

# TOOLING IS EVERYTHING



Xperience the difference



# RAZOR SERIES (UHMW, HDPE, HDU, PVC, Acrylic, Phenolic, Solid Surface, ACM) 2 Fluted Up-Spiral Razor Series 3 Fluted Up-Spiral Razor Series **ΩMEGA SERIES** (Acrylic, Wood, Assorted Plastics) Single Fluted Up-Spiral Omega Series Single Fluted Down-Spiral Omega Series 2 ACRYL-X SERIES (Acrylic, Aluminum) Single Fluted MCD Polishing Tool MCD Polishing Machine VIPER SERIES (Aluminum, ACM, Wood) 2 Fluted Up-Spiral Viper Series Single Fluted Up-Spiral Viper Series The Table Single Fluted Down-Spiral Viper Series



### VIPER BLACK SERIES (Aluminum, ACM, Wood)

Single Fluted Up-Spiral Viper "BLACK" Series Single

Single Fluted Down-Spiral Viper "BLACK" Series



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(

### COBRA SERIES (Hardwood, Softwood, MDF, Melamine Board)

2 Fluted Cobra Compression

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2 Fluted Long Life Cobra Compression



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2 Fluted Mortising Cobra Compression



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3 Fluted Cobra Compression



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### TAPERED CARVING SERIES (HDU, Acrylic, Plastics, Wood)

3 Fluted Up-Spiral Carving Series



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### BALL MILL SERIES (HDU, Aluminum, Acrylic, Plastics, Wood)

2 Fluted Up-Spiral Ball End Mill Series



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### CHAMFER SERIES (Aluminum, ACM, Plastics, Wood)

3 Fluted Up-Spiral 90° Chamfer Series 3 Fluted Up-Spiral 108° Chamfer Series 10 ACM SERIES (ACM, Plastics, Wood) 2 Fluted 90° V ACM Series 2 Fluted 135° V ACM Series 11 11 "V" GROOVE ENGRAVING SERIES (HDU, Wood, Plastics, Aluminum) 2 Fluted 90° V-Groove Series 2 Fluted 60° V-Groove Series 12 **SHAPING SERIES** (Plastics, Wood) 2 Fluted Double Chamfer Shaping Series 2 Fluted Round & Route Shaping Series 13 14 2 Fluted Chamfer & Route Shaping Series 13



### INSERT V-CARVE SERIES (HDU, Plastics, Wood)

Single Fluted 60° Insert V-Carve Series



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Single Fluted 90° Insert V-Carve Series



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Dual Fluted 120° Insert V-Carve Series



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Dual Fluted 140° Insert V-Carve Series



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Replacement Inserts For V-Carve Series



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### CARBIDE DRILL SERIES (Aluminum, Plastics, Wood)

2 Fluted Up-Spiral Solid Carbide Drill Series



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### TABLE MILL SERIES (Wood, Plastics)

2 Wing Insert Table Mill Series



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Replacement Inserts for Table Mill Series



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Oscillating Blades-Pointed Drag Blades-Round Stock XZ 0020 19-20 22 Drag and Oscillating Blades-Pointed V-Cut Blades 20 22 Oscillating Blades-Flat Passepartout/Mat Cutting Blades XZ 0026 XZ0031 20-21 22-23 Drag Blade-Flat Stock Rotary Blades Z 0010 21-22 23 MULTICAM KNIFE BLADES Oscillating Knife Blades Rotary Blades 24-29 31 Drag Knife Blades V-Cut Blades 29-31 32 Driven Rotary Tool Blades



### KONGSBERG COMPATIBLE KNIFE BLADES

Single Edge Round 6mm Shaft Oscillating Blades Double-Edge Flat & Rota Cut Blades 38 33-34 Single Edge Round 6mm Serrated Blades Special Purpose Heavy-Duty Flat Blades 34 8mm Shaft Blades Kiss Cut Blades 35 39 Single Edge Flat Blades 35-37 AXYZ COMPATIBLE KNIFE BLADES Tangential Knives Oscillating Knives 42 39-42 ECOCAM COMPATIBLE KNIFE BLADES **EOT Blades** Universal Blades

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### COLEX COMPATIBLE KNIFE BLADES

Oscillating Blades

XZ 0020

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Double Edge Blades

Z 0010

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Single Edge Blades



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V-Cut Blades



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Fabric Blades



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### ARISTO COMPATIBLE KNIFE BLADES

6mm Shaft Oscillating



Flat Blades



Circular Blades



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### **TOOL HOLDERS**





### **COLLETS**

ER40		1	ER25		
		<b>(P)</b>			
ER32		55	ER16	_C	56
EK32			LKIO	7.0	
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### **TORQUE WRENCHES**

ER40 Torque Wrench

5.

ER32 Torque Wrench



ER25 Torque Wrench



ER16 Torque Wrench



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### **CHANGING STATIONS**

HSK 63 Base



(b)



HSK 25 Base

HSK 32 Base



ISO 30 Base



ISO 25 Base



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### **MISTING COOLANT**

 $Liquid \ X^{^{\text{\tiny TM}}}$ 



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### **NU-TOOL CLEANER**

NU-TOOL™ Step 1 Cleaner



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NU-TOOL™ Step 2 Protectant



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### **WIPER KITS**

HSK 63 ER40 Wiper Kit



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ISO 30 ER32 Wiper Kit



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HSK 32 ER25 Wiper Kit



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### **VACUUM ENHANCERS**

3mm MatriX Mat



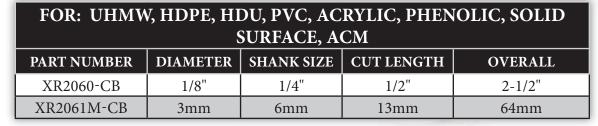
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### **RAZOR SERIES**

Designed to produce extremely smooth edge finish on a wide range of materials including, but not limited to UHMW, HDPE, HDU, PVC, Phenolic, Solid Surface, ACM, Wood, etc.

### 2 FLUTE UP-SPIRAL

(Use for detail cutting)



### 3 FLUTE UP-SPIRAL

(Provides smoothest edge finish)

FOR: UHMW, HDPE, HDU, PVC, ACRYLIC, PHENOLIC, SOLID							
SURFACE, ACM							
PART NUMBER	DIAMETER	SHANK SIZE	CUT LENGTH	OVERALL			
XR2061S-CBEEL	3/16"	3/16"	1-1/2"	3"			
XR2061-CB	3/16"	1/4"	5/8"	2-1/2"			
XR2062-CB	1/4"	1/4"	3/4"	2-1/2"			
XR2062-CBEL	1/4"	1/4"	1"	2-1/2"			
XR2062-CBEEL	1/4"	1/4"	1-1/2"	3-1/2"			
XR2063-CB	3/8"	3/8"	1"	2-1/2"			
XR2063-CBEEL	3/8"	3/8"	2-1/2"	5"			
XR2064-CB	1/2"	1/2"	1-1/2"	3-1/2"			
XR2064-CBEL	1/2"	1/2"	2-1/2"	5"			
XR2062M-CB	6mm	6mm	25mm	64mm			



### **ΩMEGA SERIES**

Highly polished single fluted tool with up or down geometry specifically designed for premium edge quality in acrylic, but may also be used to cut wood and other plastics.

### SINGLE FLUTE UP-SPIRAL

(Use edge finish pass of .06" on acrylic)





(Ideal choice for thin materials)

FOR: ACRYLIC, WOOD, ASSORTED PLASTICS						
PART NUMBER   DIAMETER   SHANK SIZE   CUT LENGTH   OVERALL						
XO2910-S	1/8"	1/4"	.3"	2"		
XO2911-1	3/16"	3/16"	5/8"	2"		
XO2911	3/16"	1/4"	5/8"	2-1/2"		
XO2912	1/4"	1/4"	3/4"	2-1/2"		



### **ACRYL-X SERIES**

The Acryl-X Series is dedicated to producing the highest acrylic edge quality possible by utilizing matural dismonds (MCD) to polish the acrylic. Offered both as a polishing router bit to use on your CNC router, and as a stand alone polishing machine for faster offline polishing of straight cut parts.

### 1 FLUTE MCD DIAMOND POLISHING TOOL

FOR: ACRYLIC						
PART NUMBER DIAMETER SHANK SIZE CUT LENGTH OVERALL						
XPT-1068	6mm	6mm	8mm	65mm		



### MCD DIAMOND POLISHING MACHINE

FOR: ACRYLIC						
PART NUMBER VOLTAGE PHASE MAX THICKNESS MCD HEAD INCLUDE						
XPM-1071	220	1	3/4"	YES		

The Acryl-X XPM-1071 vertical desktop edge polishing machine is for producing high gloss as well as satined edge finishes or even tension-free edges for gluing.

Processing speed can be adjusted to suit any material with a turn of the variable speed input conveniently located on the front of the machine. The housing is made entirely of heat-dissipating aluminum along with ventilation slots to prevent over heating. The protective hood of the polishing machine is designed to prevent material chips from causing surface smear.

### \*\*NOTE\*\*

110v converter option available for additional charge.





# VIPER SERIES

Highly polished tool designed specifically for achieving the best possible edge finish on aluminum while maintaining a high feed rate. The 2 fluted Viper was designed specifically for 50-51 & 60-62 or harder aluminum.

### **2 FLUTE UP-SPIRAL**

(Optimized for 50-51 or harder aluminum)



FOR: ALUMINUM, ACM, WOOD							
PART NUMBER	DIAMETER	DIAMETER   SHANK SIZE   CUT LENGTH   OVERALL					
XV2030-S	1/8"	1/4"	.2"	2"			
XV2030	1/8"	1/4"	3/8"	2-1/2"			
XV2031	3/16"	1/4"	5/8"	2"			
XV2032-S	1/4"	1/4"	5/8"	2"			
XV2032	1/4"	1/4"	1"	2-1/2"			
XV2033	3/8"	3/8"	1"	2-1/2"			
XV2034	1/2"	1/2"	1"	3"			
XV2034-EL	1/2"	1/2"	1"	4"			
XV2035-EL	3/4"	3/4"	3"	6"			
XV2030M	3mm	6mm	10mm	58mm			
XV2032M	6mm	6mm	22mm	58mm			



### **VIPER SERIES**

Single fluted Viper excels in 3003, or when cutting thin sheets as to reduce part lift.

### SINGLE FLUTE UP-SPIRAL

(Best for 3003 aluminum or thin materials)



FOR: ALUMINUM, ACM, WOOD							
PART NUMBER	DIAMETER	SHANK SIZE	CUT LENGTH	OVERALL			
XVO2230-1	1/8"	1/8"	1/4"	2"			
XVO2230	1/8"	1/4"	1/4"	2"			
XVO2231-1	3/16"	3/16"	1/2"	2"			
XVO2231	3/16"	1/4"	1/2"	2"			
XVO2232	1/4"	1/4"	5/8"	2"			
XVO2233	3/8"	3/8"	1"	3"			
XVO2230M	3mm	6mm	12mm	64mm			
XVO2232M	6mm	6mm	15mm	64mm			



### SINGLE FLUTE DOWN-SPIRAL

(Better hold down cutting thin aluminum)



FOR: ALUMINUM, ACM, WOOD							
PART NUMBER   DIAMETER   SHANK SIZE   CUT LENGTH   OVERALL							
XVO2930	1/8"	1/4"	1/4"	2"			
XVO2931-1	3/16"	3/16"	3/8"	2-1/2"			
XVO2932	1/4"	1/4"	5/8"	2"			



Use Liquid-X™ misting fluid with Viper series tooling on aluminum for optimum edge quality, highest feed rates and longer tool life.

# VIPER BLACK SERIES

Viper series with a DLC coating for cutting aluminum without misting fluid. Also when used with misting fluid it extends tool life.

### SINGLE FLUTE COATED UP-SPIRAL

(For cutting aluminum with no mist)

FOR: ALUMINUM, ACM, WOOD							
PART NUMBER   DIAMETER   SHANK SIZE   CUT LENGTH   OVERALL							
XVO2230-DLC	1/8"	1/4"	1/4"	2"			
XVO2231-DLC	3/16"	1/4"	1/2"	2"			
XVO2232-DLC	1/4"	1/4"	5/8"	2"			
XVO2233-DLC	3/8"	3/8"	1"	3"			
XVO2230M-DLC	3mm	6mm	12mm	64mm			
XVO2232M-DLC	6mm	6mm	15mm	64mm			

### SINGLE FLUTE COATED DOWN-SPIRAL

FOR: ALUMINUM, ACM, WOOD						
PART NUMBER DIAMETER SHANK SIZE CUT LENGTH OVERALL						
XVO2932-DLC	1/4"	1/4"	5/8"	2"		



### **COBRA SERIES**

Combination of down and up cutting edges keeps material surface from chipping on either side. Perfect for Melamine board, Plywood, and other materials where top and bottom of material is prone to chipping.

#### 2 FLUTE COMPRESSION

(Best for general purpose through cutting)

FOR: HARDWOOD, SOFTWOOD, MDF, MELAMINE BOARD						
PART NUMBER	DIAMETER	SHANK SIZE	CUT LENGTH	UP	OVERALL	
XC2020	1/8"	1/8"	7/8"	1/8"	2-1/2"	
XC2022	1/4"	1/4"	1"	3/16"	2-1/2"	
XC2023	3/8"	3/8"	1-1/4"	3/8"	3"	

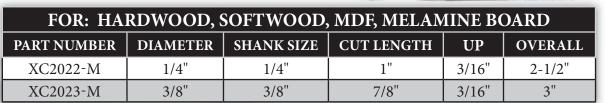


(Harder grade carbide for longer life)



#### 2 FLUTE MORTISING COMPRESSION

(Short upcut helps keep parts from moving)



#### 3 FLUTE COMPRESSION

(Used when higher feedrates are desired)

FOR: HARDWOOD, SOFTWOOD, MDF, MELAMINE BOARD						
PART NUMBER DIAMETER SHANK SIZE CUT LENGTH UP OVERALL						
XC2123	3/8"	3/8"	1-1/4"	3/8"	3"	
XC2124	1/2"	1/2"	1-1/4"	7/16"	3"	







# TAPERED CARVING SERIES

Designed to offer smooth 3D carving while maintaining high strength and deflection resistance inherent to the tapered geometry. A 3D signmakers "Must Have".

### 3 FLUTE UP-SPIRAL TAPERED BALL

(Use at full depth, eliminating roughing pass)

FOR: HDU, ACRYLIC, PLASTICS, WOOD								
PART NUMBER	PART NUMBER   TIP SIZE   SHANK SIZE   CUT LENGTH   OVERALL   TAPER							
XCT0132	1/32"	1/4"	1"	3"	6.3°			
XCT016	1/16"	1/4"	1"	3"	5.5°			
XCT018	1/8"	1/4"	1"	3"	3.6°			
XCT518	1/8"	1/2"	2-1/2"	4"	4°			
XCT3418	1/8"	3/4"	4"	7"	8°			

## BALL MILL SERIES

These take the standard ball nose platform to the next level with an extra finishing step and a special flute design optimized for greater surface finish.

### 2 FLUTE BALL END MILL

(The radius is half of the tool's diameter)



FOR: HDU, ALUMINUM, PLASTICS, WOOD				
PART NUMBER	DIAMETER	SHANK SIZE	CUT LENGTH	OVERALL
XB2072	1/4"	1/4"	3/4"	2-1/2"
XB2073	3/8"	3/8"	1"	2-1/2"
XB2074	1/2"	1/2"	1"	3"
XB2072M	6mm	6mm	12mm	50mm



TIP: Use Liquid  $X^{m}$  misting fluid with Ball Mill series tooling on aluminum for optimum edge quality and highest feedrates.



### **CHAMFER SERIES**

A unique design of 3 fluted up-spiral cut edges fit to a precise angle to achieve phenomenal cut quality in various materials.

### 3 FLUTE UP-SPIRAL CHAMFER 90°

(Best when used after cut out)

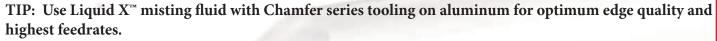


FOR: ALUMINUM, PLASTICS, WOOD, ACM						
PART NUMBER	RT NUMBER SHANK FLAT V- DEPTH OVERALL					
XCH2042-S	1/4"	.05"	.12"	2-23/64"		
XCH2043-S	3/8"	.055"	.157"	3"		
XCH2044-S	1/2"	.07"	.196"	3"		

### 3 FLUTE UP-SPIRAL CHAMFER 108°

(Best when used after cut out)







# **ACM SERIES**

Makes folding aluminum composite materials easy. Choose from 90 degree tools to create 90 degree folds or our 135 degree tools for 45 degree folds

### 2 FLUTE 90° V

(.7" at widest point)



FOR: ACM, PLASTICS, WOOD					
PART NUMBER SHANK FLAT V- DEPTH OVERALL					
XACM90-V	3/8"	.1"	5/16"	2-3/8"	
XACM90M-V	6mm	2.5mm	8mm	60mm	



### 2 FLUTE 135° V

(.7" at widest point)



FOR: ACM, PLASTICS, WOOD				
PART NUMBER SHANK FLAT V- DEPTH OVERALL				
XACM135-V	3/8"	.1"	5/16"	2-3/8"



Note\* For through-cutting of ACM, see "RAZOR", or "VIPER O" series tooling



# V-GROOVE ENGRAVING

Perfect for your signmaking and engraving needs. Pointed tip with very small flat allows for sharp engraved letters and designs.

### 2 FLUTE 90° V-TOOL

(Best for med-lrg shapes/letters)

FOR: HDU, WOOD, PLASTICS, ALUMINUM					
PART NUMBER	SHANK SIZE	V-DEPTH	OVERALL	CUT WIDTH	
XV2005	1/4"	11/64"	1-5/8"	3/8"	
XV2006M	6mm	4.5mm	41mm	9.5mm	
XV2005-LD	1/4"	9/16"	1-7/8"	1"	



### 2 FLUTE 60° V-TOOL

(Best for small shapes/letters or sharp details)

FOR: HDU, WOOD, PLASTICS, ALUMINUM					
PART NUMBER	SHANK SIZE	V-DEPTH	OVERALL	CUT WIDTH	
XV2006	1/4"	3/8"	1-3/4"	1/2"	



# **SHAPING SERIES**

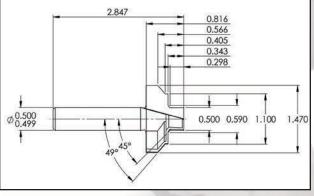
Various tools for applying shaped edges or grooves.

### 2 FLUTE DOUBLE CHAMFER

(Cut and chamfer all in one)



FOR: PLASTICS, WOOD					
PART NUMBER   SHANK   LARGEST DIA   SMALLEST DIA   OVERALL					
RADXB0002	1/2"	1.47"	1/2"	2.847"	
			ANNA		





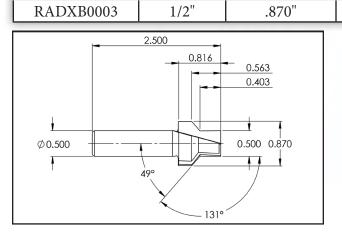
### 2 FLUTE CHAMFER & ROUTE

PART NUMBER

(Cut and chamfer top edge all in one.)

one.)					
R: PLASTICS, WOOD					
LARGEST DIA SMALLEST DIA		OVERALL			

1/2"



**SHANK** 

FOR: PLAS



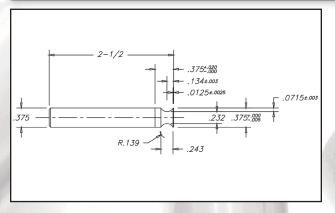
2-1/2"

# **SHAPING SERIES**

### 2 FLUTE ROUND & ROUTE

(Cut and round top and bottom edges all in one.)

FOR: PLASTICS, WOOD				
PART NUMBER SHANK RADIUS USE ON OVERALL				
RADXB0004	3/8"	.139"	1/4" Material	2-1/2"





# **INSERT V-CARVE SERIES**

Replaceable insert blades makes this tool a one-time purchase. Simply replace the inserts as they wear while keeping and reusing the body for many years. Single blade design allows for a perfectly pointed growe within flat.

### SINGLE EDGE 60° V-TOOL

(Best for small shapes/letters or sharp details)

FOR: HDU, PLASTICS, WOOD					
PART NUMBER	SHANK SIZE	V-DEPTH	OVERALL	CUT WIDTH	
XIV6012	1/2"	29/32"	2-1/2"	1-1/32"	



### SINGLE EDGE 90° V-TOOL

(Best for med-lrg shapes/letters)

FOR: HDU, PLASTICS, WOOD						
PART NUMBER   SHANK SIZE   V-DEPTH   OVERALL   CUT WIDTH						
XIV9014	1/4"	3/4"	2-9/16"	1-1/2"		
XIV9012	1/2"	3/4"	3-1/32"	1-1/2"		
XIV9034	3/4"	1-1/2"	3-15/16"	3"		



### **DUAL EDGE 120° V-TOOL**

(Best for large shapes/letters or 3D texture designs)

	FOR: I	HDU, PLASTIC	CS, WOOD	
PART NUMBER	SHANK SIZE	V-DEPTH	OVERALL	CUT WIDTH
XIV12012	1/2"	9/16"	3-5/32"	2-1/32"



# **INSERT V-CARVE SERIES**

### **DUAL EDGE 140° V-TOOL**

(Best for large shapes/letters or 3D texture designs)

9	
C	

FOR: HDU, PLASTICS, WOOD				
PART NUMBER   SHANK SIZE   V-DEPTH   OVERALL   CUT WIDTH				
XIV14012	1/2"	3/8"	3-5/32"	2-3/16"



### REPLACEMENT INSERTS

(\* Indicates dual sided)



FOR: INSERT V-CARVE SERIES			
PART NUMBER	THICKNESS	OVERALL LENGTH	FOR TOOL
XIV6012-CI	1.5mm	27mm	XIV6012
XIV9014-CI *	1.5mm	28mm	XIV9014
XIV9012-CI *	1.5mm	28mm	XIV9012
XIV9034-CI *	1.5mm	48mm	XIV9034
XIV12012-CI	1.5mm	29.5mm	XIV12012
XIV14012-CI	1.5mm	29.5mm	XIV14012



### **CARBIDE DRILL SERIES**

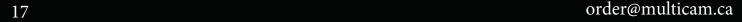
Created for the purpose of long life and making perfect drill holes on a CNC router, these solid carbide drill bits don't exhibit the short life, deflection, and low quality holes normally associated with standard high speed steel "off the shelf" drill bits.

Most CNC router tooling is not designed for plunging straight downward into the material; doing so will exert high load force onto the face of the spindle bearings causing pre-mature failure. Using proper tools like a drill bit designed for plunging will save your spindle from unnecessary wear & tear.

### **2 FLUTE SOLID CARBIDE DRILLS**

(Ideal for creating accurate holes)

	FOR: ALUMINUM, PLASTICS, WOOD				
PART NUMBER	PART NUMBER   DRILL SIZE   SHANK SIZE   OVERALL   CUT DEPTH				
XCD2079-S	1/16"	1/8"	1-1/2"	.122"	
XCD2080-S	1/8"	1/8"	2"	.8"	
XCD2081-S	3/16"	3/16"	2"	1.1"	
XCD2082-S	1/4"	1/4"	3"	1.3"	
XCD2083-S	3/8"	3/8"	3"	1.3"	
XCD2084-S	1/2"	1/2"	3"	1.6"	



# TABLE MILL SERIES

Designed for use on MDF spoilboards to provide a smooth, flat surface which will allow for the greatest air flow from your vacuum pump possible. Replaceable insert designs makes for a low lifetime cost of ownership.

### 2 WING TABLE MILL INSERT CUTTER

(Best choice for milling vacuum table)

FOR: WOOD, PLASTICS				
PART NUMBER	SHANK SIZE	DIAMETER	OVERALL LENGTH	CUT DEPTH
XSC-9001S	3/8"	1-1/2"	2-3/4"	.55"
XSC-9001	1/2"	2-1/2"	2-3/4"	.55"



### REPLACEMENT INSERTS FOR TABLE MILL CUTTERS

(All 4 sides of each insert can be used)

	FOR:	TABLE MILI	L CUTTERS	
PART NUMBER	LENGTH	WIDTH	RADIUS	ANGLE
XSC-9001-CI	14mm	14mm	0°	30°



### **OSCILLATING BLADE-POINTED**

	E-POINTED	
XZ0020	CUT LENGTH	14.3mm
	REPLACES	Z20
XZ 0020	HOLDER	EOT/EOT-250/POT
	MATERIAL	Corrugated, Foam Board, Folding Carton, Magnetic Foil, Rubber, etc.
	NOTES	Very fine, delicate blade with min. overcut; designed for intricate cuts
XZ0021	CUT LENGTH	17.2mm
	REPLACES	Z21
email to the second	HOLDER	EOT/EOT-250/POT
XZ 6021	MATERIAL	Corrugated, Foam Board, Folding Carton, Magnetic Foil, Rubber, etc.
	NOTES	Fine blade with low overcut; designed to cut intricate detail
XZ0022	CUT LENGTH	14mm
	REPLACES	Z22
XZ 0022	HOLDER	EOT/EOT-250/POT
	MATERIAL	Corrugated, Foam Board, Folding Carton, Magnetic Foil, Rubber, etc.
	NOTES	Fine, robust blade; designed to cut intricate detail.
W/70022	OUT LENOTH	22
XZ0023	CUT LENGTH	22mm
	REPLACES	Z23
XZ 0023	HOLDER	EOT/EOT-250/POT
	MATERIAL	Corrugated, Foam Board, Foam, Folding Carton, Rubber, etc.
	NOTES	Fine, long blade; designed to cut small radii and intricate detail
XZ0028	CUT LENGTH	26mm
	REPLACES	Z28
	HOLDER	EOT/EOT-250/POT
Х20028	MATERIAL	Corrugated Cardboard, Foamboard, Foam, Insulation mat.
	NOTES	Long oscillating blade for soft, thick materials
XZ0029	CUT LENGTH	31mm
	REPLACES	Z29
x20029	HOLDER	EOT/POT
X20029	MATERIAL	Corrugated Cardboard, Foamboard, Foam, Insulation mat.
	NOTES	Long oscillating blade for soft, thick materials
	110110	Dong obeliating blade for son, times materials



CUT LENGTH	16.5mm
REPLACES	Z60
HOLDER	EOT-250/POT
MATERIAL	Corrugated, sandwich board, felt, foamboard, rubber, leather hide
NOTES	Similar to XZ0021, but made for tougher materials

### DRAG AND OSCILLATING BLADE-POINTED



CUT LENGTH	7.4mm
REPLACES	Z16
HOLDER	EOT/EOT-250/POT/SCT/UCT
MATERIAL	Canvas, vinyls, carton, magnetic foil, banner, paper, polyester, etc.
NOTES	Blade for soft materials; universal robust oscillating blade.



CUT LENGTH	12mm
REPLACES	Z17
HOLDER	EOT/EOT-250/POT/SCT/UCT
MATERIAL	Canvas, vinyls, carton, magnetic foil, banner, paper, polyester, etc.
NOTES	For cutting thin material; same as XZ0016 except smaller overcut

### **OSCILLATING BLADE-FLAT**



CUT LENGTH	8.7mm
REPLACES	Z26
HOLDER	EOT/EOT-250/POT
MATERIAL	Aramid fibre, carbon fibre, corrugated, rubber, fabric, leather, etc.
NOTES	Simple, robust oscillating blade



CUT LENGTH	11.3mm
REPLACES	Z41
HOLDER	EOT/EOT-250/POT
MATERIAL	Aramid & carbon fibre, corrugated, foam board, fabric, leather, etc.
NOTES	Oscillating blade with small pre-cut



CUT LENGTH	7.8mm
REPLACES	Z42
HOLDER	EOT/EOT-250/POT
MATERIAL	Aramid fibre, carbon fibre, corrugated, felt, fabric, leather, etc.
NOTES	Robust oscillating blade with small pre-cut; similar to XZ0026.



CUT LENGTH	7.8mm
REPLACES	Z43
HOLDER	EOT/EOT-250/POT
MATERIAL	Leather, fabric, corrugated cardboard
NOTES	Similar to XZ0042, but with smaller pre-cut & larger post-cut.

### DRAG BLADE FLAT-STOCK



CUT LENGTH	4.8mm
REPLACES	Z10
HOLDER	SCT/UCT
MATERIAL	Canvas, corrugated, hardfoam, vinyls, carton, banner, paper, etc.
NOTES	Double-edged blade; similar to XZ0011 but with larger overcut



CUT LENGTH	6.9mm
REPLACES	Z11
HOLDER	SCT/UCT
MATERIAL	Canvas, corrugated, hardfoam, vinyls, carton, banner, paper, etc.
NOTES	Universal blade; similar to XZ0010 but with a smaller overcut



CUT LENGTH	6.9mm
REPLACES	Z13
HOLDER	SCT/UCT
MATERIAL	Canvas, corrugated, hardfoam, vinyls, carton, banner, paper, etc.
NOTES	Same as XZ0011 except double sided



CUT LENGTH	14mm
REPLACES	Z44
HOLDER	SCT/UCT
MATERIAL	Carpet, Tarpaulin
NOTES	For less tough, fibrous materials



CUT LENGTH	20mm
REPLACES	Z46
HOLDER	SCT/UCT
MATERIAL	Corrugated, foam board, foam, banner, polyester fabric, etc.
NOTES	For light, soft materials; low drag force but has large overcut

### **DRAG BLADE ROUND-STOCK**



CUT LENGTH	1mm
REPLACES	Z1
HOLDER	C2/C2P/KCM-S/KCT
MATERIAL	Vinyls, magnetic foil, masking film, polycarb, cardstock
NOTES	For cutting any standard self-adhesive vinyls

### V-CUT BLADE

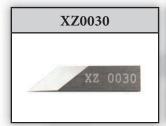


CUT LENGTH	10/15.6mm
REPLACES	Z70
HOLDER	T75
MATERIAL	Corrugated, sandwich board, foam board/foam, carpet
NOTES	Blade for a 45°cut



CUT LENGTH	16/18.4mm
REPLACES	Z71
HOLDER	VCT
MATERIAL	Corrugated, sandwich board, foamboard/foam, carpet
NOTES	Stable, long-life carbide blade

### PASSEPARTOUT/MAT CUTTING BLADE



CUT LENGTH	2mm
REPLACES	Z30
HOLDER	PPT
MATERIAL	Matboard
NOTES	For cutting straight lines & sharp corners from the back of matboard



CUT LENGTH	2mm	
REPLACES	Z31	
HOLDER	PPT	
MATERIAL	Matboard	
NOTES	For cutting straight lines from the back of matboard, radii from front	



CUT LENGTH	5mm		
REPLACES	Z33		
HOLDER	PPT		
MATERIAL	Matboard		
NOTES	For cutting straight lines & sharp corners from the back of matboard		



CUT LENGTH	5mm	
REPLACES	Z35	
HOLDER	PPT	
MATERIAL	Matboard	
NOTES	For cutting straight lines & sharp corners from the front of matboard	

### **ROTARY BLADE**



CUT LENGTH	3.5mm	
REPLACES	Z50	
HOLDER	DRT/PRT	
MATERIAL	Aramid fibre, carbon fibre, fabric, felt, leather, nylon fabric, paper, etc.	
NOTES	10-sided blade; smaller overcut & greater cutting force than XZ0051	



CUT LENGTH	5mm	
REPLACES	Z51	
HOLDER	DRT/PRT	
MATERIAL	Aramid fibre, carbon fibre, fabric, felt, leather, nylon fabric, etc.	
NOTES	10-sided blade	



CUT LENGTH	2mm		
REPLACES	Z53		
HOLDER	DRT/PRT		
MATERIAL	Aramid fibre, fabric, glass fibre		
NOTES	Driven round-knife for cutting of single-layer textiles		

# **MULTICAM KNIFE BLADES**

### **OSCILLATING KNIFE BLADES**

3.5mm
K1
OSCILLATE/KH6
Flock textile foils, felt, cardboard
Wedge blade
6mm
K2
OSCILLATE/KH6
Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubber
Tip at center of rotation
10mm
10111111
$V_A$
OSCILLATE/VH6
OSCILLATE/KH6
OSCILLATE/KH6 Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubber
OSCILLATE/KH6
OSCILLATE/KH6 Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubber
OSCILLATE/KH6 Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubber Tip at center of rotation
OSCILLATE/KH6 Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubber Tip at center of rotation  12mm
OSCILLATE/KH6 Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubber Tip at center of rotation  12mm NO EQUIVALENT



CUT LENGTH	15mm		
REPLACES	K6		
HOLDER	OSCILLATE/KH6		
MATERIAL	Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubber		
NOTES	Tip at center of rotation		



CUT LENGTH	20mm	
REPLACES	K8	
HOLDER	OSCILLATE/KH6	
MATERIAL	Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubber	
NOTES	Tip at center of rotation	

# **MULTICAM KNIFE BLADES**

XK3020-OFP	CUT LENGTH	20mm
	REPLACES	K90
	HOLDER	OSCILLATE/KH6
	MATERIAL	Corrugated Boards, Plastic Soft, Foams Soft, etc.
	NOTES	Flat tip; cuts loose foams & fabrics better but less intricate cuts
XK3020-OCP	CUT LENGTH	20mm
	REPLACES	NO EQUIVALENT
	HOLDER	OSCILLATE/KH6
	MATERIAL	Rubber, foam
	NOTES	Best choice for cutting foam rubbers
XESR6303	CUT LENGTH	20mm
	REPLACES	003612-MC6303
	HOLDER	OSCILLATE/KH6
	MATERIAL	Foamboard, Ejection rubber (for dies), expanded polystyrene
	NOTES	Great choice for 15mm & 20mm foamboard
XESR6375	CUT LENGTH	25mm
	REPLACES	NO EQUIVALENT
	HOLDER	OSCILLATE/KH6
	MATERIAL	Foamboard, Ejection rubber (for dies), expanded polystyrene
	NOTES	Great choice for die ejection rubber
XK3025-ORP	CUT LENGTH	25mm
	REPLACES	K10
	HOLDER	OSCILLATE/KH6
	MATERIAL	Corrugated, sandwich board, foamboard/foam, carpet
	NOTES	Stable, long-life carbide blade
WWAGAC ORD	OLIE LENGTH	20
XK3030-ORP	CUT LENGTH	30mm
	REPLACES	K12
	HOLDER	OSCILLATE/KH6
	MATERIAL	Corrugated, sandwich board, foamboard/foam, carpet

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Stable, long-life carbide blade

NOTES

XK3035-OFP	CUT LENGTH	35mm
	REPLACES	K96
	HOLDER	OSCILLATE/KH6
	MATERIAL	Rubber backed carpet, corrugated plastic, foams, honeycomb etc.
	NOTES	Stable, long-life carbide blade
XK3040-OFP	CUT LENGTH	40mm
	REPLACES	K98
	HOLDER	OSCILLATE/KH6
	MATERIAL	Rubber backed carpet, corrugated plastic, foams, honeycomb, etc.
	NOTES	Stable, long-life carbide blade
XK3050-ORP	CUT LENGTH	50mm
	REPLACES	K13
	HOLDER	OSCILLATE
	MATERIAL	Foams, soft rubber
	NOTES	Stable, long-life carbide blade
		Allega, - Anna -
XK3065-ORP	CUT LENGTH	65mm
	REPLACES	K14
	HOLDER	OSCILLATE
	MATERIAL	Foams, soft rubber
	NOTES	Blade for thick, soft materials
XK3070-ORP	CUT LENGTH	70mm
	REPLACES	K77
	HOLDER	OSCILLATE
	MATERIAL	Foams, soft rubber, etc.
	NOTES	Blade for thick, soft materials

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XESR6831	CUT LENGTH	80mm
	REPLACES	K104
	HOLDER	FOAM HEAD
	MATERIAL	Expanded polystyrene, protective foam, etc.
	NOTES	2.5° cutting angle enables very fine detail cutting
XK3090-ORP	CUT LENGTH	90mm
	REPLACES	K79
	HOLDER	OSCILLATE
	MATERIAL	Foams, soft rubber
	NOTES	Blade for thick, soft materials
1000	Late 1	
XK3090-OFP	CUT LENGTH	90mm
	REPLACES	K104
_	HOLDER	OSCILLATE
	MATERIAL	Foams
	NOTES	Flat tip for higher speeds but less inticate cuts
WW2110 ODD	CHE I ENGELL	110
XK3110-ORP	CUT LENGTH	110mm
	REPLACES	NO EQUIVALENT
	HOLDER	OSCILLATE
	MATERIAL	Foams, soft rubber
	NOTES	Blade for thick, soft materials
XK3110-OFP	CUT LENGTH	110mm
	REPLACES	K106
	HOLDER	OSCILLATE
	MATERIAL	Foams, soft rubber
	NOTES	Flat tip for higher speed but less intricate cuts
XK3120-OFP	CUT LENGTH	
	REPLACES	K108
	HOLDER	OSCILLATE
	MATERIAL	Foams, soft rubber
	NOTES	Flat tip for higher speed but less intricate cuts
	HOTES	That tip for inglier speed but less intricate cuts

XK3025D-O	CUT LENGTH	25mm
	REPLACES	K92
	HOLDER	OSCILLATE
	MATERIAL	Corrugated, sandwich board, foamboard/foam, carpet
	NOTES	Stable, long-life carbide blade
XK3040D-O	CUT LENGTH	40mm
	REPLACES	84-00193-BT-56240
	HOLDER	OSCILLATE
	MATERIAL	Corrugated, sandwich board, foamboard/foam, carpet
	NOTES	Stable, long-life carbide blade
	1	
XK3055D-O	CUT LENGTH	55mm
	REPLACES	K114
	HOLDER	OSCILLATE
	MATERIAL	Cardboard, corrugated plastic, etc.
	NOTES	Stable, long-life carbide blade
XK3060D-O	CUT LENGTH	60mm
1111300012	REPLACES	NO EQUIVALENT
	HOLDER	OSCILLATE
	MATERIAL	Corrugated, sandwich board, foamboard/foam, carpet
	NOTES	Stable, long-life carbide blade
	TOTES	otable, long me carbide blade
XK3065D-O	CUT LENGTH	65mm
	REPLACES	K116
	HOLDER	OSCILLATE
	MATERIAL	Corrugated, sandwich board, foamboard/foam, carpet
	NOTES	Stable, long-life carbide blade
XK3070D-O	CUT LENGTH	70mm
	REPLACES	K118
	HOLDER	OSCILLATE
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	MATERIAL	Corrugated, sandwich board, foamboard/foam, carpet



CUT LENGTH	32mm
REPLACES	NO EQUIVALENT
HOLDER	OSCILLATE
MATERIAL	Honeycomb, fluted cardboard, tough paper materials, etc.
NOTES	Serrated knife design for less friction while cutting



CUT LENGTH	55mm
REPLACES	NO EQUIVALENT
HOLDER	OSCILLATE
MATERIAL	Honeycomb, fluted cardboard, tough paper materials, etc.
NOTES	Serrated knife design for less friction while cutting

#### **DRAG KNIFE BLADES**



CUT LENGTH	4.8mm
REPLACES	K22
HOLDER	KH3
MATERIAL	Folding carton, plastics, foil, PVC, textile fabrics
NOTES	Similar to XK4060-D except with 50 ° angle blade



CUT LENGTH	6.9mm	
REPLACES	K24	
HOLDER	KH3	
MATERIAL	Folding carton, plastics, foil, PVC, textile fabrics	
NOTES	Similar to XK4050-D except with 60 ° angle blade	



CUT LENGTH	17.2mm
REPLACES	K66
HOLDER	KH2
MATERIAL	Corrugated, Foam Board, Folding Carton, Magnetic Foil, Rubber, etc.
NOTES	Fine blade with low overcut; designed to cut intricate detail



CUT LENGTH	14mm
REPLACES	K68
HOLDER	KH2
MATERIAL	Corrugated, Foam Board, Folding Carton, Magnetic Foil, Rubber, etc.
NOTES	Fine, robust blade; designed to cut intricate detail.

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	XZ0044
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CUT LENGTH	14mm	
REPLACES	003612-MC44	
HOLDER	KH3	
MATERIAL	Film, tarpaulin, canvas and carpet	
NOTES	Double-sided blade for less tough, fibrous materials	



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CUT LENGTH	20mm
REPLACES	K20
HOLDER	KH4
MATERIAL	PVC, Corrugated plastic, Foam board/Foam, PVC Banner, etc.
NOTES	For light, soft materials; exerts little drag force but larger overcut



CUT LENGTH	5.5mm
REPLACES	K16
HOLDER	KH1
MATERIAL	General purpose, banner, cardstock, corrugated, styrene, etc.
NOTES	55 ° cut angle



CUT LENGTH	16.5mm	
REPLACES	K26	
HOLDER	KH4	
MATERIAL	Corrugated, sandwich board, felt, foamboard, rubber, leather hide	
NOTES	Similar to XZ0021, but made for tougher materials	



CUT LENGTH	27mm
REPLACES	K70
HOLDER	KH1
MATERIAL	Corrugated, sandwich board, foamboard/foam, carpet
NOTES	Stable, long-life carbide blade



CUT LENGTH	4.8mm
REPLACES	K23
HOLDER	KH3
MATERIAL	Soft plastics, polypropylene, PVC, banner, folding carton, etc.
NOTES	Straight back blade for operations requiring no overcut 50 ° angle



CUT LENGTH	6.9mm	
REPLACES	K25	
HOLDER	KH3	
MATERIAL	Film tarpaulin, polypropylene, PVC, vinyl banner, folding carton, etc.	
NOTES	Straight back blade for operations requiring no overcut	

#### **DRIVEN ROTARY TOOL BLADES**



CUT LENGTH	3.5mm	
REPLACES	003612-MC50-ROTARY	
HOLDER	DRT	
MATERIAL	Aramid fibre, carbon fibre, fabric, felt, leather, nylon, paper, etc.	
NOTES	25mm, 10-sided blade; smaller overcut/greater cut force than XZ0051	



CUT LENGTH	5mm
REPLACES	003612-MC51-ROTARY
HOLDER	DRT
MATERIAL	Aramid fibre, carbon fibre, fabric, felt, leather, nylon fabric, etc.
NOTES	28mm round 10-sided blade

#### **ROTARY BLADES**



CUT LENGTH	2mm cut edge, 6mm max cut depth	
REPLACES	NO EQUIVALENT	
HOLDER	KH13	
MATERIAL	Fabrics, textiles	
NOTES	25mm General purpose blade for thin, open-cell materials	



CUT LENGTH	2mm cut edge, 16mm max cut depth	
REPLACES	K46	
HOLDER	KH13	
MATERIAL	Fabrics, textiles	
NOTES	45mm General purpose blade for thin, open-cell materials	

#### **V-CUT BLADES**



CUT LENGTH	11.8/18.4mm
REPLACES	K71
HOLDER	KH20
MATERIAL	Corrugated honeycomb, cardboard, foamboard, Falconboard
NOTES	Use for 0 $^{\circ}$ , 15 $^{\circ}$ , 30 $^{\circ}$ , or 45 $^{\circ}$ cutting



CUT LENGTH	11.8/18.4mm	
REPLACES	K71 (except 36mm OAL instead of 50mm)	
HOLDER	KH20	
MATERIAL	Corrugated honeycomb, cardboard, foamboard, Falconboard	
NOTES	Use for 0°, 15°, 30°, or 45° cutting	

#### SINGLE EDGE ROUND 6MM SHAFT OSCILLATING BLADES

XEDR6160	CUT LENGTH	5mm
TLD ROTO	REPLACES	BLD-DR6160
	HOLDER	MP HF/LONG STROKE/VIBRACUT
	MATERIAL	For thinner flexible or rigid materials like solid carton, vinyl, etc.
	NOTES	0 lag
	NOTES	U lag
XESR6223	CUT LENGTH	12mm
	REPLACES	BLD-SR6223
	HOLDER	MP HF/LONG STROKE/VIBRACUT
	MATERIAL	Most types of corrugated board
	NOTES	Long life tungsten carbide blade
WEOD COO.		10
XESR6224	CUT LENGTH	12mm
	REPLACES	BLD-SR6224
	HOLDER	MP HF/LONG STROKE/VIBRACUT
	MATERIAL	Corrugated cardboard, corrugated plastic, Foam PVC, etc.
	NOTES	Best choice for corrugated board with recylced content
XESR6310	CUT LENGTH	20mm
XESR6310	CUT LENGTH REPLACES	20mm BLD-SR6310
XESR6310	REPLACES	BLD-SR6310
XESR6310	REPLACES HOLDER	BLD-SR6310 MP HF/LONG STROKE/VIBRACUT
XESR6310	REPLACES HOLDER MATERIAL	BLD-SR6310  MP HF/LONG STROKE/VIBRACUT  Rubber backed carpet, corrugated, EPS, PUR, PVC, Honeycomb, etc.
XESR6310	REPLACES HOLDER	BLD-SR6310 MP HF/LONG STROKE/VIBRACUT
XESR6310  XESR6303	REPLACES HOLDER MATERIAL	BLD-SR6310  MP HF/LONG STROKE/VIBRACUT  Rubber backed carpet, corrugated, EPS, PUR, PVC, Honeycomb, etc.
	REPLACES HOLDER MATERIAL NOTES	BLD-SR6310  MP HF/LONG STROKE/VIBRACUT  Rubber backed carpet, corrugated, EPS, PUR, PVC, Honeycomb, etc.  Long life tungsten carbide serrated blade
	REPLACES HOLDER MATERIAL NOTES  CUT LENGTH	BLD-SR6310  MP HF/LONG STROKE/VIBRACUT  Rubber backed carpet, corrugated, EPS, PUR, PVC, Honeycomb, etc.  Long life tungsten carbide serrated blade  20mm
	REPLACES HOLDER MATERIAL NOTES  CUT LENGTH REPLACES	BLD-SR6310  MP HF/LONG STROKE/VIBRACUT  Rubber backed carpet, corrugated, EPS, PUR, PVC, Honeycomb, etc.  Long life tungsten carbide serrated blade  20mm  BLD-SR6303
	REPLACES HOLDER MATERIAL NOTES  CUT LENGTH REPLACES HOLDER	BLD-SR6310  MP HF/LONG STROKE/VIBRACUT Rubber backed carpet, corrugated, EPS, PUR, PVC, Honeycomb, etc. Long life tungsten carbide serrated blade  20mm  BLD-SR6303  MP HF/LONG STROKE/VIBRACUT
XESR6303	REPLACES HOLDER MATERIAL NOTES  CUT LENGTH REPLACES HOLDER MATERIAL NOTES	BLD-SR6310  MP HF/LONG STROKE/VIBRACUT  Rubber backed carpet, corrugated, EPS, PUR, PVC, Honeycomb, etc.  Long life tungsten carbide serrated blade  20mm  BLD-SR6303  MP HF/LONG STROKE/VIBRACUT  Foam board, other sandwich materials and rubber  Good blade for 15mm & 20mm foamboard
	REPLACES HOLDER MATERIAL NOTES  CUT LENGTH REPLACES HOLDER MATERIAL NOTES  CUT LENGTH	BLD-SR6310  MP HF/LONG STROKE/VIBRACUT Rubber backed carpet, corrugated, EPS, PUR, PVC, Honeycomb, etc.  Long life tungsten carbide serrated blade  20mm  BLD-SR6303  MP HF/LONG STROKE/VIBRACUT  Foam board, other sandwich materials and rubber  Good blade for 15mm & 20mm foamboard
XESR6303	REPLACES HOLDER MATERIAL NOTES  CUT LENGTH REPLACES HOLDER MATERIAL NOTES  CUT LENGTH REPLACES	BLD-SR6310 MP HF/LONG STROKE/VIBRACUT Rubber backed carpet, corrugated, EPS, PUR, PVC, Honeycomb, etc. Long life tungsten carbide serrated blade  20mm BLD-SR6303 MP HF/LONG STROKE/VIBRACUT Foam board, other sandwich materials and rubber Good blade for 15mm & 20mm foamboard  25mm BLD-SR6375
XESR6303	REPLACES HOLDER MATERIAL NOTES  CUT LENGTH REPLACES HOLDER MATERIAL NOTES  CUT LENGTH REPLACES HOLDER	BLD-SR6310  MP HF/LONG STROKE/VIBRACUT Rubber backed carpet, corrugated, EPS, PUR, PVC, Honeycomb, etc.  Long life tungsten carbide serrated blade  20mm BLD-SR6303  MP HF/LONG STROKE/VIBRACUT Foam board, other sandwich materials and rubber Good blade for 15mm & 20mm foamboard  25mm BLD-SR6375  MP HF/LONG STROKE/VIBRACUT
XESR6303	REPLACES HOLDER MATERIAL NOTES  CUT LENGTH REPLACES HOLDER MATERIAL NOTES  CUT LENGTH REPLACES	BLD-SR6310 MP HF/LONG STROKE/VIBRACUT Rubber backed carpet, corrugated, EPS, PUR, PVC, Honeycomb, etc. Long life tungsten carbide serrated blade  20mm BLD-SR6303 MP HF/LONG STROKE/VIBRACUT Foam board, other sandwich materials and rubber Good blade for 15mm & 20mm foamboard  25mm BLD-SR6375

XESR6831	CUT LENGTH	80mm
	REPLACES	BLD-SR6831
	HOLDER	FOAM HEAD
	MATERIAL	Expanded polystyrene, protective foam, etc.
	NOTES	2.5° cutting angle enables very fine detail cutting

#### SINGLE-DOUBLE EDGE ROUND 6MM STATIC CUTTING BLADES

XESR6150	CUT LENGTH	5mm	
	REPLACES	BLD-SR6150	
	HOLDER	HI-FORCE/VARICUT/STATIC KNIFE/ PSALIGRAPHY	
	MATERIAL	Vinyl, flexible plastic, foam board, folding carton, magnetic foil, etc.	
	NOTES	Sharp point, Single edge 30°	
XESR6152	XESR6152 CUT LENGTH 5mm	5mm	
		BLD-SR6152	
		HI-FORCE/VARICUT/STATIC KNIFE/ PSALIGRAPHY	
		Vinyl, flexible plastic, foam board, folding carton, magnetic foil, etc.	
	NOTES	Sharp point, Single edge 40°	

#### SINGLE EDGE ROUND 6MM SHAFT SERRATED BLADES

XESR6352	CUT LENGTH	32mm	
	REPLACES BLD-S	BLD-SR6352	
***************************************	HOLDER	FOAM KNIFE/FOAM HEAD/FOAM UNIT	
	MATERIAL	Honeycomb, fluted cardboard, tough paper materials, etc.	
	NOTES	Serrated blade to create less friction & get less hot while cutting	
XKEC0060	CUT LENGTH	55mm	
XKEC0060	CUT LENGTH REPLACES	55mm BLD-SR6551	
		11	
XKEC0060	REPLACES	BLD-SR6551	

#### **8MM SHAFT BLADES**

XEDR8160

CUT LENGTH	6mm
REPLACES	BLD-DR8160
HOLDER	RM/ HD / DUAL HD UNIT
MATERIAL	Rigid materials like gasket materials, Forex, and solid carton board
NOTES	0 lag blade



CUT LENGTH	5mm
REPLACES	BLD-DR8180
HOLDER	RM/ HD / DUAL HD UNIT
MATERIAL	Rigid materials like gasket materials, Forex, and solid carton board
NOTES	Similar to XEDR8160, but blunter angle for tough materials; 0 lag



CUT LENGTH	6.5mm
REPLACES	BLD-SR8170
HOLDER	HD / DUAL HD UNIT
MATERIAL	Thinner, flexible materials such as folding carton, polyester film etc.
NOTES	0 lag



CUT LENGTH	4.5mm
REPLACES	BLD-SR8172
HOLDER	HD / DUAL HD UNIT
MATERIAL	Thinner, flexible materials such as folding carton, polyester film etc.
NOTES	0 lag

#### SINGLE EDGE FLAT BLADES



CUT LENGTH	7.4mm
REPLACES	BLD-SF216
HOLDER	MP HF/STATIC KNIFE SE/VIBRACUT/HI-FORCE/STATIC KNIFE
MATERIAL	Paper, vinyl, etc.
NOTES	Single edge blade for soft, flexible materials



CUT LENGTH	12mm
REPLACES	BLD-SF217
HOLDER	MP HF/STATIC KNIFE SE/VIBRACUT/HI-FORCE/STATIC KNIFE
MATERIAL	Paper, vinyl, etc.
NOTES	Single edge blade for soft flexible materials

XZ0020	CUT LENGTH	14.3mm
	REPLACES	BLD-SF420
xz 0020	HOLDER	MP HF/VIBRACUT/HI-FORCE
	MATERIAL	Rubber/similar materials
	NOTES	For high performance and long life
XZ0021	CUT LENGTH	17 2
XZ0021		17,2mm
	REPLACES	BLD-SF421
XZ 0021	HOLDER	MP HF/VIBRACUT/HI-FORCE
	MATERIAL	Corrugated stock, foam board, etc.
	NOTES	5 °/25 ° cut angle
XZ0022	CUT LENGTH	14mm
	REPLACES	BLD-SF422
XZ 0022	HOLDER	MP HF/VIBRACUT/HI-FORCE
The state of the s	MATERIAL	Corrugated stock, foam board, etc.
	NOTES	10 °/25 ° cut angle
XZ0023	CUT LENGTH	22mm
	REPLACES	NO EQUIVALENT
XZ 0023	HOLDER	MP HF
	MATERIAL	Corrugated stock, foamboard, rubber
	NOTES	4 °/45 ° cut angle
XZ0026	CUT LENGTH	6mm
	REPLACES	BLD-SF426
XZ 0026	HOLDER	MP HF
XZ 0020	MATERIAL	Card stock, rubber, etc.
	NOTES	Single edge flat tip design with 10 °/25 ° cut angle
W/ICCCC	OLUT LENIOTES	26
XZ0028	CUT LENGTH	26mm
	REPLACES	BLD-SF428
X20028	HOLDER	MP HF
	MATERIAL	Soft materials like rubber, foam board, etc.
	NOTES	3.5 °/45 ° cut angle

XZ0029
x20029

CUT LENGTH	31mm
REPLACES	BLD-SF429
HOLDER	MP HF
MATERIAL	Soft materials like rubber, foam board, etc.
NOTES	Similar to XZ0028 except longer cut length



CUT LENGTH	3.7mm
REPLACES	BLD-SF230
HOLDER	VIBRACUT/HI-FORCE/STATIC VARICUT
MATERIAL	Soft materials like rubber, foam board, etc.
NOTES	Mat cutting, frame cutting, passepartout, etc.



CUT LENGTH	5mm
REPLACES	BLD-SF233
HOLDER	STATIC SE/VIBRACUT/STATIC VARICUT
MATERIAL	Thin materials like folding carton, paper, and vinyl
NOTES	Mat cutting, frame cutting, passepartout w/small radius



CUT LENGTH	20mm
REPLACES	BLD-SF346
HOLDER	STATIC KNIFE DE
MATERIAL	Foamcore board materials
NOTES	Soft and rigid foam blade; same as XZ004620 but longer overall



CUT LENGTH	20mm
REPLACES	BLD-SF246
HOLDER	STATIC KNIFE DE
MATERIAL	Foamcore board materials
NOTES	Soft and rigid foam blade



CUT LENGTH	5.5mm
REPLACES	BLD-SF216
HOLDER	MP HF/STATIC KNIFE SE/VIBRACUT/HI-FORCE/STATIC KNIFE
MATERIAL	Thin materials like folding carton, paper, and vinyl
NOTES	Single-edge blade for soft, flexible materials

#### **DOUBLE-EDGE FLAT & ROTA CUT BLADES**



CUT LENGTH	5mm
REPLACES	BLD-DF112
HOLDER	HI-FORCE/STATIC KNIFE/VARICUT
MATERIAL	Paper, cardboard, vinyl, thin plastics, styrene
NOTES	Sword knife blade for flexible materials



CUT LENGTH	6.9mm
REPLACES	BLD-DF113
HOLDER	HI-FORCE/STATIC KNIFE/VARICUT
MATERIAL	Paper, cardboard, vinyl, thin plastics, styrene
NOTES	Sword knife blade for flexible materials



CUT LENGTH	6.9mm
REPLACES	BLD-DF213
HOLDER	STATIC KNIFE DOUBLE/HEAVY DUTY INSERT POWERHEAD
MATERIAL	Paper, cardboard, vinyl, thin plastics, styrene
NOTES	Same as XK4060-D except longer and double sided



CUT LENGTH	3.5mm
REPLACES	BLD-RC110
HOLDER	ROTACUT TOOL
MATERIAL	Textiles
NOTES	Decagonal knife blade with a 25mm diameter

#### SPECIAL PURPOSE HEAVY-DUTY FLAT BLADES



CUT LENGTH	16mm
REPLACES	BLD-DF570
HOLDER	FOAM KNIFE/FOAM HEAD/FOAM UNIT
MATERIAL	Fluted core boards, triple wall corrugated, etc.
NOTES	Special made arrow shaped V-notch blade

#### KISS CUT BLADES



CUT LENGTH	1mm
REPLACES	BLD-KC101
HOLDER	PRESSCUT TOOL/KISSCUT TOOL
MATERIAL	Adhesive vinyl
NOTES	General use kiss-cutting blade for standard thickness adhesive foils

#### OSCILLATING KNIFE BLADES

OSCILLATING KNIFI	E BLADES	
XK3006-ORP	CUT LENGTH	6mm
	REPLACES	BT-57275
OH 010101-922	HOLDER	OSCILLATING
	MATERIAL	Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubber
	NOTES	Tip at center of rotation
	Particular State of the State o	
XK3010-ORP	CUT LENGTH	10mm
	REPLACES	BT-57267
	HOLDER	OSCILLATING
	MATERIAL	Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubber
	NOTES	Tip at center of rotation
		Additional Control of the Control of
XK3015-ORP	CUT LENGTH	15mm
	REPLACES	BT-57265
	HOLDER	OSCILLATING
	MATERIAL	Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubber
	NOTES	Tip at center of rotation
XK3020-0RP	CUT LENGTH	20mm
AK3020-UKP	REPLACES	
		BT-57269
	HOLDER MATERIAL	OSCILLATING  Commented Decade Plantic Seft Forms Seft Felding Contage Publications
	NOTES	Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubber
	NOTES	Tip at center of rotation
XK3020-OFP	CUT LENGTH	20mm
	REPLACES	BT-57220
	HOLDER	OSCILLATING
	MATERIAL	Corrugated Boards, Plastic Soft, Foams Soft, etc.
	NOTES	Flat tip cuts loose foams & fabrics better but less intricate cuts
VV2020 OCD	CUT I ENGTH	20
XK3020-OCP	CUT LENGTH	20mm
	REPLACES	NO EQUIVALENT
	HOLDER	OSCILLATING
	MATERIAL	Rubber, foam

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Best choice for cutting foam rubbers

**NOTES** 

100000000000000000000000000000000000000		
XESR6303	CUT LENGTH	20mm
	REPLACES	NO EQUIVALENT
	HOLDER	OSCILLATING
	MATERIAL	Foamboard, Ejection rubber (for dies), expanded polystyrene
	NOTES	Great choice for 15mm & 20mm foamboard
XK3025-ORP	CUT LENGTH	25mm
	REPLACES	BT-57268
	HOLDER	OSCILLATING
	MATERIAL	Corrugated, sandwich board, foamboard/foam, carpet
	NOTES	Stable, long-life carbide blade
VIVADAG ODD	CHELENCET	20
XK3030-ORP	CUT LENGTH	30mm
	REPLACES	BT-57268-30
	HOLDER	OSCILLATING
	MATERIAL	Corrugated, sandwich board, foamboard/foam, carpet
	NOTES	Stable, long-life carbide blade
XK3035-OFP	CUT LENGTH	35mm
1110000 011	REPLACES	BT-57235
	HOLDER	OSCILLATING
	MATERIAL	Rubber backed carpet, corrugated plastic, foams, honeycomb etc.
	NOTES	Stable, long-life carbide blade
XK3040-OFP	CUT LENGTH	40mm
	REPLACES	BT-57240
	HOLDER	OSCILLATING
	MATERIAL	Rubber backed carpet, corrugated plastic, foams, honeycomb, etc.
	NOTES	Stable, long-life carbide blade
XK3050-ORP	CUT LENGTH	50mm
	REPLACES	BT-572050
	HOLDER	OSCILLATING
	MATERIAL	Foams, soft rubber
	NOTES	Stable, long-life carbide blade

XK3070-ORP	CUT LENGTH	70mm
	REPLACES	BT-57270
	HOLDER	OSCILLATING
	MATERIAL	Foams, soft rubber
	NOTES	Blade for thick, soft materials
XK3090-ORP	CUT LENGTH	90mm
	REPLACES	BT-57290
	HOLDER	OSCILLATING
	MATERIAL	Foams, soft rubber
	NOTES	Blade for thick, soft materials
XK3110-ORP	CUT LENGTH	110mm
	REPLACES	NO EQUIVALENT
	HOLDER	OSCILLATING
13,400	MATERIAL	Foams, soft rubber
	NOTES	Blade for thick, soft materials
XK3110-OFP	CUT LENGTH	110mm
	REPLACES	BT-572110
	HOLDER	OSCILLATING
	MATERIAL	Foams, soft rubber
	NOTES	Flat tip for higher speed, but less intricate cuts
XEDR6160	CUT LENGTH	5mm
	REPLACES	BT-71003
	HOLDER	OSCILLATING
	MATERIAL	For thinner flexible or rigid materials like solid carton, vinyl, etc.
	NOTES	0 lag
WW. A. C. D. C.	OVER VENTORES	40
XK3040D-O	CUT LENGTH	40mm
	REPLACES	BT-1031L-40
	HOLDER	OSCILLATING
	MATERIAL	Corrugated, sandwich board, foamboard/foam, carpet
	NOTES	Stable, long-life carbide blade

XK3055D	-O

CUT LENGTH	55mm
REPLACES	NO EQUIVALENT
HOLDER	OSCILLATING
MATERIAL	Corrugated, sandwich board, foamboard/foam, carpet
NOTES	Stable, long-life carbide blade



CUT LENGTH	32mm
REPLACES	NO EQUIVALENT
HOLDER	OSCILLATING
MATERIAL	Honeycomb, fluted cardboard, tough paper materials, etc.
NOTES	Serrated knife design for less friction while cutting



The state of the s	
CUT LENGTH	55mm
REPLACES	BT-71060
HOLDER	OSCILLATING
MATERIAL	Honeycomb, fluted cardboard, tough paper materials, etc.
NOTES	Serrated knife design for less friction while cutting

#### TANGENGTIAL KNIFE BLADES



CUT LENGTH	4.8mm
REPLACES	NO EQUIVALENT
HOLDER	TANGENTIAL W/SABER BLADE HOLDER
MATERIAL	General purpose for flexible materials like cardboard, & styrene
NOTES	Similar to XZ0013, except larger overcut/longer life and only 1-sided



CUT LENGTH	6.9mm
REPLACES	26082
HOLDER	TANGENTIAL W/SABER BLADE HOLDER
MATERIAL	General purpose for flexible materials like cardboard, vinyl, & styrene
NOTES	60 ° Double edge blade



CUT LENGTH	6.9mm
REPLACES	BT-1051L-7
HOLDER	TANGENTIAL W/SABER BLADE HOLDER
MATERIAL	Folding carton, plastics, foil, PVC, textile fabrics
NOTES	Similar to XK4050-D except with 60 ° angle blade

#### UNIVERSAL KNIFE BLADES

UNIVERSAL KNIFE	DLADES	
XKEC0030	CUT LENGTH	2.5mm
	REPLACES	E30
	HOLDER	TCM
	MATERIAL	Foils and fine text on thin materials
	NOTES	Wedge blade
XKEC0050	CUT LENGTH	3.5mm
	REPLACES	E50
	HOLDER	TCM
	MATERIAL	Flock textile foils, felt, cardboard
ž.	NOTES	Wedge blade
WW. C.	OVER A DIVORNA	
XKEC0070	CUT LENGTH	8mm
	REPLACES	E70
	HOLDER	TCM
	MATERIAL	Foils, felt, cardboard, rubber, and fine text on thin materials
	NOTES	Tip at center of rotation
XK3010-ORP	CUT LENGTH	10mm
	REPLACES	NO EQUIVALENT
	HOLDER	EOT, TCM
	MATERIAL	Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubber
	NOTES	Tip at center of rotation
CHARLA .		
XKEC0012	CUT LENGTH	12mm
	REPLACES	E12
	HOLDER	EOT, TCM
	MATERIAL	Cardboard, packing material, foam rubber, cork, etc.
	NOTES	Universal blade for various materials
WWE COOLS	OUT LENGTH	12.5
XKEC0018	CUT LENGTH	13.5mm
XKEC0018	REPLACES	E18
XKEC0018	REPLACES HOLDER	E18 EOT, TCM
XKEC0018	REPLACES	E18



CUT LENGTH	20mm
REPLACES	NO EQUIVALENT
HOLDER	EOT, TCM
MATERIAL	Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubber
NOTES	Universal blade for various materials



CUT LENGTH	25mm	
REPLACES	E25	
HOLDER	EOT, TCM	
MATERIAL	Cardboard, gasket material, foam rubber, cork, etc.	
NOTES	Universal blade for various materials; use for fine contour cutting	

#### **EOT KNIFE BLADES**



CUT LENGTH	20mm	
REPLACES	NO EQUIVALENT	
HOLDER	ЕОТ	
MATERIAL	Corrugated Boards, Plastic Soft, Foams Soft, etc.	
NOTES	Flat tip cuts loose foams & fabrics better, but less intricate cuts	



CUT LENGTH	20mm
REPLACES	NO EQUIVALENT
HOLDER	ЕОТ
MATERIAL	Rubber, foam
NOTES	Best choice for cutting foam rubbers



CUT LENGTH	30mm	
REPLACES	NO EQUIVALENT	
HOLDER	ЕОТ	
MATERIAL	Corrugated, sandwich board, foamboard/foam, carpet	
NOTES	Stable, long life carbide blade	



CUT LENGTH	35mm
REPLACES	NO EQUIVALENT
HOLDER	EOT
MATERIAL	Rubber backed carpet, corrugated plastic, foams, honeycomb etc.
NOTES	Stable, long life carbide blade

XK3040-OFP	CUT LENGTH	40mm
	REPLACES	NO EQUIVALENT
	HOLDER	EOT
	MATERIAL	Rubber backed carpet, corrugated plastic, foams, honeycomb etc.
	NOTES	Stable, long life carbide blade
XK3050-ORP	CUT LENGTH	50mm
	REPLACES	E85
	HOLDER	EOT
	MATERIAL	Foams, soft rubber
	NOTES	Stable, long life carbide blade
XK3070-ORP	CUT LENGTH	70mm
	REPLACES	E87
	HOLDER	EOT
	MATERIAL	Foams, soft rubbers, etc.
	NOTES	Blade for thick, soft materials
		The state of the s
XK3090-ORP	CUT LENGTH	90mm
	REPLACES	NO EQUIVALENT
	HOLDER	EOT
	MATERIAL	Cardboard, packing material, foam rubber, cork, etc.
	NOTES	Blade for thick, soft materials
XK3110-ORP	CUT LENGTH	110mm
AKSIII OKI	REPLACES	NO EQUIVALENT
	HOLDER	EOT
	MATERIAL	Cardboard, gasket material, foam rubber, cork, etc.
	NOTES	Blade for thick, soft materials
	NOTES	Diage for tines, soft materials
XK3110-OFP	CUT LENGTH	110mm
	REPLACES	NO EQUIVALENT
	HOLDER	EOT
	MATERIAL	Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubber
	NOTES	Flat tip for higher speed, but less intricate cuts

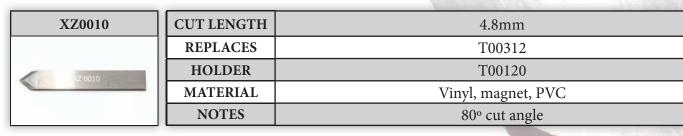
XK3025D-O	CUT LENGTH	25mm
	REPLACES	NO EQUIVALENT
	HOLDER	EOT
	MATERIAL	Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubbe
	NOTES	Stable, long life carbide blade
XK3040D-O	CUT LENGTH	40mm
	REPLACES	NO EQUIVALENT
	HOLDER	ЕОТ
	MATERIAL	Corrugated, sandwich board, foamboard/foam, carpet
	NOTES	Stable, long life carbide blade
***************************************	0.000	
XK3055D-O	CUT LENGTH	55mm
	REPLACES	NO EQUIVALENT
	HOLDER	EOT
	MATERIAL	Corrugated, sandwich board, foamboard/foam, carpet
	NOTES	Stable, long life carbide blade
XK3060D-O	CUT LENGTH	60mm
	REPLACES	NO EQUIVALENT
	HOLDER	EOT
	MATERIAL	Corrugated, sandwich board, foamboard/foam, carpet
	NOTES	Stable, long life carbide blade
XKEC0038	CUT LENGTH	38mm
	REPLACES	W38
	HOLDER	ЕОТ
-	MATERIAL	Honeycomb, fluted cardboard, tough paper materials, etc.
	NOTES	Serrated knife design for less friction while cutting
XKEC0060	CUT LENGTH	55mm
2222	REPLACES	W60
	HOLDER	EOT
	MATERIAL	Honeycomb, fluted cardboard, tough paper materials, etc.
	NOTES	Serrated knife design for less friction while cutting

## **COLEX KNIFE BLADES**

#### OSCILLATING BLADES

SCILLATING BLAD	ES	
XZ0020	CUT LENGTH	14.3mm
	REPLACES	T00420
XZ 0020	HOLDER	T00126
	MATERIAL	Corrugated stock, foam board, styrofoam
	NOTES	Stable, long life carbide blade
XZ0021	CUT LENGTH	
ALUUZI	REPLACES	T00421
	HOLDER	T00126
XZ 0021	MATERIAL	Corrugated stock, foam board, styrofoam
	NOTES	Same as XZ0020 except longer cut length
	110 120	ourie do 1120020 except fonger eut length
XZ0023	CUT LENGTH	22mm
	REPLACES	T00423
XZ 0023	HOLDER	T00126
	MATERIAL	Honeycomb board, falcon board, etc.
	NOTES	Best used for thick corrugated paper-based materials
XZ0028	CUT LENGTH	26mm
	REPLACES	T00425
X20028	HOLDER	T00126
XX1020	MATERIAL	Honeycomb board, falcon board, etc.
	NOTES	Same as XZ0023 except longer cut length
XZ0029	CUT LENGTH	31mm
	REPLACES	T00428
X20029	HOLDER	T00126
KBOOLI	MATERIAL	Honeycomb board, falcon board, etc.
	NOTES	Same as XZ0028 except longer cut length
		1 0 0

#### **DOUBLE EDGE BLADES**



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## **COLEX KNIFE BLADES**

# XZ0011

CUT LENGTH	6.9mm
REPLACES	T00313
HOLDER	T00120
MATERIAL	Vinyl, magnet, PVC
NOTES	60° cut angle

#### SINGLE EDGE BLADES



CUT LENGTH	19mm	
REPLACES	T00330	
HOLDER	T00139	
MATERIAL	Sintra, styrene, foamboard	
NOTES	Best used for wide curves & straight lines	



CUT LENGTH	6.5mm
REPLACES	T00335
HOLDER	T00139
MATERIAL	Vinyl, paper, cardboard, foil, Sintra, styrene, coroplast, card stock
NOTES	Stable, long life carbide blade

#### V-CUT BLADES



CUT LENGTH	19mm	
REPLACES	T00340	
HOLDER	T00140	
MATERIAL	Falcon board, Xanita, foam board, triple wall, corrugated	
NOTES	Special V-cut knife	

#### **FABRIC BLADES**



CUT LENGTH	3.5mm
REPLACES	T00360
HOLDER	T00143
MATERIAL	Fabric, textile
NOTES	10-sided rotary blade 25mm

## ARISTO KNIFE BLADES

#### **6MM SHAFT OSCILLATING**

SHAFT OSCILI	LATING	
KK3006-ORP	CUT LENGTH	6mm
	REPLACES	00000.7275
Q-900EXX	HOLDER	7553
	MATERIAL	Gasket, packaging, foam materials
	NOTES	Stable, long life carbide blade
K3010-ORP	CUT LENGTH	10mm
	REPLACES	00000.7267
	HOLDER	7553
	MATERIAL	Gasket, packaging, foam materials
	NOTES	Stable, long life carbide blade
K3015-ORP	CUT LENGTH	15mm
	REPLACES	00000.7265
	HOLDER	7553
	MATERIAL	Gasket, packaging, foam materials
	NOTES	Stable, long life carbide blade
K3020-ORP	CUT LENGTH	20mm
	REPLACES	NO EQUIVALENT
	HOLDER	7553
	MATERIAL	Gasket, packaging, foam materials
	NOTES	Stable, long life carbide blade
K3020-OFP	CUT LENGTH	
	REPLACES	NO EQUIVALENT
	HOLDER	7553
	MATERIAL	Gasket, packaging, foam materials
	NOTES	Flat tip for higher cut speed, but less intricate cuts
K3025-ORP	CUT LENGTH	25mm
	REPLACES	00000.7354
	HOLDER	7553
	MATERIAL	Gasket, packaging, foam materials
	NOTEC	0, 11 1 1:0 1:1 11 1

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Stable, long life carbide blade

**NOTES** 

# ARISTO KNIFE BLADES

XK3030-ORP

CUT LENGTH	30mm
REPLACES	00000.7394
HOLDER	7553
MATERIAL	Gasket, packaging, foam materials
NOTES	Stable, long life carbide blade



CUT LENGTH	35mm	
REPLACES	NO EQUIVALENT	
HOLDER	7553	
MATERIAL	Corrugated, sandwich board, foamboard/foam, carpet	
NOTES	Flat tip for higher cut speed, but less intricate cuts	



CUT LENGTH	38mm	
REPLACES	NO EQUIVALENT	
HOLDER	7553	
MATERIAL	Honeycomb, fluted cardboard, tough paper materials, etc.	
NOTES	Serrated knife design for less friction while cutting	

#### **FLAT BLADES**



CUT LENGTH	14.3mm
REPLACES	910.313
HOLDER	4560
MATERIAL	Rubber, foam, corrugated panels, etc.
NOTES	65°/85°



CUT LENGTH	17.2mm	
REPLACES	910.314	
HOLDER	4560	
MATERIAL	Rubber, foam, corrugated panels, etc.	
NOTES	Same as XZ0020 except longer cut length	



CUT LENGTH	14mm	
REPLACES	910.315	
HOLDER	4560	
MATERIAL	Rubber, foam, or solid boards up to 3mm	
NOTES	Similar to XZ0021 with longer cut length	

# ARISTO COMPATIBLE KNIFE BLADES

XZ0042	CUT LENGTH	7.8mm
XZ0042	REPLACES	910.324
	HOLDER	7085/7111
	MATERIAL	Fabrics, leather, etc.
	NOTES	Special tip designed for above materials
XK4055-D	CUT LENGTH	5.5mm
	REPLACES	910.306-L
XK4055-D	HOLDER	7563/7085/7111
	MATERIAL	Folding carton
	NOTES	55° Single Edge
	1	
XK4050-D	CUT LENGTH	4.8mm
	REPLACES	910.301-S
XK4050-15	HOLDER	4520/4550
	MATERIAL	Folding carton, plastics, etc.
	NOTES	50° cut angle, 20° wedge
XK4060-D	CUT LENGTH	6.9mm
	REPLACES	910.309-S
XK-4060-D	HOLDER	4520/4550
	MATERIAL	Folding carton, plastics, etc.
	NOTES	60° cut angle, 20° wedge
XZ0046	CUT LENGTH	20mm
AZ0040		· · · · · · · · · · · · · · · · · · ·
	REPLACES	4800.073-AR35
XZ0046	HOLDER	4570
	MATERIAL	Foam boards, carpet, & thick fibrous materials
	NOTES	Flat tip for higher cut speed, but less intricate cuts

# ARISTO COMPATIBLE KNIFE BLADES

#### CIRCULAR BLADES



CUT LENGTH	2mm
REPLACES	00000.7263
HOLDER	7031
MATERIAL	Fabrics, etc.
NOTES	25mm round, .6mm thick



CUT LENGTH	5mm	
REPLACES	00000.7459	
HOLDER	7031	
MATERIAL	Fabrics, felt, paper, tarpaulin etc.	
NOTES	28mm round .6mm; thick decagonal (10-sided) rotary blade	

High quality and highly balanced for minimum run-out to achieve the best cuts while maximizing the life of your spindle as well as your tooling.

#### **HSK STYLE TOOL HOLDERS**

FOR: HSK SPINDLE TAPER				
PART NUMBER	TAPER SIZE	COLLET NUT SIZE	LENGTH	
XTH-HSK-63	HSK63F	ER40	70mm	
XTH-HSK-32	HSK32E	ER25	60mm	
XTH-HSK-25	HSK25E	ER16	40mm	





#### ISO STYLE TOOL HOLDERS

FOR: HDU, PLASTICS, WOOD				
PART NUMBER TAPER SIZE COLLET NUT SIZE LENGTH PULL STUD				
XTHISO-30-HSD	ISO30	ER32	50mm	HSD
XTHISO-30-COL	ISO30	ER32	50mm	COLOMBO



All standard X-Edge tool holders include the new "Sure Snap" collet nut, which allows for better tool shank grip.

#### **DRILL CHUCK TOOL HOLDERS**

(Permanently mounted drill chuck tool holder for holding up to 1/2" shank drill bits)

FOR: HOLDING DRILL BITS				
PART NUMBER TAPER SIZE HOLDER LENGTH				
XDCISO-30	ISO30	Drill Chuck	100mm	
XDCHSK-63 HSK63F Drill Chuck 145mm				



\*\*NOTE\*\*

All tool holder length is measured from spindle face to tool holder face with nut or chuck fully retracted.

## "TITAN" CHUCK

Extremely high clamping force of 1900 Nm with precision concentricity of >.003mm allowing for longer tool life as well as better edge quality. Balanced G2.5 @ 25,000 RPM Highly recommended when using diamond polishing tool. 10nM torque key included.

#### HSK STYLE "TITAN" CHUCK HOLDERS



FOR: HSK SPINDLE TAPER				
PART NUMBER TAPER SIZE SHANK DIA LENGTH				
XTC-6312	HSK63F	1/2"	85mm	



Reduction sleeves allow the "TITAN" chuck to hold smaller diameter tools beyond the 1/2" shank default.

#### REDUCTION SLEEVES FOR "TITAN" CHUCK HOLDERS



FOR: HSK SPINDLE TAPER			
PART NUMBER	FITS	OD	REDUCES TO
XTS-38	XTC-6312	1/2"	3/8"
XTS-24	XTC-6312	1/2"	1/4"
XTS-10	XTC-6312	1/2"	10mm
XTS-06	XTC-6312	1/2"	6mm



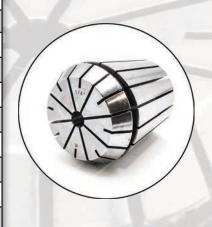
High precision spring collets made from spring steel and grounded internally & externally.

#### **ER40 COLLETS**

(Balanced 0.0004" TIR)



FOR: ER40 COLLET NUTS			
PART NUMBER	DIAMETER	STYLE	
XER018-40	1/8"	ER40	
XER316-40	3/16"	ER40	
XER014-40	1/4"	ER40	
XER038-40	3/8"	ER40	
XER012-40	1/2"	ER40	
XER058-40	5/8"	ER40	
XER075-40	3/4"	ER40	
XER078-40	7/8"	ER40	
XER100-40	1"	ER40	
XER006-40M	6mm	ER40	
XER010-40M	10mm	ER40	



#### **ER32 COLLETS**

(Balanced 0.0004" TIR)

FOR: ER32 COLLET NUTS				
PART NUMBER	DIAMETER	STYLE		
XER018-32	1/8"	ER32		
XER316-32	3/16"	ER32		
XER014-32	1/4"	ER32		
XER038-32	3/8"	ER32		
XER012-32	1/2"	ER32		
XER058-32	5/8"	ER32		
XER006-32M	6mm	ER32		
XER010-32M	10mm	ER32		



#### **ER25 COLLETS**

(Balanced 0.0004" TIR)



FOR: ER25 COLLET NUTS			
PART NUMBER	DIAMETER	STYLE	
XER116-25	1/16"	ER25	
XER018-25	1/8"	ER25	
XER316-25	3/16"	ER25	
XER014-25	1/4"	ER25	
XER038-25	3/8"	ER25	
XER012-25	1/2"	ER25	
XER003-25M	3mm	ER25	
XER004-25M	4mm	ER25	
XER006-25M	6mm	ER25	



#### **ER16 COLLETS**

(Balanced 0.0004" TIR)



FOR: ER16 COLLET NUTS				
PART NUMBER	DIAMETER	STYLE		
XER018-16	1/8"	ER16		
XER014-16	1/4"	ER16		
XER038-16	3/8"	ER16		
XER003-16M	3mm	ER16		
XER004-16M	4mm	ER16		
XER006-16M	6mm	ER16		



2 Position easy-to-use specialized torque wrenches for tightening tool holders to the correct ft/lb per collet size.

#### **TORQUE WRENCH**

(Use with X-Station)



FOR: TOOL HOLDER TIGHTENING				
PART NUMBER	SIZE	FT/LB POSITIONS	COMPATIBLE STATION	
XW-1000-ER40	ER40	88 & 147	XS-1010-63	
XW-1000-ER32	ER32	51 & 95	XS-1020-30	
XW-1000-ER25	ER25	40 & 66	XS-1010-32	
XW-1000-ER16	ER16	21	XS-1010-25	



Designed to hold your tool holder in place while you torque the collet nut to the appropriate torque setting. Using our CNC tool holder tightening station and wrench will allow you to tighten your tool holders to the correct torque spec for the collet used, leading to longer tool and spindle bearing life.

#### X-STATION TIGHTENING STAND

FOR: HOLDING TOOL HOLDERS			
PART NUMBER	TAPER	COMPATIBLE WRENCH	
XS-1010-63	HSK 63	XW-1000-ER40	
XS-1010-32	HSK 32	XW-1000-ER25	
XS-1010-25	HSK 25	XW-1000-ER16	
XS-1020-30	ISO 30	XW-1000-ER32	
XS-1020-25	ISO 25	XW-1000-ER25	



Specialized formulation of alcohol based misting fluid for the smoothest cutting of non-ferrous metals like aluminum, copper, and brass. Will not affect anodization or welding processes.

#### LIQUID-X™ TOOL COOLANT

(Best when used with Viper series tooling)

FOR: CUTTING ALUMINUM				
PART NUMBER SIZE BASE				
XL001	1 gallon	Alcohol		
XL005 5 gallons Alcohol				



Proper care & maintenance is key to the longevity of your machine and tooling investments, as well as directly affecting your cut quality.

#### **NU-TOOL™ CLEANING SOLUTIONS**

(Use with wiper kit for best results)

FOR: TOOL HOLDER/TAPER/COLLET CLEANING				
PART NUMBER	STEP	PURPOSE		
XNU100P1	1	Rust & debris remover		
XNU100P2	2	Protectant		
XNU100	1&2	KIT Rust & debris remover & Protectant		



2-part CNC tool holder and collet cleaning kit. Part 1 is a powerful cleaning solution for removing rust and debris from tool holders and collets. Part 2 is a specially formulated protectant that will deter rust and repel dust from your tool holders and collets.



Wiper kit contains 1 spindle taper wiper, 1 tool holder taper wiper, and 1 set of collet brushes to fit all standard size inch and metric collets

#### WIPER KITS



FOR: TOOL HOLDER/TAPER/COLLET CLEANING				
PART NUMBER	FITS	ТҮРЕ		
XWK1110-63	HSK 63	KIT		
XWK1110-32	HSK 32	KIT		
XWK1120-30	ISO 30	KIT		



(Use with NU-TOOL™ Step 1 for most effective results)

Special MatriX Mat<sup>™</sup> formulation and permeable design allows for vacuum to easily pull directly through, while also maintaining a high grip surface producing greater lateral holding power when cutting small parts. Also used as a sacrificial mat over MDF when using a knife system.

#### 3MM MATRIX MAT™

FOR: ENHANCED PART HOLDING/KNIFE SACRIFICIAL						
PART NUMBER	THICKNESS	COLOR	SIZE			
XMM6048-3	3mm	Lt Gray	60" x 48"			
XMM60120-3	3mm	Lt Gray	60" x 120"			
XMM60144-3	3mm	Lt Gray	60" x 144"			



## **MAINTENANCE**

#### COLLETS

There is a limited life to any colleting system and all collets should be replaced on a regular basis. Collets should be inspected and cleaned during each tool change and checked for any metal damage such as bellmouthing or inside burrs. If damage is visible, the collet should be discarded and replaced. Clean collets using collet brushes and a cleaning solution like NU-TOOL™. Keep in mind that for every .0001 over TIR (total indicator runout meaning how much out of balance) you lose 10% of your tool life. Not to mention suffered cut quality and shorter spindle life.

Collets can also be damaged without visible signs. The most common problem is metal fatigue. An easy way to see if metal fatigue has occured is to insert the tool shank into the back of the collet and then try it in the front side. If the tightness is not the same both ways, then the collet is fatigued and should be discarded. One major cause of collet metal fatigue is from overtightening. A tool holder tightening stand and torque wrench should always be used.

The loss of gripping pressure is a natural occurrence over time simply from use, but it also happens from heat generated by the cutting tool and also the spindle. The constant heating and cooling of the collet causes the fatigue which in turn causes the collet to lose its gripping power.

Collets should be replaced every 2 to 3 months, based on an 8 hour work day. Replacing collets within the recommended time line will result in longer lasting tools, better cuts, and longer spindle service intervals.

Correct installation of the tool in the collet is of absolute importance. The tool must only be gripped on the shank part of the tool. Never should any part of the flute be inside the collet. The collet should be snapped into the nut before tightening or damage to the collet will occur.

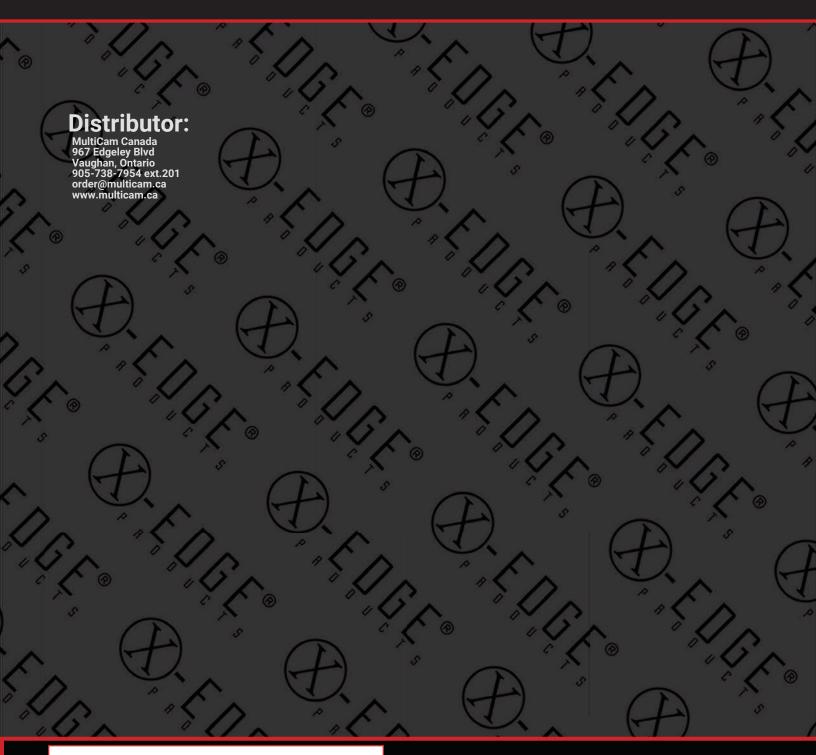
#### **TOOL HOLDERS**

Tool Holders such as ISO 30, HSK 63F, HSK32E, and HSK25 have additional mating tolerances higher then those of the older style tapers. Because of this, these style tool holders can be more prone to runout caused by resin buildup. "Fretting" or "bronzing" will cause inconsistent gripping in the taper and/or the flat mating surface and reduce consistency of tool life. If ignored, this will eventually cause premature spindle failure. The mating surfaces should be cleaned with NU-TOOL™ Part 1 and hand dried immediately afterwards. Apply NU-TOOL™ Part 2 to protect tool holders and collets from rusting. Tool holders should be replaced every 1-2 years depending on the amount of use.

A contamination-free toolholder and machine tool spindle interface ensures toolholders properly seat at full taper contact and are pulled into the spindle taper at maximum force. With holders held and positioned accurately, a machine's full power and tolerance capabilities can then effectively and safely transfer to cutting tools, while runout and vibration are reduced for superior part surface finish quality. Shops should clean and inspect tool holders and spindles after every job. Tool holders should be completely disassembled and cleaned.

## Full Line Catalog





#### **DISTRIBUTOR:**

MultiCam - www.multicam.ca order@multicam.ca 967 Edgeley Blvd., Vaughan, ON Tooling Recommendations - mary@multicam.ca





E-mail: order@multicam.ca