



# TOOLING IS EVERYTHING



*Xperience the difference*

*eXcellent speed, eXcellent quality, eXcellent tools*

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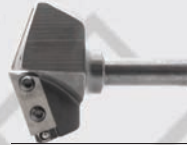
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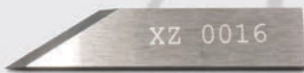
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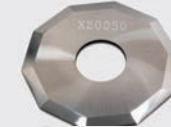
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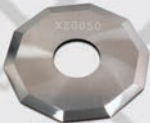
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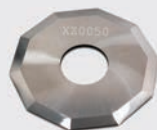
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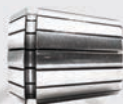
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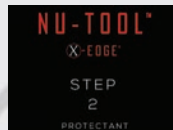
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# RAZOR SERIES

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.

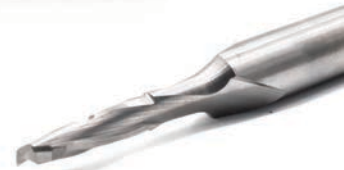
## 2 FLUTE UP-SPIRAL

(Use for detail cutting)



**FOR: UHMW, HDPE, HDU, PVC, ACRYLIC, PHENOLIC, SOLID SURFACE, ACM**

PART NUMBER	DIAMETER	SHANK SIZE	CUT LENGTH	OVERALL
XR2060-CB	1/8"	1/4"	1/2"	2-1/2"
XR2061M-CB	3mm	6mm	13mm	64mm



## 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)



### FOR: ACRYLIC, WOOD, ASSORTED PLASTICS

PART NUMBER	DIAMETER	SHANK SIZE	CUT LENGTH	OVERALL
XO2009	1/16"	1/8"	1/4"	2"
XO2010-S	1/8"	1/4"	.3"	2"
XO2010	1/8"	1/4"	1/2"	2"
XO2011-1	3/16"	3/16"	5/8"	2"
XO2011	3/16"	1/4"	5/8"	2-1/2"
XO2012-S	1/4"	1/4"	1/2"	2-1/2"
XO2012	1/4"	1/4"	3/4"	2-1/2"
XO2012-L	1/4"	1/4"	1-1/8"	2-1/2"
XO2013	3/8"	3/8"	1-1/8"	3"
XO2111M	3mm	3mm	7mm	51mm
XO2111ML	3mm	3mm	15mm	51mm
XO2011M	3mm	6mm	13mm	64mm
XO2112M	4mm	4mm	7mm	51mm
XO2112ML	4mm	4mm	15mm	51mm
XO2012M	6mm	6mm	13mm	64mm

## SINGLE FLUTE DOWN-SPIRAL

(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 natural diamonds (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 INCLUDED
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	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"

## 2 FLUTE LONG LIFE COMPRESSION

(Harder grade carbide for longer life)

### FOR: HARDWOOD, SOFTWOOD, MDF, MELAMINE BOARD

PART NUMBER	DIAMETER	SHANK SIZE	CUT LENGTH	UP	OVERALL
XC2023-LL	3/8"	3/8"	1-1/4"	3/8"	3"

## 2 FLUTE MORTISING COMPRESSION

(Short upcut helps keep parts from moving)

### FOR: HARDWOOD, SOFTWOOD, MDF, MELAMINE BOARD

PART NUMBER	DIAMETER	SHANK SIZE	CUT LENGTH	UP	OVERALL
XC2022-M	1/4"	1/4"	1"	3/16"	2-1/2"
XC2023-M	3/8"	3/8"	7/8"	3/16"	3"

## 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	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™ misting fluid with Ball Mill series tooling on aluminum for optimum edge quality and highest feedrates.



CHAMFER SERIES

# 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	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)



### FOR: ALUMINUM, PLASTICS, WOOD, ACM

PART NUMBER	SHANK	FLAT	V- DEPTH	OVERALL
XCH2144-S	1/2"	.08"	.13"	3"

**TIP:** Use Liquid X™ misting fluid with Chamfer series tooling on aluminum for optimum edge quality and highest feedrates.

# 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 / SHAPING SERIES



# 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"



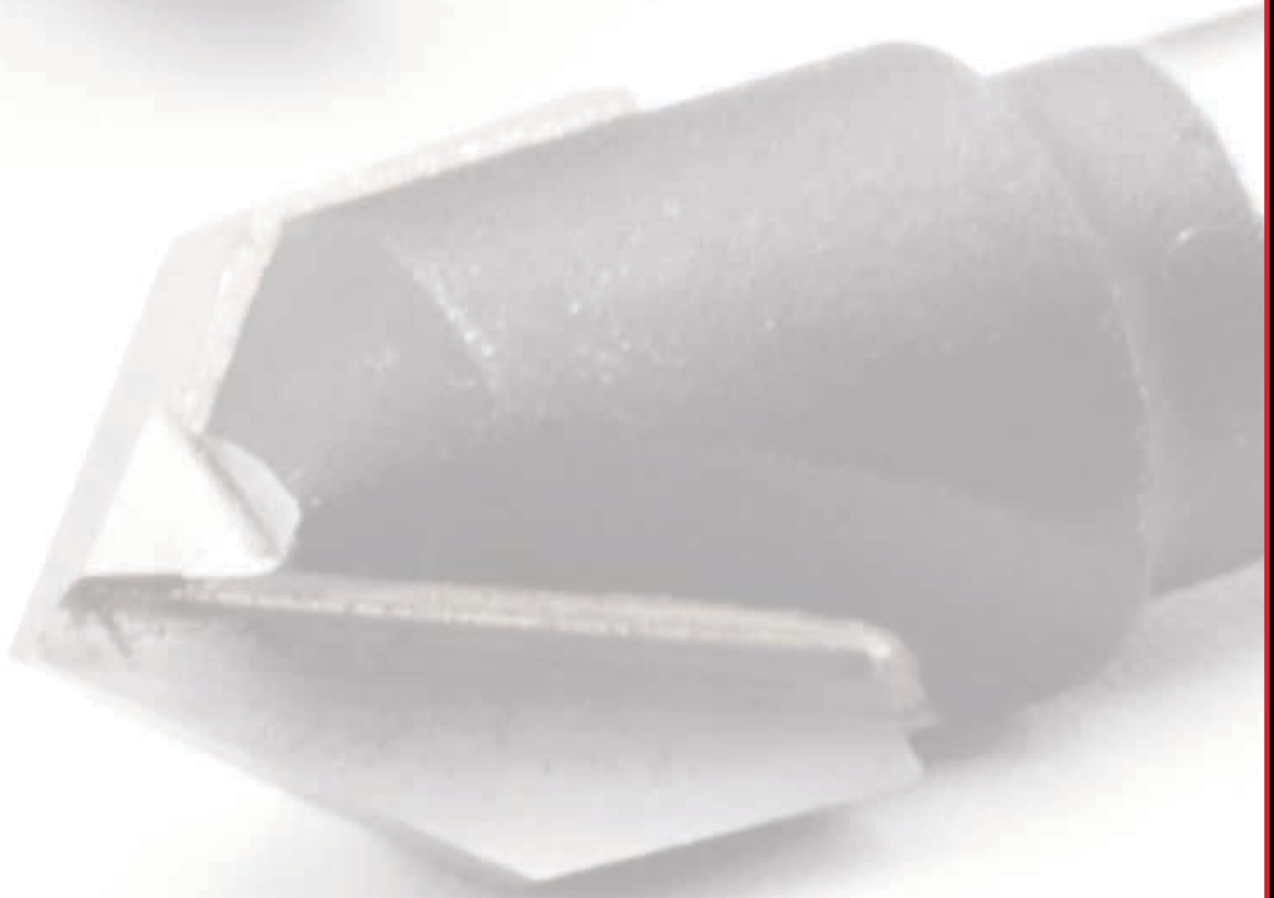
## 2 FLUTE 60° V-TOOL

(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

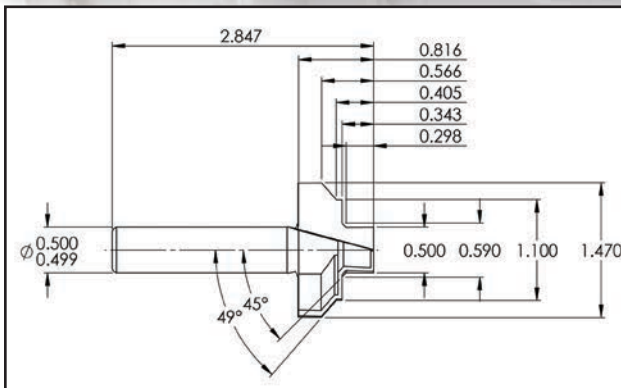
Various tools for applying shaped edges or grooves.

## 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"

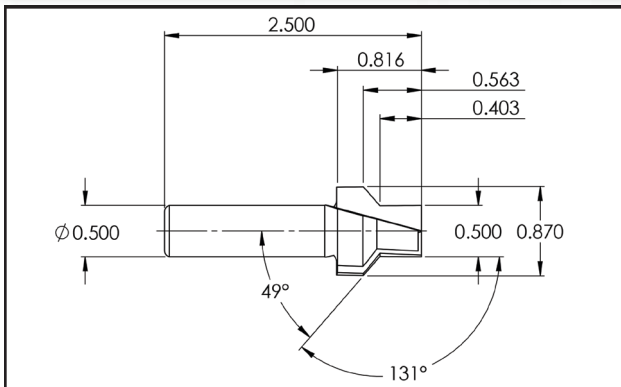


## 2 FLUTE CHAMFER & ROUTE

(Cut and chamfer top edge all in one.)

**FOR: PLASTICS, WOOD**

PART NUMBER	SHANK	LARGEST DIA	SMALLEST DIA	OVERALL
RADXB0003	1/2"	.870"	1/2"	2-1/2"



# SHAPING SERIES

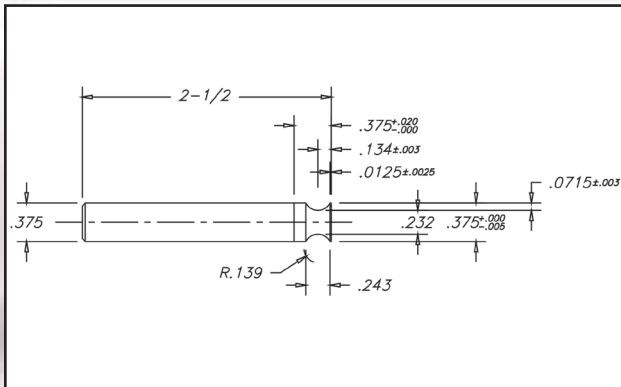
## 2 FLUTE ROUND & ROUTE

(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 groove with no 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: HDU, PLASTICS, 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)



### 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	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"

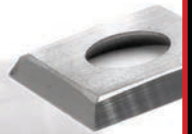
## REPLACEMENT INSERTS FOR TABLE MILL CUTTERS

(All 4 sides of each insert can be used)









### FOR: TABLE MILL CUTTERS

PART NUMBER	LENGTH	WIDTH	RADIUS	ANGLE
XSC-9001-CI	14mm	14mm	0°	30°




# ZUND KNIFE BLADES


## OSCILLATING BLADE-POINTED


	<b>XZ0020</b>	<b>CUT LENGTH</b>	14.3mm
		<b>REPLACES</b>	Z20
		<b>HOLDER</b>	EOT/EOT-250/POT
		<b>MATERIAL</b>	Corrugated, Foam Board, Folding Carton, Magnetic Foil, Rubber, etc.
		<b>NOTES</b>	Very fine, delicate blade with min. overcut; designed for intricate cuts
	<b>XZ0021</b>	<b>CUT LENGTH</b>	17.2mm
		<b>REPLACES</b>	Z21
		<b>HOLDER</b>	EOT/EOT-250/POT
		<b>MATERIAL</b>	Corrugated, Foam Board, Folding Carton, Magnetic Foil, Rubber, etc.
		<b>NOTES</b>	Fine blade with low overcut; designed to cut intricate detail
	<b>XZ0022</b>	<b>CUT LENGTH</b>	14mm
		<b>REPLACES</b>	Z22
		<b>HOLDER</b>	EOT/EOT-250/POT
		<b>MATERIAL</b>	Corrugated, Foam Board, Folding Carton, Magnetic Foil, Rubber, etc.
		<b>NOTES</b>	Fine, robust blade; designed to cut intricate detail.
	<b>XZ0023</b>	<b>CUT LENGTH</b>	22mm
		<b>REPLACES</b>	Z23
		<b>HOLDER</b>	EOT/EOT-250/POT
		<b>MATERIAL</b>	Corrugated, Foam Board, Foam, Folding Carton, Rubber, etc.
		<b>NOTES</b>	Fine, long blade; designed to cut small radii and intricate detail
	<b>XZ0028</b>	<b>CUT LENGTH</b>	26mm
		<b>REPLACES</b>	Z28
		<b>HOLDER</b>	EOT/EOT-250/POT
		<b>MATERIAL</b>	Corrugated Cardboard, Foamboard, Foam, Insulation mat.
		<b>NOTES</b>	Long oscillating blade for soft, thick materials
	<b>XZ0029</b>	<b>CUT LENGTH</b>	31mm
		<b>REPLACES</b>	Z29
		<b>HOLDER</b>	EOT/POT
		<b>MATERIAL</b>	Corrugated Cardboard, Foamboard, Foam, Insulation mat.
		<b>NOTES</b>	Long oscillating blade for soft, thick materials

# ZUND KNIFE BLADES


<b>XZ0060</b> 	<b>CUT LENGTH</b>	16.5mm
	<b>REPLACES</b>	Z60
	<b>HOLDER</b>	EOT-250/POT
	<b>MATERIAL</b>	Corrugated, sandwich board, felt, foamboard, rubber, leather hide
	<b>NOTES</b>	Similar to XZ0021, but made for tougher materials


## DRAG AND OSCILLATING BLADE-POINTED

<b>XZ0016</b> 	<b>CUT LENGTH</b>	7.4mm
	<b>REPLACES</b>	Z16
	<b>HOLDER</b>	EOT/EOT-250/POT/SCT/UCT
	<b>MATERIAL</b>	Canvas, vinyls, carton, magnetic foil, banner, paper, polyester, etc.
	<b>NOTES</b>	Blade for soft materials; universal robust oscillating blade.


<b>XZ0017</b> 	<b>CUT LENGTH</b>	12mm
	<b>REPLACES</b>	Z17
	<b>HOLDER</b>	EOT/EOT-250/POT/SCT/UCT
	<b>MATERIAL</b>	Canvas, vinyls, carton, magnetic foil, banner, paper, polyester, etc.
	<b>NOTES</b>	For cutting thin material; same as XZ0016 except smaller overcut


## OSCILLATING BLADE-FLAT

<b>XZ0026</b> 	<b>CUT LENGTH</b>	8.7mm
	<b>REPLACES</b>	Z26
	<b>HOLDER</b>	EOT/EOT-250/POT
	<b>MATERIAL</b>	Aramid fibre, carbon fibre, corrugated, rubber, fabric, leather, etc.
	<b>NOTES</b>	Simple, robust oscillating blade

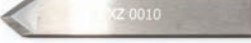
<b>XZ0041</b> 	<b>CUT LENGTH</b>	11.3mm
	<b>REPLACES</b>	Z41
	<b>HOLDER</b>	EOT/EOT-250/POT
	<b>MATERIAL</b>	Aramid & carbon fibre, corrugated, foam board, fabric, leather, etc.
	<b>NOTES</b>	Oscillating blade with small pre-cut


# ZUND KNIFE BLADES


	<b>XZ0042</b>	<b>CUT LENGTH</b>	7.8mm
		<b>REPLACES</b>	Z42
		<b>HOLDER</b>	EOT/EOT-250/POT
		<b>MATERIAL</b>	Aramid fibre, carbon fibre, corrugated, felt, fabric, leather, etc.
		<b>NOTES</b>	Robust oscillating blade with small pre-cut; similar to XZ0026.


	<b>XZ0043</b>	<b>CUT LENGTH</b>	7.8mm
		<b>REPLACES</b>	Z43
		<b>HOLDER</b>	EOT/EOT-250/POT
		<b>MATERIAL</b>	Leather, fabric, corrugated cardboard
		<b>NOTES</b>	Similar to XZ0042, but with smaller pre-cut & larger post-cut.

## DRAG BLADE FLAT-STOCK

	<b>XZ0010</b>	<b>CUT LENGTH</b>	4.8mm
		<b>REPLACES</b>	Z10
		<b>HOLDER</b>	SCT/UCT
		<b>MATERIAL</b>	Canvas, corrugated, hardfoam, vinyls, carton, banner, paper, etc.
		<b>NOTES</b>	Double-edged blade; similar to XZ0011 but with larger overcut


	<b>XZ0011</b>	<b>CUT LENGTH</b>	6.9mm
		<b>REPLACES</b>	Z11
		<b>HOLDER</b>	SCT/UCT
		<b>MATERIAL</b>	Canvas, corrugated, hardfoam, vinyls, carton, banner, paper, etc.
		<b>NOTES</b>	Universal blade; similar to XZ0010 but with a smaller overcut

	<b>XZ0013</b>	<b>CUT LENGTH</b>	6.9mm
		<b>REPLACES</b>	Z13
		<b>HOLDER</b>	SCT/UCT
		<b>MATERIAL</b>	Canvas, corrugated, hardfoam, vinyls, carton, banner, paper, etc.
		<b>NOTES</b>	Same as XZ0011 except double sided


	<b>XZ0044</b>	<b>CUT LENGTH</b>	14mm
		<b>REPLACES</b>	Z44
		<b>HOLDER</b>	SCT/UCT
		<b>MATERIAL</b>	Carpet, Tarpaulin
		<b>NOTES</b>	For less tough, fibrous materials




# ZUND KNIFE BLADES


	<b>XZ0046</b>	<b>CUT LENGTH</b>	20mm
		<b>REPLACES</b>	Z46
		<b>HOLDER</b>	SCT/UCT
		<b>MATERIAL</b>	Corrugated, foam board, foam, banner, polyester fabric, etc.
		<b>NOTES</b>	For light, soft materials; low drag force but has large overcut

## DRAG BLADE ROUND-STOCK


	<b>XZ0001</b>	<b>CUT LENGTH</b>	1mm
		<b>REPLACES</b>	Z1
		<b>HOLDER</b>	C2/C2P/KCM-S/KCT
		<b>MATERIAL</b>	Vinyls, magnetic foil, masking film, polycarb, cardstock
		<b>NOTES</b>	For cutting any standard self-adhesive vinyls

## V-CUT BLADE


	<b>XZ0070</b>	<b>CUT LENGTH</b>	10/15.6mm
		<b>REPLACES</b>	Z70
		<b>HOLDER</b>	T75
		<b>MATERIAL</b>	Corrugated, sandwich board, foam board/foam, carpet
		<b>NOTES</b>	Blade for a 45°cut


	<b>XZ0071</b>	<b>CUT LENGTH</b>	16/18.4mm
		<b>REPLACES</b>	Z71
		<b>HOLDER</b>	VCT
		<b>MATERIAL</b>	Corrugated, sandwich board, foamboard/foam, carpet
		<b>NOTES</b>	Stable, long-life carbide blade


## PASSEPARTOUT/MAT CUTTING BLADE

	<b>XZ0030</b>	<b>CUT LENGTH</b>	2mm
		<b>REPLACES</b>	Z30
		<b>HOLDER</b>	PPT
		<b>MATERIAL</b>	Matboard
		<b>NOTES</b>	For cutting straight lines & sharp corners from the back of matboard

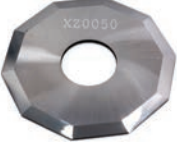
# ZUND KNIFE BLADES


	<b>XZ0031</b>	<b>CUT LENGTH</b>	2mm
		<b>REPLACES</b>	Z31
		<b>HOLDER</b>	PPT
		<b>MATERIAL</b>	Matboard
		<b>NOTES</b>	For cutting straight lines from the back of matboard, radii from front

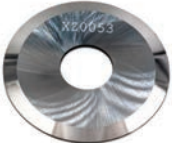
	<b>XZ0033</b>	<b>CUT LENGTH</b>	5mm
		<b>REPLACES</b>	Z33
		<b>HOLDER</b>	PPT
		<b>MATERIAL</b>	Matboard
		<b>NOTES</b>	For cutting straight lines & sharp corners from the back of matboard

	<b>XZ0035</b>	<b>CUT LENGTH</b>	5mm
		<b>REPLACES</b>	Z35
		<b>HOLDER</b>	PPT
		<b>MATERIAL</b>	Matboard
		<b>NOTES</b>	For cutting straight lines & sharp corners from the front of matboard

## ROTARY BLADE






	<b>XZ0050</b>	<b>CUT LENGTH</b>	3,5mm
		<b>REPLACES</b>	Z50
		<b>HOLDER</b>	DRT/PRT
		<b>MATERIAL</b>	Aramid fibre, carbon fibre, fabric, felt, leather, nylon fabric, paper, etc.
		<b>NOTES</b>	10-sided blade; smaller overcut & greater cutting force than XZ0051

	<b>XZ0051</b>	<b>CUT LENGTH</b>	5mm
		<b>REPLACES</b>	Z51
		<b>HOLDER</b>	DRT/PRT
		<b>MATERIAL</b>	Aramid fibre, carbon fibre, fabric, felt, leather, nylon fabric, etc.
		<b>NOTES</b>	10-sided blade


	<b>XZ0053</b>	<b>CUT LENGTH</b>	2mm
		<b>REPLACES</b>	Z53
		<b>HOLDER</b>	DRT/PRT
		<b>MATERIAL</b>	Aramid fibre, fabric, glass fibre
		<b>NOTES</b>	Driven round-knife for cutting of single-layer textiles

# MULTICAM KNIFE BLADES


## OSCILLATING KNIFE BLADES


<b>XKEC0050</b> 	<b>CUT LENGTH</b>	3.5mm
	<b>REPLACES</b>	K1
	<b>HOLDER</b>	OSCILLATE/KH6
	<b>MATERIAL</b>	Flock textile foils, felt, cardboard
	<b>NOTES</b>	Wedge blade
<b>XK3006-ORP</b> 	<b>CUT LENGTH</b>	6mm
	<b>REPLACES</b>	K2
	<b>HOLDER</b>	OSCILLATE/KH6
	<b>MATERIAL</b>	Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubber
	<b>NOTES</b>	Tip at center of rotation
<b>XK3010-ORP</b> 	<b>CUT LENGTH</b>	10mm
	<b>REPLACES</b>	K4
	<b>HOLDER</b>	OSCILLATE/KH6
	<b>MATERIAL</b>	Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubber
	<b>NOTES</b>	Tip at center of rotation
<b>XESR6223</b> 	<b>CUT LENGTH</b>	12mm
	<b>REPLACES</b>	NO EQUIVALENT
	<b>HOLDER</b>	OSCILLATE/KH6
	<b>MATERIAL</b>	Most types of corrugated board, etc.
	<b>NOTES</b>	Tip at back of blade
<b>XK3015-ORP</b> 	<b>CUT LENGTH</b>	15mm
	<b>REPLACES</b>	K6
	<b>HOLDER</b>	OSCILLATE/KH6
	<b>MATERIAL</b>	Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubber
	<b>NOTES</b>	Tip at center of rotation
<b>XK3020-ORP</b> 	<b>CUT LENGTH</b>	20mm
	<b>REPLACES</b>	K8
	<b>HOLDER</b>	OSCILLATE/KH6
	<b>MATERIAL</b>	Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubber
	<b>NOTES</b>	Tip at center of rotation


# MULTICAM KNIFE BLADES


<b>XK3020-OFP</b> 	<b>CUT LENGTH</b>	20mm
	<b>REPLACES</b>	K90
	<b>HOLDER</b>	OSCILLATE/KH6
	<b>MATERIAL</b>	Corrugated Boards, Plastic Soft, Foams Soft, etc.
	<b>NOTES</b>	Flat tip; cuts loose foams & fabrics better but less intricate cuts

<b>XK3020-OCF</b> 	<b>CUT LENGTH</b>	20mm
	<b>REPLACES</b>	NO EQUIVALENT
	<b>HOLDER</b>	OSCILLATE/KH6
	<b>MATERIAL</b>	Rubber, foam
	<b>NOTES</b>	Best choice for cutting foam rubbers

<b>XESR6303</b> 	<b>CUT LENGTH</b>	20mm
	<b>REPLACES</b>	003612-MC6303
	<b>HOLDER</b>	OSCILLATE/KH6
	<b>MATERIAL</b>	Foamboard, Ejection rubber (for dies), expanded polystyrene
	<b>NOTES</b>	Great choice for 15mm & 20mm foamboard


<b>XESR6375</b> 	<b>CUT LENGTH</b>	25mm
	<b>REPLACES</b>	NO EQUIVALENT
	<b>HOLDER</b>	OSCILLATE/KH6
	<b>MATERIAL</b>	Foamboard, Ejection rubber (for dies), expanded polystyrene
	<b>NOTES</b>	Great choice for die ejection rubber


<b>XK3025-ORP</b> 	<b>CUT LENGTH</b>	25mm
	<b>REPLACES</b>	K10
	<b>HOLDER</b>	OSCILLATE/KH6
	<b>MATERIAL</b>	Corrugated, sandwich board, foamboard/foam, carpet
	<b>NOTES</b>	Stable, long-life carbide blade


<b>XK3030-ORP</b> 	<b>CUT LENGTH</b>	30mm
	<b>REPLACES</b>	K12
	<b>HOLDER</b>	OSCILLATE/KH6
	<b>MATERIAL</b>	Corrugated, sandwich board, foamboard/foam, carpet
	<b>NOTES</b>	Stable, long-life carbide blade





# MULTICAM KNIFE BLADES

<b>XK3035-OFP</b> 	<b>CUT LENGTH</b>	35mm
	<b>REPLACES</b>	K96
	<b>HOLDER</b>	OSCILLATE/KH6
	<b>MATERIAL</b>	Rubber backed carpet, corrugated plastic, foams, honeycomb etc.
	<b>NOTES</b>	Stable, long-life carbide blade







<b>XK3040-OFP</b> 	<b>CUT LENGTH</b>	40mm
	<b>REPLACES</b>	K98
	<b>HOLDER</b>	OSCILLATE/KH6
	<b>MATERIAL</b>	Rubber backed carpet, corrugated plastic, foams, honeycomb, etc.
	<b>NOTES</b>	Stable, long-life carbide blade

<b>XK3050-ORP</b> 	<b>CUT LENGTH</b>	50mm
	<b>REPLACES</b>	K13
	<b>HOLDER</b>	OSCILLATE
	<b>MATERIAL</b>	Foams, soft rubber
	<b>NOTES</b>	Stable, long-life carbide blade







<b>XK3065-ORP</b> 	<b>CUT LENGTH</b>	65mm
	<b>REPLACES</b>	K14
	<b>HOLDER</b>	OSCILLATE
	<b>MATERIAL</b>	Foams, soft rubber
	<b>NOTES</b>	Blade for thick, soft materials

<b>XK3070-ORP</b> 	<b>CUT LENGTH</b>	70mm
	<b>REPLACES</b>	K77
	<b>HOLDER</b>	OSCILLATE
	<b>MATERIAL</b>	Foams, soft rubber, etc.
	<b>NOTES</b>	Blade for thick, soft materials


# MULTICAM KNIFE BLADES


<b>XESR6831</b> 	<b>CUT LENGTH</b>	80mm
	<b>REPLACES</b>	K104
	<b>HOLDER</b>	FOAM HEAD
	<b>MATERIAL</b>	Expanded polystyrene, protective foam, etc.
	<b>NOTES</b>	2.5° cutting angle enables very fine detail cutting
<b>XK3090-ORP</b> 	<b>CUT LENGTH</b>	90mm
	<b>REPLACES</b>	K79
	<b>HOLDER</b>	OSCILLATE
	<b>MATERIAL</b>	Foams, soft rubber
	<b>NOTES</b>	Blade for thick, soft materials
<b>XK3090-OFP</b> 	<b>CUT LENGTH</b>	90mm
	<b>REPLACES</b>	K104
	<b>HOLDER</b>	OSCILLATE
	<b>MATERIAL</b>	Foams
	<b>NOTES</b>	Flat tip for higher speeds but less intricate cuts
<b>XK3110-ORP</b> 	<b>CUT LENGTH</b>	110mm
	<b>REPLACES</b>	NO EQUIVALENT
	<b>HOLDER</b>	OSCILLATE
	<b>MATERIAL</b>	Foams, soft rubber
	<b>NOTES</b>	Blade for thick, soft materials
<b>XK3110-OFP</b> 	<b>CUT LENGTH</b>	110mm
	<b>REPLACES</b>	K106
	<b>HOLDER</b>	OSCILLATE
	<b>MATERIAL</b>	Foams, soft rubber
	<b>NOTES</b>	Flat tip for higher speed but less intricate cuts
<b>XK3120-OFP</b> 	<b>CUT LENGTH</b>	120mm
	<b>REPLACES</b>	K108
	<b>HOLDER</b>	OSCILLATE
	<b>MATERIAL</b>	Foams, soft rubber
	<b>NOTES</b>	Flat tip for higher speed but less intricate cuts

# MULTICAM KNIFE BLADES


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


# MULTICAM KNIFE BLADES


<b>XESR6352</b> 	<b>CUT LENGTH</b>	32mm
	<b>REPLACES</b>	NO EQUIVALENT
	<b>HOLDER</b>	OSCILLATE
	<b>MATERIAL</b>	Honeycomb, fluted cardboard, tough paper materials, etc.
	<b>NOTES</b>	Serrated knife design for less friction while cutting


<b>XEKC0060</b> 	<b>CUT LENGTH</b>	55mm
	<b>REPLACES</b>	NO EQUIVALENT
	<b>HOLDER</b>	OSCILLATE
	<b>MATERIAL</b>	Honeycomb, fluted cardboard, tough paper materials, etc.
	<b>NOTES</b>	Serrated knife design for less friction while cutting

## DRAG KNIFE BLADES

<b>XK4050-D</b> 	<b>CUT LENGTH</b>	4.8mm
	<b>REPLACES</b>	K22
	<b>HOLDER</b>	KH3
	<b>MATERIAL</b>	Folding carton, plastics, foil, PVC, textile fabrics
	<b>NOTES</b>	Similar to XK4060-D except with 50 ° angle blade







<b>XK4060-D</b> 	<b>CUT LENGTH</b>	6.9mm
	<b>REPLACES</b>	K24
	<b>HOLDER</b>	KH3
	<b>MATERIAL</b>	Folding carton, plastics, foil, PVC, textile fabrics
	<b>NOTES</b>	Similar to XK4050-D except with 60 ° angle blade

<b>XZ0021</b> 	<b>CUT LENGTH</b>	17.2mm
	<b>REPLACES</b>	K66
	<b>HOLDER</b>	KH2
	<b>MATERIAL</b>	Corrugated, Foam Board, Folding Carton, Magnetic Foil, Rubber, etc.
	<b>NOTES</b>	Fine blade with low overcut; designed to cut intricate detail


<b>XZ0022</b> 	<b>CUT LENGTH</b>	14mm
	<b>REPLACES</b>	K68
	<b>HOLDER</b>	KH2
	<b>MATERIAL</b>	Corrugated, Foam Board, Folding Carton, Magnetic Foil, Rubber, etc.
	<b>NOTES</b>	Fine, robust blade; designed to cut intricate detail.




# MULTICAM KNIFE BLADES


<b>XZ0044</b> 	<b>CUT LENGTH</b>	14mm
	<b>REPLACES</b>	003612-MC44
	<b>HOLDER</b>	KH3
	<b>MATERIAL</b>	Film, tarpaulin, canvas and carpet
	<b>NOTES</b>	Double-sided blade for less tough, fibrous materials
<b>XZ004620</b> 	<b>CUT LENGTH</b>	20mm
	<b>REPLACES</b>	K20
	<b>HOLDER</b>	KH4
	<b>MATERIAL</b>	PVC, Corrugated plastic, Foam board/Foam, PVC Banner, etc.
	<b>NOTES</b>	For light, soft materials; exerts little drag force but larger overcut
<b>XK4055-D</b> 	<b>CUT LENGTH</b>	5.5mm
	<b>REPLACES</b>	K16
	<b>HOLDER</b>	KH1
	<b>MATERIAL</b>	General purpose, banner, cardstock, corrugated, styrene, etc.
	<b>NOTES</b>	55 ° cut angle
<b>XZ0060</b> 	<b>CUT LENGTH</b>	16.5mm
	<b>REPLACES</b>	K26
	<b>HOLDER</b>	KH4
	<b>MATERIAL</b>	Corrugated, sandwich board, felt, foamboard, rubber, leather hide
	<b>NOTES</b>	Similar to XZ0021, but made for tougher materials
<b>XZ0070</b> 	<b>CUT LENGTH</b>	27mm
	<b>REPLACES</b>	K70
	<b>HOLDER</b>	KH1
	<b>MATERIAL</b>	Corrugated, sandwich board, foamboard/foam, carpet
	<b>NOTES</b>	Stable, long-life carbide blade
<b>XKM0023</b> 	<b>CUT LENGTH</b>	4.8mm
	<b>REPLACES</b>	K23
	<b>HOLDER</b>	KH3
	<b>MATERIAL</b>	Soft plastics, polypropylene, PVC, banner, folding carton, etc.
	<b>NOTES</b>	Straight back blade for operations requiring no overcut 50 ° angle

# MULTICAM KNIFE BLADES

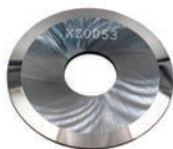
<b>XKM0025</b> 	<b>CUT LENGTH</b>	6.9mm
	<b>REPLACES</b>	K25
	<b>HOLDER</b>	KH3
	<b>MATERIAL</b>	Film tarpaulin, polypropylene, PVC, vinyl banner, folding carton, etc.
	<b>NOTES</b>	Straight back blade for operations requiring no overcut

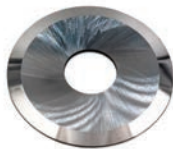
## DRIVEN ROTARY TOOL BLADES

<b>XZ0050</b> 	<b>CUT LENGTH</b>	3.5mm
	<b>REPLACES</b>	003612-MC50-ROTARY
	<b>HOLDER</b>	DRT
	<b>MATERIAL</b>	Aramid fibre, carbon fibre, fabric, felt, leather, nylon, paper, etc.
	<b>NOTES</b>	25mm, 10-sided blade; smaller overcut/greater cut force than XZ0051

<b>XZ0051</b> 	<b>CUT LENGTH</b>	5mm
	<b>REPLACES</b>	003612-MC51-ROTARY
	<b>HOLDER</b>	DRT
	<b>MATERIAL</b>	Aramid fibre, carbon fibre, fabric, felt, leather, nylon fabric, etc.
	<b>NOTES</b>	28mm round 10-sided blade


## ROTARY BLADES


<b>XZ0053</b> 	<b>CUT LENGTH</b>	2mm cut edge, 6mm max cut depth
	<b>REPLACES</b>	NO EQUIVALENT
	<b>HOLDER</b>	KH13
	<b>MATERIAL</b>	Fabrics, textiles
	<b>NOTES</b>	25mm General purpose blade for thin, open-cell materials

<b>XKM0046</b> 	<b>CUT LENGTH</b>	2mm cut edge, 16mm max cut depth
	<b>REPLACES</b>	K46
	<b>HOLDER</b>	KH13
	<b>MATERIAL</b>	Fabrics, textiles
	<b>NOTES</b>	45mm General purpose blade for thin, open-cell materials

# MULTICAM KNIFE BLADES


## V-CUT BLADES


<b>XZ0071</b>	<b>CUT LENGTH</b>	11.8/18.4mm
	<b>REPLACES</b>	K71
	<b>HOLDER</b>	KH20
	<b>MATERIAL</b>	Corrugated honeycomb, cardboard, foamboard, Falconboard
	<b>NOTES</b>	Use for 0 °, 15 °, 30 °, or 45 ° cutting


<b>XZ0071-S</b>	<b>CUT LENGTH</b>	11.8/18.4mm
	<b>REPLACES</b>	K71 (except 36mm OAL instead of 50mm)
	<b>HOLDER</b>	KH20
	<b>MATERIAL</b>	Corrugated honeycomb, cardboard, foamboard, Falconboard
	<b>NOTES</b>	Use for 0 °, 15 °, 30 °, or 45 ° cutting


# KONGSBERG KNIFE BLADES


## SINGLE EDGE ROUND 6MM SHAFT OSCILLATING BLADES


<b>XEDR6160</b> 	<b>CUT LENGTH</b>	5mm
	<b>REPLACES</b>	BLD-DR6160
	<b>HOLDER</b>	MP HF/LONG STROKE/VIBRACUT
	<b>MATERIAL</b>	For thinner flexible or rigid materials like solid carton, vinyl, etc.
	<b>NOTES</b>	0 lag

<b>XESR6223</b> 	<b>CUT LENGTH</b>	12mm
	<b>REPLACES</b>	BLD-SR6223
	<b>HOLDER</b>	MP HF/LONG STROKE/VIBRACUT
	<b>MATERIAL</b>	Most types of corrugated board
	<b>NOTES</b>	Long life tungsten carbide blade

<b>XESR6224</b> 	<b>CUT LENGTH</b>	12mm
	<b>REPLACES</b>	BLD-SR6224
	<b>HOLDER</b>	MP HF/LONG STROKE/VIBRACUT
	<b>MATERIAL</b>	Corrugated cardboard, corrugated plastic, Foam PVC, etc.
	<b>NOTES</b>	Best choice for corrugated board with recycled content


<b>XESR6310</b> 	<b>CUT LENGTH</b>	20mm
	<b>REPLACES</b>	BLD-SR6310
	<b>HOLDER</b>	MP HF/LONG STROKE/VIBRACUT
	<b>MATERIAL</b>	Rubber backed carpet, corrugated, EPS, PUR, PVC, Honeycomb, etc.
	<b>NOTES</b>	Long life tungsten carbide serrated blade

<b>XESR6303</b> 	<b>CUT LENGTH</b>	20mm
	<b>REPLACES</b>	BLD-SR6303
	<b>HOLDER</b>	MP HF/LONG STROKE/VIBRACUT
	<b>MATERIAL</b>	Foam board, other sandwich materials and rubber
	<b>NOTES</b>	Good blade for 15mm & 20mm foamboard


<b>XESR6375</b> 	<b>CUT LENGTH</b>	25mm
	<b>REPLACES</b>	BLD-SR6375
	<b>HOLDER</b>	MP HF/LONG STROKE/VIBRACUT
	<b>MATERIAL</b>	Rubber
	<b>NOTES</b>	Good blade for cutting die ejection rubber




# KONGSBERG KNIFE BLADES


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


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

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

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


## SINGLE EDGE ROUND 6MM SHAFT SERRATED BLADES


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


<b>XKEC0060</b> 	<b>CUT LENGTH</b>	55mm
	<b>REPLACES</b>	BLD-SR6551
	<b>HOLDER</b>	FOAM HEAD/FOAM UNIT
	<b>MATERIAL</b>	Honeycomb, fluted cardboard, tough paper materials, etc.
	<b>NOTES</b>	Serrated blade to create less friction & get less hot while cutting


# KONGSBERG KNIFE BLADES

## 8MM SHAFT BLADES


	<b>XEDR8160</b>	<b>CUT LENGTH</b>	6mm
		<b>REPLACES</b>	BLD-DR8160
		<b>HOLDER</b>	RM/ HD / DUAL HD UNIT
		<b>MATERIAL</b>	Rigid materials like gasket materials, Forex, and solid carton board
		<b>NOTES</b>	0 lag blade


	<b>XEDR8180</b>	<b>CUT LENGTH</b>	5mm
		<b>REPLACES</b>	BLD-DR8180
		<b>HOLDER</b>	RM/ HD / DUAL HD UNIT
		<b>MATERIAL</b>	Rigid materials like gasket materials, Forex, and solid carton board
		<b>NOTES</b>	Similar to XEDR8160, but blunter angle for tough materials; 0 lag

	<b>XESR8170</b>	<b>CUT LENGTH</b>	6.5mm
		<b>REPLACES</b>	BLD-SR8170
		<b>HOLDER</b>	HD / DUAL HD UNIT
		<b>MATERIAL</b>	Thinner, flexible materials such as folding carton, polyester film etc.
		<b>NOTES</b>	0 lag





	<b>XESR8172</b>	<b>CUT LENGTH</b>	4.5mm
		<b>REPLACES</b>	BLD-SR8172
		<b>HOLDER</b>	HD / DUAL HD UNIT
		<b>MATERIAL</b>	Thinner, flexible materials such as folding carton, polyester film etc.
		<b>NOTES</b>	0 lag

## SINGLE EDGE FLAT BLADES


	<b>XZ0016</b>	<b>CUT LENGTH</b>	7.4mm
		<b>REPLACES</b>	BLD-SF216
		<b>HOLDER</b>	MP HF/STATIC KNIFE SE/VIBRACUT/HI-FORCE/STATIC KNIFE
		<b>MATERIAL</b>	Paper, vinyl, etc.
		<b>NOTES</b>	Single edge blade for soft, flexible materials


	<b>XZ0017</b>	<b>CUT LENGTH</b>	12mm
		<b>REPLACES</b>	BLD-SF217
		<b>HOLDER</b>	MP HF/STATIC KNIFE SE/VIBRACUT/HI-FORCE/STATIC KNIFE
		<b>MATERIAL</b>	Paper, vinyl, etc.
		<b>NOTES</b>	Single edge blade for soft flexible materials


# KONGSBERG KNIFE BLADES


<b>XZ0020</b> 	<b>CUT LENGTH</b>	14.3mm
	<b>REPLACES</b>	BLD-SF420
	<b>HOLDER</b>	MP HF/VIBRACUT/HI-FORCE
	<b>MATERIAL</b>	Rubber/similar materials
	<b>NOTES</b>	For high performance and long life
<b>XZ0021</b> 	<b>CUT LENGTH</b>	17.2mm
	<b>REPLACES</b>	BLD-SF421
	<b>HOLDER</b>	MP HF/VIBRACUT/HI-FORCE
	<b>MATERIAL</b>	Corrugated stock, foam board, etc.
	<b>NOTES</b>	5 °/25 ° cut angle
<b>XZ0022</b> 	<b>CUT LENGTH</b>	14mm
	<b>REPLACES</b>	BLD-SF422
	<b>HOLDER</b>	MP HF/VIBRACUT/HI-FORCE
	<b>MATERIAL</b>	Corrugated stock, foam board, etc.
	<b>NOTES</b>	10 °/25 ° cut angle
<b>XZ0023</b> 	<b>CUT LENGTH</b>	22mm
	<b>REPLACES</b>	NO EQUIVALENT
	<b>HOLDER</b>	MP HF
	<b>MATERIAL</b>	Corrugated stock, foamboard, rubber
	<b>NOTES</b>	4 °/45 ° cut angle
<b>XZ0026</b> 	<b>CUT LENGTH</b>	6mm
	<b>REPLACES</b>	BLD-SF426
	<b>HOLDER</b>	MP HF
	<b>MATERIAL</b>	Card stock, rubber, etc.
	<b>NOTES</b>	Single edge flat tip design with 10 °/25 ° cut angle
<b>XZ0028</b> 	<b>CUT LENGTH</b>	26mm
	<b>REPLACES</b>	BLD-SF428
	<b>HOLDER</b>	MP HF
	<b>MATERIAL</b>	Soft materials like rubber, foam board, etc.
	<b>NOTES</b>	3.5 °/45 ° cut angle


# KONGSBERG KNIFE BLADES


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

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

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

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


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


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




# KONGSBERG KNIFE BLADES

## DOUBLE-EDGE FLAT & ROTA CUT BLADES


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

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


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

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

## SPECIAL PURPOSE HEAVY-DUTY FLAT BLADES







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

## KISS CUT BLADES







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

# AXYZ KNIFE BLADES


## OSCILLATING KNIFE BLADES


	<b>XK3006-ORP</b>	<b>CUT LENGTH</b>	6mm
		<b>REPLACES</b>	BT-57275
		<b>HOLDER</b>	OSCILLATING
		<b>MATERIAL</b>	Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubber
		<b>NOTES</b>	Tip at center of rotation
	<b>XK3010-ORP</b>	<b>CUT LENGTH</b>	10mm
		<b>REPLACES</b>	BT-57267
		<b>HOLDER</b>	OSCILLATING
		<b>MATERIAL</b>	Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubber
		<b>NOTES</b>	Tip at center of rotation
	<b>XK3015-ORP</b>	<b>CUT LENGTH</b>	15mm
		<b>REPLACES</b>	BT-57265
		<b>HOLDER</b>	OSCILLATING
		<b>MATERIAL</b>	Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubber
		<b>NOTES</b>	Tip at center of rotation
	<b>XK3020-ORP</b>	<b>CUT LENGTH</b>	20mm
		<b>REPLACES</b>	BT-57269
		<b>HOLDER</b>	OSCILLATING
		<b>MATERIAL</b>	Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubber
		<b>NOTES</b>	Tip at center of rotation
	<b>XK3020-OFP</b>	<b>CUT LENGTH</b>	20mm
		<b>REPLACES</b>	BT-57220
		<b>HOLDER</b>	OSCILLATING
		<b>MATERIAL</b>	Corrugated Boards, Plastic Soft, Foams Soft, etc.
		<b>NOTES</b>	Flat tip cuts loose foams & fabrics better but less intricate cuts
	<b>XK3020-OCP</b>	<b>CUT LENGTH</b>	20mm
		<b>REPLACES</b>	NO EQUIVALENT
		<b>HOLDER</b>	OSCILLATING
		<b>MATERIAL</b>	Rubber, foam
		<b>NOTES</b>	Best choice for cutting foam rubbers

# XYZ KNIFE BLADES


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


# AXYZ KNIFE BLADES


<b>XK3070-ORP</b> 	<b>CUT LENGTH</b>	70mm
	<b>REPLACES</b>	BT-57270
	<b>HOLDER</b>	OSCILLATING
	<b>MATERIAL</b>	Foams, soft rubber
	<b>NOTES</b>	Blade for thick, soft materials

<b>XK3090-ORP</b> 	<b>CUT LENGTH</b>	90mm
	<b>REPLACES</b>	BT-57290
	<b>HOLDER</b>	OSCILLATING
	<b>MATERIAL</b>	Foams, soft rubber
	<b>NOTES</b>	Blade for thick, soft materials

<b>XK3110-ORP</b> 	<b>CUT LENGTH</b>	110mm
	<b>REPLACES</b>	NO EQUIVALENT
	<b>HOLDER</b>	OSCILLATING
	<b>MATERIAL</b>	Foams, soft rubber
	<b>NOTES</b>	Blade for thick, soft materials


<b>XK3110-OFB</b> 	<b>CUT LENGTH</b>	110mm
	<b>REPLACES</b>	BT-572110
	<b>HOLDER</b>	OSCILLATING
	<b>MATERIAL</b>	Foams, soft rubber
	<b>NOTES</b>	Flat tip for higher speed, but less intricate cuts


<b>XEDR6160</b> 	<b>CUT LENGTH</b>	5mm
	<b>REPLACES</b>	BT-71003
	<b>HOLDER</b>	OSCILLATING
	<b>MATERIAL</b>	For thinner flexible or rigid materials like solid carton, vinyl, etc.
	<b>NOTES</b>	0 lag


<b>XK3040D-O</b> 	<b>CUT LENGTH</b>	40mm
	<b>REPLACES</b>	BT-1031L-40
	<b>HOLDER</b>	OSCILLATING
	<b>MATERIAL</b>	Corrugated, sandwich board, foamboard/foam, carpet
	<b>NOTES</b>	Stable, long-life carbide blade




# AXYZ KNIFE BLADES


<b>XK3055D-O</b> 	<b>CUT LENGTH</b>	55mm
	<b>REPLACES</b>	NO EQUIVALENT
	<b>HOLDER</b>	OSCILLATING
	<b>MATERIAL</b>	Corrugated, sandwich board, foamboard/foam, carpet
	<b>NOTES</b>	Stable, long-life carbide blade


<b>XESR6352</b> 	<b>CUT LENGTH</b>	32mm
	<b>REPLACES</b>	NO EQUIVALENT
	<b>HOLDER</b>	OSCILLATING
	<b>MATERIAL</b>	Honeycomb, fluted cardboard, tough paper materials, etc.
	<b>NOTES</b>	Serrated knife design for less friction while cutting

<b>XKEC0060</b> 	<b>CUT LENGTH</b>	55mm
	<b>REPLACES</b>	BT-71060
	<b>HOLDER</b>	OSCILLATING
	<b>MATERIAL</b>	Honeycomb, fluted cardboard, tough paper materials, etc.
	<b>NOTES</b>	Serrated knife design for less friction while cutting

## TANGENTIAL KNIFE BLADES







<b>XZ0010</b> 	<b>CUT LENGTH</b>	4.8mm
	<b>REPLACES</b>	NO EQUIVALENT
	<b>HOLDER</b>	TANGENTIAL W/SABER BLADE HOLDER
	<b>MATERIAL</b>	General purpose for flexible materials like cardboard, & styrene
	<b>NOTES</b>	Similar to XZ0013, except larger overcut/longer life and only 1-sided

<b>XZ0013</b> 	<b>CUT LENGTH</b>	6.9mm
	<b>REPLACES</b>	26082
	<b>HOLDER</b>	TANGENTIAL W/SABER BLADE HOLDER
	<b>MATERIAL</b>	General purpose for flexible materials like cardboard, vinyl, & styrene
	<b>NOTES</b>	60 ° Double edge blade


<b>XK4060-D</b> 	<b>CUT LENGTH</b>	6.9mm
	<b>REPLACES</b>	BT-1051L-7
	<b>HOLDER</b>	TANGENTIAL W/SABER BLADE HOLDER
	<b>MATERIAL</b>	Folding carton, plastics, foil, PVC, textile fabrics
	<b>NOTES</b>	Similar to XK4050-D except with 60 ° angle blade


# ECOCAM KNIFE BLADES

## UNIVERSAL KNIFE BLADES


	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
		NOTES	Wedge blade
	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
	XKEC0012	CUT LENGTH	12mm
		REPLACES	E12
		HOLDER	EOT, TCM
		MATERIAL	Cardboard, packing material, foam rubber, cork, etc.
		NOTES	Universal blade for various materials
	XKEC0018	CUT LENGTH	13.5mm
		REPLACES	E18
		HOLDER	EOT, TCM
		MATERIAL	Cardboard, gasket material, foam rubber, cork, etc.
		NOTES	Universal blade for various materials; use for fine contour cutting

# ECOCAM KNIFE BLADES


<b>XK3020-ORP</b> 	<b>CUT LENGTH</b>	20mm
	<b>REPLACES</b>	NO EQUIVALENT
	<b>HOLDER</b>	EOT, TCM
	<b>MATERIAL</b>	Corrugated Boards, Plastic Soft, Foams Soft, Folding Carton, Rubber
	<b>NOTES</b>	Universal blade for various materials


<b>XKEC0025</b> 	<b>CUT LENGTH</b>	25mm
	<b>REPLACES</b>	E25
	<b>HOLDER</b>	EOT, TCM
	<b>MATERIAL</b>	Cardboard, gasket material, foam rubber, cork, etc.
	<b>NOTES</b>	Universal blade for various materials; use for fine contour cutting

## EOT KNIFE BLADES







<b>XK3020-OFP</b> 	<b>CUT LENGTH</b>	20mm
	<b>REPLACES</b>	NO EQUIVALENT
	<b>HOLDER</b>	EOT
	<b>MATERIAL</b>	Corrugated Boards, Plastic Soft, Foams Soft, etc.
	<b>NOTES</b>	Flat tip cuts loose foams & fabrics better, but less intricate cuts

<b>XK3020-OCF</b> 	<b>CUT LENGTH</b>	20mm
	<b>REPLACES</b>	NO EQUIVALENT
	<b>HOLDER</b>	EOT
	<b>MATERIAL</b>	Rubber, foam
	<b>NOTES</b>	Best choice for cutting foam rubbers

<b>XK3030-ORP</b> 	<b>CUT LENGTH</b>	30mm
	<b>REPLACES</b>	NO EQUIVALENT
	<b>HOLDER</b>	EOT
	<b>MATERIAL</b>	Corrugated, sandwich board, foamboard/foam, carpet
	<b>NOTES</b>	Stable, long life carbide blade







<b>XK3035-OFP</b> 	<b>CUT LENGTH</b>	35mm
	<b>REPLACES</b>	NO EQUIVALENT
	<b>HOLDER</b>	EOT
	<b>MATERIAL</b>	Rubber backed carpet, corrugated plastic, foams, honeycomb etc.
	<b>NOTES</b>	Stable, long life carbide blade

# ECOCAM KNIFE BLADES

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





# ECOCAM KNIFE BLADES


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


# COLEX KNIFE BLADES


## OSCILLATING BLADES

	<b>XZ0020</b>	<b>CUT LENGTH</b>	14.3mm
		<b>REPLACES</b>	T00420
		<b>HOLDER</b>	T00126
		<b>MATERIAL</b>	Corrugated stock, foam board, styrofoam
		<b>NOTES</b>	Stable, long life carbide blade


	<b>XZ0021</b>	<b>CUT LENGTH</b>	17.2mm
		<b>REPLACES</b>	T00421
		<b>HOLDER</b>	T00126
		<b>MATERIAL</b>	Corrugated stock, foam board, styrofoam
		<b>NOTES</b>	Same as XZ0020 except longer cut length

	<b>XZ0023</b>	<b>CUT LENGTH</b>	22mm
		<b>REPLACES</b>	T00423
		<b>HOLDER</b>	T00126
		<b>MATERIAL</b>	Honeycomb board, falcon board, etc.
		<b>NOTES</b>	Best used for thick corrugated paper-based materials


	<b>XZ0028</b>	<b>CUT LENGTH</b>	26mm
		<b>REPLACES</b>	T00425
		<b>HOLDER</b>	T00126
		<b>MATERIAL</b>	Honeycomb board, falcon board, etc.
		<b>NOTES</b>	Same as XZ0023 except longer cut length

	<b>XZ0029</b>	<b>CUT LENGTH</b>	31mm
		<b>REPLACES</b>	T00428
		<b>HOLDER</b>	T00126
		<b>MATERIAL</b>	Honeycomb board, falcon board, etc.
		<b>NOTES</b>	Same as XZ0028 except longer cut length


## DOUBLE EDGE BLADES


	<b>XZ0010</b>	<b>CUT LENGTH</b>	4.8mm
		<b>REPLACES</b>	T00312
		<b>HOLDER</b>	T00120
		<b>MATERIAL</b>	Vinyl, magnet, PVC
		<b>NOTES</b>	80° cut angle

# COLEX KNIFE BLADES


	<b>XZ0011</b>	<b>CUT LENGTH</b>	6.9mm
		<b>REPLACES</b>	T00313
		<b>HOLDER</b>	T00120
		<b>MATERIAL</b>	Vinyl, magnet, PVC
		<b>NOTES</b>	60° cut angle

## SINGLE EDGE BLADES

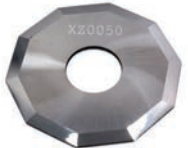
	<b>XK0330</b>	<b>CUT LENGTH</b>	19mm
		<b>REPLACES</b>	T00330
		<b>HOLDER</b>	T00139
		<b>MATERIAL</b>	Sintra, styrene, foamboard
		<b>NOTES</b>	Best used for wide curves & straight lines

	<b>XK0335</b>	<b>CUT LENGTH</b>	6.5mm
		<b>REPLACES</b>	T00335
		<b>HOLDER</b>	T00139
		<b>MATERIAL</b>	Vinyl, paper, cardboard, foil, Sintra, styrene, coroplast, card stock
		<b>NOTES</b>	Stable, long life carbide blade

## V-CUT BLADES


	<b>XK0340</b>	<b>CUT LENGTH</b>	19mm
		<b>REPLACES</b>	T00340
		<b>HOLDER</b>	T00140
		<b>MATERIAL</b>	Falcon board, Xanita, foam board, triple wall, corrugated
		<b>NOTES</b>	Special V-cut knife


## FABRIC BLADES


	<b>XZ0050</b>	<b>CUT LENGTH</b>	3.5mm
		<b>REPLACES</b>	T00360
		<b>HOLDER</b>	T00143
		<b>MATERIAL</b>	Fabric, textile
		<b>NOTES</b>	10-sided rotary blade 25mm


# ARISTO KNIFE BLADES


## 6MM SHAFT OSCILLATING


<b>XK3006-ORP</b> 	<b>CUT LENGTH</b>	6mm
	<b>REPLACES</b>	00000.7275
	<b>HOLDER</b>	7553
	<b>MATERIAL</b>	Gasket, packaging, foam materials
	<b>NOTES</b>	Stable, long life carbide blade

<b>XK3010-ORP</b> 	<b>CUT LENGTH</b>	10mm
	<b>REPLACES</b>	00000.7267
	<b>HOLDER</b>	7553
	<b>MATERIAL</b>	Gasket, packaging, foam materials
	<b>NOTES</b>	Stable, long life carbide blade

<b>XK3015-ORP</b> 	<b>CUT LENGTH</b>	15mm
	<b>REPLACES</b>	00000.7265
	<b>HOLDER</b>	7553
	<b>MATERIAL</b>	Gasket, packaging, foam materials
	<b>NOTES</b>	Stable, long life carbide blade


<b>XK3020-ORP</b> 	<b>CUT LENGTH</b>	20mm
	<b>REPLACES</b>	NO EQUIVALENT
	<b>HOLDER</b>	7553
	<b>MATERIAL</b>	Gasket, packaging, foam materials
	<b>NOTES</b>	Stable, long life carbide blade


<b>XK3020-OFP</b> 	<b>CUT LENGTH</b>	20mm
	<b>REPLACES</b>	NO EQUIVALENT
	<b>HOLDER</b>	7553
	<b>MATERIAL</b>	Gasket, packaging, foam materials
	<b>NOTES</b>	Flat tip for higher cut speed, but less intricate cuts


<b>XK3025-ORP</b> 	<b>CUT LENGTH</b>	25mm
	<b>REPLACES</b>	00000.7354
	<b>HOLDER</b>	7553
	<b>MATERIAL</b>	Gasket, packaging, foam materials
	<b>NOTES</b>	Stable, long life carbide blade




# ARISTO KNIFE BLADES


<b>XK3030-ORP</b> 	<b>CUT LENGTH</b>	30mm
	<b>REPLACES</b>	00000.7394
	<b>HOLDER</b>	7553
	<b>MATERIAL</b>	Gasket, packaging, foam materials
	<b>NOTES</b>	Stable, long life carbide blade


<b>XK3035-OFB</b> 	<b>CUT LENGTH</b>	35mm
	<b>REPLACES</b>	NO EQUIVALENT
	<b>HOLDER</b>	7553
	<b>MATERIAL</b>	Corrugated, sandwich board, foamboard/foam, carpet
	<b>NOTES</b>	Flat tip for higher cut speed, but less intricate cuts

<b>XKEC0038</b> 	<b>CUT LENGTH</b>	38mm
	<b>REPLACES</b>	NO EQUIVALENT
	<b>HOLDER</b>	7553
	<b>MATERIAL</b>	Honeycomb, fluted cardboard, tough paper materials, etc.
	<b>NOTES</b>	Serrated knife design for less friction while cutting






## FLAT BLADES

<b>XZ0020</b> 	<b>CUT LENGTH</b>	14.3mm
	<b>REPLACES</b>	910.313
	<b>HOLDER</b>	4560
	<b>MATERIAL</b>	Rubber, foam, corrugated panels, etc.
	<b>NOTES</b>	65°/85°

<b>XZ0021</b> 	<b>CUT LENGTH</b>	17.2mm
	<b>REPLACES</b>	910.314
	<b>HOLDER</b>	4560
	<b>MATERIAL</b>	Rubber, foam, corrugated panels, etc.
	<b>NOTES</b>	Same as XZ0020 except longer cut length

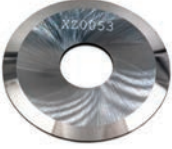
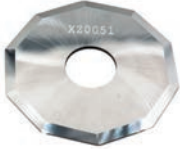
<b>XZ0022</b> 	<b>CUT LENGTH</b>	14mm
	<b>REPLACES</b>	910.315
	<b>HOLDER</b>	4560
	<b>MATERIAL</b>	Rubber, foam, or solid boards up to 3mm
	<b>NOTES</b>	Similar to XZ0021 with longer cut length

# ARISTO COMPATIBLE KNIFE BLADES

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

# ARISTO COMPATIBLE KNIFE BLADES

## CIRCULAR BLADES

<b>XZ0053</b> 	<b>CUT LENGTH</b>	2mm
	<b>REPLACES</b>	00000.7263
	<b>HOLDER</b>	7031
	<b>MATERIAL</b>	Fabrics, etc.
	<b>NOTES</b>	25mm round, .6mm thick
<b>XZ0051</b> 	<b>CUT LENGTH</b>	5mm
	<b>REPLACES</b>	00000.7459
	<b>HOLDER</b>	7031
	<b>MATERIAL</b>	Fabrics, felt, paper, tarpaulin etc.
	<b>NOTES</b>	28mm round .6mm; thick decagonal (10-sided) rotary blade

# ACCESSORIES

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.



# ACCESSORIES

## "TITAN" CHUCK

Extremely high clamping force of 1900 Nm with precision concentricity of  $>.003\text{mm}$  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



# ACCESSORIES

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

## ER40 COLLETS

(Balanced 0.0004" TIR)



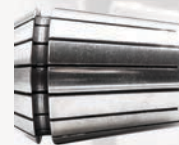
### FOR: ER40 COLLET NUTS

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

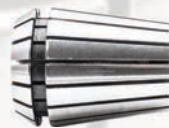
PART NUMBER	DIAMETER	STYLE
XER018-32	1/8"	ER32
XER316-32	3/16"	ER32
XER014-32	1/4"	ER32
XER038-32	3/8"	ER32
XER012-32	1/2"	ER32
XER058-32	5/8"	ER32
XER006-32M	6mm	ER32
XER010-32M	10mm	ER32



# ACCESSORIES

## 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



COLLETS

# ACCESSORIES

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





# ACCESSORIES

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.

MISTING COOLANT / CLEANING SOLUTIONS

# ACCESSORIES

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	TYPE
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™ 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 occurred 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 than 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



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