

Just click here to calculate how far the blank should protrude from the chuck

# INFO

Dec 2008  
Chucking Length

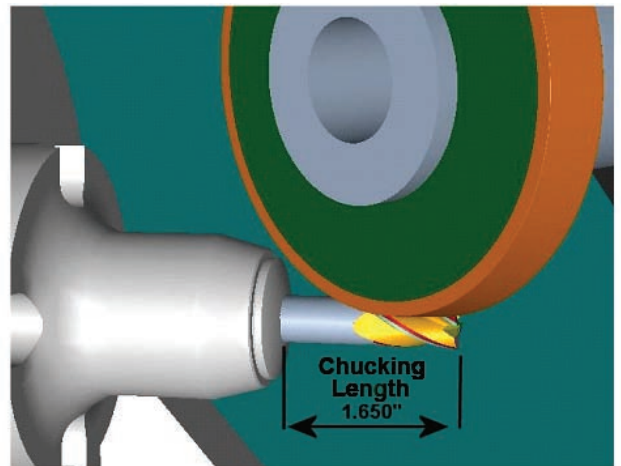
## Auto chucking length calculation saves money

Wouldn't it be nice to know exactly how far to put the blank into the holder to maximize rigidity and minimize grinding into the holder? Well, now there's a "Calculate" button for "Chucking length minimum." Tool Studio will automatically calculate how far the blank should protrude from the end of the holder so that the wheel will not grind into it. **That prevents grinding into expensive holders!**

Tool Studio determines the necessary clamping length based on the workholding you've selected and the geometry of both the wheels and the cutter. So it's easy to try different clamping devices and wheel dimensions to get the optimum solution for the tool you are making.

### Saves money on blanks too

Minimum required clamping length also influences the overall blank length, so this new feature helps you order blanks at the optimum length to save costs. Why use a 4" blank if a 3.5" blank will do?



After changing the workholding from the chuck used in the top photo, Tool Studio calculated that the blank needed to protrude only 1.650"



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