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REF: Tools - 154

Grinders

Grinders can be used to de-burr and shape metal.

Bench Grinder

Before using a bench grinder, make sure it is bolted down first. Otherwise it can catch the piece you're working on just wrong and jump out at you while spinning.



Pedestal mounted bench grinder ¹⁾

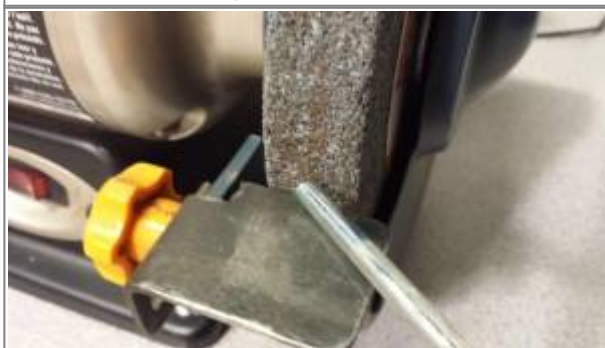
A bench grinder is useful for making pointed or angled ends in round stock, screws and bolts. The bolt needs to be placed just below center of the grinding disc or it will buck above that.



Rounding the end of a bolt ²⁾



This is a safer way to do it. ³⁾



Adding a point to a rod. ⁴⁾

Die Grinder



Die grinder used to put a curve in the end of a fabbed frame bung. ⁵⁾

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¹⁾
photo by IronMick of the XLFORUM

<https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-era-specific-and-model-specific/ironhead-sportster-motorcycle-talk-1957-1985/94624-suicide-clutch?s=424658be798801a11ec3d3639be63037&postid=2588488#post1974908>

2)

photo by Hippysmack

3) 4)

photos by xtremeskier97 of the XLFORUM

<https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-era-specific-and-model-specific/frame-mount-evo-sportster-talk-1986-2003-models/120929-rear-wheel-alignment-anyone-anyone/page3?t=1181995&page=3>

5)

photos by Jorgen of the XLFORUM

<https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-motor-engine/sportster-motorcycle-engine-conversions/149281-124-1993-xlh-build-thread/page27?page=27&t=1619616>

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