

DID YOU KNOW ...

DIAMOND BLADES ARE THE CHOICE OF PROFESSIONALS VS. ABRASIVE BLADES FOR FASTER CUT RATE, CONSTANT DEPTH OF CUT AND LESS DOWNTIME?

MARKETS: Stone, Construction, Landscaping

MACHINES: Used on angle grinders, stationary and hand-held masonry saws, hand-held high-speed saws, tile saws, and flat saws



TIERS:

- Best Performance –     
- High Performance –    
- Consistent Performance –   

APPLICATIONS: Cutting or grinding with an Angle Grinder - Small diameter blades can be used on an angle grinder as long as the grinder is properly guarded to accept the blade. Typical applications can include metal fabrication, tile installation, masonry work or general purpose cutting. Sizes - 4" - 9".

Cutting with a Masonry Saw - Masonry blades vary in size, thicknesses and segment configurations depending on the application and saw horsepower. Used on portable masonry saws up to the professional large production saws. Most popular sizes are 14", 20" and 24" blades. Masonry blades can also have silent technology like the DUO Masonry by having specially laser cut cores to sandwich cores like the Silencio. Typical applications include landscaping, swimming pool work, brick and block masonry and refractory applications.

Cutting with a High-Speed Gas Saw – Portable gas saws are the tool of choice for many contractors because they run on gas where many construction sites are without power. Gas saws perform many tasks, cutting a wide range of materials from stacked rebar to masonry brick and block to road patching on asphalt or concrete. Sizes - 12", 14" and 16".

Cutting with a Tile Saw - These blades come in a variety of sizes and thicknesses depending the material being cut and the saw being used. Most popular are 4", 7" and 10" saws. Saw range from small table top to medium and large portable units on stands. Typical applications mostly include professional and DIY tiling applications. Sizes - 4" - 10". Continuous rim for smooth fine edges, turbo rims for a faster cutting process, and segmented rim for general purpose and long life cutting.

Cutting with a Push Flat Saw - Comes in a wide array of blades and configurations. Push saws range from 3HP electric to 13HP gasoline saws. Most common saws have a 10", 14", 16" or 18" blade capacity. The blades are segmented, some with undercutting technology with drop segments and a variety of core thicknesses. Typical application can include small concrete work, curb cutting, expansion joint cutting and patch work. Sizes most commonly follow the blade guard sizes for maximum cutting depth.

Cutting with a Self-Propelled Flat Saw - Comes in a wide array of blades and configurations. Self-propelled saws can be electric, gasoline or diesel powered units and with horse power from 13HP gasoline up to 59HP diesel and larger. Blade guard sizes are 20", 26" (for the most common production work) and 30". The blades are segmented, some with undercutting technology with drop segments and a variety of core thicknesses. Typical application can include general concrete work, green concrete cutting, patch work and large production jobs like highway and airport work. Sizes most commonly follow the blade guard sizes for maximum cutting depth.

EQUIPMENT TO BLADE TABLE:

TOOL	APPLICATION	   	   	  
Angle Grinder	Cutting and Grinding	DUO	Charger	Classic
Masonry Saw	Cutting Brick and Block	Silencio, AeroJet	Charger	Classic Series
High-Speed Saw	Cutting Concrete, Rebar, Block	DUO/4X4	3X3, Charger	ValuPlus, Classic
Tile Saw	Cutting Tile	Slicer	Charger	ValuPlus, Classic
Flat Saw – Push	Cutting Concrete and Asphalt	DUO	Charger	Classic
Flat Saw – Self-Propelled	Cutting Concrete and Asphalt	GMAX, Paradigm	Charger	Classic

Continued on back.

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ANGLE GRINDER

PART #	NORTON #	SIZE	WET/ DRY	MAX RPM	SEG HEIGHT
General Purpose and Masonry Building Materials					
DUO					
0893848	70184684526	4-1/2" x .086" x 7/8"-5/8"-20mm	Dry	13300	0.393"
0893849	70184684527	5" x .086" x 7/8"-5/8"-20mm	Dry	12000	0.393"
CHARGER					
0849595	70184681505	4" x 0.080" x 5/8"-7/8"-20mm	Dry	15000	0.393"
0885338	07660704021	4-1/2" x .080" x 7/8"-5/8"-20mm	Dry	13300	0.393"
0849597	70184682851	5" x 0.080" x DM-5/8"-7/8"	Dry	12000	0.393"
0849598	70184683820	6" x 0.080" x 5/8"-7/8"-20mm	Dry	10185	0.393"
0885337	07660704020	7" x .090" x DM-7/8"-5/8"	Dry	8730	0.393"
0849600	70184681513	8" x 0.090" x DM-5/8"-7/8"	Dry	7640	0.393"
0893770	70184669483	9" x .090" x DM-7/8"-5/8"	Dry	6600	0.393"

MASONRY SAW

PART #	NORTON #	SIZE	WET/ DRY	MAX RPM	SEG HEIGHT
Natural Stone and Tiles					
SLICER					
0825553	70184684534	14" x .125" x 1"	Wet	4365	0.59"
0825554	70184684535	20" x .125" x 1"	Wet	3055	0.59"
NORTON CLASSIC					
0849534	70184681331	14" x .100" x 1"	Wet	4365	0.263"
0849535	70184681332	20" x .125" x 1"	Wet	3055	0.263"
General Purpose and Masonry Building Materials					
NORTON CLASSIC					
0849556	70184681428	14" x .125" x 1"	Dry	4365	0.263"
0849557	70184681429	20" x .125" x 1"	Dry	3055	0.263"
Asphalt and Abrasive Materials					
CHARGER					
0849548	70184681330	14" x .100" x 1"	Dry	4365	0.326"
0849549	70184681424	20" x .125" x 1"	Dry	3055	0.326"

HIGH-SPEED SAW

PART #	NORTON #	SIZE	WET/ DRY	MAX RPM	SEG HEIGHT
Multi Purpose, All Materials					
4X4 MAX CUT					
0809927	70184645927	12" x .110" x 1/20mm	Dry	6300	0.472"
0809928	70184645926	14" x .125" x 1/20mm	Dry	5460	0.472"
4X4					
0804733	70184684548	12" x .125" x 1/20mm	Dry	6300	0.393"
0804734	70184684547	14" x .125" x 1/20mm	Dry	5460	0.393"
3X3					
0804682	70184647499	14" x .118" x 1/20mm	Dry	5460	0.314"
Reforced Concrete and Harder Building Materials					
DUO					
0849411	70184683611	12" x .110" x 1/20mm	Dry	6300	0.393"
0849412	70184683612	14" x .110" x 1/20mm	Dry	5460	0.393"
HIGH SPEED SAW CUTTING - Natural Stone and Tile					
AERO-JET					
0849421	70184683785	14" x .125" x 1/20mm	Dry	5460	0.472"

TILE SAW

PART #	NORTON #	SIZE	WET/ DRY	MAX RPM	SEG HEIGHT
Natural Stone and Tiles					
SLICER					
0849584	70184684183	7" x 0.060" x 5/8"	Wet	8730	0.393
0849585	70184684184	8" x 0.060" x 5/8"	Wet	7640	0.393
0849586	70184684185	10" x 0.060" x 5/8"	Wet	6115	0.393
AERO-JET					
0849617	70184683778	4" x 0.070" x 5/8"- 7/8"- 20mm	Dry	15000	0.472
0849618	70184683779	4-1/2" x 0.070" x 5/8"-7/8"-20mm	Dry	13300	0.472
0849619	70184683780	5" x 0.080" x 5/8"-7/8"-20mm	Dry	12000	0.472
0849620	70184683781	7" x 0.095" x DM-5/8"-7/8"	Dry	8730	0.472
0849621	70184683782	8" x 0.095" x DM-5/8"-7/8"	Dry	7640	0.472

FLAT SAW – PUSH

PART #	NORTON #	SIZE	WET/ DRY	MAX RPM	SEG HEIGHT
Asphalt and Abrasive Materials (Green)					
GMAX					
0849505	70184683758	8" x .095" x 5/8"-7/8"	Dry	8730	0.295"
0893774	70184675125	9" x .110" x 7/8"-5/8"	Dry	6600	0.295"
0893834	70184684508	10" x .110" x 1"-7/8"-5/8"	Dry	6115	0.295"
Reinforced Concrete and Harder Building Materials - Hard Aggregates					
CHARGER					
0849442	70184681365	14" x .125" x 1"	Wet	4365	0.41"
0849443	70184681367	18" x .125" x 1"	Wet	3395	0.41"
Reinforced Concrete and Harder Building Materials - Medium Aggregates					
CHARGER					
0849450	70184681366	14" x .125" x 1"	Dry	4365	0.41"
0849451	70184681368	18" x .125" x 1"	Dry	3395	0.41"
Asphalt and Abrasive Materials					
CHARGER					
0849481	70184681478	14" x .125" x 1"	Wet	4365	0.326"
0849482	70184681479	18" x .125" x 1"	Wet	3395	0.326"
DUO ASPHALT					
0849501	70184684315	14 x .125 x 1	Dry	4365	0.393"
0893857	70184684544	16" x .125" x 1/20mm	Dry	4725	0.393"

FLAT SAW – SELF-PROPELLED

PART #	NORTON #	SIZE	WET/ DRY	MAX RPM	SEG HEIGHT
Reforced Concrete and Harder Building Materials					
CHARGER					
0849444	70184683918	20" x .125" x 1"	Wet	3055	0.41"
0849446	70184683919	24" x .175" x 1"	Wet	2550	0.41"
0849447	70184681471	26" x .155" x 1"	Wet	2350	0.41"
0893795	70184683920	30" x .175" x 1"	Wet	2040	0.41"
0893796	70184683921	36" x .187" x 1"	Wet	1700	0.41"
Asphalt and Abrasive Materials					
CHARGER					
0893797	70184683927	24" x .175" x 1"	Dry	2550	0.326"
0893798	70184683928	26" x .155" x 1"	Dry	2350	0.326"
0893799	70184683929	30" x .175" x 1"	Dry	2040	0.326"
0893801	70184684024	36" x .187" x 1"	Dry	1700	0.326"

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