

SAW BLADES

**"YOUR LAPIDARY
GENERAL STORE"**



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ABOUT DIAMOND SAW BLADES IN GENERAL

MLS HAS OVER 400 DIAMOND SAW BLADES IN STOCK. WE STOCK 3 BASIC TYPE OF BLADES, THESE TYPES ARE:

1. NICKEL BONDED RIM DIAMOND BLADES.
2. NOTCHED RIM BLADES.
3. CONTINUOUS SINTERED RIM BLADE.

NICKEL BONDED RIM DIAMOND BLADES - Stocked in sizes from 4" to 10" diameter. Made in thinner thicknesses available in 1/2" and 5/8" arbors. Made by bonding the maximum concentration of diamonds to the edge or rim of the blade core. Used for trim saws to preform slabs. For very rapid cutting with minimum loss of material. Can usually be used with both water based and oil based lubricants. These type blades usually have a stainless steel core.

NOTCHED RIM BLADES - The old standby in diamond blades for the lapidary industry. Stocked in sizes from 6" to 24" diameters (available up to 36" diameter) in many different thicknesses and arbor diameters. This blade can be used in both trim sawing and slabbing operations. Made by filling hundreds of "notches" cut into the rim of the a blade with a metal/diamond compound. This compound is "melted" into the notches to hold it into place. These blades must usually be run in an oil based lubricant. **CAUTION: Notched rim blades should be sharpened after every 4th or 5th cut!!!**

CONTINUOUS SINTERED RIM BLADES - Perhaps the best technology blade on the market today. Stocked in sizes from 4" to 24" diameters (available up to 36" diameter) in many different blade thicknesses and arbor diameters. These blades can be used for both trim and slabbing operations. These blades are made by bonding (sintering) a very thick layer or rim of a specially formulated bronze/brass/diamond mixture to a steel core. This means as the outer edge of the blade wears away a new fresh layer of diamonds is exposed. Smaller diameter sintered blades (10" diameter and under) can be run in water based lubricants if the saw body is designed for water. They work exceptionally well when used with oil based lubricants. Blades of this style larger than 14" diameter are segmented due to differential thermal expansion between the core and edge.

LAPCRAFT's **DIA-LASER** DIAMOND SAW BLADES: These plated diamond circular saw blades are essential when cutting precious materials. They are available in ultra-thin thicknesses which slice with minimal material loss. These blades unique "cutting teeth" are premium, multi pointed diamond crystals chosen for their strength and sharpness. These cutting points are securely nickel plated onto rust proof, circular full-hard stainless steel bodies.

J.B.F.C.'s **PRO-SLICER**: The Pro-Slicer blade is a new concept in plated rim blades. Pro-Slicers are crafted by an entirely new process, from space age technology. The cutting edge is literally paved with diamonds. Thousands of diamonds are **TIGHTLY PACKED** onto the edge. Each and every diamonds is locked in a working position, 100% of the time, from the first slice to the last, allowing you to cut much faster and easier, This is no **SHORT LIFE** hobby blade.

BLADE DIAMETER X CORE THICKNESS	LAPCRAFT DIA- LASER				J.B.F.C. PRO-SLICER			
	ARBOR DIAMETER	KERF THICKNESS	MLS PART No.	Price	ARBOR DIAMETER	KERF THICKNESS	MLS PART No.	Price
4" X .004"	1/2"	.010"	600010	\$30.00	1/2"	.007"	670010	\$22.50
4" X .004"	5/8"	.010"	600020	\$30.00	5/8"	.007"	670020	\$22.50
4" X .012"	1/2"	.024"	600030	\$30.00	1/2"	.016"	670030	\$27.50
4" X .012"	5/8"	.024"	600040	\$30.00	5/8"	.016"	670040	\$27.50
5" X .004"	1/2"	.010"	600050	\$35.00	N/A	N/A	N/A	N/A
5" X .004"	5/8"	.010"	600060	\$35.00	N/A	N/A	N/A	N/A
5" X .012"	1/2"	.024"	600070	\$35.00	N/A	N/A	N/A	N/A
5" X .012"	5/8"	.024"	600080	\$35.00	N/A	N/A	N/A	N/A
6" X .006"	1/2"	.014"	600090	\$40.00	1/2"	.009"	670070	\$27.70
6" X .006"	5/8"	.014"	600100	\$40.00	5/8"	.009"	670080	\$27.70
6" X .012"	1/2"	.024"	600110	\$40.00	1/2"	.016"	670090	\$27.70
6" X .012"	5/8"	.024"	600120	\$40.00	5/8"	.016"	670100	\$27.70
6" X .024"	5/8" - 1/2"	.045"	600130	\$45.00	5/8" - 1/2"	.032"	670110	\$31.15
8" X .012"	5/8" - 1/2"	.024"	600140	\$55.00	5/8" - 1/2"	.016"	670120	\$39.75
8" X .025"	5/8" - 1/2"	.045"	600150	\$60.00	5/8" - 1/2"	.032"	670130	\$39.75
10" X .015"	N/A	N/A	N/A	N/A	5/8" - 1/2"	.019"	670140	\$55.30
10" X .032"	N/A	N/A	N/A	N/A	5/8" - 1/2"	.040"	670150	\$55.30