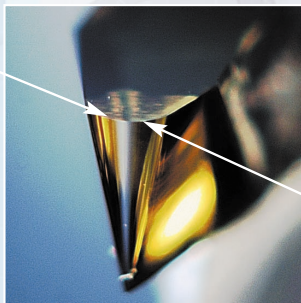


## Diamond is hard but also very brittle!

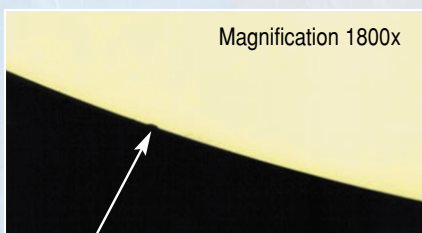
Force on top of cutting edge is OK.  
Force from below cutting edge will damage the tool!

OK



Not OK!

Never touch the diamond!  
It will damage the cutting edge!

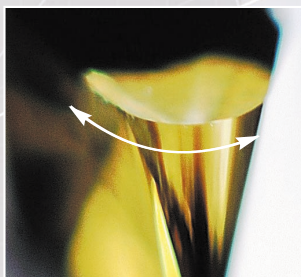
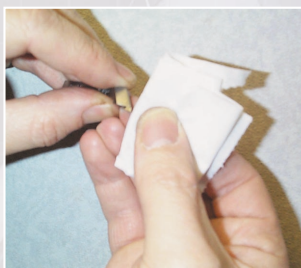


Magnification 1800x

Chip of about 2µm in cutting edge = beginning of tool wear!

## Cleaning the Tool!

- Clean the diamond always with a new tissue and spirits.
- Wipe always around the cutting edge. Never up and down the cutting edge.



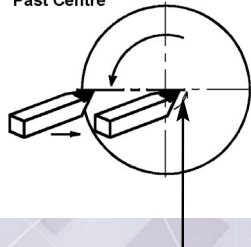
Gentle wipe around the cutting edge.

## Setting Tool Centre

Running the tool past centre WILL damage the cutting edge!

Always start before centre and adjust up to centre.

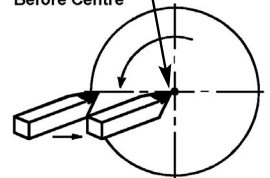
Past Centre



Material pushing from below WILL chip the cutting edge!

Material pushing from above is OK.

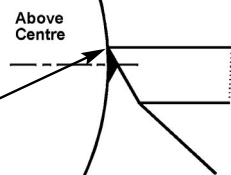
Before Centre



## Setting Tool Height

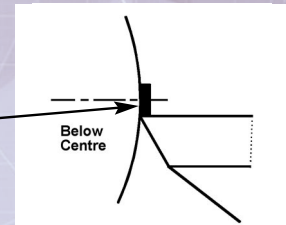
Tool above centre WILL damage the cutting edge!

Material pushing from below WILL chip the cutting edge!



Always start below centre and adjust up to centre.

Material pushing from above is OK.



Use the Cutting Height on the labels to set the tool!

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US ☎ (+1) 603 876 4908  
JPN ☎ (+81) 42 378 5072  
www.contour-diamonds.com

Tool# V17402  
Type: SCQ0300mLFCI/0.1  
Radius: 0,301mm  
Height: 4,191mm

Height used tool

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JPN ☎ (+81) 42 378 5072  
www.contour-diamonds.com

Tool# V17407  
Type: SQC0300mLFCI/0.1  
Radius: 0,275mm  
Height: 4,147mm

Height new tool

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