

LIGHTNING CUT™

SUCCESS AT LIGHTNING SPEED

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The Lightning Cut from Salem Fabrication Supplies is a premium line of high-speed, self-dressing diamond core drills. This line is part of our Storm Series of products and provides very smooth finish quality –even at higher feed-rates than those offered by industry standard products. Our Lightning Cut core drills are available in both 75 mm and 95 mm overall lengths.



Lightning Cut – Premium Self-Dressing Diamond Core Drills – 75 mm OAL

Salem's premium **75 mm OAL Lightning Cut** core drills are designed for rigorous use on **CNC machines**. Ask about our premium 95 mm OAL Lightning Cut core drills for Forvet™ machines!

BENEFITS

- Self-sharpening –no dressing is required
- High feed rates with very smooth finish quality
- Stainless steel body for extra durability
- Operator friendly –easy to use
- Readily available –short lead times on custom sizes
- Reduced production costs with:
 - Longer life and faster drilling speed
 - Consistent performance throughout drill life

USAGE INSTRUCTIONS

- No initial dressing is needed –ready to perform right out of the box
- Capable of feeds of up to 1.8 mm/sec
 - Run at 1.4 mm/sec for cleaner cutting

Lightning Cut – Standard Parameters (75 mm OAL)

Ø	RPM	Feed Rate	Item #
6.35 mm	4,300	1.0 - 1.8 mm/s	DD6.35LCP
9.5 mm	2,900	1.0 - 1.8 mm/s	DD9.5LCP
10 mm	2,700	1.0 - 1.8 mm/s	DD10LCP
11 mm	2,500	1.0 - 1.8 mm/s	DD11LCP
12.7 mm	2,200	1.0 - 1.8 mm/s	DD12.7LCP
14.28 mm	2,000	1.0 - 1.8 mm/s	DD14.28LCP
15.9 mm	1,750	1.0 - 1.8 mm/s	DD15.9LCP
19.05 mm	1,450	1.0 - 1.8 mm/s	DD19.05LCP
22.3 mm	1,250	1.0 - 1.8 mm/s	DD22.3LCP
25.4 mm	1,150	1.0 - 1.8 mm/s	DD25.4LCP

The standard working parameters listed on this chart is only for **Lightning Cut** core drills and may need adjustment depending on the working conditions. Higher feeds are possible, but may require an incremental increase of RPM.

CONTACT SALEM TODAY! LEARN MORE ABOUT OUR THUNDER CUT LINE!



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