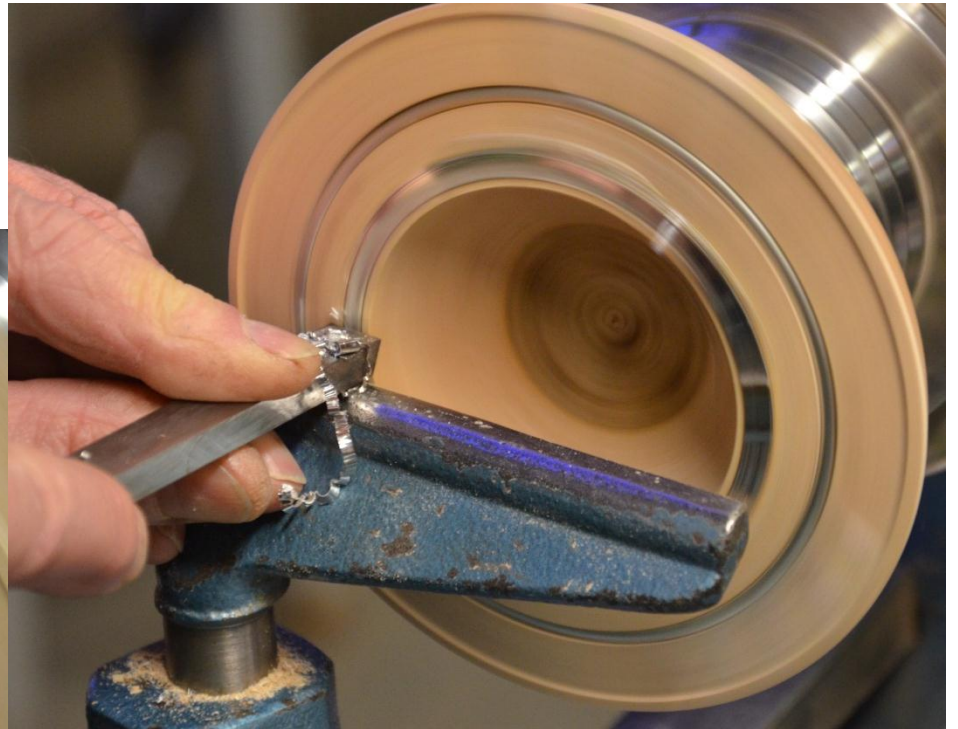


Casting pewter

- Ensure that work is level***
- Pour molten pewter into groove***
- Complete in one pour if possible***

Finishing

***Turn wood away
from pewter***



***Turn pewter at low
speed, use scraper***



Completed bowls



***Walnut and red box
bowls with internal
cast pewter rims***

Using a mould (lidded box)



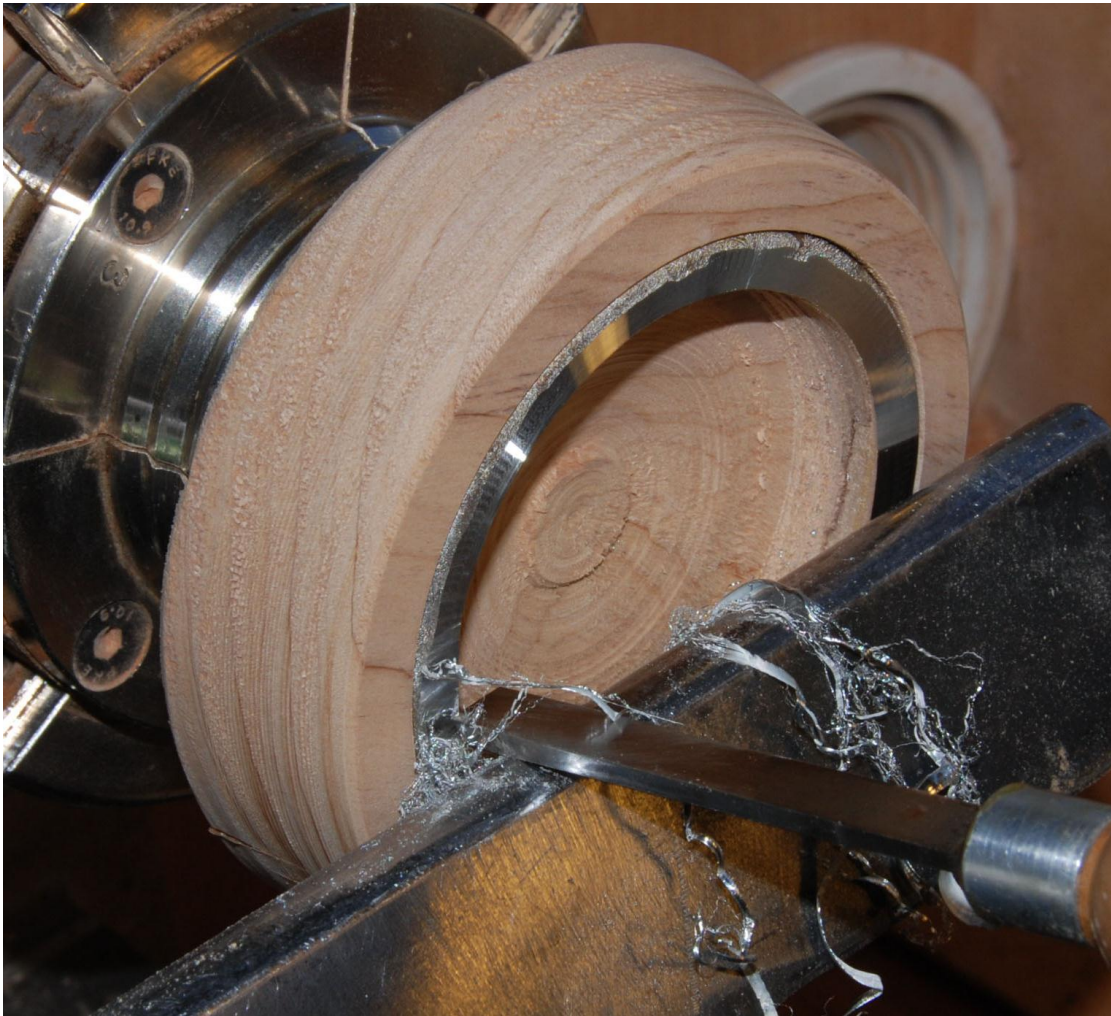
***Pewter first
poured into a
sacrificial
mould***

Using a mould (lidded box)



*Rebate cut into
lidded box for
pewter rim*

Using a mould (lidded box)



***Pewter turned
to fit the rebate
cut in the
lidded box***

***May need to
glue pewter
firmly into
mould***

Using a mould (lidded box)



*Lid fitted into
pewter rim*

*Ready to glue
in place*

Using a mould (lidded box)



*Excess wood
turned away*



***Completed
work***

Lidded box

