

# American Saw And Products Inc

## **SOLID CARBIDE**

### SAWS

Cut-off

Slotting / Slitting

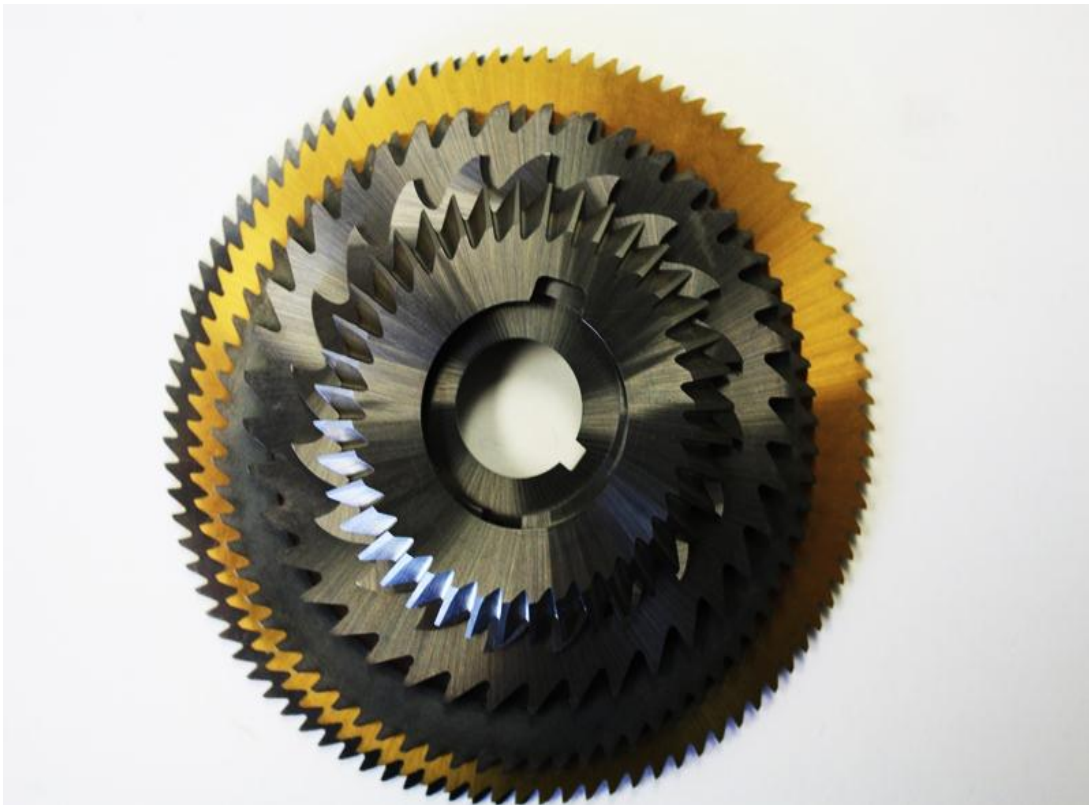
Special Form

### MILLING CUTTERS

Single Angle

Multiple Angle

Special Form



**American Saw And Products Inc.** \* 1054 Monroe Rd \* Lebanon, Ohio 45036

Phone (513)-683-4065 \* FAX (513)-683-4875

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Web Site: [americansawandproducts.com](http://americansawandproducts.com)

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**PRICE – QUALITY – SERVICE**

# American Saw And Products Inc.

We opened in April 2004. We specialized in carbide saw blades primarily used in automatic screw machines for the cut-off application. What made us different was our dedication to quality and customer service. These traits have led to consistent growth and added products.

The philosophy of **PRICE – QUALITY – SERVICE** is not just a series of words. We support our customers with fair pricing for high quality and the best service in the industry. We also provide technical support for our tools above and beyond the competition. We have over 35 years of experience in manufacturing which includes layout, set – up and actual hands on machining of the tools we sell.



CNC SAW GRINDING EQUIPMENT

We maintain an extensive inventory of material to assist our customers with their needs. We will stock finished product upon request.

**PRICE – QUALITY – SERVICE**

# American Saw And Products Inc.

1054 Monroe Rd  
Lebanon, Ohio 45036  
Ph. 513-683-4065  
Fax. 513-683-4875

**NEW!!!!**

**SOLID CARBIDE**  
**HIGH SPEED SLOTTING SAWS**



Our new geometry will improve your slotting ability. When slotting it is crucial to have a strong tooth geometry that can control the chips created while cutting. Combining the strength with our new geometry will allow for higher feed rates while slotting by moving the chips in a controlled manner. The material and application will determine the final geometry and tooth form.

By making the tool to match the application we can greatly affect IPM on all machines. We have geometry that will cut up to 1000 IPM in Aluminum and Copper. We will design the right geometry for your application. Do not settle for a stock saw when you can get the right saw.

#### STOCK SIZES AVAILABLE

Thickness	Diameter	ID	Teeth
.040 - .080	2.25	1.00	TBD
.045	2.75	1.00	TBD
.045 - .093	3.50	1.00	TBD
.032 - .093	4.00	1.00	TBD

Contact us for other sizes. We do have other material available.

Teeth will be determined by application.

Prints with your specifications will be maintained on file for all tools.

Coatings available

**PRICE – QUALITY - SERVICE**

# American Saw And Products Inc.

1054 Monroe Rd. # 203  
Lebanon, Ohio 45036  
Ph. 513-683-4065  
Fax. 513-683-4875



## SOLID CARBIDE SAWS

C-2 Micro-grain  
10% Cobalt

**HIGH POLISHED FINISH**

Tolerances: OD: +/- .005  
Thickness: +/- .0005  
ID: + .0005 / -.000

Material and application will determine geometry and tooth form. Cut – off angle up to 20 degrees. We will design the right geometry for your application. Do not settle for a stock saw when you can get the right saw.

## STANDARD PRICING

DIAMETER	THICKNESS	ID	TEETH	TOOL #	QUANTITY PRICING			
					1	2-5	6-11	12-24
1.75	.032 - .045	1.0	36 – 90	175001100	85.17	76.43	67.74	62.05
1.75	.046 - .064	1.0	36 – 90	175002100	90.47	79.48	73.33	67.41
2.00	.032 - .045	1.0	36 - 90	200001100	106.62	88.22	84.48	77.20
2.00	.046 - .075	1.0	36 – 90	200002100	107.62	89.22	85.48	78.20
2.00	.075 - .100	1.0	36 – 90	200003100	111.99	93.64	89.99	82.56
2.50	.032 - .045	1.0	40 – 100	250001100	116.91	98.44	94.83	87.44
2.50	.046 - .075	1.0	40 – 100	250002100	123.77	105.44	101.66	94.29
2.75	.032 - .045	1.0	40 – 120	275001100	141.20	122.79	119.13	111.79
2.75	.046 - .075	1.0	40 – 120	275002100	144.08	125.68	122.00	114.60
3.00	.032 - .045	1.0	40 – 120	300001100	161.05	142.70	139.03	131.63
3.00	.046 - .075	1.0	40 – 120	300002100	158.83	139.48	135.71	129.41
3.00	.076 - .100	1.0	40 – 120	300003100	191.30	172.83	169.11	161.71
3.50	.032 - .063	1.0	44 – 150	350001100	171.65	153.19	148.47	142.26
3.50	.064 - .080	1.0	44 – 150	350002100	172.65	154.19	149.47	143.26
4.00	.032 - .040	1.0	48 – 180	400001100	203.40	185.05	181.27	173.93
4.00	.041 - .045	1.0	48 – 180	400002100	182.03	163.64	159.87	152.57
4.00	.046 - .064	1.0	48 – 180	400003100	200.34	182.03	178.37	171.03
4.00	.065 - .100	1.0	48 - 180	400004100	244.34	226.03	222.37	215.03
4.25	.032 - .045	1.0	60 - 180	425001100	190.23	171.61	166.93	160.14
4.25	.046 - .064	1.0	60 - 180	425002100	207.00	188.64	184.57	177.79
5.00	.064	1.0	80 – 180	500001100	338.31	313.25	298.39	284.12
6.00	.064	1.0	80 – 220	600001100	536.76	497.65	473.33	450.79

VOLUME DISCOUNTS APPLY – UP TO 37%

# PRICE – QUALITY – SERVICE

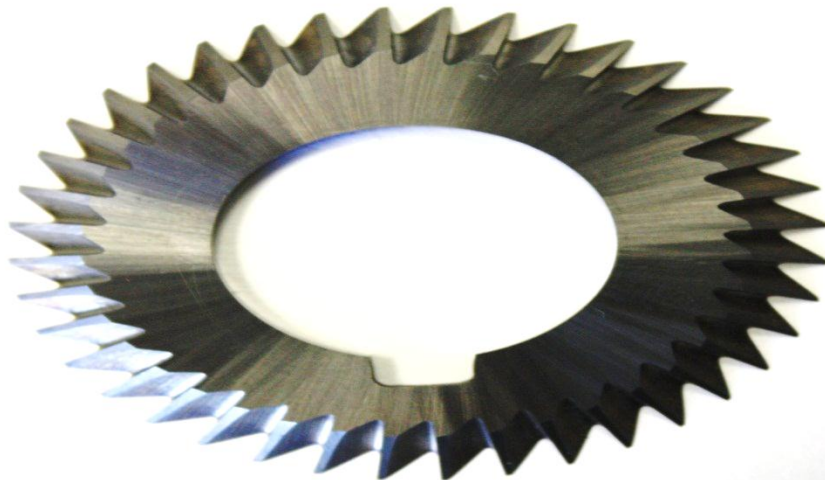
# American Saw And Products Inc.

## MILLING CUTTERS

SOLID CARBIDE  
C-2 Micro-grain  
10% Cobalt

Our vendors have been in the business of manufacturing milling cutters for over 35 years. With our extensive experience we will help you select the right tool for your job. With the software available on the CNC Cutter Grinder we can convert CAD drawings to machine files and accurately grind intricate profiles on cutters. As with all tools we manufacture you will get the right tool for the job, manufactured to your exact standards. Ask us for a quote.

Side milling - Single angle - Double angle - Special form



**PRICE – QUALITY – SERVICE**

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1054 Monroe Rd  
Lebanon, Ohio 45036  
PH. 513-683-4065  
FAX 513-683-4875

## REGRIND POLICY

### PRICING:

UP TO .065 THICK      \$ 19.00

WILL SHIP WITHIN 48 HOURS

.066 to .125 THICK      \$ 22.00

Unless otherwise stated 1 or 2 damaged teeth will be acceptable on all regrinds.

We will match your existing grind on our CNC grinding equipment.  
Single angles up to 20 degrees included  
Diameters 1.50" to 6.50"

Extra charge for excessive stock removal off diameter:

.101 to .200      double standard price

.201 to .300      triple standard price

Over .300 will be quoted.

Note: These prices are effective August 1, 2012. This is the first increase on regrind pricing since we opened in 2004.

# PRICE – QUALITY - SERVICE

## American Saw And Products Inc.

### COATINGS

In difficult applications it is important to have the right coating. Tool life can be increased 3-5 fold with the right coating.

When recoating regrinds please be aware that stacking of coatings can change the characteristics of the coating. Coating works best when applied directly to the carbide. If using multi – layered coatings they can normally be recoated three times without altering the characteristics.

Our coating source runs most coatings multiple times per week which allows for shorter lead times on coated tools.

Please use the chart below to select the coating for your application.

### COATING SELECTION CHART

COATING	HV	COF	USAGES
<b>TiN</b> Titanium Nitride	2300 2500	.4	General purpose. Good performance most materials
<b>TiCN</b> Titanium Carbo Nitride	2800 3200	.4	Carbon Steel, Alloy steel and cast iron
<b>TiAlN</b> Titanium Aluminum Nitride	2900 3100	.35	All steels and stainless steel
<b>AlTiN</b> Aluminum Titanium Nitride	3000 3400	.35	Tough applications were heat is an issue
<b>OTHER COATINGS AVAILABLE FOR SPECIAL NEEDS</b>			



**PRICE – QUALITY – SERVICE**

**OTHER PRODUCTS AND  
SERVICES**

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**CARBIDE TIPPED SAWS**

**HIGH SPEED STEEL SAWS**

**DIAMOND & CBN GRINDING WHEELS**

**TECHNICAL SUPPORT FOR ALL TOOLS**

**Let us be your:**

**Solutions for your Manufacturing Needs !**

**NEW!!!!**

**SOLID CARBIDE**  
**HIGH SPEED SLOTTING SAWS**



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