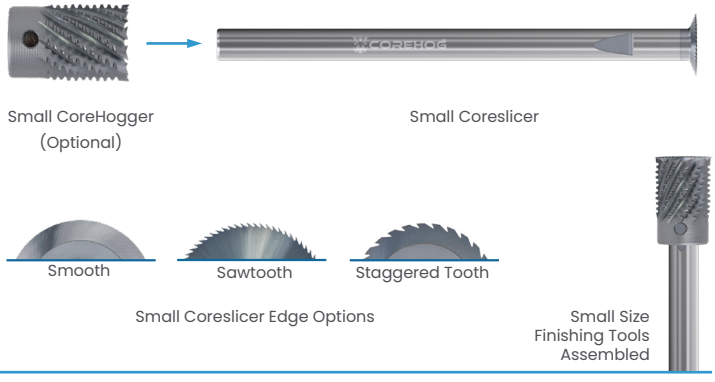
Assembly Pairing Guide

CoreHog's assembly style tooling allows for the selection of tools designed for specific materials, densities, and manufacturing styles. Different configurations increase efficiency, decrease costs, and provide you with machining flexibility.

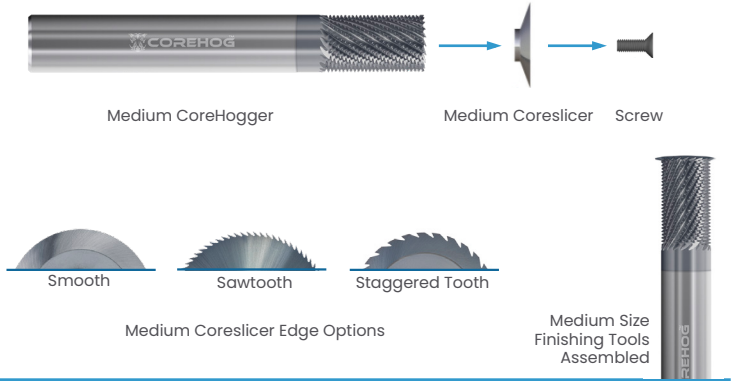
Small Size Finishing Tools
pg 13

Optimized for machining in small closed features, such as pockets, joggles, and closed walls, these assembly style tools are engineered for the superior finishing of honeycomb core materials.



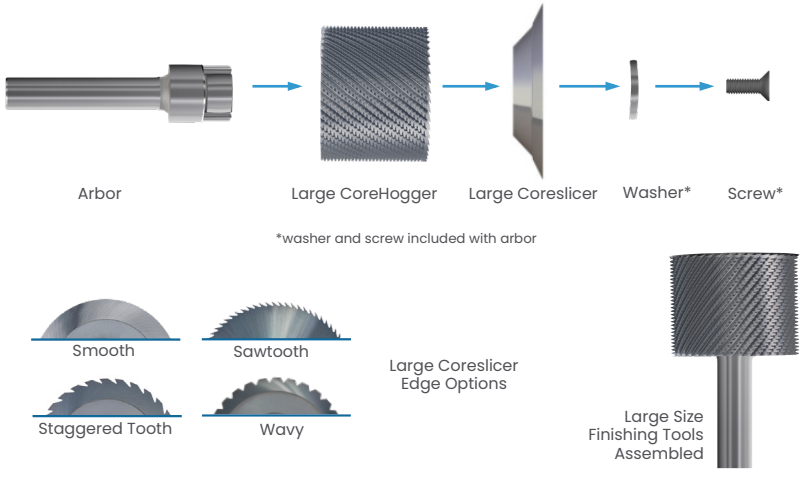
Medium Size Finishing Tools
pg 14

Designed for finishing honeycomb core materials, this assembly style CNC tooling is engineered for shaping smaller complex surfaces, bevels, and external radii.



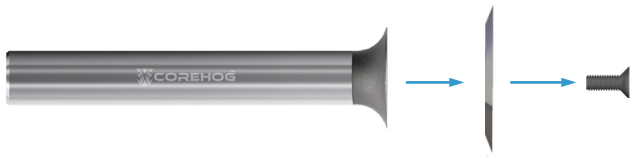
Large Size Finishing Tools
pg 16

Designed to vastly reduce cycle times while finishing honeycomb core materials, this assembly style tooling removes large volumes of material quickly, while providing excellent surface finish and keeping tool pressure and heat low.



Valve Cutters
pg 19

Assembly tooling engineered for machining honeycomb core materials and finishing thin features such as bevels and knife edge parts.



Valve Cutter Edge Options

Valve Cutters Assembled

Modular Rebating Tools
pg 27

The unique design of this modular-style tooling reduces setups, cost per cutter, and allows for flexibility with varying sandwich panel configurations.

Modular Rebating Tools Assembled

Coreslicer Edge Options

	Smooth	Staggered Tooth	Sawtooth	Wavy
materials	lighter density honeycomb core materials like Kevlar®, Nomex®, and aluminum core.	honeycomb core materials with densities of 6 pounds or higher like Kevlar® or Nomex®	honeycomb core materials with densities of 6 pounds or higher such as aluminum core.	heavier density materials like Kevlar®, Nomex®, and aluminum core
benefits	The Smooth Edge geometry is specially designed to produce flag-free finishes on large surface area parts.	The Staggered Tooth Edge geometry is designed for increased MRR while maintaining an excellent finish	The Sawtooth Edge geometry is engineered to increase MRR while maintaining an excellent finish	The Wavy Edge geometry is engineered to finish heavier density materials. Useful when machining parts that contain bond lines.