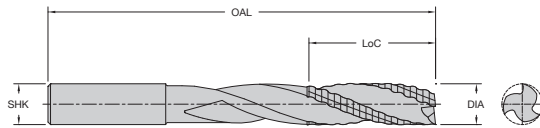
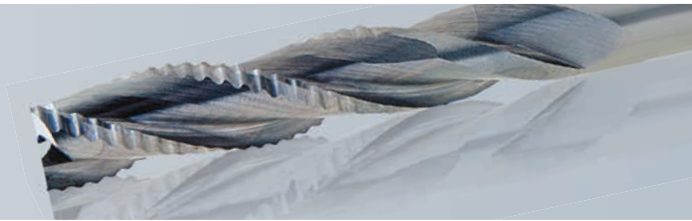


# 60-090 Series Upcut Lock Mortise



The scalloped upcut cutting edge design and extra spinback provide fast material removal in deep cuts for horizontal and vertical lock mortise routing.

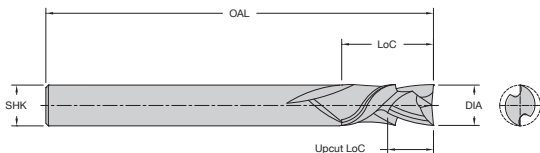
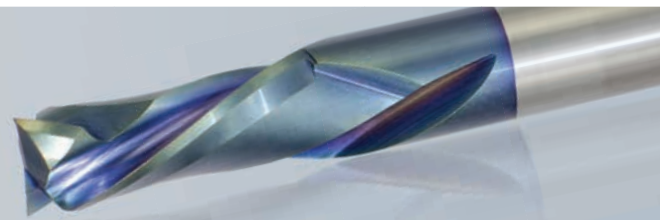
60-090 Series Three Flute - Solid Carbide <b>Upcut</b> Lock Mortise Product Offering						
Part Number	Cutting DIA (in)	LoC (in)	Max DOC (in)	SHK DIA (in)	OAL (in)	Flutes
60-090	5/8	2	4-1/2	5/8	6-1/2	3

HELIX ANGLE  $\approx 30^\circ$

60-090 Series Three Flute - Solid Carbide <b>Upcut</b> Lock Mortise Product Offering - Metric						
Part Number	Cutting DIA (mm)	LoC (mm)	Max DOC (mm)	SHK DIA (mm)	OAL (mm)	Flutes
60-091	16	50	114	16	170	3

HELIX ANGLE  $\approx 30^\circ$

# 60-100PLR Series Polaris Compression Spiral



The Polaris Compression Series is the latest advancement in compression tool technology by LMT Onsrud, the innovator of compression spiral tooling. The Polaris Compression Series has enhanced tooling geometry, which improves the cut quality, while achieving maximum productivity. Superior coating adhesion and performance is achieved through a pre-coating process that ensures durability and maximum tool life.

### Features and Benefits

- Advanced design geometry.
- Superior coating process.
- Reduced top and bottom layer delamination.
- Improved cut quality.
- Increased tooling longevity.



60-100PLR Series 2 Flute Compression Product Offering						
Part Number	Cutting DIA (in)	LoC (in)	Upcut LoC (in)	SHK DIA (in)	OAL (in)	Flutes
60-123PLR*	3/8	7/8	0.188	3/8	3	2
60-163PLR*	1/2	7/8	0.200	1/2	3	2
60-169PLR	1/2	1-1/8	0.562	1/2	3	2
60-173PLR*	1/2	1-3/8	0.200	1/2	3-1/2	2

\*MORTISE COMPRESSION

60-100PLR Series 3 Flute Compression Product Offering						
Part Number	Cutting DIA (in)	LoC (in)	Upcut LoC (in)	SHK DIA (in)	OAL (in)	Flutes
60-126PLR*	3/8	7/8	0.200	3/8	3	3
60-177PLR*	1/2	1-3/8	0.200	1/2	3-1/2	3

\*MORTISE COMPRESSION

60-100PLR Series Compression Product Offering-Metric						
Part Number	Cutting DIA (mm)	LoC (mm)	Upcut LoC (mm)	SHK DIA (mm)	OAL (mm)	Flutes
60-152PLR	6	22	4	6	64	1
60-153PLR	8	22	4	8	64	2
60-155PLR	10	22	4	10	76	2
60-156PLR	12	28	6	12	76	2