

## Both Blades Engineered For Fire Rescue Cutting of Any Material Found at...



Cuts All Metals



Cuts Reinforced Concrete

- Fires
- Rescues
- Building Collapses
- Natural Disasters
- Terrorist Attacks
- Car, Bus, Train and Plane Accidents

### Either Blade Will Fit Any Make or Model Cut-Off Saw

#### Black Star Diamond Blade

##### Sizes:

12" (305 mm)  
14" (355.6 mm)  
16" (406.4 mm)

##### Recommended Blade Speed:

12" (305 mm) 3500 RPM  
14" (355.6 mm) 3200 RPM  
16" (406.4 mm) 3200 RPM

##### Maximum Blade Speed:

12" (305 mm) 6200 RPM  
14" (355.6 mm) 5350 RPM  
16" (406.4 mm) 5350 RPM

##### Depth of Cut:

12" - 4" (101.6 mm)  
14" - 5" (127 mm)  
16" - 6" (152.4 mm)

##### Arbor Size:

1" (25. mm) with .787 (20mm) and .866" (22mm) Arbor Adapters to fit all Cut-Off Saws. Convert 5/8" to 7/8" Arbor with knock-out spacer.

#### Black Diamond Blade

##### Sizes:

12" (305 mm)  
14" (355.6 mm)  
16" (406.4 mm)

##### Recommended Blade Speed:

12" (305 mm) 3740 RPM  
14" (355.6 mm) 3250 RPM  
16" (406.4 mm) 2810 RPM

##### Maximum Blade Speed:

12" (305 mm) 6300 RPM  
14" (355.6 mm) 5460 RPM  
16" (406.4 mm) 4725 RPM

##### Depth of Cut:

12" - 4" (101.6 mm)  
14" - 5" (127 mm)  
16" - 6" (152.4 mm)

##### Arbor Size:

1" (25.4mm) with .787 (20mm) and .866" (22mm) Arbor Adapters to fit all Cut-Off Saw brands

#### Black Diamond Blades for Angle Grinders

Size - Blade Diameter: 4.5" (114.3mm)  
Recommended Blade Speed: 9075 RPM  
Maximum Blade Speed: 13,300 RPM  
Depth of Cut: 7/8" (22.2mm)  
Arbor Size: 5/8" (15.8mm) Arbor  
7/8" (22.2mm) Arbor



Engineered for High Performance Fire Rescue Cutting Anything, Anytime, Anywhere

# Cutters Edge®

## Diamond Blades That Cut All Materials



Choose a Blade for Long Life or for High Speed Cutting

Fits All Rotary Saws - Available in 12", 14" and 16" Sizes  
With a 4.5" Blade for Angle Grinders

# Cutters Edge®

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# Cutters Edge Diamond Blades Cut Anything, Anywhere... Longer, Faster and Safer than Any Other Blades

**Choose the Blade Designed to Fit Your Cutting Profile**

**Choose The Black Diamond Blade if You Want:**

Vertical Gullet Design



✓ **The Fastest Cutting Speed**

- ✓ The versatility to cut any material, wet or dry, without changing blades
- ✓ A blade that can't be installed backwards because it cuts in either rotational direction
- ✓ A blade that doesn't get smaller in diameter as it cuts and is not affected by gasoline or gasoline fumes (like composite blades)
- ✓ A single blade that will last longer than up to 100 composite blades
- ✓ A blade with excellent value



More In-Line Cooling Ports = Faster, Cooler Cutting

Bi-Directional Wet or Dry Cutting Capability

**Choose The Black Star Diamond Blade if You Want:**

Vertical Gullet Design



✓ **Outstanding Blade Life and Excellent Cutting Speed**

- ✓ The highest concentration of diamonds and most stable matrix
- ✓ The versatility to cut any material, wet or dry, without changing blades
- ✓ A blade that cannot be installed backwards because it cuts in either rotational direction
- ✓ A blade that doesn't get smaller in diameter as it cuts and is not affected by gasoline or gasoline fumes (like composite blades)
- ✓ A single blade that will last longer than 150 composite blades
- ✓ A blade with outstanding value
- ✓ A Blade that may be the last blade you ever need to buy



Highest Concentration of Diamonds and Most Stable Matrix

Bi-Directional Wet or Dry Cutting Capability



4.5 Inch for All Angle Grinders

**The Black Diamond Blade Fits All Angle Grinders, Too.**

## Vacuum Brazing Exposes... **30% MORE** Diamond Cutting Surface

Vacuum Brazing permanently fuses the cutting diamonds to the substrate yet leaves 30% more diamond cutting surface exposed for longer blade life and faster cutting.

More Cutting Material



**Vacuum Brazing** uses a thinner, stronger layer of bonding alloy to permanently fuse the cutting diamonds to the substrate. This process leaves up to **30% MORE** diamond cutting face and edges exposed for faster cutting plus longer cutting life than electroplating.

Less Cutting Material



**Electroplating** requires a much thicker layer of bonding material to attach the diamonds to the substrate. The thicker layer can cover up to 75% of the cutting diamond and results in more heat buildup and shorter diamond cutting life.