

# Guru's Anvil Sketch Book :

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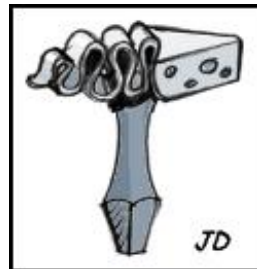
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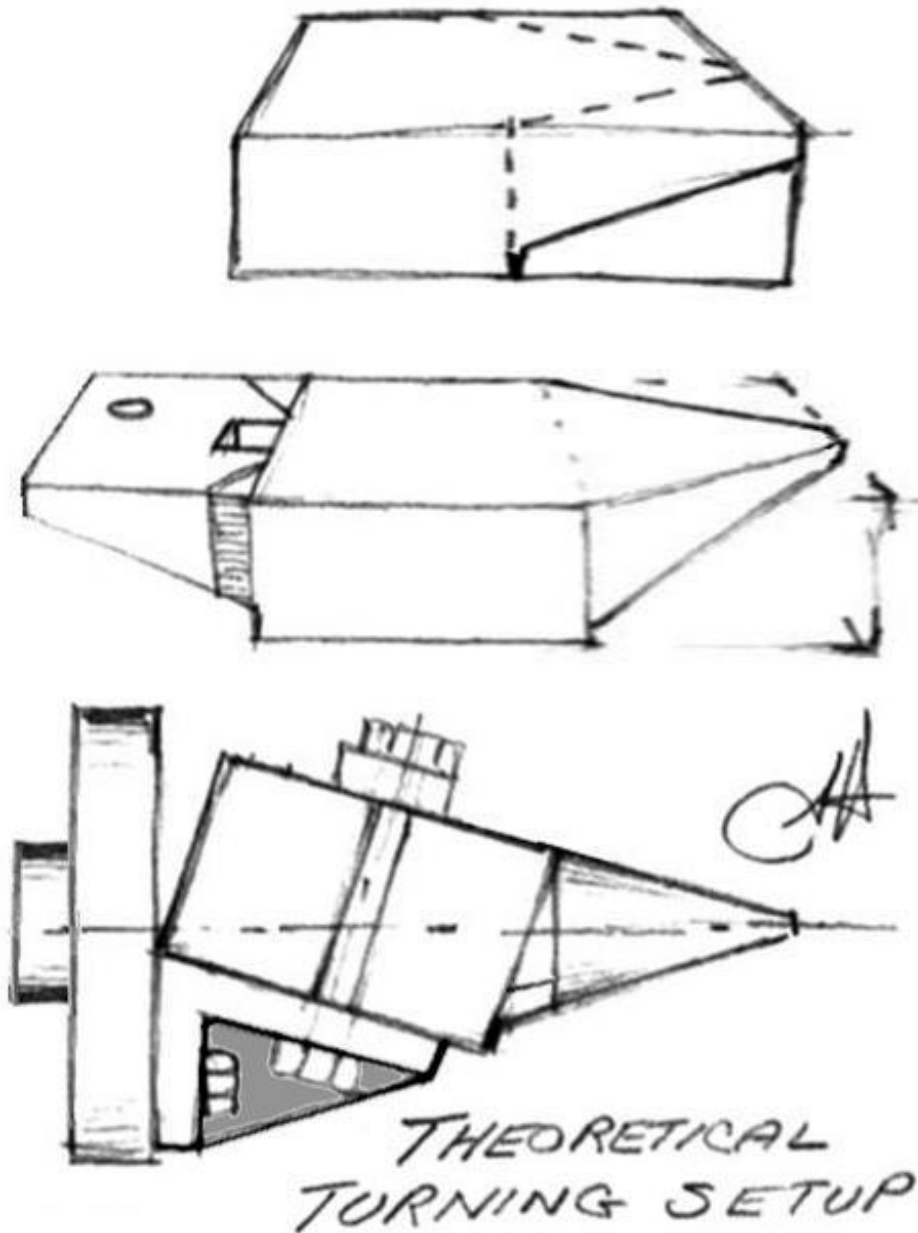
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## Machining an Anvil Horn, Beak or Bick



True conical horns have the advantage that they can be machine ground or machined to shape. Anvils with conical horns that are not finished are a travesty since it can be done so easily on a machine.

The process is simple. Flame cut the horn to a square or octagonal pyramid and machine the taper. Setup for machining can be done on an angle block OR a special fixture as shown.

The fixture as shown is horizontal on a lathe but could also be used vertical on a turret lathe or vertical boring mill. This would be the preferred method for production turning large anvils. A combination fixture could easily be used to machine four different sizes of anvil without changing the setup. A similar setup is used for belt grinding cast or forged conical anvil horns. This could be done on a machine tool OR a rotary weld positioner. The belt grinder is supported at the correct angle on a swing arm and only takes seconds to do its job.



### **Anvil made by BurntForge**

Italian style fabricated anvil with example of turned horn. [Details](#) . . .

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## **References and Links**

- **[Index to Anvil Making Articles](#)** How to fabricate anvils, ideas, designs and examples.
  - **[Square Holes and Bolsters](#)** iForge How to make hardie holes in solid.
  - **[3 Hardie Holes](#)** Fabricated hardie holes for DIY anvils.
  - **[3 MORE Hardie Holes](#)** More ways to make hardie holes for DIY anvils.
  
- **[Gallery of DIY Anvils](#)** Shop made anvils
  
- **[anvilfire Gallery of Anvils and Stakes](#)** Virtual museum of over 250 anvils and stakes.
  
- [Selecting an Anvil](#) Which is right for you?
- [Finding Anvils Anywhere in the World](#) How "finders" find anything.
  
- [My First Anvil](#)
  
- **Anvil Series**
  1. [Types and Specifications](#)
  2. [Buying used anvils](#)
  3. [Quality, welding and other anvil miscelania](#)
  4. [Anvil Radiuses](#) - Grinding corners
  5. [Testing Anvil Rebound](#)
  6. [Weight of Anvils](#)
  7. [Cast Steel vs. Forgings](#)
  8. [Styles and Preferences](#)
  9. [About Hardie Holes](#) Includes table of brands and sizes.
  10. [Anvil Stands](#) from the iForge page

- Grizzly and Chinese Cast Iron ASO's
- Fisher-Norris 'Eagle' Anvils
- German Anvils Comparison of types early and modern.
- Cheap Russian Anvil Product Review
- ASO's on ebay Dealer Fraud - avoiding getting stung.