

Specialized Foam CNC Router Bits

Made specifically for milling EPS and polyurethane foam, including regular and tapered cutters in ball end and end mill styles.



Streamline Automation Ltd.
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THE TOOLS OF THE TRADE

FROGTools™ are a range of durable bits made specifically for milling EPS and polyurethane foam, including regular and tapered cutters in ball end and end mill styles. When used with **FROGMill™**, **FROGTools™** ensure that foam projects are milled with unparalleled accuracy, detail and clarity. Each **FROGTool™** is titanium nitride (TIN) coated to ensure the best in strength and durability. All standard sizes for common milling applications are maintained in stock and can be shipped immediately, with custom sizes available upon request.



WHY FROGTOOLS™

Better end products - **FROGTools™** are the only CNC foam tools that let you achieve depth and precision for foam carving applications. Tapered tools let you achieve high detail in deep cuts, improving the intricacy and detail of your products.

Increased productivity - With longer bits come deeper cuts and thicker slices with fewer passes, translating into less assembly and improved productivity.

Reduced Costs- **FROGTools™** are designed to last, saving you the costs of constant replacement.



SPECIFICATIONS

TYPE	SHANK	DIAMETER	CUTTING LENGTH	OVERALL LENGTH
Ball End Foam Cutting Tool	3/8"	1/4"	4 Inch Cutting	6"
Ball End Foam Cutting Tool	1/2"	1/2"	6 Inch Cutting	8"
Ball End Foam Cutting Tool	1/2"	1/2"	8 Inch Cutting	10"
Ball End Foam Cutting Tool	3/4"	3/4"	10 Inch Cutting	12"
Ball End Foam Cutting Tool	1"	1"	10 Inch Cutting	12"
Ball End Foam Cutting Tool	1"	1 1/2"	10 Inch Cutting	12"

TYPE	SHANK	DIAMETER	CUTTING LENGTH	OVERALL LENGTH
End Mill Foam Cutting Tool	3/8"	1/4"	4 Inch Cutting	6"
End Mill Foam Cutting Tool	1/2"	1/2"	6 Inch Cutting	8"
End Mill Foam Cutting Tool	1/2"	1/2"	8 Inch Cutting	10"
End Mill Foam Cutting Tool	3/4"	3/4"	10 Inch Cutting	12"
End Mill Foam Cutting Tool	1"	1"	10 Inch Cutting	12"
End Mill Foam Cutting Tool	1"	1 1/2"	10 Inch Cutting	12"

TYPE	SHANK	DIAMETER	CUTTING LENGTH	OVERALL LENGTH
Ball End Tapered Foam Cutting Tool	1/2"	1/8"	2 Inch Cutting	6"
Ball End Tapered Foam Cutting Tool	3/4"	1/4"	10 Inch Cutting	12"
Ball End Tapered Foam Cutting Tool	3/4"	1/2"	10 Inch Cutting	12"
End Mill Tapered Foam Cutting Tool	3/4"	1/4"	10 Inch Cutting	12"
End Mill Tapered Foam Cutting Tool	3/4"	1/2"	10 Inch Cutting	12"

* Please note that we are happy to advise on FROGTOOLS™ usage provided that they are being used with the FROG3D™. We are unable to provide support for FROGTOOLS™ being used on alternative platforms.

Specialized CNC Router Bits

A variety of specialized cutting tools for alternative materials such as wood, plywood, HDU, and plastics.



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THE TOOLS OF THE TRADE



FROGTools™ Sheet Goods are a selection of high-quality milling tools appropriate for machining a variety of alternative materials. This set includes a variety of cutters in ball end, end mill, and engraving styles. When used with **FROGMill™**, **FROGTools™** Sheet Goods ensure that all of your projects are milled with unparalleled accuracy, detail and clarity. Each tool is manufactured with the highest quality and accuracy to ensure the best in strength and durability.



SIZE SPECIFICATIONS

SPECIALTY

FROG #	KEYWORD DESCRIPTORS	TYPE	SHANK	DIAMETER	CUTTING LENGTH	OVERALL LENGTH
FT10062	3-Flute, Up-Cut Tapered Ball Mill	Tapered Ball Mill	1/4"	1/32"	1"	3"
FT10064	.0108" Tip, 30°, Engraver	Vbit	1/4"	1/4"	0.413"	2"
FT10058	2-Flute, Mortise Compression, End Mill	End Mill - Compression	1/4"	1/4"	1"	2 1/2"
FT10054	2-Flute, 90° Vbit	Vbit	1/2"	1 1/4"	9/16"	2 1/2"
FT10060	4-Flute, Surfacing, Flycutter	Flycutter	1/2"	1 1/2"	1/2"	2 1/4"

END MILLS

FROG #	KEYWORD DESCRIPTORS	TYPE	SHANK	DIAMETER	CUTTING LENGTH	OVERALL LENGTH
FT10056	1-Flute, Down-Cut, End Mill	End Mill	1/4"	1/4"	1"	2 1/2"
FT10059	1-Flute, Down-Cut, End Mill	End Mill	1/4"	1/8"	1/2"	2"
FT10061	2-Flute, Down-Cut, End Mill	End Mill	1/4"	1/8"	13/16"	2 1/2"
FT10063	2-Flute, Down-Cut, End Mill	End Mill	1/4"	1/4"	2"	2 1/2"
FT10057	2-Flute, Down-Cut, End Mill	End Mill	1/2"	1/2"	1 1/4"	3"

BALL NOSE END MILLS

FROG #	KEYWORD DESCRIPTORS	TYPE	SHANK	DIAMETER	CUTTING LENGTH	OVERALL LENGTH
FT10065	2-Flute, Up-Cut, Ball Nose	Ball Nose Mill	1/4"	1/8"	1/2"	2"
FT10055	2-Flute, Up-Cut, Ball Nose	Ball Nose Mill	1/4"	1/4"	1"	2 1/2"

* Please note that we are happy to advise on FROGTOOLS™ Sheet Goods usage provided that they are being used with the FROG3D® system. We are unable to provide support for FROGTOOLS™ Sheet Goods being used on alternative platforms.