

Speedcut

A DIVISION OF AME



**SAW BLADE
MANUFACTURING AND
SERVICES**



**CARBIDE-TIPPED SAW BLADES
CARBIDE-TIPPED THIN-KERF SAW BLADES
CERMET SAW BLADES
SEGMENTAL SAW BLADES
SOLID HIGH SPEED STEEL SAW BLADES
FRICTION AND HOT SAW BLADES**



ADVANCED
MACHINE & ENGINEERING CO.

Making the Cut Since 1980

When it comes to sawing, a sharp blade makes all the difference. That's why Amsaw Blades was started over 25 years ago.

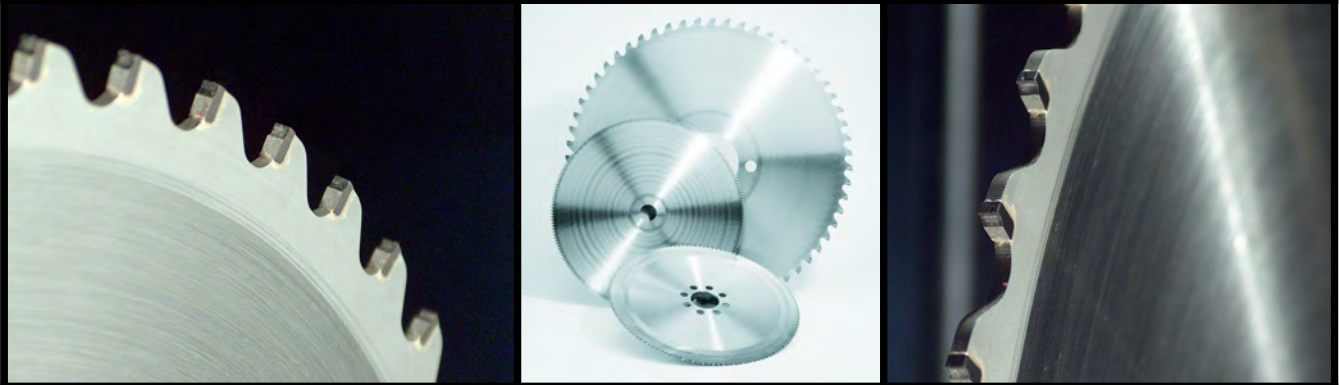
This division of AME's Carbide Saws Design and Build Group sells and services saw blades in a variety of styles and tooth configurations. New carbide, cermet and thin-kerf blades are available from Speedcut, along with complete in-house facilities for sharpening, re-tipping and repairing older blades.

- Carbide-tipped standard saw blades
- Carbide-tipped thin-kerf saw blades
- Cermet-tipped saw blades

Speedcut can build and service blades as large as 80 inches in diameter, so whatever your application, you can make sure your blades are always sharp and ready for the rigors of high-speed, high-volume cutting.

Speedcut also can provide these unique blades for your specialized applications and equipment:

- segmental saw blades
- solid high speed steel saw blades
- friction and hot saw blades

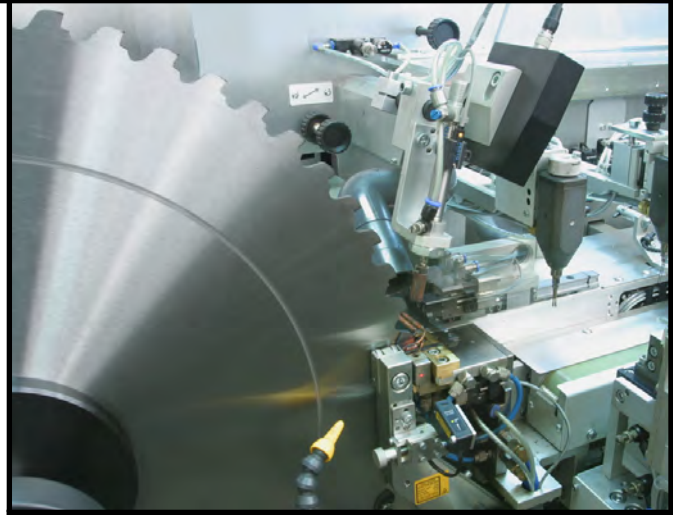


Specifications for Standard Blade Blanks – Carbide-Tipped Saw Blades for Ferrous Materials

Diameter		Maximum No. of Teeth	Blade Body Thickness		Kerf Thickness		Diameter		Maximum No. of Teeth	Blade Body Thickness		Kerf Thickness	
Inch	mm		inch	mm	inch	mm	Inch	mm		inch	mm	inch	mm
11	285.0	80.0	0.120	3.0	0.180	4.5	42	1066.8	180.0	0.230	5.8	0.310	7.9
14	360.0	90.0	0.120	3.0	0.180	4.5	44	1117.6	180.0	0.230	5.8	0.310	7.9
16	400.0	100.0	0.120	3.0	0.180	4.5	46	1168.4	200.0	0.250	6.4	0.330	8.4
18	457.2	110.0	0.150	3.8	0.230	5.8	48	1219.2	200.0	0.250	6.4	0.330	8.4
20	508.0	120.0	0.150	3.8	0.230	5.8	50	1270.0	210.0	0.250	6.4	0.330	8.4
22	558.8	120.0	0.160	4.1	0.240	6.1	52	1320.8	210.0	0.280	7.1	0.360	9.1
24	609.6	130.0	0.160	4.1	0.240	6.1	54	1371.6	220.0	0.280	7.1	0.360	9.1
26	660.4	130.0	0.180	4.6	0.260	6.6	56	1422.4	220.0	0.300	7.6	0.380	9.7
28	711.2	130.0	0.180	4.6	0.260	6.6	58	1473.2	220.0	0.300	7.6	0.380	9.7
30	762.0	140.0	0.180	4.6	0.260	6.6	60	1524.0	240.0	0.300	7.6	0.380	9.7
32	812.8	140.0	0.200	5.1	0.280	7.1	62	1574.8	240.0	0.320	8.1	0.400	10.2
34	863.6	140.0	0.200	5.1	0.280	7.1	64	1625.6	240.0	0.320	8.1	0.400	10.2
36	914.4	160.0	0.220	5.6	0.300	7.6	66	1676.4	240.0	0.320	8.1	0.400	10.2
38	965.2	160.0	0.220	5.6	0.300	7.6	68	1727.2	240.0	0.320	8.1	0.400	10.2
40	1016.0	180.0	0.220	5.6	0.300	7.6	70	1778.0	240.0	0.320	8.1	0.400	10.2

Design/Manufacturing Services

Speedcut designers can look at your unique application, take into account the kind of materials you cut, evaluate shop floor requirements and saw specifications, then laser cut, harden and grind a blank into a custom-designed blade to fit your needs. Our bladesmiths use proprietary blade manufacturing machines—designed by our founder and available only at Speedcut—to produce blades that are part art, part engineering, and designed to fit your application perfectly.



Reconditioning Services

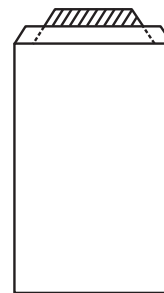
Speedcut brings new life to old blades. Our proprietary welding techniques allow us to restore a blade even when teeth and tips are missing. Blades that seem damaged beyond repair can often be restored by Speedcut and put back in service at a fraction of the cost of buying new. Virtually any size blade can be fully reconditioned from blade tip to pilot hole, so it's ready to cut ferrous and non-ferrous materials, bars or billets, rails, profiles, pipes and tubes.

And reconditioning services at Speedcut go beyond the blade to address how saws are used in the real world. If saw blades aren't holding up — if teeth are chipping, tips are breaking, cutting speed is dropping — our technicians can often provide suggestions to help you get better performance from your equipment. If a blade is truly at the end of its life, we'll help you understand your options and choose a replacement if necessary. In every case, our experience works for you.

Patented Double-Chip Geometry

Speedcut's patented double-chip blade design represents a breakthrough in speed and quality for carbide-tipped blade applications. Our unique "notch grind" tooth geometry improves the efficiency of blades and saws by allowing each uniform tooth to cut the full width of the saw slot. Compared to older triple-chip geometry, this design allows feed rates to be much higher while reducing saw vibration, producing a higher quality cut.

Blade Face View



Standard Triple Chip Geometry



AME's Double Chip Geometry

Keep your edge. Call Speedcut. For any company that measures success in the material it cuts, Speedcut can provide not just a sharp blade edge but also a significant competitive edge. Please call today and let us show you how our products and services are a cut above.

1-815-225-4AME or www.ame.com

Innovative People, Products and Processes

At AME, innovation is part of our culture. You can see the result in our processes, partnerships, people and services—and in the precision engineered components, machines and services showcased here. To learn more about AME and our innovative approach to precision machining, please call **815-962-6076** or visit **www.ame.com** today.



Perfect Machine Protection. For 50 years, AME's sister company, Hennig, has been designing and producing custom machine protection and chip/coolant management products for state-of-the-art machine tools. Hennig products are reliable, durable, and perfectly tailored to protect against corrosion, debris and common workplace contaminants. There's no better way to protect your investment on the shop floor. Visit www.hennigworldwide.com.

|||||HENNIG
perfect machine protection.

 **ADVANCED**
MACHINE & ENGINEERING CO.

ISO-9001:2000
REGISTERED

2500 Latham Street Rockford, IL 61103 Tel: 815-962-6076 Web: www.ame.com
Data subject to change. SC-0608 Q1000M Printed in USA Copyright © 2008