



# HIGH SPEED BLADES & <20 HP WB BLADES: CONCRETE

# DIAMOND ABRASIVES

## PREMIUM

Best diamond quality with higher diamond concentration.  
Great performance and speed with best product life.



Item Number	Size	Application	Segment Height	Max RPM	List Price
425-03012	12" x .125" x 1" / 20mm DP	General Purpose Concrete	8mm	6400	385.16
425-03014	14" x .125" x 1" / 20mm DP	General Purpose Concrete	8mm	5500	447.82
425-03093	16" x .125" x 1" / 20mm DP	General Purpose Concrete	8mm	4700	582.41
425-06197	18" x .125" x 1" / 20mm DP	General Purpose Concrete	8mm	3400	753.39
425-04175	20" x .140" x 1" / 20mm DP	General Purpose Concrete	8mm	3000	859.19



## ULTRA VALUE

Better diamond quality with medium diamond concentration.  
Better performance with better life of product.



Item Number	Size	Application	Segment Height	Max RPM	List Price
425-08408	9" x .090" x .875"-DM-5/8"	General Purpose Concrete	11mm	6650	79.98
425-03095	12" x .125" x 1" / 20mm DP	General Purpose Concrete	12mm	6400	112.32
425-04177	14" x .125" x 1" / 20mm DP	General Purpose Concrete	12mm	5500	131.83
425-08086	16" x .125" x 1" / 20mm DP	General Purpose Concrete	12mm	4700	279.05
425-08087	18" x .125" x 1" / 20mm DP	General Purpose Concrete	12mm	3400	387.56
425-08088	20" x .125" x 1" / 20mm DP	General Purpose Concrete	12mm	3000	465.09



## BD CONCRETE

Good diamond quality with basic diamond concentration.  
Good performance and product life.



Item Number	Size	Application	Segment Height	Max RPM	List Price
425-06531	12" x .125" x 1" / 20mm	General Purpose Concrete	12mm	6400	100.18
425-06026	14" x .125" x 1" / 20mm	General Purpose Concrete	12mm	5480	105.46
425-07860	16" x .125" x 1" / 20mm	General Purpose Concrete	12mm	4700	226.03



### VIRGINIA ABRASIVES

# CHOOSING THE RIGHT DIAMOND TOOL

**What material am I cutting?**

Concrete Asphalt  
Brick Block

**What equipment will I be using?**

High Speed Walk Behind Masonry  
Tile Drill

**What size blade/tooling do I need?**

**Wet or Dry Cutting?**

Water or Air Cooling

**Price Range/Performance?**

Higher Price = Higher Quality = Greater Performance

	BD	Ultra Value	Premium
Diamond Quality	Good	Better	Best
Performance	Good	Better	Best
Price	Low	Medium	High



## HIGH SPEED TURBO BLADES

## DIAMOND ABRASIVES



### PREMIUM SEGMENTED RIM

Fast cutting blade with best diamond quality. Turbo rim reduces chipping and stays cool.



Item Number	Size	Application	Segment Height	Max RPM	List Price
425-05819 •	12" x .125" x 1" / 20mm DP	General Purpose Concrete	10mm	6400	394.29
425-05820	14" x .125" x 1" / 20mm DP	General Purpose Concrete	10mm	5500	489.97



### ULTRA VALUE CONTINUOUS RIM

Fast cutting blade with better diamond quality. Turbo rim reduces chipping. Vents for cooler quieter operation.



Item Number	Size	Application	Segment Height	Max RPM	List Price
425-03020 •	12" x .125" x 1" / 20mm DP	General Purpose Concrete	8mm	6400	261.57
425-03021	14" x .125" x 1" / 20mm DP	General Purpose Concrete	8mm	5500	307.28



## HIGH SPEED BLADES & <20 HP WB BLADES: ASPHALT



### PREMIUM

Best diamond quality with higher diamond concentration. Great performance and speed with best product life.



Item Number	Size	Application	Segment Height	Max RPM	List Price
425-04171 •	12" x .125" x 1" / 20mm DP	Asphalt	8mm	6400	385.16
425-04172	14" x .125" x 1" / 20mm DP	Asphalt	8mm	5500	447.82
425-03099	16" x .125" x 1" / 20mm DP	Asphalt	8mm	4700	582.41
425-04174	18" x .125" x 1" / 20mm DP	Asphalt	8mm	3400	753.39
425-04176 •	20" x .140" x 1" / 20mm DP	Asphalt	8mm	3000	859.19



### ULTRA VALUE

Better diamond quality with moderate diamond concentration. Better performance with better life of product.



Item Number	Size	Application	Segment Height	Max RPM	List Price
425-03094	12" x .110" x 1" / 20mm DP	Asphalt	7mm	6400	176.69
425-03078	14" x .110" x 1" / 20mm DP	Asphalt	7mm	5500	206.63
425-03102	16" x .110" x 1" / 20mm DP	Asphalt	7mm	4700	479.14
425-04194	18" x .110" x 1" / 20mm DP	Asphalt	7mm	3400	589.98
425-04195	20" x .110" x 1" / 20mm DP	Asphalt	7mm	3000	707.67



### BD

Good diamond quality with basic diamond concentration. Good performance and product life.



Item Number	Size	Application	Segment Height	Max RPM	List Price
425-08084	12" x .125" x 1" / 20mm	Asphalt	12mm	6400	93.02
425-06315	14" x .125" x 1" / 20mm	Asphalt	12mm	5480	138.63

• Non-stock item



## HIGH SPEED BLADES: MULTI-PURPOSE – ASPHALT, CONCRETE & METAL

## DIAMOND ABRASIVES



### SPARKIE

Use on concrete (including reinforced), asphalt, asphalt over concrete, pavers, blocks, and metal/steel up to 5/8" thickness.



Item Number	Size	Application	Segment Height	Max RPM	List Price
425-07831	14" x .125" x 1" / 20mm DP	Concrete, Asphalt, Metal, Pavers, & Block	10mm	5500	315.42



## SPECIALTY HIGH SPEED BLADES



### PREMIUM DUCTILE

Cuts ductile iron pipe, 1/2" angle iron, and #5 rebar. Silicon Carbide impregnated sides reduce binding.



Item Number	Size	Application	Segment Height	Max RPM	List Price
425-03097	12" x .125" x 1" / 20mm DP	Ductile w/ SiC Impregnated Sides	4mm	6400	462.21
425-03098	14" x .125" x 1" / 20mm DP	Ductile w/ SiC Impregnated Sides	4mm	5500	569.72
425-04178 •	16" x .125" x 1" / 20mm DP	Ductile w/ SiC Impregnated Sides	4mm	4700	683.13



### PREMIUM RESCUE/RESTORATION

Fast cutting of construction materials including siding, roofing, iron, rebar, and steel.



Item Number	Size	Application	Segment Height	Max RPM	List Price
425-05245 •	4" x 1/8" x 5/8" - 11	4" Rescue Blade	5mm	15300	88.77
425-05246	4.5" x 1/8" x 5/8" - 7/8"	4.5" Rescue Blade	5mm	13200	95.34
425-05247 •	7" x 1/8" x Universal	7" Rescue Blade	5mm	8600	161.11
425-05249	12" x 1/8" x 1" / 20mm DP	12" Rescue Blade	5mm	6400	409.39
425-05243	14" x 1/8" x 1" / 20mm DP	14" Rescue Blade	5mm	5500	486.03
425-06637	16" x 1/8" x 1" / 20mm DP	16" Rescue Blade	5mm	4700	585.46



## EARLY ENTRY 5/8" ARBOR



### PREMIUM

Green concrete & early entry. Professional grade for demanding customers. Designed to get the job done fast.



Item Number	Size	Application	Segment Height	Max RPM	List Price
425-04227 •	7" x .095" x 5/8"	Green Concrete & Early Entry	12mm	8600	132.90
425-03005	8" x .095" x 5/8"	Green Concrete & Early Entry	12mm	7500	158.28
425-04229	9" x .095" x 5/8"	Green Concrete & Early Entry	12mm	6600	176.08

• Non-stock item