

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	Set No.
45704 (90°) & 45783 (18°)	AMS-193



AMS-193

2-PC. CNC SIGMAKING/ ENGRAVING

1/8"
SHANK

1/4"
SHANK

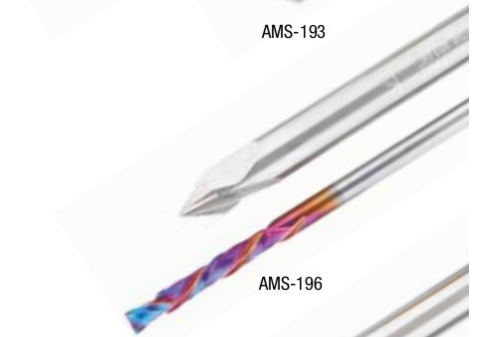


New

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

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

Includes	Set No.
46180-K & 45624 (60°)	AMS-196



AMS-196

2-PC. CNC SPEKTRA™ SIGMAKING

1/4"
SHANK

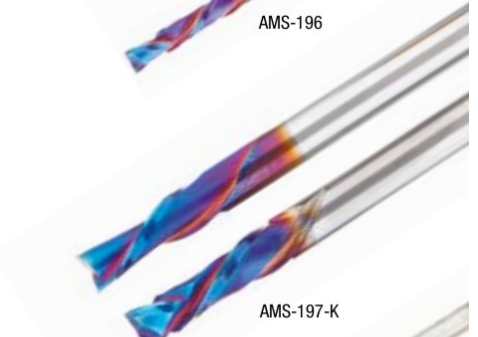


New

1/4" Shank • Solid Carbide Router Bit Pack

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

Includes	Set No.
46202-K & 46170-K	AMS-197-K



AMS-197-K

2-PC. CNC SPEKTRA™ SIGMAKING

1/4"
SHANK

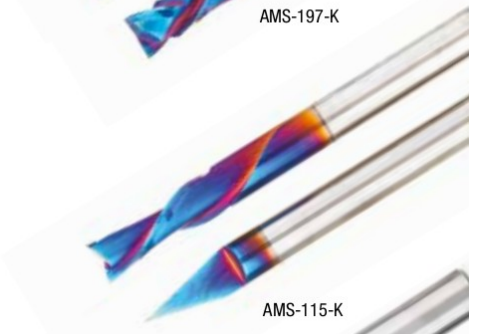


New

1/4" Shank • Solid Carbide Router Bit Pack

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

Includes	Set No.
46202-K & 45771-K (30°)	AMS-115-K



AMS-115-K

2-PC. CARVING/ ENGRAVING PACK

1/4"
SHANK

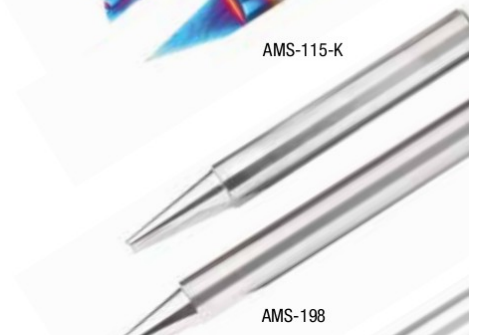


New

1/4" Shank • Solid Carbide Router Bit Pack

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

Includes	Set No.
45780-K (15°) & 45783 (18°)	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	Set No.
45910 & 46282-K	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	Set No.
46170-K, 46202-K & 45771-K	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	Set No.
46202-K, 46202-K, 45771-K & 46294-K	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	Set No.
46180-K, 46227-K, 51410-K, 51406-K, 46295-K & RB-102	AMS-112



AMS-177

8-PC. CNC V-GROOVE, POINT ROUND OVER & MULTI-PURPOSE

1/4" Shank • Solid Carbide Router Bit Collection

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



Includes	Set No.
45704, 45705, 46376, 46102, 46282, 56125, 46202 & 46200	AMS-177



AMS-177-K

New **8-PC. CNC V-GROOVE, POINT ROUND OVER & 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	Set No.
45704, 45705, 46376-K, 46102-K, 46282-K, 56125, 46202-K & 46200-K	AMS-177-K

3-PC. MATT'S CNC STARTER FOR SHAPEOKO



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

Includes	Set No.
46202-K, 46200-K & RC-1148	AMS-119



AMS-119

4-PC. MATT'S CNC STARTER FOR SHAPEOKO



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

For material cut list visit 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



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



Includes	Set No.
RC-2248, RC-1142, RC-1148, 46170-K, RC-1145, 46202-K, 46282-K & 45771-K	AMS-179



AMS-179

8-PC. JOOS ADVANCED CNC



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



Includes	Set No.
46201-K, 45225-K, 46202-K, 46170-K, 45771-K, RC-1145, RC-1148 & 46282-K	AMS-230



AMS-230

8-PC. CNC THE DUTCHMAN MODIFIES CASE MODDING SET



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

For material cut list visit 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



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



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



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



AMS-130

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



AMS-164

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



AMS-237

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

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	Set No.
46282, 46286, 46102, 45705 & 45700	AMS-127



AMS-127

8-PC. CNC STARTER SIGNSMAKING 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	Set No.
51404, 45226, RC-2248, RC-1145, 46374, 46284, 51402 & 46202	AMS-131



AMS-131

8-PC. STARTER SIGNSMAKING 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 IV**



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.



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

1/2"
SHANK



New

See page 51 for material cut list.

▲ **Warning:** For maximum RPM visit www.amanatool.com



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

1/2"
SHANK



New

See page 51 for material cut list.

▲ **Warning:** For maximum RPM visit www.amanatool.com

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



AMS-153

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

1/2" Shank • Insert Carbide Router Bit Pack

1/4"
SHANK



New

See page 51 for material cut list.

▲ **Warning:** For maximum RPM visit www.amanatool.com

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



AMS-157

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

1/2" Shank • Insert Carbide Router Bit Collection

1/2"
SHANK



See page 51 for material cut list.

▲ **Warning:** For maximum RPM visit www.amanatool.com



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



AMS-150

Visit website for additional sets.

 CNC feed and speed available online



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



AMS-128

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



Includes

Set No.

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

AMS-128



AMS-151

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)
- ALPOLIC® Copper Composite Material (CCM)
- Alucobond®
- Alupanel®
- Dibond®
- Durabond
- e-panel™
- Etalbond®
- Phenolics
- Plastic/Acrylic
- Plexiglas®
- Titanium Composite Material (TCM)
- Wood



Includes

Set No.

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

AMS-151



AMS-138

10-PC. CNC 3D, SIGNS, 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



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).



CNC feed and speed available online

INDUSTRIAL

Master CNC

Router Bit Collection

Set #AMS-CNC-58





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
- 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™

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



- 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

Set #AMS-CNC-60 **New**

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 ZrN 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

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