

## Trouble shooting guide - Routing

<b>Problem</b>	<b>Cause</b>
Breakage	Improper tool design Excessive spindle run out Excessive tool life Excessive table feed Stack vibration
Poor chip disposal	Improper tool design Excessive spindle run out Excessive tool life Insufficient vacuum system
Poor surface	Improper tool design Excessive spindle run out Excessive tool life Insufficient cutting design
Burr	Excessive table feed Improper tool design Excessive spindle run out Excessive stack height
Deflection	Insufficient table feed Excessive stack height Improper tool design

If you have any questions, please do not hesitate to contact us.

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