

**INDUSTRIAL**

# CNC ROUTER BIT COLLECTIONS

*For Woodworking & Advanced Materials*



## 2-PC. SIGMAKING/ ENGRAVING

1/4" SHANK



New

1/4" Shank • Carbide Tipped & Solid Carbide Router Bit Pack

Cut decorative carvings, V-Grooves and lettering on signs.

Includes

45704 (90°) & 45783 (18°)

Set No.

AMS-193

AMS-193

## 2-PC. CNC SIGMAKING/ ENGRAVING

1/8" SHANK

1/4" SHANK



New

1/8" & 1/4" Shank • Solid Carbide Router Bit Pack

Cut decorative carvings, V-Grooves and lettering on signs.

Includes

46180-K & 45624 (60°)

Set No.

AMS-196

AMS-196

## 2-PC. CNC SPEKTRA™ SIGMAKING

1/4" SHANK



New

1/4" Shank • Solid Carbide Router Bit Pack

Designed for creating signs and other CNC projects in a variety of materials.

Includes

46202-K & 46170-K

Set No.

AMS-197-K

AMS-197-K

## 2-PC. CNC SPEKTRA™ SIGMAKING

1/4" SHANK



New

1/4" Shank • Solid Carbide Router Bit Pack

Cut decorative carvings, V-Grooves and lettering on signs.

Includes

46202-K & 45771-K (30°)

Set No.

AMS-115-K

AMS-115-K

## 2-PC. CARVING/ ENGRAVING PACK

1/4" SHANK



New

1/4" Shank • Solid Carbide Router Bit Pack

Designed for creating signs and other CNC projects in a variety of materials.

Includes

45780-K (15°) & 45783 (18°)

Set No.

AMS-198

AMS-198

## 2-PC. CARVING 2D/CORE BOX PACK

1/4" SHANK



New

1/4" Shank • Carbide Tipped & Solid Carbide Router Bit Pack

Cut decorative carvings and lettering on signs.

Includes

45910 & 46282-K

Set No.

AMS-191

AMS-191



CNC feed and speed available online



AMS-114-K

**New**

### 3-PC. CNC SIGNMAKING/ ENGRAVING

*1/4" Shank • Solid Carbide Router Bit Pack*

Cut decorative carvings, V-Grooves and lettering on signs.



**Includes**

46170-K, 46202-K & 45771-K

**Set No.**

**AMS-114-K**



AMS-188-K

**New**

### 4-PC. CNC SIGNMAKING/ ENGRAVING

*1/4" Shank • Solid Carbide Router Bit Pack*

Cut decorative carvings, V-Grooves and lettering on signs.



**Includes**

46202-K, 46202-K, 45771-K & 46294-K

**Set No.**

**AMS-188-K**



AMS-112

**New**

### 5-PC. CNC SIGNMAKING/ ENGRAVING

*1/8" Shank • Solid Carbide Router Bit Pack*

Cut decorative carvings and lettering on signs.



**Includes**

46180-K, 46227-K, 51410-K, 51406-K, 46295-K & R8-102

**Set No.**

**AMS-112**



AMS-177

### 8-PC. CNC V-GROOVE, POINT ROUNDOVER & MULTI-PURPOSE

*1/4" Shank • Solid Carbide Router Bit Collection*

Designed specifically for a wide variety of applications.  
Also perfect for signmaking.



**Includes**

45704, 45705, 46376, 46102, 46282, 56125, 46202 & 46200

**Set No.**

**AMS-177**



AMS-177-K

**New**

### 8-PC. CNC V-GROOVE, POINT ROUNDOVER & MULTI-PURPOSE

*1/4" Shank • Solid Carbide Router Bit Collection*

Designed specifically for a wide variety of applications.  
Also perfect for signmaking. With Spektra™ Bits.



**Includes**

45704, 45705, 46376-K, 46102-K, 46282-K, 56125, 46202-K & 46200-K

**Set No.**

**AMS-177-K**

### 3-PC. MATT'S CNC STARTER FOR SHAPEOKO



New

1/4" Shank • Insert Carbide & Solid Carbide Router Bit Pack

Designed for a wide variety of applications. Each router bit is manufactured from Amana's exclusive grade carbide according to stringent quality standards.

For material cut list visit [www.amanatool.com](http://www.amanatool.com)

Includes

Set No.

46202-K, 46200-K & RC-1148

AMS-119



AMS-119

### 4-PC. MATT'S CNC STARTER FOR SHAPEOKO



New

1/8" & 1/4" Shank • Insert Carbide & Solid Carbide Router Bit Pack

For material cut list visit [www.amanatool.com](http://www.amanatool.com)

Includes

Set No.

RC-1148, 46202-K, 46200-K & 46237-K

AMS-109



AMS-109

### 8-PC. ADVANCED CNC STARTER FOR SHAPEOKO



New

1/4" Shank • Insert Carbide & Solid Carbide Router Bit Set

For the most demanding signmaking, lettering and engraving tasks. Designed for creating signs and other CNC projects in a variety of materials.

Excellent For Cutting:

- Aluminum, Brass, Bronze, Copper
- Carbon Fiber
- Laminate
- MDF
- Melamine
- Plastic/Acrylic
- Solid Surface
- Wood
- Veneered Plywood



AMS-179

Includes

Set No.

RC-2248, RC-1142, RC-1148, 46170-K, RC-1145, 46202-K, 46282-K & 45771-K

AMS-179

### 8-PC. JOOS ADVANCED CNC



New

1/4" Shank • Insert Carbide & Solid Carbide Router Bit Set

Designed for a wide variety of applications. Each router bit is manufactured from Amana's exclusive grade carbide according to stringent quality standards.

Excellent For Cutting:

- Aluminum, Brass, Bronze, Copper
- Carbon Fiber
- Laminate
- MDF
- Melamine
- Plastic/Acrylic
- Solid Surface
- Wood
- Veneered Plywood



AMS-230

Includes

Set No.

46201-K, 45225-K, 46202-K, 46170-K, 45771-K, RC-1145, RC-1148 & 46282-K

AMS-230

### 8-PC. CNC THE DUTCHMAN MODIFIES CASEMODDING SET



New

1/4" Shank • Insert Carbide & Solid Carbide Router Bit Set

For material cut list visit [www.amanatool.com](http://www.amanatool.com)

Includes

Set No.

45771-K, 46282-K, 46292-K, 46577-K, 51404-K, 51411-K, 51446-K & RC-45711

AMS-265



AMS-265



CNC feed and speed available online



AMS-235

## New 4-PC. COLSON'S CHOICE CNC STARTER

1/4" Shank • Insert Carbide & Solid Carbide Router Bit Set

Designed for a wide variety of applications. Each router bit is manufactured from Amana's exclusive grade carbide according to stringent quality standards.



Includes

Set No.

46233-K, 46170-K, RC-1145 & RC-1148

AMS-235



AMS-155

## New 4-PC. BRIAN'S CHOICE CNC STARTER

1/4" Shank • Insert Carbide & Solid Carbide Router Bit Pack

Designed for a wide variety of applications. Each router bit is manufactured from Amana's exclusive grade carbide according to stringent quality standards.



Includes

Set No.

RC-1148, 46202-K, 46200-K & 45771-K

AMS-155



AMS-155

## New 4-PC. JMC CNC STARTER

1/8" & 1/4" Shank • Insert Carbide & Solid Carbide Router Bit Pack

Designed for a wide variety of applications. Each router bit is manufactured from Amana's exclusive grade carbide according to stringent quality standards.



Includes

Set No.

RC-1148, 46237-K, 46052-K & 45771-K

AMS-158



AMS-102

## New 4-PC. X-CARVE® CNC STARTER

1/4" Shank • Insert Carbide & Solid Carbide Router Bit Pack

Designed for a wide variety of applications. Each router bit is manufactured from Amana's exclusive grade carbide according to stringent quality standards.



Includes

Set No.

RC-1148, 46202-K, 45771-K & 46282-K

AMS-102



AMS-113

## New 3-PC. CNC STARTER

1/4" Shank • Insert Carbide & Solid Carbide Router Bit Pack

Designed for a wide variety of applications. Each router bit is manufactured from Amana's exclusive grade carbide according to stringent quality standards.



Includes

Set No.

RC-1148, 46202-K & 45771-K

AMS-113

## 3-PC. CNC STARTER

1/4" Shank • Solid Carbide  
Router Bit Pack



New

Designed for a wide variety of applications. Each router bit is manufactured from Amana's exclusive grade carbide according to stringent quality standards.

Includes	Set No.
46225-K, 46202-K & 46170-K	AMS-234-K



AMS-234-K

## 8-PC. CNC GENERAL PURPOSE III

1/4" Shank • Carbide Tipped & Solid Carbide Router Bit Collection



New

For the most demanding signmaking, lettering and engraving tasks. Designed for creating signs and other CNC projects in a variety of materials. Each router bit is manufactured from Amana's exclusive grade carbide according to stringent quality standards.

For material cut list visit [www.amanatool.com](http://www.amanatool.com)



Includes	Set No.
45707, 45701, 46201-K, 46202-K, 46200-K, 46282-K, 45771-K, 46376-K	AMS-174



AMS-174

## 8-PC. CNC GENERAL PURPOSE

1/4" Shank • Carbide Tipped & Solid Carbide Router Bit Collection



This 1/4" shank collection was designed for CNC profiling, 2D and 3D profiling and carving in plastics, aluminum and wood. Also perfect for signmaking. Each router bit is manufactured from Amana's exclusive grade carbide according to stringent quality standards.

For material cut list visit [www.amanatool.com](http://www.amanatool.com)



Includes	Set No.
45704, 45705, 46426, 46424, 46248, 46341, 46348, 46282	AMS-134



AMS-134

## 8-PC. CNC GENERAL PURPOSE

1/2" Shank • Carbide Tipped, Solid Carbide & Insert Carbide Router Bit Collection



For the most demanding signmaking, lettering and engraving tasks. Designed for creating signs and other CNC projects in a variety of materials. Each router bit is manufactured from Amana's exclusive grade carbide according to stringent quality standards.

For material cut list visit [www.amanatool.com](http://www.amanatool.com)



Includes	Set No.
45411, RC-1102, 46188, 46380, 46206, 46106, RC-2250 & RC-1076 (with RCK-360)	AMS-170



AMS-170



CNC feed and speed available online



## 8-PC. CNC STARTER SIGNMAKING

1/4" & 1/2" Shank • Carbide Tipped, Solid Carbide & Insert Carbide Router Bit Collection

Designed specifically for 2D/3D, signmaking, lettering and engraving applications.

### Expand Your Creativity

The set is specially designed for creating signs and other CNC projects in a variety of materials. For the most demanding signmaking, lettering and engraving tasks.

### Excellent For Cutting:

- Aluminum, Brass, Bronze, Copper
- Carbon Fiber
- Laminate
- MDF
- Melamine
- Plastic/Acrylic
- Solid Surface
- Wood
- Veneered Plywood



Angle	Dia.	Cut Height	Shank	Length	Type	Includes
60°	1/2	5/8	1/4	1-3/4	V-Groove	45705
7.5°	3/16	1/2	1/4	1-11/16	V-Groove	45780
—	1/4	5/8	1/4	2	Aluminum 'O' Flute	51402
—	1/4	3/4	1/4	2	Aluminum 'O' Flute	51404
—	1/4	1/2	1/4	2-1/2	Spiral Ball Nose	46426
45°	13/16	7/8	1/2	2-3/8	Insert V-Groove	RC-1045
90°	1-1/2	3/4	1/2	3	Insert V-Groove	RC-1102
—	—	—	—	—	In-Groove™ with 30° V-Tip Insert Knife	RC-1075
Complete 8-Pc Set						AMS-130

## 8-PC. CNC STARTER

1/4" Shank • Carbide Tipped, Solid Carbide & Insert Carbide Router Bit Collection

Designed for a wide variety of applications. Each router bit is manufactured from Amana's exclusive grade carbide according to stringent quality standards.

### Excellent For Cutting:

- Aluminum, Brass, Bronze, Copper
- Carbon Fiber
- Laminate
- MDF
- Melamine
- Plastic/Acrylic
- Solid Surface
- Wood
- Veneered Plywood



Includes	Set No.
43608, 51402, 51421, 46438, 51454, 46170-K, RC-2245 & 45210	AMS-164

## 4-PC. CNC STARTER

1/4" Shank • Solid Carbide & Insert Carbide Router Bit Pack

Designed for a wide variety of applications. Each router bit is manufactured from Amana's exclusive grade carbide according to stringent quality standards.

### Excellent For Engraving:

- Laminate
- MDF
- Melamine
- Plastic/Acrylic
- Solid Surface
- Wood
- Veneered Plywood

Includes	Set No.
46202-K, 45771-K, RC-1148 & RC-2265	AMS-237

AMS-130

AMS-164

AMS-237

## 5-PC. CNC STARTER ENGRAVING

1/4" Shank • Carbide Tipped & Solid Carbide Router Bit Collection

Designed for a wide variety of applications. Each router bit is manufactured from Amana's exclusive grade carbide according to stringent quality standards.

### Excellent For Engraving:

- ACM
- Aluminum, Brass, Bronze, Copper
- Composite
- Fiberglass
- Foam
- Laminate
- MDF
- Plastic/Acrylic
- Wood
- Veneered Plywood



### Includes

46282, 46286, 46102, 45705 & 45700

### Set No.

AMS-127



AMS-127

## 8-PC. CNC STARTER SIGNMAKING II

1/4" Shank • Carbide Tipped, Solid Carbide & Insert Carbide Router Bit Collection

Designed specifically for 2D/3D, signmaking, lettering and engraving applications.

### Expand Your Creativity

The set is specially designed for creating signs and other CNC projects in a variety of materials. For the most demanding signmaking, lettering and engraving tasks.

### Excellent For Cutting:

- Aluminum, Brass, Bronze, Copper
- Carbon Fiber
- Laminate
- MDF
- Melamine
- Plastic/Acrylic
- Solid Surface
- Wood
- Veneered Plywood

### Includes

51404, 45226, RC-2248, RC-1145, 46374, 46284, 51402 & 46202

### Set No.

AMS-131



AMS-131

## 8-PC. STARTER SIGNMAKING III

1/4" & 1/2" Shank • Carbide Tipped & Solid Carbide Router Bit Collection

Designed specifically for 2D/3D, signmaking, lettering and engraving applications.

### Expand Your Creativity

This signmaking collection is specially designed for creating signs and other CNC projects in a variety of materials. For the most demanding signmaking, lettering and engraving tasks.

### Excellent For Cutting:

- Aluminum, Brass, Bronze, Copper & Titanium
- Dibond®
- Fiberglass
- Fiberglass PCB Board
- Foam Board
- Graphite
- HDPE
- Laminate
- MDF/HDF
- Phenolic Composites
- Sign Foam, Sign Board & HDU
- Wood
- 20lbs High Density Polyurethane

Angle	Dia.	Radius	Cut Length	Shank	Length	Type	Tool No.
—	1/2	1/4	3/8	1/2	2-1/8	Core Box	45912
—	1-1/2	—	5/8	1/2	2-3/4	Mortising	45566
7.5°	3/16	—	1/2	1/4	1-11/16	V-Groove	45780
90°	5/8	—	1/2	1/2	2	V-Groove	45712
—	1/8	—	1/2	1/4	2	Spiral Plunge	46200
—	1/4	—	1	1/4	2-1/2	Spiral Plunge	46415
5.4°	1/16	1/32	1	1/4	3	2D/3D Carve	46282
0.10°	1/4	1/8	1-1/2	1/4	3	2D/3D Carve	46294

Complete 8-Pc Set

AMS-133



AMS-133



CNC feed and speed available online





AMS-169

## New 10-PC. CNC SIGNMAKING V

1/4" Shank • Carbide Tipped & Solid Carbide Router Bit Collection

### Excellent For Cutting:

- Aluminum, Brass, Bronze, Copper
- Carbon Fiber
- Laminate
- MDF
- Melamine
- Plastic/Acrylic
- Solid Surface
- Wood
- Veneered Plywood



Includes	Set No.
51404-K, 46202-K, 46170-K, 46180-K, 45771-K, RC-1148, RC-1075, 46282-K & RB-102	AMS-169



AMS-175

## New 5-PC. CNC SIGNMAKING V

1/4" Shank • Carbide Tipped & Solid Carbide Router Bit Collection

### Excellent For Cutting:

- Aluminum, Brass, Bronze, Copper
- Carbon Fiber
- Laminate
- MDF
- Melamine
- Plastic/Acrylic
- Solid Surface
- Wood
- Veneered Plywood



Includes	Set No.
45711-K, RC-1148, 46282-K, 46202-K & 46170-K	AMS-175



AMS-132

## 18-PC. CNC ADVANCED SIGNMAKING

1/4" Shank • Carbide Tipped, Solid Carbide & Insert Carbide Router Bit Collection



Includes	Set No.
RC-45910, 56125, 45783, RC-45711, 45780, 45705, 45751, 45756, 46170, 46102, 46376, RC-2248, 51454, 51411, 46282, 51404, 51402 & RC-1075 (with RCK-360)	AMS-132

For material cut list visit [www.amanatool.com](http://www.amanatool.com).



AMS-178

## 8-PC. CNC ARTIST SIGNMAKING

1/4" Shank • Carbide Tipped & Solid Carbide Router Bit Collection

### Excellent For Cutting:

- Aluminum, Brass, Bronze, Copper
- Carbon Fiber
- Laminate
- MDF
- Melamine
- Plastic/Acrylic
- Solid Surface
- Wood
- Veneered Plywood



Includes	Set No.
46369, 45226, 45704, 46282, 45200, 46102, 45783 & RC-1075	AMS-178

## 4-PC. CNC V-GROOVE 2D/3D SIGNMAKING, LETTERING AND ENGRAVING

1/2" Shank • Insert Carbide Router Bit Collection

See page 51 for material cut list.

**Warning:** For maximum RPM visit [www.amanatool.com](http://www.amanatool.com)



New

Includes	Set No.
RC-1145 (45°), RC-1148 (60°), RC-1142 (90°) & RC-1146 (120°)	AMS-225



AMS-225

## 3-PC. CNC V-GROOVE 2D/3D SIGNMAKING, LETTERING AND ENGRAVING

1/2" Shank • Insert Carbide Router Bit Pack

See page 51 for material cut list.

**Warning:** For maximum RPM visit [www.amanatool.com](http://www.amanatool.com)

Includes	Set No.
RC-1145 (45°), RC-1148 (60°) & RC-1142 (90°)	AMS-153



New



AMS-153

## 3-PC. CNC V-GROOVE 2D/3D SIGNMAKING, LETTERING AND ENGRAVING

1/2" Shank • Insert Carbide Router Bit Pack

See page 51 for material cut list.

**Warning:** For maximum RPM visit [www.amanatool.com](http://www.amanatool.com)

Includes	Set No.
RC-1045 (45°), RC-1108 (60°) & RC-1102 (90°)	AMS-157



New



AMS-157

## 4-PC. CNC V-GROOVE 2D/3D SIGNMAKING, LETTERING AND ENGRAVING

1/2" Shank • Insert Carbide Router Bit Collection

See page 51 for material cut list.

**Warning:** For maximum RPM visit [www.amanatool.com](http://www.amanatool.com)



AMS-150

Includes	Set No.
RC-1045 (45°), RC-1108 (60°), RC-1102 (90°) & RC-1104 (120°)	AMS-150

Visit website for additional sets.



AMS-261

## New 8-PC. CNC ADVANCED MASTER COLLECTION

1/4" Shank • Solid Carbide & Insert Carbide Router Bit Collection

Excellent For Cutting:

- Aluminum, Brass, Bronze, Copper
- Laminate
- MDF
- Melamine
- Plastic/Acrylic
- Solid Surface
- Wood
- Veneered Plywood



Includes

Set No.

46213-K, RB-102, 46200-K, 46202-K, 45771-K,

51404-K, 51402-Z, RC-1148 & RC-2265

AMS-261

## 8-PC. CNC V-CARVING

1/4" Shank • Carbide Tipped & Solid Carbide Router Bit Collection

Excellent For Cutting:

- Aluminum, Brass, Bronze, Copper
- Carbon Fiber
- Laminate
- MDF
- Melamine
- Plastic/Acrylic
- Solid Surface
- Wood
- Veneered Plywood



AMS-128



Includes

Set No.

45783, 45780, 45771, 45700, 45705, 46280, 46282 & RC-1075 (with RCK-360) AMS-128

## 8-PC. V-GROOVE FOR ACM PANELS

1/4" Shank • Insert Carbide, Carbide Tipped & Solid Carbide Router Bit Collection

For Scoring Aluminum Composite Materials Including:

- Aluminum, Clay, Zinc & Wood Composite Panels
- Aluminum Composite Material (ACM)
- Aluminum Composite Panel (ACP)
- ALPOLOC® Copper Composite Material (CCM)
- Alucobond®
- Alupanel®
- Dibond®
- Durabond
- e-panel™
- Etalbond®
- Phenolics
- Plastic/Acrylic
- Plexiglas®
- Titanium Composite Material (TCM)
- Wood



AMS-151



Includes

Set No.

45792, 45795, 45798, 45745, 45762, RC-45716, 51402 & 51502

AMS-151

## 10-PC. CNC 3D, SIGNMAKING, LETTERING AND ENGRAVING

1/2" Shank • Carbide Tipped, Solid Carbide & Insert Carbide Router Bit Collection

Excellent For Cutting:

- Aluminum, Brass, Bronze, Copper
- Carbon Fiber
- Laminate
- MDF
- Melamine
- Plastic/Acrylic
- Solid Surface
- Wood
- Veneered Plywood



AMS-138



Includes

Set No.

RC-2250, RC-1045, 45733, 45422, 46206, 46380,

46190, 45912, RC-1102 & RC-1076 (with RCK-360)

AMS-138

## 18-PC. CNC ADVANCED GENERAL PURPOSE

1/2" Shank • Carbide Tipped,  
Solid Carbide & Insert Carbide  
Router Bit Collection



### Excellent For Cutting:

- Aluminum, Brass, Bronze, Copper
- Aluminum Composite Material (ACM)
- Aluminum FoamCore
- Carbon Fiber
- Durabond
- Fiberglass
- Fiberglass PCB Board
- Laminate
- Melamine
- MDF/HDF
- Plastic/Acrylic
- Sign Foam, HDU
- Solid Surface
- Titanium
- Wood
- Veneered Plywood
- Xanita® Lightboard™ and X-Board™



AMS-139

### Includes

### Set No.

RC-2250, RC-1045, RC-1108, RC-1102, 45733, 45794, 45408, 45418, 45422, 45426, 46106, 46206, 46174, 46188, 46356, 45932, 46380 & RC-1076 (with RCK-360) **AMS-139**

## 18-PC. CNC SPECIALTY MULTI-MATERIAL

1/8" Shank • Solid Carbide  
Router Bit Collection



### Excellent For Cutting:

- Aluminum, Brass, Bronze, Copper
- ACM
- Aluminum FoamCore
- Carbon Fiber
- Composite
- Corrugated
- Polypropylene
- Durabond
- Fiberglass
- Fiberglass PCB Board
- FoamCore
- Gatorfoam®
- Graphite
- Laminate
- Melamine
- MDF/HDF
- Phenolic Composites
- Plastic/Acrylic
- Sign Foam, HDU
- Solid Surface
- Steel
- Titanium
- Wood
- Veneered Plywood
- Xanita® Lightboard™ and X-Board™



AMS-173

### Includes

### Set No.

51470, RB-102(2), 51471, 51506, 51461, 46291, 46295, 51415, 51410(2), 51510, 46269, 46373, 46260, 46180(2), 46127, 46227 & 46240 **AMS-173**

## 18-PC. CNC SPECIALTY MULTI-MATERIAL

1/4" Shank • Solid Carbide  
& Insert Carbide  
Router Bit Collection



AMS-176

### Includes

### Set No.

51464, 51454, 51402, 51411, 51404, 46272, 45762, 46280, 46282, 46426, 46094, 46376, 46102, 46100, 46202, 46200, 46170 & RC-2249 **AMS-176**

For material cut list see above table (AMS-173 group).

INDUSTRIAL

# Master CNC

Router Bit Collection

Set #AMS-CNC-58

INDUSTRIAL



CNC MASTER ROUTER BIT COLLECTION

Wood, Laminates, Composites, V-Groove, 3D, Signmaking, Engraving, Plastics, Foam, Aluminum & Steel



## 2D/3D CARVING

90° Flute Standard Bit (20°) Coated CBN  
Solid Carbide Router Bits

## BALL NOSE

Ball Nose Spiral Double Flute CBN  
On-Set Solid Carbide Router Bits

## MDF/LAMINATE

Compression Spindle CBN  
Solid Carbide Router Bits



## PLASTIC

Double Flute CBN Spiral V-Flute  
Solid Carbide Router Bits

## ALUMINUM

Aluminum Corrugating CBN Spiral V-Flute  
Solid Carbide Router Bits

## STEEL

Steel Cutting CBN BITTING Coated  
Solid Carbide Router Bits



## "ACM"

ACM Cutting V-Flute  
Solid Carbide Router Bits

## SIGNMAKING

V-Flute Corrugating & Signmaking CBN  
Solid Carbide & HSS Router Bits

## WOOD/MDF

Standard Spiral Flute  
Solid Carbide Router Bits

## FOAM

Flute Cutting CBN Router  
Solid Carbide Router Bits

## COMPOSITES

Compression Corrugating  
2-Flute CBN Coated CBN  
Solid Carbide Router Bits - Router Bit

1/8" SHANK

1/4" SHANK

1/2" SHANK



## Set #AMS-CNC-58

# 58-PC. CNC MASTER ADVANCED MATERIAL

*Carbide Tipped, Solid Carbide & Insert Carbide Router Bit Collection*

58 pieces of the most versatile CNC, industrial, high performance solid carbide, carbide-tipped and solid carbide insert router bits.

Stored in a freestanding or wall-mounted wood display with locking clear acrylic door that measures 27-1/2" H x 22-1/2" W x 6" D.



## Excellent For Cutting:

- Aluminum, Brass, Bronze, Copper, Gold, Silver & Titanium
- ACM
- Aluminum FoamCore
- Composite
- Corrugated Polypropylene
- Duralbond®
- Fiberglass
- Fiberglass PCB Board
- FoamCore
- Gator Board

- Graphite
- Melamine
- MDF/HDF
- Laminate
- Phenolic Composites
- Plastic, Acrylic & Plexiglas®
- Sign Foam, Sign Board & HDU
- Solid Surface
- Steel and Stainless Steel
- Veneered Plywood
- Wood
- Xanita® X-Board™ & Lightboard™

## The Ultimate CNC Cutting Solution for Advanced Material Types!

*CNC Cutting Solutions for Challenging Material Types*

### 2D/3D Carving ZrN Coated



- 46280** 3D Carving Ball Nose 1/32" Dia., 6.2"  
**46282** 3D Carving Ball Nose 1/16" Dia., 5.4"  
**46286** 3D Carving Ball Nose 1/8" Dia., 3.6"  
**46284** 3D Carving Ball Nose 1/8" Dia., 1"  
**46292** 3D Carving Flat Bottom 1/8" Dia., 0.10"  
**46294** 3D Carving Ball Nose 1/4" Dia., 0.10"  
**46490** 3D Carving Extra-Long Ball Nose 1/4" Dia., 0.10"  
**RB-116** Reduction Bushing 1/2" to 1/4"

### Ball Nose

- 46424** Spiral 3/16" Dia., 3/32" Radius  
**46426** Spiral 1/4" Dia., 1/8" Radius  
**46376** Spiral 1/4" Dia., 1/8" Radius  
**46380** Spiral 1/2" Dia., 1/4" Radius  
**46384** Spiral 1/2" Dia., 1/4" Radius

### MDF/Laminate

- 46180** Compression Spiral 1/8" Dia., 13/16" Cut Length  
**RB-102** Reduction Bushing 1/4" to 1/8"  
**46170** Compression Spiral 1/4" Dia., 7/8" Cut Length  
**46172** Compression Spiral 3/8" Dia., 1-1/4" Cut Length  
**RB-122** Reduction Bushing 1/2" to 3/8"  
**46188** Compression Spiral 1/2" Dia., 1-1/4" Cut Length

### Set Includes:

- Top selling 58 SKUs
- Plywood veneer lockable cabinet
- Plastic bushings keep bits straight & rust-free
- Locking acrylic cabinet door
- Bits are organized by material-type for easy tool selections

### Plastic 'O' Flute



- 51410** Spiral 1/8" Dia., 1/2" Cut Length  
**RB-102** Reduction Bushing 1/4" to 1/8"  
**47640** 1/4" Extension Adapter, 1/2" Shank  
**51411** Spiral 1/8" Dia., 1/2" Cut Length  
**51417** Spiral 3/16" Dia., 5/8" Cut Length  
**51404** Spiral 1/4" Dia., 3/4" Cut Length  
**51405** Spiral 1/4" Dia., 1" Cut Length  
**51504** Spiral 1/4" Dia., 3/4" Cut Length  
**43500** Straight 1/8" Dia., 1/2" Cut Length

### Aluminum 'O' Flute



- 51406** Spiral 1/8" Dia., 5/16" Cut Length  
**RB-102** Reduction Bushing 1/4" to 1/8"  
**51474** Spiral 1/8" Dia., 1/4" Cut Length  
**51454** Spiral 1/8" Dia., 1/2" Cut Length  
**51408** Spiral 3/16" Dia., 1/2" Cut Length  
**51502** Spiral 1/4" Dia., 5/8" Cut Length  
**51402** Spiral 1/4" Dia., 5/8" Cut Length

### Steel Cutting Aluminum Titanium

**Nitride (AlTiN) Coated** ALTiN COATED BITS

- 51460** Spiral 1/8" Dia., 3/8" Cut Length  
**51464** Spiral 1/4" Dia., 5/8" Cut Length  
**51467** Spiral 3/8" Dia., 1/2" Cut Length

### Aluminum Composite Material (ACM)

- 45798** 135° V-Groove, 23/32" Dia.  
**45792** 90° V-Groove, 1/2" Dia.  
**45795** 108° V-Groove, 1/2" Dia.

### Signmaking

- 45783** 18° Carving Liner, 1/4" Dia.  
**RC-1075** 1/4" Shank CNC Tool Body  
**RCK-360\*** 30° V-Groove Solid Carbide Insert Knife  
**RC-1045\*** 45° Insert CNC V-Groove, 13/16" Dia.  
**RC-1108\*** 60° Insert CNC V-Groove, 1-1/32" Dia.  
**RC-1102\*** 90° Insert CNC V-Groove, 1-1/2" Dia.

### Wood/MDF

- RC-2250\*** Mini Insert Spoilboard 1-1/2" Dia.  
**46102** Spiral Flute Plunge 1/4" Dia., Up-Cut  
**46202** Spiral Flute Plunge 1/4" Dia., Down-Cut

### Foam

- 46270** Spiral 1/8" Dia., 1-1/8" Cut Length  
**46272** Spiral 1/4" Dia., 2-1/4" Cut Length

### Composites, ZrN Coated



- 46308** Honeycomb Spiral 3/8" Dia., 1-1/4" Cut  
**RB-122** Reduction Bushing 1/2" to 3/8"  
**46306** Honeycomb Hogger Spiral 1/4" Dia.  
**RB-116** Reduction Bushing 1/2" to 1/4"  
**46094** Composites Spiral 1/4" Dia., 1/4" Cut

\* Items are from Amana Tool® Industrial Division



**INDUSTRIAL**

# CNC MASTER ROUTER BIT COLLECTION

NEW LED ILLUMINATED LOCKABLE DISPLAY WITH INTEGRATED LED LOGO HEADER, MIRRORED INTERIOR AND REAL WOOD!



## Features

Top selling 57 SKU's  
Locking door with two keys

## Specifications

31" H x 27" W x 9" D  
Weighs 36lbs (with tools)



Set #AMS-CNC-60

**57-PC, CNC MASTER ROUTER BIT COLLECTION***LED Illuminated, Mirrored Interior and Solid Wood Display*

57 pieces of the most versatile CNC, industrial, high performance solid carbide, carbide-tipped and solid carbide insert router bits. Router bits feature superior cutting edges, Spektra™ coating or mirror-like finish (on some of the tools), balancing, carbide of different grades for different materials/applications and excellent tool design to allow for repeat sharpening. 57 pieces of the most versatile CNC industrial quality high performance solid carbide carbide tipped and solid carbide insert router bits.

Stored in a freestanding or wall-mounted wood display with locking clear acrylic door that measures 27-1/2" H x 22-1/2" W x 6" D.

**The Ultimate CNC Cutting Solution for Advanced Material Types!***CNC Cutting Solutions for Challenging Material Types***Excellent For Cutting:**

- Aluminum, Brass, Bronze, Copper, Gold, Silver & Titanium
- ACM
- Aluminum FoamCore
- Composite
- Corrugated Polypropylene
- Durabond®
- Fiberglass
- Fiberglass PCB Board
- FoamCore
- Gator Board
- Graphite
- Melamine
- MDF/HDF
- Laminate
- Phenolic Composites
- Plastic, Acrylic & Plexiglas®
- Sign Foam, Sign Board & HDU
- Solid Surface
- Steel and Stainless Steel
- Veneered Plywood
- Wood
- Xanita™ X-Board™ & Lightboard™

**2D/3D Carving Spektra™ Coated**

- 46280-K** 3D Carving Ball Nose 1/32" Dia., 6.2"  
**46282-K** 3D Carving Ball Nose 1/16" Dia., 5.4"  
**46286-K** 3D Carving Ball Nose 1/8" Dia., 3.6"  
**46284-K** 3D Carving Ball Nose 1/8" Dia., 1"  
**46294-K** 3D Carving Ball Nose 1/4" Dia., 0.10"  
**46490-K** 3D Carving Extra-Long Ball Nose 1/4" Dia., 0.10"  
**RB-116** Reduction Bushing 1/2" to 1/4"

**Ball Nose**

- 46424** Spiral 3/16" Dia., 3/32" Radius  
**46426** Spiral 1/4" Dia., 1/8" Radius  
**46376-K** Spiral 1/4" Dia., 1/8" Radius  
**46380-K** Spiral 1/2" Dia., 1/4" Radius  
**46460** Spiral 1/2" Dia., 1/16" Radius

**MDF/Laminate**

- 46180-K** Compression Spiral 1/8" Dia., 13/16" Cut Length  
**RB-102** Reduction Bushing 1/4" to 1/8"  
**46170-K** Compression Spiral 1/4" Dia., 7/8" Cut Length  
**46172-K** Compression Spiral 3/8" Dia., 1-1/4" Cut Length  
**RB-122** Reduction Bushing 1/2" to 3/8"  
**46188-K** Compression Spiral 1/2" Dia., 1-1/4" Cut Length

**Set Includes:**

- Top selling 57 SKUs
- Plywood veneer lockable cabinet
- Plastic bushings keep bits straight & rust-free
- Locking acrylic cabinet door
- Bits are organized by material-type for easy tool selections

**Plastic 'O' Flute**

- 51410-K** Spiral 1/8" Dia., 1/2" Cut Length  
**RB-102** Reduction Bushing 1/4" to 1/8"  
**47640** 1/4" Extension Adapter, 1/2" Shank  
**51411-K** Spiral 1/8" Dia., 1/2" Cut Length  
**51417-K** Spiral 3/16" Dia., 5/8" Cut Length  
**51404-K** Spiral 1/4" Dia., 3/4" Cut Length  
**51405-K** Spiral 1/4" Dia., 1" Cut Length  
**51504-K** Spiral 1/4" Dia., 3/4" Cut Length  
**43500** Straight 1/8" Dia., 1/2" Cut Length

**Aluminum 'O' Flute Zn Coated**

- 51406-Z** Spiral 1/8" Dia., 5/16" Cut Length  
**RB-102** Reduction Bushing 1/4" to 1/8"  
**51474-Z** Spiral 1/8" Dia., 1/4" Cut Length  
**51454-Z** Spiral 1/8" Dia., 1/2" Cut Length  
**51408-Z** Spiral 3/16" Dia., 1/2" Cut Length  
**51502-Z** Spiral 1/4" Dia., 5/8" Cut Length  
**51402-Z** Spiral 1/4" Dia., 5/8" Cut Length

**Steel Cutting Aluminum Titanium Nitride (AITN) Coated**

- 51460** Spiral 1/8" Dia., 3/8" Cut Length  
**51464** Spiral 1/4" Dia., 5/8" Cut Length  
**51593** Spiral Multi Helix 1/4" Dia., 5/8" Cut

**Aluminum Composite Material (ACM)**

- 45792** 90° V-Groove, 1/2" Dia.  
**45795** 108° V-Groove, 1/2" Dia.

**Signmaking**

- 45783** 18° Carving Liner, 1/4" Dia.  
**RC-1075** 1/4" Shank CNC Tool Body  
**RCK-360\*** 30° V-Groove Solid Carbide Insert Knife  
**RC-1045\*** 45° Insert CNC V-Groove, 13/16" Dia.  
**RC-1108\*** 60° Insert CNC V-Groove, 1-1/32" Dia.  
**RC-1102\*** 90° Insert CNC V-Groove, 1-1/2" Dia.  
**45624** 60° V-Groove, 1/4" Dia.

**Wood/MDF**

- RC-2250\*** Mini Insert Spoilboard 1-1/2" Dia.  
**46102** Spiral Flute Plunge 1/4" Dia., Up-Cut  
**46202** Spiral Flute Plunge 1/4" Dia., Down-Cut

**Foam**

- 46270** Spiral 1/8" Dia., 1-1/8" Cut Length  
**46272** Spiral 1/4" Dia., 2-1/4" Cut Length

**Composites**

- 46308** Honeycomb Spiral 3/8" Dia., 1-1/4" Cut  
**RB-122** Reduction Bushing 1/2" to 3/8"  
**46306** Honeycomb Hogger Spiral 1/4" Dia.  
**RB-116** Reduction Bushing 1/2" to 1/4"  
**46094-K** Composites Spiral 1/4" Dia., 1/4" Cut

\* Items are from Amana Tool® Industrial Division