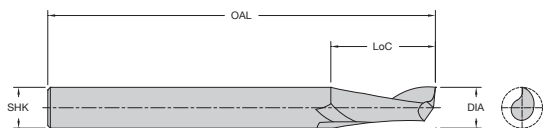
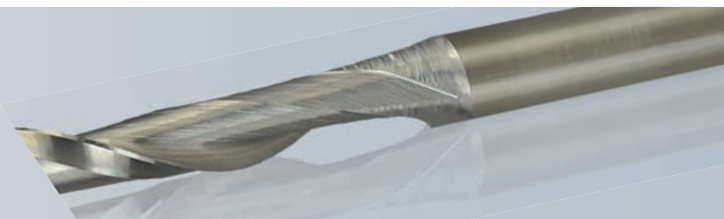


## 63-200 Series Upcut Spiral Wood Rout



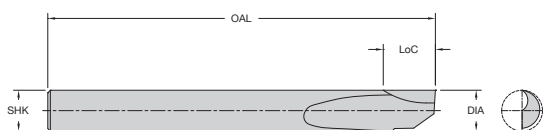
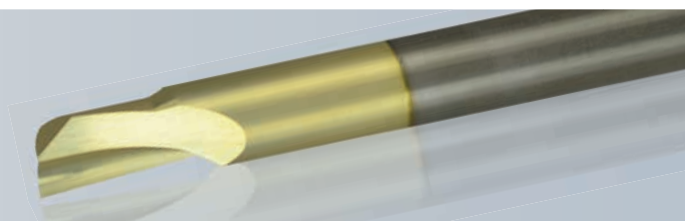
Designed for routing where aggressive upward chip removal is necessary in hand-fed or CNC applications. Tool rigidity, long life, and high quality finish are characteristic of these tools.

63-200 Series Single Flute - Solid Carbide **Upcut** Spiral Wood Rout Product Offering

Part Number	Cutting DIA (in)	LoC (in)	SHK DIA (in)	OAL (in)	Flutes
63-240	1/8	1/2	1/4	2	1
63-280	1/4	7/8	1/4	2-1/2	1

HELIX ANGLE  $\approx 30^\circ$

## 63-400 Series Upcut for Soft Aluminum



These tools are specially designed to cut soft grades of aluminum and create a good edge finish. The improved cutting geometry properly forms and evacuates the chips preventing chip rewelding.

63-400 Series Single Flute - Solid Carbide **Upcut** for Soft Aluminum (Coated) Product Offering

Part Number	Cutting DIA	LoC	SHK DIA	OAL	Coating	Flutes
63-420	3/16	1/4	1/4	2	ZRN	1
63-430	1/4	1/4	1/4	2	ZRN	1

63-400 Series Single Flute - Solid Carbide **Upcut** for Soft Aluminum (Coated) Product Offering - Metric

Part Number	Cutting DIA	LoC	SHK DIA	OAL	Coating	Flutes
63-450	5	6	6	64	ZRN	1
63-460	6	6	6	64	ZRN	1

Cutting Parameters

Part Number	RPM	Feed Rate
63-420	13,250	100 IPM
63-430	10,000	80 IPM
63-450	13,250	100 IPM
63-460	10,000	80 IPM