

## **SPEKTRA** EXTREME TOOL LIFE COATING New

### **CNC 2D/3D CARVING TAPERED**

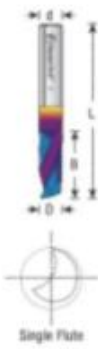
*Solid Carbide • 2, 3 & 4 Flute • Ball Nose*

Extreme tool life coated, special unique carbide with nAco<sup>®</sup> nanocomposite coating for longer tool life.



ØD	B	a°	R	Flute	Ød	L	Tool No.
1/32	1	6.2°	1/64	3	1/4	3	46280-K
1/16	1	5.4°	1/32	4	1/4	3	46282-K
1/8	1	3.6°	1/16	3	1/4	3	46286-K
1/8	1-1/2	1°	1/16	3	1/4	3	46284-K
1/4	1/2	0.10°	1/8	2	1/4	3	46294-K

For complete details on Spektra™ visit [www.amanatool.com/spektra](http://www.amanatool.com/spektra)



## **SPEKTRA** EXTREME TOOL LIFE COATING New

### **CNC PLASTIC CUTTING SPIRAL 'O' FLUTE**

*Solid Carbide • Single Flute • Up-Cut*

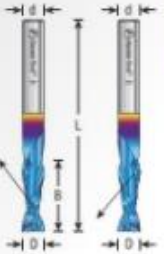
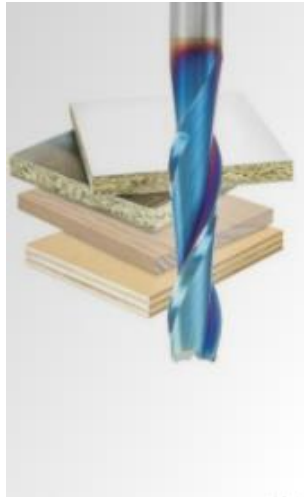
The Spektra™ nAco<sup>®</sup> nanocomposite micro-thin coating provides longevity and cutting results of the highest quality. For complete details on Spektra™ visit [www.amanatool.com/spektra](http://www.amanatool.com/spektra)



ØD	B	Ød	L	'Up-Cut' Tool No.	'Down-Cut' Tool No.
1/16	1/4	1/8	2	S1415-K †	—
1/16	1/4	1/4	2	S1441-K	—
1/8	1/2	1/8	2	S1410-K †	S1510-K †
1/8	1/2	1/4	2	S1411-K	S1511-K
1/8	3/4	1/4	2-1/2	S1446-K	—
1/4	3/4	1/4	2	S1404-K	S1504-K
1/4	1	1/4	2-1/2	S1405-K	—
3/16	5/8	1/4	2	S1417-K	—

5-Pc Spektra Set includes S1441-K, S1410-K, S1446-K, S1417-K & S1404-K **AMS-100-K**  
 † Router collet reducer RB-102 (1/4 to 1/8) available for 1/8 shank bits.

B



## **SPEKTRA** EXTREME TOOL LIFE COATING New

### **SPIRAL FLUTE PLUNGE**

*Solid Carbide • 2 Flute*

The Spektra™ nAco<sup>®</sup> nanocomposite coating is a micro thin ceramic coating which enables the tool's cutting edge to retain crucial sharpness and lubricity. This provides longevity and produces cutting results of the highest quality.

For complete details on Spektra™ visit [www.amanatool.com/spektra](http://www.amanatool.com/spektra)

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

**UP TO 2.5X LONGER LIFE**  
COMPARE TO UNSOLIDIFIED



ØD	B	Ød	L	'Up-Cut' Tool No.	'Down-Cut' Tool No.
1/8	1/2	1/4	2	46100-K	46200-K
1/8	13/16	1/4	2-1/2	46125-K	46225-K
1/4	3/4	1/4	2-1/2	46102-K	46202-K
1/4	1	1/4	2-1/2	46315-K	46415-K
1/2	1-1/4	1/2	3	46106-K	46206-K
3/8	1-1/4	3/8	3	46320-K	46420-K



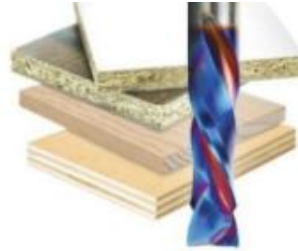
## CNC COMPRESSION SPIRAL FLUTE **New**

*Solid Carbide • 2 & 3 Flute • For MDF/Laminate*

The Spektra™ nACo® nanocomposite coating is a micro thin ceramic coating which enables the tool's cutting edge to retain crucial sharpness and lubricity. This provides longevity and produces cutting results of the highest quality.

ØD	B	B1	Ød	L	Flute	Tool No.
1/8	13/16	7/32	1/8	2-1/2	2	46180-K
1/4	7/8	7mm	1/4	2-1/2	2	46170-K
3/8	7/8	.200	3/8	3	2	46171-K
3/8	1	9mm	1/2	3	2	46161
3/8	1-1/4	9mm	3/8	3	2	46172-K
1/2	1-1/4	11mm	1/2	3	2	46188-K
1/2	1-5/8	13mm	1/2	3-1/2	2	46190-K
3/8	1-1/8	9mm	3/8	3	3	46010-K
1/2	1-1/4	9mm	1/2	3	3	46012-K
1/2	1-5/8	9mm	1/2	3-1/2	3	46014-K

5-Pc Spektra Set (includes 46172-K, 46188-K, 46190-K, 46010-K & 46170-K) **AMS-182-K**



**Excellent For Cutting:**

- CFRP
- Double-Sided Melamine
- Laminate
- MDF/HDF
- Melamine Particleboard
- Oriented Strand Board (OSB)
- Veneered Plywood
- Wood

UP TO  
**2.5X**  
LONGER LIFE  
COMPARED TO UNCOATED BITS



## CNC MORTISE COMPRESSION SPIRAL **New**

*Solid Carbide • 2 & 3 Flute • For Mortising Work*

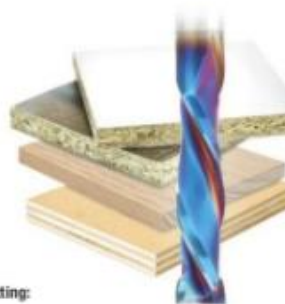
The Spektra™ nACo® nanocomposite coating is a micro thin ceramic coating which enables the tool's cutting edge to retain crucial sharpness and lubricity. This provides longevity and produces cutting results of the highest quality.

For complete details on Spektra™ visit [www.amanatool.com/spektra](http://www.amanatool.com/spektra)



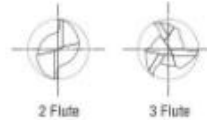
ØD	B	B1	Ød	L	Flute	Tool No.
1/4	1	1/8	1/4	2-1/2	2	46350-K
3/8	7/8	1/8	3/8	3	2	46367-K
3/8	1-1/4	3/16	1/2	3	2	46352-K
3/8	1	3/16	3/8	3	3	46020-K

CNC feed and speed available online



**Excellent For Cutting:**

- MDF/HDF
- Double-Sided Melamine
- Laminate
- Wood & Plywood



UP TO  
**2.5X**  
LONGER LIFE  
COMPARED TO UNCOATED BITS

**Set #AMS-190-K Includes:**

Compression	Plastic 'O' Flute	Spiral Plunge
46170-K	51441-K	46100-K
46171-K	51410-K	46102-K
46161	RB-102	46315-K
46010-K	51411-K	
46162	51446-K	
46163	51417-K	
46012-K	51404-K	
46165	51405-K	

## 18-PC. SPIRAL MASTER COLLECTION **New**

*Solid Carbide Carbide Compression Spiral, Plastic Cutting Spiral 'O' Flute & Spiral Plunge*



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