

# 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 95 mm and 75 mm overall lengths.



## Lightning Cut – Premium Self-Dressing Diamond Core Drills – 95 mm OAL

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

Ø	RPM	Feed Rate	Item #
6.35 mm	4,300	1.0 - 1.8 mm/s	DD6.35LCLP
9.5 mm	2,900	1.0 - 1.8 mm/s	DD9.5LCLP
10 mm	2,700	1.0 - 1.8 mm/s	DD10LCLP
11 mm	2,500	1.0 - 1.8 mm/s	DD11LCLP
12.7 mm	2,200	1.0 - 1.8 mm/s	DD12.7LCLP
14.28 mm	2,000	1.0 - 1.8 mm/s	DD14.28LCLP
15.9 mm	1,750	1.0 - 1.8 mm/s	DD15.9LCLP
19.05 mm	1,450	1.0 - 1.8 mm/s	DD19.05LCLP
22.3 mm	1,250	1.0 - 1.8 mm/s	DD22.3LCLP
25.4 mm	1,150	1.0 - 1.8 mm/s	DD25.4LCLP

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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## Diamond Tooling

Core Drills | Countersinks | Cup Wheels | Peripheral Wheels | Routers



## Window Glass Products

Approved Cutting Fluids | Dual-Belt Seamers  
Edge Deletion Wheels | Material Handling  
Sanding Belts and Discs



## Abrasives

Loose Abrasives | Sanding Belts  
Sanding Discs | Wheel Dressing



## Polishing Products

Cerium Impregnated Wheels | Cerium Oxide | Cup Polishing Wheels  
Edge Deletion Wheels | Felt Wheels | Peripheral Polishing Wheels



## Coolants & Additives

Biocide | Coolants | Cutting Fluids  
Defoamer | Flocculant



## Glass Cutting

Cutting Wheels & Fluids



## Material Handling

Carry Vises | Carts, Racks & Tables | Cranes  
Dollies | Reinforcement Systems | Seamers  
Vacuum Hand Cups, Lifters, Rotators & Tilters



## Other Equipment

Dual-Belt Seamers | Markers  
Caster Tables



## Glazing Supplies & More

Adhesives | Cleaners | Cork & Felt Tabs  
Corner Protectors | Gloves | Hand Cutters  
Protective Coatings | Razor Blades | Sealants



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