

MORSE[®]

THE M. K. MORSE COMPANY

Metal Devil

NXT[™]

ALUMINUM CUTTING

CIRCULAR SAW BLADES

ALUMINUM
CUTTING SOLUTIONS

Metal Devil

CUTS COOLER • QUICKER • CLEANER

7"
178mm 54T

NXT[™]

20mm ARBOR
5800 MAX RPM
CARBIDE TIPPED
MADE IN U.S.A.

MORSE[®]
THE M. K. MORSE COMPANY

WARNING
COMPLY WITH ANSI Z87.1

metaldevil.com

WHY METAL DEVIL NXT™ **ALUMINUM CUTTING** CIRCULAR SAW BLADES?

CONSISTENT PERFORMANCE **EACH AND EVERY TIME** **THAT'S WHY!**

Consistent Performance best sums up this new product line.

Users of Metal Devil NXT™ Aluminum need to be able to count on a

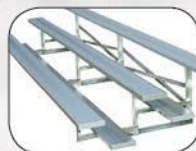
CONSISTENT finish, CONSISTENT life and CONSISTENT performance.

The M. K. Morse Company team focuses on all these aspects in order to provide the overall Consistent Performance expected of Metal Devil Products.

WHO WILL USE **Metal Devil NXT™** ALUMINUM?

Fabricators, Maintenance Professionals, and Contractors
want products that **MAKE THEIR JOB EASIER.**

METAL DEVIL NXT ALUMINUM CUTTING
CIRCULAR SAW BLADES ARE
THE ANSWER



TYPICAL CUTTING APPLICATIONS

MATERIAL	DESCRIPTION
	ALUMINUM EXPANDED METAL
	ALUMINUM PLATE <i>Max of 3/8" Thickness</i>
	ALUMINUM ANGLES <i>Max of 1/4" Thickness</i>
	ALUMINUM -C-CHANNEL <i>3" to 6" Width</i>
	ALUMINUM TUBING / PIPE / SCHEDULE 40 & 80 <i>Max of 1/4" Wall Thickness</i>
	ALUMINUM SOLID ROUNDS <i>Up to 2" Diameter</i>
	ALUMINUM BAR <i>Max of 3/8" Thickness</i>
	ALUMINUM EXTRUSION



 **MADE IN USA**



Metal Devil **NXT**

ALUMINUM CIRCULAR SAW BLADES

WHAT'S

NEW

FROM THE M. K. MORSE COMPANY

TIP GEOMETRY

ADVANTAGE:

NXT Tip Design minimizes stress in the carbides.

BENEFIT:

Longer Blade Life.

SMOOTH CUT FINISHES

ADVANTAGE:

Smooth cuts of aluminum materials with less burrs or ripped surfaces.

BENEFIT:

User spends less time deburring part.

FAST CUTTING

ADVANTAGE:

Quick, accurate cuts in all aluminum shapes.

BENEFIT:

More pieces cut-per-day lowers cost.

BROADER RANGE OF CUTTING APPLICATIONS

ADVANTAGE:

Cuts a wide range of aluminum shapes and solids.

BENEFIT:

Fewer changeovers.

MINIMIZED GULLET CLOGGING

ADVANTAGE:

Faster cutting.

BENEFIT:

Faster cuts and longer life.



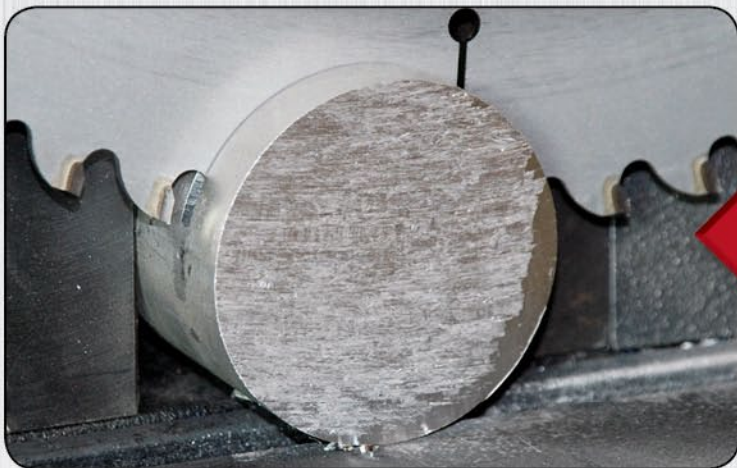
TECH TIPS FOR **ALUMINUM CUTTING**

HOW TO CUT ALUMINUM **GENERAL GUIDE RULE**

A slow and consistent feed pressure reduces material accumulation in the gullets, resulting in longer life.



Always make sure the work piece is securely clamped in place before cutting!



HOW TO CUT **ALUMINUM PLATE,** **ANGLES & BAR**

Keep the blade fully extended. Cutting with the blade fully extended reduces stress on the carbide tips and extends the life of the blade.

ALUMINUM THIN PLATES **AND ALUMINUM** **EXPANDED METALS**

Cutting aluminum thin plate and expanded metals should be done with the blade's tooth tips extended to just below the bottom surface of the material being cut



Metal Devil NXT

ALUMINUM BLADES



PART #	COMPUTER #	DIAMETER	MM	ARBOR	TEETH
CSM53848NAC	101578	5-3/8"	137	20mm	48
CSM62554NAC	101585	6-1/4"	159	5/8"	54
CSM65054NAC	101592	6-1/2"	165	5/8"	54
CSM754NAC	101608	7"	178	20mm	54
CSM72560NAC	101615	7-1/4"	184	5/8"	60
CSM860NAC	101622	8"	203	5/8"	60
CSM972NAC	101639	9"	229	1"	72
CSM1072NAC	101646	10"	254	5/8"	72
CSM1280NAC	101653	12"	305	1"	80
CSM1480NAC	101660	14"	356	1"	80

Also Available METAL DEVIL NXT STEEL CUTTING BLADES

NXT ALUMINUM Performance



7-1/4" NXT Aluminum Blade

APPLICATION: 1" X 1" 80/20 Extrusion
 # CUTS COMPLETED: 3,000
 AVERAGE CUT TIME: .767 Seconds



14" NXT Aluminum Blade

APPLICATION: 2" X 2" 80/20 Extrusion
 # CUTS COMPLETED: 2,000
 AVERAGE CUT TIME: 2.9 Seconds



14" NXT Aluminum Blade

APPLICATION: 2" Round Aluminum Bar
 # CUTS COMPLETED: 200*
 AVERAGE CUT TIME: 10.4 Seconds

*Test stopped due to test parameters.
 Limited Blade Wear.
 Closest Competition = 60 Cuts made

CONTACT US OR YOUR M. K. MORSE SALES REP FOR ADDITIONAL METAL DEVIL PRODUCT INFORMATION



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Made In U.S.A.



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