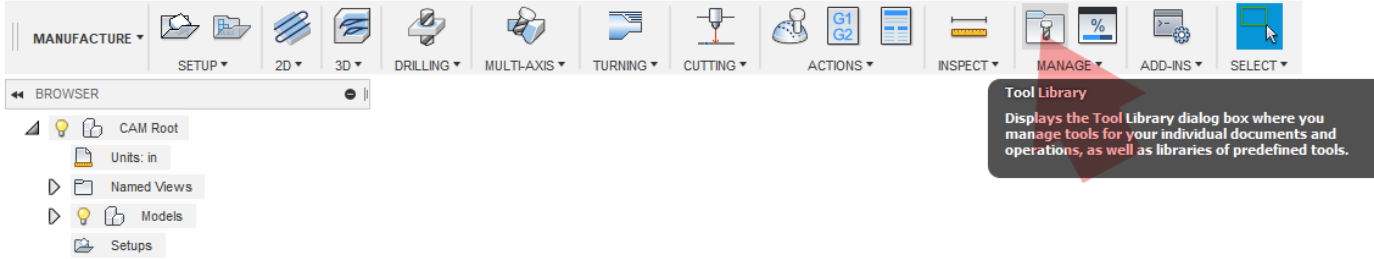


Speeds and feeds video

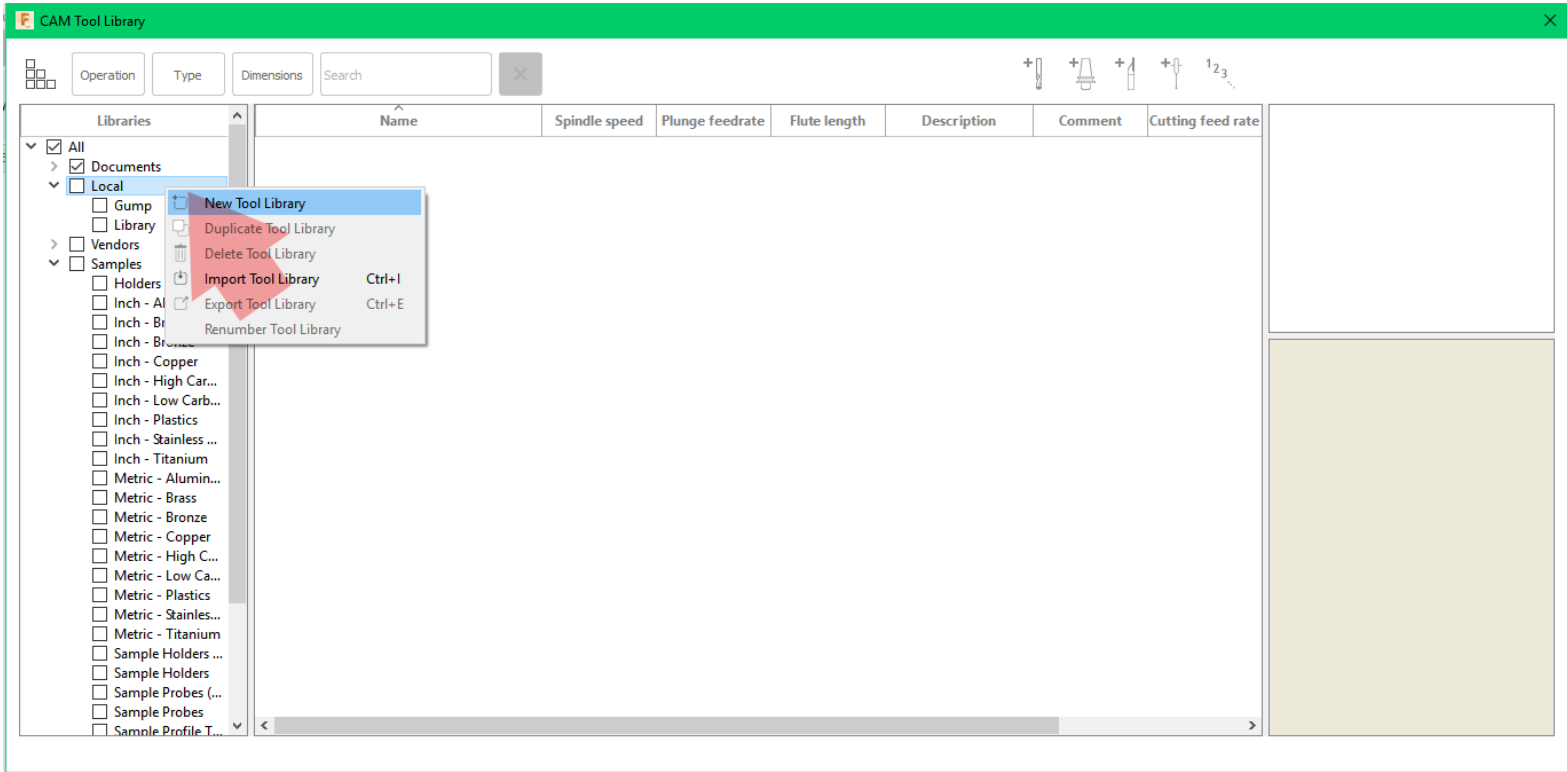
<https://www.youtube.com/watch?v=OXrGkCQ-pA&t=60s>

Creating Tool Library

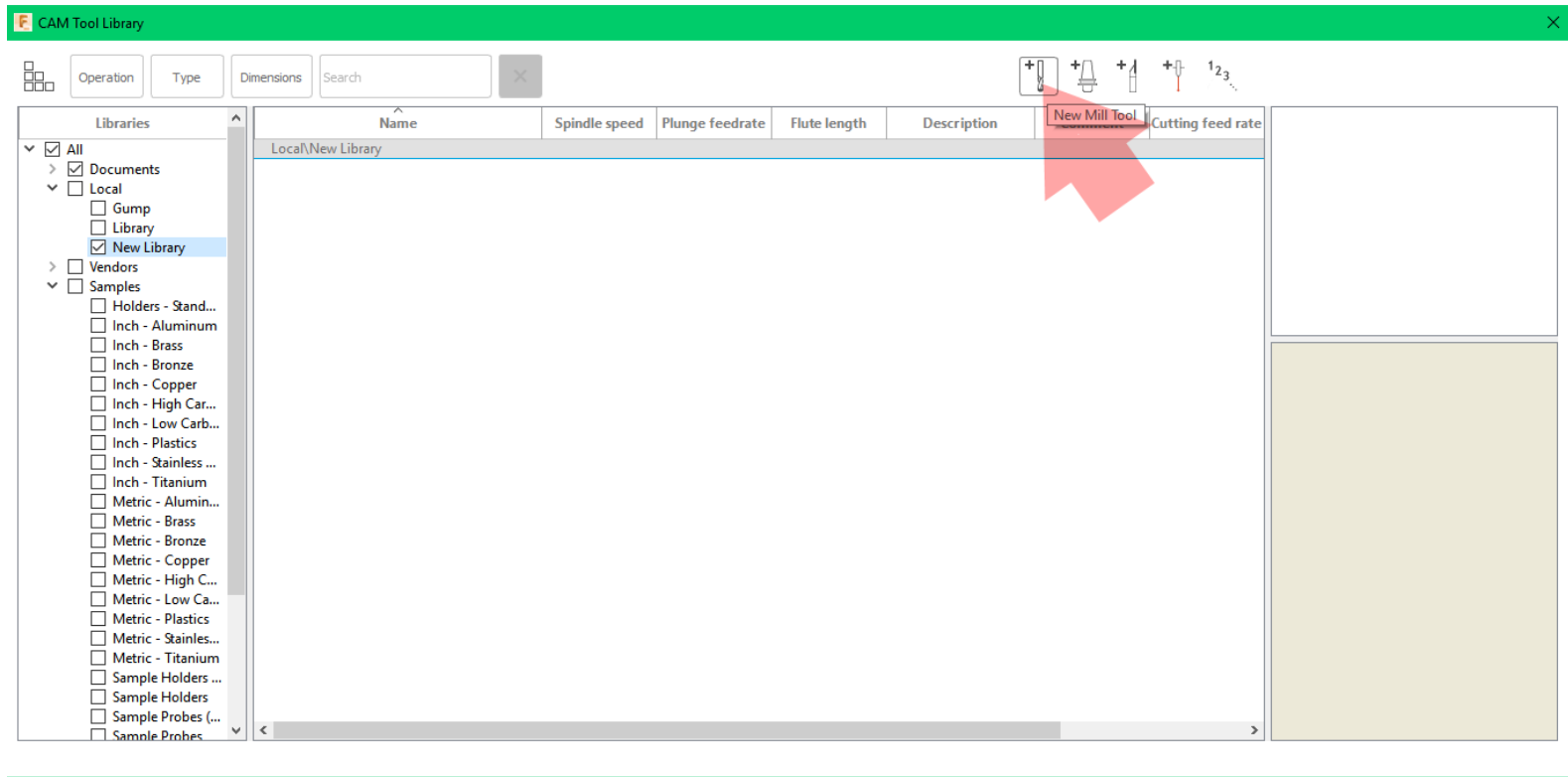
Manufacture Tab



Right click on "Local"
New Tool Library



New Mill Tool



General Cutter Shaft Holder Feed & Speed Post Processor

Info

Description:

-0.22 DoC

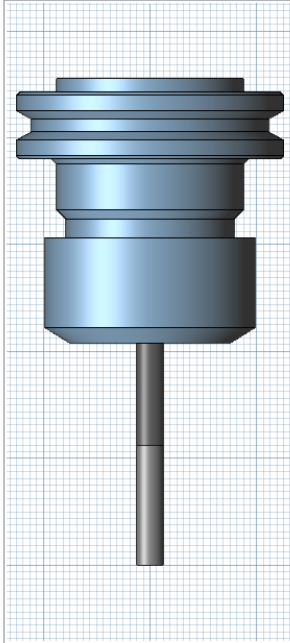
Vendor:

MSC

Product ID:


85321164

Product Link:



OK Cancel

General Cutter Shaft Holder Feed & Speed Post Processor

Type:  Flat end mill

Number of Flutes: 2

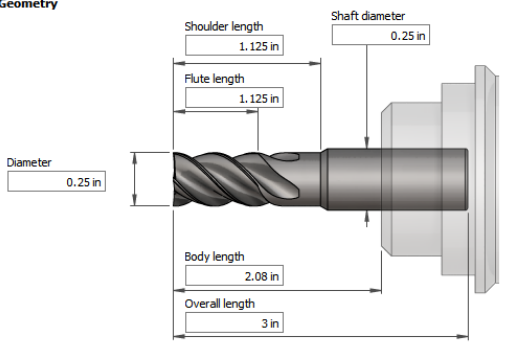
Material: Carbide

Clockwise spindle rotation

Through Tool Coolant: No

Unit: Inches

Geometry



Shoulder length: 1.125 in

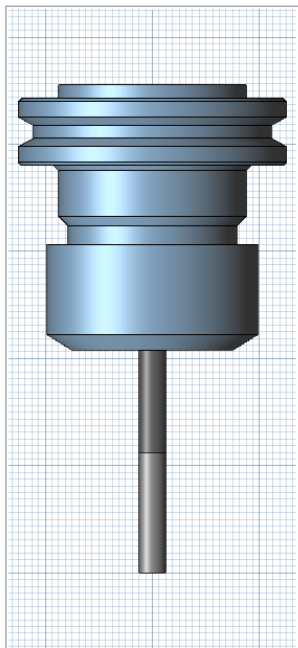
Flute length: 1.125 in

Diameter: 0.25 in

Body length: 2.08 in

Overall length: 3 in

Shaft diameter: 0.25 in



OK Cancel

General Cutter Shaft Holder Feed & Speed Post Processor

Speed

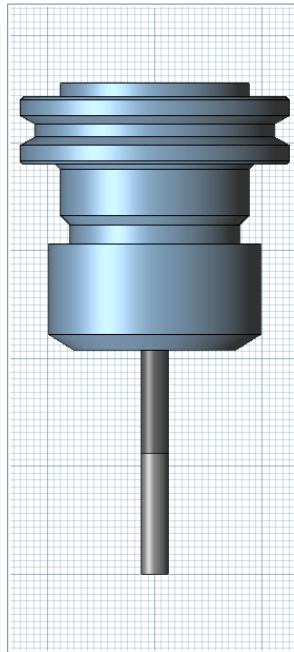
Spindle speed
10000 rpm

Surface speed
654.498 ft/min

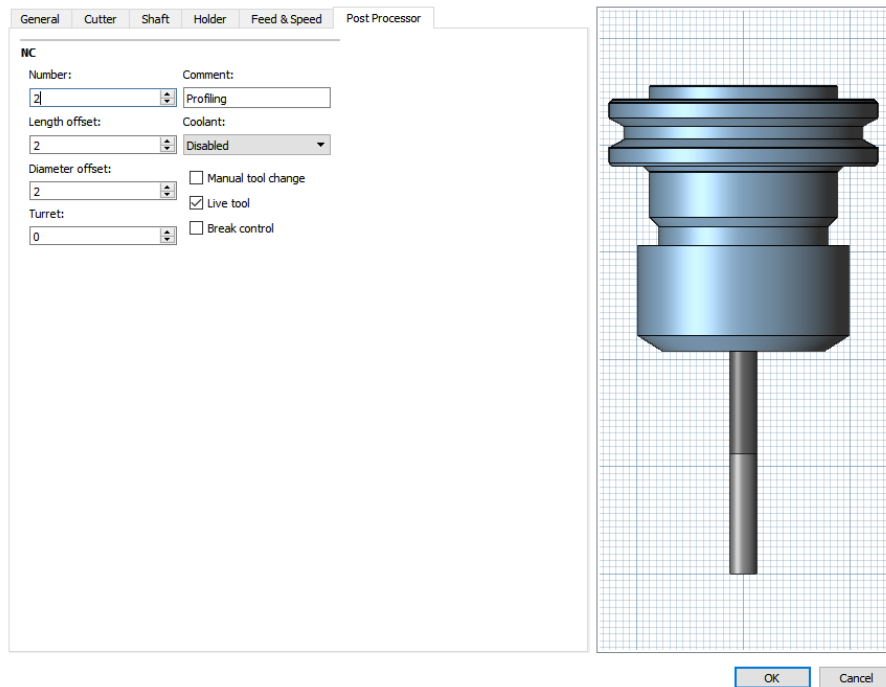
Ramp spindle speed
10000 rpm

Feedrates

Cutting feedrate	60 in/min	Feed per tooth	0.003 in
Lead-in feedrate	30 in/min		
Lead-out feedrate	30 in/min		
Ramp feedrate	30 in/min		
Plunge feedrate	30 in/min	Feed per revolution	0.003 in



OK Cancel



Numbers and Offsets may not be needed
May need to check manual tool change
Comments can be used to label same tool for different operations
Highlight maybes different color and expand on when and why