

## Technical Data Sheet

### LDX METAL

*Extreme tool life when drilling repeat holes in thick and thin stainless steel*

#### USER INSTRUCTIONS

- Insert the hole Cutter into the electric drill.
- Secure the drill chuck jaws on three flats of the hole cutter shank.
- Begin drilling using light feed pressure until the hole cutter has begun drilling.
- Apply medium feed pressure once the cutter has engaged in material.
- Do not press the hole cutter strongly into the material after the pilot drill has penetrated as this may damage the carbide tips.
- Always use rotation hand drills with no impact or with a rotation only mode.

#### OPERATIONAL SPEED CHART

Size (mm)	Steel	Stainless Steel
14 - 21mm	700-1000 RPM	300-700 RPM
22 - 30mm	500-800 RPM	200-450 RPM
31 - 40mm	300-600 RPM	175-315 RPM
41 - 50mm	200-500 RPM	120-225 RPM
51 - 60mm	200-400 RPM	95-195 RPM
61 - 76mm	150-300 RPM	80-150 RPM
77 - 150mm	100-200 RPM	60-120 RPM



#### MATERIAL RECOMMENDATIONS

Mild Steel	●	● Very suitable
Stainless Steel	●	● Suitable
Cast Iron	●	● Suitable but better alternative
Aluminium	●	□ Not suitable
Brass	●	
Wood	□	
Plastic	●	

#### DID YOU KNOW?

Our life testing has shown that up to 350 holes can be drilled in stainless steel compared to just 10 holes with some standard holesaws

#### TECH TIP!

Using cutting oil will extend product life and is imperative in stainless steel. Try our cutting compound (ECC002)

## TECHNICAL ICONS



Use in power tools with a 3 jaw chuck  
10 & 13mm



Use in a portable drilling machine - LDX up to 50mm



Use in a fixed drilling machine - LDX 14-75mm



Screw thread dimension M6x6



Allen key size 3mm



Cutting Lubricant recommended



Wear eye protection



Wear hearing protection



Wear a face mask



Wear hand protection