



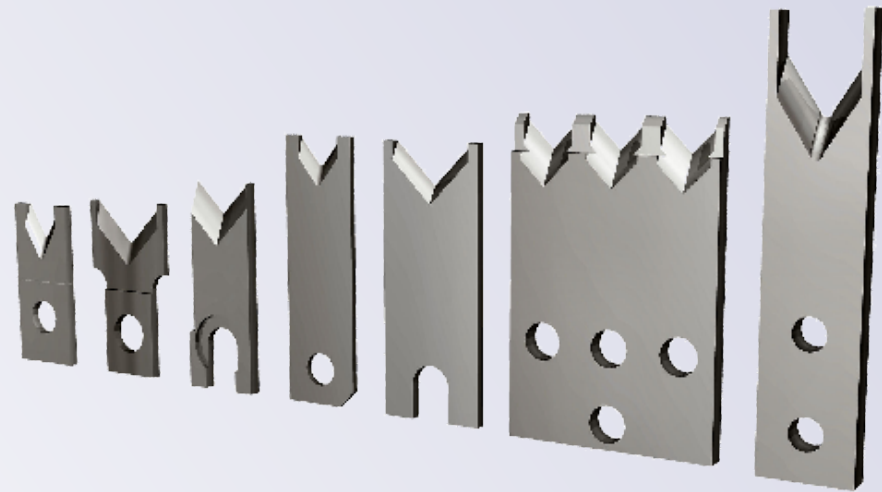
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2018 TOOLING CATALOG

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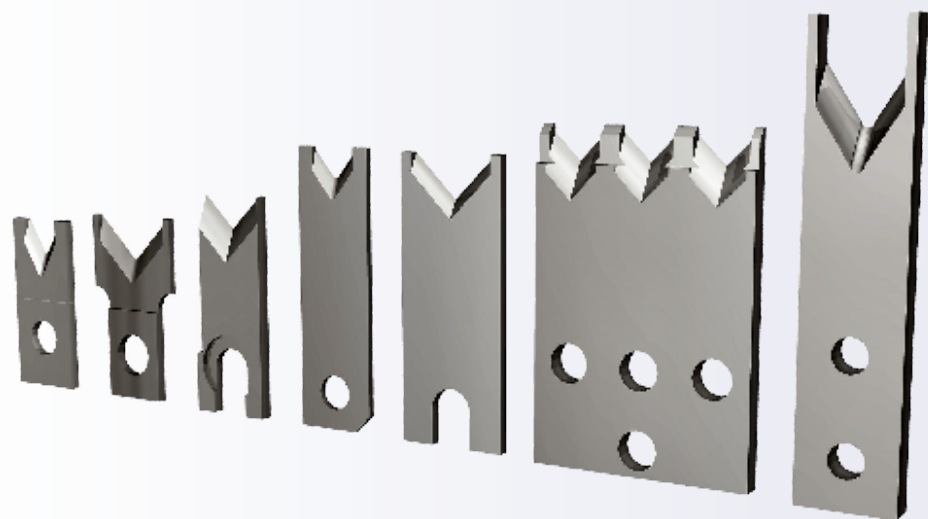




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ENGINEERING INFORMATION

THIS SECTION CONTAINS ENGINEERING INFORMATION FOR THE FOLLOWING:

- *BLADE TYPES*
- *BLADE CLASS*
- *BLADE EDGE*
- *SPACING STYLES*
- *MOUNT STYLES*
- *OPERATION HEIGHT*
- *WIRE CHART*
- *WIRE STRIPPING INFO SHEET*

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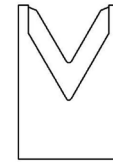
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TYPE: TANGENT “V” TYPE

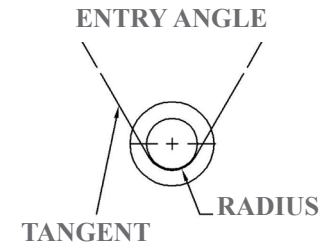
Sharp edge is ground to an arc whose radius approximates AWG wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire sizes with the same blade, or you could compensate for off-center wire extrusions.

Disadvantages: Inadequate for processing thin wall and / or hard insulation, such as cross-link or fiberglass jackets.



“ TA-V ”

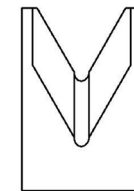


TYPE: TRU-RADIUS TYPE

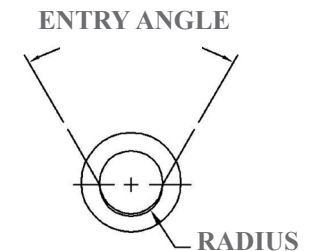
Sharp edge is ground to a half circle whose radius approximates AWG wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.



“ TR-V ”



TYPE: COLLINEAR RADIUS TYPE

Sharp edge is ground to a half circle whose radius approximates AWG wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to proper shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

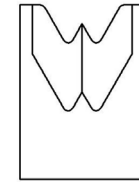


TYPE: DOUBLE “V” TYPE TWIN TANGENT “V” TYPE BLADES

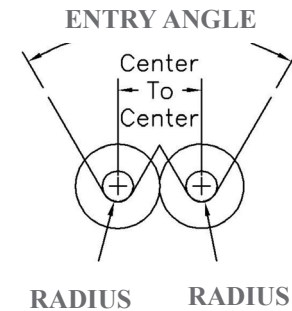
Designed for processing twin parallel cord wires such as SPT-2 power cords and some audio wires. Also useful for processing two wires in one machine feed stroke, especially in early models of wire processing machines of the mechanical cam design.

Advantages: See type TA-V

Disadvantages: See type TA-V. Also, along with the wire gauge, you should provide the dimension as measured from the center of one wire to the center of the adjacent wire. This dimension (C-C) determines how far apart the two “V” grinds are set. Because all twin wires are not created equal, you will find situations where a twin blade, (even though it could be the right AWG size), would not work on a wire with a significantly different (C-C) dimension.



“ V-V ”

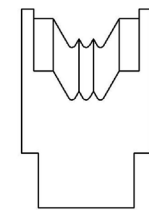


TYPE: TRIPLE “V” TYPE

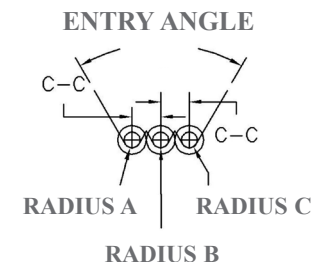
Designed for processing triple cord parallel wires such as SPT-3 power cords. Also useful for processing three wires in one machine feed stroke, especially in early models of wire processing machines of the mechanical cam design.

Advantages: See type TA-V

Disadvantages: See type TA-V. Also, differences in wire gauges within the same parallel wire should be considered when selecting this type of blade, especially in power cords where ground wires are processed at uneven end lengths (step cuts and stagger cuts). These blades are manufactured individually based on the uniqueness of each wire and your process requirements.



“ W-V ”

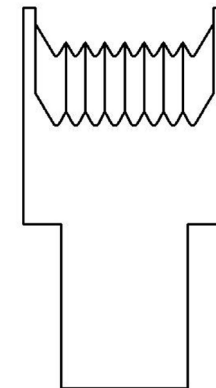


TYPE: MULTI “V” TYPE

Designed for processing multiple cord parallel wires also known as ribbon cables or wires.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire sizes with the same blade, or you could compensate for off-center wire extrusions.

Disadvantages: Inadequate for processing thin wall and / or hard insulation, such as cross-link or fiberglass jackets.

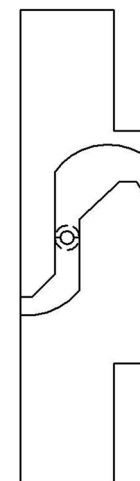


“ M-V ”

TYPE: PRECISION COLLINEAR RADIUS BLADE

The die-type blade has a fixed shut height. The cutting edge is precisely drilled to an exact radius dimension for the conductor diameter. The insulation wall is contained in a counter-bore drilled around cutting edge.

This type of blade is the most exactly matched blade to the wire specification, giving a very precise insulation removal. This is excellent for removal of extremely thin insulation walls or where the outer jacket is oval shaped, and is also very useful for processing solid conductor insulated wire. Normally this is the blade of choice for [SJT](#), [SVT](#), [SJO](#), coaxial cable outer jacket removal, and many round multi-conductor wires. Die blades are manufactured to the exact wire specifications. Blades can be produced for most any wire.

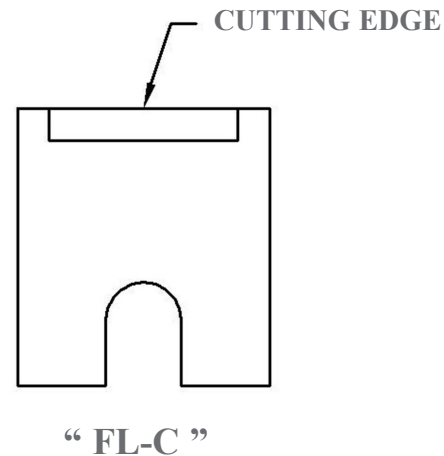


“ DIE ”

CLASS: FLAT COLLINEAR ANGLE

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut either by compression or shear (in-line blades or by-pass blades). This class of blade was designed to allow positive control for cutter head closing (in-line blade setups) for advanced design pneumatic cutter head machines of the previous generation. It also allows precision processing of specific wire sizes with inherent blade longevity. This class of blades effectively trades off lack of wire size universality with proficient insulation type universality, (with the exception of rubbery or loose weave fiber insulation).

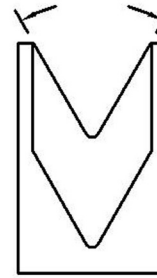


CLASS: NARROW ENTRY ANGLE

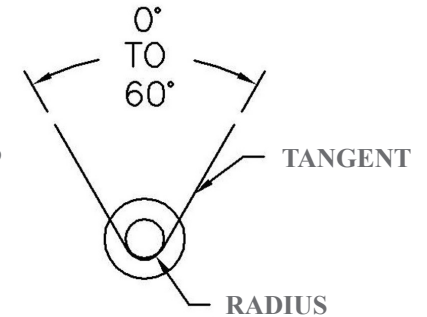
Sharp edge is ground at an angle that results in a “V” opening of up to 60 degrees.

Characteristics: Narrow entry angle assists in wire gathering towards the operating radius. Also tends to help cut insulation closer to conductor size without touching it. Slicing action is better due to narrow angle. The narrow angle however, limits the blade universality. In other words, one set of blades has to be used for one specific wire size or a subsequent one at most. It is the blade class of choice for older generation equipment with fixed strokes, either mechanical or pneumatic type.

0° TO 60°



“NE-A”

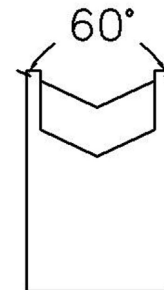


CLASS: WIDE ENTRY ANGLE

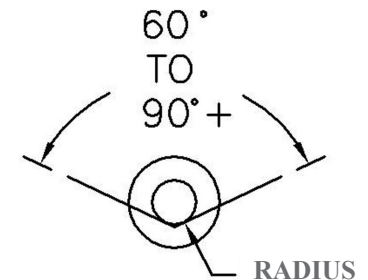
Sharp edge is ground at an angle that results in a “V” opening from 60 degrees to above 90 degrees.

Characteristics: Wide angle is not as effective for gathering wire towards the operating radius. However, it allows for a wider range of wire gauges to be processed without blade change. It is the blade class of choice for newer generation equipment with programmable cutter heads. Please note, however, that its effectiveness is marginal for thin-wall cross-linked insulation. It is excellent for standard wall PVC insulated wire processing.

GREATER THAN



“WE-A”



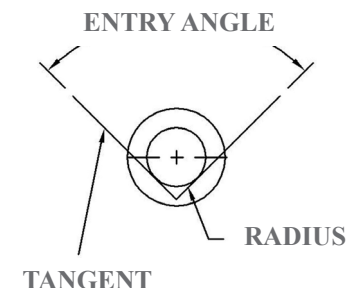
CLASS: UNIVERSAL ENTRY ANGLE

Sharp edge is ground to an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90-degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existent radius. It works sufficiently for most standard wall insulation, but is marginal for thin-wall, cross-linked PVC, very rubbery insulation, woven fiber or thin-walled multi-conductors.

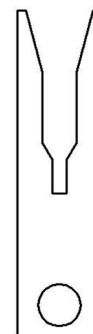


“UN-A”



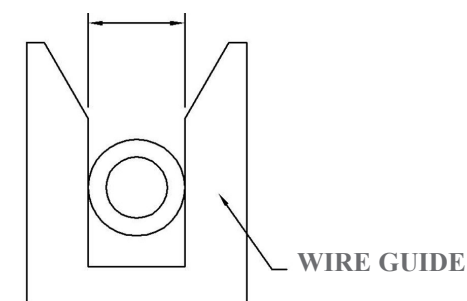
CLASS: WIRE GUIDED ANGLE

Characteristics: Any blade that requires assistance of auxiliary wire guides receives this classification.



“WG-A”

OUTER DIAMETER



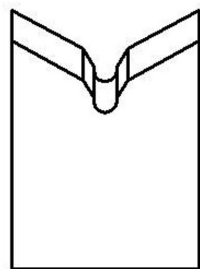
**CLASS: AU-NE-A
NARROW ENTRY ANGLE WITH
AUXILARY GRIND**

**CLASS: AU-WE-A
WIDE ENTRY ANGLE WITH
AUXILARY GRIND**

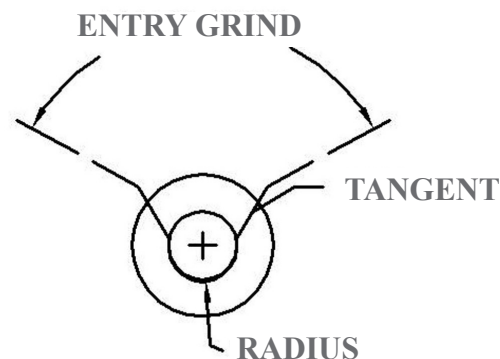
**CLASS: AU-UN-A
UNIVERSAL ENTRY ANGLE WITH
AUXILARY GRIND**

Characteristics: A wider angle is ground on top of the normal entry angle. Most of the time, this second auxiliary grind is performed for added clearance and / or for better gathering of the wire. This grind is not sharp and does not cut into the insulation normally.

Regardless of the angle used for the auxiliary entry angle, the main sharp entry angle is really going to determine the blade process capability.



**COMPOUND ENTRY
ANGLE**

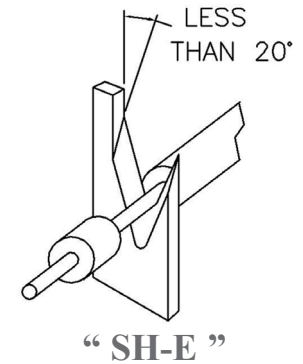


EDGE: SHARP ANGLE OF ATTACK

Cutting edge is narrow, less than 20 degrees.

Advantages: It provides the cleanest penetration into the insulation. The plastic compression factor is low, reducing tearing off of slug. Excellent for very elastic or rubbery insulation.

Disadvantages: Inadequate for processing hard or fiber-coated insulation. It is also more susceptible to premature wear or chipping.

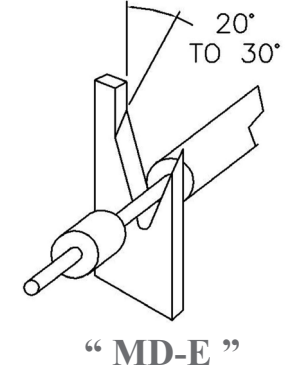


EDGE: MEDIUM SHARPNESS ANGLE OF ATTACK

Cutting edge is narrow, between 20 and 30 degrees.

Advantages: It provides good penetration into the insulation. The plastic compression factor is medium, slug tearing is very low, especially in thermo plastics like PVC. Durability is higher than sharp edge blades.

Disadvantages: Marginal for processing hard or fiber coated insulation.

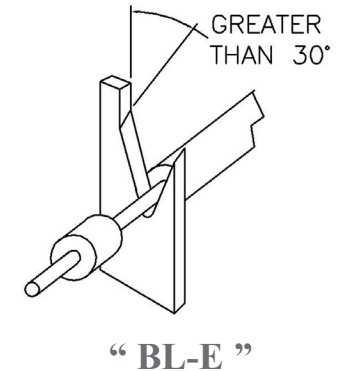


EDGE: BLUNT ANGLE OF ATTACK

Cutting edge is wider, above 30 degrees.

Advantages: It provides good penetration into the insulation. The plastic compression factor is high. Tearing off of slug is higher as well. Good for most thermo plastics, also very good for processing harder insulation and fiber coatings. Durability is considerably higher than medium or sharp edges.

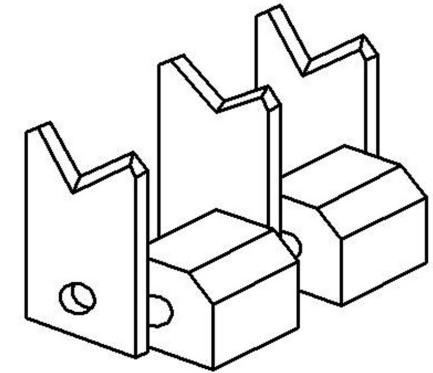
Disadvantages: Inadequate for processing very elastic or rubbery insulation or for multi-conductor cables with a soft or loose core.



SPACING STYLE: FIXED SPACING MOUNT

Characteristics: The spacers between the blades are always of a specific dimension, pre-established by the original equipment manufacturer. Normally, this system is used in newer generation programmable cutter head and strip clamp machines.

Fixed dimension spacers are used primarily to establish a pre-defined location for the individual blades, which is used as a reference point by the equipment onboard computer for stripping clamp positioning, which in turn determines the resulting strip dimension.



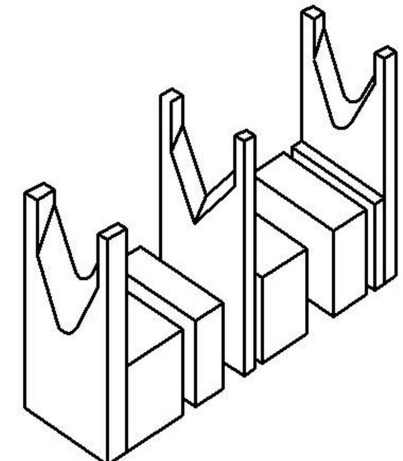
“ FS-M ”

SPACING STYLE: VARIABLE SPACING MOUNT

Characteristics: The wire end strip dimension is obtained by physically inserting spacers of different thickness between the blade bodies. The assembly is then held in place by setscrews or other fastening devices. This system involves measurement calculations in order to figure the correct spacer-blade combinations for the desired strip lengths.

Because of its inherent cumbersome nature, it is highly recommended that this setup be performed in anticipation to a scheduled production run.

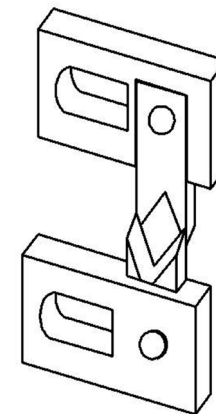
To optimize equipment productivity, it is a good idea to have several sets of pre-assembled blade mounts ready for production schedules.



“ VS-M ”

SPACING STYLE: NO SPACING MOUNT

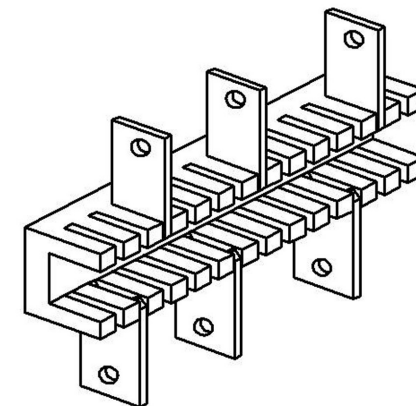
Characteristics: This setup consists of a pair of opposing by-pass blades which are fastened to fixed holders attached to the cutter head. This pair of blades performs both functions of cutting and stripping in a sequential fashion. Since there are no separate stripping blades, no spacers are required. The wire end strip dimension is obtained by means of controlling the wire end position via a set of programmable rollers that hold the wire between them. After the wire has been cut, the left and right rollers sequentially re-insert the wire end into the blade area. The blades partially close up to a point where they almost touch the conductor and stop. At that point, the rollers then pull back the wire to remove the insulation slug.



“ NS-M ”

SPACING STYLE: SLOT ALIGNMENT SPACING

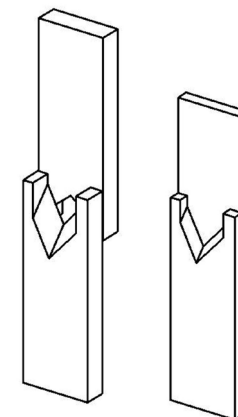
Characteristics: The spacing between the blades are determined by slots that have been machined from a solid block. The slots also act as an alignment surface for the blades. Strip dimensioning is limited by the slot positions. Obviously, for specific strip combinations it is required to special order custom blocks. These blocks also incorporate wire feed funnel guides within them.



“ SA-M ”

MOUNT STYLE: BY-PASS MOUNT

Characteristics: When cutter head closes, opposing blades by-pass each other with sharp edge surfaces sliding against each other. In older generation equipment, outside stripping blades were always longer than inside stripping blades to compensate for cutting blade wire deflection and maintaining perpendicular insulation cut around conductor. They were also thicker, to withstand the stripping clamps lateral pulling force. In newer generation equipment, programmable cutter head openings as well as programmable strip clamp positioning allows use of same length and thickness stripping blades.

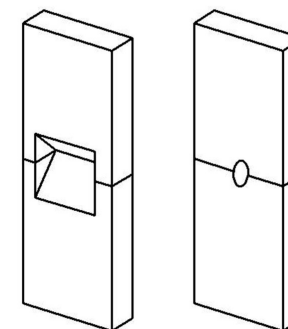


“ BY-M ”

MOUNT STYLE: COLLINEAR MOUNT

Characteristics: When cutter head closes, opposing blades make direct contact with each other. All sharp edges oppose their counterpart in-line. Intermediate generation programmable pneumatic machines with fixed cutter head strokes use this blade mount style. One major advantage is that you can never exceed the cutter head optimal closing due to the blade setup configuration. Thus, a high degree of precision is obtained with this mounting style.

This configuration also tends to offer the best blade duration, although you sacrifice setup universality due to the non-adjustability of the cutter head opening or closing.

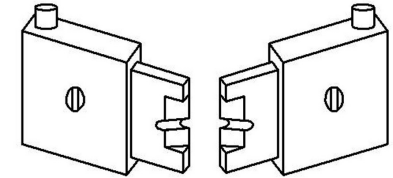


“ CL-M ”

MOUNT STYLE: BENCH OPERATION MANUAL

Characteristics: Used in a number of versions of bench lever-based hand operated machines. Most of the time, these blades are fastened to the closing mechanism through clamps and screws. The operator supplies the pulling force required to detach the insulation slug from the wire.

For low volume labor intensive processes.



“ BO-M ”

ENGINEERING INFORMATION

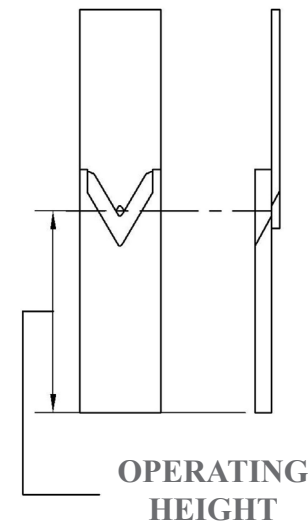
OPERATION HEIGHT

OPERATING HEIGHT REFERENCE DIMENSION

The operating height of a wire stripping blade is defined as a reference dimension taken from a fixed point of the blade mount, or the blade itself, to the geometric center of the blade cutting edge profile, at the point where the cutter head of the wire processing machine has been cycled to the maximum closure.

When this dimension reaches optimal measure, the blade's cutting profile exactly envelopes or matches the wire conductor's profile. At this point, the highest quality and cleanest insulation slug removal is attained.

If the blade is poorly manufactured and / or the equipment's cutter head is inadequately calibrated, very poor strip quality and low blade life can be expected.



ENGINEERING INFORMATION

WIRE CHART



AMERICAN OR BROWN & SHARPE'S AWG	BRITISH STANDARD AWG	NOMINAL CONDUCTOR DIAMETER (Ø) (INCHES)	FRACTIONAL EQUIVALENT (INCHES)	NOMINAL CONDUCTOR DIAMETER (Ø) (MM)	CROSS SECTIONAL CONDUCTOR AREA SQ MM (MM2)	STANDARD WIRE CONSTRUCTION NUMBER OF STRANDS X DIAMETER OF STRANDS (INCHES) (MM)	
-	-	0.328	21/64	8.33	54.5		
1/0	0	0.325	-	8.26	53.6		
-	-	0.313	5/16	7.95	49.7		
-	1	0.300	-	7.62	45.6		
-	-	0.297	19/64	7.54	44.7		
1	-	0.289	-	7.34	42.3		
-	-	0.281	9/32	7.14	40.1		
-	2	0.276	-	7.01	38.6		
-	-	0.266	17/64	6.76	35.9		
2	-	0.257	-	6.53	33.5		
-	3	0.252	-	6.40	32.2		
-	-	0.250	1/4	6.35	31.7		
-	-	0.234	15/64	5.94	27.7		
-	4	0.232	-	5.89	27.3		
3	-	0.229	-	5.82	26.6		
-	-	0.219	7/32	5.56	24.3		
-	5	0.212	-	5.38	22.7		
4	-	0.204	-	5.18	21.1		
-	-	0.203	13/64	5.16	20.9		
-	6	0.192	-	4.88	18.7		
-	-	0.188	3/16	4.78	18.0	133 x .014	
5	-	0.182	-	4.62	16.8		
-	7	0.176	-	4.47	15.7		
-	-	0.172	11/64	4.37	15.0		
6	-	0.162	-	4.11	13.3		
-	8	0.160	-	4.06	13.0	133 x .011	
-	-	0.156	5/32	3.96	12.3		
7	9	0.144	-	3.66	10.5		
-	-	0.141	9/64	3.58	10.1		
8	10	0.128	-	3.25	8.30		

* * For standard wires other conversion figures (OD , area, etc.) are only approximate as construction and exact dimensional data varies depending on wire manufacturer. However, figures shown are approximate and usually are adequate in the selection of wire stripping tools and equipment.

ENGINEERING INFORMATION

WIRE CHART



AMERICAN OR BROWN & SHARPE'S AWG	BRITISH STANDARD AWG	NOMINAL CONDUCTOR DIAMETER (0) (INCHES)	FRACTIONAL EQUIVALENT (INCHES)	NOMINAL CONDUCTOR DIAMETER (0) (MM)	CROSS SECTIONAL CONDUCTOR AREA SQ MM (MM2)	STANDARD WIRE CONSTRUCTION NUMBER OF STRANDS X DIAMETER OF STRANDS (INCHES) (MM)	
-	-	0.125	1/8	3.18	7.95	84 x 0.3	
-	11	0.116	-	2.95	6.84		
9	-	0.114	-	2.90	6.61		
-	-	0.109	7/64	2.77	6.03		
-	12	0.104	-	2.64	5.48		
10	-	0.102	-	2.59	5.27	105 x .010	65 x 0.3
-	-	0.094	3/32	2.39	4.49		
-	13	0.092	-	2.34	4.30	65 x .010	56 x 0.3
11	-	0.091	-	2.31	4.19		
12	-	0.081	-	2.06	3.33		
-	14	0.080	-	2.03	3.23	44 x .012	40 x 0.3
-	-	0.078	5/64	1.98	3.08	7 x .029	
13	15	0.072	-	1.83	2.63	37 x .012	35 x 0.3
14	16	0.064	-	1.63	2.09	41 x .010	63 x .2
-	-	0.063	1/16	1.60	2.01	40 x .010	
15	-	0.057	-	1.45	1.65		
-	17	0.056	-	1.42	1.58	26 x .010	30 x .25
16	-	0.051	-	1.30	1.33		19 x .30
-	18	0.048	-	1.22	1.17	16 x .012	37 x .0076
-	-	0.047	3/64	1.19	1.11		
17	-	0.045	-	1.14	1.02	14 x .012	32 x .2
18	19	0.040	-	1.02	0.82	16 x .010	7 x .4
19	20	0.036	-	0.91	0.65	19 x .0076	14 x .025
20	21	0.032	-	0.81	0.52	10 x .010	16 x .2
-	-	0.031	1/32	0.79	0.49		151 x .065
21	22	0.028	-	0.71	0.40	14 x .0076	7 x .010
22	-	0.025	-	0.64	0.32		
-	23	0.024	-	0.61	0.29	14 x .006	7 x .2
23	24	0.022	-	0.56	0.25		
24	25	0.020	-	0.51	0.20	7 x .008	
25	26	0.018	-	0.46	0.17	7 x .0063	
26	27	0.016	1/64	0.41	0.13		
-	28	0.015	-	0.38	0.11	14 x .004	
27	29	0.014	-	0.36	0.10	7 x .005	
28	-	0.013	-	0.33	0.09		

* * For standard wires other conversion figures (OD , area, etc.) are only approximate as construction and exact dimensional data varies depending on wire manufacturer. However, figures shown are approximate and usually are adequate in the selection of wire stripping tools and equipment.

• THREE LAKES, WI (715) 546-3070 • CONTACT LAKES PRECISION • EL PASO, TX (915) 856-6606 •
• EMAIL: BLADES@LAKESPRECISION.COM •

ENGINEERING INFORMATION

WIRE CHART



AMERICAN OR BROWN & SHARPE'S AWG	BRITISH STANDARD AWG	NOMINAL CONDUCTOR DIAMETER (0) (INCHES)	FRACTIONAL EQUIVALENT (INCHES)	NOMINAL CONDUCTOR DIAMETER (0) (MM)	CROSS SECTIONAL CONDUCTOR AREA SQ MM (MM2)	STANDARD WIRE CONSTRUCTION NUMBER OF STRANDS X DIAMETER OF STRANDS (INCHES) (MM)	
-	30	.0124	-	0.31	0.08	7 x .004	7 x .01
-	31	.0116	-	0.29	0.07		
29	-	.0112	-	0.28	0.06		
-	32	.0108	-	0.27	0.057		
30	33	.0100	-	0.25	0.049		
-	34	.0092	-	0.23	0.042	6 x .012	7 x .0031
31	-	.0089	-	0.22	0.038		
-	35	.0084	-	0.21	0.035		
32	-	.0079	-	0.20	0.031		
-	36	.0076	-	0.19	0.028		
33	-	.0071	-	0.18	0.025	7 x .0025	
-	37	.0068	-	0.17	0.023		
34	-	.0063	-	0.16	0.020		
-	38	.0060	-	0.15	0.018		
35	-	.0056	-	0.14	0.015		
-	39	.0052	-	0.13	0.013	7 x .002	
36	-	.0050	-	0.13	0.013		
-	40	.0048	-	0.12	0.011		
37	41	.0044	-	0.11	0.010		
38	42	.0039	-	0.10	0.008		
-	43	.0036	-	.091	0.007		
39	-	.0035	-	.089	0.006		
-	44	.0032	-	.081	0.005		
40	-	.0031	-	.079	0.005		
41	45	.0028	-	.071	0.004		
42	-	.0025	-	.064	0.003		
-	46	.0024	-	.061	0.003		
43	-	.0022	-	.056	0.002		
44	47	.0020	-	.051	0.002		
45	-	.0018	-	.046	0.002		
46	48	.0016	-	.041	0.001		
47	-	.0014	-	.036	0.001		
48	49	.0012	-	.030	0.001		
48	-	.0011	-	.028	0.001		
50	-	.0010	-	.025	0.001		

* * For standard wires other conversion figures (OD , area, etc.) are only approximate as construction and exact dimensional data varies depending on wire manufacturer. However, figures shown are approximate and usually are adequate in the selection of wire stripping tools and equipment.

• THREE LAKES, WI (715) 546-3070 • CONTACT LAKES PRECISION • EL PASO, TX (915) 856-6606 •
• EMAIL: BLADES@LAKESPRECISION.COM •

WIRE STRIPPING INFORMATION SHEET



WIRE STRIPPING INFORMATION SHEET

IN ORDER FOR LAKES PRECISION TO RECOMMEND THE CORRECT CUTTING AND STRIPPING BLADES FOR THE WIRE SAMPLES SUBMITTED, THE FOLLOWING INFORMATION IS REQUIRED:

COMPANY NAME _____

ADDRESS _____

PHONE NUMBER _____

FAX NUMBER _____

CONTACT NAME _____

DATE _____ REFERENCE PO# (IF ANY) _____

PROCESS INFORMATION CIRCLE ALL THAT APPLY

MACHINE MAKE:

AMP	EUBANKS	KOMAX	SHINMAYWA
ARTOS	FILOMAT	SCHÄFER / MEGOMAT	TOYOJAMCO
CARPENTER	KODERA	SCHLEUNIGER	OTHER _____

MACHINE MODEL & SERIAL # _____

STRIP LENGTH _____ SLIT LENGTH _____

DO YOU HAVE A CORD SLITTER OR PRE SLIT OPERATION? YES ____ NO ____

PROCESSING 1 END ONLY ____ BOTH ENDS ____

BLADE PREFERENCE (IF ANY):

V-BLADES _____ DIE BLADES _____ OTHER _____

DO YOU REQUIRE AN ASSEMBLY? YES ____ NO ____

PLEASE SEND TWO FEET OF THE SAMPLE WIRE AND LABEL THE SAMPLE. ALSO INCLUDE ANY SKETCHES OR DRAWINGS THAT MAY BE HELPFUL. THANK YOU FOR YOUR COOPERATION.

SEND A COPY OF THIS FORM AND YOUR WIRE SAMPLE TO:

WIRE SIZING DEPT. LAKES PRECISION INC.	PHONE: (715) 546-3070
1900 EPLER COURT PO BOX 630	FAX: (715) 546-2565
THREE LAKES, WI 54562	



LAKES PRECISION^{INC.}

Your Global Source for Wire Processing Perishable Tooling

AMP MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR THE FOLLOWING MACHINE SERIES:

- ☐ CLS
- ☐ CLS IV
- ☐ CLS IV +

- ☐ IV-A
- ☐ AM-4
- ☐ STRIPPER

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AMP CLS MACHINE SERIES

TANGENT ANGLE “V” BLADES CLASS: TA-V

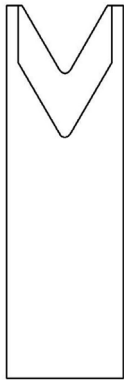
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



**LPI-812285 &
LPI-1-812285**

ITEM NUMBER	THICKNESS	DESCRIPTION
LPI-812285-7	.125	V022 LONG
LPI-812285-8	.062	V022 SHORT
LPI-1-812285-2	.047	V022 SHORT
LPI-812285-5	.125	V042 LONG
LPI-812285-6	.062	V042 SHORT
LPI-1-812285-1	.047	V042 SHORT
LPI-1-812285-6	.041	V-042SHORT

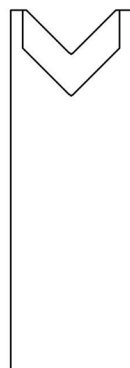
ITEM NUMBER	THICKNESS	DESCRIPTION
LPI-812285-3	.125	V062 LONG
LPI-812285-4	.062	V062 SHORT
LPI-1-812285-5	.041	V062 SHORT
LPI-812285-1	.125	V112 LONG
LPI-812285-2	.062	V112 SHORT
LPI-1-812285-3	.125	V172 LONG
LPI-1-812285-4	.062	V172 SHORT

UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- *TC Coating Available* -



LPI-812284

THICKNESS	ITEM NUMBER	DESCRIPTION
.0410	LPI-812284-4	UNIVERSAL CUT-OFF
.0470	LPI-812284-3	UNIVERSAL CUT-OFF
.0620	LPI-812284-1	UNIVERSAL CUT-OFF
.1245	LPI-812284-2	UNIVERSAL CUT-OFF

AMP CLS MACHINE SERIES

DUAL FORM UNIVERSAL CUT-OFF BLADES CLASS: UN-V

UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -



122856

THICKNESS	ITEM NUMBER	DESCRIPTION
.0620	122856-1	30 DEGREE DUAL CUT-OFF BLADE
.1245	122856-2	30 DEGREE DUAL CUT-OFF BLADE
.0470	122856-3	30 DEGREE DUAL CUT-OFF BLADE
.0410	122856-4	30 DEGREE DUAL CUT-OFF BLADE

AMP CLS IV MACHINE SERIES

TRU-RADIUS “V” STRIP BLADES (FIXED BLADE MODE)

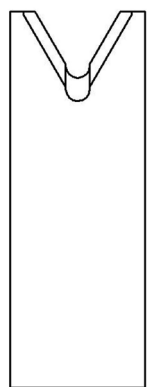
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

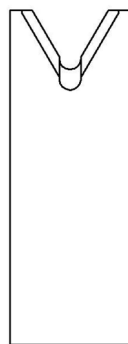
Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122709-XX
LONG THICK



122708-XX
SHORT THIN

122708-XX SHORT BLADE
122709-XX LONG BLADE

INCH DIA SIZE	ITEM NUMBER	DESCRIPTION
.024	122708-024	TR-V SHORT BLADE
.024	122709-024	TR-V LONG BLADE
.028	122708-028	TR-V SHORT BLADE
.028	122709-028	TR-V LONG BLADE
.039	122708-039	TR-V SHORT BLADE
.039	122709-039	TR-V LONG BLADE
.042	122708-042	TR-V SHORT BLADE
.042	122709-042	TR-V LONG BLADE
.047	122708-047	TR-V SHORT BLADE
.047	122709-047	TR-V LONG BLADE
.055	122708-055	TR-V SHORT BLADE
.055	122709-055	TR-V LONG BLADE
.067	122708-067	TR-V SHORT BLADE
.067	122709-067	TR-V LONG BLADE
.078	122708-078	TR-V SHORT BLADE
.078	122709-078	TR-V LONG BLADE
.090	122708-090	TR-V SHORT BLADE

INCH DIA SIZE	ITEM NUMBER	DESCRIPTION
.090	122709-090	TR-V LONG BLADE
.102	122708-102	TR-V SHORT BLADE
.102	122709-102	TR-V LONG BLADE
.112	122708-112	TR-V SHORT BLADE
.112	122709-112	TR-V LONG BLADE
.125	122708-125	TR-V SHORT BLADE
.125	122709-125	TR-V LONG BLADE
.140	122708-140	TR-V SHORT BLADE
.140	122709-140	TR-V LONG BLADE
.152	122708-152	TR-V SHORT BLADE
.152	122709-152	TR-V LONG BLADE
.160	122708-160	TR-V SHORT BLADE
.160	122709-160	TR-V LONG BLADE
.175	122708-175	TR-V SHORT BLADE
.175	122709-175	TR-V LONG BLADE
.200	122708-200	TR-V SHORT BLADE
.200	122709-200	TR-V LONG BLADE

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• EMAIL: BLADES@LAKESPRECISION.COM •

AMP CLS IV MACHINE SERIES

DUAL FORM UNIVERSAL STRIP BLADES CLASS: UN-V

UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



123225

THICKNESS	ITEM NUMBER	DESCRIPTION
.0620	123225-1	30 DEGREE UN-V DUAL
.1245	123225-2	30 DEGREE UN-V DUAL

AMP CLS IV + MACHINE SERIES

UNIVERSAL STRIP & CUT-OFF BLADES (UN-V MACHINE MODE)

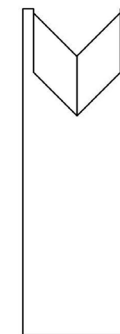
UNIVERSAL ENTRY ANGLE STRIP BLADE

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most standard wall insulations but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -

INCH DIA SIZE	ITEM NUMBER	OEM #	DESCRIPTION
.020	122575-1	-----	UN-V STRIP .062 THIN
.020	122575-2	-----	UN-V STRIP .1245 THICK
.032	122575-3	356553-1	UN-V STRIP .062 THIN
.032	122575-4	356553-2	UN-V STRIP .1245 THICK



122575

UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

THICKNESS	ITEM NUMBER	DESCRIPTION
.1245	844764-5	UNIVERSAL CUT-OFF



844764

AMP CLS IV + MACHINE SERIES

UNIVERSAL STRIP & CUT-OFF BLADES (UN-V DUAL FORM MODE)

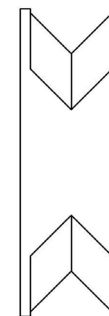
UNIVERSAL ENTRY ANGLE STRIP BLADE

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing vertex radius. It works sufficiently for most standard wall insulations but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -

INCH DIA SIZE	ITEM NUMBER	DESCRIPTION
.020	122855-1	UN-V STRIP .062 THIN
.020	122855-2	UN-V STRIP .1245 THICK
.032	122855-3	UN-V STRIP .062 THIN
.032	122855-4	UN-V STRIP .1245 THICK



122855

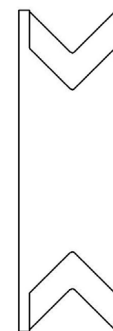
UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

THICKNESS	ITEM NUMBER	DESCRIPTION
.1245	122856-5	UNIVERSAL CUT-OFF



122856

UNI-V UNIVERSAL STRIP BLADE

The sharp edge is ground to an arc that has a small radius. The entry angle lines meet the arc at a tangent point. Unique to this from is an auxiliary angle that intersects the entry angle. This results in greater insulation penetration and a better strip. This patented blade type allows wire sizes from 26 awg to 10 awg to be processed using a single set of blades.

- *TC Coating Available* -



123220-XX

DEGREE	ITEM NUMBER	DESCRIPTION
30	123220-1	SHORT THIN BLADE
30	123220-2	LONG THICK BLADE
20	123220-3	SHORT THIN BLADE
20	123220-4	LONG THICK BLADE

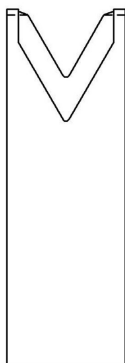
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



844765-XX

1 SHORT BLADE (S) &
1 LONG BLADE (L) = PAIR

INCH DIA SIZE	ITEM NUMBER	DESCRIPTION
.012	2-844765-1	V012S SHORT
.012	2-844765-2	V012L LONG
.022	1-844765-9	V022S SHORT
.022	2-844765-0	V022L LONG
.022	2-844765-5	V022S SPECIAL
.022	3-844765-0	V022S SPECIAL
.034	844765-1	V034S SHORT
.034	844765-2	V034L LONG
.034	2-844765-4	V034S SPECIAL
.034	2-844765-9	V034S SPECIAL
.042	844765-3	V042S SHORT
.042	844765-4	V042L LONG
.042	2-844765-3	V042S SPECIAL
.042	2-844765-8	V042S SPECIAL
.052	844765-5	V052S SHORT

INCH DIA SIZE	ITEM NUMBER	DESCRIPTION
.052	844765-6	V052L LONG
.052	2-844765-7	V052S SPECIAL
.062	844765-7	V062S SHORT
.062	844765-8	V062L LONG
.062	2-844765-6	V062S SPECIAL
.076	844765-9	V076S SHORT
.076	1-844765-0	V076L LONG
.096	1-844765-1	V096S SHORT
.096	1-844765-2	V096L LONG
.112	1-844765-3	V112S SHORT
.112	1-844765-4	V112L LONG
.172	1-844765-5	V172S SHORT
.172	1-844765-6	V172L LONG
.222	1-844765-7	V222S SHORT
.222	1-844765-8	V222L LONG

UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -



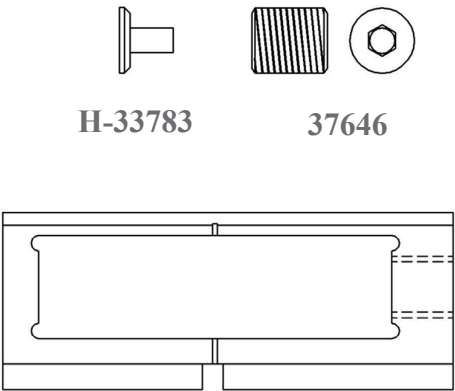
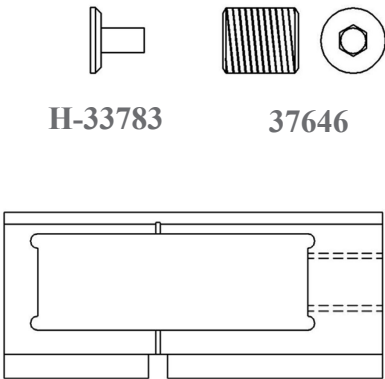
844764-XX

THICKNESS	ITEM NUMBER
.0410	844764-4
.0470	844764-3
.0620	844764-1
.1245	844764-2

TOOLHOLDERS

Purchase choices range from a complete assembly, with spacers, to a single toolholder, individual screw or nut. For an assembly with pre-installed blades for your specific application, please contact sales for further information.

ITEM NUMBER	DESCRIPTION
122205	TOOLHOLDER WITH SCREW AND WASHER
123159	TOOLHOLDER WITH SCREW AND WASHER
5-120213	SPACER SET



AMP IV-A MACHINE SERIES

TANGENT ANGLE “V” BLADES CLASS: TA-V

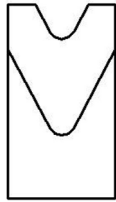
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



LPI-467651-XX

ITEM NUMBER	INCLUDED ANGLE	THICKNESS	DESCRIPTION
LPI-467651-1	60 DEGREE	THIN	V034 STRIP
LPI-467651-2	60 DEGREE	THIN	V042 STRIP
LPI-1-467651-0	50 DEGREE	THIN	V052 STRIP
LPI-467651-10	60 DEGREE	THIN	V062 STRIP
LPI-467651-3	70 DEGREE	THIN	V062 STRIP
LPI-467651-4	55 DEGREE	THIN	V096 STRIP
LPI-467651-7	55 DEGREE	THICK	V096 STRIP
LPI-467651-5	48 DEGREE	THIN	V112 STRIP
LPI-467651-8	48 DEGREE	THICK	V112 STRIP
LPI-467651-6	40 DEGREE	THIN	V172 STRIP
LPI-467651-9	40 DEGREE	THICK	V172 STRIP

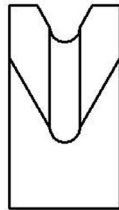
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- *TC Coating Available* -



122574-XX

INCH DIA SIZE	ITEM NUMBER	DESCRIPTION
0.039	122574-1	TR-V 039 THIN
0.047	122574-2	TR-V 047 THIN
0.055	122574-3	TR-V 055 THIN
0.067	122574-4	TR-V 067 THIN
0.078	122574-5	TR-V 078 THIN
0.102	122574-6	TR-V 102 THIN
0.102	122574-7	TR-V 102 THICK

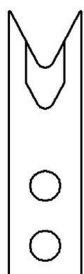
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



463310-XX

2 PIECES = 1 PAIR

ITEM NUMBER	DESCRIPTION	GAUGE SIZE
463310-9	V020 STRIP	28
463310-8	V024 STRIP	26
463310-7	V030 STRIP	24
463310-6	V036 STRIP	22
463310-5	V046 STRIP	20
463310-4	V056 STRIP	18
463310-3	V066 STRIP	16
463310-2	V084 STRIP	14
463310-1	V104 STRIP	12

UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -



LPI-467647

THICKNESS	ITEM NUMBER
.0620	LPI-467647-1
.1245	LPI-467647-2

AMP STRIPPER MACHINE SERIES

UNIVERSAL CUT / STRIP BLADES CLASS: UN-V

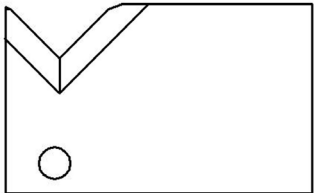


UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



123194

ITEM NUMBER	OEM #	DESCRIPTION
123194	952859-1	UN-V CUT / STRIP



LAKES PRECISION^{INC.}

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ARNO FUCHS MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR THE ARNOS FUCHS FE400 BENCH MACHINE SERIES

Your Global Source for Wire Processing Perishable Tooling

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ARNO FUCHS FE400 BENCH MACHINE SERIES

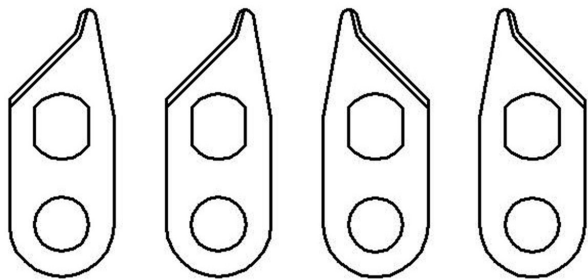
SPECIAL APPLICATION / 4 PIECE BLADE SET



For more information on these blades, please contact Lakes Precision, Inc.

- TC Coating Available -

DIA MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
-----	5-123270	400450-VN30-021-1000	4 PIECE BLADE SET



5-123270

5-123270 CONSISTS OF 2PCS. 123268 & 2PCS. 123269



LAKES PRECISION^{INC.}

Your Global Source for Wire Processing Perishable Tooling

ARTOS MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR THE FOLLOWING MACHINE SERIES:

☐ STANDARD	☐ MTX	☐ CS-336 & CS-337
☐ X-STYLE	☐ CR-11 / CR-22	
☐ BD-4	☐ CS-7	
☐ CS-326	☐ AM-1, AM-2, AM-3, AM-015 & AM ALL-ROUND	
☐ CS-326 / 600 AUTO ADJUST	☐ CS-36 & CS-37	
☐ CS-327	☐ CS-330	

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ARTOS STANDARD MACHINE SERIES

TANGENT RADIUS "V" STRIP BLADES (15 DEGREE) CLASS: TA-V

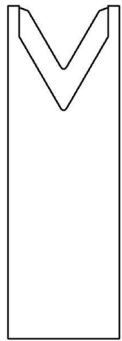
TANGENT RADIUS "V" STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



86777- XX

WIRE GUAGE	ITEM NUMBER	DESCRIPTION
28/30/32	86777-21	V-012S TA-V
28/30/32	86777-22	V-012L TA-V
24/26/28	86777-19	V-022S TA-V
24/26/28	86777-20	V-022L TA-V
22	86777-1	V-034S TA-V
22	86777-2	V-034L TA-V
20	86777-3	V-042S TA-V
20	86777-4	V-042L TA-V
18	86777-5	V-052S TA-V
18	86777-6	V-052L TA-V
16	86777-7	V-062S TA-V

WIRE GUAGE	ITEM NUMBER	DESCRIPTION
16	86777-8	V-062L TA-V
14	86777-9	V-076S TA-V
14	86777-10	V-076L TA-V
12	86777-11	V-096S TA-V
12	86777-12	V-096L TA-V
10	86777-13	V-112S TA-V
10	86777-14	V-112L TA-V
6/8	86777-15	V-172S TA-V
6/8	86777-16	V-172L TA-V
4	86777-17	V-222S TA-V
4	86777-18	V-222L TA-V

ARTOS STANDARD MACHINE SERIES

TANGENT RADIUS "V" STRIP BLADES (20 DEGREE) CLASS: TA-V

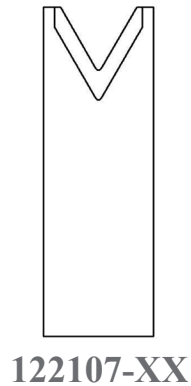
TANGENT RADIUS "V" STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



WIRE GUAGE	ITEM NUMBER	DESCRIPTION
28/30/32	122107-21	V-012S TA-V
28/30/32	122107-22	V-012L TA-V
24/26/28	122107-19	V-022S TA-V
24/26/28	122107-20	V-022L TA-V
22	122107-1	V-034S TA-V
22	122107-2	V-034L TA-V
20	122107-3	V-042S TA-V
20	122107-4	V-042L TA-V
18	122107-5	V-052S TA-V
18	122107-6	V-052L TA-V
16	122107-7	V-062S TA-V

WIRE GUAGE	ITEM NUMBER	DESCRIPTION
16	122107-8	V-62L TA-V
14	122107-9	V-076S TA-V
14	122107-10	V-076L TA-V
12	122107-11	V-096S TA-V
12	122107-12	V-096L TA-V
10	122107-13	V-112S TA-V
10	122107-14	V-112L TA-V
6/8	122107-15	V-172S TA-V
6/8	122107-16	V-172L TA-V
4	122107-17	V-222A TA-V
4	122107-18	V-222L TA-V

ARTOS STANDARD MACHINE SERIES

TANGENT RADIUS "V" STRIP BLADES (20 DEGREE) CLASS: TA-V

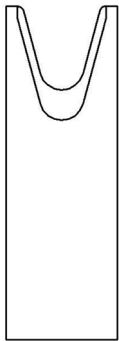
TANGENT RADIUS "V" STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



122117- XX

ITEM NUMBER	DESCRIPTION
122117-5	V-134S TA-V
122117-6	V-134L TA-V
122117-7	V-134A TA-V
122117-8	V-156S TA-V
122117-9	V-156L TA-V
122117-10	V-250S TA-V

ITEM NUMBER	DESCRIPTION
122117-1	V-250A TA-V
122117-2	V-250L TA-V
122117-3	V-312A TA-V
122117-4	V-312L TA-V
122117-13	V350A TA-V
122117-14	V350L TA-V

ARTOS STANDARD MACHINE SERIES

TANGENT RADIUS "V" STRIP BLADES (15 DEGREE) CLASS: TA-V

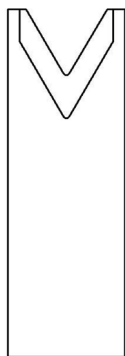
THIN TYPE TANGENT RADIUS "V" STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



122038- XX

WIRE GUAGE	ITEM NUMBER	THICKNESS	DESCRIPTION
28/30/32	122038-21	.031	V-012FS TA-V
28/30/32	122038-22	.031	V-012FL TA-V
24/26/28	122038-19	.031	V-022FS TA-V
24/26/28	122038-20	.031	V-022FL TA-V
22	122038-1	.031	V-034FS TA-V
22	122038-2	.031	V-034FL TA-V
20	122038-3	.031	V-042FS TA-V
20	122038-4	.031	V-042FL TA-V
18	122038-5	.031	V-052FS TA-V
18	122038-6	.031	V-052FL TA-V
16	122038-7	.031	V-062FS TA-V

WIRE GUAGE	ITEM NUMBER	THICKNESS	DESCRIPTION
16	122038-8	.031	V-062FL TA-V
14	122038-9	.031	V-076FS TA-V
14	122038-10	.031	V-076FL TA-V
12	122038-11	.031	V-096FS TA-V
12	122038-12	.031	V-096FL TA-V
10	122038-13	.031	V-112FS TA-V
10	122038-14	.031	V-112FL TA-V
6/8	122038-15	.031	V-172FS TA-V
6/8	122038-16	.031	V-172FL TA-V
4	122038-17	.031	V-222FS TA-V
4	122038-18	.031	V-222FL TA-V

ARTOS STANDARD MACHINE SERIES

TANGENT RADIUS "V" DUAL FORM STRIP BLADES (20 DEGREE) CLASS: TA-V

TANGENT RADIUS "V" STRIP BLADES

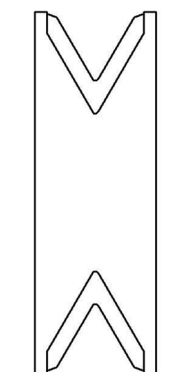
The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

S = SHORT / THICK & L = LONG / THIN

- TC Coating Available -



120457-XX

WIRE GUAGE	ITEM NUMBER	DESCRIPTION
28/30/32	120457-21	V-012S TA-V
28/30/32	120457-22	V-012L TA-V
24/26/28	120457-19	V-022S TA-V
24/26/28	120457-20	V-022L TA-V
22	120457-1	V-034S TA-V
22	120457-2	V-034L TA-V
20	120457-3	V-042S TA-V
20	120457-4	V-042L TA-V
18	120457-5	V-052S TA-V
18	120457-6	V-052L TA-V
16	120457-7	V-062S TA-V

WIRE GUAGE	ITEM NUMBER	DESCRIPTION
16	120457-8	V-062L TA-V
14	120457-6	V-076S TA-V
14	120457-10	V-076L TA-V
12	120457-11	V-096S TA-V
12	120457-12	V-096L TA-V
10	120457-13	V-112S TA-V
10	120457-14	V-112L TA-V
6/8	120457-*15	V-175A TA-V
6/8	120457-16	V-175L TA-V
4	120457-17	V-222A TA-V
4	120457-18	V-222L TA-V

ARTOS STANDARD MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES (30 DEGREE) CLASS: TA-V

TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



122350-XX

WIRE GUAGE	ITEM NUMBER	DESCRIPTION
16/18	122350-1	V-062S TA-V
16/18	122350-2	V-062L TA-V
14	122350-3	V-076S TA-V
14	122350-4	V-076L TA-V
10	122350-5	V-112S TA-V
10	122350-6	V-112L TA-V
6/8	122350-7	V-172S TA-V

WIRE GUAGE	TEM NUMBER	DESCRIPTION
6/8	122350-8	V-172A TA-V
6/8	122350-9	V-172L TA-V
4	122350-10	V-222S TA-V
4	122350-11	V-222A TA-V
4	122350-12	V-222L TA-V
2	122350-13	V-250A TA-V
2	122350-14	V-250L TA-V

ARTOS STANDARD MACHINE SERIES

WIDE 20 DEGREE TRU-RADIUS STRIP BLADES CLASS: TR-V



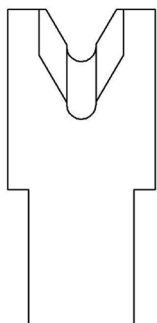
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123339-X

DIA SIZE	ITEM NUMBER	DESCRIPTION
.039	123339-1	V-039S TR-V
.039	123339-2	V-039L TR-V
.043	123339-3	V-043S TR-V
.043	123339-4	V-043L TR-V
.047	123339-5	V-047S TR-V
.047	123339-6	V-047L TR-V
.055	123339-7	V-055S TR-V
.055	123339-8	V-055L TR-V
.067	123339-9	V-067S TR-V
.067	123339-10	V-067L TR-V
.072	123339-11	V-072S TR-V
.072	123339-12	V-072L TR-V
.078	123339-13	V-078S TR-V
.078	123339-14	V-078L TR-V
.088	123339-15	V-088S TR-V
.088	123339-16	V-088L TR-V
.090	123339-17	V-090S TR-V

DIA SIZE	ITEM NUMBER	DESCRIPTION
.090	123339-18	V-090L TR-V
.095	123339-47	V-095S TR-V
.095	123339-48	V-095L TR-V
.102	123339-19	V-102S TR-V
.102	123339-20	V-102L TR-V
.112	123339-21	V-112S TR-V
.112	123339-22	V-112L TR-V
.120	123339-23	V-0120S TR-V
.120	123339-24	V-120L TR-V
.125	123339-25	V-125S TR-V
.125	123339-26	V-125L TR-V
.140	123339-27	V-140S TR-V
.140	123339-28	V-140L TR-V
.155	123339-49	V-155S TR-V
.155	123339-50	V-155L TR-V
.160	123339-29	V-160S TR-V
.160	123339-30	V-160L TR-V

DIA SIZE	ITEM NUMBER	DESCRIPTION
.170	123339-31	V-170S TR-V
.170	123339-32	V-170L TR-V
.175	123339-33	V-175S TR-V
.175	123339-34	V-175L TR-V
.185	123339-35	V-185S TR-V
.185	123339-36	V-185L TR-V
.190	123339-37	V-190S TR-V
.190	123339-38	V-190L TR-V
.200	123339-39	V-200S TR-V
.200	123339-40	V-200L TR-V
.205	123339-41	V-205S TR-V
.205	123339-42	V-205L TR-V
.220	123339-43	V-220S TR-V
.220	123339-44	V-220L TR-V
.270	123339-45	V-270S TR-V
.270	123339-46	V-270L TR-V

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• EMAIL: BLADES@LAKESPRECISION.COM •

ARTOS STANDARD MACHINE SERIES

TRU-RADIUS STRIP BLADES CLASS: TR-V



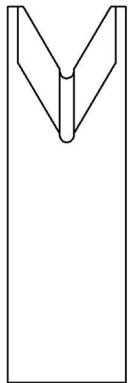
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122122-XX

DIA SIZE	ITEM NUMBER	DESCRIPTION
.022	122122-58	V-022S TR-V
.022	122122-59	V-022L TR-V
.033	122122-56	V-033S TR-V
.033	122122-57	V-033L TR-V
.039	122122-1	V-039S TR-V
.039	122122-13	V-039FS TR-V
.039	122122-2	V-039L TR-V
.047	122122-3	V-047S TR-V
.047	122122-14	V-047FS TR-V
.047	122122-4	V-047L TR-V
.055	122122-5	V-055S TR-V
.055	122122-15	V-055FS TR-V
.055	122122-6	V-055L TR-V
.060	122122-43	V-060S TR-V
.060	122122-44	V-060L TR-V
.067	122122-7	V-067S TR-V
.067	122122-16	V-067FS TR-V
.067	122122-8	V-067L TR-V
.078	122122-9	V-078S TR-V
.078	122122-17	V-078FS TR-V
.078	122122-10	V078L TR-V

DIA SIZE	ITEM NUMBER	DESCRIPTION
.086	122122-54	V-086S TR-V
.086	122122-55	V-086L TR-V
.090	122122-47	V-090S TR-V
.090	122122-48	V-090L TR-V
.096	122122-49	V-096S TR-V
.096	122122-50	V-096L TR-V
.096	122122-53	V-096L TR-V
.102	122122-11	V-102S TR-V
.102	122122-18	V-102FS TR-V
.102	122122-12	V-102L TR-V
.112	122122-19	V-112S TR-V
.112	122122-20	V-112L TR-V
.125	122122-21	V-125S TR-V
.125	122122-22	V-125L TR-V
.132	122122-60	V-132S TR-V
.132	122122-61	V-132L TR-V
.140	122122-23	V-140A TR-V
.140	122122-24	V-140L TR-V
.152	122122-25	V-152A TR-V
.152	122122-26	V-152L TR-V

DIA SIZE	ITEM NUMBER	DESCRIPTION
.160	122122-27	V-160A TR-V
.160	122122-28	V-160L TR-V
.172	122122-51	V-172A TR-V
.172	122122-52	V-172L TR-V
.175	122122-29	V-175A TR-V
.175	122122-30	V-175L TR-V
.180	122122-45	V-180A TR-V
.180	122122-46	V-180L TR-V
.190	122122-31	V-190A TR-V
.190	122122-32	V-190L TR-V
.200	122122-33	V-200S TR-V
.200	122122-34	V-200L TR-V
.210	122122-35	V-210A TR-V
.210	122122-36	V-210L TR-V
.220	122122-37	V-220A TR-V
.220	122122-38	V-220L TR-V
.230	122122-39	V-230A TR-V
.230	122122-40	V-2130L TR-V
.240	122122-41	V-240A TR-V
.240	122122-42	V-240L TR-V

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ARTOS STANDARD MACHINE SERIES

TRU-RADIUS DUAL FORM STRIP BLADES (20 DEGREE) CLASS: TR-V

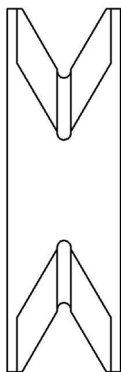
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122410-XX

DIA SIZE	ITEM NUMBER	DESCRIPTION
.039	122410-1	039S TR-V
.039	122410-13	039FS TR-V
.039	122410-2	039L TR-V
.047	122410-3	047S TR-V
.047	122410-14	047FS TR-V
.047	122410-4	047L TR-V
.055	122410-5	055S TR-V
.055	122410-15	055FS TR-V
.055	122410-6	055L TR-V
.067	122410-7	067S TR-V
.067	122410-16	067FS TR-V

DIA SIZE	ITEM NUMBER	DESCRIPTION
.067	122410-8	067L TR-V
.078	122410-9	078S TR-V
.078	122410-17	078FS TR-V
.078	122410-10	078L TR-V
.102	122410-11	102S TR-V
.102	122410-18	102FS TR-V
.102	122410-12	102L TR-V
.125	122410-19	125S TR-V
.125	122410-20	125L TR-V
.152	122410-21	152S TR-V
.152	122410-22	152L TR-V

ARTOS STANDARD MACHINE SERIES

TANGENT RADIUS “V” CUT-OFF BLADES CLASS: TA-V

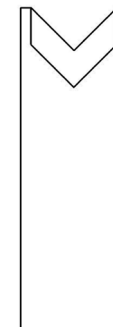
TANGENT ANGLE CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
C-2681-2	CL CUT-OFF BLADE
C-2681-1	CLA CUT-OFF BLADE
C-2681-10	CLT CUT-OFF BLADE
C-2681-10-D2	CLT-D2 CUT-OFF BLADE
C-2681-8	CLS CUT-OFF BLADE
C-2681-9	DCL CUT-OFF BLADE



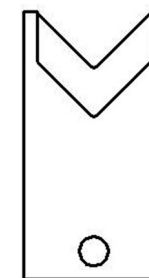
CUT-OFF BLADE

TANGENT ANGLE CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -



40532
FOR CS-9AT ONLY

ARTOS STANDARD MACHINE SERIES

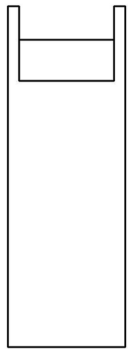
COLLINEAR ANGLE CUT-OFF BLADES CLASS: CL-A

COLLINEAR ANGLE CUT-OFF BLADE

Sharp edge is ground to a flat collinear angle.

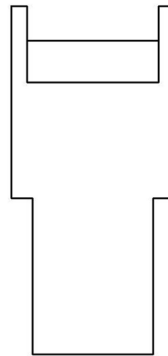
Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -



C-2670-3

**STANDARD
CUT-OFF**



C-2670-7

**WIDE
CUT-OFF**

ITEM NUMBER	DESCRIPTION
C-2670-6	SC CUT-OFF
C-2670-3	SCA CUT-OFF
C-2670-4	SCT CUT-OFF
C-2670-4-D2	SCT CUT-OFF D2
C-2670-5	DSC CUT-OFF
C-2670-7	WSCA CUT-OFF
C-2670-12	WSC CUT-OFF

ARTOS STANDARD MACHINE SERIES

HEAVY DUTY & STEEL CABLE CUT-OFF BLADES

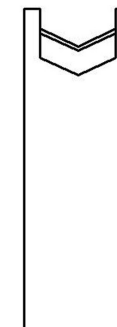
HEAVY DUTY CUT-OFF BLADE

The sharp edge is ground at an angle that results in a “V” opening above 90 degrees. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edge cut by slicing, creating a gradual cut. The wide angle allows for a wider range of wire sizes to be cut with the same blades. This type of cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
SK-393	HEAVY DUTY CUT-OFF BLADE



SK-393

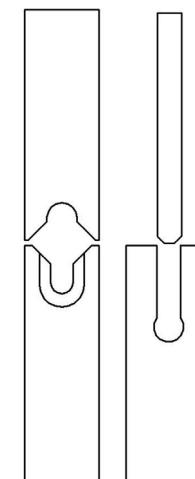
STEEL CABLE CUT- OFF

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

DIAMETER	ITEM NUMBER	MATERIAL	DESCRIPTION
.104	SK-394-1A&2A	A2 STEEL	STEEL WIRE CABLE
.187	SK-394-1B&2B	A2 STEEL	STEEL WIRE CABLE
.250	SK-394-1C&2C	A2 STEEL	STEEL WIRE CABLE
.062	SK-394-1D&2D	A2 STEEL	STEEL WIRE CABLE
.187	SK-394-1E&2E	A2 STEEL	STEEL WIRE CABLE
.104	SK-394-1F&2F	D2 STEEL	STEEL WIRE CABLE
.130	SK-394-1G&2G	A2 STEEL	STEEL WIRE CABLE
.312	SK-394-1H&2H	A2 STEEL	STEEL WIRE CABLE
.187	SK-394-1I&2I	D2 STEEL	STEEL WIRE CABLE



SK-394-1&2 “XX”

• THREE LAKES, WI (715) 546-3070 • **CONTACT LAKES PRECISION** • EL PASO, TX (915) 856-6606 •

• EMAIL: BLADES@LAKESPRECISION.COM •

ARTOS STANDARD MACHINE SERIES

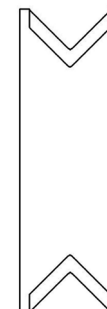
DUAL FORM CUT-OFF BLADES

UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire. - *TC Coating Available* -

ITEM NUMBER	DESCRIPTION
120462	CL DUAL FORM CUT-OFF



120462

UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- *TC Coating Available* -

ITEM NUMBER	DESCRIPTION
122051-1	CLA DUAL FORM CUT-OFF
122051-2	CLT DUAL FORM CUT-OFF



122051

ARTOS STANDARD MACHINE SERIES

WIDE ENTRY ANGLE CUT-OFF CLASS: WE-A

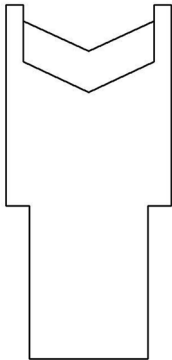


WIDE ENTRY ANGLE CUT-OFF

The sharp edge is ground at an angle that results in a “V” opening above 90 degrees. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edge cut by slicing, creating a gradual cut. The wide angle allows for a wider range of wire sizes to be cut with the same blades. This type of cut-off is best used with circular shaped wire.

- TC Coating Available -



36931

ITEM NUMBER	DESCRIPTION
36931	WCLA WE-A CUT-OFF

ARTOS STANDARD MACHINE SERIES

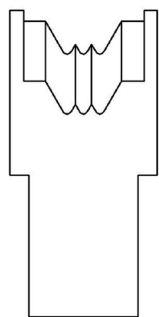
MULTI-CONDUCTOR STRIP BLADES CLASS: TA-V



- FOR MORE INFORMATION ON THESE BLADES, PLEASE CONTACT
LAKES PRECISION, INC.

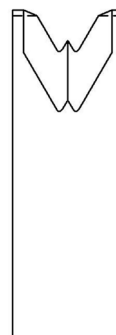
- SEND WIRE SAMPLES TO LAKES PRECISION, INC.

- *TC Coating Available* -



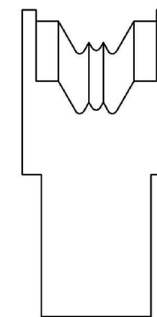
F-946-XX

3V MULTI CONDUCTOR TA-V
LONG & SHORT BLADE = PAIR



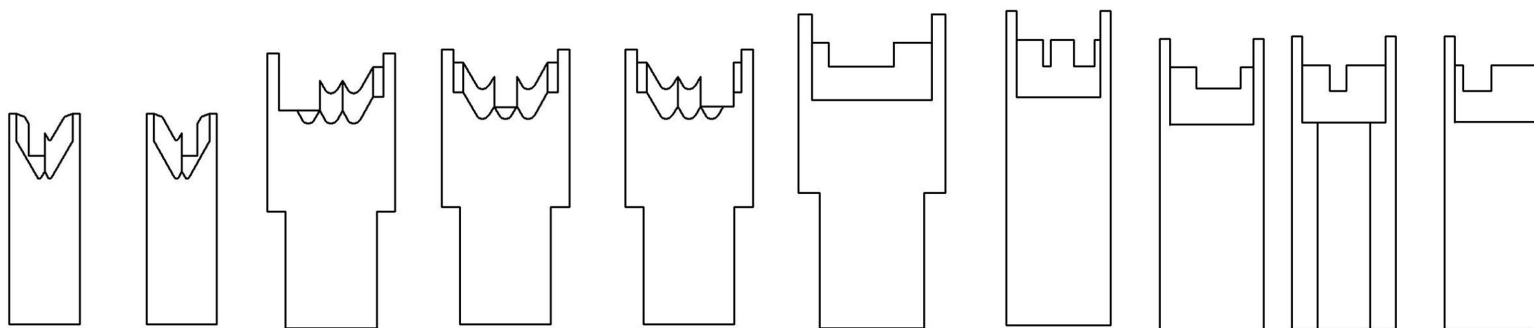
37615-XX

MULTI CONDUCTOR TA-V
LONG & SHORT BLADE = PAIR



F-948-XX

3V MULTI CONDUCTOR TA-V
LONG & SHORT BLADE = PAIR



CUT / STRIP & NOTCH BLADES

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ARTOS STANDARD MACHINE SERIES

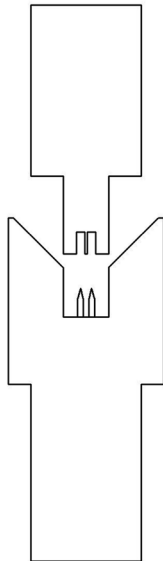
SLITTING BLOCKS & PUSHERS

WIRE SLITTER

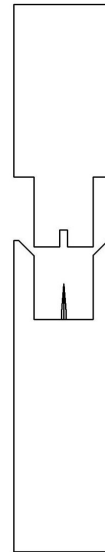
The wire splitter is used to slit multiple conductor wire, separating the individual conductors from each other. Wire slitters are fitted to the wire. For help in choosing the correct slitters for your application, please contact Lakes Precision, Inc.

- SEND WIRE SAMPLES TO LAKES PRECISION, INC. -

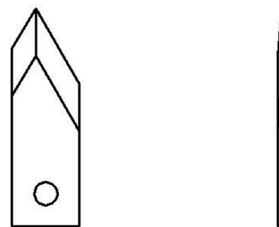
-X STYLE ALSO AVAILABLE - Please contact Lakes Precision Inc for more information



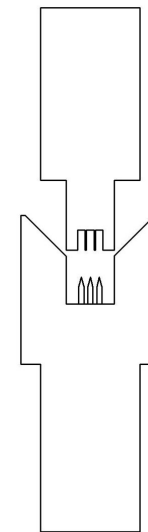
**5-115062-XX
3 CONDUCTOR**



**5-115061-XX
2 CONDUCTOR**



**H-22896
SLITTER KNIFE**



**5-115063-XX
4 CONDUCTOR**

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ARTOS STANDARD MACHINE SERIES

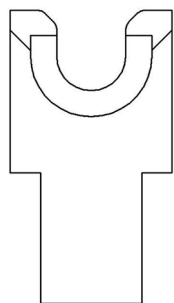
BI-PASS DIE TYPE BLADES

BI-PASS DIE TYPE BLADES

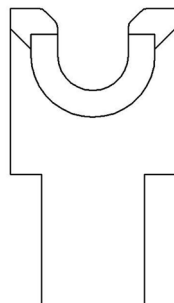
Die type blades are made for a specific wire sizes. The cutting edge is drilled to a specific size to closely match the conductor of the wire being processed. When the proper shut height is achieved, the blades will form a complete circle around the conductor, giving a very clean strip.

Normally this is the blade of choice for SJT, SVT, SJO, and most round multi-conductor wires.

- TC Coating Available -



87367-XX
LONG .125 THICK



87369-XX
SHORT .125 THICK

DIA SIZE	ITEM NUMBER	DESCRIPTION
.125	87367-19	LONG BL
.125	87369-19	SHORT BL
.156	87367-1	LONG BL
.156	87369-1	SHORT BL
.187	87367-2	LONG BL
.187	87369-2	SHORT BL
.205	87367-3	LONG BL
.205	87369-3	SHORT BL
.228	87367-4	LONG BL
.228	87369-4	SHORT BL
.234	87367-5	LONG BL
.234	87369-5	SHORT BL
.250	87367-6	LONG BL
.250	87369-6	SHORT BL
.266	87367-7	LONG BL
.266	87369-7	SHORT BL
.281	87367-8	LONG BL
.281	87369-8	SHORT BL
.312	87367-9	LONG BL

DIA SIZE	ITEM NUMBER	DESCRIPTION
.312	87369-9	SHORT BL
.343	87367-10	LONG BL
.343	87369-10	SHORT BL
.358	87367-11	LONG BL
.358	87369-11	SHORT BL
.366	87367-12	LONG BL
.366	87369-12	SHORT BL
.375	87367-13	LONG BL
.375	87369-13	SHORT BL
.386	87367-14	LONG BL
.386	87369-14	SHORT BL
.397	87367-15	LONG BL
.397	87369-15	SHORT BL
.406	87367-16	LONG BL
.406	87369-16	SHORT BL
.421	87367-17	LONG BL
.421	87369-17	SHORT BL
.437	87367-18	LONG BL
.437	87369-18	SHORT BL

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ARTOS STANDARD MACHINE SERIES

BI-PASS DIE TYPE BLADES

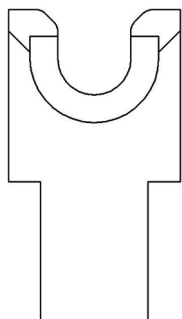


BI-PASS DIE TYPE BLADES

Die type blades are made for a specific wire sizes. The cutting edge is drilled to a specific size to closely match the conductor of the wire being processed. When the proper shut height is achieved, the blades will form a complete circle around the conductor, giving a very clean strip.

Normally this is the blade of choice for SJT, SVT, SJO, and most round multi-conductor wires.

- TC Coating Available -

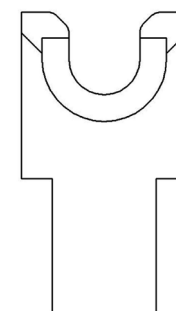


87370-XX
LONG .187 THICK

ARTOS STANDARD MACHINE SERIES

BI-PASS DIE BLADES

- ADDITIONAL PART NUMBER'S ON SUCCEEDING PAGE -



87371-XX
SHORT .187 THICK

ARTOS STANDARD MACHINE SERIES

BI-PASS DIE TYPE BLADES ADDITIONAL PART NUMBER'S



DIA SIZE	ITEM NUMBER	DESCRIPTION
.156	87370-1	LONG BLADE
.156	87371-1	SHORT BLADE
.177	87370-32	LONG BLADE
.177	87371-32	SHORT BLADE
.187	87370-2	LONG BLADE
.187	87371-2	SHORT BLADE
.196	87370-35	LONG BLADE
.196	87371-35	SHORT BLADE
.205	87370-3	LONG BLADE
.205	87371-3	SHORT BLADE
.210	87370-22	LONG BLADE
.210	87371-22	SHORT BLADE
.228	87370-4	LONG BLADE
.228	87371-4	SHORT BLADE
.234	87370-5	LONG BLADE
.234	87371-5	SHORT BLADE
.250	87370-6	LONG BLADE
.250	87371-6	SHORT BLADE
.257	87370-36	LONG BLADE
.257	87371-36	SHORT BLADE
.266	87370-7	LONG BLADE
.266	87371-7	SHORT BLADE
.272	87370-34	LONG BLADE
.272	87371-34	SHORT BLADE

DIA SIZE	ITEM NUMBER	DESCRIPTION
.281	87370-8	LONG BLADE
.281	87371-8	SHORT BLADE
.302	87370-31	LONG BLADE
.302	87371-31	SHORT BLADE
.312	87370-9	LONG BLADE
.312	87371-9	SHORT BLADE
.316	87370-33	LONG BLADE
.316	87371-33	SHORT BLADE
.323	87370-19	LONG BLADE
.323	87371-19	SHORT BLADE
.330	87370-27	LONG BLADE
.330	87371-27	SHORT BLADE
.343	87370-10	LONG BLADE
.343	87371-10	SHORT BLADE
.358	87370-11	LONG BLADE
.358	87371-11	SHORT BLADE
.366	87370-12	LONG BLADE
.366	87371-12	SHORT BLADE
.375	87370-13	LONG BLADE
.375	87371-13	SHORT BLADE
.386	87370-14	LONG BLADE
.386	87371-14	SHORT BLADE
.397	87370-15	LONG BLADE
.397	87371-15	SHORT BLADE

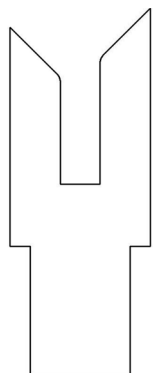
DIA SIZE	ITEM NUMBER	DESCRIPTION
.406	87370-16	LONG BLADE
.406	87371-16	SHORT BLADE
.421	87370-17	LONG BLADE
.421	87371-17	SHORT BLADE
.437	87370-18	LONG BLADE
.437	87371-18	SHORT BLADE
.453	87370-28	LONG BLADE
.453	87371-28	SHORT BLADE
.468	87370-29	LONG BLADE
.468	87371-29	SHORT BLADE
.484	87370-30	LONG BLADE
.484	87371-30	SHORT BLADE
.500	87370-20	LONG BLADE
.500	87371-20	SHORT BLADE
.515	87370-25	LONG BLADE
.515	87371-25	SHORT BLADE
.531	87370-21	LONG BLADE
.531	87371-21	SHORT BLADE
.562	87370-26	LONG BLADE
.562	87370-26	SHORT BLADE
.577	87370-23	LONG BLADE
.577	87371-23	SHORT BLADE
.657	87370-24	LONG BLADE
.657	87371-24	SHORT BLADE

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WIRE GUIDES

Wire guides are used in conjunction with cut and strip blades to precisely guide the conductor into the strip area of the blade. This will help prevent the conductor from coming in contact with the cutting edges of the strip blades, preventing premature strip blade wear.



87366-XX

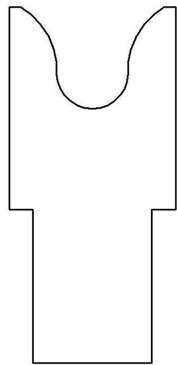
WIRE GUIDE SIZE	ITEM NUMBER
.062	87366-36
.086	87366-13
.093	87366-14
.104	87366-15
.110	87366-16
.116	87366-17
.125	87366-1
.136	87366-18
.145	87366-19
.156	87366-2
.172	87366-30
.187	87366-3
.196	87366-20
.205	87366-31
.218	87366-4
.234	87366-21
.242	87366-43
.250	87366-5
.266	87366-22

WIRE GUIDE SIZE	ITEM NUMBER
.274	87366-50
.281	87366-6
.290	87366-48
.300	87366-37
.305	87366-51
.312	87366-7
.328	87366-29
.335	87366-42
.344	87366-8
.350	87366-57
.359	87366-23
.367	87366-41
.375	87366-9
.386	87366-26
.392	87366-46
.398	87366-40
.406	87366-12
.415	87366-47
.421	87366-28

WIRE GUIDE SIZE	ITEM NUMBER
.425	87366-53
.437	87366-10
.445	87366-45
.453	87366-27
.468	87366-24
.475	87366-55
.484	87366-25
.500	87366-11
.520	87366-32
.531	87366-38
.540	87366-39
.550	87366-39
.562	87366-34
.578	87366-35
.595	87366-44
.605	87366-52
.630	87366-33
.640	87366-54
.680	87366-49

WIRE GUIDES

Wire guides are used in conjunction with cut and strip blades to precisely guide the conductor into the strip area of the blade. This will help prevent the conductor from coming in contact with the cutting edges of the strip blades, preventing premature strip blade wear.



123276-XX

DIA MM SIZE	ITEM NUMBER	MARK	DESCRIPTION
9.5	123276-1	-----	WWG - 375S
9.5	123276-2	-----	WWG - 375LT
11.4	123276-3	-----	WWG-450S
11.4	123276-4	-----	WWG450LT

DIE TYPE BLADES

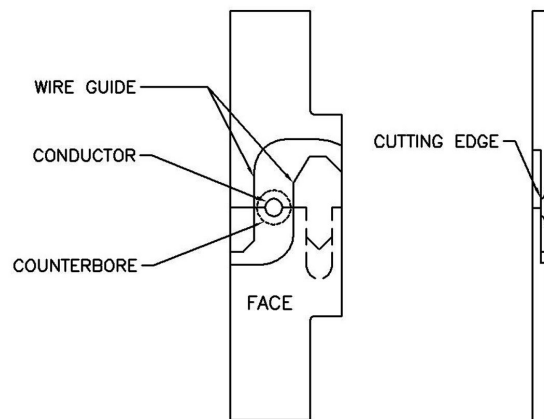
The die-type blade has a fixed shut height. The cutting edge is precisely drilled to an exact radius dimension for the conductor diameter. The insulation wall is contained in a counter-bore drilled around cutting edge.

This type of blade is the most exactly matched blade to the wire specification, giving a very precise insulation removal. This is excellent for removal of extremely thin insulation walls or where the outer jacket is oval shaped, and is also very useful for processing solid conductor insulated wire. Normally this is the blade of choice for [SJT](#), [SVT](#), [SJO](#), coaxial cable outer jacket removal, and many round multi-conductor wires.

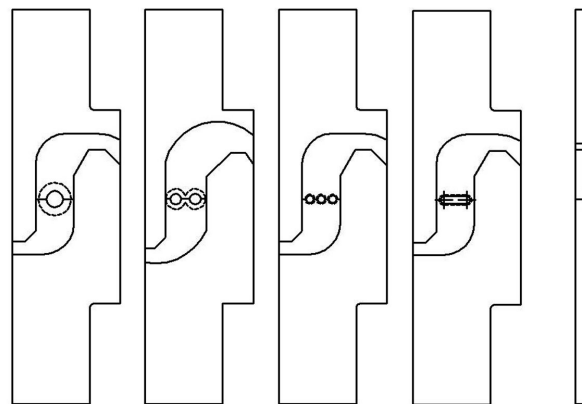
Die blades are manufactured to the exact wire specifications. Blades can be produced for most any wire.

- For a specific blade size or application, contact Lakes Precision, Inc.

- *TC Coating Available* -



STANDARD DIE BLADE SHOWN



SINGLE
COND.

TWO
COND.

THREE
COND.

OVAL
COND.

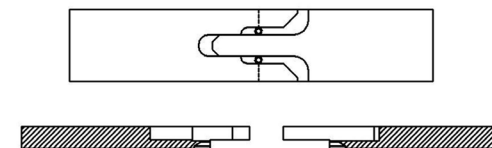
CUTTING EDGE MODIFIERS

MODIFIER	MEANING
NONE	STANDARD
"H"	SHARP
"R"	REVERSE
"C"	DIRECT CENTER
"Z"	REVERSE (CS-326)

DIE BLADE MODIFIERS

MODIFIER	MEANING
NONE	0.0035 / 0.0055
"H"	0.0020 / 0.0035

MAXIMUM DIFFERENCE OF 0.001
BETWEEN HALVES



TWIN DIE BLADE

DIE BLADE MODIFIERS

MODIFIER	MEANING
NONE	STANDARD
"A"	ASBESTOS MILL
"R"	REVERSE
"H"	SHARP
"P"	SPECIAL MILLING
"C"	DIRECT CENTER
"W"	HEAVY DUTY BLANK
"X"	EQUAL LENGTH (CS-26)
"Z"	REVERSE (CS-326)
"T"	TWIN DIE BLADE
"O"	OVAL DRILLED
"K"	SK-359 BLANK
"U"	UNEQUAL LENGTH
"A1"	AM-1 STYLE
"A2"	AM-2 STYLE

ARTOS STANDARD MACHINE SERIES

COLLINEAR OVAL DIE TYPE BLADES CLASS: CL-A

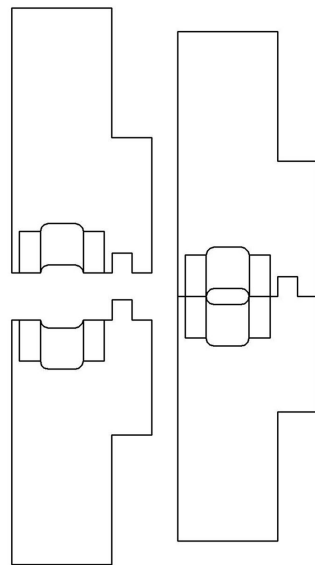
COLLINEAR OVAL TYPE

This type of blade, when closed to shut height, forms an oval profile.

Advantages: This type of blade is most often used for outer jacket removal on multi conductor parallel wires. The oval shape will not damage the inner insulations of the individual conductors.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123202-XX

ITEM NUMBER	MATERIAL	DESCRIPTION
123202-1	A2 TOOL STEEL	OVAL DIE WITH GROUND RADIUS
123202-2	A2 TOOL STEEL	OVAL DIE WITH GROUND RADIUS
123202-3	A2 TOOL STEEL	OVAL DIE WITH GROUND RADIUS
123202-4	A2 TOOL STEEL	OVAL DIE WITH GROUND RADIUS
123202-5	A2 TOOL STEEL	OVAL DIE WITH GROUND RADIUS

VARIABLE SPACERS

The wire end strip dimension is obtained by physically inserting spacers of different thickness in-between the blade bodies. The assembly is then held in place by set screws or other fastening devices.

This system involves measurement calculations in order to figure the correct spacer-blade combinations. Because of its inherent cumbersome nature, it is highly recommended that this setup be performed in anticipation to a scheduled production run.

To optimize equipment productivity, it is a good idea to have several sets of pre-assembled blade mounts ready for production schedules. For more information please see chart on page 69.

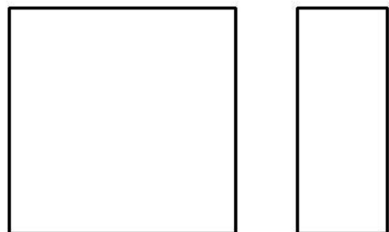
SPACER SETS

ITEM NUMBER	MACHINE	TYPE
5-120213	2" STD	SPACER SET
5-120214	4" STD	SPACER SET
5-120215	4" QC	SPACER SET
5-120217	6" STD	SPACER SET
5-120218	8" STD	SPACER SET
5-120224	CS-7	SPACER SET

SIZE	ITEM NUMBER
.005	84980-9
.010	84980-8
.015	84980-7
.022	84980-6
.031	84980-1
.062	84980-2
.078	84980-17
.093	84980-18
.125	84980-3
.156	84980-10
.187	84980-11
.203	84980-12
.219	84980-13
.250	84980-4

SIZE	ITEM NUMBER
.281	84980-14
.312	84980-15
.344	84980-16
.375	84980-19
.417	84980-30
.500	84980-5
.620	84980-29
.625	84980-34
.675	84980-28
.688	84980-31
.750	84980-35
.876	84980-27
1.000	84980-42
1.150	84980-36

SIZE	ITEM NUMBER
1.200	84980-37
1.300	84980-39
1.350	84980-40
1.400	84980-41
1.688	84980-33
1.875	84980-32
2.000	84980-20
3.000	84980-22
4.000	84980-23
5.000	84980-24
5.375	84980-44
6.000	84980-25
7.000	84980-26
8.000	84980-21
9.735	84980-43



84980-XX

ARTOS STANDARD MACHINE SERIES

METRIC SPACERS & SPACER SETS



VARIABLE SPACERS

The wire end strip dimension is obtained by physically inserting spacers of different thickness in-between the blade bodies. The assembly is then held in place by set screws or other fastening devices.

This system involves measurement calculations in order to figure the correct spacer-blade combinations. Because of its inherent cumbersome nature, it is highly recommended that this setup be performed in anticipation to a scheduled production run.

To optimize equipment productivity, it is a good idea to have several sets of pre-assembled blade mounts ready for production schedules. For more information please see chart on page 69.



119683-XX

MM SIZE	ITEM NUMBER
0.1	119683-24
0.2	119683-25
0.3	119683-26
0.4	119683-27
0.5	119683-9
0.75	119683-28
1.0	119683-1
1.5	119683-12
2.0	119683-2
2.5	119683-13
2.85	119683-45
3.0	119683-5
3.5	119683-14
4.0	119683-10
4.44	119683-46
4.5	119683-15
4.85	119683-32

MM SIZE	ITEM NUMBER
5.0	119683-3
5.5	119683-16
6.0	119683-6
6.5	119683-17
6.85	119683-50
7.0	119683-18
7.5	119683-19
7.85	119683-52
8.0	119683-20
8.5	119683-21
8.85	119683-33
9.0	119683-22
9.5	119683-23
9.85	119683-34
10.0	119683-4
11.85	119683-35
12.0	119683-7

MM SIZE	ITEM NUMBER
13.0	119683-31
14.85	119683-44
15.0	119683-29
17.8	119683-47
20.0	119683-8
20.8	119683-41
22.8	119683-39
23.8	119683-37
24.0	119683-40
25.9	119683-38
27.0	119683-36
27.8	119683-42
29.0	119683-51
29.8	119683-48
30.0	119683-30
31.0	119683-43
32.9	119683-49
40.0	119683-11

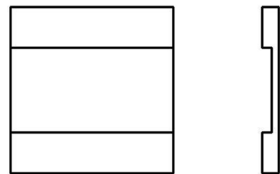
VARIABLE SPACERS

The wire end strip dimension is obtained by physically inserting spacers of different thickness in-between the blade bodies. The assembly is then held in place by set screws or other fastening devices.

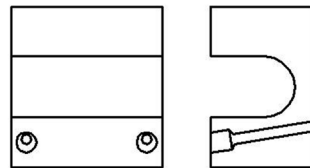
This system involves measurement calculations in order to figure the correct spacer-blade combinations. Because of its inherent cumbersome nature, it is highly recommended that this setup be performed in anticipation to a scheduled production run.

To optimize equipment productivity, it is a good idea to have several sets of pre-assembled blade mounts ready for production schedules.

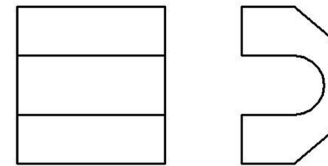
- FOR MORE INFORMATION, CONTACT LAKES PRECISION, INC.



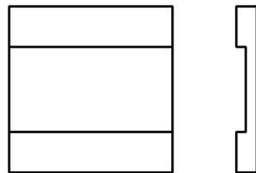
**H-2529
STD SPACER**



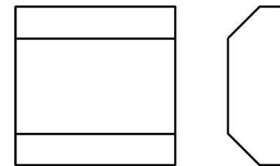
**138828-XX
MTX SPACER**



**138829-XX
MTX SPACER**



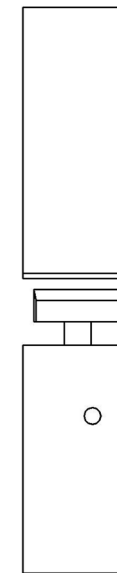
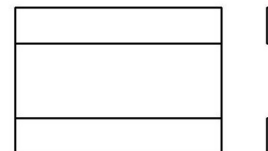
**119689
SLOTTED METRIC SPACER**



**116114
END SPACER**



**H-4376-XX
CS-10 & 11 SPACERS**



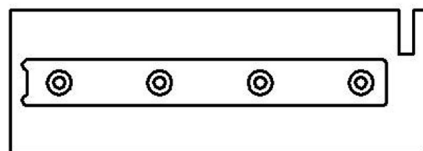
**37488-500
PLUNGER BLOCK ASSY
CS-6**

TOOLHOLDERS

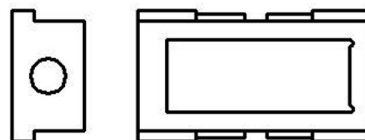
Purchase choices range from a complete assembly, with spacers, to a single toolholder, individual screw or nut. Please contact sales for further information on your specific application.

- FOR MORE INFORMATION, CONTACT LAKES PRECISION, INC.

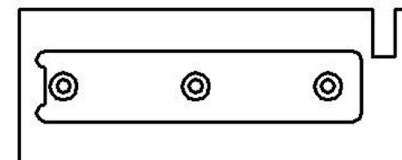
- SEE CHART (PAGE 69)



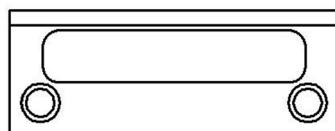
5-122250 & 5-122251
AM-2 LEFT & RIGHT



AH-1615
CS-15 / CS-29 / CS-21
CS-30 / CS-33 / CS-35 / CS-15



5-122267 & 5-122268
AM-1 LEFT & RIGHT



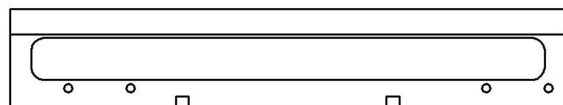
H-1010 & H-1018
CS-6 WITH HORIZONTAL SCREWS



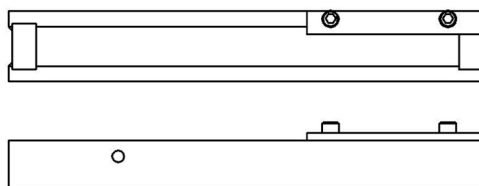
H-2527
CS-6 WITH VERTICLE SCREWS
CS-6 / CS-9 / CS-14 / CS-20 / CS-26
CS-10 / CS-11

TOOLHOLDERS

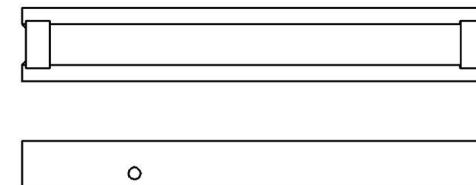
Purchase choices range from a complete assembly, with spacers, to a single toolholder, individual screw or nut. Please contact sales for further information on your specific application.



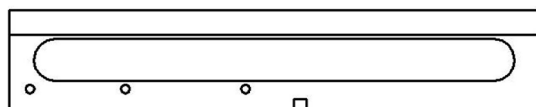
**81299 -1 & -2 & -3
QUICK CHANGE CS-27**



**AH-234 & AH-235
CS-10B**

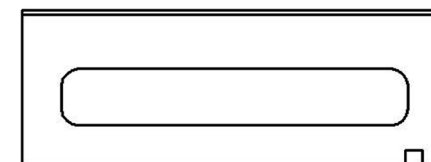


**AH-236 & AH-237
AH-387 & AH-388
CS-10A / CS-10**

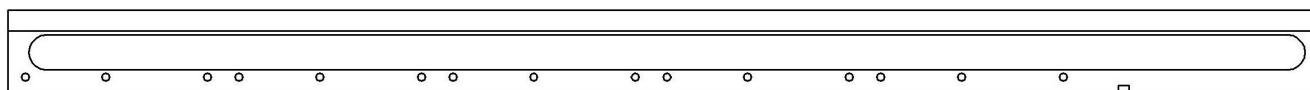


**G-2914 & 15 -1 & -2
CS-6 / CS-9 / CS-11 / CS-14 / CS-20**

**FOR MORE INFORMATION, CONTACT LAKES
PRECISION, INC.
SEE CHART (PAGE 69)**



**G-43681
CS-23**



**LPI 203-XX & LPI 204-XX
SPECIAL CS-9**

ARTOS STANDARD MACHINE SERIES

TOOLHOLDER CHART



MACHINE TYPE	TOOLHOLDER P/N F=FRONT, R=REAR	DESCRIPTION	FRONT T/H P/N REAR T/H P/N WITH SPACERS
OLD STYLE CS-6	H-1018 (F) H-1010 (R) BT-3004-6 (F) BT-3004-5 (R) BT-3004-21 (F) BT-3004-20 (R)	4" OLD STYLE T/H 4" OLD STYLE T/H 6" OLD STYLE T/H 6" OLD STYLE T/H 8" OLD STYLE T/H 8" OLD STYLE T/H	5-115016 5-119511 5-115018 5-119512 5-115020 5-119514
CS-26	H-2527 (2 REQUIRED)	4" QUICK CHANGE T/H	5-122555
CS-6 9 14 20	H-2527 (2 REQUIRED) AH-2761-500 (INCLUDES F&R T/H, BACKING STRIPS & SCREW) G-2914-1 (F) G-2915-1 (R)	4" QUICK CHANGE T/H 6" QUICK CHANGE T/H 6" QUICK CHANGE T/H 6" QUICK CHANGE T/H	5-115017 5-122047 5-115019 5-119513
CS-10 11A B C D	AH-236-500 (F) AH-237-500 (R) AH-234-500 (F) AH-235-500 (R) AH-205-500 (F) AH-206-500 (R) AH-387-500 (F) AH-388-500 (R)	7 1/4" T/H 7 1/4" T/H 9 3/4" T/H 9 3/4" T/H 15 3/4" T/H 15 3/4" T/H 19 3/4" T/H 19 3/4" T/H	5-115023 5-119516 5-115024 5-119517 5-115025 5-119518 5-115026 5-119519
CS-15 29	AH-1615-500 (2 REQUIRED) (ALSO USED FOR CS-21AT, CS-30AT, CS-33AT/ CS-35 SINGLE WIRE, CS-15, S-1 STRIPPER & T-1 TRIMMER)	2" STANDARD T/H	5-115015
CS-7	B-5366-1 (F) B-5366-2 (R)	6" STANDARD T/H 6" STANDARD T/H	5-115022 5-119520
CS-23	43681 (2 REQUIRED)	23" T/H	5-115028
CS-27	81299-1 81299-2 TWO 6" T/H WITH SPACERS TWO 8" T/H WITH SPACERS	27S T/H (6") 27L T/H (8")	5-115030 5-115029 5-122049

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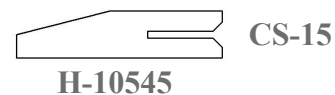
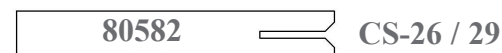
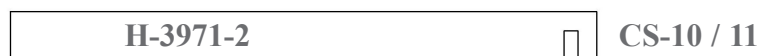
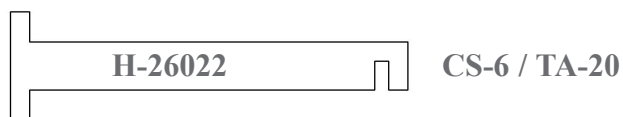
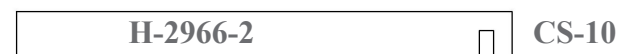
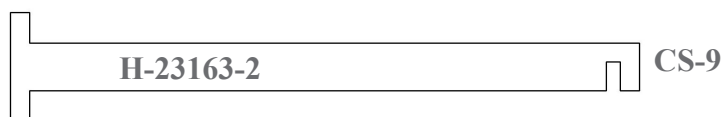
• EMAIL: BLADES@LAKESPRECISION.COM •

ARTOS STANDARD MACHINE SERIES

KNOCKOUT BLADES

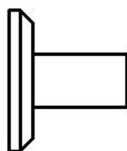


- FOR MORE INFORMATION, CONTACT LAKES PRECISION, INC.

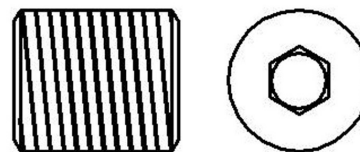


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• EMAIL: BLADES@LAKESPRECISION.COM •

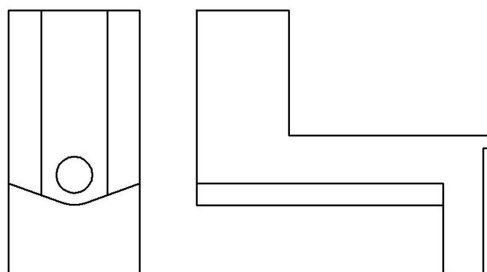
- CONTACT LAKES PRECISION, INC. FOR MORE INFORMATION



H-33783
END WASHER



37646
SCREW



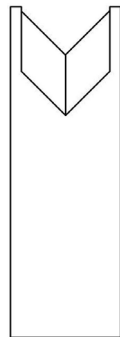
40531
CS-9AT HOLDER

UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



123147

INCH DIA SIZE	ITEM NUMBER	DESCRIPTION
.020	123147-1	UN-V STRIP SHORT
.020	123147-2	UN-V STRIP LONG
.032	123147-3	UN-V STRIP SHORT
.032	123147-4	UN-V STRIP LONG

ARTOS X-STYLE MACHINE SERIES

TANGENT RADIUS “V” BLADES (15 DEGREE) CLASS: TA-V

TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



87330-XX

DIA SIZE	ITEM NUMBER	DESCRIPTION
X-012S	87330-17	SHORT BLADE
X-012L	87330-18	LONG BLADE
X-022S	87330-15	SHORT BLADE
X-022L	87330-16	LONG BLADE
X-034S	87330-1	SHORT BLADE
X-034L	87330-2	LONG BLADE
X-042S	87330-3	SHORT BLADE
X-042L	87330-4	LONG BLADE
X-052S	87330-5	SHORT BLADE
X-052L	87330-6	LONG BLADE
X-062S	87330-7	SHORT BLADE
X-062L	87330-8	LONG BLADE

DIA SIZE	ITEM NUMBER	DESCRIPTION
X-076S	87330-9	SHORT BLADE
X-076L	87330-10	LONG BLADE
X-096S	87330-11	SHORT BLADE
X-096L	87330-12	LONG BLADE
X-112S	87330-13	SHORT BLADE
X-112L	87330-14	LONG BLADE
X-156A	87330-23	SHORT BLADE
X-156L	87330-24	LONG BLADE
X-172A	87330-19	SHORT BLADE
X-172L	87330-20	LONG BLADE
X-222A	87330-21	SHORT BLADE
X-222L	87330-22	LONG BLADE

ARTOS X-STYLE MACHINE SERIES

TRU-RADIUS STRIP BLADES CLASS: TR-V

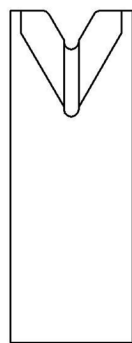
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122111-XX

ITEM NUMBER	DESCRIPTION
122111-1	XTRV-039S STRIP
122111-2	XTRV-039L STRIP
122111-3	XTRV-047S STRIP
122111-4	XTRV-047L STRIP
122111-5	XTRV-055S STRIP
122111-6	XTRV-055L STRIP
122111-7	XTRV-067S STRIP
122111-8	XTRV-067L STRIP
122111-9	XTRV-078S STRIP
122111-10	XTRV-078L STRIP
122111-13	XTRV-090S STRIP
122111-14	XTRV-090L STRIP
122111-11	XTRV-102S STRIP
122111-12	XTRV-102L STRIP
122111-15	XTRV-112S STRIP
122111-16	XTRV-112L STRIP
122111-17	XTRV-125S STRIP

ITEM NUMBER	DESCRIPTION
122111-18	XTRV-125L STRIP
122111-23	XTRV-140S STRIP
122111-24	XTRV-140L STRIP
122111-29	XTRV-152S STRIP
122111-30	XTRV-152L STRIP
122111-21	XTRV-165S STRIP
122111-22	XTRV-165L STRIP
122111-19	XTRV-175S STRIP
122111-20	XTRV-175L STRIP
122111-25	XTRV-210A STRIP
122111-26	XTRV-210L STRIP
122111-33	XTRV-230A STRIP
122111-34	XTRV-230L STRIP
122111-35	XTRV-240A STRIP
122111-36	XTRV-240L STRIP
122111-27	XTRV-250A STRIP
122111-28	XTRV-250L STRIP

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• EMAIL: BLADES@LAKESPRECISION.COM •

ARTOS X-STYLE MACHINE SERIES

TANGENT RADIUS "V" STRIP BLADES (15 DEGREE) CLASS: TA-V

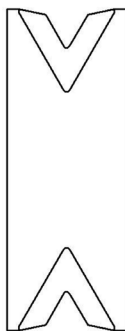
TANGENT RADIUS "V" STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



122002-XX

ITEM NUMBER	DESCRIPTION
122002-17	X-012S
122002-18	X-012L
122002-15	X-022S
122002-16	X-022L
122002-1	X-034S
122002-2	X-034L
122002-3	X-042S
122002-4	X-042L
122002-5	X-052S
122002-6	X-052L
122002-7	X-062S

ITEM NUMBER	DESCRIPTION
122002-8	X-062L
122002-9	X-076S
122002-10	X-076L
122002-11	X-096S
122002-12	X-096L
122002-13	X-112S
122002-14	X-112L
122002-19	X-172A
122002-20	X-172L
122002-21	X-222A
122002-22	X-222L

ARTOS X-STYLE MACHINE SERIES

TRU-RADIUS STRIP BLADES (20 DEGREE) CLASS: TR-V

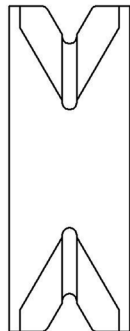
TRU-RADIUS STRIP BLADE (DUAL FORM)

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122411-XX

ITEM NUMBER	DESCRIPTION
122411-1	XTRV-039S
122411-2	XTRV-039L
122411-3	XTRV-047S
122411-4	XTRV-047L
122411-5	XTRV-055S
122411-6	XTRV-055L
122411-7	XTRV-067S

ITEM NUMBER	DESCRIPTION
122411-8	XTRV-067L
122411-9	XTRV-078S
122411-10	XTRV-078L
122411-11	XTRV-102S
122411-12	XTRV-102L
122411-13	XTRV-160A
122411-14	XTRV-160L

ARTOS X-STYLE MACHINE SERIES

TRU-RADIUS STRIP BLADES (30 DEGREE) CLASS: TR-V

TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123800-XX

ITEM NUMBER	DESCRIPTION
123800-1	XTRV-039S STRIP
123800-2	XTRV-039L STRIP
123800-3	XTRV-047S STRIP
123800-4	XTRV-047L STRIP
123800-5	XTRV-055S STRIP
123800-6	XTRV-055L STRIP
123800-7	XTRV-067S STRIP
123800-8	XTRV-067L STRIP
123800-9	XTRV-078S STRIP
123800-10	XTRV-078L STRIP
123800-13	XTRV-090S STRIP
123800-14	XTRV-090L STRIP

ITEM NUMBER	DESCRIPTION
123800-11	XTRV-102S STRIP
123800-12	XTRV-102L STRIP
123800-15	XTRV-112S STRIP
123800-16	XTRV-112L STRIP
123800-17	XTRV-125S STRIP
123800-18	XTRV-125L STRIP
123800-23	XTRV-140S STRIP
123800-24	XTRV-140L STRIP
123800-29	XTRV-152S STRIP
123800-30	XTRV-152L STRIP
123800-21	XTRV-165S STRIP
123800-22	XTRV-165L STRIP

ITEM NUMBER	DESCRIPTION
123800-19	XTRV-175S STRIP
123800-20	XTRV-175L STRIP
123800-31	XTRV-190S STRIP
123800-32	XTRV-190L STRIP
123800-25	XTRV-210A STRIP
123800-26	XTRV-210L STRIP
123800-33	XTRV-230A STRIP
123800-34	XTRV-230L STRIP
123800-35	XTRV-240A STRIP
123800-36	XTRV-240L STRIP
123800-27	XTRV-250A STRIP
123800-28	XTRV-250L STRIP

ARTOS X-STYLE MACHINE SERIES

CUT-OFF BLADES

UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

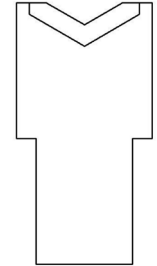
Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
54492-2	XCL CUT-OFF
54492-1	XCLA CUT-OFF
54492-3	XDCL CUT-OFF
54492-5	XCLT CUT-OFF
54492-6	XWCLA CUT-OFF
54492-7	XWCLT CUT-OFF
54492-4	X8LPC CUT-OFF
54492-8	SPECIAL
54492-9	SPECIAL



54492-XX



54492-6 & 7
WIDE CUT-OFF

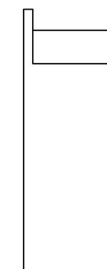
COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle

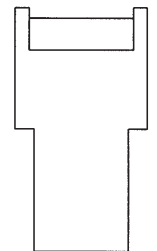
Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
67945-1	XSCA CUT-OFF
58966-1	XWSCA CUT-OFF
67945-2	XSC CUT-OFF
58966-2	XWSC CUT-OFF



67945-XX



58966-XX
WIDE CUT-OFF

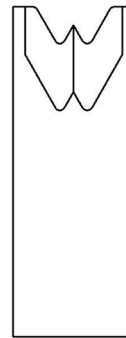
ARTOS X-STYLE MACHINE SERIES

MULTI-CONDUCTOR STRIP BLADES CLASS: TA-V

- FOR MORE INFORMATION ON THESE BLADES, PLEASE CONTACT LAKES PRECISION, INC.

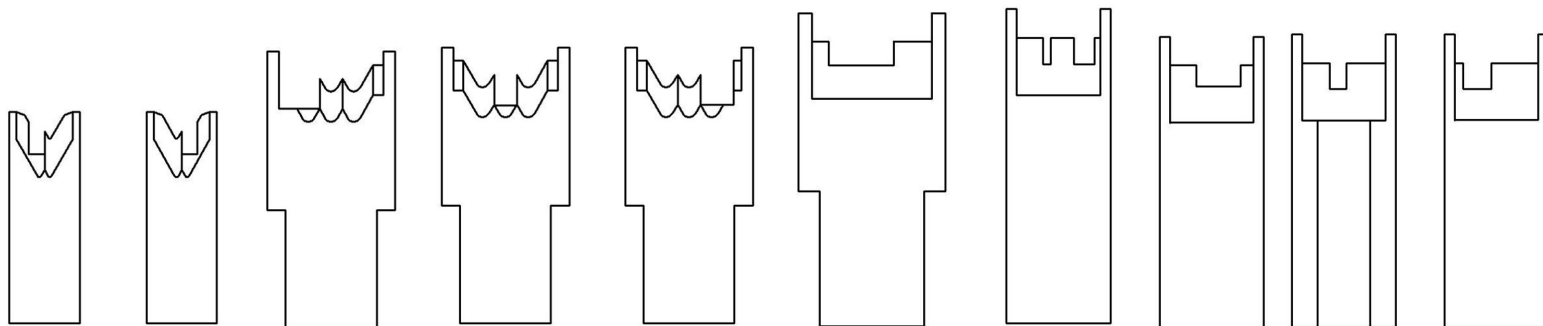
- SEND WIRE SAMPLES TO LAKES PRECISION, INC.

- *TC Coating Available* -



80735-XX

**2V MULTI CONDUCTOR TA-V
LONG & SHORT BLADE = PAIR**



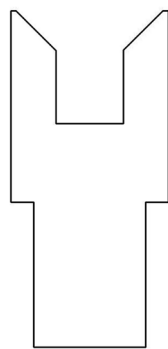
CUT / STRIP & NOTCH BLADES

• THREE LAKES, WI (715) 546-3070 • **CONTACT LAKES PRECISION** • EL PASO, TX (915) 856-6606 •

• EMAIL: BLADES@LAKESPRECISION.COM •

WIRE GUIDES

Wire guides are used in conjunction with cut and strip blades to precisely guide the conductor into the strip area of the blade. This will help prevent the conductor from coming in contact with the cutting edges of the strip blades, preventing premature strip blade wear.



64476

WIRE GUIDE SIZE	ITEM NUMBER
.062	64476-35
.100	64476-31
.115	64476-42
.120	64476-50
.130	64476-40
.135	64476-49
.145	64476-45
.150	64476-43
.164	64476-1
.187	64476-33
.197	64476-51
.205	64476-38
.206	64476-5
.218	64476-36
.235	64476-39
.250	64476-8

WIRE GUIDE SIZE	ITEM NUMBER
.255	64476-32
.262	64476-2
.276	64476-28
.281	64476-25
.285	64476-24
.286	64476-27
.296	64476-4
.304	64476-46
.312	64476-15
.320	64476-48
.328	64476-13
.335	64476-44
.344	64476-19
.354	64476-7
.358	64476-23
.361	64476-3

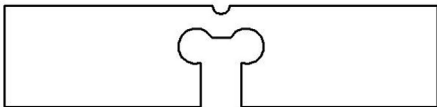
WIRE GUIDE SIZE	ITEM NUMBER
.367	64476-47
.376	64476-10
.386	64476-18
.394	64476-34
.410	64476-37
.421	64476-20
.437	64476-16
.446	64476-9
.453	64476-12
.456	64476-14
.460	64476-17
.476	64476-30
.496	64476-11
.530	64476-22
.550	64476-29
.630	64476-41
.665	64476-26

ARTOS BD-4 MACHINE SERIES

BURNING DEVICE BLADE



FOR MORE INFORMATION ON THESE BLADES, CONTACT
LAKES PRECISION, INC.



R93855-XX

DIA SIZE	ITEM NUMBER
.017	R93855-14
.021	R93855-13
.026	R93855-12
.032	R93855-11
.043	R93855-10
.046	R93855-7
.054	R93855-4
.059	R93855-3
.067	R93855-2
.075	R93855-15
.080	R93855-16
.086	R93855-5
.093	R93855-9
.096	R93855-17
.101	R93855-8
.106	R93855-6

ARTOS CS-326 MACHINE SERIES

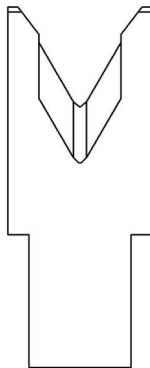
UNIVERSAL STRIP BLADES CLASS: UNI-V



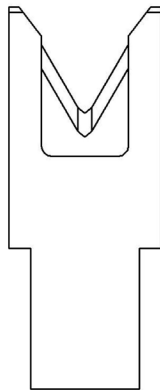
UNI-V UNIVERSAL STRIP BLADE

The sharp edge is ground to an arc that has a small radius. The entry angle lines meet the arc at a tangent point. Unique to this from is an auxiliary angle that intersects the entry angle. This results in greater insulation penetration and a better strip. This patented blade type allows wire sizes from 26 awg to 10 awg to be processed using a single set of blades.

- TC Coating Available -



137470-XX
UNI-V WITHOUT
RELIEF



140045
UNI-V WITH RELIEF

ITEM NUMBER	DESCRIPTION
137470-1	30 DEGREE UNI-V
137470-2	20 DEGREE UNI-V
140045	30 DEGREE UNI-V WITH RELIEF

ARTOS CS-326 MACHINE SERIES

TANGENT RADIUS "V" STRIP BLADES (30 Degree) CLASS: TA-V

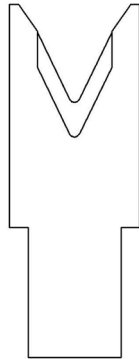
TANGENT RADIUS "V" STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

-TC Coating Available -



123241-XX

DIA MM SIZE	ITEM NUMBER	MARK	DESCRIPTION
0.6	123241-1	V-022	60 DEGREE TA-V STRIP
0.9	123241-2	V-034	60 DEGREE TA-V STRIP
1.1	123241-3	V-042	60 DEGREE TA-V STRIP
1.3	123241-4	V-052	60 DEGREE TA-V STRIP
1.6	123241-5	V-062	60 DEGREE TA-V STRIP
1.9	123241-6	V-076	55 DEGREE TA-V STRIP
2.4	123241-7	V-096	60 DEGREE TA-V STRIP
2.8	123241-8	V-112	48 DEGREE TA-V STRIP
4.4	123241-9	V-112	40 DEGREE TA-V STRIP
5.6	123241-10	V-222	30 DEGREE TA-V STRIP
6.6	123241-12	V-260	30 DEGREE TA-V STRIP
7.9	123241-11	V-312	30 DEGREE TA-V STRIP

ARTOS CS-326 MACHINE SERIES

TRU-RADIUS STRIP BLADES (20 DEGREE) CLASS: TR-V

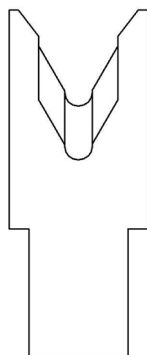
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



137684-XX

DIA MM SIZE	ITEM NUMBER
0.7	137684-028
0.8	137684-034
1.0	137684-039
1.1	137684-043
1.2	137684-047
1.3	137684-051
1.4	137684-055
1.6	137684-063
1.7	137684-067
1.8	137684-072
2.0	137684-078
2.2	137684-088
2.3	137684-090
2.5	137684-098
2.6	137684-102
2.7	137684-110
2.8	137684-112

DIA MM SIZE	ITEM NUMBER
3.0	137684-120
3.2	137684-125
3.6	137684-140
3.9	137684-152
4.1	137684-160
4.3	137684-170
4.4	137684-175
4.6	137684-180
4.7	137684-185
4.8	137684-190
4.9	137684-194
5.1	137684-200
5.2	137684-205
5.4	137684-212
5.6	137684-220
5.7	137684-225
5.8	137684-230

DIA MM SIZE	ITEM NUMBER
5.9	137684-235
6.1	137684-240
6.4	137684-250
6.6	137684-260
6.9	137684-270
7.1	137684-280
7.4	137684-290
7.6	137684-300
8.1	137684-320
8.4	137684-330
8.6	137684-340
8.9	137684-350
9.1	137684-360
9.4	137684-370
9.7	137684-380
10.2	137684-400
10.7	137684-420

ARTOS CS-326 MACHINE SERIES

TRU-RADIUS STRIP BLADES (30 DEGREE) CLASS: TR-V

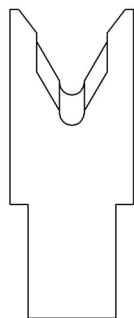
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



137685-XX

DIA MM SIZE	ITEM NUMBER
0.51	137685-020
0.61	137685-024
0.71	137685-028
0.81	137685-032
0.86	137685-034
0.99	137685-039
1.09	137685-043
1.19	137685-047
1.30	137685-051
1.40	137685-055
1.60	137685-063
1.70	137685-067
1.75	137685-069
1.83	137685-072
1.91	137685-075
1.98	137685-078
2.24	137685-088

DIA MM SIZE	ITEM NUMBER
2.29	137685-090
2.44	137685-096
2.49	137685-098
2.54	137685-100
2.59	137685-102
2.77	137685-109
2.79	137685-110
2.84	137685-112
3.05	137685-120
3.18	137685-125
3.30	137685-130
3.40	137685-134
3.43	137685-135
3.51	137685-138
3.56	137685-140
3.68	137685-145
3.81	137685-150

DIA MM SIZE	ITEM NUMBER
3.86	137685-152
4.06	137685-160
4.19	137685-165
4.32	137685-170
4.45	137685-175
4.50	137685-177
4.57	137685-180
4.70	137685-185
4.83	137685-190
5.08	137685-200
5.21	137685-205
5.33	137685-210
5.59	137685-220
5.72	137685-225
5.84	137685-230
6.10	137685-240
6.35	137685-250
6.60	137685-260

DIA MM SIZE	ITEM NUMBER
6.86	137685-270
7.11	137685-280
7.37	137685-290
7.49	137685-295
7.62	137685-300
7.70	137685-303
7.80	137685-307
7.92	137685-312
8.13	137685-320
8.38	137685-330
8.64	137685-340
8.89	137685-350
9.14	137685-360
9.40	137685-370
9.65	137685-380
10.16	137685-400
10.67	137685-420
10.92	137685-430
11.43	137685-450

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• EMAIL: BLADES@LAKESPRECISION.COM •

ARTOS CS-326 MACHINE SERIES

TRU-RADIUS CUT / STRIP BLADES (30 DEGREE) W/ 20 DEGREE RELIEF CLASS: TR-V



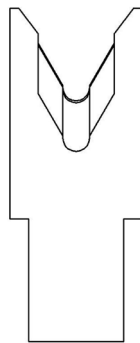
TRU-RADIUS CUT / STRIP BLADE WITH 20 DEGREE RELIEF

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123193-XX

DIA MM SIZE	ITEM NUMBER
0.7	123193-028
1.0	123193-039
1.1	123193-043
1.2	123193-047
1.4	123193-055
1.7	123193-067
1.8	123193-072
2.0	123193-078
2.2	123193-088
2.3	123193-090
2.6	123193-102
2.8	123193-112
3.2	123193-125
3.6	123193-140
3.9	123193-152
4.1	123193-160
4.4	123193-175
4.5	123193-178
4.7	123193-185

DIA MM SIZE	ITEM NUMBER
4.8	123193-190
5.1	123193-200
5.6	123193-220
5.7	123193-225
5.8	123193-230
6.1	123193-240
6.4	123193-250
6.6	123193-260
6.9	123193-270
7.1	123193-280
7.4	123193-290
7.6	123193-300
8.1	123193-320
8.6	123193-340
8.9	123193-350
9.1	123193-360
9.7	123193-380
10.2	123193-400
10.7	123193-420

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ARTOS CS-326 MACHINE SERIES

TRU-RADIUS STRIP BLADES (20 DEGREE) CLASS: TR-V

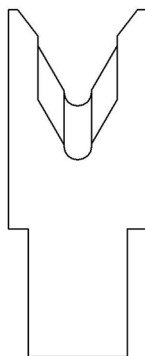
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



141097-XX
TR-V STRIP FOR LARGE
OD WIRE

DIA MM SIZE	ITEM NUMBER
4.4	141097-175
5.1	141097-200
5.6	141097-220
6.1	141097-240
6.6	141097-260
7.1	141097-280
7.6	141097-300
8.1	141097-320
8.6	141097-340
9.7	141097-380
10.7	141097-420

ARTOS CS-326 MACHINE SERIES

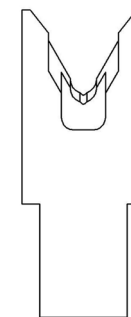
UNI-V / TR-V / STRIP BLADES (30 DEGREE) CLASS: UNI-V / TR-V

UNI-V-TR-V / STRIP BLADES

The UNI-V-TR-V cut and strip blade is specially made for coaxial cable to be run in the single blade cutter-head. The blade is designed to cut off, to remove the outer jacket and also to strip the conductor with the same blade. The blade has a true radius vee form for clean outer jacket removal, and a universal vee form for conductor strip. The dual function is accomplished with the programming software in the CS-326.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
123201	185 UNI-V-TR-V CUT / STRIP FOR COAXIAL CABLE



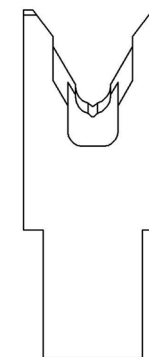
123201

UNI-V-TR-V CUT / STRIP BLADES

The UNI-V-TR-V cut and strip blade is specially made for coaxial cable to be run in the single blade cutter-head. The blade is designed to cut off, to remove the outer jacket and also to strip the conductor with the same blade. The blade has a true radius vee form for clean outer jacket removal, and a universal vee form for conductor strip. The dual function is accomplished with the programming software in the CS-326.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
123198	220 UNI-V-TR-V CUT / STRIP FOR COAXIAL CABLE



123198

ARTOS CS-326 MACHINE SERIES

SPECIAL COLLINEAR ANGLE CUT-OFF BLADES CLASS: CL-A

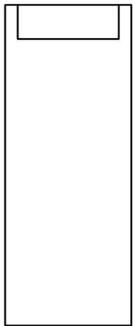


COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a collinear angle.

Characteristics: Sharp edges cut by compression. This class of blade was designed to allow positive control of cutter head closure. It also allows precision processing of specific wire sizes with an inherent blade longevity. This type of blade is used with collinear radius strip blades.

- TC Coating Available -

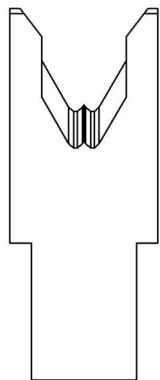


123200

ITEM NUMBER	MATERIAL	DESCRIPTION
123200	A2 TOOL STEEL	BUTT STYLE CL-A CUT-OFF

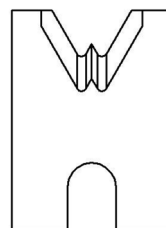
ARTOS CS-326 MACHINE SERIES

MULTI-CONDUCTOR STRIP BLADES CLASS: TA-V



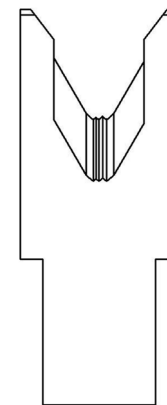
138911-XX

**PATENTED UNI-V STRIP
30 DEGREE**



138634-XX

**MULTI CONDUCTOR TA-V
20 DEGREE**



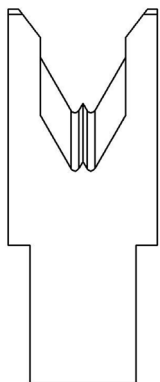
139048-XX

**PATENTED UNI-V STRIP
20 DEGREE**

- FOR MORE INFORMATION ON THESE BLADES,
PLEASE CONTACT LAKES PRECISION, INC.

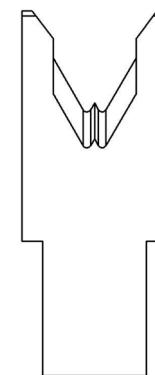
- SEND WIRE SAMPLES TO LAKES PRECISION, INC.

- TC Coating Available -



137944-XX

**MULTI CONDUCTOR TA-V
20 DEGREE**



138477-XX

**MULTI CONDUCTOR TA-V
30 DEGREE**

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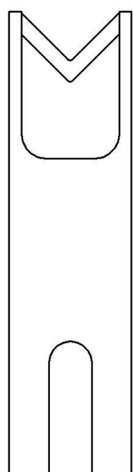
ARTOS CS-326 MACHINE SERIES

UNIVERSAL & SC STYLE CUT-OFF BLADES CLASS: UN-V

UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire. - *TC Coating Available* -



136064

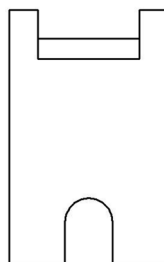
ITEM NUMBER	DESCRIPTION
138633	3 BLADE MACHINE SC STYLE STRAIGHT CUT-OFF
138643	TWO BLADE HEAD SC STYLE CUT-OFF
136064	TWO BLADE HEAD UN-V CUT-OFF

FOR MORE INFORMATION, CONTACT LAKES PRECISION, INC

- *TC Coating Available* -



138643



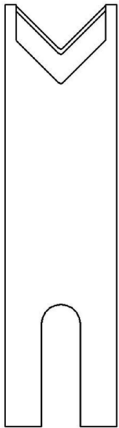
138633

TANGENT ANGLE CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -



123237

ITEM NUMBER	DESCRIPTION
123237	TA-V CUT BLADE FOR 2 BLADE CUTTER HEAD

ARTOS CS-326 MACHINE SERIES

CUT-OFF BLADES CLASS: UN-V / TA-V / WE-A / CL-A

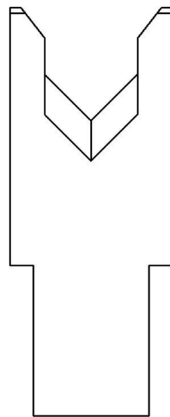
CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

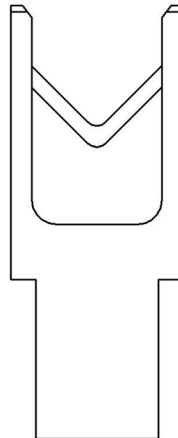
Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

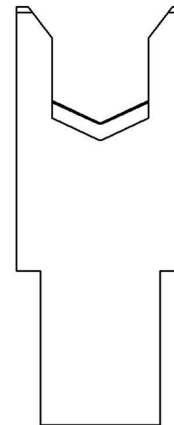
ITEM NUMBER	DESCRIPTION
122863	UN-V CUT-OFF
123163	TA-V CUT-OFF WITH RELIEF
138511	WE-A CUT-OFF WITH COMPOUND CUTTING EDGE
123537	30 SC CUT BLADE



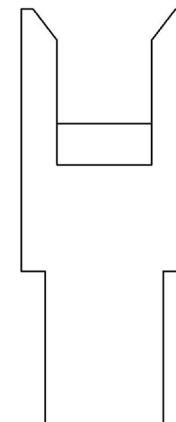
**122863
UN-V**



**123163
TA-V**



**138511
WE-A**



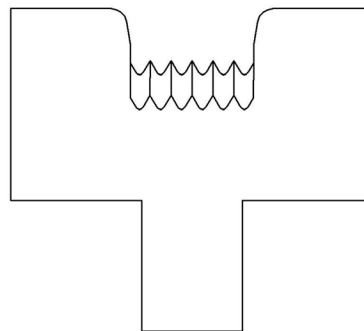
**123537
CL-A**

SPECIAL APPLICATION BLADES

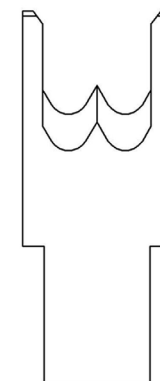
Lakes Precision, Inc. also provides blades for special applications. A few examples are shown here. For blades to meet your specific application please contact Lakes Precision, Inc.

- TC Coating Available -

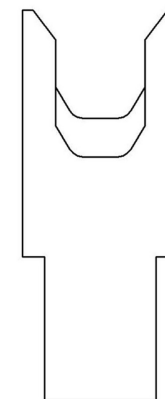
ITEM NUMBER	DESCRIPTION
123120-XX	MULTI-V STRIP
123157-XX	WIDE MULTI-V STRIP (30 DEGREE)
123160-XX	MULTI-CONDUCTOR OVAL STRIP
136061	WIRE GUIDE
138915-XX	MULTI-CONDUCTOR OVAL STRIP
139404-XX	MULTI-V STRIP FOR RIBBON OR PHONE CABLE



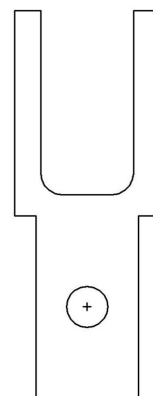
123120-XX
MULTI-CONDUCTOR



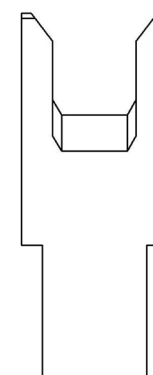
123157-XX
MULTI-CONDUCTOR



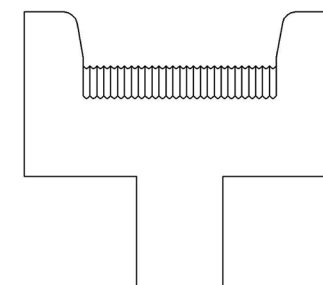
123160-XX
MULTI-CONDUCTOR
OVAL



136061
WIRE GUIDE



138915-XX
MULTI-CONDUCTOR
OVAL



139404-XX
MULTI-CONDUCTOR

ARTOS CS-326 MACHINE SERIES

FIBER OPTIC CUTTER

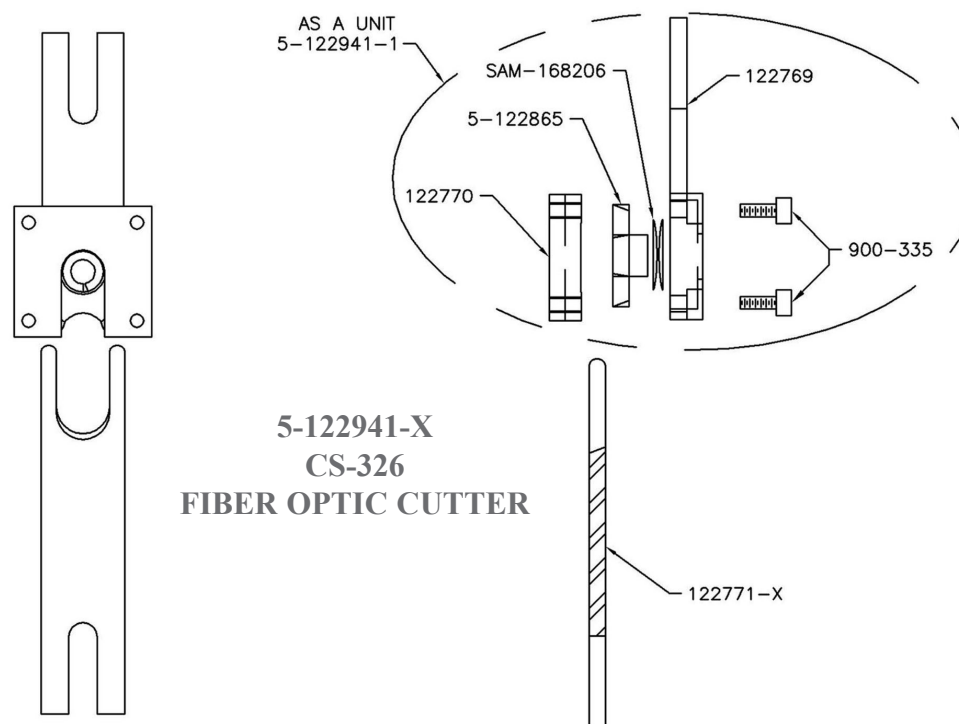
FIBER OPTIC CUTTER

The fiber optic cutter is an assembly that will cut fiber optic cable to length. The assembly is capable of cutting fiber optic cable with or without a strength member, usually made of kevlar. The assembly is used for all fiber optic cables with a maximum outside diameter of .250" (6.3 mm) or less.

- FOR MORE INFORMATION, CONTACT LAKES PRECISION, INC.

- SEND WIRE SAMPLES TO LAKES PRECISION, INC.

- *TC Coating Available* -



ARTOS CS-326 / 600 AUTO ADJUST MACHINE SERIES

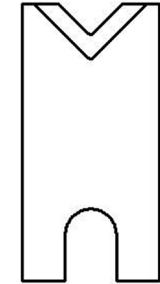
UNIVERSAL CUT-OFF BLADES CLASS: UN-V

UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire. - *TC Coating Available* -

ITEM NUMBER	NOTE
121635-1	FOR AUTO ADJUST STRIP LENGTH ALL WIRE SIZES
121635-2	FOR FIXED STRIP LENGTH TOOLING 1.00 mm AND LARGER
121635-3	FOR FIXED STRIP LENGTH TOOLING 1.00 mm AND SMALLER



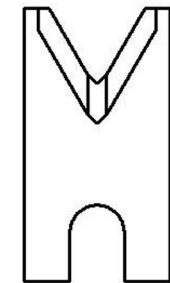
121635-XX

PATENTED DESIGN UNI-V UNIVERSAL STRIP BLADES

The sharp edge is ground to an arc that has a small radius. The entry angle lines meet the arc at a tangent point. Unique to this from is an auxiliary angle that intersects the entry angle. This results in greater insulation penetration and a better strip. This patented blade type allows wire sizes from 26 awg to 10 awg to be processed using a single set of blades.

- *With TC Coating* -

ITEM NUMBER	DESCRIPTION
132921-1	30 DEGREE UNI-V
132921-2	20 DEGREE UNI-V



132921-XX

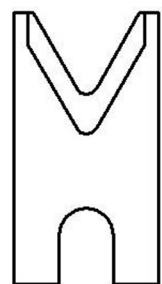
TANGENT RADIUS "V" STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- *With TC Coating* -



132737-XX

DIA MM SIZE	ITEM NUMBER	MARK	DESCRIPTION
0.3	132737-1	012	65 DEGREE AUTO ADJUST
0.6	132737-2	022	65 DEGREE AUTO ADJUST
0.9	132737-3	034	60 DEGREE AUTO ADJUST
1.1	132737-4	042	60 DEGREE AUTO ADJUST
1.3	132737-5	056	60 DEGREE AUTO ADJUST
1.6	132737-6	062	60 DEGREE AUTO ADJUST
1.9	132737-7	076	55 DEGREE AUTO ADJUST
2.4	132737-8	096	55 DEGREE AUTO ADJUST
2.8	132737-9	112	48 DEGREE AUTO ADJUST
4.4	132737-10	172	40 DEGREE AUTO ADJUST
5.6	132737-11	222	30 DEGREE AUTO ADJUST

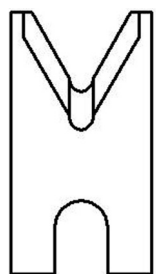
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- With TC Coating -



122551-XX

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
0.7	122551-028	TR-V BLADE
1.0	122551-039	TR-V BLADE
1.2	122551-047	TR-V BLADE
1.4	122551-055	TR-V BLADE
1.7	122551-067	TR-V BLADE
2.0	122551-078	TR-V BLADE
2.3	122551-090	TR-V BLADE
2.6	122551-102	TR-V BLADE
2.8	122551-112	TR-V BLADE

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
3.2	122551-125	TR-V BLADE
3.6	122551-140	TR-V BLADE
4.1	122551-160	TR-V BLADE
4.3	122551-170	TR-V BLADE
4.4	122551-175	TR-V BLADE
4.6	122551-180	TR-V BLADE
5.1	122551-200	TR-V BLADE
5.6	122551-220	TR-V BLADE
5.8	122551-230	TR-V BLADE

ARTOS CS-326 / 600 AUTO ADJUST MACHINE SERIES

UNIVERSAL STRIP BLADES CLASS: UN-V

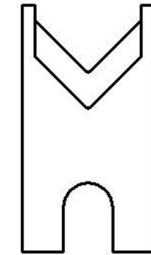
UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- With TC Coating -

ITEM NUMBER	DESCRIPTION
121636	UN-V STRIP



121636

ARTOS CS-600 AUTO ADJUST MACHINE SERIES

WIDE ENTRY ANGLE CUT-OFF BLADES (123 DEGREE) CLASS: WE-A

WIDE ENTRY ANGLE

The sharp edge is ground at an angle that results in a “V” opening above 90 degrees.

Characteristics: Wide angle is not as effective for gathering wire towards the operating radius. This type works well for gathering thick, soft insulations, (such as ignition wire).

- With TC Coating -

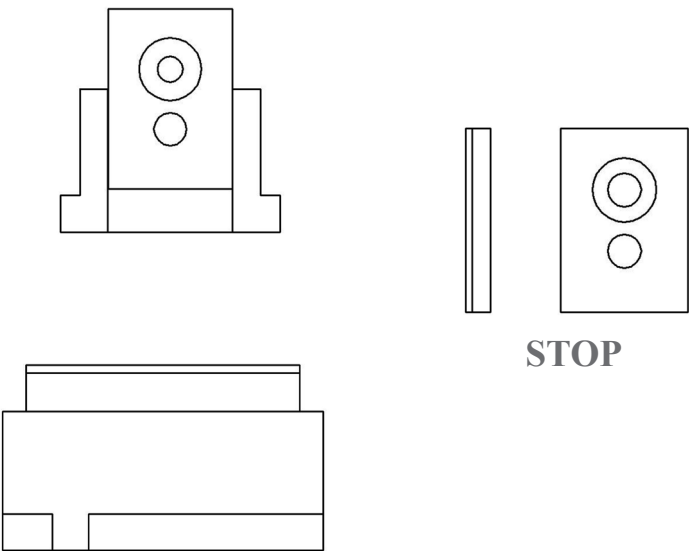
ITEM NUMBER	NOTE
135895-1	FOR FIXED STRIP LENGTH TOOLING 1.00 mm AND LARGER
135895-2	FOR FIXED STRIP LENGTH TOOLING 1.00 mm AND SMALLER



135895-XX

TOOLHOLDERS

Purchase choices range from a complete assembly, with spacers, to a single toolholder, individual screw or nut. For an assembly with pre-installed blades for your specific application, please contact sales for further information.



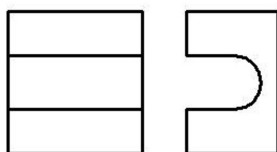
121778-XX

ITEM NUMBER	DESCRIPTION
121778-1	CS-600 TOOLHOLDER WITH IMAJE
121778-2	CS-600 TOOLHOLDER WITHOUT IMAJE
950-284	SCREW HSC M4 X 10 mm (not shown)
950-839	SCREW FHHSC M4 X 10 mm (not shown)
132741	STOP

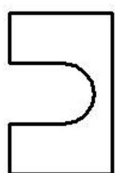
VARIABLE SPACERS

The wire end strip dimension is obtained by physically inserting spacers of different thickness in-between the blade bodies. The assembly is then held in place by set screws or other fastening devices. This system involves measurement calculations in order to figure the correct spacer-blade combinations. Because of its inherent cumbersome nature, it is highly recommended that this setup be performed in anticipation to a scheduled production run. To optimize equipment productivity, it is a good idea to have several sets of pre-assembled blade mounts ready for production schedules.

- FOR MORE INFORMATION, CONTACT LAKES PRECISION, INC. -



121607-XX



**121608
END SPACER**

DIA MM SIZE	ITEM NUMBER
0.50	121607-29
0.99	121607-28
1.49	121607-1
1.99	121607-2
2.49	121607-3
2.99	121607-4
3.17	121607-39
3.50	121607-5
4.00	121607-6
4.50	121607-7
4.99	121607-8
5.49	121607-9
5.99	121607-10
6.49	121607-11

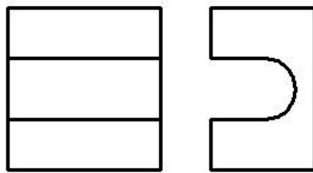
DIA MM SIZE	ITEM NUMBER
7.00	121607-12
7.50	121607-13
8.00	121607-14
8.49	121607-15
8.99	121607-16
9.49	121607-17
9.57	121607-40
9.99	121607-18
10.50	121607-19
11.81	121607-38
10.50	121607-19
11.00	121607-20
11.50	121607-21
11.99	121607-22

DIA MM SIZE	ITEM NUMBER
12.49	121607-23
12.99	121607-24
13.42	121607-27
13.50	121607-25
14.99	121607-26
16.25	121607-35
17.83	121607-32
18.00	121607-36
18.57	121607-30
19.42	121607-31
19.52	121607-33
19.57	121607-37
22.68	121607-34

VARIABLE SPACERS

The wire end strip dimension is obtained by physically inserting spacers of different thickness in-between the blade bodies. The assembly is then held in place by set screws or other fastening devices. This system involves measurement calculations in order to figure the correct spacer-blade combinations. Because of its inherent cumbersome nature, it is highly recommended that this setup be performed in anticipation to a scheduled production run. To optimize equipment productivity, it is a good idea to have several sets of pre-assembled blade mounts ready for production schedules.

- FOR MORE INFORMATION, CONTACT LAKES PRECISION, INC. -



123166-XX

DIA MM SIZE	ITEM NUMBER
1.52	123166-3
1.57	123166-9
3.16	123166-10
3.20	123166-1
3.25	123166-13
3.32	123166-27
3.61	123166-32
3.76	123166-14
3.87	123166-16
4.06	123166-2
4.64	123166-23
4.78	123166-3

DIA MM SIZE	ITEM NUMBER
5.08	123166-33
5.44	123166-25
5.50	123166-22
6.35	123166-4
7.06	123166-19
7.98	123166-26
8.64	123166-17
8.83	123166-28
9.32	123166-31
9.55	123166-5
9.66	123166-15
9.86	123166-35

DIA MM SIZE	ITEM NUMBER
9.89	123166-20
10.03	123166-6
10.17	123166-12
10.21	123166-18
10.33	123166-29
10.41	123166-7
11.20	123166-30
11.82	123166-11
12.70	123166-8
15.15	123166-21
16.64	123166-24

ARTOS CS-327 MACHINE SERIES

TANGENT RADIUS "V" CUT-OFF BLADES CLASS: TA-V

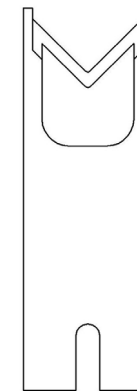
TANGENT ANGLE CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
142336-060	-----	CUT-OFF BLADE WITH .060 RELIEF
142336-125	-----	CUT-OFF BLADE WITH .125 RELIEF



142336-XX

ARTOS CS-327 MACHINE SERIES

TANGENT RADIUS "V" CUT-OFF BLADES CLASS: TA-V

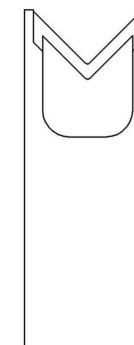
TANGENT ANGLE CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
142900-060	-----	3 BLADE CUTTERHEAD .060 RELIEF
142900-125	-----	3 BLADE CUTTERHEAD .125 RELIEF



142900-XX

ARTOS CS-327 MACHINE SERIES

WIDE ENTRY ANGLE CUT-OFF BLADES CLASS: WE-A

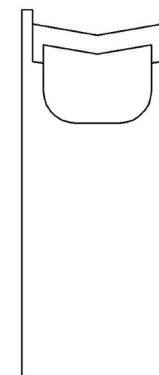
WIDE ENTRY ANGLE CUT-OFF

The sharp edge is ground at an angle that results in a “V” opening above 90 degrees. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edge cut by slicing, creating a gradual cut. The wide angle allows for a wider range of wire sizes to be cut with the same blades. This type of cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
143058	-----	WE-A CUT FOR 3 BLADE SETUP



143058

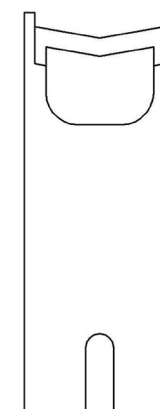
WIDE ENTRY ANGLE CUT-OFF

The sharp edge is ground at an angle that results in a “V” opening above 90 degrees. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edge cut by slicing, creating a gradual cut. The wide angle allows for a wider range of wire sizes to be cut with the same blades. This type of cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
143059	-----	WE-A CUT FOR 2 BLADE SETUP



143059

ARTOS CS-327 MACHINE SERIES

COLLINEAR ANGLE CUT-OFF BLADES CLASS: CL -A

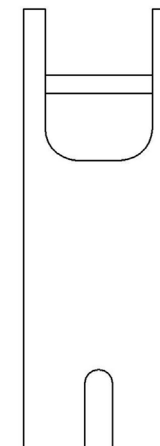
COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
123722	-----	CL-A 2 BLADE CUTTER-HEAD



123722

ARTOS CS-327 MACHINE SERIES

WIDE ENTRY ANGLE CUT-OFF BLADES CLASS: WE-A

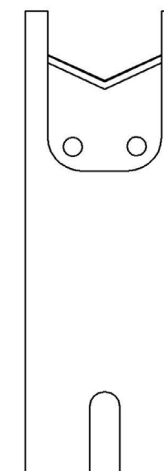
WIDE ENTRY ANGLE CUT-OFF

The sharp edge is ground at an angle that results in a “V” opening above 90 degrees. This type of blade, when closed, presents a diamond shaped edge profile.

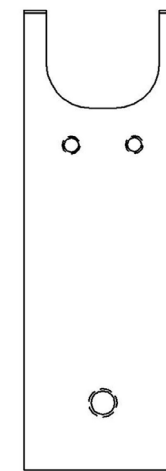
Characteristics: Sharp edge cut by slicing, creating a gradual cut. The wide angle allows for a wider range of wire sizes to be cut with the same blades. This type of cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
123634	-----	STEEL CABLE WE-A CUT
142728	-----	GUIDE FOR STEEL CABLE



123634



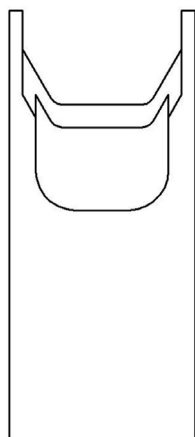
142728

SPECIAL APPLICATION BLADES

Lakes Precision, Inc. also provides blades for special applications. A few examples are shown here. For blades to meet your specific application please contact Lakes Precision, Inc.

- SEND CUSTOMER WIRE SAMPLE TO LAKES PRECISION, INC.

- *TC Coating Available* -



123758-XX

ITEM NUMBER	DESCRIPTION
123758-1	.130 - .367 CC OVAL STRIP
123758-2	.208 - .601 CC OVAL STRIP
123758-3	.260 - .742 CC OVAL STRIP
123758-4	.130 - .117 CC OVAL STRIP
123758-5	.290 - .572 CC OVAL STRIP
123758-6	.330 - .630 CC OVAL STRIP
123758-7	.200 - .385 CC OVAL STRIP
123758-8	.180 - .330 CC OVAL STRIP
123758-9	.150 - .290 CC OVAL STRIP
123758-10	.150 - .150 CC OVAL STRIP
123758-11	.080 - 1.130 CC OVAL STRIP
123758-12	.080 - .735 CC OVAL STRIP
123758-13	.140 - .265 CC OVAL STRIP

ARTOS CS-327 MACHINE SERIES

2V TANGENT RADIUS "V" STRIP BLADES CLASS: TA-V

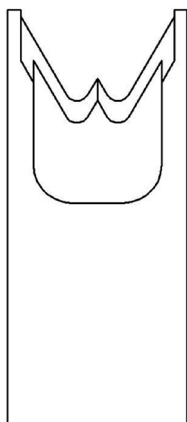
TANGENT RADIUS "2V" STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



123723-XX

DIA MM SIZE	ITEM NUMBER	MARK	DESCRIPTION
1.07	123723-22	2V-042-125	30 DEGREE 2V STRIP
1.32	123723-6	2V-052-135	30 DEGREE 2V STRIP
1.57	123723-2	2V-062-108	30 DEGREE 2V STRIP
1.93	123723-3	2V-076-120	30 DEGREE 2V STRIP
1.93	123723-8	2V-076-170	30 DEGREE 2V STRIP
2.44	123723-7	2V-096-195	30 DEGREE 2V STRIP
2.44	123723-18	2V-096-225	30 DEGREE 2V STRIP
3.05	123723-9	2V-120-205	30 DEGREE 2V STRIP
3.05	123723-19	2V-120-240	30 DEGREE 2V STRIP
3.96	123723-10	2V-156-325	30 DEGREE 2V STRIP
3.96	123723-15	2V-156-360	30 DEGREE 2V STRIP
4.06	123723-25	2V-160-410	30 DEGREE 2V STRIP
4.37	123723-4	2V-172-325	30 DEGREE 2V STRIP
4.37	1213723-11	2V-172-365	30 DEGREE 2V STRIP
5.33	123723-12	2V-210-385	30 DEGREE 2V STRIP

DIA MM SIZE	ITEM NUMBER	MARK	DESCRIPTION
5.72	123723-30	2V-225-220	30 DEGREE 2V STRIP
5.72	123723-20	2V-225-350	30 DEGREE 2V STRIP
5.72	123723-29	2V-225-455	30 DEGREE 2V STRIP
5.33	123723-26	2V-210-415	30 DEGREE 2V STRIP
5.84	123723-29	2V-230-455	30 DEGREE 2V STRIP
6.35	123723-1	2V-250-400	30 DEGREE 2V STRIP
6.35	123723-13	2V-250-420	30 DEGREE 2V STRIP
6.86	123723-21	2V-270-410	30 DEGREE 2V STRIP
7.11	123723-17	2V-280-460	30 DEGREE 2V STRIP
7.11	123723-16	2V-280-485	30 DEGREE 2V STRIP
7.52	123723-27	2V-295-480	30 DEGREE 2V STRIP
7.92	123723-23	2V-312-610	30 DEGREE 2V STRIP
8.25	123723-31	2V-325-500	30 DEGREE 2V STRIP
8.89	123723-5	2V-350-530	30 DEGREE 2VSTRIP
9.65	123723-28	2V-380-625	30 DEGREE 2V STRIP

ARTOS CS-327 MACHINE SERIES

3V TANGENT RADIUS "V" STRIP BLADES CLASS: TA-V

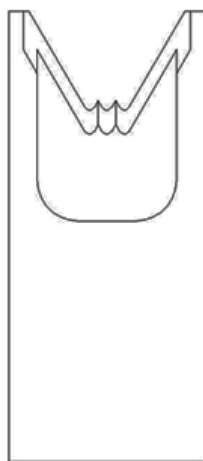
TANGENT RADIUS "3V" STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -

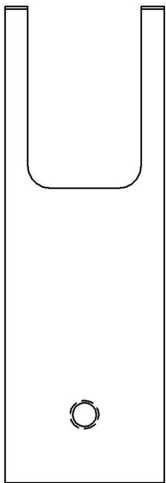


123723-XX

DIA MM SIZE	ITEM NUMBER	MARK	DESCRIPTION
1.57	123723-14	3V-062-105	30 DEGREE 3V STRIP
2.44	123723-24	3V-096-156	30 DEGREE 3V STRIP

RADIUS WIRE GUIDE

Wire guides are used in conjunction with collinear radius strip blades to precisely guide the conductor into the strip area of the blade. This will help prevent the conductor from coming in contact with the cutting edges of the strip blades, preventing premature strip blade wear.



142312

ITEM NUMBER	DESCRIPTION
142312	WIRE GUIDE / 30 mm

ARTOS CS-327 MACHINE SERIES

TRU-RADIUS "V" STRIP BLADES CLASS: TR-V (20 DEGREE)

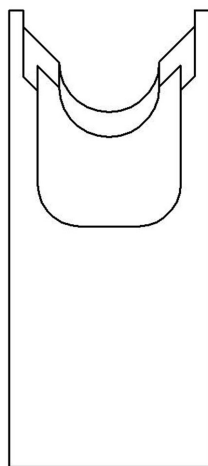
TRU-RADIUS "V" STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



149311-XX

DIA MM SIZE	ITEM NUMBER	DIA MM SIZE	ITEM NUMBER	DIA MM SIZE	ITEM NUMBER	DIA MM SIZE	ITEM NUMBER
.61	149311-024	3.56	149311-140	8.89	149311-350	17.27	149311-680
.78	149311-031	3.68	149311-145	9.14	149311-360	17.78	149311-700
.99	149311-039	3.81	149311-150	9.40	149311-370	18.29	149311-720
1.19	149311-047	4.06	149311-160	9.65	149311-380	18.80	149311-740
1.40	149311-055	4.32	149311-170	10.16	149311-400	19.30	149311-760
1.57	149311-062	4.45	149311-175	10.41	149311-410	19.81	149311-780
1.70	149311-067	4.57	149311-180	10.67	149311-420	20.32	149311-800
1.78	149311-070	5.08	149311-200	11.18	149311-440	20.83	149311-820
1.88	149311-074	5.33	149311-210	11.68	149311-460	21.34	149311-840
1.98	149311-078	5.59	149311-220	12.19	149311-480	21.84	149311-860
2.29	149311-090	5.84	149311-230	12.70	149311-500	22.35	149311-880
2.59	149311-102	6.10	149311-240	13.21	149311-520	22.86	149311-900
2.65	149311-104	6.35	149311-250	13.72	149311-540	23.37	149311-920
2.70	149311-106	6.60	149311-260	14.22	149311-560	23.88	149311-940
2.84	149311-112	6.86	149311-270	14.73	149311-580	24.38	149311-960
3.05	149311-120	7.11	149311-280	15.24	149311-600	24.89	149311-980
3.10	149311-122	7.62	149311-300	15.75	149311-620	25.40	149311-1000
3.17	149311-125	8.13	149311-320	16.26	149311-640	25.65	149311-1010
3.43	149311-135	8.64	149311-340	16.76	149311-660	29.72	149311-1170

ARTOS CS-327 MACHINE SERIES

TRU-RADIUS "V" STRIP BLADES CLASS: TR-V (30 DEGREE)

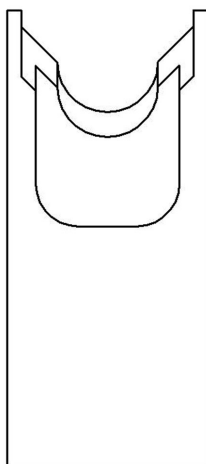
TRU-RADIUS "V" STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



142337

DIA MM SIZE	ITEM NUMBER	DIA MM SIZE	ITEM NUMBER	DIA MM SIZE	ITEM NUMBER	DIA MM SIZE	ITEM NUMBER
0.61	142337-024	3.68	142337-145	9.14	142337-360	16.76	142337-660
0.78	142337-031	3.81	142337-150	9.40	142337-370	17.27	142337-680
0.99	142337-039	4.06	142337-160	9.65	142337-380	17.78	142337-700
1.19	142337-047	4.32	142337-170	9.91	142337-390	18.29	142337-720
1.40	142337-055	4.45	142337-175	10.16	142337-400	18.80	142337-740
1.57	142337-062	4.57	142337-180	10.41	142337-410	19.30	142337-760
1.70	142337-067	5.08	142337-200	10.67	142337-420	19.81	142337-780
1.78	142337-070	5.33	142337-210	11.18	142337-440	20.32	142337-800
1.88	142337-074	5.59	142337-220	11.43	142337-450	20.83	142337-820
1.98	142337-078	5.84	142337-230	11.68	142337-460	21.34	142337-840
2.29	142337-090	6.10	142337-240	12.19	142337-480	21.84	142337-860
2.59	142337-102	6.35	142337-250	12.70	142337-500	22.35	142337-880
2.65	142337-104	6.60	142337-260	13.21	142337-520	22.86	142337-900
2.70	142337-106	6.86	142337-270	13.72	142337-540	23.37	142337-920
2.84	142337-112	7.11	142337-280	13.97	142337-550	23.88	142337-940
3.05	142337-120	7.24	142337-285	14.22	142337-560	24.38	142337-960
3.10	142337-122	7.62	142337-300	14.73	142337-580	24.89	142337-980
3.17	142337-125	8.13	142337-320	15.24	142337-600	25.40	142337-1000
3.43	142337-135	8.64	142337-340	15.75	142337-620	25.65	142337-1010
3.56	142337-140	8.89	142337-350	16.26	142337-640	29.72	142337-1170

• THREE LAKES, WI (715) 546-3070 • **CONTACT LAKES PRECISION** • EL PASO, TX (915) 856-6606 •

• EMAIL: BLADES@LAKESPRECISION.COM •

ARTOS CS-327 MACHINE SERIES

TANGENT RADIUS "V" STRIP BLADES CLASS:TA-V

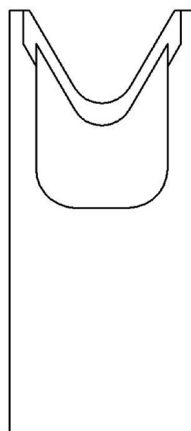
TANGENT ANGLE "V" STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



143066-XX

DIA MM SIZE	ITEM NUMBER
0.61	143066-024
0.78	143066-031
0.99	143066-039
1.19	143066-047
1.40	143066-055
1.70	143066-067
1.98	143066-078
2.29	143066-090
2.59	143066-102
2.84	143066-112
3.17	143066-125
3.56	143066-140
3.81	143066-150
4.06	143066-160
4.45	143066-175
5.08	143066-200
5.59	143066-220
6.10	143066-240

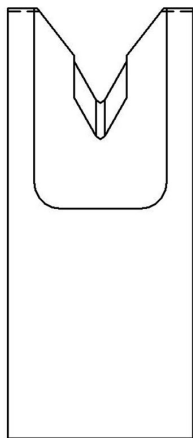
DIA MM SIZE	ITEM NUMBER
6.60	143066-260
7.11	143066-280
7.62	143066-300
8.13	143066-320
8.64	143066-340
9.14	143066-360
9.65	143066-380
10.16	143066-400
10.67	143066-420
11.18	143066-440
11.68	143066-460
12.19	143066-480
12.70	143066-500
13.21	143066-520
13.72	143066-540
14.22	143066-560
14.73	143066-580
15.24	143066-600

DIA MM SIZE	ITEM NUMBER
15.75	143066-620
16.26	143066-640
16.76	143066-660
17.27	143066-680
17.78	143066-700
18.29	143066-720
18.80	143066-740
19.30	143066-760
19.81	143066-780
20.32	143066-800
20.83	143066-820
21.34	143066-840
21.84	143066-860
22.35	143066-880
22.86	143066-900
23.37	143066-920
23.88	143066-940
24.38	143066-960
24.89	143066-980

UNI-V UNIVERSAL STRIP BLADE

The sharp edge is ground to an arc that has a small radius. The entry angle lines meet the arc at a tangent point. Unique to this from is an auxiliary angle that intersects the entry angle. This results in greater insulation penetration and a better strip. This patented blade type allows wire sizes from 26 awg to 10 awg to be processed using a single set of blades.

- TC Coating Available -



142945-XX

ITEM NUMBER	DESCRIPTION
142945-1	30 DEGREE UNI-V WITH RELIEF
142945-2	20 DEGREE UNI-V WITH RELIEF

ARTOS MTX MACHINE SERIES

UNIVERSAL STRIP & CUT-OFF BLADES CLASS: UN-V

CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- With TC Coating -

ITEM NUMBER	DESCRIPTION
138773	CUT-OFF



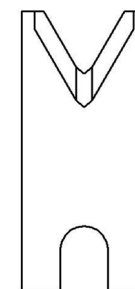
138773

UNI-V UNIVERSAL STRIP BLADE

The sharp edge is ground to an arc that has a small radius. The entry angle lines meet the arc at a tangent point. Unique to this from is an auxiliary angle that intersects the entry angle. This results in greater insulation penetration and a better strip. This patented blade type allows wire sizes from 26 awg to 10 awg to be processed using a single set of blades.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
138774-1	30 DEGREE UNI-V STRIP
138774-2	20 DEGREE UNI-V STRIP



138774-XX

ARTOS MTX MACHINE SERIES

UNIVERSAL / TANGENT “V” STRIP BLADES CLASS: UN-V / TA-V

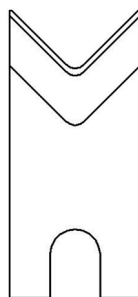
TANGENT ANGLE “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



123238

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
0.2	123238-1	UNIVERSAL ENTRY / TA-V STRIP
0.5	123238-7	UNIVERSAL ENTRY / TA-V STRIP
0.7	123238-9	UNIVERSAL ENTRY / TA-V STRIP
1.0	123238-2	UNIVERSAL ENTRY / TA-V STRIP
1.5	123238-3	UNIVERSAL ENTRY / TA-V STRIP
2.0	123238-4	UNIVERSAL ENTRY / TA-V STRIP
2.8	123238-8	UNIVERSAL ENTRY / TA-V STRIP
3.0	123238-5	UNIVERSAL ENTRY / TA-V STRIP
3.5	123238-10	UNIVERSAL ENTRY / TA-V STRIP
4.0	123238-6	UNIVERSAL ENTRY / TA-V STRIP

ARTOS MTX MACHINE SERIES

TRU-RADIUS STRIP BLADES (20 DEGREE) CLASS: TR-V

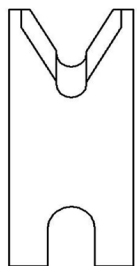
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



140029-XX
AUTO ADJUST

DIA MM SIZE	ITEM NUMBER
0.50	140029-020
0.61	140029-024
0.76	140029-028
0.80	140029-032
0.85	140029-034
1.00	140029-039
1.57	140029-062
1.09	140029-043
1.20	140029-047
1.32	140029-052
1.40	140029-055
1.70	140029-067

DIA MM SIZE	ITEM NUMBER
1.78	140029-070
2.00	140029-078
2.24	140029-088
2.29	140029-090
2.60	140029-102
2.84	140029-112
3.00	140029-118
3.18	140029-125
3.30	140029-130
3.56	140029-140
3.86	140029-152
4.06	140029-160

DIA MM SIZE	ITEM NUMBER
4.45	140029-175
5.08	140029-220
6.10	140029-240
6.60	140029-280
7.11	140029-280
7.62	140029-300
8.13	140029-320
8.64	140029-340
9.14	140029-360
9.65	140029-380
10.16	140029-400
10.67	140029-420

ARTOS MTX MACHINE SERIES

TRU-RADIUS STRIP BLADES (30 DEGREE) CLASS: TR-V

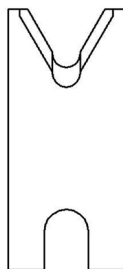
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



**140030-XX
AUTO ADJUST**

DIA MM SIZE	ITEM NUMBER
0.50	140030-020
0.61	140030-024
0.80	140030-032
1.00	140030-039
1.09	140030-043
1.20	140030-047
1.40	140030-055
1.70	140030-067
1.78	140030-070
2.00	140030-078
2.24	140030-088
2.29	140030-090
2.60	140030-102
2.84	140030-112
3.00	140030-118
3.18	140030-125
3.30	140030-130

DIA MM SIZE	ITEM NUMBER
6.56	140030-140
3.86	140030-152
4.06	140030-160
4.45	140030-175
5.08	140030-200
5.59	140030-220
6.10	140030-240
6.60	140030-260
7.11	140030-280
7.62	140030-300
8.13	140030-320
8.64	140030-340
9.14	140030-360
9.65	140030-380
10.16	140030-400
10.67	140030-420

ARTOS MTX MACHINE SERIES

TRU-RADIUS STRIP BLADES (20 DEGREE) CLASS: TR-V

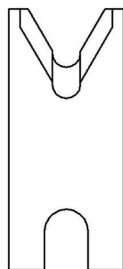
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



**140229-XX
FIXED MODE**

DIA MM SIZE	ITEM NUMBER
0.5	140229-020
0.8	140229-032
1.0	140229-039
1.2	140229-047
1.4	140229-055
1.7	140229-067
1.8	140229-070
2.0	140229-078
2.2	140229-088
2.3	140229-090
2.6	140229-102
2.8	140229-112
3.0	140229-118
3.2	140229-125
3.3	140229-130
3.6	140229-140

DIA MM SIZE	ITEM NUMBER
3.9	140229-152
4.1	140229-160
4.4	140229-175
5.1	140229-200
5.6	140229-200
6.1	140229-240
6.6	140229-260
7.1	140229-280
7.6	140229-300
8.1	140229-320
8.6	140229-340
9.1	140229-360
9.7	140229-380
10.2	140229-400
10.7	140229-420

ARTOS MTX MACHINE SERIES

TRU-RADIUS STRIP BLADES (30 DEGREE) CLASS: TR-V

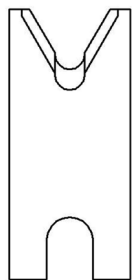
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



**140230-XX
FIXED MODE**

DIAMM SIZE	ITEM NUMBER
0.5	140230-020
0.8	140230-032
1.0	140230-039
1.2	140230-047
1.4	140230-055
1.7	140230-067
1.8	140230-070
2.0	140230-078
2.2	140230-088
2.3	140230-090
2.6	140230-102
2.8	140230-112
3.0	140230-118
3.2	140230-125
3.3	140230-130
3.6	140230-140

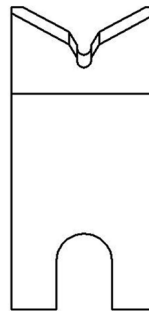
DIAMM SIZE	ITEM NUMBER
3.9	140230-152
4.1	140230-160
4.4	140230-175
5.1	140230-200
5.6	140230-220
6.1	140230-240
6.6	140230-260
7.1	140230-280
7.6	140230-300
8.1	140230-320
8.6	140230-340
9.1	140230-360
9.7	140230-380
10.2	140230-400
10.7	140230-420

IGNITION CABLE APPLICATION WIDE ENTRY ANGLE

The sharp edge is ground at an angle that results in a “V” opening above 90 degrees.

Characteristics: Wide angle is not as effective for gathering wire towards the operating radius. This type works well for gathering thick, soft insulations, (such as ignition wire).

- TC Coating Available -



141025-XX

Contact Lakes Precision for the correct ignition cable blade application.

COLLINEAR RADIUS TYPE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

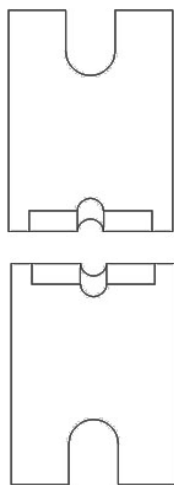
Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

Choosing the correct part number

When choosing the correct size, the blade diameter chosen should be 0.1 mm to 0.15 mm larger than the measured conductor size. If Titanium Nitride coating is desired, add "TC" to the end of the part number.

Example; 139972-1 = 0.4 mm Diameter Non-Coated
139972-1 TC = 0.4 mm Diameter Titanium Coated



139972-XX
TYPE: CL-R

These blades must be used with wire guides.

(See part number 139973)

- TC Coating Available -

ARTOS MTX MACHINE SERIES
COLLINEAR RADIUS STRIP BLADES CLASS: CL-R
- PART NUMBER'S ON SUCCEEDING PAGES -

ARTOS MTX MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES CLASS: CL-R ADDITIONAL PART NUMBER'S



DIA MM SIZE	ITEM NUMBER
0.4	139972-1
0.5	139972-2
0.6	139972-3
0.7	139972-4
0.8	139972-5
0.9	139972-6
1.0	139972-7
1.1	139972-8
1.2	139972-9
1.3	139972-10
1.4	139972-11
1.5	139972-12
1.6	139972-13
1.7	139972-14
1.8	139972-15
1.9	139972-16
2.0	139972-17
2.1	139972-18
2.2	139972-19
2.3	139972-20
2.4	139972-21
2.5	139972-22

DIA MM SIZE	ITEM NUMBER
2.6	139972-23
2.7	139972-24
2.8	139972-25
2.9	139972-26
3.0	139972-27
3.1	139972-28
3.2	139972-29
3.3	139972-30
3.4	139972-31
3.5	139972-32
3.6	139972-33
3.7	139972-34
3.8	139972-35
3.9	139972-36
4.0	139972-37
4.1	139972-38
4.2	139972-39
4.3	139972-40
4.4	139972-41
4.5	139972-42
4.6	139972-43
4.7	139972-44

DIA MM SIZE	ITEM NUMBER
4.8	139972-45
4.9	139972-46
5.0	139972-47
5.1	139972-48
5.2	139972-49
5.3	139972-50
5.4	139972-51
5.5	139972-52
5.6	139972-53
5.7	139972-54
5.8	139972-55
5.9	139972-56
6.0	139972-57
6.1	139972-58
6.2	139972-59
6.3	139972-60
6.4	139972-61
6.5	139972-62
6.6	139972-63
6.7	139972-64
6.8	139972-65
6.9	139972-66
7.0	139972-67

DIA MM SIZE	ITEM NUMBER
7.1	139972-68
7.2	139972-69
7.3	139972-70
7.4	139972-71
7.5	139972-72
7.6	139972-73
7.7	139972-74
7.8	139972-75
7.9	139972-76
8.0	139972-83
8.1	139972-77
8.2	139972-78
8.3	139972-84
8.4	139972-85
8.5	139972-91
8.6	139972-82
9.0	139972-79
9.4	139972-86
10.2	139972-87
10.6	139972-88
11.3	139972-89
11.5	139972-80
13.0	139972-90

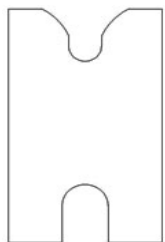
RADIUS WIRE GUIDE

Wire guides are used in conjunction with cut and strip blades to precisely guide the conductor into the strip area of the blade. This will help prevent the conductor from coming in contact with the cutting edges of the strip blades, preventing premature strip blade wear.

Choosing the correct part number

When choosing the correct size, the guide diameter chosen should be 0.00 mm to 0.1 mm larger than the measured insulation diameter.

Example; 139973-1 = 0.6 mm Diameter Guide



139973-XX

GUIDE MM SIZE	ITEM NUMBER
0.6	139973-1
0.7	139973-2
0.9	139973-3
1.0	139973-4
1.1	139973-5
1.2	139973-6
1.3	139973-7
1.4	139973-8
1.5	139973-9
1.6	139973-10
1.7	139973-11
1.8	139973-12
1.9	139973-13
2.0	139973-14
2.1	139973-15
2.2	139973-16
2.3	139973-17

GUIDE MM SIZE	ITEM NUMBER
2.4	139973-18
2.5	139973-19
2.6	139973-20
2.7	139973-21
2.8	139973-22
2.9	139973-23
3.0	139973-24
3.1	139973-25
3.2	139973-26
3.3	139973-27
3.4	139973-28
3.5	139973-29
3.6	139973-30
3.7	139973-31
3.8	139973-32
3.9	139973-33
4.0	139973-34

GUIDE MM SIZE	ITEM NUMBER
4.1	139973-35
4.2	139973-36
4.3	139973-37
4.4	139973-38
4.5	139973-39
4.6	139973-40
4.7	139973-41
4.8	139973-42
4.9	139973-43
5.0	139973-44
5.1	139973-45
5.2	139973-46
5.3	139973-47
5.4	139973-48
5.5	139973-49
5.6	139973-50
5.7	139973-51

GUIDE MM SIZE	ITEM NUMBER
5.8	139973-52
5.9	139973-53
6.0	139973-54
6.1	139973-55
6.2	139973-56
6.3	139973-57
6.5	139973-58
6.6	139973-59
6.7	139973-60
6.8	139973-61
6.9	139973-86
7.0	139973-62
7.2	139973-63
7.3	139973-64
7.4	139973-65
7.6	139973-66
7.7	139973-67
8.0	139973-68

GUIDE MM SIZE	ITEM NUMBER
8.3	139973-81
8.4	139973-77
8.5	139973-69
8.7	139973-78
9.0	139973-70
9.4	139973-76
9.8	139973-71
10.0	139973-72
10.1	139973-79
10.2	139973-82
10.3	139978-88
10.6	139973-73
10.7	139973-83
11.3	139973-75
11.6	139973-80
12.2	139973-87
12.7	139973-85
13.0	139973-74
13.6	139973-84

DIE TYPE BLADES

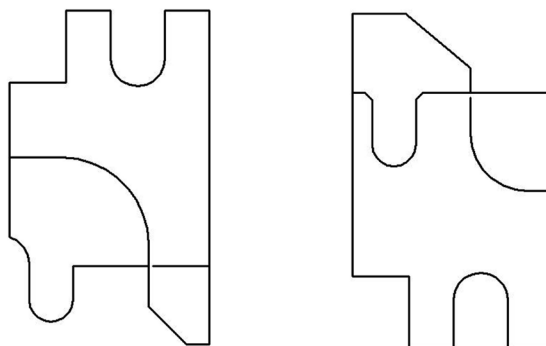
The die-type blade has a fixed shut height. The cutting edge is precisely drilled to an exact radius dimension for the conductor diameter. The insulation wall is contained in a counter-bore drilled around cutting edge.

This type of blade is the most exactly matched blade to the wire specification, giving a very precise insulation removal. This is excellent for removal of extremely thin insulation walls or where the outer jacket is oval shaped, and is also very useful for processing solid conductor insulated wire. Normally this is the blade of choice for **SJT**, **SVT**, **SJO**, coaxial cable outer jacket removal, and many round multi-conductor wires.

Die blades are manufactured to the exact wire specifications. Blades can be produced for most any wire.

- For a specific blade size or application, contact Lakes Precision, Inc. -

- *TC Coating Available* -



Q-XXX-XXX

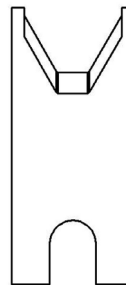
SPECIAL APPLICATION BLADES

Lakes Precision Inc. also provides blades for special applications.

An example is shown here.

For blades to meet your specific application, please contact Lakes Precision, Inc.

- TC Coating Available / Wire Samples Required -

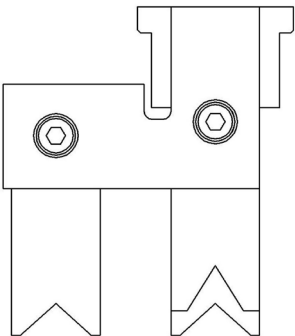


140460-XX

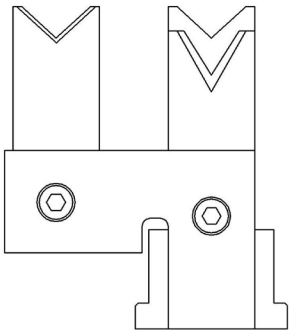
**MULTI-CONDUCTOR WIRE
STRAIGHT EDGE STRIP TA-V**

TOOLHOLDERS

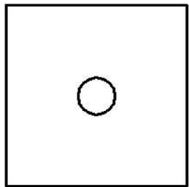
Purchase choices range from a complete assembly, with spacers, to a single toolholder, individual screw or nut. Please contact sales for further information on your specific application.



139958
UPPER BLADE



139959
LOWER BLADE



139960
NUT SP.

ITEM NUMBER	DESCRIPTION
139958	UPPER BAD PROCESS HOLDER
139959	LOWER BAD PROCESS HOLDER
139960	NUT SPEACIAL FOR BAD PROCESS HOLDER

ARTOS MTX MACHINE SERIES

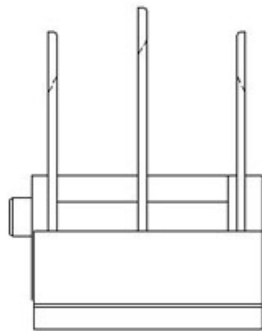
STANDARD BLADE & HOLDER ASSEMBLY

TOOLHOLDERS

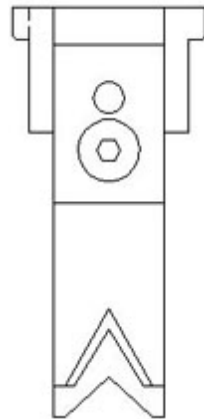
Purchase choices range from a complete assembly, with spacers, to a single toolholder, individual screw or nut. Please contact sales for further information on your specific application.

ITEM NUMBER	DESCRIPTION
5-139329-1	UPPER ASSEMBLY
138826	TOOLHOLDER
132741	STOP
121608	SPACER
138774-1	30 DEGREE STRIP
138828-26	UPPER LONG SPACER
138773	CUT-OFF BLADE
950-839	SCREW SH FLAT M4X10
950-284	SCREW SHC M4X10
138828-27	UPPER SHORT SPACER

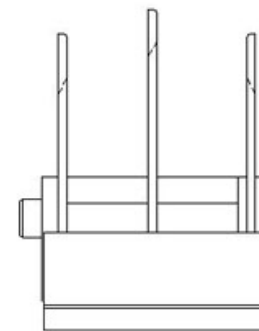
ITEM NUMBER	DESCRIPTION
5-139330-1	LOWER ASSEMBLY
121778-2	TOOL HOLDER
132741	STOP
121608	SPACER
138774-1	30 DEGREE STRIP
138829-26	LOWER SPACER
138773	CUT-OFF BLADE
950-839	SCREW SH FLAT M4X10
950-284	SCREW SHC M4X10



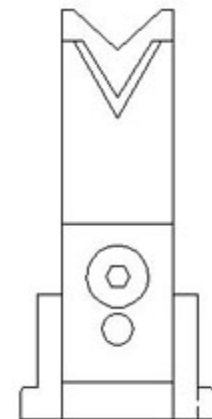
5-139329-X
UPPER ASSY



5-139329-X
UPPER ASSY



5-139330-X
LOWER ASSY



5-139330-X
LOWER ASSY

ARTOS CR-11/CR-22 MACHINE SERIES

UNIVERSAL STRIP & CUT-OFF BLADES CLASS: UN-V

CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to bypass each other. This type cut-off is best used with circular shaped wire. - *Uncoated Blades Available* -

ITEM NUMBER	DESCRIPTION
144954	CUT-OFF



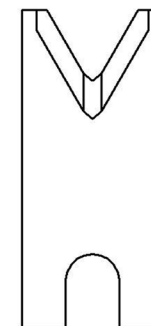
144954

UNI-V UNIVERSAL STRIP BLADE

The sharp edge is ground to an arc that has a small radius. The entry angle lines meet the arc at a tangent point. Unique to this from is an auxiliary angle that intersects the entry angle. This results in greater insulation penetration and a better strip. This patented blade type allows wire sizes from 26 awg to 10 awg to be processed using a single set of blades.

- *Uncoated Blades Available* -

ITEM NUMBER	DESCRIPTION
138774-1	30 DEGREE UNI-V STRIP
138774-2	20 DEGREE UNI-V STRIP



138774-XX

ARTOS CR-11/CR-22 MACHINE SERIES

UNIVERSAL / TANGENT “V” STRIP BLADES CLASS: UN-V / TA-V

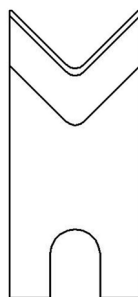
TANGENT ANGLE “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



123238

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
0.2	123238-1	UNIVERSAL ENTRY / TA-V STRIP
0.5	123238-7	UNIVERSAL ENTRY / TA-V STRIP
0.7	123238-9	UNIVERSAL ENTRY / TA-V STRIP
1.0	123238-2	UNIVERSAL ENTRY / TA-V STRIP
1.5	123238-3	UNIVERSAL ENTRY / TA-V STRIP
2.0	123238-4	UNIVERSAL ENTRY / TA-V STRIP
2.8	123238-8	UNIVERSAL ENTRY / TA-V STRIP
3.0	123238-5	UNIVERSAL ENTRY / TA-V STRIP
3.5	123238-10	UNIVERSAL ENTRY / TA-V STRIP
4.0	123238-6	UNIVERSAL ENTRY / TA-V STRIP

ARTOS CR-11/CR-22 MACHINE SERIES

UNIVERSAL STRIP & CUT-OFF BLADES CLASS: UN-V

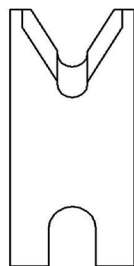
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



140029-XX
AUTO ADJUST

DIA MM SIZE	ITEM NUMBER
0.50	140029-020
0.61	140029-024
0.80	140029-032
0.85	140029-034
1.00	140029-039
1.57	140029-062
1.09	140029-043
1.20	140029-047
1.32	140029-052
1.40	140029-055
1.70	140029-067
1.78	140029-070
2.00	140029-078
2.24	140029-088
2.29	140029-090
2.60	140029-102
2.84	140029-112
3.00	140029-118

DIA MM SIZE	ITEM NUMBER
3.18	140029-125
3.30	140029-130
3.56	140029-140
3.86	140029-152
4.06	140029-160
4.45	140029-175
5.08	140029-220
6.10	140029-240
6.60	140029-280
7.11	140029-280
7.62	140029-300
8.13	140029-320
8.64	140029-340
9.14	140029-360
9.65	140029-380
10.16	140029-400
10.67	140029-420

ARTOS CS-7 MACHINE SERIES

BI-PASS DIE BLADES

DIE TYPE BLADES

Die type blades are made for a specific wire sizes. The cutting edge is drilled to a specific size to closely match the conductor of the wire being processed. When the proper shut height is achieved, the blades will form a complete circle around the conductor, giving a very clean strip. Normally this is the blade of choice for **SJT**, **SVT**, **SJO**, and most round multi-conductor wires.

- SEND WIRE SAMPLES TO LAKES PRECISION, INC.

- *TC Coating Available* -



B-5368-2-XX
BI-PASS DIE BLADES

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
1.8	B-5368-2-47	YW2-RA-070
2.4	B-5368-2-11	YW2-RC-093
2.4	B-5368-2-36	YW2-RA-093
3.2	B-5368-2-34	YW2-RC-125
3.3	B-5368-2-32	YW2-RA-128
3.6	B-5368-2-39	YW2-RC-140
3.6	B-5368-2-40	YW2-RA-140
3.7	B-5368-2-28	YW2-RC-145
4.0	B-5368-2-45	YW2-RC-156
4.0	B-5368-2-46	YW2-RA-156
4.7	B-5368-2-17	YW2-RC-187
4.7	B-5368-2-44	YW2-RA-187
4.9	B-5368-2-37	YW2-RC-191
4.9	B-5368-2-38	YW2-RA-191
5.2	B-5368-2-19	YW2-RC-203
5.2	B-5368-2-43	YW2-RA-203
5.2	B-5368-2-20	YW2-RC-205
5.6	B-5368-2-33	YW2-RC-221
5.9	B-5368-2-5	YW2-RC-234
5.9	B-5368-2-6	YW2-RA-234
6.4	B-5368-2-16	YW2-RC-250
6.6	B-5368-2-2	YW2-RC-260
6.6	B-5368-2-31	YW2-RA-260
7.1	B-5368-2-21	YW2-RC-281

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
7.9	B-5368-2-27	YW2-RC-312
8.2	B-5368-2-22	YW2-RC-323
8.3	B-5368-2-18	YW2-RC-329
8.4	B-5368-2-35	YW2-RA-329
8.7	B-5368-2-14	YW2-RC-343
8.9	B-5368-2-42	YW2-RC-350
9.1	B-5368-2-30	YW2-RC-359
9.3	B-5368-2-23	YW2-RC-366
9.4	B-5368-2-24	YW2-RC-371
9.5	B-5368-2-1	YW2-RC-375
9.8	B-5368-2-25	YW2-RC-386
9.9	B-5368-2-7	YW2-RC-390
9.9	B-5368-2-8	YW2-RA-390
10.1	B-5368-2-29	YW2-RC-397
10.1	B-5368-2-41	YW2-RA-397
10.3	B-5368-2-12	YW2-RC-406
10.6	B-5368-2-3	YW2-RC-418
11.1	B-5368-2-15	YW2-RC-437
11.5	B-5368-2-9	YW2-RC-543
11.5	B-5368-2-10	YW2-RA-453
12.1	B-5368-2-4	YW2-RC-478
12.3	B-5368-2-13	YW2-RC-484
13.5	B-5368-2-26	YW2-RC-530

• THREE LAKES, WI (715) 546-3070 • **CONTACT LAKES PRECISION** • EL PASO, TX (915) 856-6606 •

• EMAIL: BLADES@LAKESPRECISION.COM •

ARTOS CS-7 MACHINE SERIES

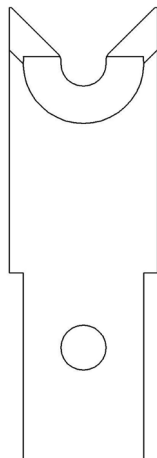
BI-PASS DIE BLADES (WIDE)

DIE TYPE BLADES

Die type blades are made for a specific wire sizes. The cutting edge is drilled to a specific size to closely match the conductor of the wire being processed. When the proper shut height is achieved, the blades will form a complete circle around the conductor, giving a very clean strip. Normally this is the blade of choice for SJT, SVT, SJO, and most round multi-conductor wires.

RA = .125 BLADE THICKNESS / RC = .250 BLADE THICKNESS

- TC Coating Available -



B-5368A-2

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
7.1	B-5368A-2-19	YW3-RC-281
8.7	B-5368A-2-14	YW3-RC-343
11.1	B-5368A-2-11	YW3-RC-437
11.5	B-5368A-2-7	YW3-RC-453
11.9	B-5368A-2-8	YW3-RC-468
11.9	B-5368A-2-12	YW3-RA-468
12.1	B-5368A-2-9	YW3-RC-478
12.1	B-5368A-2-18	YW3-RA-478
12.3	B-5368A-2-3	YW3-RC-484
12.3	B-5368A-2-4	YW3-RA-484

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
12.7	B-5368A-2-2	YW3-RC-500
13.5	B-5368A-2-6	YW3-RC-531
13.9	B-5368A-2-13	YW3-RC-546
14.3	B-5368A-2-10	YW3-RC-562
15.1	B-5368A-2-1	YW3-RC-593
15.5	B-5368A-2-5	YW3-RC-609
16.0	B-5368A-2-15	YW3-RC-630
17.4	B-5368A-2-16	YW3-RC-684
18.8	B-5368A-2-17	YW3-RC-740

ARTOS CS-7 MACHINE SERIES

UNIVERSAL CUT-OFF BLADES CLASS: UN-V

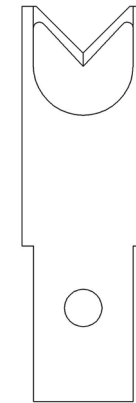
UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
B-5368A-1	WIDE CS-7 UN-V CUT-OFF FOR LARGE O.D. WIRE



B-5368-A-1

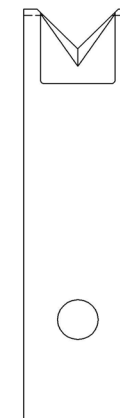
UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

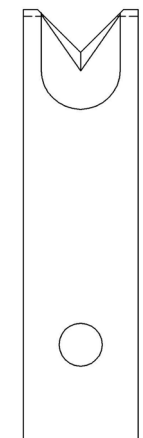
Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
B-5368-13	UN-V THIN CUT-OFF (.124 THICK)
B-5368-1	UN-V THICK CUT-OFF (.249 THICK)



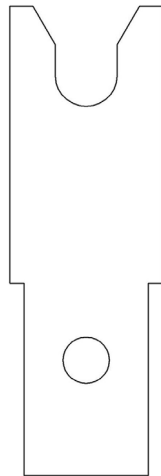
B-5368-13
THIN



B-5368-1
THICK

WIRE GUIDES

Wire guides are used in conjunction with cut and strip blades to precisely guide the conductor into the strip area of the blade. This will help prevent the conductor from coming in contact with the cutting edges of the strip blades, preventing premature strip blade wear.



B-5368A-6-XX

ITEM NUMBER	DESCRIPTION
B-5368A-6-10	YW3-WG-126
B-5368A-6-11	YW3-WG-136
B-5368A-6-1	YW3-WG-187
B-5368A-6-5	YW3-WG-312
B-5368A-6-3	YW3-WG-328
B-5368A-6-4	YW3-WG-359
B-5368A-6-9	YW3-WG-368
B-5368A-6-6	YW3-WG-390
B-5368A-6-6	YW3-WG-421
B-5368A-6-8	YW3-WG-452
B-5368A-6-7	YW3-WG-500
B-5368A-6-2	YW3-WG-689
B-5368A-6-14	YW3-WG-850
B-5368A-6-13	YW3-WG-880
B-5368A-6-15	YW3-WG-940

ARTOS AM-1 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES (15 DEGREE) CLASS: TA-V

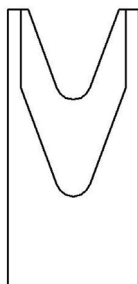
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



67940

ITEM NUMBER	DESCRIPTION
67940-20	V012S TA-V
67940-21	V012L TA-V
67940-22	V022S TA-V
67940-23	V022L TA-V
67940-24	V034S TA-V
67940-25	V034L TA-V
67940-26	V042S TA-V
67940-27	V042L TA-V
67940-28	V052S TA-V
67940-29	V052L TA-V
67940-30	V062S TA-V

ITEM NUMBER	DESCRIPTION
67940-31	V062L TA-V
67940-32	V076S TA-V
67940-33	V076S TA-V
67940-34	V096S TA-V
67940-35	V096L TA-V
67940-36	V112S TA-V
67940-37	V112L TA-V
67940-38	V172S TA-V
67940-39	V172L TA-V
67940-40	V222S TA-V
67940-41	V222L TA-V

ARTOS AM-1 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES (20 DEGREE) CLASS: TA-V

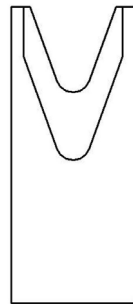
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



123724

ITEM NUMBER	DESCRIPTION
123724-1	V012S TA-V
123724-2	V012L TA-V
123724-3	V022S TA-V
123724-4	V022L TA-V
123724-5	V034S TA-V
123724-6	V034L TA-V
123724-7	V042S TA-V
123724-8	V042L TA-V
123724-9	V052S TA-V
123724-10	V052L TA-V
123724-11	V062S TA-V

ITEM NUMBER	DESCRIPTION
123724-12	V062 L TA-V
123724-13	V076S TA-V
123724-14	V076L TA-V
123724-15	V096S TA-V
123724-16	V096L TA-V
123724-17	V112S TA-V
123724-18	V112L TA-V
123724-19	V172A TA-V
123724-20	V172L TA-V
123724-21	V222A TA-V
123724-22	V222L TA-V

DIE TYPE BLADES

The die-type blade has a fixed shut height. The cutting edge is precisely drilled to an exact radius dimension for the conductor diameter. The insulation wall is contained in a counter-bore drilled around cutting edge.

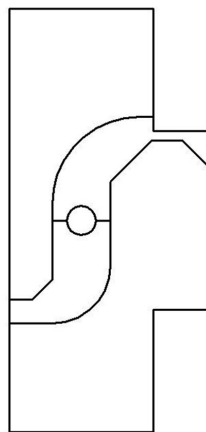
This type of blade is the most exactly matched blade to the wire specification, giving a very precise insulation removal. This is excellent for removal of extremely thin insulation walls or where the outer jacket is oval shaped, and is also very useful for processing solid conductor insulated wire. Normally this is the blade of choice for *SJT*, *SVT*, *SJO*, coaxial cable outer jacket removal, and many round multi-conductor wires.

Die blades are manufactured to the exact wire specifications. Blades can be produced for most any wire.

- For a specific blade size or application, contact Lakes Precision, Inc. -

- *TC Coating Available* -

ITEM NUMBER	DESCRIPTION
A1-XXX-XXX	AM-1 DIE TYPE BLADES

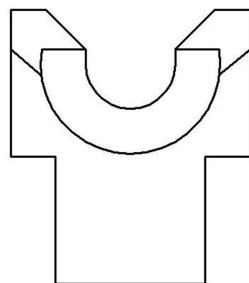


A1-XXX-XXX

DIE TYPE BLADES

Die type blades are made for a specific wire sizes. The cutting edge is drilled to a specific size to closely match the conductor of the wire being processed. When the proper shut height is achieved, the blades will form a complete circle around the conductor, giving a very clean strip. Normally this is the blade of choice for SJT, SVT, SJO, and most round multi-conductor wires.

- TC Coating Available -



67941

DIA SIZE	ITEM NUMBER	DESCRIPTION
.156	67941-1	BI-PASS DIE BLADE
.187	67941-2	BI-PASS DIE BLADE
.172	67941-21	BI-PASS DIE BLADE
.205	67941-3	BI-PASS DIE BLADE
.228	67941-18	BI-PASS DIE BLADE
.234	67941-4	BI-PASS DIE BLADE
.250	67941-20	BI-PASS DIE BLADE
.266	67941-5	BI-PASS DIE BLADE
.281	67941-6	BI-PASS DIE BLADE
.290	67941-17	BI-PASS DIE BLADE

DIA SIZE	ITEM NUMBER	DESCRIPTION
.312	67941-7	BI-PASS DIE BLADE
.343	67941-8	BI-PASS DIE BLADE
.358	67941-9	BI-PASS DIE BLADE
.366	67941-10	BI-PASS DIE BLADE
.375	67941-11	BI-PASS DIE BLADE
.386	67941-12	BI-PASS DIE BLADE
.397	67941-13	BI-PASS DIE BLADE
.406	67941-14	BI-PASS DIE BLADE
.421	67941-15	BI-PASS DIE BLADE
.437	67941-16	BI-PASS DIE BLADE
.484	67941-17	BI-PASS DIE BLADE

ARTOS AM-1 MACHINE SERIES

TANGENT RADIUS “V” CUT-OFF BLADES CLASS: TA-V

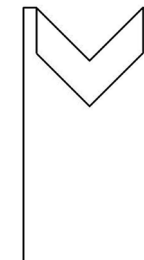
TANGENT ANGLE CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
67940-8	THICK CLA CUT-OFF
67940-9	THICK WSCA CUT-OFF
67940-10	THICK SCA CUT-OFF
67940-11	THIN CL CUT-OFF
67940-12	THIN WSC CUT-OFF
67940-13	THIN SC CUT-OFF



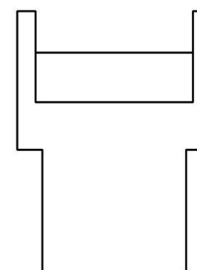
67940-XX
CL / CLA

COLLINEAR ANGLE CUT-OFF BLADES

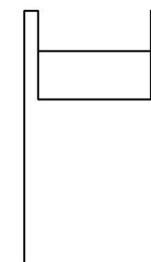
Sharp edge is ground to a flat collinear angle

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -



67940-XX
WSC / WSCA



67940-XX
SC / SCA

ARTOS AM-1 MACHINE SERIES

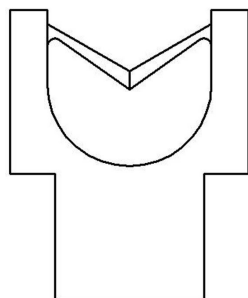
WIDE ENTRY ANGLE CUT-OFF BLADES CLASS: WE-A

WIDE ENTRY ANGLE CUT-OFF

The sharp edge is ground at an angle that results in a “V” opening above 90 degrees. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edge cut by slicing, creating a gradual cut. The wide angle allows for a wider range of wire sizes to be cut with the same blades. This type of cut-off is best used with circular shaped wire.

- TC Coating Available -

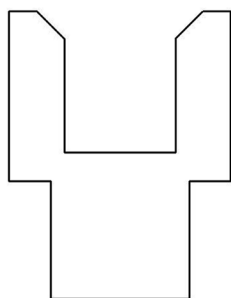


67942-XX

ITEM NUMBER	THICKNESS	ANGLE	DESCRIPTION
67942-1	1/8 THICK	120 DEGREE	WE-A CUT-OFF
67942-2	3/16 THICK	120 DEGREE	WE-A CUT-OFF

WIRE GUIDES

Wire guides are used in conjunction with cut and strip blades to precisely guide the conductor into the strip area of the blade. This will help prevent the conductor from coming in contact with the cutting edges of the strip blades, preventing premature strip blade wear.



122236

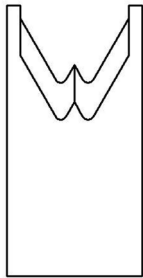
WIRE GUIDE INCH SIZE	ITEM NUMBER
.130	122236-36
.160	122236-35
.175	122236-1
.185	122236-2
.195	122236-3
.205	122236-4
.215	122236-5
.225	122236-6
.235	122236-7
.245	122236-8
.255	122236-9
.265	122236-10
.275	122236-11
.285	122236-12
.295	122236-13
.305	122236-14
.315	122236-15
.325	122236-16

ITEM NUMBER	ITEM NUMBER
.345	122236-17
.355	122236-18
.365	122236-19
.375	122236-20
.385	122236-21
.395	122236-22
.405	122236-23
.415	122236-24
.425	122236-25
.435	122236-26
.445	122236-27
.455	122236-28
.465	122236-29
.475	122236-30
.485	122236-31
.495	122236-32
.505	122236-33
.546	122236-34

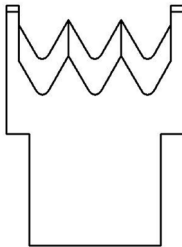
SPECIAL APPLICATION BLADES

Lakes Precision, Inc. also provides blades for special applications. A few examples are shown here. For blades to meet your specific application please contact Lakes Precision, Inc.

- TC Coating Available -

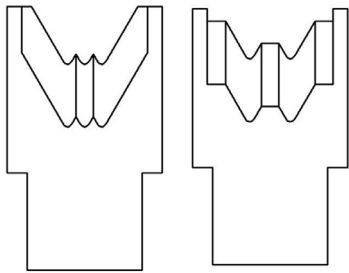


122035-XX
MUTLI-CONDUCTOR

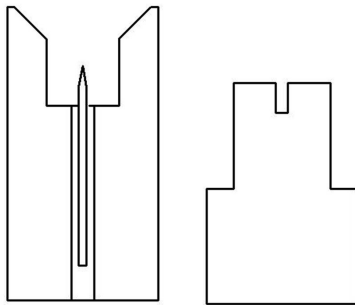


122157-XX
MULTI-CONDUCTOR

ITEM NUMBER	DESCRIPTION
122035-XX	2V TANGENT RADIUS “V” BLADE
122157-XX	3V TANGENT RADIUS “V” BLADE
122949-XX	3V STRIPPING & CUT BLADE
5-122180-XX	SLITTING BLOCK & PUSHER



122949-XX
MULTI-CONDUCTOR



5-122180-XX

ARTOS AM-1 MACHINE SERIES

SPACERS / SPACER SETS AM-1 / AM-2

VARIABLE SPACERS

The wire end strip dimension is obtained by physically inserting spacers of different thickness in-between the blade bodies. The assembly is then held in place by set screws or other fastening devices.

This system involves measurement calculations in order to figure the correct spacer-blade combinations. Because of its inherent cumbersome nature, it is highly recommended that this setup be performed in anticipation to a scheduled production run.

To optimize equipment productivity, it is a good idea to have several sets of pre-assembled blade mounts ready for production schedules.



120145-XX

ITEM NUMBER	SIZE	DESCRIPTION
120145-1	.0310	SPACER
120145-2	.0620	SPACER
120145-3	.1245	SPACER
120145-4	.2500	SPACER
120145-5	.5000	SPACER
120145-6	1.000	SPACER

ITEM NUMBER	DESCRIPTION
5-120120	AM-1 SPACER SET
5-120121	AM-2 SPACER SET

ARTOS AM-2 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V

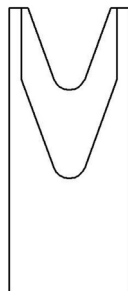
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



66653

ITEM NUMBER	DESCRIPTION
66653-20	V012S TA-V
66653-21	V012L TA-V
66653-22	V022S TA-V
66653-23	V022L TA-V
66653-24	V034S TA-V
66653-25	V034L TA-V
66653-26	V042S TA-V
66653-27	V042L TA-V
66653-28	V052S TA-V
66653-29	V052L TA-V
66653-30	V062S TA-V
66653-31	V062L TA-V

ITEM NUMBER	DESCRIPTION
66653-32	V076S TA-V
66653-33	V076L TA-V
66653-34	V096S TA-V
66653-35	V096L TA-V
66653-36	V112S TA-V
66653-37	V112L TA-V
66653-38	V172A TA-V
66653-39	V172L TA-V
66653-40	V222A TA-V
66653-41	V222L TA-V
66653-42	V250A TA-V
66653-43	V350A TA-V

DIE TYPE BLADES

The die-type blade has a fixed shut height. The cutting edge is precisely drilled to an exact radius dimension for the conductor diameter. The insulation wall is contained in a counter-bore drilled around cutting edge.

This type of blade is the most exactly matched blade to the wire specification, giving a very precise insulation removal. This is excellent for removal of extremely thin insulation walls or where the outer jacket is oval shaped, and is also very useful for processing solid conductor insulated wire. Normally this is the blade of choice for *SJT*, *SVT*, *SJO*, coaxial cable outer jacket removal, and many round multi-conductor wires.

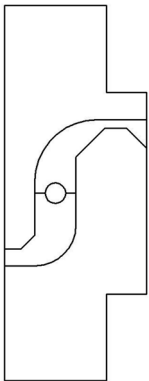
Die blades are manufactured to the exact wire specifications. Blades can be produced for most any wire.

- For a specific blade size or application, contact Lakes Precision, Inc. -

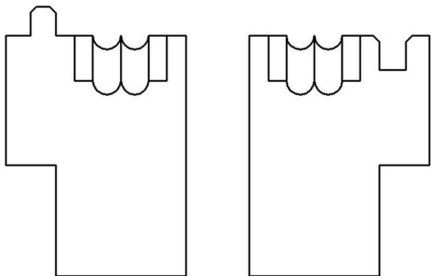
- *TC Coating Available* -

ITEM NUMBER	DESCRIPTION
A2-XXX-XXX	AM-2 DIE TYPE BLADES
123314-XX	AM-2 DIE TYPE BLADE

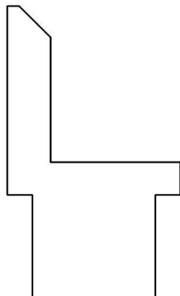
ITEM NUMBER	DESCRIPTION
123315-XX	AM-2 WIRE GUIDE



A2-XXX-XXX



123314-XX

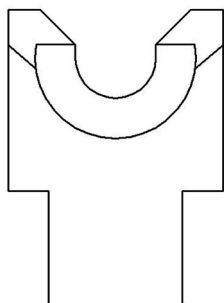


123315-XX

DIE TYPE BLADES

Die type blades are made for a specific wire sizes. The cutting edge is drilled to a specific size to closely match the conductor of the wire being processed. When the proper shut height is achieved, the blades will form a complete circle around the conductor, giving a very clean strip. Normally this is the blade of choice for *SJT*, *SVT*, *SJO*, and most round multi-conductor wires.

- TC Coating Available -



66649

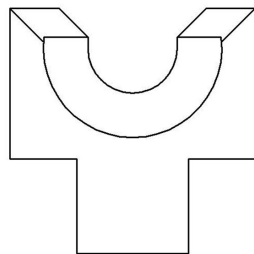
DIASIZE	ITEM NUMBER	DESCRIPTION
.140	66649-24	BI-PASS DIE BLADE
.156	66649-1	BI-PASS DIE BLADE
.187	66649-2	BI-PASS DIE BLADE
.193	66649-30	BI-PASS DIE BLADE
.205	66649-3	BI-PASS DIE BLADE
.221	66649-23	BI-PASS DIE BLADE
.224	66649-27	BI-PASS DIE BLADE
.234	66649-4	BI-PASS DIE BLADE
.242	66649-28	BI-PASS DIE BLADE
.250	66649-26	BI-PASS DIE BLADE
.266	66649-5	BI-PASS DIE BLADE
.272	66649-21	BI-PASS DIE BLADE
.281	66649-6	BI-PASS DIE BLADE
.299	66649-29	BI-PASS DIE BLADE
.307	66649-25	BI-PASS DIE BLADE

DIASIZE	ITEM NUMBER	DESCRIPTION
.312	66649-7	BI-PASS DIE BLADE
.323	66649-17	BI-PASS DIE BLADE
.332	66649-22	BI-PASS DIE BLADE
.343	66649-8	BI-PASS DIE BLADE
.358	66649-9	BI-PASS DIE BLADE
.366	66649-10	BI-PASS DIE BLADE
.375	66649-11	BI-PASS DIE BLADE
.386	66649-12	BI-PASS DIE BLADE
.397	66649-13	BI-PASS DIE BLADE
.406	66649-14	BI-PASS DIE BLADE
.421	66649-15	BI-PASS DIE BLADE
.437	66649-16	BI-PASS DIE BLADE
.462	66649-18	BI-PASS DIE BLADE
.478	66649-19	BI-PASS DIE BLADE
.515	66649-20	BI-PASS DIE BLADE

DIE TYPE BLADES

Die type blades are made for a specific wire sizes. The cutting edge is drilled to a specific size to closely match the conductor of the wire being processed. When the proper shut height is achieved, the blades will form a complete circle around the conductor, giving a very clean strip. Normally this is the blade of choice for *SJT*, *SVT*, *SJO*, and most round multi-conductor wires.

- *TC Coating Available* -



66652-XX

DIA SIZE	ITEM NUMBER	DESCRIPTION
.296	66652-26	BI-PASS DIE BLADE
.358	66652-1	BI-PASS DIE BLADE
.421	66652-2	BI-PASS DIE BLADE
.437	66652-29	BI-PASS DIE BLADE
.453	66652-3	BI-PASS DIE BLADE
.468	66652-4	BI-PASS DIE BLADE
.478	66652-5	BI-PASS DIE BLADE
.484	66652-6	BI-PASS DIE BLADE
.500	66652-7	BI-PASS DIE BLADE
.515	66652-8	BI-PASS DIE BLADE
.531	66652-9	BI-PASS DIE BLADE
.546	66652-10	BI-PASS DIE BLADE
.562	66652-11	BI-PASS DIE BLADE
.578	66652-12	BI-PASS DIE BLADE
.593	66652-13	BI-PASS DIE BLADE

DIA SIZE	ITEM NUMBER	DESCRIPTION
.609	66652-14	BI-PASS DIE BLADE
.625	66652-15	BI-PASS DIE BLADE
.640	66652-16	BI-PASS DIE BLADE
.671	66652-17	BI-PASS DIE BLADE
.687	66652-18	BI-PASS DIE BLADE
.703	66652-31	BI-PASS DIE BLADE
.718	66652-27	BI-PASS DIE BLADE
.750	66652-19	BI-PASS DIE BLADE
.797	66652-24	BI-PASS DIE BLADE
.828	66652-22	BI-PASS DIE BLADE
.844	66652-21	BI-PASS DIE BLADE
.875	66652-25	BI-PASS DIE BLADE
.905	66652-28	BI-PASS DIE BLADE
.968	66652-30	BI-PASS DIE BLADE
1.000	66652-23	BI-PASS DIE BLADE

ARTOS AM-2 MACHINE SERIES

TANGENT RADIUS “V” CUT-OFF BLADES CLASS: TA-V

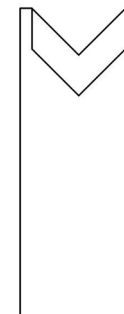
TANGENT ANGLE CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
66653-8	THICK CLA CUT-OFF
66653-9	THICK WSCA CUT-OFF
66653-10	THICK SCA CUT-OFF
66653-11	THIN CL CUT-OFF
66653-12	THIN WSC CUT-OFF
66653-13	THIN SC CUT-OFF



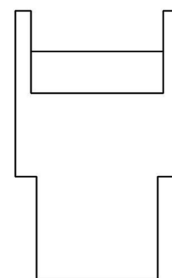
66653-XX
CL / CLA

COLLINEAR ANGLE CUT-OFF BLADES

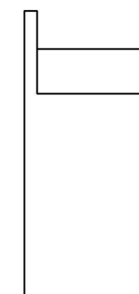
Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -



66653-XX
WSC / WSCA



66653-XX
SC / SCA

ARTOS AM-2 MACHINE SERIES

WIDE ENTRY ANGLE CUT-OFF BLADES CLASS: WE-A

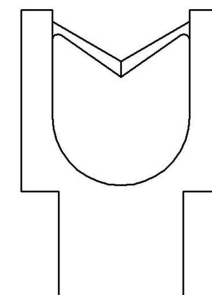
WIDE ENTRY ANGLE CUT-OFF

The sharp edge is ground at an angle that results in a “V” opening above 90 degrees. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edge cut by slicing, creating a gradual cut. The wide angle allows for a wider range of wire sizes to be cut with the same blades. This type of cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	THICKNESS	ANGLE ENTRY	DESCRIPTION
66648-1	.1245	120	WE-A CUT-OFF
66648-2	.1870	120	WE-A CUT-OFF



66648-XX

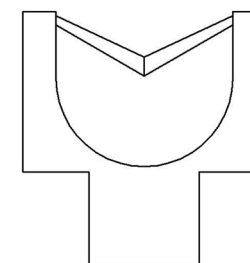
WIDE ENTRY ANGLE CUT-OFF

The sharp edge is ground at an angle that results in a “V” opening above 90 degrees. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edge cut by slicing, creating a gradual cut. The wide angle allows for a wider range of wire sizes to be cut with the same blades. This type of cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	THICKNESS	ANGLE ENTRY	DESCRIPTION
66651-1	-----	130	WE-A CUT-OFF

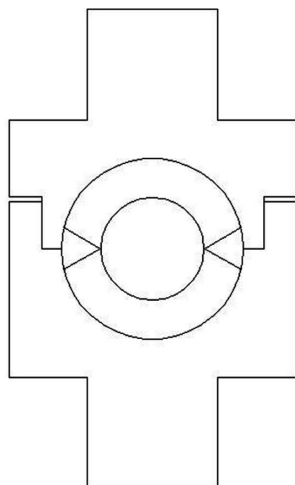


66651

DIE TYPE BLADES

Die type blades are made for a specific wire sizes. The cutting edge is drilled to a specific size to closely match the conductor of the wire being processed. When the proper shut height is achieved, the blades will form a complete circle around the conductor, giving a very clean strip. Normally this is the blade of choice for *SJT*, *SVT*, *SJO*, and most round multi-conductor wires.

- *TC Coating Available* -



81111-XX

DIA SIZE	ITEM NUMBER
.087	81111-49
.093	81111-51
.098	81111-48
.118	81111-50
.135	81111-47
.149	81111-45
.156	81111-1
.172	81111-46
.187	81111-2
.205	81111-3
.218	81111-35
.228	81111-4
.234	81111-5
.250	81111-6
.261	81111-43
.266	81111-7
.281	81111-8

DIA SIZE	ITEM NUMBER
.290	81111-39
.302	81111-40
.312	81111-9
.316	81111-44
.323	81111-38
.332	81111-37
.343	81111-10
.358	81111-11
.366	81111-12
.375	81111-13
.386	81111-14
.397	81111-15
.406	81111-16
.421	81111-17
.437	81111-18
.453	81111-19
.468	81111-20

DIA SIZE	ITEM NUMBER
.478	81111-21
.484	81111-22
.500	81111-23
.515	81111-24
.531	81111-25
.543	81111-42
.546	81111-26
.562	81111-27
.578	81111-28
.593	81111-29
.609	81111-30
.625	81111-31
.640	81111-32
.671	81111-33
.687	81111-34
.734	81111-41
.750	81111-36

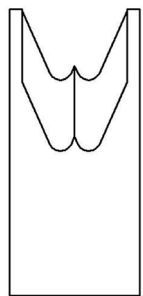
ARTOS AM-2 MACHINE SERIES

SPECIAL APPLICATION BLADES CLASS TA-V

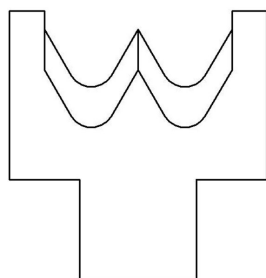
- FOR MORE INFORMATION ON THESE BLADES, PLEASE CONTACT LAKES PRECISION, INC.

- SEND WIRE SAMPLES TO LAKES PRECISION, INC.

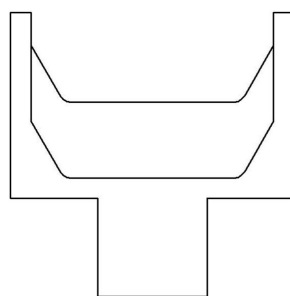
- *TC Coating Available* -



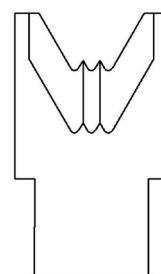
120488-XX



122450-XX

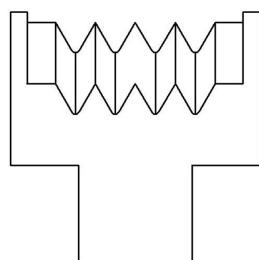


83698-XX

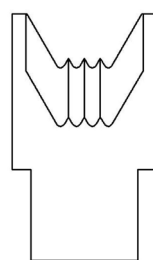


66654-XX

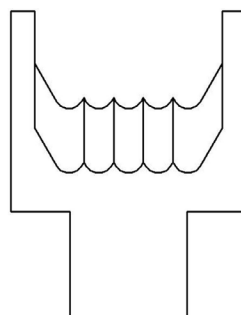
ITEM NUMBER	DESCRIPTION
124088-XX	MULTI CONDUCTOR 2V
122450-XX	MULTI CONDUCTOR 2V
83698-XX	MULTI CONDUCTOR TA-V
66654-XX	MULTI CONDUCTOR 3V
85380-XX	MULTI CONDUCTOR 4V
86766-XX	MULTI CONDUCTOR 4V
64340-XX	MULTI CONDUCTOR 5V
83697-XX	MULTI CONDUCTOR 7V



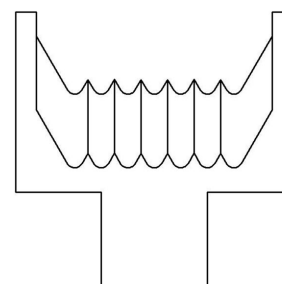
85380-XX



86766-XX



64340-XX



83697-XX

• THREE LAKES, WI (715) 546-3070 • **CONTACT LAKES PRECISION** • EL PASO, TX (915) 856-6606 •

• EMAIL: BLADES@LAKESPRECISION.COM •

ARTOS AM-2 MACHINE SERIES

SLITTING BLOCKS & PUSHERS

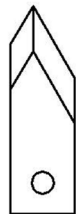


WIRE SLITTER

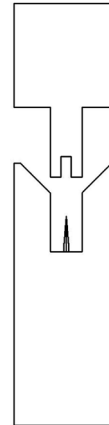
The wire splitter is used to slit multiple conductor wire, separating the individual conductors from each other. Wire slitters are fitted to the wire. For help in choosing the correct slitters for your application, please contact Lakes Precision, Inc.

- SEND WIRE SAMPLES TO LAKES PRECISION, INC.

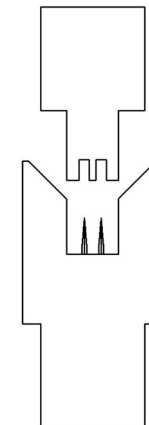
- *TC Coating Available* -



**H-22896
SLITTER KNIFE**



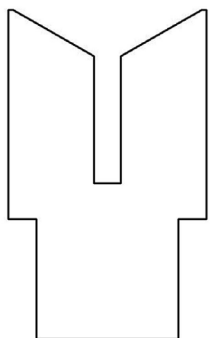
**5-120495-XX
2 CONDUCTOR**



**5-120497-XX
3 CONDUCTOR**

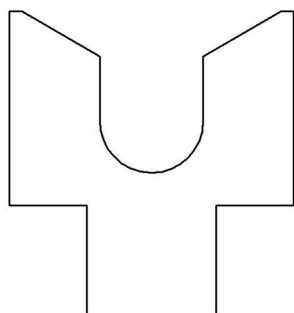
WIRE GUIDES

Wire guides are used in conjunction with cut and strip blades to precisely guide the conductor into the strip area of the blade. This will help prevent the conductor from coming in contact with the cutting edges of the strip blades, preventing premature strip blade wear.



69402-XX

STYLE 1



STYLE 2

WIRE GUIDE INCH SIZE	ITEM NUMBER
.125	69402-52
.163	69402-51
.180	69402-54
.195	69402-49
.200	69402-32
.205	69402-50
.215	69402-48
.225	69402-42
.242	69402-47
.252	69402-39
.266	69402-28
.284	69402-31
.296	69402-41
.300	69402-30
.312	69402-12
.312	69402-40
.320	69402-46
.327	69402-64
.335	69402-43
.343	69402-4
.358	69402-6
.366	69402-29

WIRE GUIDE INCH SIZE	ITEM NUMBER
.375	69402-3
.386	69402-7
.400	69402-4
.406	69402-5
.415	69402-37
.425	69402-58
.437	69402-2
.450	69402-18
.468	69402-19
.485	69402-53
.490	69402-45
.500	69402-8
.515	69402-20
.531	69402-27
.546	69402-15
.570	69402-33
.593	69402-13
.610	69402-22
.625	69402-1
.640	69402-10
.650	69402-23

WIRE GUIDE INCH SIZE	ITEM NUMBER
.670	69402-16
.687	69402-14
.703	69402-26
.710	69402-21
.720	69402-11
.750	69402-17
.780	69402-38
.800	69402-34
.810	69402-55
.830	69402-24
.845	69402-36
.880	69402-62
.925	69402-56
.932	69402-60
.950	69402-59
1.020	69402-35
1.055	69402-57
1.100	69402-25
1.156	69402-9
1.250	69402-61
1.290	69402-63

ARTOS AM-2 MACHINE SERIES

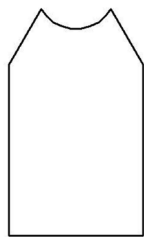
SPECIAL APPLICATION BLADES WIRE STOPS



SPECIAL APPLICATION BLADES

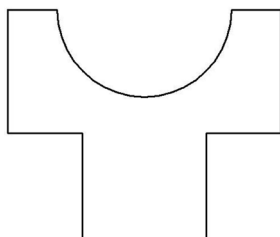
Lakes Precision, Inc. also provides blades for special applications. A few examples are shown here. For blades to meet your specific application please contact Lakes Precision, Inc.

- SEND CUSTOMER WIRE SAMPLE TO LAKES PRECISION, INC.



122045-XX

WIRE STOP



69403-XX

WIRE STOP

ITEM NUMBER	DESCRIPTION
122045-XX	WIRE STOP
69403-XX	WIRE STOP

DIE TYPE BLADES

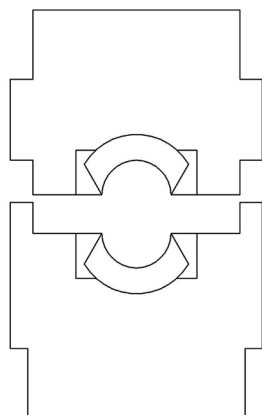
The die-type blade has a fixed shut height. The cutting edge is precisely drilled to an exact radius dimension for the conductor diameter. The insulation wall is contained in a counter-bore drilled around cutting edge.

This type of blade is the most exactly matched blade to the wire specification, giving a very precise insulation removal. This is excellent for removal of extremely thin insulation walls or where the outer jacket is oval shaped, and is also very useful for processing solid conductor insulated wire. Normally this is the blade of choice for *SJT*, *SVT*, *SJO*, coaxial cable outer jacket removal, and many round multi-conductor wires.

Die blades are manufactured to the exact wire specifications. Blades can be produced for most any wire.

- For a specific blade size or application, contact Lakes Precision, Inc. -

- *TC Coating Available* -



110251-XX

DIA SIZE	ITEM NUMBER
.082	110251-20
.089	110251-22
.149	110251-30
.177	110251-21
.187	110251-29
.191	110251-26
.246	110251-11
.266	110251-24
.281	110251-8
.296	110251-7
.312	110251-31
.323	110251-25

DIA SIZE	ITEM NUMBER
.343	110251-23
.359	110251-10
.397	110251-28
.406	110251-33
.437	110251-12
.453	110251-32
.468	110251-34
.484	110251-14
.500	110251-13
.531	110251-19
.562	110251-15
.578	110251-36

DIA SIZE	ITEM NUMBER
.593	110251-6
.609	110251-27
.625	110251-9
.672	110251-35
.734	110251-3
.796	110251-16
.828	110251-4
.859	110251-1
.875	110251-5
.906	110251-2
.921	110251-17
1.050	110251-18

DIE TYPE BLADES

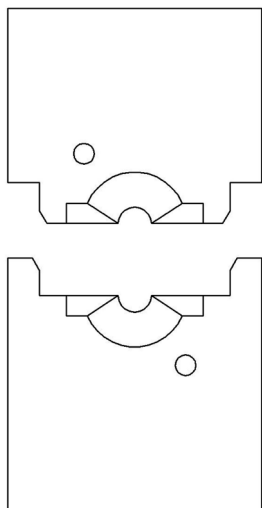
The die-type blade has a fixed shut height. The cutting edge is precisely drilled to an exact radius dimension for the conductor diameter. The insulation wall is contained in a counter-bore drilled around cutting edge.

This type of blade is the most exactly matched blade to the wire specification, giving a very precise insulation removal. This is excellent for removal of extremely thin insulation walls or where the outer jacket is oval shaped, and is also very useful for processing solid conductor insulated wire. Normally this is the blade of choice for SJT, SVT, SJO, coaxial cable outer jacket removal, and many round multi-conductor wires.

Die blades are manufactured to the exact wire specifications. Blades can be produced for most any wire.

- For a specific blade size or application, contact Lakes Precision, Inc. -

- *TC Coating Available* -



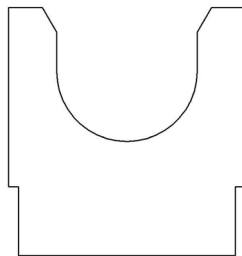
LPI-282-XX

ITEM NUMBER	MM DIA SIZE	DESCRIPTION
LPI282-12	0.5	DIE TYPE BLADE
LPI282-5	1.4	DIE TYPE BLADE
LPI282-13	3.3	DIE TYPE BLADE
LPI282-14	3.5	DIE TYPE BLADE
LPI282-21	4.0	DIE TYPE BLADE
LPI282-15	4.5	DIE TYPE BLADE
LPI282-2	4.8	DIE TYPE BLADE
LPI282-3	4.9	DIE TYPE BLADE
LPI282-4	5.0	DIE TYPE BLADE
LPI282-1	5.2	DIE TYPE BLADE
LPI282-18	5.25	DIE TYPE BLADE

ITEM NUMBER	MM DIA SIZE	DESCRIPTION
LPI282-19	5.4	DIE TYPE BLADE
LPI282-16	6.5	DIE TYPE BLADE
LPI282-6	8.3	DIE TYPE BLADE
LPI282-7	8.4	DIE TYPE BLADE
LPI282-8	8.5	DIE TYPE BLADE
LPI282-9	8.6	DIE TYPE BLADE
LPI282-10	8.7	DIE TYPE BLADE
LPI282-11	8.8	DIE TYPE BLADE
LPI282-20	13.8	DIE TYPE BLADE
LPI282-22	14.0	DIE TYPE BLADE
LPI282-17	15.0	DIE TYPE BLADE

WIRE GUIDES

Wire guides are used in conjunction with cut and strip blades to precisely guide the conductor into the strip area of the blade. This will help prevent the conductor from coming in contact with the cutting edges of the strip blades, preventing premature strip blade wear.



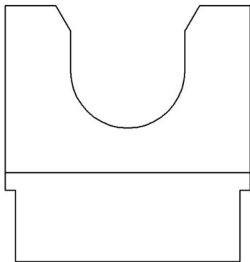
110252-XX

WIRE GUIDE DIA SIZE	ITEM NUMBER
0.236	110252-24
0.312	110252-12
0.324	110252-10
0.366	110252-23
0.386	110252-7
0.406	110252-8
0.412	110252-26
0.438	110252-9
0.470	110252-20
0.486	110252-25
0.516	110252-11
0.550	110252-19
0.566	110252-27
0.580	110252-22
0.656	110252-13
0.702	110252-5
0.750	110252-14
0.790	110252-21

WIRE GUIDE DIA SIZE	ITEM NUMBER
0.810	110252-35
0.820	110252-28
0.842	110252-6
0.906	110252-4
0.940	110252-29
0.950	110252-34
0.984	110252-2
1.000	110252-31
1.020	110252-1
1.040	110252-16
1.090	110252-15
1.112	110252-33
1.136	110252-3
1.150	110252-32
1.230	110252-17
1.252	110252-30
1.430	110252-18

WIRE GUIDES

Wire guides are used in conjunction with cut and strip blades to precisely guide the conductor into the strip area of the blade. This will help prevent the conductor from coming in contact with the cutting edges of the strip blades, preventing premature strip blade wear.



119224-XX

ITEM NUMBER	WIRE GUIDE DIA SIZE	DESCRIPTION
119224-2	0.38	WG WITH STEP
119224-1	0.47	WG WITH STEP
119224-3	0.80	WG WITH STEP
119224-4	1.06	WG WITH STEP

ARTOS AM-015 MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES



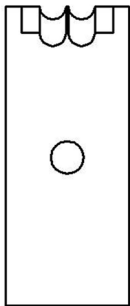
COLLINEAR RADIUS TYPE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123028-XX
2 CONDUCTOR

ITEM NUMBER	DESCRIPTION
123028-XX	AM-015 CL-R STRIP

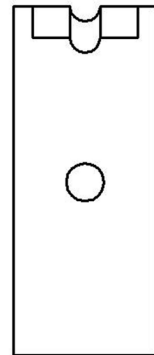
COLLINEAR RADIUS TYPE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122594

DIA SIZE	ITEM NUMBER
.0118	122594-32
.0158	122594-33
.0196	122594-29
.0274	122594-1
.0314	122594-2
.0354	122594-3
.0394	122594-4
.0432	122594-5
.0472	122594-6
.0512	122594-7
.0552	122594-8
.0590	122594-9
.0630	122594-10
.0670	122594-11
.0708	122594-12
.0748	122594-13
.0788	122594-14

DIA SIZE	ITEM NUMBER
.0826	122594-15
.0866	122594-16
.0906	122594-17
.0944	122594-18
.0984	122594-19
.1024	122594-20
.1062	122594-21
.1102	122594-22
.1142	122594-23
.1180	122594-24
.1220	122594-25
.1260	122594-26
.1300	122594-27
.1338	122594-28
.1456	122594-31
.1574	122594-30

ARTOS AM-015 MACHINE SERIES

STRAIGHT EDGE STRIP BLADES CLASS: CL-A

COLLINEAR ANGLE STRIP

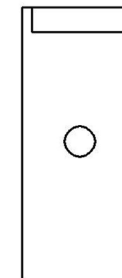
Sharp edge is ground to a flat collinear angle.

This class of blade was designed to allow multiple conductor wire to be processed with one set of blades. This class is also used in many rotary strip models. The main advantage of this class is the ability to process many different wire gauges with the same blades, (dependent upon machine function).

There will always be a percentage of insulation tear with this class of blade. This class does not work well with thin wall insulation.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
122590	AM-015 STRAIGHT EDGE STRIP



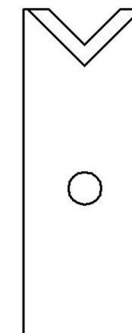
UNIVERSAL STRIP BLADES - 20 DEGREE

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
122589	UN-V STRIP (20 DEGREE)



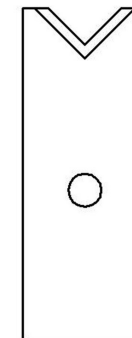
UNIVERSAL STRIP BLADES - 30 DEGREE

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
122702	UN-V STRIP (30 DEGREE)



ARTOS AM-015 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V



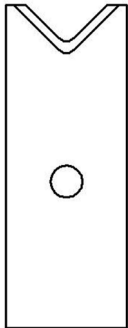
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



122842-XX

ITEM NUMBER	DESCRIPTION
122842-XX	AM-015 TA-V STRIP

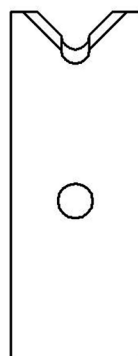
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122592

DIA SIZE	ITEM NUMBER
.0158	122592-29
.0196	122592-33
.0236	122592-30
.0276	122592-34
.0314	122592-28
.0354	122592-31
.0394	122592-1
.0432	122592-2
.0472	122592-3
.0512	122592-4
.0552	122592-5
.0590	122592-6
.0630	122592-7
.0670	122592-8
.0708	122592-9
.0748	122592-10
.0788	122592-11
.0812	122592-32

DIA SIZE	ITEM NUMBER
.0826	122592-12
.0866	122592-13
.0906	122592-14
.0944	122592-15
.0984	122592-16
.102	122592-17
.1062	122592-18
.1102	122592-19
.1142	122592-20
.1180	122592-21
.1220	122592-22
.1260	122592-23
.1300	122592-24
.1338	122592-25
.1575	122592-26
.1654	122592-35
.180	122592-27

ARTOS AM ALL-ROUND MACHINE SERIES

DRILLED DIE TYPE

DRILLED DIE TYPE BLADES

The die-type blade has a fixed shut height. The cutting edge is precisely drilled to an exact radius dimension for the conductor diameter. The insulation wall is contained in a counter-bore drilled around cutting edge.

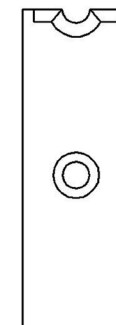
This type of blade is the most exactly matched blade to the wire specification, giving a very precise insulation removal. This is excellent for removal of extremely thin insulation walls or where the outer jacket is oval shaped, and is also very useful for processing solid conductor insulated wire. Normally this is the blade of choice for *SJT*, *SVT*, *SJO*, coaxial cable outer jacket removal, and many round multi-conductor wires.

Die blades are manufactured to the exact wire specifications. Blades can be produced for most any wire.

- For a specific blade size or application, contact Lakes Precision, Inc. -

- *TC Coating Available* -

ITEM NUMBER	DESCRIPTION
122972-XX	AM ALL-ROUND DRILLED DIE BLADE



122972

ARTOS AM ALL-ROUND MACHINE SERIES

COLLINEAR ANGLE ROTARY STRIP BLADES CLASS: CL-A

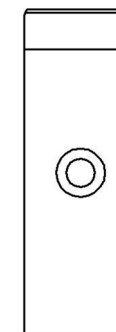
COLLINEAR ANGLE ROTARY BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- *TC Coating Available* -

ITEM NUMBER	DESCRIPTION
122560	CL-A / ROTARY STRIP



122560

ARTOS CS-36 & CS-37 MACHINE SERIES

UNIVERSAL CUT / STRIP BLADES CLASS: UN-V

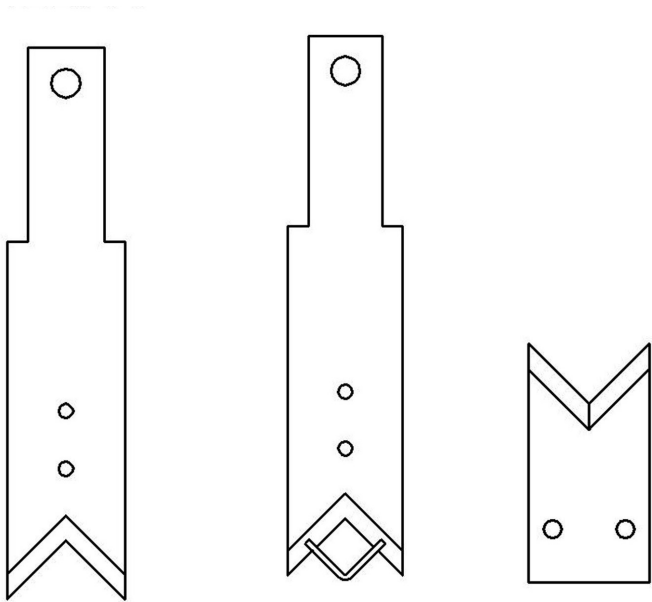


UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



122036

114988

114987

ITEM NUMBER	DESCRIPTION
122036	CS-37 UPPER BLADE (MOVABLE)
114987	CS-36 UPPER BLADE (MOVABLE)
114988	CS-36 / CS-37 LOWER BLADE (FIXED)

ARTOS CS-330 MACHINE SERIES

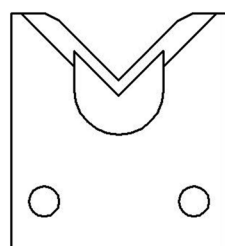
UNIVERSAL NEW STYLE LEFT & RIGHT BLADES CLASS: UN-V

UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

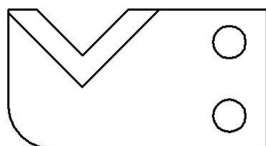
Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



122159

ITEM NUMBER	DESCRIPTION
122159-1	LONG BLADE
122159-2	SHORT BLADE

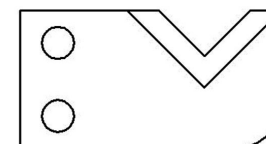


122235-1
LEFT BLADE

ITEM NUMBER	DESCRIPTION
122235-1	LEFT BLADE
122235-2	RIGHT BLADE

122235-XX

(1) 122235-1 & (1) 122235-2 = PAIR



122235-2
RIGHT BLADE

ARTOS CS-336 & 337 MACHINE SERIES

COLLINEAR ANGLE CUT-OFF BLADES CLASS: CL-A

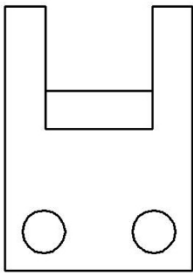


COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -



122462

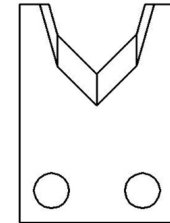
ITEM NUMBER	MARK	DESCRIPTION
122462	-----	CL-A CUT-OFF

UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

ITEM NUMBER	OEM #	DESCRIPTION
122282-1	LB-1253	NON-COATED UN-V
122282-2	LB-1725	TIN COATED UN-V
122282-4	-----	CARBIDE
122282-5	-----	TITANIUM CARBONITRIDE



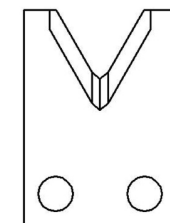
122282

UNI-V UNIVERSAL STRIP BLADE

The sharp edge is ground to an arc that has a small radius.

The entry angle lines meet the arc at a tangent point. Unique to this from is an auxiliary angle that intersects the entry angle. This results in greater insulation penetration and a better strip. This patented blade type allows wire sizes from 26 awg to 10 awg to be processed using a single set of blades.

ITEM NUMBER	DESCRIPTION
122283-1	NON-COATED UNI-V 30 DEGREE
122283-2	TIN COATED UNI-V 30 DEGREE
122283-3	NON-COATED UNI-V 20 DEGREE
122283-4	TIN COATING UNI-V 20 DEGREE



122283

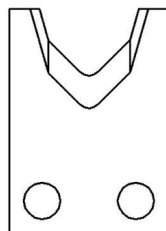
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



123022-XX

AWG SIZE	ITEM NUMBER	DESCRIPTION
8	123022-1	IDEAL / ARTOS TA-V
10	123022-2	IDEAL / ARTOS TA-V
12	123022-3	IDEAL / ARTOS TA-V
14	123022-4	IDEAL / ARTOS TA-V
16	123022-5	IDEAL / ARTOS TA-V
18	123022-6	IDEAL / ARTOS TA-V
20	123022-7	IDEAL / ARTOS TA-V
22	123022-8	IDEAL / ARTOS TA-V
24 / 26 / 28	123022-9	IDEAL / ARTOS TA-V

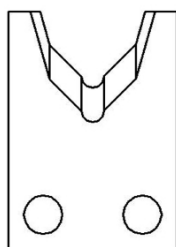
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122324

DIA SIZE	ITEM NUMBER	DESCRIPTION
0.4	122324-26	IDEAL / ARTOS TR-V
0.5	122324-7	IDEAL / ARTOS TR-V
0.6	122324-3	IDEAL / ARTOS TR-V
0.7	122324-25	IDEAL / ARTOS TR-V
0.9	122324-12	IDEAL / ARTOS TR-V
1.0	122324-9	IDEAL / ARTOS TR-V
1.1	122324-21	IDEAL / ARTOS TR-V
1.2	122324-8	IDEAL / ARTOS TR-V
1.3	122324-11	IDEAL / ARTOS TR-V
1.4	122324-22	IDEAL / ARTOS TR-V
1.5	122324-14	IDEAL / ARTOS TR-V
1.6	122324-1	IDEAL / ARTOS TR-V
1.7	122324-5	IDEAL / ARTOS TR-V
1.8	122324-29	IDEAL / ARTOS TR-V
1.9	122324-2	IDEAL / ARTOS TR-V
2.0	122324-15	IDEAL / ARTOS TR-V
2.2	122324-23	IDEAL / ARTOS TR-V
2.3	122324-32	IDEAL / ARTOS TR-V

DIA SIZE	ITEM NUMBER	DESCRIPTION
2.4	122324-6	IDEAL / ARTOS TR-V
2.5	122324-16	IDEAL / ARTOS TR-V
2.6	122324-4	IDEAL / ARTOS TR-V
2.8	122324-27	IDEAL / ARTOS TR-V
3.0	122324-17	IDEAL / ARTOS TR-V
3.1	122324-28	IDEAL / ARTOS TR-V
3.2	122324-13	IDEAL / ARTOS TR-V
3.3	122324-30	IDEAL / ARTOS TR-V
3.5	122324-18	IDEAL / ARTOS TR-V
3.7	122324-34	IDEAL / ARTOS TR-V
4.0	122324-19	IDEAL / ARTOS TR-V
4.4	122324-10	IDEAL / ARTOS TR-V
4.5	122324-20	IDEAL / ARTOS TR-V
4.6	122324-33	IDEAL / ARTOS TR-V
4.8	122324-36	IDEAL / ARTOS TR-V
5.0	122324-24	IDEAL / ARTOS TR-V
5.2	122324-31	IDEAL / ARTOS TR-V
5.5	122324-35	IDEAL / ARTOS TR-V

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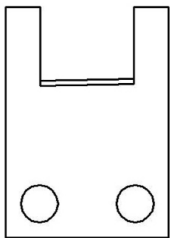
• EMAIL: BLADES@LAKESPRECISION.COM •

COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -



123255

ITEM NUMBER	DESCRIPTION
123255	CL-A CUT-OFF



LAKES PRECISION^{INC.}

Your Global Source for Wire Processing Perishable Tooling

CARPENTER MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR THE FOLLOWING MACHINE SERIES:

- 47C
- 72A-S
- 72B
- M-77
- M93 / M97 / M98 / M99

Your Global Source for Wire Processing Perishable Tooling

www.lakesprecision.com

CARPENTER 47C MACHINE SERIES

FLAT CABLE STRIP BLADES



FLAT CABLE STRIP BLADES

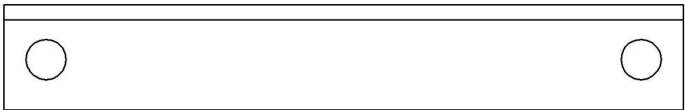
Lakes Precision, Inc. also provides blades for special applications.

An example is shown here.

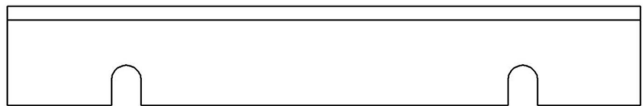
For blades to meet your specific application, please contact Lakes Precision, Inc.

- TC Coating Available -

ONE PAIR CONSISTS OF 122779 & 122904



**122779
CABLE STRIPPER**



**122904
CABLE STRIPPER**

ITEM NUMBER	OEM#	DESCRIPTION
122779	3049X	FLAT CABLE STRIPPER
122904	2955X	FLAT CABLE STRIPPER

CARPENTER 72A-S MACHINE SERIES

COLLINEAR ANGLE CUT-OFF BLADES CLASS: CL-A



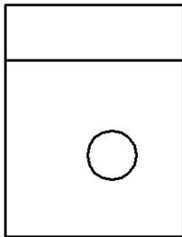
COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

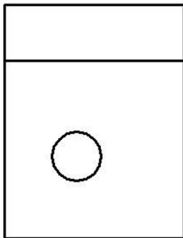
Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

122686 & 122687 = PAIR

- TC Coating Available -



122686
RIGHT BLADE



122687
LEFT BLADE

ITEM NUMBER	OEM #	DESCRIPTION
122686	7168RX	RIGHT CUT-OFF
122687	7168LX	LEFT CUT-OFF

CARPENTER 72B MACHINE SERIES

COLLINEAR ANGLE ROTARY STRIP CLASS: CL-A

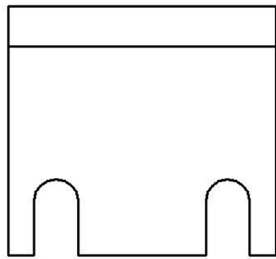


COLLINEAR ANGLE ROTARY STRIP BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -



122682-XX

ITEM NUMBER	MATERIAL	DESCRIPTION
122682-1	M2 TOOL STEEL	CL-A CUT-OFF
122682-2	A2 TOOL STEEL	CL-A CUT-OFF
122682-3	TUNGSTEN CARBIDE	CL-A CUT-OFF

CARPENTER M-77 MACHINE SERIES

COLLINEAR RADIUS TYPE CLASS: CL-R

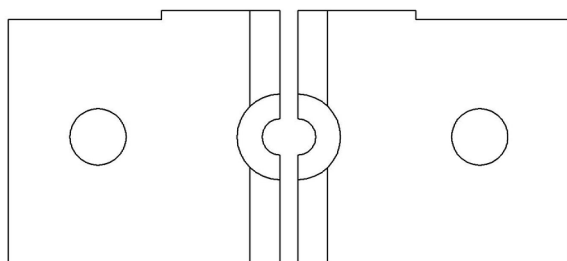
COLLINEAR RADIUS TYPE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- TC Coating Available -



5-123868-X

DIA MM SIZE	ITEM NUMBER
.000	5-123868-20
4.29	5-123868-19
4.08	5-123868-1
5.79	5-123868-2
6.35	5-123868-3
7.36	5-123868-4
8.43	5-123868-5
8.83	5-123868-6
9.34	5-123868-7
10.69	5-123868-8

DIA MM SIZE	ITEM NUMBER
11.50	5-123868-9
11.88	5-123868-10
12.70	5-123868-11
13.46	5-123868-12
14.22	5-123868-13
15.08	5-123868-18
15.87	5-123868-14
17.78	5-123868-15
20.32	5-123868-16
22.35	5-123868-17

CARPENTER M97 / M98 / M99 MACHINE SERIES

TANGENT RADIUS “V” CUT / STRIP BLADES CLASS: TA-V



TANGENT RADIUS “V” CUT / STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

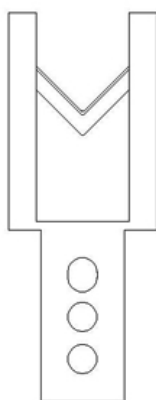
Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire sizes with the same blade, or you could compensate for off-center wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -

CARBIDE

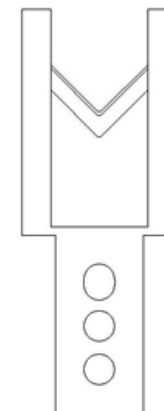
DIA MM SIZE	ITEM NUMBER	MATERIAL	DESCRIPTION
0.5	123267-1	CARBIDE	TA-V CUT / STRIP
1.3	123267-2	CARBIDE	TA-V CUT / STRIP
2.4	123267-4	CARBIDE	TA-V CUT / STRIP
8.9	123267-3	CARBIDE	TA-V CUT / STRIP



123267-X

TOOL STEEL

DIA MM SIZE	ITEM NUMBER	MATERIAL	DESCRIPTION
.25	123762-010	TOOL STEEL	TA-V CUT / STRIP
0.5	123762-018	TOOL STEEL	TA-V CUT / STRIP
1.3	123762-052	TOOL STEEL	TA-V CUT / STRIP
2.4	123762-096	TOOL STEEL	TA-V CUT / STRIP
8.12	123762-320	TOOL STEEL	TA-V CUT / STRIP
8.9	123762-350	TOOL STEEL	TA-V CUT / STRIP



123762-X

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• EMAIL: BLADES@LAKESPRECISION.COM •

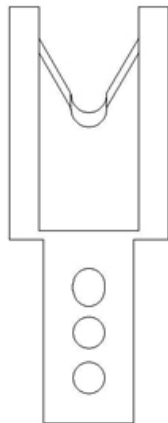
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123567

DIA MM SIZE	ITEM NUMBER
0.40	123567-016
0.50	123567-020
0.60	123567-024
0.65	123567-026
0.71	123567-028
0.86	123567-034
0.91	123567-036
0.99	123567-039
1.09	123567-043
1.19	123567-047
1.40	123567-055
1.52	123567-060
1.70	123567-067
1.83	123567-072
1.98	123567-078

DIA MM SIZE	ITEM NUMBER
2.16	123567-085
2.29	123567-090
2.44	123567-096
2.59	123567-102
2.84	123567-112
3.05	123567-120
3.18	123567-125
3.30	123567-130
3.56	123567-140
3.86	123567-152
4.06	123567-160
4.19	123567-165
4.37	123567-172
4.45	123567-175
4.70	123567-185

DIA MM SIZE	ITEM NUMBER
4.83	123567-190
5.08	123567-200
5.21	123567-205
5.33	123567-210
5.59	123567-220
5.72	123567-225
5.84	123567-230
6.10	123567-240
6.35	123567-250
6.60	123567-260
6.86	123567-270
7.11	123567-280
7.37	123567-290
7.62	123567-300
8.13	123567-320
8.38	123567-330

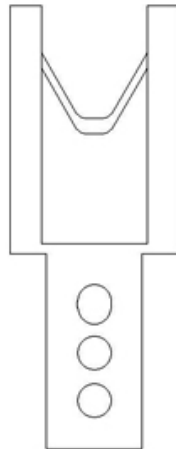
TANGENT RADIUS “V” OVAL STRIP BLADE

Lakes Precision, Inc. also provides blades for special applications.

An example is shown here.

For blades to meet your specific application, please contact Lakes Precision, Inc.

- TC Coating Available -



123560-X

DIA MM SIZE	CENTER TO CENTER MM	ITEM NUMBER	DESCRIPTION
0.5	0.7	123560-5	OVAL CUT / STRIP
0.8	3.1	123560-17	OVAL CUT / STRIP
1.1	2.8	123560-11	OVAL CUT / STRIP
1.1	4.8	123560-16	OVAL CUT / STRIP
1.1	6.7	123560-14	OVAL CUT / STRIP
1.2	8.6	123560-18	OVAL CUT / STRIP
1.4	2.4	123560-9	OVAL CUT / STRIP
1.6	1.4	123560-7	OVAL CUT / STRIP
1.7	1.4	123560-12	OVAL CUT / STRIP
1.7	1.6	123560-13	OVAL CUT / STRIP
2.3	2.2	123560-6	OVAL CUT / STRIP
2.7	2.7	123560-1	OVAL CUT / STRIP
2.9	2.8	123560-3	OVAL CUT / STRIP
3.0	2.9	123560-15	OVAL CUT / STRIP
3.2	3.2	123560-2	OVAL CUT / STRIP
3.8	3.5	123560-10	OVAL CUT / STRIP
4.1	3.2	123560-8	OVAL CUT / STRIP
4.1	4.0	123560-4	OVAL CUT / STRIP

CARPENTER M97 / M98 / M99 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V

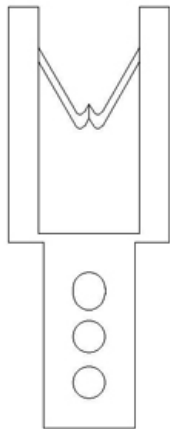
TANGENT RADIUS “V” STRIP BLADE

The sharp edge is ground tangent to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



123799-X

ITEM NUMBER	DESCRIPTION	CLASS
123799-1	2V-052-096 STRIP	TA-V STRIP BLADE
123799-2	2V-034-075 STRIP	TA-V STRIP BLADE
123799-3	2V-022-067 STRIP	TA-V STRIP BLADE
123799-4	2V-096-191 STRIP	TA-V STRIP BLADE
123799-5	2V-076-191 STRIP	TA-V STRIP BLADE
123799-6	2V-042-100 STRIP	TA-V STRIP BLADE
123799-7	2V-062-105 STRIP	TA-V STRIP BLADE
123799-8	2V-052-135 STRIP	TA-V STRIP BLADE
123799-9	2V-052-042 STRIP	TA-V STRIP BLADE
123799-10	2V-042-140 STRIP	TA-V STRIP BLADE
123799-11	2V-042-120 STRIP	TA-V STRIP BLADE

ITEM NUMBER	DESCRIPTION	CLASS
123799-12	2V-042-110 STRIP	TA-V STRIP BLADE
123799-13	2V-052-105 STRIP	TA-V STRIP BLADE
123799-14	2V-034-100 STRIP	TA-V STRIP BLADE
123799-15	2V-030-060 STRIP	TA-V STRIP BLADE
123799-16	2V-030-050 STRIP	TA-V STRIP BLADE
123799-17	2V-030-055 STRIP	TA-V STRIP BLADE
123799-18	2V-042-072 STRIP	TA-V STRIP BLADE
123799-19	2V-076-140 STRIP	TA-V STRIP BLADE
123799-20	2V-022-054 STRIP	TA-V STRIP BLADE
123799-21	2V-016-026 STRIP	TA-V STRIP BLADE
123799-22	2V-030-065 STRIP	TA-V STRIP BLADE

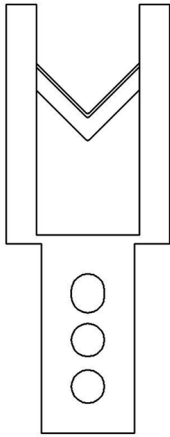
TANGENT RADIUS “V” STRIP BLADE

The sharp edge is ground tangent to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



123987-1 BLT

DIA MM SIZE	ITEM NUMBER	OEM #
0.45	123987-1BLT	8961C



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COSMIC MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR THE FOLLOWING MACHINE SERIES:

□ 30M □ 32M □ 48R □ 927R □ C-1010

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www.lakesprecision.com

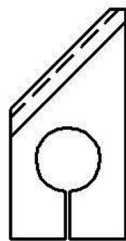
COLLINEAR ANGLE STRIP BLADES

Sharp edge is ground to a flat collinear angle.

This class of blade was designed to allow multiple conductor wire to be processed with one set of blades. This class is also used in many rotary strip models. The main advantage of this class is the ability to process many different wire gauges with the same blades, (dependent upon machine function).

There will always be a percentage of insulation tear with this class of blade. This class does not work well with thin wall insulation.

- TC Coating Available -



123574

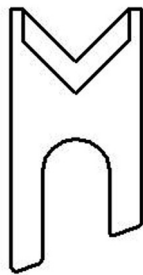
ITEM NUMBER	DESCRIPTION	CLASS
123574	ROTARY STRIP	CL-A

UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



122163

ITEM NUMBER	OEM #	DESCRIPTION
122163	C21211	UN-V BLADE

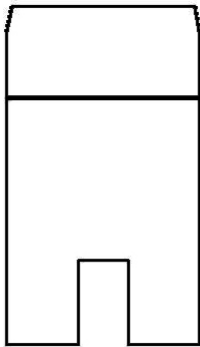
COLLINEAR ANGLE STRIP BLADES

Sharp edge is ground to a flat collinear angle.

This class of blade was designed to allow multiple conductor wire to be processed with one set of blades. This class is also used in many rotary strip models. The main advantage of this class is the ability to process many different wire gauges with the same blades, (dependent upon machine function).

There will always be a percentage of insulation tear with this class of blade. This class does not work well with thin wall insulation.

- TC Coating Available -



124595-XX

ITEM NUMBER	OEM #	MATERIAL	DESCRIPTION
124595-1	C-48902	A2 TOOL STEEL	CL-A
124595-2	-----	CARBIDE	CL-A
124595-3	-----	M2 TOOL STEEL	CL-A

COSMIC 927R MACHINE SERIES

COLLINEAR ANGLE STRIP BLADES CLASS: CL-A

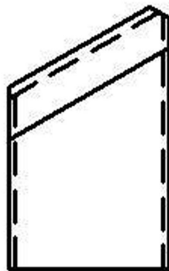
COLLINEAR ANGLE STRIP BLADES

Sharp edge is ground to a flat collinear angle.

This class of blade was designed to allow multiple conductor wire to be processed with one set of blades. This class is also used in many rotary strip models. The main advantage of this class is the ability to process many different wire gauges with the same blades, (dependent upon machine function).

There will always be a percentage of insulation tear with this class of blade. This class does not work well with thin wall insulation.

- TC Coating Available -



123777-X

OEM #

9-547951-2

ITEM NUMBER	DESCRIPTION	MATERIAL	CLASS
123777-1	ROTARY STRIP	TOOL STEEL	CL-A
123777-2	ROTARY STRIP	TUNGSTEN CARBIDE	CL-A

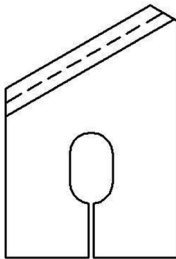
COLLINEAR ANGLE STRIP BLADES

Sharp edge is ground to a flat collinear angle.

This class of blade was designed to allow multiple conductor wire to be processed with one set of blades. This class is also used in many rotary strip models. The main advantage of this class is the ability to process many different wire gauges with the same blades, (dependent upon machine function).

There will always be a percentage of insulation tear with this class of blade. This class does not work well with thin wall insulation.

- TC Coating Available -



123702

ITEM NUMBER	DESCRIPTION	OEM #	CLASS
123702	ROTARY STRIP	-----	CL-A



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CUTTY MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR THE CUTTY *WS-100* MACHINE SERIES

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CUTTY WS-100 MACHINE SERIES

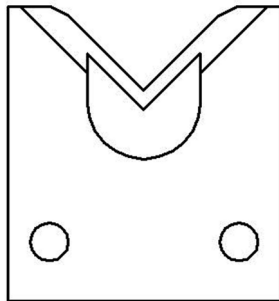
UNIVERSAL / LEFT & RIGHT STRIP BLADES CLASS: UN-V

UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

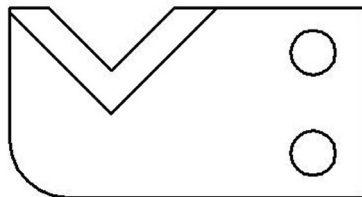
Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



122159-XX

ITEM NUMBER	DESCRIPTION
122159-1	LONG BLADE
122159-2	SHORT BLADE

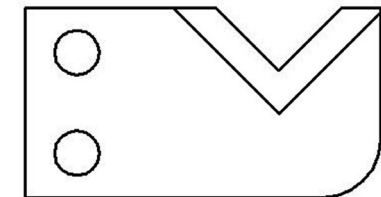


122235-1
LEFT BLADE

ITEM NUMBER	DESCRIPTION
122235-1	LEFT BLADE
122235-2	RIGHT BLADE

122235-XX

(1) 122235-1 & (1) 122235-2 = PAIR



122235-2
RIGHT BLADE



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EMBOAVA MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR THE EMBOAVA MACHINE SERIES

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TRU-RADIUS STRIP BLADE

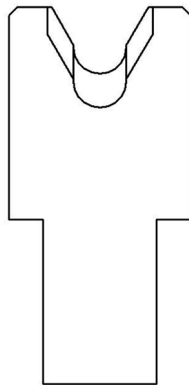
The sharp edge is ground to a half circle whose radius approximates awg wire size.

The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123750-XX

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
3.5	123750-3.5	TR-V STRIP
5.3	123750-5.3	TR-V STRIP
6.3	123750-6.3	TR-V STRIP
6.8	123750-6.8	TR-V STRIP



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ERASER MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR THE FOLLOWING MACHINE SERIES:

□ HCA 10

□ LS10 / U.K. CS 2000

□ WC-500

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ERASER HCA 10 MACHINE SERIES

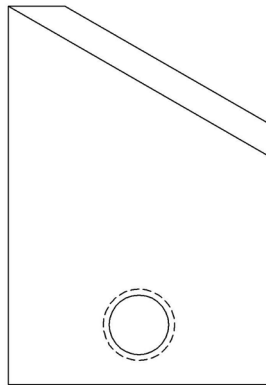
CUT-OFF BLADES CLASS: CL-A

CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

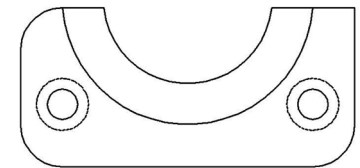
- TC Coating Available -



**123132
UPPER BLADE**

ITEM NUMBER	DESCRIPTION	OEM #
123132	MOVABLE UPPER CUT-OFF	IR5258
123133	STATIONARY LOWER CUT-OFF	IR8743

**123132 / 123133
CUT-OFF BLADES**



**123133
LOWER BLADE**

DIE TYPE BLADES

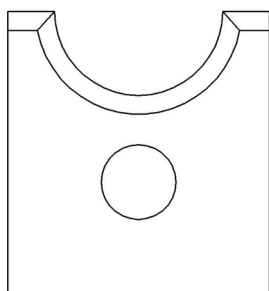
The die-type blade has a fixed shut height. The cutting edge is precisely drilled to an exact radius dimension for the conductor diameter. The insulation wall is contained in a counter-bore drilled around cutting edge.

This type of blade is the most exactly matched blade to the wire specification, giving a very precise insulation removal. This is excellent for removal of extremely thin insulation walls or where the outer jacket is oval shaped, and is also very useful for processing solid conductor insulated wire. Normally this is the blade of choice for SJT, SVT, SJO, coaxial cable outer jacket removal, and many round multi-conductor wires.

Die blades are manufactured to the exact wire specifications. Blades can be produced for most any wire.

- For a specific blade size or application, contact Lakes Precision, Inc. -

- *TC Coating Available* -



122355

ITEM NUMBER	OEM #	DESCRIPTION
122355-1	IR1707	2.0 DIAMETER
122355-2	IR1708	2.7 DIAMETER
122355-3	IR1709	3.3 DIAMETER
122355-4	IR1710	3.7 DIAMETER
122355-25	-----	4.6 DIAMETER
122355-5	IR1711	4.8 DIAMETER
122355-6	IR1712	5.4 DIAMETER
122355-24	-----	6.0 DIAMETER
122355-7	IR1713	6.2 DIAMETER
122355-22	-----	6.6 DIAMETER
122355-23	-----	7.0 DIAMETER
122355-8	IR1714	7.4 DIAMETER
122355-9	IR1715	8.5 DIAMETER
122355-26	-----	8.8 DIAMETER
122355-10	IR1716	9.5 DIAMETER

ITEM NUMBER	OEM #	DESCRIPTION
122355-27	-----	9.8 DIAMETER
122355-11	IR1717	10.7 DIAMETER
122355-28	-----	11.0 DIAMETER
122355-12	IR1718	11.5 DIAMETER
122355-29	-----	11.8 DIAMETER
122355-13	IR1719	12.7 DIAMETER
122355-14	IR1720	14.3 DIAMETER
122355-15	IR1721	15.9 DIAMETER
122355-16	IR1722	18.3 DIAMETER
122355-17	IR1723	20.2 DIAMETER
122355-18	IR1724	22.2 DIAMETER
122355-19	IR1725	24.2 DIAMETER
122355-20	IR1726	26.2 DIAMETER
122355-21	IR1727	28.5 DIAMETER
122355-30	-----	20.1 DIAMETER
122355-31	-----	30.1 DIAMETER

ERASER WC-500 MACHINE SERIES

CUT BLADE



CUT BLADE

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -



122446

ITEM NUMBER	MARK	DESCRIPTION
122446	-----	WC-500 CUT



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EUBANKS MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR THE FOLLOWING MACHINE SERIES:

□ MACHINE MODELS

□ 4600

□ 4900 / 7400

□ 8000

□ 9800

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EUBANKS MACHINE SERIES

COLLINEAR DIE TYPE BLADES CLASS: CL-R

DIE TYPE BLADES

The die-type blade has a fixed shut height. The cutting edge is precisely drilled to an exact radius dimension for the conductor diameter. The insulation wall is contained in a counter-bore drilled around cutting edge.

This type of blade is the most exactly matched blade to the wire specification, giving a very precise insulation removal. This is excellent for removal of extremely thin insulation walls or where the outer jacket is oval shaped, and is also very useful for processing solid conductor insulated wire. Normally this is the blade of choice for **SJT**, **SVT**, **SJO**, coaxial cable outer jacket removal, and many round multi-conductor wires.

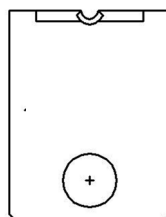
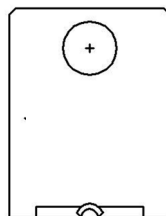
Die blades are manufactured to the exact wire specifications. Blades can be produced for most any wire.

- For a specific blade size or application, contact Lakes Precision, Inc. -

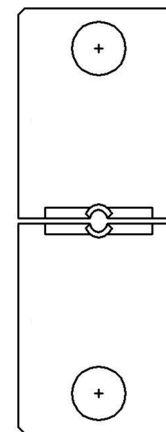
EUBANKS MACHINE MODELS:

2600 / 2601 , 2650 / 2651 , 2700 / 2701 , 2750 / 2751 , 81A ,
2800 / 2801 , 2850 / 2851, 842 , 2670 / 2671 , 810A, 87 ,
2900 / 2901 , 2950 / 2951 , 83 & 83A

- TC Coating Available -



122188-XX



EUBANKS MACHINE SERIES

COLLINEAR DIE TYPE BLADES CLASS: CL-R

- ADDITIONAL PART NUMBER'S ON SUCCEEDING PAGES -

EUBANKS MACHINE SERIES

COLLINEAR DIE TYPE BLADES CLASS: CL-R ADDITIONAL PART NUMBER'S



COND. SIZE	WIRE DIA.	ITEM NUMBER
.012	.016	122188-37
.012	.020	122188-168
.012	.031	122188-169
.013	.020	122188-42
.013	.028	122188-20
.014	.022	122188-43
.016	.032	122188-21
.018	.028	122188-63
.018	.035	122188-19
.019	.028	122188-156
.019	.106	122188-146
.021	.106	122188-147
.022	.040	122188-139
.023	.106	122188-148
.024	.032	122188-80
.024	.041	122188-64
.025	.106	122188-149
.026	.043	122188-84
.026	.104	122188-55
.027	.046	122188-6
.027	.106	122188-150
.028	.036	122188-140

COND. SIZE	WIRE DIA.	ITEM NUMBER
.028	.055	122188-176
.029	.106	122188-151
.031	.046	122188-11
.031	.062	122188-175
.031	.106	122188-152
.033	.049	122188-145
.033	.106	122188-153
.035	.055	122188-81
.035	.106	122188-141
.036	.052	122188-10
.036	.062	122188-114
.038	.078	122188-161
.040	.059	122188-113
.040	.132	122188-52
.042	.101	122188-88
.046	.062	122188-12
.046	.081	122188-8
.046	.110	122188-170
.049	.073	122188-117
.049	.099	122188-7
.050	.082	122188-173
.051	.113	122188-89

COND. SIZE	WIRE DIA.	ITEM NUMBER
.052	.082	12288-174
.052	.136	122188-144
.052	.161	122188-164
.053	.104	122188-54
.055	.070	122188-13
.057	.089	122188-121
.057	.111	122188-67
.059	.082	122188-97
.059	.166	122188-157
.062	.094	122188-3
.063	.081	122188-14
.063	.110	122188-165
.063	.113	122188-119
.067	.106	122188-62
.067	.111	122188-160
.067	.113	122188-171
.067	.125	122188-110
.067	.147	122188-65
.070	.120	122188-5
.070	.125	122188-166
.073	.096	122188-122
.073	.147	122188-45

COND. SIZE	WIRE DIA.	ITEM NUMBER
.078	.104	122188-15
.078	.113	122188-82
.078	.132	122188-111
.078	.140	122188-167
.081	.104	122188-53
.081	.132	122188-66
.082	.125	122188-98
.086	.120	122188-61
.086	.132	122188-51
.086	.152	122188-60
.089	.171	122188-163
.093	.116	122188-123
.096	.140	122188-120
.096	.116	122188-16
.096	.147	122188-68
.096	.156	122188-155
.098	.136	122188-71
.099	.136	122188-128
.101	.136	122188-9
.104	.149	122188-124
.106	.161	122188-162
.106	.196	122188-44

*Additional Part Number's
Continued on Next Page*

• THREE LAKES, WI (715) 546-3070 • **CONTACT LAKES PRECISION** • EL PASO, TX (915) 856-6606 •
• EMAIL: BLADES@LAKESPRECISION.COM •

EUBANKS MACHINE SERIES

COLLINEAR DIE TYPE BLADES CLASS: CL-R ADDITIONAL PART NUMBER'S



COND. SIZE	WIRE DIA.	ITEM NUMBER
.110	.171	122188-59
.113	.136	122188-133
.113	.155	122188-2
.116	.144	122188-41
.116	.154	122188-104
.116	.157	122188-103
.133	.162	122188-56
.120	.140	122188-17
.120	.166	122188-154
.120	.191	122188-172
.128	.182	122188-99
.128	.218	122188-102
.132	.166	122188-118
.132	.191	122188-69
.136	.161	122188-105
.144	.204	122188-18
.144	.218	122188-94
.149	.257	122188-38
.152	.196	122188-143
.156	.242	122188-137
.157	.199	122188-74
.157	.257	122188-39

COND. SIZE	WIRE DIA.	ITEM NUMBER
.161	.234	122188-126
.161	.202	122188-34
.166	.196	122188-106
.166	.242	122188-22
.166	.261	122188-100
.169	.221	122188-125
.171	.238	122188-58
.177	.236	122188-142
.177	.254	122188-30
.177	.368	122188-135
.180	.234	122188-23
.187	.238	122188-73
.187	.257	122188-40
.187	.265	122188-24
.189	.312	122188-136
.189	.246	122188-158
.192	.290	122188-70
.193	.302	122188-95
.199	.242	122188-159
.199	.281	122188-129
.203	.272	122188-131
.203	.302	122188-107

COND. SIZE	WIRE DIA.	ITEM NUMBER
.209	.281	122188-49
.209	.339	122188-138
.213	.302	122188-90
.213	.316	122188-57
.214	.285	122188-33
.218	.302	122188-115
.221	.312	122188-91
.221	.358	122188-101
.224	.290	122188-25
.225	.322	122188-35
.228	.312	122188-116
.228	.323	122188-93
.234	.295	122188-46
.234	.307	122188-96
.234	.359	122188-48
.238	.312	122188-85
.242	.287	122188-78
.242	.312	122188-4
.246	.277	122188-47
.246	.332	122188-92
.250	.290	122188-72
.250	.302	122188-86

COND. SIZE	WIRE DIA.	ITEM NUMBER
.250	.312	122188-83
.257	.316	12288-132
.257	.323	122188-26
.261	.312	122188-50
.266	.332	122188-109
.277	.316	122188-76
.277	.348	122188-27
.277	.375	122188-112
.296	.348	122188-127
.299	.368	122188-1
.299	.453	122188-29
.300	.423	122188-36
.307	.386	122188-28
.312	.397	122188-87
.323	.386	122188-108
.323	.421	122188-130
.328	.404	122188-134
.339	.413	122188-31
.348	.421	122188-32
.368	.421	122188-75
.368	.500	122188-79
.404	.468	122188-77

EUBANKS MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES CLASS: CL-R

COLLINEAR RADIUS TYPE

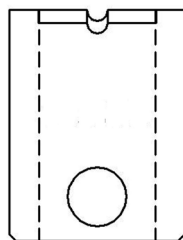
The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- USE WITH WIRE GUIDES 122193-XX -

- TC Coating Available -



122192-XX

DIA MM SIZE	ITEM NUMBER
0.4	122192-97
0.5	122192-47
0.6	122192-48
0.7	122192-1
0.8	122192-2
0.9	122192-3
1.0	122192-4
1.1	122192-5
1.2	122192-6
1.3	122192-7
1.4	122192-8
1.5	122192-9
1.6	122192-10
1.7	122192-11

DIA MM SIZE	ITEM NUMBER
1.8	122192-12
1.9	122192-13
2.0	122192-14
2.1	122192-15
2.2	122192-16
2.3	122192-17
2.4	122192-18
2.5	122192-19
2.6	122192-20
2.7	122192-21
2.8	122192-22
2.9	122192-23
3.0	122192-24
3.1	122192-25

EUBANKS MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES CLASS: CL-R

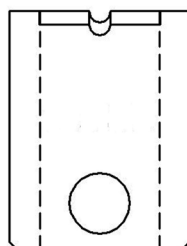
- ADDITIONAL PART NUMBER'S ON SUCCEEDING PAGE -

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EUBANKS MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES CLASS: CL-R ADDITIONAL PART NUMBER'S



122192-XX

EUBANKS MACHINE MODELS:

2600 / 2601 , 2650 / 2651 , 2700 / 2701
2750 / 2751 , 81A , 2800 / 2801 , 2850 ,
2851 , 842 , 2670 / 2671 , 810A, 87 , 2900 /
2901 , 2950 / 2951 , 83 & 83A

DIA MM SIZE	ITEM NUMBER
3.2	122192-26
3.3	122192-27
3.4	122192-28
3.5	122192-29
3.6	122192-30
3.7	122192-31
3.8	122192-32
3.9	122192-33
4.0	122192-34
4.1	122192-35
4.2	122192-36
4.3	122192-37
4.4	122192-38
4.5	122192-39
4.6	122192-40
4.7	122192-41
4.8	122192-42
4.9	122192-43
5.0	122192-50
5.1	122192-51
5.2	122192-52
5.3	122192-44
5.4	122192-53
5.5	122192-54

DIA MM SIZE	ITEM NUMBER
5.6	122192-55
5.7	122192-56
5.8	122192-57
5.9	122192-58
6.0	122192-45
6.1	122192-59
6.2	122192-60
6.3	122192-61
6.4	122192-62
6.5	122192-63
6.6	122192-46
6.7	122192-66
6.8	122192-67
6.9	122192-68
7.0	122192-69
7.1	122192-70
7.2	122192-71
7.3	122192-72
7.4	122192-73
7.5	122192-49
7.5	122192-74
7.6	122192-75
7.7	122192-76
7.8	122192-77

DIA MM SIZE	ITEM NUMBER
7.9	122192-78
8.0	122192-79
8.1	122192-80
8.2	122192-81
8.3	122192-82
8.4	122192-83
8.5	122192-84
8.6	122192-85
8.7	122192-86
8.8	122192-87
8.9	122192-88
9.0	122192-89
9.1	122192-90
9.2	122192-91
9.3	122192-92
9.4	122192-93
9.5	122192-94
9.6	122192-95
9.7	122192-96
9.8	122192-99
9.9	122192-98
10.6	122192-101
10.7	122192-100

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EUBANKS MACHINE SERIES

COLLINEAR DIE TYPE BLADES



DIE TYPE BLADES

The die-type blade has a fixed shut height. The cutting edge is precisely drilled to an exact radius dimension for the conductor diameter. The insulation wall is contained in a counter-bore drilled around cutting edge.

This type of blade is the most exactly matched blade to the wire specification, giving a very precise insulation removal. This is excellent for removal of extremely thin insulation walls or where the outer jacket is oval shaped, and is also very useful for processing solid conductor insulated wire. Normally this is the blade of choice for *SJT*, *SVT*, *SJO*, coaxial cable outer jacket removal, and many round multi-conductor wires.

Die blades are manufactured to the exact wire specifications. Blades can be produced for most any wire.

- For a specific blade size or application, contact Lakes Precision, Inc. -

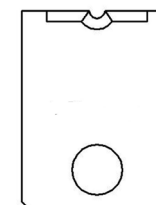
EUBANKS MACHINE MODELS:

2600 / 2601 , 2650 / 2651 , 2700 / 2701, 2750 / 2751 , 81A

2800 / 2801 , 2850 / 2851, 842 , 2670 / 2671 , 810A, 87

2900 / 2901, 2950 / 2951 , 83 & 83A

- *TC Coating Available* -



122419-XX

EUBANKS MACHINE SERIES

COLLINEAR 2 CONDUCTOR DIE TYPE BLADES CLASS: CL-R

The die-type blade has a fixed shut height. The cutting edge is precisely drilled to an exact radius dimension for the conductor diameter. The insulation wall is contained in a counter-bore drilled around cutting edge.

This type of blade is the most exactly matched blade to the wire specification, giving a very precise insulation removal. This is excellent for removal of extremely thin insulation walls or where the outer jacket is oval shaped, and is also very useful for processing solid conductor insulated wire. Normally this is the blade of choice for *SJT*, *SVT*, *SJO*, coaxial cable outer jacket removal, and many round multi-conductor wires.

Die blades are manufactured to the exact wire specifications. Blades can be produced for most any wire.

- For a specific blade size or application, contact Lakes Precision, Inc. -

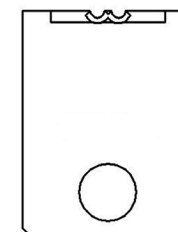
EUBANKS MACHINE MODELS:

2600 / 2601 , 2650 / 2651 , 2700 / 2701, 2750 / 2751 , 81A

2800 / 2801 , 2850 / 2851, 842 , 2670 / 2671 , 810A, 87

2900 / 2901, 2950 / 2951 , 83 & 83A

- *TC Coating Available* -



122480-XX

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• *EMAIL: BLADES@LAKESPRECISION.COM* •

EUBANKS MACHINE SERIES

COLLINEAR CUT-OFF BLADES CLASS: CL-A



COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a collinear angle.

Characteristics: Sharp edges cut by compression. This class of blade was designed to allow positive control of cutter head closure. It also allows precision processing of specific wire sizes with an inherent blade longevity.

This type of blade is used with collinear radius strip blades.

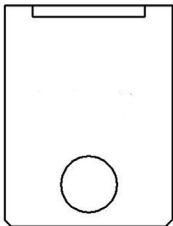
EUBANKS MACHINE MODELS:

2600 / 2601, 2650 / 2651, 2700 / 2701 / 2750 / 2751, 81A ,

2800 / 2801, 2850 / 2851 / 842 / 2670 / 2671 / 810A, 87 /

2900, 2901 / 2950 / 2951, 83 & 83A

- *TC Coating Available* -



122187

ITEM NUMBER	DESCRIPTION	OEM#	CLASS
122187	COLLINEAR CUT-OFF	00169	CL-A

EUBANKS MACHINE SERIES

COLLINEAR ANGLE CUT-OFF BLADES CLASS: CL-A



COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a collinear angle.

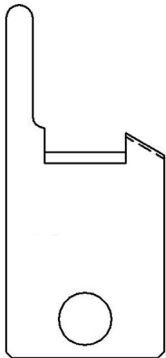
Sharp edges cut by shearing action. These type of blades by-pass allowing more adjustment in the cutterhead closure, for more versatility.

This class of blade is most often used for mulit-conductor flat or oval wire.

EUBANKS MACHINE MODELS:

2600 / 2601, 2650 / 2651, 2700 / 2701, 2750 / 2751,
81A, / 2800 / 2801 , 2850 / 2851 / 842 , 2670 / 2671 , 810A,
87 / 2900 / 2901, 2950 / 2951 / 83 & 83A

- TC Coating Available -



122189

ITEM NUMBER	DESCRIPTION	CLASS
122189	COLLINEAR CUT-OFF	CL-A

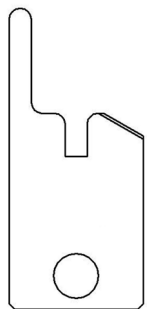
WIRE GUIDES

Wire guides are used in conjunction with collinear radius strip blades to precisely guide the conductor into the strip area of the blade. This will help prevent the conductor from coming in contact with the cutting edges of the strip blades, preventing premature strip blade wear.

Choosing the correct part number

When choosing the correct size, the guide diameter chosen should be 0.00 mm to 0.1 mm larger than the measured insulation diameter.

Example; 122191-1 = 1.0 mm Diameter Guide



122191-XX

EUBANKS MACHINE MODELS:

2600 / 2601 , 2650 / 2651 , 2700 / 2701 2750 / 2751
81A , 2800 / 2801 , 2850 / 2851 842 , 2670 / 2671 ,
810A , 87 , 2900 / 2901 2950 / 2951 , 83 & 83A

WIRE GUIDE SIZE	ITEM NUMBER
0.25	122191-105
0.4	122191-104
0.5	122191-110
0.74	122191-109
0.81	122191-108
1.0	122191-1
1.1	122191-2
1.2	122191-3
1.3	122191-4
1.4	122191-5
1.5	122191-6
1.6	122191-7
1.7	122191-8
1.8	122191-9
1.9	122191-10
2.0	122191-11
2.05	122191-106

WIRE GUIDE SIZE	ITEM NUMBER
2.1	122191-12
2.2	122191-13
2.3	122191-14
2.4	122191-15
2.5	122191-16
2.6	122191-17
2.7	122191-18
2.8	122191-19
2.9	122191-20
3.0	122191-21
3.1	122191-22
3.2	122191-23
3.3	122191-24
3.4	122191-25
3.5	122191-26
3.6	122191-27
3.7	122191-28

EUBANKS MACHINE SERIES

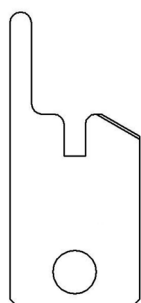
WIRE GUIDES

- ADDITIONAL PART NUMBER'S ON SUCCEEDING PAGE -

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EUBANKS MACHINE SERIES

WIRE GUIDES ADDITIONAL PART NUMBER'S



122191-XX

EUBANKS MACHINE MODELS:

2600 / 2601 , 2650 / 2651 , 2700 / 2701 2750 / 2751
81A , 2800 / 2801 , 2850 / 2851 842 , 2670 / 2671 ,
810A , 87 , 2900 / 2901 2950 / 2951 , 83 & 83A

WIRE GUIDE SIZE	ITEM NUMBER
3.8	122191-29
3.9	122191-30
4.0	122191-31
4.1	122191-32
4.2	122191-33
4.3	122191-34
4.4	122191-35
4.5	122191-36
4.6	122191-37
4.7	122191-38
4.8	122191-39
4.9	122191-40
5.0	122191-41
5.1	122191-42
5.2	122191-43
5.3	122191-44
5.4	122191-45
5.5	122191-46
5.6	122191-47
5.7	122191-48
5.8	122191-49
5.9	122191-50
6.0	122191-51
6.1	122191-52
6.2	122191-53
6.3	122191-54

WIRE GUIDE SIZE	ITEM NUMBER
6.4	122191-55
6.5	122191-56
6.6	122191-67
6.7	122191-68
6.8	122191-69
6.9	122191-70
7.0	122191-71
7.1	122191-72
7.2	122191-73
7.3	122191-61
7.4	122191-74
7.5	122191-75
7.6	122191-76
7.7	122191-77
7.8	122191-78
7.9	122191-58
8.0	122191-79
8.1	122191-80
8.2	122191-81
8.3	122191-82
8.4	122191-83
8.5	122191-62
8.6	122191-84
8.7	122191-85
8.8	122191-57
8.9	122191-86

WIRE GUIDE SIZE	ITEM NUMBER
9.0	122191-64
9.1	122191-87
9.2	122191-88
9.63	122191-89
9.35	122191-60
9.5	122191-90
9.6	122191-91
9.7	122191-92
9.8	122191-93
9.9	122191-94
10.0	122191-65
10.1	122191-95
10.2	122191-96
10.3	122191-97
10.4	122191-59
10.5	122191-98
10.6	122191-99
10.7	122191-100
10.8	122191-101
10.9	122191-103
11.0	122191-103
11.5	122191-66
12.0	122191-63
12.7	122191-107
12.9	122191-111

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WIRE GUIDES

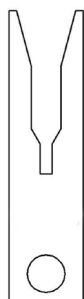
Wire guides are used in conjunction with collinear radius strip blades to precisely guide the conductor into the strip area of the blade. This will help prevent the conductor from coming in contact with the cutting edges of the strip blades, preventing premature strip blade wear.

USE WITH 122192 - XX STRIP BLADES -

Choosing the correct part number

When choosing the correct size, the guide diameter chosen should be 0.00 mm to 0.1 mm larger than the measured insulation diameter.

Example; 122193-1 = 1.0 mm Diameter Guide



122193

EUBANKS MACHINE MODELS:

2600 / 2601 , 2650 / 2651 , 2700 / 2701 2750 / 2751

81A , 2800 / 2801 , 2850 / 2851 842 , 2670 / 2671 ,

810A , 87 , 2900 / 2901 2950 / 2951 , 83 & 83A

WIRE GUIDE SIZE	ITEM NUMBER
0.7	122193-57
1.0	122193-1
1.1	122193-2
1.2	122193-3
1.3	122193-4
1.4	122193-5
1.5	122193-6
1.6	122193-7
1.7	122193-8
1.8	122193-9
1.9	122193-10
2.0	122193-11
2.1	122193-12
2.2	122193-13
2.3	122193-14
2.4	122193-15
2.5	122193-16
2.6	122193-17
2.7	122193-18

WIRE GUIDE SIZE	ITEM NUMBER
2.8	122193-19
2.9	122193-20
3.0	122193-21
3.1	122193-22
3.2	122193-23
3.3	122193-24
3.4	122193-25
3.5	122193-26
3.6	122193-27
3.7	122193-28
3.8	122193-29
3.9	122193-30
4.0	122193-31
4.1	122193-32
4.2	122193-33
4.3	122193-34
4.4	122193-35
4.5	122193-36
4.6	122193-37

WIRE GUIDE SIZE	ITEM NUMBER
4.7	122193-38
4.8	122193-39
4.9	122193-40
5.0	122193-41
5.1	122193-42
5.2	122193-43
5.3	122193-44
5.4	122193-45
5.5	122193-46
5.6	122193-47
5.7	122193-48
5.8	122193-49
5.9	122193-50
6.0	122193-51
6.1	122193-52
6.2	122193-53
6.3	122193-54
6.4	122193-55
6.5	122193-56

UNIVERSAL STRIP BLADES

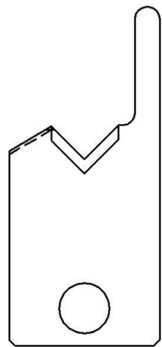
The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

EUBANKS MACHINE MODELS:

2600 / 2601 , 2650 / 2651 , 2700 / 2701 / 2750 / 2751 , 81A , 2800 /
2801 , 2850 / 2851 / 842 , 2670 / 2671 , 810A, 87 , 2900 / 2901,
2950 / 2951 , 83 & 83A

- TC Coating Available -



122198

ITEM NUMBER	DESCRIPTION	OEM#	CLASS
122198	UNIVERSAL STRIP	00154	UN-V

EUBANKS MACHINE SERIES

UNIVERSAL CUT-OFF BLADES CLASS: UN-V



UNIVERSAL CUT-OFF BLADES

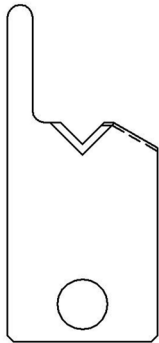
The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

EUBANKS MACHINE MODELS:

2600 / 2601, 2650 / 2651, 2700 / 2701, 2750 / 2751, 81A, 2800 / 2801,
2850 / 2851, 842, 2670 / 2671, 810A, 87, 2900 / 2901,
2950 / 2951, 83 & 83A

- TC Coating Available -



122190-XX

GAUGE	ITEM NUMBER	OEM#	CLASS
12-20	122190-1	00157	UN-V
22-28	122190-2	00158	UN-V
30-32	122190-3	00159	UN-V

EUBANKS MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V

TANGENT ANGLE “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

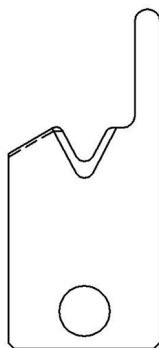
Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

EUBANKS MACHINE MODELS:

2600 / 2601 , 2650 / 2651 , 2700 / 2701
2750 / 2751 , 81A , 2800 / 2801 , 2850 / 2851
842 , 2670 / 2671 , 810A, 87 , 2900 / 2901
2950 / 2951 , 83 & 83A

- TC Coating Available -



122197-XX

OEM #
00155

AWG GAUGE	ITEM NUMBER	DESCRIPTION
30 - 32	122197-1	TA-V STRIP
26 - 28	122197-2	TA-V STRIP
22 - 24	122197-3	TA-V STRIP
20	122197-4	TA-V STRIP
18	122197-5	TA-V STRIP
16	122197-6	TA-V STRIP

AWG GAUGE	ITEM NUMBER	DESCRIPTION
14	122197-7	TA-V STRIP
12	122197-8	TA-V STRIP
10	122197-9	TA-V STRIP
8	122197-10	TA-V STRIP
2	122197-11	TA-V STRIP
1	122197-12	TA-V STRIP
4	122197-13	TA-V STRIP

EUBANKS MACHINE SERIES

CUT-OFF BLADES CLASS: WE-A



WIDE ENTRY ANGLE

The sharp edge is ground at an angle that results in a “V” opening above 90 degrees.

Characteristics: Wide angle is not as effective for gathering wire towards the operating radius.
This type works well for gathering thick, soft insulations, (such as ignition wire).

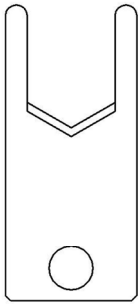
EUBANKS MACHINE MODELS:

2600 / 2601, 2650 / 2651, 2700 / 2701, 2750 / 2751, 81A
, 2800 / 2801, 2850 / 2851, 842, 2670 / 2671, 810A, 87 ,
2900 / 2901, 2950 / 2951, 83 & 83A

- TC Coating Available -

GAUGE	.030 THICKNESS ITEM NUMBER	OEM #	ENTRY ANLGE
12-20	122482-1	-----	123 DEGREE
22-28	122482-2	-----	123 DEGREE
30-32	122482-3	-----	123 DEGREE

GAUGE	.062 THICKNESS ITEM NUMBER	OEM #	ENTRY ANGLE
12-20	122482-4	02238	123 DEGREE
22-28	122482-5	-----	123 DEGREE
30-32	122482-6	-----	123 DEGREE



122482-XX

TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

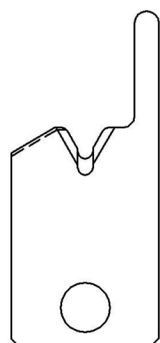
Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

EUBANKS MACHINE MODELS:

2600 / 2601 , 2650 / 2651 , 2700 / 2701
 2750 / 2751 , 81A , 2800 / 2801 , 2850 / 2851
 842 , 2670 / 2671 , 810A, 87 , 2900 / 2901
 2950 / 2951 , 83 & 83A

- TC Coating Available -



122196-XX

DIA SIZE	ITEM NUMBER	DESCRIPTION
.032	122196-16	TR-V STRIP
.039	122196-1	TR-V STRIP
.047	122196-2	TR-V STRIP
.055	122196-3	TR-V STRIP
.067	122196-4	TR-V STRIP
.078	122196-5	TR-V STRIP
.09	122196-6	TR-V STRIP
.102	122196-7	TR-V STRIP
.112	122196-8	TR-V STRIP
.125	122196-9	TR-V STRIP

DIA SIZE	ITEM NUMBER	DESCRIPTION
.140	122196-10	TR-V STRIP
.152	122196-11	TR-V STRIP
.160	122196-12	TR-V STRIP
.175	122196-13	TR-V STRIP
.200	122196-14	TR-V STRIP
.220	122196-15	TR-V STRIP
.290	122196-19	TR-V STRIP
..350	122196-18	TR-V STRIP
.420	122196-17	TR-V STRIP

SPECIAL APPLICATION BLADES

Lakes Precision, Inc. also provides blades for special applications.

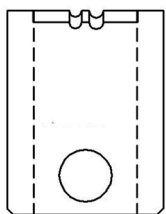
A few examples are shown here.

For blades to meet your specific application, please contact Lakes Precision, Inc.

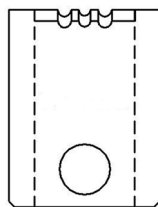
EUBANKS MACHINE MODELS:

2600 / 2601, 2650 / 2651, 2700 / 2701, 2750 / 2751, 81A, 2800 / 2801, 2850 / 2851, 842, 2670 / 2671, 810A, 87, 2900 / 2901, 2950 / 2951, 83 & 83A

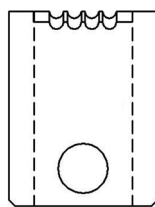
- TC Coating Available / Wire Samples Required -



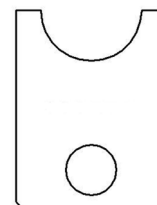
**2 CONDUCTOR
STRIP BLADE
122371-XX**



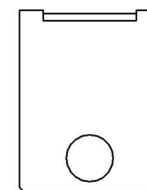
**3 CONDUCTOR
STRIP BLADE
122208-XX**



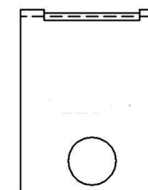
**4 CONDUCTOR
STRIP BLADE
122322-XX**



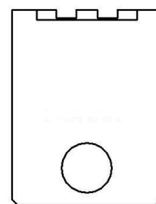
**ASSEMBLY STOPS
122372-XX**



**STRAIGHT EDGE
STRIP BLADE
123173-XX**



**STRAIGHT EDGE
RIBBON STRIPPER
122373-XX**

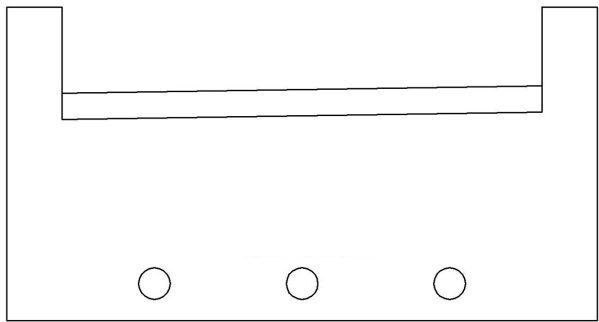


**NOTCHED
BUTT-STYLE CUT-OFF
122387-XX**

COLLINEAR ANGLE CUT-OFF BLADE

Sharp edge is ground to a collinear angle.
Sharp edges cut by shearing action. These type of blades by-pass allowing more adjustment in the cutterhead closure, for more versatility.
This class of blade is most often used for mulit-conductor flat or oval wire.

- TC Coating Available -



122396

ITEM NUMBER	DESCRIPTION	CLASS
122396	COLLINEAR ANGLE CUT-OFF	CL-A

EUBANKS 4900 / 7400 MACHINE SERIES

UNIVERSAL CUT / STRIP BLADES CLASS: UN-V

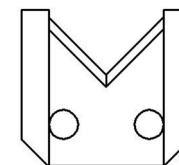
UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- *TC Coating Available* -

OEM #	ITEM NUMBER	DESCRIPTION	CLASS
14216 & 14217	122497	UNIVERSAL CUT / STRIP	UN-V



122497

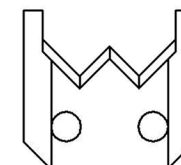
UNIVERSAL CUT / STRIP BLADES 2V

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- *TC Coating Available* -

OEM #	ITEM NUMBER	DESCRIPTION	CLASS
14463 & 14464	122825	2V CUT / STRIP	UN-V

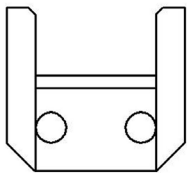


122825

COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.
- TC Coating Available -



123234

ITEM NUMBER	OEM #	DESCRIPTION
123234	14863	CL-A CUT / STRIP BLADE

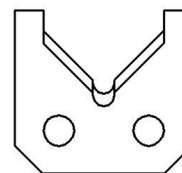
SPECIAL APPLICATION BLADES

Lakes Precision, Inc. also provides blades for special applications.

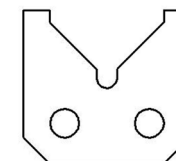
A few examples are shown here.

For blades to meet your specific application, please contact Lakes Precision, Inc.

- TC Coating Available / Wire Samples Required -



**TRU-RADIUS
STRIP BLADE
122713**



**RADIUS WIRE
GUIDE PLATE
122714**

- THESE BLADES ARE USED WITH THE EUBANKS 4900 & 7400 MODELS -

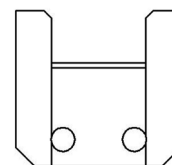
SPECIAL APPLICATION BLADES

Lakes Precision, Inc. also provides blades for special applications.

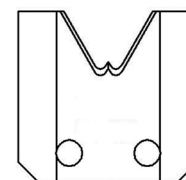
A few examples are shown here.

For blades to meet your specific application, please contact Lakes Precision, Inc.

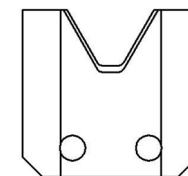
- TC Coating Available / Wire Samples Required -



**MULTI-CONDUCTOR
CUT-OFF
122822-XX**



**2V TA-V
STRIP BLADE
122486-XX**



**OVAL
STRIP BLADE
122869-XX**

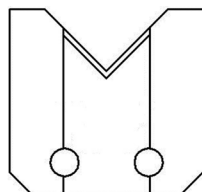
- THESE BLADES ARE USED WITH THE EUBANKS 8000 MODEL -

UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



122483-XX

OEM #	ITEM NUMBER	GAUGE	SHUT HEIGHT	CUTTING EDGE
14252	122483-3 STRIP	12 / 30	WITH / RELIEF	25 DEGREE
14248	122483-4 STRIP	4 / 12	WITH / RELIEF	25 DEGREE
14251	122483-1 CUT	12 / 30	WITH / RELIEF	35 DEGREE
14247	122483-2 CUT	4 / 12	WITH / RELIEF	35 DEGREE
14517-01	122483-5 CUT	6 / 30	WITHOUT RELIEF	35 DEGREE
14515-01	122483-6 CUT	2 / 4	WITHOUT RELIEF	35 DEGREE
-----	122483-7 STRIP	12 / 30	WITHOUT RELIEF	25 DEGREE
-----	122483-8 STRIP	4 / 12	WITHOUT RELIEF	25 DEGREE

EUBANKS 8000 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V



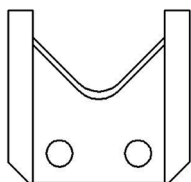
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and / or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



122489-XX

DIAMM SIZE	ITEM NUMBER
0.7	122489-1
0.8	122489-2
0.9	122489-3
1.0	122489-4
1.1	122489-5
1.2	122489-6
1.3	122489-7
1.4	122489-8
1.5	122489-9
1.6	122489-10
1.7	122489-11
1.8	122489-12
1.9	122489-13
2.0	122489-14
2.1	122489-15
2.2	122489-16
2.3	122489-17
2.4	122489-18
2.5	122489-19
2.6	122489-20
2.7	122489-21

DIAMM SIZE	ITEM NUMBER
2.8	122489-22
2.9	122489-23
3.0	122489-24
3.1	122489-25
3.2	122489-26
3.3	122489-27
3.4	122489-28
3.5	122489-29
3.6	122489-30
3.7	122489-31
3.8	122489-32
3.9	122489-33
4.0	122489-34
4.1	122489-35
4.2	122489-36
4.3	122489-37
4.4	122489-38
4.5	122489-39
4.6	122489-40
4.7	122489-41
4.8	122489-42

DIAMM SIZE	ITEM NUMBER
4.9	122489-43
5.0	122489-44
5.1	122489-45
5.2	122489-46
5.3	122489-47
5.4	122489-48
5.5	122489-49
5.6	122489-50
5.7	122489-51
5.8	122489-52
5.9	122489-53
6.0	122489-54
6.1	122489-55
6.2	122489-56
6.3	122489-57
6.4	122489-58
6.5	122489-59
6.6	122489-60
6.7	122489-61
6.8	122489-62
6.9	122489-63

DIAMM SIZE	ITEM NUMBER
7.0	122489-64
7.1	122489-65
7.2	122489-66
7.3	122489-67
7.4	122489-68
7.5	122489-69
7.6	122489-70
7.7	122489-71
7.8	122489-72
7.9	122489-73
8.0	122489-74
8.1	122489-75
8.2	122489-76
8.3	122489-77
8.4	122489-78
8.5	122489-79
8.6	122489-80
8.7	122489-81
9.1	122489-82

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• EMAIL: BLADES@LAKESPRECISION.COM •

EUBANKS 8000 MACHINE SERIES

TRU-RADIUS “V” BLADES CLASS: TR-V



TRU-RADIUS STRIP BLADE (.030 THICK)

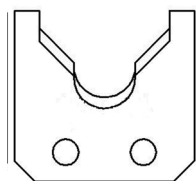
The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- USE WITH WIRE GUIDE PLATE 122717-XX -

- TC Coating Available -



122484

DIA MM SIZE	ITEM NUMBER
0.5	122484-82
0.6	122484-83
0.7	122484-1
0.74	122484-84
0.8	122484-2
0.9	122484-3
1.0	122484-4
1.1	122484-5
1.2	122484-6
1.3	122484-7
1.4	122484-8
1.5	122484-9
1.6	122484-10
1.7	122484-11
1.8	122484-12
1.9	122484-13
2.0	122484-14
2.1	122484-15
2.2	122484-16
2.3	122484-17
2.4	122484-18

DIA MM SIZE	ITEM NUMBER
2.5	122484-19
2.6	122484-20
2.7	122484-21
2.8	122484-22
2.9	122484-23
3.0	122484-24
3.1	122484-25
3.2	122484-26
3.3	122484-27
3.4	122484-28
3.5	122484-29
3.6	122484-30
3.7	122484-31
3.8	122484-32
3.9	122484-33
4.0	122484-34
4.1	122484-35
4.2	122484-36
4.3	122484-37
4.4	122484-38
4.5	122484-39

DIA MM SIZE	ITEM NUMBER
4.6	122484-40
4.7	122484-41
4.8	122484-42
4.9	122484-43
5.0	122484-44
5.1	122484-45
5.2	122484-46
5.3	122484-47
5.4	122484-48
5.5	122484-49
5.6	122484-50
5.7	122484-51
5.8	122484-52
5.9	122484-53
6.0	122484-54
6.1	122484-55
6.2	122484-56
6.3	122484-57
6.4	122484-58
6.5	122484-59
6.6	122484-60

DIA MM SIZE	ITEM NUMBER
6.7	122484-61
6.8	122484-62
6.9	122484-63
7.0	122484-64
7.1	122484-65
7.2	122484-66
7.3	122484-67
7.4	122484-68
7.5	122484-69
7.6	122484-70
7.7	122484-71
7.8	122484-72
7.9	122484-73
8.0	122484-74
8.1	122484-75
8.2	122484-76
8.3	122484-77
8.4	122484-78
8.5	122484-79
8.6	122484-80
8.7	122484-81

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• EMAIL: BLADES@LAKESPRECISION.COM •

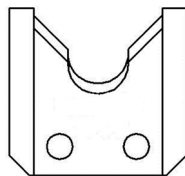
TRU-RADIUS STRIP BLADE WITH SLOT

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122485

OEM #

14320-01

DIA MM SIZE	ITEM NUMBER	DIA MM SIZE	ITEM NUMBER	DIA MM SIZE	ITEM NUMBER	DIA MM SIZE	ITEM NUMBER
0.6	122485-83	2.57	122485-19	4.6	122485-40	6.8	122485-62
0.7	122485-1	2.6	122485-20	4.7	122485-41	6.9	122485-63
0.8	122485-2	2.7	122485-21	4.8	122485-42	7.0	122485-64
0.9	122485-3	2.8	122485-22	4.9	122485-43	7.1	122485-65
1.0	122485-4	2.9	122485-23	5.0	122485-44	7.2	122485-66
1.1	122485-5	3.0	122485-24	5.1	122485-45	7.3	122485-67
1.2	122485-6	3.1	122485-25	5.2	122485-46	7.4	122485-68
1.3	122485-7	3.2	122485-26	5.3	122485-47	7.5	122485-69
1.4	122485-8	3.3	122485-27	5.4	122485-48	7.6	122485-70
1.5	122485-9	3.4	122485-28	5.5	122485-49	7.7	122485-71
1.6	122485-10	3.5	122485-29	5.6	122485-50	7.8	122485-72
1.7	122485-11	3.6	122485-30	5.7	122485-51	7.9	122485-73
1.8	122485-12	3.7	122485-31	5.8	122485-52	8.0	122485-74
1.9	122485-13	3.8	122485-32	5.9	122485-53	8.1	122485-75
2.0	122485-84	3.9	122485-33	6.0	122485-54	8.2	122485-76
2.06	122485-14	4.0	122485-34	6.1	122485-55	8.3	122485-77
2.1	122485-15	4.1	122485-35	6.2	122485-56	8.4	122485-78
2.2	122485-16	4.2	122485-36	6.3	122485-57	8.5	122485-79
2.3	122485-17	4.3	122485-37	6.4	122485-58	8.6	122485-80
2.4	122485-18	4.4	122485-38	6.5	122485-59	8.7	122485-81
2.5	122485-85	4.5	122485-39	6.6	122485-60	8.9	122485-82
				6.7	122485-61	9.0	122485-86

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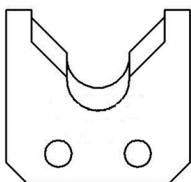
TRU-RADIUS STRIP BLADE WITHOUT SLOT

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122487

OEM #
14992-01

DIA MM SIZE	ITEM NUMBER
0.40	122487-84
0.71	122487-1
0.80	122487-2
0.89	122487-3
0.99	122487-4
1.10	122487-5
1.20	122487-6
1.30	122487-7
1.40	122487-8
1.50	122487-9
1.60	122487-10
1.70	122487-11
1.80	122487-12
1.90	122487-13
2.06	122487-14
2.11	122487-15
2.21	122487-16
2.30	122487-17
2.39	122487-18
2.49	122487-85
2.57	122487-19

2.60	122487-20
2.70	122487-21
2.80	122487-22
2.90	122487-23
2.97	122487-24
3.10	122487-25
3.20	122487-26
3.30	122487-27
3.40	122487-28
3.51	122487-29
3.60	122487-30
3.70	122487-31
3.80	122487-32
3.90	122487-33
4.01	122487-34
4.10	122487-35
4.20	122487-36
4.32	122487-37
4.42	122487-38
4.50	122487-39
4.60	122487-40
4.72	122487-41

4.80	122487-42
4.88	122487-43
5.00	122487-44
5.10	122487-45
5.20	122487-46
5.28	122487-47
5.40	122487-48
5.50	122487-49
5.60	122487-50
5.70	122487-51
5.80	122487-52
2.90	122487-53
5.99	122487-54
6.10	122487-55
6.20	122487-56
6.30	122487-57
6.40	122487-58
6.50	122487-59
6.60	122487-60
6.70	122487-61
6.80	122487-62
6.90	122487-63

7.00	122487-64
7.10	122487-65
7.20	122487-66
7.30	122487-67
7.40	122487-68
7.50	122487-69
7.60	122487-70
7.70	122487-71
7.78	122487-72
7.90	122487-73
8.00	122487-74
8.10	122487-75
8.20	122487-76
8.30	122487-77
8.40	122487-78
8.50	122487-79
8.60	122487-80
8.70	122487-81
9.91	122487-82
10.10	122487-83

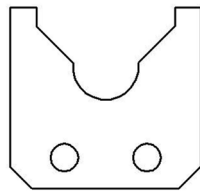
RADIUS WIRE GUIDE PLATE

Wire guides are used in conjunction with collinear radius strip blades to precisely guide the conductor into the strip area of the blade. This will help prevent the conductor from coming in contact with the cutting edges of the strip blades, preventing premature strip blade wear.

Choosing the correct part number

When choosing the correct size, the guide diameter chosen should be 0.00 mm to 0.1 mm larger than the measured insulation diameter.

- USE WITH 122484-XX STRIP BLADES -



122717-XX

WIRE GUIDE SIZE	ITEM NUMBER
0.79	122717-031
0.81	122717-032
0.84	122717-033
0.97	122717-038
0.99	122717-039
1.14	122717-045
1.22	122717-048
1.27	122717-050
1.55	122717-061
2.67	122717-105
2.79	122717-110
2.90	122717-114

WIRE GUIDE SIZE	ITEM NUMBER
3.00	122717-118
3.56	122717-140
4.95	122717-195
6.17	122717-243
6.20	122717-244
6.35	122717-250
6.53	122717-257
6.96	122717-274
7.26	122717-286
7.47	122717-294
8.00	122717-315
8.94	122717-352

EUBANKS 9800 MACHINE SERIES

UNIVERSAL STRIP BLADES CLASS: UN-V

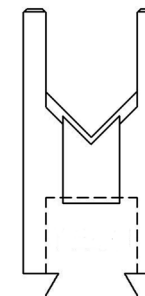
UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -

OEM #	ITEM NUMBER	DESCRIPTION	CLASS
12686	122233	UNIVERSAL STRIP WITH RELIEF	UN-V



122233

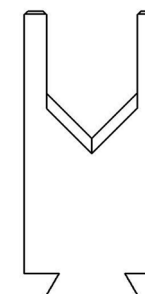
UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -

OEM #	ITEM NUMBER	DESCRIPTION	CLASS
14103	122883	UNIVERSAL STRIP WITHOUT RELIEF	UN-V



122883

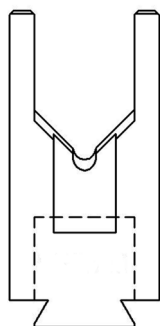
TRU-RADIUS STRIP BLADE WITH RELIEF

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122451

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
0.5	122451-21	TR-V STRIP
1.0	122451-6	TR-V STRIP
1.1	122451-7	TR-V STRIP
1.2	122451-8	TR-V STRIP
1.3	122451-9	TR-V STRIP
1.4	122451-10	TR-V STRIP
1.5	122451-11	TR-V STRIP
1.6	122451-12	TR-V STRIP
1.7	122451-13	TR-V STRIP
1.8	122451-14	TR-V STRIP
1.9	122451-15	TR-V STRIP
2.0	122451-16	TR-V STRIP
2.1	122451-17	TR-V STRIP

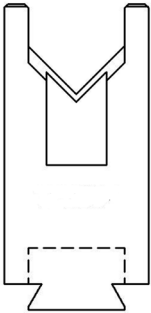
DIA MM SIZE	ITEM NUMBER	DESCRIPTION
2.2	122451-18	TR-V STRIP
2.3	122451-19	TR-V STRIP
2.4	122451-20	TR-V STRIP
2.6	122451-2	TR-V STRIP
3.0	122451-1	TR-V STRIP
3.2	122451-22	TR-V STRIP
3.3	122451-3	TR-V STRIP
3.6	122451-25	TR-V STRIP
4.1	122451-5	TR-V STRIP
4.6	122451-4	TR-V STRIP
5.3	122451-23	TR-V STRIP
7.7	122451-24	TR-V STRIP

UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -



122234

OEM #	ITEM NUMBER	DESCRIPTION	CLASS
12685	122234	UN-V CUT-OFF WITH RELIEF	UN-V



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FILOMAT MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR THE FOLLOWING MACHINE SERIES:

□ ASM 1000

□ PSAM

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FILOMAT ASM 1000 MACHINE SERIES

UNIVERSAL STRIP & CUT-OFF BLADES CLASS: UN-V / TA-V

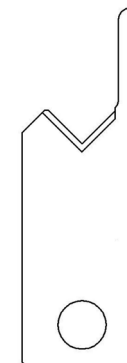
UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION	CUTTING EDGE
122226	6.013.0059.400	TA-V STRIP	30 DEGREE



122226

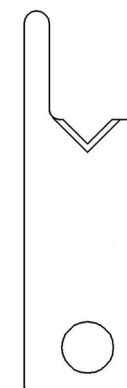
UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION	CUTTING EDGE
122225	6.013.0060.400	UN-V CUT-OFF	30 DEGREE
122724	6.013.0062.400	UN-V CUT-OFF	45 DEGREE



122225 &
122724

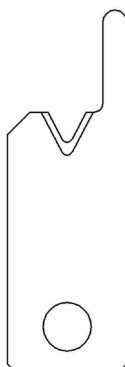
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



122323-X

DIA MM SIZE	ITEM NUMBER
0.3	122323-1
0.6	122323-2
0.9	122323-3
1.1	122323-4
1.3	122323-5
1.6	122323-6
1.9	122323-7
2.4	122323-8
2.8	122323-9

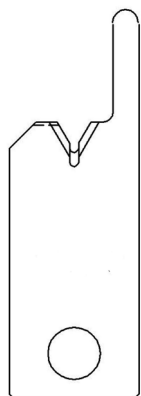
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122392-XX

MM SIZE	OEM #	ITEM NUMBER
0.5	-----	122392-40
0.8	6.013.92.408	122392-39
1.0	6.013.92.410	122392-1
1.2	6.013.92.412	122392-2
1.3	6.013.92.413	122392-38
1.4	6.013.92.414	122392-3
1.5	6.013.92.415	122392-37
1.6	6.013.92.416	122392-4
1.8	6.013.92.418	122392-5
2.0	6.013.92.420	122392-6
2.1	-----	122392-41
2.2	6.013.92.422	122392-7
2.4	6.013.92.424	122392-8
2.6	6.013.92.426	122392-9
2.8	6.013.92.428	122392-10
3.0	6.013.92.430	122392-11
3.2	6.013.92.432	122392-12
3.4	6.013.92.434	122392-13
3.6	6.013.92.436	122392-14
3.8	6.013.92.438	122392-15

MM SIZE	OEM #	ITEM NUMBER
4.0	6.013.92.440	122392-16
4.2	-----	122392-17
4.4	-----	122392-18
4.6	-----	122392-19
4.8	-----	122392-20
5.0	-----	122392-21
5.2	-----	122392-22
5.4	-----	122392-23
5.6	-----	122392-24
5.8	-----	122392-25
6.0	-----	122392-26
6.2	-----	122392-27
6.4	-----	122392-28
6.6	-----	122392-29
6.8	-----	122392-30
7.0	-----	122392-31
7.2	-----	122392-32
7.4	-----	122392-33
7.6	-----	122392-34
7.8	-----	122392-35
8.0	-----	122392-36

FILOMAT ASM 1000 MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES CLASS: CL-R

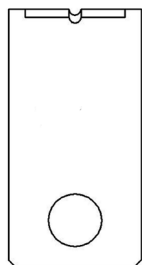
COLLINEAR RADIUS TYPE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122305-XX

DIA MM SIZE	ITEM NUMBER
0.6	122305-48
0.7	122305-1
0.8	122305-2
0.9	122305-3
1.0	122305-4
1.1	122305-5
1.2	122305-6
1.3	122305-7
1.4	122305-8
1.5	122305-9
1.6	122305-10
1.7	122305-11
1.8	122305-12
1.9	122305-13
2.0	122305-14
2.1	122305-15

DIA MM SIZE	ITEM NUMBER
2.2	122305-16
2.3	122305-17
2.4	122305-18
2.5	122305-19
2.6	122305-20
2.7	122305-21
2.8	122305-22
2.9	122305-23
3.0	122305-24
3.1	122305-25
3.2	122305-26
3.3	122305-27
3.4	122305-28
3.5	122305-29
3.6	122305-30
3.7	122305-31

DIA MM SIZE	ITEM NUMBER
3.8	122305-32
3.9	122305-33
4.0	122305-34
4.1	122305-35
4.2	122305-36
4.3	122305-37
4.4	122305-38
4.5	122305-39
4.6	122305-40
4.7	122305-41
4.8	122305-42
4.9	122305-43
5.3	122305-44
6.0	122305-45
6.5	122305-46
8.2	122305-47

FILOMAT ASM 1000 MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES WITH RELIEF CLASS: CL-R

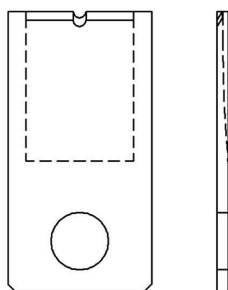
COLLINEAR RADIUS TYPE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123228

DIA MM SIZE	ITEM NUMBER
0.5	123228-1
0.6	123228-2
0.7	123228-3
0.8	123228-4
0.9	123228-5
1.0	123228-6
1.1	123228-7
1.2	123228-8
1.3	123228-9
1.4	123228-10
1.5	123228-11
1.6	123228-12
1.7	123228-13
1.8	123228-14
1.9	123228-15

DIA MM SIZE	ITEM NUMBER
2.0	123228-16
2.1	123228-17
2.2	123228-18
2.3	123228-19
2.4	123228-20
2.5	123228-21
2.6	132228-22
2.7	123228-23
2.8	123228-24
2.9	123228-25
3.0	123228-26
3.1	123228-27
3.2	123228-28
3.3	123228-29
3.4	123228-30

DIA MM SIZE	ITEM NUMBER
3.5	123228-31
3.6	123228-32
3.7	123228-33
3.8	123228-34
3.9	123228-35
4.0	123228-36
4.1	123228-37
4.2	123228-38
4.3	123228-39
4.4	123228-40
4.5	123228-41
4.6	123228-42
4.7	123228-43
4.8	123228-44
4.9	123228-45
5.0	123228-46

FILOMAT ASM 1000 MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES CLASS: CL-R

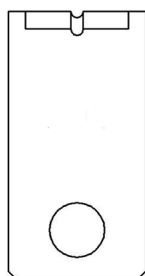
COLLINEAR RADIUS TYPE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122306

DIA MM SIZE	ITEM NUMBER
0.6	122306-48
0.7	122306-1
0.8	122306-2
0.9	122306-3
1.0	122306-4
1.1	122306-5
1.2	122306-6
1.3	122306-7
1.4	122306-8
1.5	122306-9
1.6	122306-10
1.7	122306-11
1.8	122306-12
1.9	122306-13
2.0	122306-14
2.1	122306-15

DIA MM SIZE	ITEM NUMBER
2.2	122306-16
2.3	122306-17
2.4	122306-18
2.5	122306-19
2.6	122306-20
2.7	122306-21
2.8	122306-22
2.9	122306-23
3.0	122306-24
3.1	122306-25
3.2	122306-26
3.3	122306-27
3.4	122306-28
3.5	122306-29
3.6	122306-30
3.7	122306-31

DIA MM SIZE	ITEM NUMBER
3.8	122306-32
3.9	122306-33
4.0	122306-34
4.1	122306-35
4.2	122306-36
4.3	122306-37
4.4	122306-38
4.5	122306-39
4.6	122306-40
4.7	122306-41
4.8	122306-42
4.9	122306-43
5.3	122306-44
6.0	122306-45
6.5	122306-46
8.2	122306-47

FILOMAT ASM 1000 MACHINE SERIES

COLLINEAR ANGLE CUT-OFF BLADES CLASS: CL-R



COLLINEAR ANGLE CUT-OFF BLADE

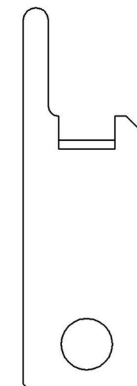
Sharp edge is ground to a collinear angle.

Sharp edges cut by shearing action. These type of blades by-pass allowing more adjustment in the cutterhead closure, for more versatility.

This class of blade is most often used for multi-conductor flat or oval wire.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
122620	STRAIGHT EDGE CUT-OFF BLADE



122620

COLLINEAR ANGLE CUT-OFF BLADE

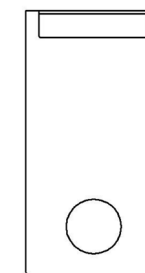
Sharp edges cut by compression.

This class of blade was designed to allow positive control of cutter head closure. It also allows precision processing of specific wire sizes with an inherent blade longevity.

This type of blade is used with collinear radius strip blades.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
122399	COLLINEAR CUT-OFF BLADE



122399

OEM# 6.013.0072.400

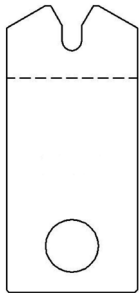
RADIUS WIRE GUIDE

Wire guides are used in conjunction with collinear radius strip blades to precisely guide the conductor into the strip area of the blade. This will help prevent the conductor from coming in contact with the cutting edges of the strip blades, preventing premature strip blade wear.

Choosing the correct part number

When choosing the correct size, the guide diameter chosen should be 0.00 mm to 0.1 mm larger than the measured insulation diameter.

Example; 122421-1 = 0.8 mm Diameter Guide



122421

MM SIZE	ITEM NUMBER
0.8	122421-1
0.9	122421-2
1.0	122421-3
1.1	122421-4
1.2	122421-5
1.3	122421-6
1.4	122421-7
1.5	122421-8
1.6	122421-9
1.7	122421-10
1.8	122421-11
1.9	122421-12
2.0	122421-13
2.1	122421-14
2.2	122421-15
2.3	122421-16

MM SIZE	ITEM NUMBER
2.4	122421-17
2.5	122421-18
2.6	122421-19
2.7	122421-20
2.8	122421-21
2.9	122421-22
3.0	122421-23
3.1	122421-24
3.2	122421-25
3.3	122421-26
3.4	122421-27
3.5	122421-28
3.6	122421-29
3.9	122421-30
7.0	122421-31

FILOMAT PSAM MACHINE SERIES

COLLINEAR RADIUS DIE BLADES CLASS: CL-R

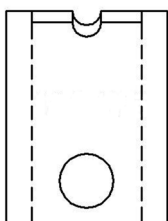
COLLINEAR RADIUS TYPE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122475

DIA MM SIZE	ITEM NUMBER
0.7	122475-1
0.8	122475-2
0.9	122475-3
1.0	122475-4
1.1	122475-5
1.2	122475-6
1.3	122475-7
1.35	122475-63
1.4	122475-8
1.5	122475-9
1.6	122475-10
1.7	122475-11
1.8	122475-12
1.9	122475-13
2.0	122475-14
2.1	122475-15

DIA MM SIZE	ITEM NUMBER
2.2	122475-16
2.3	122475-17
2.4	122475-18
2.5	122475-19
2.6	122475-20
2.7	122475-21
2.8	122475-22
2.9	122475-23
3.0	122475-24
3.1	122475-25
3.2	122475-26
3.3	122475-27
3.4	122475-28
3.5	122475-29
3.6	122475-30
3.7	122475-31

DIA MM SIZE	ITEM NUMBER
3.8	122475-32
3.9	122475-33
4.0	122475-34
4.1	122475-35
4.2	122475-36
4.3	122475-37
4.4	122475-38
4.5	122475-39
4.6	122475-40
4.7	122475-41
4.8	122475-42
4.9	122475-43
5.0	122475-44
5.1	122475-45
5.2	122475-46
5.3	122475-47

DIA MM SIZE	ITEM NUMBER
5.4	122475-48
5.5	122475-49
5.6	122475-50
5.7	122475-51
5.8	122475-52
5.9	122475-53
6.0	122475-54
6.1	122475-55
6.2	122475-56
6.3	122475-57
6.4	122475-58
6.5	122475-59
6.6	122475-60
6.7	122475-61
6.8	122475-62

FILOMAT PSAM MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES



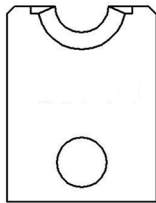
COLLINEAR RADIUS TYPE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122470

DIA MM SIZE	ITEM NUMBER	DIA MM SIZE	ITEM NUMBER	DIA MM SIZE	ITEM NUMBER	DIA MM SIZE	ITEM NUMBER	DIA MM SIZE	ITEM NUMBER
0.7	122470-1	2.6	122470-20	4.5	122470-39	6.4	122470-58	8.3	122470-77
0.8	122470-2	2.7	122470-21	4.6	122470-40	6.5	122470-59	8.4	122470-78
0.9	122470-3	2.8	122470-22	4.7	122470-41	6.6	122470-60	8.5	122470-79
1.0	122470-4	2.9	122470-23	4.8	122470-42	6.7	122470-61	8.6	122470-80
1.1	122470-5	3.0	122470-24	4.9	122470-43	6.8	122470-62	8.7	122470-81
1.2	122470-6	3.1	122470-25	5.0	122470-44	6.9	122470-63	8.8	122470-82
1.3	122470-7	3.2	122470-26	5.1	122470-45	7.0	122470-64	8.9	122470-83
1.4	122470-8	3.3	122470-27	5.2	122470-46	7.1	122470-65	9.0	122470-84
1.5	122470-9	3.4	122470-28	5.3	122470-47	7.2	122470-66	9.1	122470-85
1.6	122470-10	3.5	122470-29	5.4	122470-48	7.3	122470-67	9.2	122470-86
1.7	122470-11	3.6	122470-30	5.5	122470-49	7.4	122470-68	9.3	122470-87
1.8	122470-12	3.7	122470-31	5.6	122470-50	7.5	122470-69	9.4	122470-88
1.9	122470-13	3.8	122470-32	5.7	122470-51	7.6	122470-70	9.5	122470-89
2.0	122470-14	3.9	122470-33	5.8	122470-52	7.7	122470-71	9.6	122470-90
2.1	122470-15	4.0	122470-34	5.9	122470-53	7.8	122470-72	9.7	122470-91
2.2	122470-16	4.1	122470-35	6.0	122470-54	7.9	122470-73	9.8	122470-92
2.3	122470-17	4.2	122470-36	6.1	122470-55	8.0	122470-74	9.9	122470-93
2.4	122470-18	4.3	122470-37	6.2	122470-56	8.1	122470-75	10.0	122470-103
2.5	122470-19	4.4	122470-38	6.3	122470-57	8.2	122470-76	11.0	122470-94

• THREE LAKES, WI (715) 546-3070 • **CONTACT LAKES PRECISION** • EL PASO, TX (915) 856-6606 •

• EMAIL: BLADES@LAKESPRECISION.COM •

FILOMAT PSAM MACHINE SERIES

DIE TYPE CUT-OFF BLADE CLASS: CL-A



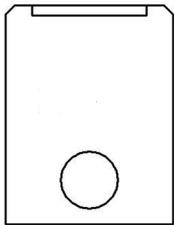
COLLINEAR ANGLE CUT-OFF BLADE

Sharp edges cut by compression.

This class of blade was designed to allow positive control of cutter head closure. It also allows precision processing of specific wire sizes with an inherent blade longevity.

This type of blade is used with collinear radius strip blades.

- TC Coating Available -



122469

ITEM NUMBER	OEM #	DESCRIPTION	CLASS
122469	6.013.0022.400	DIE TYPE CUT-OFF	CL-A

FILOMAT PSAM MACHINE SERIES

CUT-OFF BLADES CLASS: TA-V / WE-A



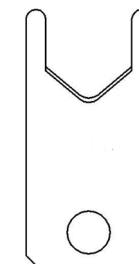
TANGENT ANGLE CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	THICKNESS	CUTTING EDGE	DESCRIPTION
122471	.0315	50 DEGREE	TA-V / WE-A CUT-OFF



122471

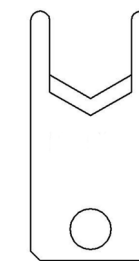
WIDE ENTRY CUT-OFF BLADE

Sharp edge is ground at an angle that results in a "V" opening above 90 degrees.

Characteristics: Wide angle is not as effective for gathering wire towards the operating radius. This type works well for gathering thick, soft insulations, (such as ignition wire).

- TC Coating Available -

ITEM NUMBER	THICKNESS	CUTTING EDGE	DESCRIPTION
122601	.0630	30 DEGREE	120 DEGREE WE-A CUT-OFF



122601

OEM# 6.013.0006.400

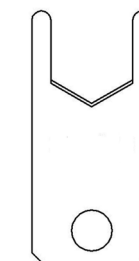
WIDE ENTRY CUT-OFF BLADE

Sharp edge is ground at an angle that results in a "V" opening above 90 degrees.

Characteristics: Wide angle is not as effective for gathering wire towards the operating radius. This type works well for gathering thick, soft insulations, (such as ignition wire).

- TC Coating Available -

ITEM NUMBER	THICKNESS	CUTTING EDGE	DESCRIPTION
122473	.0315	45 DEGREE	120 DEGREE WE-A CUT-OFF



122473

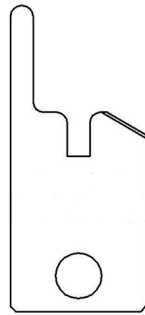
WIRE GUIDES

Wire guides are used in conjunction with collinear radius strip blades to precisely guide the conductor into the strip area of the blade. This will help prevent the conductor from coming in contact with the cutting edges of the strip blades, preventing premature strip blade wear.

Choosing the correct part number

When choosing the correct size, the guide diameter chosen should be 0.00 mm to 0.1 mm larger than the measured insulation diameter.

Example; 122474-1 = 1.0 mm Diameter Guide



122474

DIA MM SIZE	OEM #	ITEM NUMBER
1.0	6.013.0038.410	122474-1
1.1	6.013.0038.411	122474-2
1.2	6.013.0038.412	122474-3
1.3	6.013.0038.413	122474-4
1.4	6.013.0038.414	122474-5
1.5	6.013.0038.415	122474-6
1.6	6.013.0038.416	122474-7
1.7	6.013.0038.417	122474-8
1.8	6.013.0038.418	122474-9
1.9	6.013.0038.419	122474-10
2.0	6.013.0038.420	122474-11
2.1	6.013.0038.421	122474-12
2.2	6.013.0038.422	122474-13
2.3	6.013.0038.423	122474-14

DIA MM SIZE	OEM #	ITEM NUMBER
2.4	6.013.0038.424	122474-15
2.5	6.013.0038.425	122474-16
2.6	6.013.0038.426	122474-17
2.7	6.013.0038.427	122474-18
2.8	6.013.0038.428	122474-19
2.9	6.013.0038.429	122474-20
3.0	6.013.0038.430	122474-21
3.1	6.013.0038.431	122474-22
3.2	6.013.0038.432	122474-23
3.3	6.013.0038.433	122474-24
3.4	6.013.0038.434	122474-25
3.5	6.013.0038.435	122474-26
3.6	6.013.0038.436	122474-27
3.7	6.013.0038.437	122474-28

FILOMAT PSAM MACHINE SERIES

WIRE GUIDES CLASS: WG

- ADDITIONAL PART NUMBER'S ON SUCCEEDING PAGE -

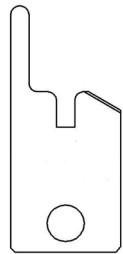
WIRE GUIDES

Wire guides are used in conjunction with collinear radius strip blades to precisely guide the conductor into the strip area of the blade. This will help prevent the conductor from coming in contact with the cutting edges of the strip blades, preventing premature strip blade wear.

Choosing the correct part number

When choosing the correct size, the guide diameter chosen should be 0.00 mm to 0.1 mm larger than the measured insulation diameter.

Example; 122474-1 = 1.0 mm Diameter Guide



122474

DIA MM SIZE	OEM #	ITEM NUMBER
3.8	6.013.0038.438	122474-29
3.9	6.013.0038.439	122474-30
4.0	6.013.0038.440	122474-31
4.1	6.013.0038.441	122474-32
4.2	6.013.0038.442	122474-33
4.3	6.013.0038.443	122474-34
4.4	6.013.0038.444	122474-35
4.5	6.013.0038.445	122474-36
4.6	6.013.0038.446	122474-37
4.7	6.013.0038.447	122474-38
4.8	6.013.0038.448	122474-39
4.9	6.013.0038.449	122474-40
5.0	6.013.0038.450	122474-41
5.1	6.013.0038.451	122474-42
5.2	6.013.0038.452	122474-43
5.3	6.013.0038.453	122474-44
5.4	6.013.0038.454	122474-45
5.5	6.013.0038.455	122474-46
5.6	6.013.0038.456	122474-47

DIA MM SIZE	OEM #	ITEM NUMBER
5.7	6.013.0038.457	122474-48
5.8	6.013.0038.458	122474-49
5.9	6.013.0038.459	122474-50
6.0	6.013.0038.460	122474-51
6.1	6.013.0038.461	122474-52
6.2	6.013.0038.462	122474-53
6.3	6.013.0038.463	122474-54
6.4	6.013.0038.464	122474-55
6.5	6.013.0038.465	122474-56
6.6	6.013.0038.466	122474-57
6.7	6.013.0038.467	122474-58
6.8	6.013.0038.468	122474-59
6.9	6.013.0038.469	122474-60
7.0	6.013.0038.470	122474-61
7.1	6.013.0038.471	122474-62
7.2	6.013.0038.472	122474-63
7.3	6.013.0038.473	122474-64
7.4	6.013.0038.474	122474-65
7.5	6.013.0038.475	122474-66

DIA MM SIZE	OEM #	ITEM NUMBER
7.6	6.013.0038.476	122474-67
7.7	6.013.0038.477	122474-68
7.8	6.013.0038.478	122474-69
7.9	6.013.0038.479	122474-70
8.0	6.013.0038.480	122474-71
8.1	6.013.0038.481	122474-72
8.2	6.013.0038.482	122474-73
8.3	6.013.0038.483	122474-74
8.4	6.013.0038.484	122474-75
8.5	6.013.0038.485	122474-76
8.6	6.013.0038.486	122474-77
8.7	6.013.0038.487	122474-78
8.8	6.013.0038.488	122474-79
8.9	6.013.0038.489	122474-80
9.0	6.013.0038.490	122474-81
9.1	6.013.0038.491	122474-82
9.2	6.013.0038.492	122474-83
9.3	6.013.0038.493	122474-84
11.6	-----	122474-85

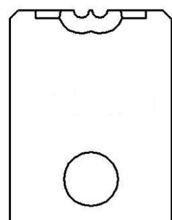
SPECIAL APPLICATION BLADES

Lakes Precision, Inc. also provides blades for special applications.

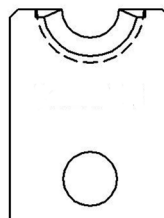
A few examples are shown here.

For blades to meet your specific application, please contact Lakes Precision, Inc.

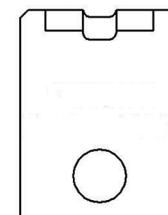
- TC Coating Available - / Wire Samples Needed -



**122472-XX
MULTI-CONDUCTOR**



**122905-XX
ROUND CABLE**



**122936-XX
OVAL CABLE**



LAKES PRECISION^{INC.}

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HELLERMANN / TYTON MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR THE FOLLOWING MACHINE SERIES:

□ MK-3

□ MK-7

□ MK-8

□ MK-6

□ MK-7-P

□ MK-9

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HELLERMANN / TYTON MK-3

CUT BLADE

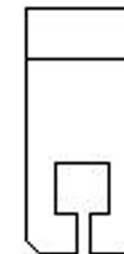
COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action.

- *TC Coating Available* -

ITEM NUMBER	OEM #	DESCRIPTION
124075	064-00101	CUT BLADE



124075

HELLERMANN / TYTON MK-6

CUT BLADE FOR HAND WIRE TIE APPLICATOR

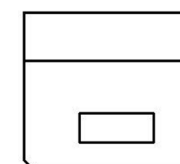
COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action.

- *TC Coating Available* -

ITEM NUMBER	DESCRIPTION
123058	CUT BLADE



123058

HELLERMANN / TYTON MK-7

CUT BLADE

COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action.

- *TC Coating Available* -

ITEM NUMBER	OEM #	DESCRIPTION
124076	067-00449	CUT BLADE



124076

HELLERMANN / TYTON MK7-P

CUT BLADE

COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action.

- *TC Coating Available* -

ITEM NUMBER	OEM #	DESCRIPTION
124025	067-001342	CUT BLADE



124025

HELLERMANN / TYTON MK-8

CUT BLADE FOR “MK-8 NEW” WIRE TIE APPLICATOR

COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action.

- *TC Coating Available* -

ITEM NUMBER	DESCRIPTION
123059	CUT BLADE



123059

HELLERMANN / TYTON MK-9

CUT BLADE “MK-9” WIRE TIE APPLICATOR

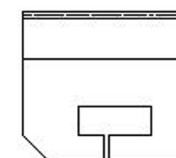
COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action.

- *TC Coating Available* -

ITEM NUMBER	DESCRIPTION
123534	CUT BLADE



123534



LAKES PRECISION^{INC.}

Your Global Source for Wire Processing Perishable Tooling

HO TIEN MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR HT 70 MACHINE SERIES

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www.lakesprecision.com

HO TIEN HT 70 MACHINE SERIES

COLLINEAR ANGLE STRIP & CUT-OFF BLADES CLASS: CL-A

COLLINEAR ANGLE STRIP BLADES

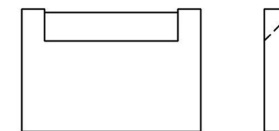
Sharp edge is ground to a flat collinear angle.

This class of blade was designed to allow multiple conductor wire to be processed with one set of blades. This class is also used in many rotary strip models. The main advantage of this class is the ability to process many different wire gauges with the same blades, (dependent upon machine function).

There will always be a percentage of insulation tear with this class of blade. This class does not work well with thin wall insulation.

- TC Coating Available -

ITEM NUMBER	MARK	DESCRIPTION
123203-1	0.85S	CL-A STRIAGHT EDGE STRIP
123203-2	0.85L	CL-A STRIAGHT EDGE STRIP



123203-XX

COLLINEAR ANGLE CUT-OFF BLADES

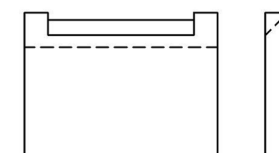
Sharp edge is ground to a collinear angle.

Characteristics: Sharp edges cut by compression. This class of blade was designed to allow positive control of cutter head closure. It also allows precision processing of specific wire sizes with an inherent blade longevity.

This type of blade is used with collinear radius strip blades.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
123204-1	CL-A BY-M CUT BLADE



123204-XX



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HOW-JIN MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR HOW-JIN MACHINE SERIES

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TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



123150-XX

ITEM NUMBER	MARK	DESCRIPTION
123150-0.1	0.1R	TA-V STRIPPER / CRIMPER
123150-0.5	0.5R	TA-V STRIPPER / CRIMPER
123150-0.75	0.75R	TA-V STRIPPER / CRIMPER
123150-1.0	1.0R	TA-V STRIPPER / CRIMPER
123150-1.5	1.5R	TA-V STRIPPER / CRIMPER
123150-2.0	2.0R	TA-V STRIPPER / CRIMPER



LAKES PRECISION^{INC.}

Your Global Source for Wire Processing Perishable Tooling

IDEAL / ARTOS MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR THE FOLLOWING MACHINE SERIES:

- ☐ 45-048
- ☐ 45-064
- ☐ 45-065
- ☐ 45-700 / 45-705
- ☐ 45-725
- ☐ 45-774
- ☐ 45-940

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IDEAL / ARTOS 45-048 MACHINE SERIES

CUT-OFF BLADES CLASS: CL-R / CL-A

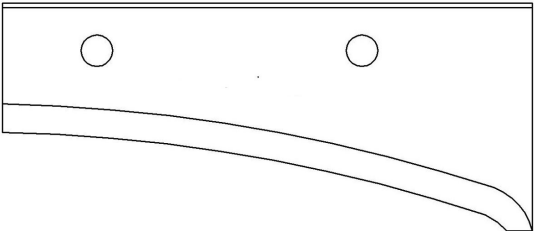


CUT-OFF BLADES

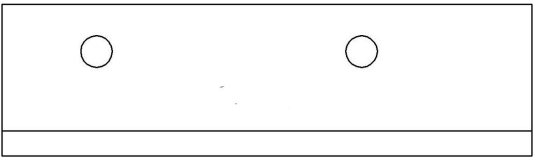
- FOR MORE INFORMATION ON THESE BLADES, PLEASE CONTACT LAKES PRECISION, INC.

LPI096 & LPI097 = BLADE SET (L-6040)

- TC Coating Available -

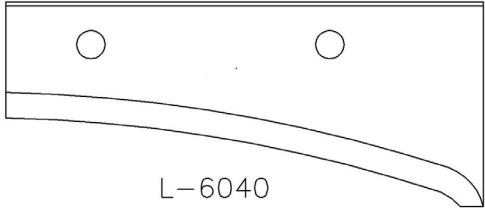


**LPI096
UPPER BLADE**

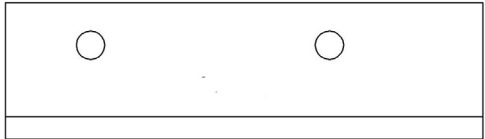


**LPI097
LOWER BLADE**

ITEM NUMBER	DESCRIPTION	OEM #
LPI096	CL-R / UPPER KNIFE	L-6038
LPI097	CL-A / LOWER CUT-OFF	L-6039
L-6040	IDEAL SET 1 PC OF EACH	L-6040



L-6040



IDEAL / ARTOS 45-064 MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES CLASS: CL-A

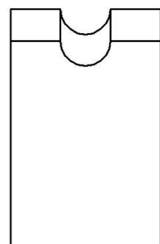


COLLINEAR RADIUS TYPE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.



122550

DIA SIZE	ITEM NUMBER	OEM #
0.0	122550-1	L-3064
.018	122550-93	-----
.024	122550-96	-----
.031	122550-94	-----
.038	122550-97	-----
.039	122550-73	L-3616
.047	122550-95	-----
.051	122550-79	-----
.053	122550-98	-----
.059	122550-74	L-3065
.067	122550-80	-----
.071	122550-83	-----
.079	122550-75	L-3066
.090	122550-78	-----
.099	122550-76	L-3067
.110	122550-82	-----
.120	122550-77	L-3068
.125	122550-2	-----
.128	122550-3	-----
.130	122550-81	-----

DIA SIZE	ITEM NUMBER	OEM #
.136	122550-4	-----
.140	122550-5	L-3069
.144	122550-6	-----
.147	122550-7	-----
.149	122550-8	-----
.152	122550-9	-----
.154	122550-10	-----
.156	122550-11	-----
.157	122550-12	-----
.159	122550-13	-----
.161	122550-14	L-3070
.166	122550-15	-----
.169	122550-16	-----
.172	122550-17	-----
.177	122550-18	-----
.180	122550-19	-----
.182	122550-20	L-3071
.185	122550-21	-----
.187	122550-22	-----
.189	122550-23	-----

DIA SIZE	ITEM NUMBER	OEM #
.191	122550-24	-----
.193	122550-25	-----
.196	122550-26	-----
.199	122550-27	-----
.201	122550-28	-----
.203	122550-29	-----
.204	122550-30	L-3072
.209	122550-31	-----
.213	122550-32	-----
.218	122550-33	-----
.221	122550-34	-----
.228	122550-35	L-3073
.234	122550-36	-----
.238	122550-37	-----
.240	122550-86	-----
.242	122550-38	-----
.246	122550-39	-----
.250	122550-40	L-3074
.256	122550-92	-----
.257	122550-41	-----

DIA SIZE	ITEM NUMBER	OEM #
.261	122550-42	-----
.265	122550-43	-----
.272	122550-44	L-3617
.274	122550-88	-----
.277	122550-45	-----
.281	122550-46	-----
.290	122550-47	L-3075
.292	122550-85	-----
.295	122550-48	-----
.302	122550-49	-----
.312	122550-50	L-3076
.316	122550-51	-----
.322	122550-87	-----
.323	122550-52	-----
.328	122550-53	-----
.339	122550-55	-----
.344	122550-56	-----
.348	122550-57	L-3077
.358	122550-58	-----
.364	122550-84	-----

DIA SIZE	ITEM NUMBER	OEM #
.368	122550-59	L-3619
.375	122550-60	-----
.377	122550-61	-----
.386	122550-62	L-3078
.390	122550-63	-----
.397	122550-64	-----
.404	122550-65	L-3620
.413	122550-66	-----
.423	122550-7	L-3621
.437	122550-68	L-3079
.453	122550-69	L-3622
.468	122550-70	L-3628
.484	122550-71	-----
.500	122550-72	-----
.510	122550-90	-----
.520	122550-91	-----
.525	122550-89	-----

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IDEAL / ARTOS 45-065 MACHINE SERIES

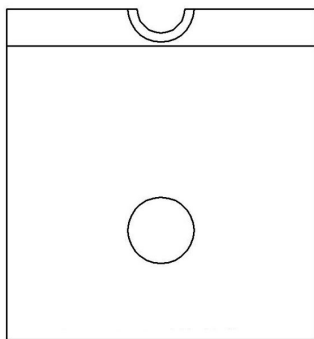
COLLINEAR RADIUS STRIP BLADES CLASS: CL-R

COLLINEAR RADIUS TYPE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.



5-122353

ITEM NUMBER	CONDUCTOR	COUNTERBORE
5-122353-1	.182	-----
5-122353-2	.228	-----
5-122353-3	.205	-----
5-122353-4	.250	-----
5-122353-5	.254	.316
5-122353-6	.234	.308
5-122353-7	.312	.386
5-122353-8	.242	.322
5-122353-9	.360	-----
5-122353-10	.290	-----

ITEM NUMBER	CONDUCTOR	COUNTERBORE
5-122353-11	.238	-----
5-122353-12	.210	-----
5-122353-13	.187	-----
5-122353-14	.159	-----
5-122353-15	.125	-----
5-122353-16	.218	.302
5-122353-17	.238	.397
5-122353-18	.177	.272
5-122353-19	.358	.500
5-122353-20	.234	-----

IDEAL / ARTOS 45-065 MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES CLASS: CL-R

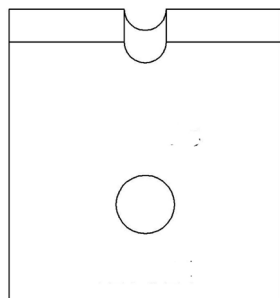
COLLINEAR RADIUS TYPE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123021

DIA MM SIZE	ITEM NUMBER	OEM #
0.0	123021-1	I-6561
3.25	123021-43	-----
4.5	123021-29	-----
4.6	123021-30	LB-1775
4.8	123021-47	-----
5.2	123021-37	LB-1776
5.5	123021-26	-----
6.0	123021-27	-----
6.35	123021-35	LB-1778
6.6	123021-36	-----
6.9	123021-33	LB-1779
7.3	123021-34	LB-1780
7.6	123021-38	-----
7.9	123021-2	I-6559
8.1	123021-39	-----

4.1	123021-42	LB-1774
DIA MM SIZE	ITEM NUMBER	OEM #
8.4	123021-32	LB-1781
8.8	123021-3	I-6558
9.1	123021-28	-----
9.3	123021-31	LB-1782
9.5	123021-41	-----
9.8	123021-4	I-6557
10.2	123021-46	-----
10.3	123021-5	-----
10.7	123021-6	I-6555
11.0	123021-7	-----
11.1	123021-40	I-6537
11.5	123021-25	LB-1783
11.9	123021-8	I-6538
12.7	123021-9	I-6539

12.9	123021-44	-----
DIA MM SIZE	ITEM NUMBER	OEM #
13.3	123021-10	I-6540
14.2	123021-11	I-6541
15.0	123021-45	-----
15.2	123021-12	I-6542
15.9	123021-13	I-6543
16.5	123021-14	I-6544
17.8	123021-15	I-6545
19.1	123021-16	I-6546
20.3	123021-17	I-6547
21.6	123021-18	I-6548
22.4	123021-19	I-6549
23.5	123021-20	I-6550
24.4	123021-21	I-6551
25.5	123021-22	I-6552
27.2	123021-23	I-6553

COLLINEAR ANGLE CUT-OFF BLADES

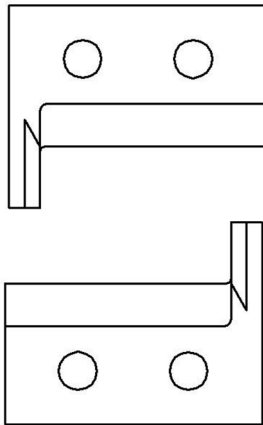
Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

2 PIECES OF 123080-1 = BLADE SET

2 PIECES OF 123080-2 = BLADE SET

- TC Coating Available -



123080-XX

ITEM NUMBER	OEM #	MATERIAL	DESCRIPTION
123080-1	LB-1483	TOOL STEEL	FIXED CL-A CUT-OFF
123080-2	-----	CARBIDE	FIXED CL-A CUT-OFF

IDEAL / ARTOS 45-700 / 45-705 MACHINE SERIES

COLLINEAR ANGLE CUT-OFF BLADES CLASS: CL-A



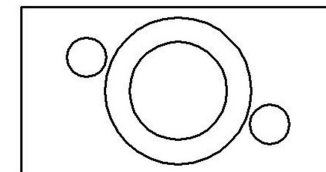
COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -

ITEM NUMBER	OEM #	MATERIAL	DESCRIPTION
123078-1	LB-1481	TOOL STEEL	FIXED CL-A CUT-OFF
123078-2	-----	CARBIDE	FIXED CL-A CUT-OFF



123078

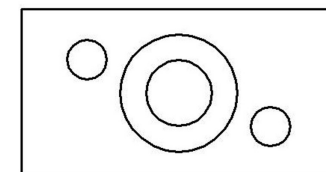
COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -

ITEM NUMBER	OEM #	MATERIAL	DESCRIPTION
123081-1	LB-0684	TOOL STEEL	FIXED CL-A CUT-OFF
123081-2	LB-6336	CARBIDE	FIXED CL-A CUT-OFF



123081

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IDEAL / ARTOS 45-700 / 45-705 MACHINE SERIES

COLLINEAR ANGLE CUT-OFF BLADES CLASS: CL-A



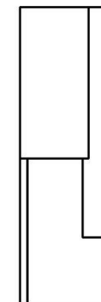
COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -

ITEM NUMBER	OEM #	MATERIAL	DESCRIPTION
123079-1	LB-1484	TOOL STEEL	MOVABLE CUT-OFF
123079-2	-----	CARBIDE	MOVABLE CUT-OFF



123079
LONG BLADE

COLLINEAR ANGLE CUT-OFF BLADES

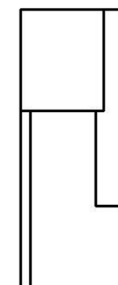
Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- FOR MORE INFORMATION, CONTACT LAKES PRECISION, INC.

- TC Coating Available -

ITEM NUMBER	OEM #	MATERIAL	DESCRIPTION
123082-1	LB-0683	TOOL STEEL	MOVABLE CUT-OFF
123082-2	LB-0667	CARBIDE	MOVABLE CUT-OFF



123082
SHORT BLADE

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IDEAL / ARTOS 45-725 MACHINE SERIES

CUT-OFF BLADE SET



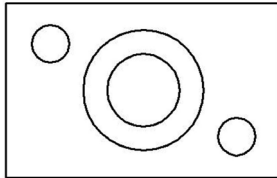
CUT-OFF BLADE SET

123018 & 123019 = BLADE SET

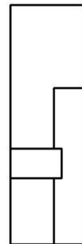
- FOR MORE INFORMATION ON THESE BLADES, PLEASE CONTACT

LAKES PRECISION, INC -

- *TC Coating Available* -



123019



123018

ITEM NUMBER	OEM #	MATERIAL	DESCRIPTION
123018-1	LB-1609	TOOL STEEL	MOVABLE BLADE
123018-2	-----	TUNGSTEN CARBIDE	MOVABLE BLADE
123019-1	K-7265	TOOL STEEL	STATIONARY BLADE
123019-2	-----	TUNGSTEN CARBIDE	STATIONARY BLADE

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IDEAL / ARTOS 45-774 MACHINE SERIES

COLLINEAR ANGLE CUT-OFF BLADES CLASS: CL-A

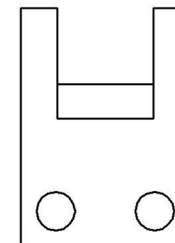
COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
122462	CL-A CUT-OFF



122462

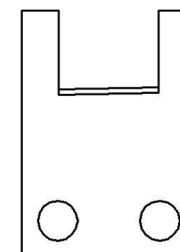
COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
123255	CL-A CUT-OFF



123255

IDEAL / ARTOS 45-774 MACHINE SERIES

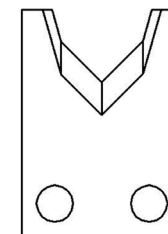
UNIVERSAL CUT / STRIP BLADES CLASS: UN-V / UNI-V

UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

ITEM NUMBER	OEM #	DESCRIPTION
122282-1	LB-1253	NON-COATED UN-V
122282-2	LB-1725	TIN COATED UN-V
122282-4	-----	CARBIDE
122282-5	-----	TITANIUM CARBONITRIDE



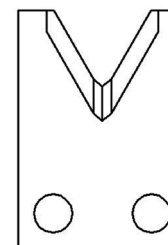
122282

UNI-V UNIVERSAL STRIP BLADE

The sharp edge is ground to an arc that has a small radius.

The entry angle lines meet the arc at a tangent point. Unique to this from is an auxiliary angle that intersects the entry angle. This results in greater insulation penetration and a better strip. This patented blade type allows wire sizes from 26 awg to 10 awg to be processed using a single set of blades.

ITEM NUMBER	DESCRIPTION
122283-1	NON-COATED UNI-V 30 DEGREE
122283-2	TIN COATED UNI-V 30 DEGREE
122283-3	NON-COATED UNI-V 20 DEGREE
122283-4	TIN COATIN UNI-V 20 DEGREE



122283

IDEAL / ARTOS 45-774 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V

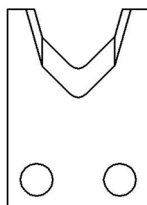
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



123022-XX

AWG SIZE	ITEM NUMBER	DESCRIPTION
8	123022-1	IDEAL / ARTOS TA-V
10	123022-2	IDEAL / ARTOS TA-V
12	123022-3	IDEAL / ARTOS TA-V
14	123022-4	IDEAL / ARTOS TA-V
16	123022-5	IDEAL / ARTOS TA-V
18	123022-6	IDEAL / ARTOS TA-V
20	123022-7	IDEAL / ARTOS TA-V
22	123022-8	IDEAL / ARTOS TA-V
24 / 26 / 28	123022-9	IDEAL / ARTOS TA-V

IDEAL / ARTOS 45-774 MACHINE SERIES

TRU-RADIUS STRIP BLADES CLASS: TR-V

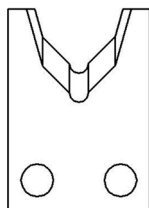
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122324

DIA SIZE	ITEM NUMBER	DESCRIPTION
0.4	122324-26	IDEAL / ARTOS TR-V
0.5	122324-7	IDEAL / ARTOS TR-V
0.6	122324-3	IDEAL / ARTOS TR-V
0.7	122324-25	IDEAL / ARTOS TR-V
0.9	122324-12	IDEAL / ARTOS TR-V
1.0	122324-9	IDEAL / ARTOS TR-V
1.1	122324-21	IDEAL / ARTOS TR-V
1.2	122324-8	IDEAL / ARTOS TR-V
1.3	122324-11	IDEAL / ARTOS TR-V
1.4	122324-22	IDEAL / ARTOS TR-V
1.5	122324-14	IDEAL / ARTOS TR-V
1.6	122324-1	IDEAL / ARTOS TR-V
1.7	122324-5	IDEAL / ARTOS TR-V
1.8	122324-29	IDEAL / ARTOS TR-V
1.9	122324-2	IDEAL / ARTOS TR-V
2.0	122324-15	IDEAL / ARTOS TR-V
2.2	122324-23	IDEAL / ARTOS TR-V
2.3	122324-32	IDEAL / ARTOS TR-V

DIA SIZE	ITEM NUMBER	DESCRIPTION
2.4	122324-6	IDEAL / ARTOS TR-V
2.5	122324-16	IDEAL / ARTOS TR-V
2.6	122324-4	IDEAL / ARTOS TR-V
2.8	122324-27	IDEAL / ARTOS TR-V
3.0	122324-17	IDEAL / ARTOS TR-V
3.1	122324-28	IDEAL / ARTOS TR-V
3.2	122324-13	IDEAL / ARTOS TR-V
3.3	122324-30	IDEAL / ARTOS TR-V
3.5	122324-18	IDEAL / ARTOS TR-V
3.7	122324-34	IDEAL / ARTOS TR-V
4.0	122324-19	IDEAL / ARTOS TR-V
4.4	122324-10	IDEAL / ARTOS TR-V
4.6	122324-33	IDEAL / ARTOS TR-V
4.5	122324-20	IDEAL / ARTOS TR-V
5.0	122324-24	IDEAL / ARTOS TR-V
5.2	122324-31	IDEAL / ARTOS TR-V
5.5	122324-35	IDEAL / ARTOS TR-V

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IDEAL / ARTOS 45-940 MACHINE SERIES

TANGENT ANGLE “V” STRIP BLADES CLASS: TA-V

TANGENT ANGLE “V” STRIP BLADES

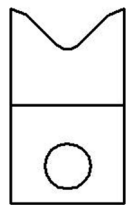
The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- FOR MORE INFORMATION ABOUT THESE BLADES, CONTACT LAKES PRECISION, INC.

- *TC Coating Available* -



LA-XXXX

ITEM NUMBER	DIA INCH SIZE	OEM #	DESCRIPTION
LA-3838	.012	LA-3846	TA-V STRIP
LA-3839	.075	LA-3847	TA-V STRIP
LA-3840	.095	LA-3848	TA-V STRIP
LA-3841	.115	LA-3849	TA-V STRIP
LA-3842	.135	LA-3850	TA-V STRIP

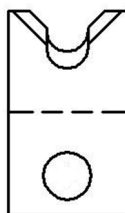
TRU-RADIUS “V” STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123411-XX

ITEM NUMBER	DIA INCH SIZE	DESCRIPTION
123411-016	.016	TR-V STRIP
123411-020	.020	TR-V STRIP
123411-024	.024	TR-V STRIP
123411-028	.028	TR-V STRIP
123411-035	.035	TR-V STRIP
123411-039	.039	TR-V STRIP
123411-043	.043	TR-V STRIP
123411-052	.052	TR-V STRIP
123411-060	.060	TR-V STRIP
123411-072	.072	TR-V STRIP
123411-079	.079	TR-V STRIP
123411-090	.090	TR-V STRIP
123411-116	.116	TR-V STRIP
123411-130	.130	TR-V STRIP



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KIRSTEN MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR THE FOLLOWING MACHINE SERIES:

□ PP3

□ K700 ASC

□ K1000

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KIRSTEN PP3 MACHINE SERIES

UNIVERSAL CUT / STRIP BLADES CLASS: UN-V



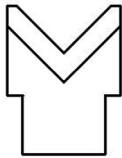
UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

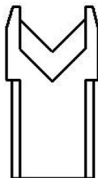
Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

5-122420 CONSISTS OF 122420-1 & 122420-2

- TC Coating Available -



122420-1
UPPER BLADE



122420-2
LOWER BLADE

ITEM NUMBER	OEM #	DESCRIPTION
122420-1	3.0048	UPPER BLADE
122420-2	3.0049	LOWER BLADE
5-122420	-----	BLADE SET

KIRSTEN K700 ASC MACHINE SERIES

UNIVERSAL STRIP BLADES CLASS: UN-V

UNIVERSAL STRIP BLADES

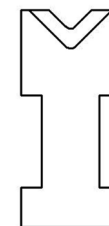
The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

122698-XX & 122699-XX EQUALS A PAIR

- TC Coating Available -

ITEM NUMBER	DIA MM SIZE	OEM #	DESCRIPTIPN
122698-1	.25	-----	UN-V STRIP BLADE
122698-2	1.0	431.001.156	UN-V STRIP BLADE



122698

UNIVERSAL STRIP BLADES

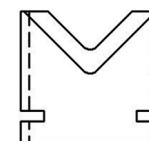
The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

122698-XX & 122699-XX EQUALS A PAIR

- TC Coating Available -

ITEM NUMBER	DIAMM SIZE	OEM #	DESCRIPTIPN
122699-1	.25	-----	UN-V STRIP BLADE
122699-2	1.0	431.001.155	UN-V STRIP BLADE



122699

KIRSTEN K1000 MACHINE SERIES

UNIVERSAL STRIP BLADES CLASS: UN-V

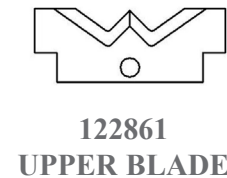
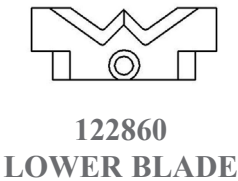


UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



ITEM NUMBER	DESCRIPTION	CLASS
122860	LOWER BLADE	UN-V
122861	UPPER BLADE	UN-V



LAKES PRECISION^{INC.}

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KM DIGITECH MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR THE FOLLOWING MACHINE SERIES:

□ 104N

□ 702N

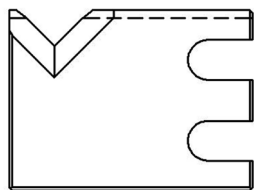
□ 703N

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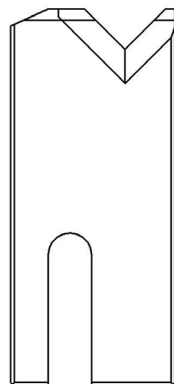
KM DIGITECH 104N MACHINE SERIES

UNIVERSAL CUT / STRIP BLADES



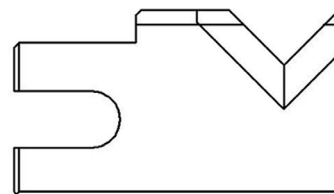
123973

LOWER CUT BLADE



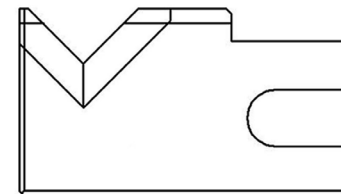
123974

UPPER CUT BLADE



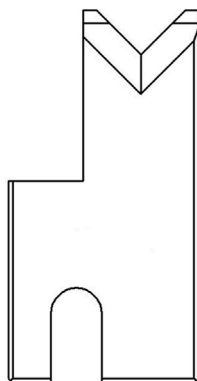
123975

LOWER FRONT STRIP BLADE



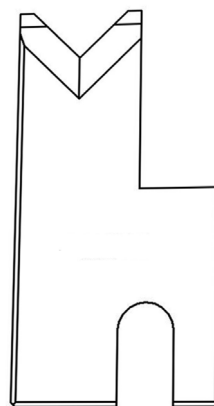
123976

LOWER REAR STRIP BLADE



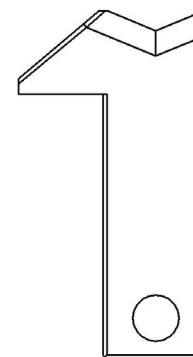
123977

UPPER FRONT STRIP BLADE



123978

UPPER REAR STRIP BLADE



123979

CUT BLADE

TRU-RADIUS CUT / STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123165

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
0.7	123165-0.7	TR-V CUT / STRIP
0.8	123165-0.8	TR-V CUT / STRIP
0.9	123165-0.9	TR-V CUT / STRIP
1.0	123165-1.0	TR-V CUT / STRIP
1.1	123165-1.1	TR-V CUT / STRIP
1.2	123165-1.2	TR-V CUT / STRIP
1.3	123165-1.3	TR-V CUT / STRIP
1.4	123165-1.4	TR-V CUT / STRIP
1.5	123165-1.5	TR-V CUT / STRIP
1.6	123165-1.6	TR-V CUT / STRIP
1.7	123165-1.7	TR-V CUT / STRIP
1.8	123165-1.8	TR-V CUT / STRIP
1.9	123165-1.9	TR-V CUT / STRIP

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
2.0	123165-2.0	TR-V CUT / STRIP
2.1	123165-2.1	TR-V CUT / STRIP
2.2	123165-2.2	TR-V CUT / STRIP
2.3	123165-2.3	TR-V CUT / STRIP
2.4	123165-2.4	TR-V CUT / STRIP
2.5	123165-2.5	TR-V / CUT STRIP
2.6	123165-2.6	TR-V CUT / STRIP
2.7	123165-2.7	TR-V CUT / STRIP
2.8	123165-2.8	TR-V CUT / STRIP
2.9	123165-2.9	TR-V CUT / STRIP
3.0	123165-3.0	TR-V CUT / STRIP
3.1	123165-3.1	TR-V CUT / STRIP
3.2	123165-3.2	TR-V CUT / STRIP
3.3	123165-3.3	TR-V CUT / STRIP

UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



123164

ITEM NUMBER	DESCRIPTION
123164	UN-V CUT / STRIP

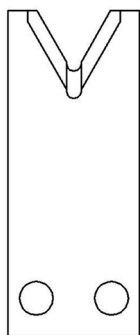
TRU-RADIUS CUT / STRIP BLADES

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122998-XX

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
0.8	122998-034S	SHORT BLADE
0.8	122998-034L	LONG BLADE
1.0	122998-039S	SHORT BLADE
1.0	122998-039L	LONG BLADE
1.1	122998-042S	SHORT BLADE
1.1	122998-042L	LONG BLADE
1.2	122998-047S	SHORT BLADE
1.2	122998-047L	LONG BLADE
1.4	122998-055S	SHORT BLADE
1.4	122998-055L	LONG BLADE
1.8	122998-067S	SHORT BLADE
1.8	122998-067L	LONG BLADE
2.0	122998-078S	SHORT BLADE
2.0	122998-078L	LONG BLADE
2.2	122998-090S	SHORT BLADE
2.2	122998-090L	LONG BLADE
2.6	122998-102S	SHORT BLADE

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
2.6	122998-102L	LONG BLADE
2.8	122998-112S	SHORT BLADE
2.8	122998-112L	LONG BLADE
3.2	122998-125S	SHORT BLADE
3.2	122998-125L	LONG BLADE
3.6	122998-140S	SHORT BLADE
3.6	122998-140L	LONG BLADE
3.8	122998-152S	SHORT BLADE
3.8	122998-152L	LONG BLADE
4.0	122998-160S	SHORT BLADE
4.0	122998-160L	LONG BLADE
4.4	122998-175S	SHORT BLADE
4.4	122998-175L	LONG BLADE
4.8	122998-190S	SHORT BLADE
4.8	122998-190L	LONG BLADE
5.0	122998-200S	SHORT BLADE
5.0	122998-200L	LONG BLADE

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
5.6	122998-220S	SHORT BLADE
5.6	122998-220L	LONG BLADE
6.0	122998-240S	SHORT BLADE
6.0	122998-240L	LONG BLADE
6.6	122998-260S	SHORT BLADE
6.6	122998-260L	LONG BLADE
7.2	122998-280S	SHORT BLADE
7.2	122998-280L	LONG BLADE
7.6	122998-300S	SHORT BLADE
7.6	122998-300L	LONG BLADE
8.2	122998-320S	SHORT BLADE
8.2	122998-320L	LONG BLADE
8.6	122998-340S	SHORT BLADE
8.6	122998-340L	LONG BLADE
9.2	122998-360S	SHORT BLADE
9.2	122998-360L	LONG BLADE
9.6	122998-380S	SHORT BLADE
9.6	122998-380L	LONG BLADE

KM DIGITECH 703N MACHINE SERIES

TRU-RADIUS “V” STRIP BLADES CLASS: TR-V



TRU-RADIUS “V” STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123346-X

DIA MM SIZE	ITEM NUMBER	MARK	DESCRIPTION
3.8	123346-150 S	-----	30 DEGREE SHORT TR-V
3.8	123346-150 L	-----	30 DEGREE LONG TR-V

KM DIGITECH 703N MACHINE SERIES

UNIVERSAL CUT / STRIP BLADES CLASS: UN-V



UNIVERSAL CUT / STRIP BLADES

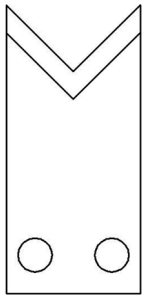
The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

BLADE SET

5-122997 CONSISTS OF: (1) 122997-1 & (1) 122997-2

- TC Coating Available -



5-122997

ITEM NUMBER	MARK	DESCRIPTION
122997-1	-----	SHORT BLADE
122997-2	-----	LONG BLADE
5-122997	-----	UN-V CUT / STRIP



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KODERA MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR THE FOLLOWING MACHINE SERIES:

☐ C-300	☐ C-353 / C-373 / C-375	☐ C-377
☐ C-350	☐ C-355	☐ C-511 HX
☐ C-351 / C-371	☐ C-355 / C-375	☐ C-391
☐ C-353	☐ Komax / Koderia Interchangeable Chart	

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Some Komax and Koderia machines can use the same blades. This is a reference list that shows which machines are compatible. If you have additional questions, please contact Lakes Precision, Inc.

Example: The Komax 33 & Koderia C-300 machines can use the same blades.

KOMAX MACHINES	KODERA MACHINES
KX 33	C-300
KX 34 KAPPA 210 KAPPA 220 KAPPA 225	C-351 C-371
KX 35	C-350 C-370 C-450 C-451 C-550 C-551
KX 36	C-352 C-353 C-355 C-373 C-375

KODERA C-300 MACHINE SERIES

UNIVERSAL CUT / STRIP BLADES CLASS: UN-V



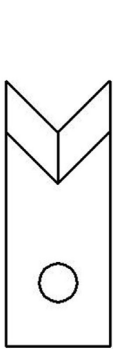
UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

ONE 122603-1 & ONE 122603-2 EQUALS A BLADE PAIR (5-122603)

- TC Coating Available -



122603-1
UPPER BLADE



122603-2
LOWER BLADE

ITEM NUMBER	MARK	DESCRIPTION
122603-1	-----	UPPER CUT / STRIP
122603-2	-----	LOWER CUT / STRIP
5-122603	03-003-B0	BLADE SET

KODERA C-300 MACHINE SERIES

TANGENT RADIUS “V” CUT / STRIP BLADES CLASS: TA-V

TANGENT RADIUS “V” CUT / STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



123391-XX

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
0.5	123391-0.5S	SHORT BLADE
0.5	123391-0.5L	LONG BLADE
1.0	123391-1.0S	SHORT BLADE
1.0	123391-1.0L	LONG BLADE
1.5	123391-1.5S	SHORT BLADE
1.5	123391-1.5L	LONG BLADE

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
2.0	123391-2.0S	SHORT BLADE
2.0	123391-2.0L	LONG BLADE
2.5	123391-2.5S	SHORT BLADE
2.5	123391-2.5L	LONG BLADE
3.0	123391-2.5S	SHORT BLADE
3.0	123391-2.5L	LONG BLADE

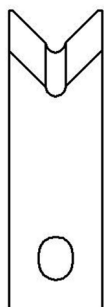
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122607

ITEM NUMBER	MARK	DESCRIPTION
122607-23	0.4	TR-V STRIP
122607-24	0.5	TR-V STRIP
122607-25	0.6	TR-V STRIP
122607-1	0.7	TR-V STRIP
122607-2	0.8	TR-V STRIP
122607-3	0.9	TR-V STRIP
122607-4	1.0	TR-V STRIP
122607-5	1.1	TR-V STRIP
122607-6	1.2	TR-V STRIP
122607-7	1.3	TR-V STRIP
122607-8	1.4	TR-V STRIP
122607-9	1.5	TR-V STRIP
122607-10	1.6	TR-V STRIP
122607-11	1.7	TR-V STRIP

ITEM NUMBER	MARK	DESCRIPTION
122607-12	1.8	TR-V STRIP
122607-13	1.9	TR-V STRIP
122607-14	2.0	TR-V STRIP
122607-15	2.1	TR-V STRIP
122607-16	2.2	TR-V STRIP
122607-17	2.3	TR-V STRIP
122607-18	2.4	TR-V STRIP
122607-19	2.5	TR-V STRIP
122607-26	2.55	TR-V STRIP
122607-20	2.6	TR-V STRIP
122607-21	2.7	TR-V STRIP
122607-22	2.8	TR-V STRIP
122607-29	2.9	TR-V STRIP
122607-28	3.2	TR-V STRIP
122607-27	3.6	TR-V STRIP

KODERA C-350 MACHINE SERIES

UNIVERSAL CUT / STRIP BLADES CLASS: UN-V



UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



122605

ITEM NUMBER	MARK	DESCRIPTION
122605	07-312-B0	UN-V CUT / STRIP

KODERA C-351 / C-371 MACHINE SERIES

UNIVERSAL CUT / STRIP BLADES CLASS: UN-V

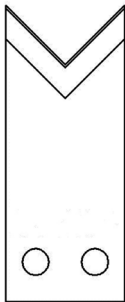


UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



122604

ITEM NUMBER	MARK	DESCRIPTION
122604	07-015-C0	UN-V CUT / STRIP

KODERA C-353 MACHINE SERIES

SPECIAL APPLICATION BLADES



SPECIAL APPLICATION BLADES

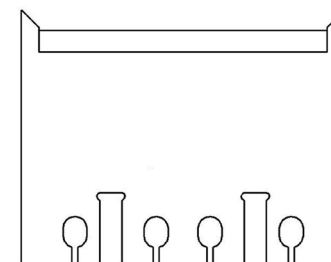
Lakes Precision, Inc. also provides blades for special applications.

An example is shown here.

For blades to meet your specific application, please contact Lakes Precision, Inc.

- TC Coating Available / Wire Samples Required -

ITEM NUMBER	MARK	DESCRIPTION
123252-1	-----	CL-A RIBBON STRIP BLADE



123252

SPECIAL APPLICATION BLADES

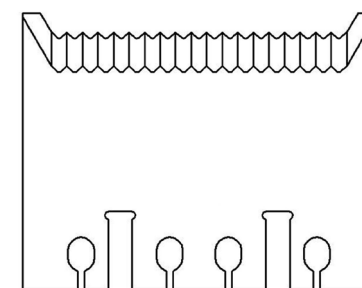
Lakes Precision, Inc. also provides blades for special applications.

An example is shown here.

For blades to meet your specific application, please contact Lakes Precision, Inc.

- TC Coating Available / Wire Samples Required -

ITEM NUMBER	MARK	DESCRIPTION
123253-3	1.0	TA-V / UNI-V STRIP
123253-4	1.27	TA-V / UNI-V STRIP
123253-6	1.30	TA-V / UNI-V STRIP
123253-1	2.0	TA-V / UNI-V STRIP
123253-2	2.5	TA-V / UNI-V STRIP
123253-5	2.54	TA-V / UNI-V STRIP



123253

KODERA C-353 / C-373 / C-375 MACHINE SERIES

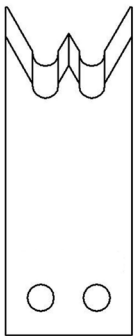
2 CONDUCTOR TRU-RADIUS CUT / STRIP BLADES CLASS: TR-V



TRU-RADIUS CUT / STRIP BLADES

- FOR MORE INFORMATION ON THESE BLADES, PLEASE CONTACT LAKES PRECISION, INC.

- TC Coating Available -



123308-XX

DIA MM SIZE	ITEM NUMBER	MARK	DESCRIPTION
3.4	123308-1	-----	2V-135-245S TR-V
3.4	123308-2	-----	2V-135-245L TR-V

KODERA C-355 MACHINE SERIES

UNIVERSAL CUT / STRIP BLADES CLASS: UN-V



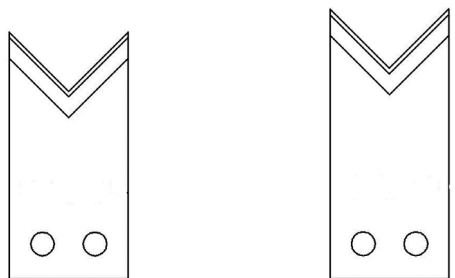
UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

ONE 122606-1 & ONE 122606-2 EQUALS A BLADE PAIR (5-122606)

- TC Coating Available -



122606-1
UPPER BLADE

122606-2
LOWER BLADE

5-122606
BLADE SET

ITEM NUMBER	MARK	DESCRIPTION
122606-1	-----	UPPER CUT / STRIP
122606-2	-----	LOWER CUT / STRIP
5-122606	-----	BLADE SET

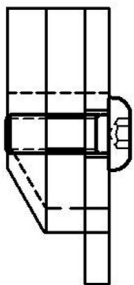
KODERA C-355 / C-375 MACHINE SERIES

COLLINEAR BUTT-STYLE STRIP BLADES CLASS: CL-R

ITEM NUMBER	DESCRIPTION
5-123281-XX	STRIP BLADE ASSY WITH GUIDE AND STOP

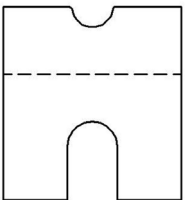
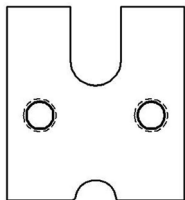
STRIP BLADE ASSEMBLY WITH GUIDE AND STOP CONSISTS OF:

1 PC.	123277-XX UPPER STOP	1 PC.	123279-XX GUIDE
1 PC.	123278-XX LOWER STOP	1 PAIR	123280-XX STRIP

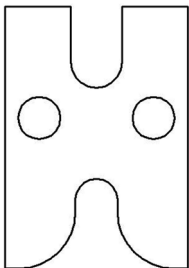


5-123281-XX

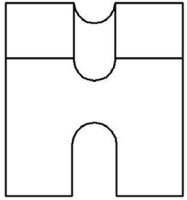
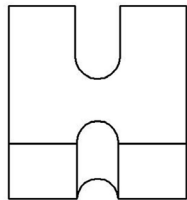
123277-XX
UPPER STOP



123278-XX
LOWER STOP



123279-XX
GUIDE



123280-XX
LOWER STOP 1 PAIR

FOR MORE INFORMATION ON THESE BLADES OR SPECIFIC SIZES,
PLEASE CONTACT LAKES PRECISION, INC.

KODERA C-377 MACHINE SERIES

TRU-RADIUS “V” STRIP BLADES CLASS: TR-V

TRU-RADIUS “V” STRIP BLADE

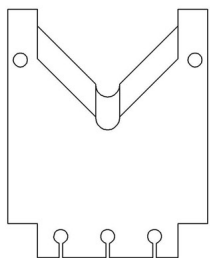
The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

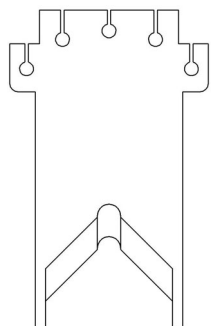
Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

ONE 122933-XX & ONE 122934-XX EQUALS A BLADE SET (5-122935)

- TC Coating Available -



**122933-XX
UPPER BLADE**



**122934-XX
LOWER BLADE**

DIAMM SIZE	ITEM NUMBER	DESCRIPTION
1.98	122933-078	UPPER BLADE
1.98	122934-078	LOWER BLADE
3.18	122933-125	UPPER BLADE
3.18	122934-125	LOWER BLADE
3.30	122933-130	UPPER BLADE
3.30	122934-130	LOWER BLADE
3.80	122933-150	UPPER BLADE
3.80	122934-150	LOWER BLADE
4.06	122933-160	UPPER BLADE
4.06	122934-160	LOWER BLADE
4.32	122933-170	UPPER BLADE
4.32	122934-170	LOWER BLADE

DIAMM SIZE	ITEM NUMBER	DESCRIPTION
4.83	122933-190	UPPER BLADE
4.83	122934-190	LOWER BLADE
5.28	122933-208	UPPER BLADE
5.28	122934-208	LOWER BLADE
5.33	122933-210	UPPER BLADE
5.33	122934-210	LOWER BLADE
5.59	122933-220	UPPER BLADE
5.59	122934-220	LOWER BLADE
5.99	122933-236	UPPER BLADE
5.99	122934-236	LOWER BLADE
6.22	122933-245	UPPER BLADE
6.22	122934-245	LOWER BLADE
6.60	122933-260	UPPER BLADE
6.60	122934-260	LOWER BLADE

DIAMM SIZE	ITEM NUMBER	DESCRIPTION
6.86	122933-270	UPPER BLADE
6.86	122934-270	LOWER BLADE
7.19	122933-283	UPPER BLADE
7.19	122934-283	LOWER BLADE
7.37	122933-290	UPPER BLADE
7.37	122934-290	LOWER BLADE
7.49	122933-295	UPPER BLADE
7.49	122934-295	LOWER BLADE
7.62	122933-300	UPPER BLADE
7.62	122934-300	LOWER BLADE
8.13	122933-320	UPPER BLADE
8.13	122934-320	LOWER BLADE
8.64	122933-340	UPPER BLADE
8.64	122934-340	LOWER BLADE

**5-122935
BLADE SET**

KODERA C-377 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V

TANGENT RADIUS “V” STRIP BLADES

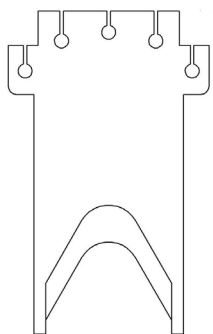
The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

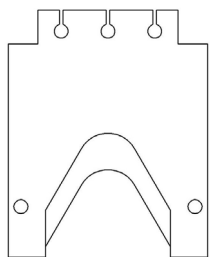
Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

One 122988-XX & One 122989-XX = Blade Set (5-122992-XX)

- TC Coating Available -



**122988-XX
LOWER BLADE**



**122989-XX
UPPER BLADE**

ITEM NUMBER	DIA MM SIZE	DESCRIPTION
122988-66	2.0	LOWER BLADE
122989-66	2.0	UPPER BLADE
122988-67	2.1	LOWER BLADE
122989-67	2.1	UPPER BLADE
122988-13	2.2	LOWER BLADE
122989-13	2.2	UPPER BLADE
122988-68	2.3	LOWER BLADE
122989-68	2.3	UPPER BLADE
122988-69	2.4	LOWER BLADE
122989-69	2.4	UPPER BLADE
122988-70	2.5	LOWER BLADE
122989-70	2.5	UPPER BLADE

ITEM NUMBER	DIA MM SIZE	DESCRIPTION
122988-14	2.6	LOWER BLADE
122989-14	2.6	UPPER BLADE
122988-71	2.7	LOWER BLADE
122989-71	2.7	UPPER BLADE
122988-72	2.8	LOWER BLADE
122989-72	2.8	UPPER BLADE
122988-73	2.9	LOWER BLADE
122989-73	2.9	UPPER BLADE
122988-15	3.0	LOWER BLADE
122989-15	3.0	UPPER BLADE
122988-27	3.1	LOWER BLADE
122989-27	3.1	UPPER BLADE

ITEM NUMBER	DIA MM SIZE	DESCRIPTION
122988-24	3.2	LOWER BLADE
122989-24	3.2	UPPER BLADE
122988-25	3.3	LOWER BLADE
122989-25	3.3	UPPER BLADE
122988-28	3.4	LOWER BLADE
122989-28	3.4	UPPER BLADE
122988-8	3.5	LOWER BLADE
122989-8	3.5	UPPER BLADE
122988-29	3.6	LOWER BLADE
122989-29	3.6	UPPER BLADE
122988-4	3.7	LOWER BLADE
122989-4	3.7	UPPER BLADE

5-122992 BLADE SET

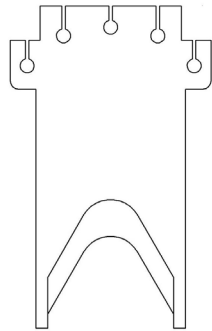
KODERA C-377 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V

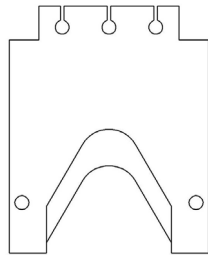
- ADDITIONAL PART NUMBER'S ON SUCCEEDING PAGES -

KODERA C-377 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V ADDITIONAL PART NUMBER’S



**122988-XX
LOWER BLADE**



**122989-XX
UPPER BLADE**

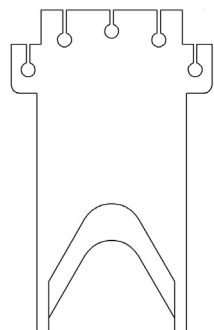
**5-122992
BLADE SET**

ITEM NUMBER	DIA MM SIZE	DESCRIPTION
122988-16	3.8	LOWER BLADE
122989-16	3.8	UPPER BLADE
122988-30	3.9	LOWER BLADE
122989-30	3.9	UPPER BLADE
122988-9	4.0	LOWER BLADE
122989-9	4.0	UPPER BLADE
122988-26	4.1	LOWER BLADE
122989-26	4.1	UPPER BLADE
122988-31	4.2	LOWER BLADE
122989-31	4.2	UPPER BLADE
122988-32	4.3	LOWER BLADE
122989-32	4.3	UPPER BLADE
122988-33	4.4	LOWER BLADE
122989-33	4.4	UPPER BLADE
122988-34	4.5	LOWER BLADE
122989-34	4.5	UPPER BLADE
122988-17	4.6	LOWER BLADE
122989-17	4.6	UPPER BLADE
122988-10	4.7	LOWER BLADE
122989-10	4.7	UPPER BLADE
122988-35	4.8	LOWER BLADE
122989-35	4.8	UPPER BLADE
122988-36	4.9	LOWER BLADE

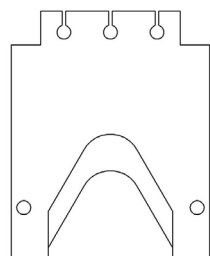
ITEM NUMBER	DIA MM SIZE	DESCRIPTION
122989-36	4.9	UPPER BLADE
122988-18	5.0	LOWER BLADE
122989-18	5.0	UPPER BLADE
122988-37	5.1	LOWER BLADE
122989-37	5.1	UPPER BLADE
122988-38	5.2	LOWER BLADE
122989-38	5.2	UPPER BLADE
122988-39	5.3	LOWER BLADE
122989-39	5.3	UPPER BLADE
122988-40	5.4	LOWER BLADE
122989-40	5.4	UPPER BLADE
122988-21	5.5	LOWER BLADE
122989-21	5.5	UPPER BLADE
122988-41	5.6	LOWER BLADE
122989-41	5.6	UPPER BLADE
122988-11	5.7	LOWER BLADE
122989-11	5.7	UPPER BLADE
122988-42	5.8	LOWER BLADE
122989-42	5.8	UPPER BLADE
122988-19	5.9	LOWER BLADE
122989-19	5.9	UPPER BLADE
122988-22	6.0	LOWER BLADE
122989-22	6.0	UPPER BLADE

KODERA C-377 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V ADDITIONAL PART NUMBER’S



**122988-XX
LOWER BLADE**



**122989-XX
UPPER BLADE**

**5-122992
BLADE SET**

ITEM NUMBER	DIA MM SIZE	DESCRIPTION
122988-6	6.1	LOWER BLADE
122989-6	6.1	UPPER BLADE
122988-43	6.2	LOWER BLADE
122989-43	6.2	UPPER BLADE
122988-44	6.3	LOWER BLADE
122989-44	6.3	UPPER BLADE
122988-45	6.4	LOWER BLADE
122989-45	6.4	UPPER BLADE
122988-46	6.5	LOWER BLADE
122989-46	6.5	UPPER BLADE
122988-47	6.6	LOWER BLADE
122989-47	6.6	UPPER BLADE
122988-48	6.7	LOWER BLADE
122989-48	6.7	UPPER BLADE
122988-49	6.8	LOWER BLADE
122989-49	6.8	UPPER BLADE
122988-7	6.9	LOWER BLADE
122989-7	6.9	UPPER BLADE
122988-50	7.0	LOWER BLADE
122989-50	7.0	UPPER BLADE
122988-51	7.1	LOWER BLADE
122989-51	7.1	UPPER BLADE

ITEM NUMBER	DIA MM SIZE	DESCRIPTION
122988-20	7.2	LOWER BLADE
122989-20	7.2	UPPER BLADE
122988-52	7.3	LOWER BLADE
122989-52	7.3	UPPER BLADE
122988-53	7.4	LOWER BLADE
122989-53	7.4	UPPER BLADE
122988-54	7.5	LOWER BLADE
122989-54	7.5	UPPER BLADE
122988-55	7.6	LOWER BLADE
122989-55	7.6	UPPER BLADE
122988-5	7.7	LOWER BLADE
122989-5	7.7	UPPER BLADE
122988-56	7.8	LOWER BLADE
122989-56	7.8	UPPER BLADE
122988-12	7.9	LOWER BLADE
122989-12	7.9	UPPER BLADE
122988-57	8.0	LOWER BLADE
122989-57	8.0	UPPER BLADE
122988-58	8.1	LOWER BLADE
122989-58	8.1	UPPER BLADE
122988-59	8.2	LOWER BLADE
122989-59	8.2	UPPER BLADE

ITEM NUMBER	DIA MM SIZE	DESCRIPTION
122988-60	8.3	LOWER BLADE
122989-60	8.3	UPPER BLADE
122988-61	8.4	LOWER BLADE
122989-61	8.4	UPPER BLADE
122988-62	8.5	LOWER BLADE
122989-62	8.5	UPPER BLADE
122988-63	8.6	LOWER BLADE
122989-63	8.6	UPPER BLADE
122988-64	8.7	LOWER BLADE
122989-64	8.7	UPPER BLADE
122988-65	8.8	LOWER BLADE
122989-65	8.8	UPPER BLADE
122988-23	9.0	LOWER BLADE
122989-23	9.0	UPPER BLADE
122988-74	10.0	LOWER BLADE
122989-74	10.0	UPPER BLADE
122988-1	10.2	LOWER BLADE
122989-1	10.2	UPPER BLADE
122988-2	13.0	LOWER BLADE
122989-2	13.0	UPPER BLADE
122988-3	14.5	LOWER BLADE
122989-3	14.5	UPPER BLADE

KODERA C-377 MACHINE SERIES

UNIVERSAL CUT / STRIP BLADES CLASS: UN-V



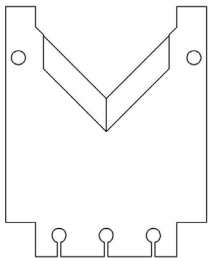
UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

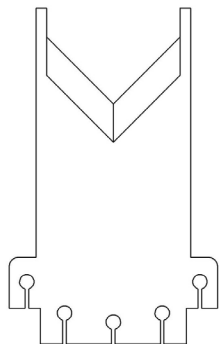
Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

5-122929 CONSISTS OF 122927 & 122928

- TC Coating Available -



122927
UPPER BLADE



122928
LOWER BLADE

ITEM NUMBER	MARK	DESCRIPTION
122927	-----	UPPER BLADE
122928	-----	LOWER BLADE
5-122929	-----	BLADE SET

5-122929 BLADE SET

KODERA C-391 MACHINE SERIES

UNIVERSAL CUT / STRIP BLADES CLASS: UN-V



UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

5-122929 CONSISTS OF 122927 & 122928

- TC Coating Available -



124548

OEM# S713

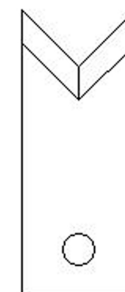
UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

5-122929 CONSISTS OF 122927 & 122928

- TC Coating Available -



124549

OEM# S714

KODERA C-511 HX MACHINE SERIES

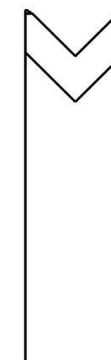
UNIVERSAL STRIP BLADES CLASS: UN-V

UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

ITEM NUMBER	OEM #	DESCRIPTION
123871	-----	UN-V STRIP BLADE



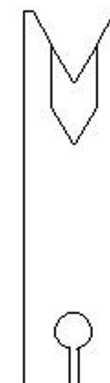
123871

UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

ITEM NUMBER	OEM #	DESCRIPTION
124552	S712A	UN-V STRIP BLADE



124552

KODERA C-511 HX MACHINE SERIES

CUT-OFF BLADES CLASS: UN-V

UNIVERSAL CUT-OFF BLADE

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less distortion of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
124553-XX	S710A	UN-V CUT-OFF BLADE



124553

UNIVERSAL CUT-OFF BLADE

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less distortion of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
123863	-----	UN-V CUT-OFF BLADE



123863-1



123863-2

5-123863



LAKES PRECISION^{INC.}

Your Global Source for Wire Processing Perishable Tooling

KOMAX MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR THE FOLLOWING MACHINE SERIES:

□ 30 / 31	□ 210 / 220 / 230	□ ALPHA 477 & 488
□ 33 / 34 / 35 / 36	□ KAPPA 230 / 235 / 240 / 310 / 350	□ ZETA 633 / 655
□ 40'S	□ GAMMA 255	□ BT 700 / BT 721
□ 40 / 42 / 43	□ GAMMA 311 / 333	□ MG 711
□ 62	□ ALPHA 411 / 421 / 422 / 432	□ ARA
□ 135	□ ALPHA 433-S & 433-H	

Your Global Source for Wire Processing Perishable Tooling

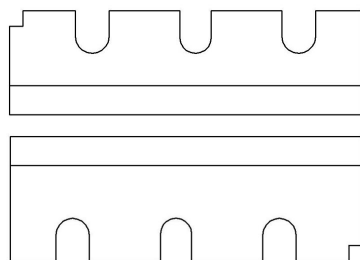
www.lakesprecision.com

KOMAX 30 / 31 MACHINE SERIES

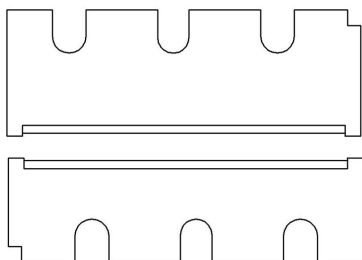
STANDARD / STRAIGHT EDGE / UNIVERSAL CUT / STRIP BLADES

ITEM NUMBER	OEM #	MODEL	DESCRIPTION	CLASS
5-122339	10386	KX30	CUT / STRIP BLADE SET BY-M	CL-A
5-122329	16532	KX30	CUT / STRIP BLADE SET BY-M	CL-A
122254-1	-----	KX31	CUT / STRIP TOP	CL-A
122254-2	-----	KX31	CUT / STRIP BOTTOM	CL-A
5-122254	-----	KX31	CUT / STRIP SET	CL-A
5-122397-XX	-----	KX30/31	CUT / STRIP RIBBON	CL-A
5-122540-XX	-----	KX31	CUT / STRIP .024 RIBBON BY-M	CL-A

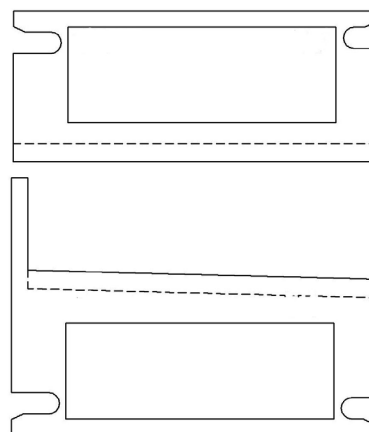
- SEND RIBBON CABLES TO LAKES PRECISION FOR BLADE SIZING -



5-122329
KOMAX 30

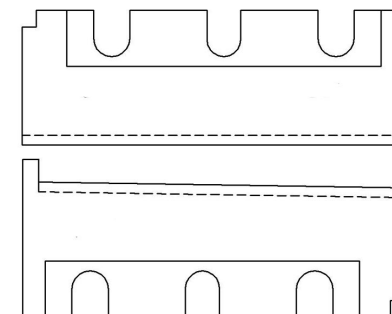


5-122540-XX
KOMAX 31
RIBBON CABLE

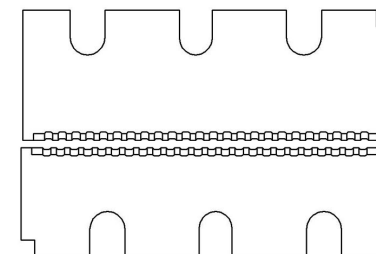


5-122254
KOMAX 31

- TC Coating Available -



5-122339
KOMAX 30



5-122397
KOMAX 30/31
RIBBON CABLE

• THREE LAKES, WI (715) 546-3070 • **CONTACT LAKES PRECISION** • EL PASO, TX (915) 856-6606 •

• EMAIL: BLADES@LAKESPRECISION.COM •

TRU-RADIUS CUT / STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

S = SHORT BLADE & L = LONG BLADE

- TC Coating Available -



122543-XX

DIA MM SIZE	ITEM NUMBER
0.4 S	122543-47
0.4 L	122543-48
0.5 S	122543-49
0.5 L	122543-50
0.6 S	122543-51
0.6 L	122543-52
0.7 S	122543-1
0.7 L	122543-2
0.8 S	122543-3
0.8 L	122543-4
0.9 S	122543-5
0.9 L	122543-6
1.0 S	122543-7
1.0 L	122543-8
1.1 S	122543-9
1.1 L	122543-10
1.2 S	122543-11
1.2 L	122543-12

DIA MM SIZE	ITEM NUMBER
1.3 S	122543-13
1.3 L	122543-14
1.4 S	122543-15
1.4 L	122543-16
1.5 S	122543-17
1.5 L	122543-18
1.6 S	122543-19
1.6 L	122543-20
1.7 S	122543-21
1.7 L	122543-22
1.8 S	122543-23
1.8 L	122543-24
1.9 S	122543-25
1.9 L	122543-26
2.0 S	122543-27
2.0 L	122543-28
2.1 S	122543-29
2.1 L	122543-30

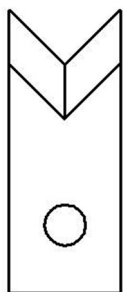
DIA MM SIZE	ITEM NUMBER
2.2 S	122543-31
2.2 L	122543-32
2.3 S	122543-33
2.3 L	122543-34
2.4 S	122543-35
2.4 L	122543-36
2.5 S	122543-37
2.5 L	122543-38
2.6 S	122543-39
2.6 L	122543-40
2.7 S	122543-41
2.7 L	122543-42
2.8 S	122543-43
2.8 L	122543-44
4.6 S	122543-53
4.6 L	122543-54
5.1 S	122543-45
5.1 L	122543-46

KOMAX 33 / 34 / 35 / 36 MACHINE SERIES

STANDARD CUT / STRIP BLADES

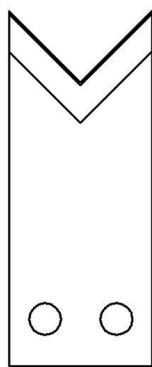
ITEM NUMBER	OEM #	MODEL	DESCRIPTION	CLASS
122436-1	110106	KX33	CUT / STRIP SHORT	UN-V
122436-2	110106	KX33	CUT / STRIP LONG	UN-V
122200	016497	KX34	CUT / STRIP BY-M	TA-V
122309-1	042496	KX34	CUT / STRIP SHORT BY-M	CL-A
122309-2	042496	KX34	CUT / STRIP LONG BY-M	CL-A
122206	18810	KX35	CUT / STRIP	UN-V
122545-1	30892	KX36	CUT / STRIP SHORT	UN-V
122545-2	30892	KX36	CUT / STRIP LONG	UN-V

- TC Coating Available -



122436-XX
KOMAX 33

OEM PAIR # 110106



122200
KOMAX 34

OEM # 016498
OEM PAIR # 016497



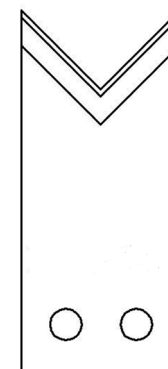
122309-XX
KOMAX 34

OEM PAIR # 042496



122206
KOMAX 35

OEM PAIR # 018810



122545-XX
KOMAX 36

OEM PAIR # 030892

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KOMAX 34 MACHINE SERIES

TRU-RADIUS CUT / STRIP BLADES CLASS: TR-V

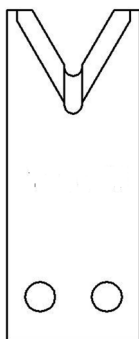
TRU-RADIUS CUT / STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122535-XX

DIA MM SIZE	ITEM NUMBER
0.4	122535-64
0.9	122535-65
1.0	122535-1
1.1	122535-2
1.2	122535-3
1.3	122535-4
1.4	122535-5
1.5	122535-6
1.6	122535-7
1.7	122535-8
1.8	122535-9
1.9	122535-10
2.0	122535-11
2.1	122535-12
2.2	122535-13
2.3	122535-14

DIA MM SIZE	ITEM NUMBER
2.4	122535-15
2.5	122535-16
2.6	122535-17
2.7	122535-18
2.8	122535-19
2.9	122535-20
3.0	122535-21
3.1	122535-22
3.2	122535-23
3.3	122535-24
3.4	122535-25
3.5	122535-26
3.6	122535-27
3.7	122535-28
3.8	122535-29
3.9	122535-30

DIA MM SIZE	ITEM NUMBER
4.0	122535-31
4.1	122535-32
4.2	122535-33
4.3	122535-34
4.4	122535-35
4.5	122535-36
4.6	122535-37
4.7	122535-38
4.8	122535-39
4.9	122535-40
5.1	122535-42
5.2	122535-43
5.3	122535-44
5.4	122535-45
5.5	122535-46
5.6	122535-47

DIA MM SIZE	ITEM NUMBER
5.7	122535-48
5.8	122535-49
5.9	122535-50
6.0	122535-51
6.1	122535-52
6.2	122535-53
6.3	122535-54
6.4	122535-55
6.5	122535-56
6.6	122535-57
6.7	122535-58
6.8	122535-59
7.0	122535-63
9.0	122535-60
10.0	122535-61
11.0	122535-62

KOMAX 34 MACHINE SERIES

TANGENT RADIUS “V” CUT / STRIP BLADES CLASS: TA-V

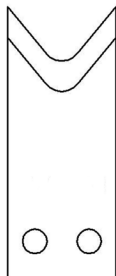
TANGENT RADIUS “V” CUT / STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire sizes with the same blade, or you could compensate for off-center wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



122253-XX

DIA MM SIZE	OEM #	ITEM NUMBER	DESCRIPTION
0.3	-----	122253-4	CUT / STRIP
0.5	-----	122253-3	CUT / STRIP
0.75	-----	122253-21	CUT / STRIP
1.0	040554	122253-8	CUT / STRIP
1.2	-----	122253-22	CUT / STRIP
1.3	-----	122253-9	CUT / STRIP
1.5	-----	122253-7	CUT / STRIP
2.0	035219	122253-6	CUT / STRIP
2.5	-----	122253-16	CUT / STRIP
3.0	035221	122253-17	CUT / STRIP
3.4	-----	122253-23	CUT / STRIP
3.5	-----	122253-11	CUT / STRIP

DIA MM SIZE	OEM #	ITEM NUMBER	DESCRIPTION
4.0	035223	122253-14	CUT / STRIP
4.3	-----	122253-24	CUT / STRIP
4.4	-----	122253-19	CUT / STRIP
4.5	-----	122253-10	CUT / STRIP
4.7	-----	122253-1	CUT / STRIP
5.0	035350	122253-2	CUT / STRIP
5.5	-----	122253-20	CUT / STRIP
6.0	042256	122253-13	CUT / STRIP
6.5	-----	122253-12	CUT / STRIP
6.7	-----	122253-18	CUT / STRIP
8.0	-----	122253-5	CUT / STRIP
8.5	-----	122253-15	CUT / STRIP

KOMAX 34 MACHINE SERIES

TANGENT RADIUS “V” CUT / STRIP BLADES CLASS: TA-V

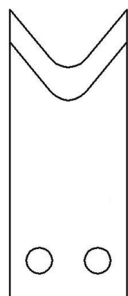
TANGENT RADIUS “V” CUT / STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire sizes with the same blade, or you could compensate for off-center wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



123266-XX

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
0.3	123266-4	45 DEGREE TA-V
0.5	123266-3	45 DEGREE TA-V
1.0	123266-8	45 DEGREE TA-V
1.3	123266-9	45 DEGREE TA-V
1.5	123266-7	45 DEGREE TA-V
2.0	123266-6	45 DEGREE TA-V
2.5	123266-16	45 DEGREE TA-V
3.0	123266-17	45 DEGREE TA-V
3.5	123266-11	45 DEGREE TA-V
4.0	123266-14	45 DEGREE TA-V

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
4.4	123266-19	45 DEGREE TA-V
4.5	123266-10	45 DEGREE TA-V
4.7	123266-1	45 DEGREE TA-V
5.0	123266-2	45 DEGREE TA-V
5.5	123266-20	45 DEGREE TA-V
6.0	123266-13	45 DEGREE TA-V
6.5	123266-12	45 DEGREE TA-V
6.7	123266-18	45 DEGREE TA-V
7.0	123266-21	45 DEGREE TA-V
8.0	123266-5	45 DEGREE TA-V
8.5	123266-15	45 DEGREE TA-V

KOMAX 34 MACHINE SERIES

DUAL UNIVERSAL “V” CUT / STRIP BLADES CLASS: UN-V



UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



123230

ITEM NUMBER	OEM #	DESCRIPTION
123230	041309	UN-V CUT / STRIP BLADE

KOMAX 34 MACHINE SERIES

TRU-RADIUS CUT / STRIP BLADES WITH RELIEF CLASS: TR-V

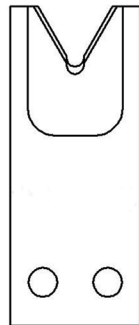
TRU-RADIUS CUT / STRIP BLADE WITH RELIEF

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122744-XX

DIA MM SIZE	ITEM NUMBER
1.0	122744-1
1.1	122744-2
1.2	122744-3
1.3	122744-4
1.4	122744-5
1.5	122744-6
1.6	122744-7
1.7	122744-8
1.8	122744-9
1.9	122744-10
2.0	122744-11
2.1	122744-12
2.2	122744-13
2.3	122744-14
2.4	122744-15
2.5	122744-16
2.6	122744-17
2.7	122744-18
2.8	122744-19

DIA MM SIZE	ITEM NUMBER
2.9	122744-20
3.0	122744-21
3.1	122744-22
3.2	122744-23
3.3	122744-24
3.4	122744-25
3.5	122744-26
3.6	122744-27
3.7	122744-28
3.8	122744-29
3.9	122744-30
4.0	122744-31
4.1	122744-32
4.2	122744-33
4.3	122744-34
4.4	122744-35
4.5	122744-36
4.6	122744-37
4.7	122744-38

DIA MM SIZE	ITEM NUMBER
4.8	122744-39
4.9	122744-40
5.0	122744-41
5.1	122744-42
5.2	122744-43
5.3	122744-44
5.4	122744-45
5.5	122744-46
5.6	122744-47
5.7	122744-48
5.8	122744-49
5.9	122744-50
6.0	122744-51
6.1	122744-52
6.2	122744-53
6.3	122744-54
6.4	122744-55
6.5	122744-56
6.6	122744-57
6.7	122744-58

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KOMAX 35 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES (30 DEGREE) CLASS: TA-V



TANGENT RADIUS “V” STRIP BLADE 30 DEGREE

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire sizes with the same blade, or you could compensate for off-center wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



124124-XX

DIA MM SIZE	ITEM NUMBER	DECRPTION
1.3	124124-1.3	TA-V STRIP BLADE

KOMAX 36 MACHINE SERIES

TANGENT RADIUS “V” CUT / STRIP BLADES CLASS: TA-V

TANGENT RADIUS “V” CUT / STRIP BLADES

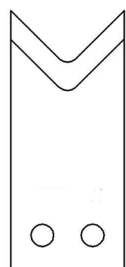
The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire sizes with the same blade, or you could compensate for off-center wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- NOTE: NON-CARBIDE BLADES -

- TC Coating Available -



122435-XX

RADIUS MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION	RADIUS MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
0.25	122435-39	-----	CUT / STRIP 0.5S	1.65	122435-4	-----	CUT / STRIP 3.3L
0.25	122435-40	-----	CUT / STRIP 0.5L	1.75	122435-1	-----	CUT / STRIP 3.5S
0.3	122435-37	-----	CUT / STRIP 0.6S	1.75	122435-2	-----	CUT / STRIP 3.5L
0.3	122435-38	-----	CUT / STRIP 0.6L	1.9	122435-19	-----	CUT / STRIP 3.8S
0.4	122435-23	-----	CUT / STRIP 0.8S	1.9	122435-20	-----	CUT / STRIP 3.8L
0.4	122435-24	-----	CUT / STRIP 0.8L	2.0	122435-17	035227	CUT / STRIP 4.0S
0.55	122435-25	-----	CUT / STRIP 1.1S	2.0	122435-18	035227	CUT / STRIP 4.0L
0.55	122435-26	-----	CUT / STRIP 1.1L	2.3	122435-21	-----	CUT / STRIP 4.6S
0.8	122435-27	-----	CUT / STRIP 1.6S	2.3	122435-22	-----	CUT / STRIP 4.6L
0.8	122435-28	-----	CUT / STRIP 1.6L	2.75	122435-35	-----	CUT / STRIP 5.5S
1.15	122435-29	-----	CUT / STRIP 2.3S	2.75	122435-36	-----	CUT / STRIP 5.5L
1.15	122435-30	-----	CUT / STRIP 2.3L	2.8	122435-31	-----	CUT / STRIP 5.6S
1.3	122435-9	-----	CUT / STRIP 2.6S	2.8	122435-32	-----	CUT / STRIP 5.6L
1.3	122435-10	-----	CUT / STRIP 2.6L	3.25	122435-7	-----	CUT / STRIP 6.5S
1.4	122435-41	-----	CUT / STRIP 2.8S	3.25	122435-8	-----	CUT / STRIP 6.5L
1.4	122435-42	-----	CUT /STRIP 2.8 L	3.5	122435-33	-----	CUT / STRIP 7.0S
1.5	122435-15	-----	CUT / STRIP 3.0S	3.5	122435-34	-----	CUT / STRIP 7.0L
1.5	122435-16	-----	CUT / STRIP 3.0L	3.55	122435-5	-----	CUT / STRIP 7.1S
1.6	122435-11	-----	CUT / STRIP 3.2S	3.55	122435-6	-----	CUT / STRIP 7.1L
1.6	122435-12	-----	CUT / STRIP 3.2L	4.0	122435-13	-----	CUT / STRIP 8.0S
1.65	122435-3	-----	CUT / STRIP 3.3S	4.0	122435-14	-----	CUT / STRIP 8.0L

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KOMAX 36 MACHINE SERIES

TRU-RADIUS “V” CUT / STRIP BLADES CLASS: TR-V

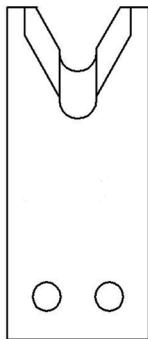
TRU-RADIUS “V” CUT / STRIP SHORT & LONG BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122660-XX

S = SHORT BLADE

L = LONG BLADE

DIA MM SIZE	ITEM NUMBER
1.0	122660-039L
1.0	122660-039S
1.2	122660-047L
1.2	122660-047S
1.4	122660-055L
1.4	122660-055S
1.6	122660-063L
1.6	122660-063S
1.7	122660-067L
1.7	122660-067S
2.0	122660-078L
2.0	122660-078S
2.3	122660-090L
2.3	122660-090S
2.5	122660-098L
2.5	122660-098S

DIA MM SIZE	ITEM NUMBER
2.6	122660-102L
2.6	122660-102S
2.8	122660-112L
2.8	122660-112S
3.2	122660-125L
3.2	122660-125S
3.50	122660-138L
3.50	122660-138S
3.55	122660-140L
3.55	122660-140S
3.8	122660-152L
3.8	122660-152S
4.0	122660-160L
4.0	122660-160S
4.4	122660-175L
4.4	122660-175S

DIA MM SIZE	ITEM NUMBER
4.8	122660-190L
4.8	122660-190S
5.0	122660-200S
5.5	122660-220L
5.5	122660-220S
6.0	122660-240L
6.0	122660-240S
6.2	122660-245L
6.2	122660-245S
6.5	122660-255L
6.5	122660-255S
6.6	122660-260L
6.6	122660-260S
7.0	122660-275L
7.0	122660-275S
7.1	122660-280L

DIA MM SIZE	ITEM NUMBER
7.1	122660-280S
7.5	122660-295L
7.5	122660-295S
7.6	122660-300L
7.6	122660-300S
7.9	122660-315L
7.9	122660-315S
8.1	122660-320L
8.1	122660-320S
8.6	122660-340L
8.6	122660-340S
9.1	122660-360L
9.1	122660-360S
9.6	122660-380L
9.6	122660-380S
10.0	122660-395L
10.0	122660-395S

KOMAX 36 MACHINE SERIES

TRU-RADIUS “V” CUT / STRIP BLADES CLASS: TR-V

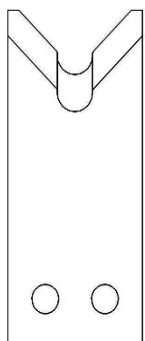
TRU-RADIUS “V” CUT / STRIP SHORT & LONG BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123870-XX

S = SHORT BLADE

L = LONG BLADE

DIAMM SIZE	ITEM NUMBER
1.0	123870-039S
1.0	123870-039L
1.2	123870-047S
1.2	123870-047L
1.4	123870-055S
1.4	123870-055L
1.7	123870-067S
1.7	123870-067L
2.0	123870-078S
2.0	123870-078L
2.3	123870-090S
2.3	123870-090L
2.5	123870-098S
2.5	123870-098L
2.6	123870-102S

DIAMM SIZE	ITEM NUMBER
2.6	123870-102L
2.8	123870-112S
2.8	123870-112L
3.2	123870-125S
3.2	123870-125L
3.55	123870-140S
3.55	123870-140L
3.8	123870-152S
3.8	123870-152L
4.0	123870-160S
4.0	123870-160L
4.4	123870-175S
4.4	123870-175L
4.8	123870-190S
4.8	123870-190L

DIAMM SIZE	ITEM NUMBER
5.0	123870-200S
5.0	123870-200L
5.5	123870-220S
5.5	123870-220L
6.0	123870-240S
6.0	123870-240L
6.2	123870-245S
6.2	123870-245L
6.4	123870-252S
6.4	123870-252L
6.5	123870-255S
6.5	123870-255L
6.6	123870-260s
6.6	123870-260l
7.1	123870-280S

DIAMM SIZE	ITEM NUMBER
7.1	123870-280L
7.6	123870-300S
7.6	123870-300L
7.9	123870-315S
7.9	123870-315L
8.1	123870-320S
8.1	123870-320S
8.6	123870-340S
8.6	123870-340L
9.1	123870-360S
9.1	123870-360L
9.6	123870-380S
9.6	123870-380L
10.0	123870-395S
10.0	123870-395L

KOMAX 40'S MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES CLASS: CL-R



COLLINEAR RADIUS TYPE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

Choosing the correct part number

When choosing the correct size, the blade diameter chosen should be 0.1 mm to 0.15 mm larger than the measured conductor size. If Titanium Nitride coating is desired, add "TC" to the end of the part number.

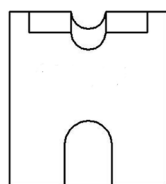
Example;

122067-1 = 1.2 mm Diameter Non-Coated
122067-1 TC = 1.2 mm Diameter Titanium Coated

These blades must be used with wire guides.

(See part number 122078)

- TC Coating Available -



122067-XX
TYPE: CL-R

DIA MM SIZE	OEM #	ITEM NUMBER
0.25	003034	122067-123
0.30	003035	122067-113
0.34	003036	122067-90
0.40	003037	122067-91
0.45	003038	122067-119
0.5	003039	122067-58
0.55	010641	122067-92
0.6	003040	122067-59
0.65	010642	122067-83
0.7	003041	122067-32
0.75	010643	122067-114
0.8	003042	122067-17
0.85	010644	122067-84
0.9	003043	122067-18

DIA MM SIZE	OEM #	ITEM NUMBER
0.95	010645	122067-85
1.0	003044	122067-12
1.05	010646	122067-127
1.1	003045	122067-19
1.15	010647	122067-81
1.2	003046	122067-1
1.25	010648	122067-93
1.3	003047	122067-2
1.35	010649	122067-82
1.4	003048	122067-11
1.45	010650	122067-94
1.5	003049	122067-14
1.55	010651	122067-80
1.6	003050	122067-3

KOMAX 40'S MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES CLASS: CL-R

- ADDITIONAL PART NUMBER'S ON SUCCEEDING PAGE -

• THREE LAKES, WI (715) 546-3070 • **CONTACT LAKES PRECISION** • EL PASO, TX (915) 856-6606 •

• EMAIL: BLADES@LAKESPRECISION.COM •

KOMAX 40'S MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES CLASS: CL-R ADDITIONAL PART NUMBER'S



DIA MM SIZE	OEM #	ITEM NUMBER
1.65	010652	122067-86
1.7	003021	122067-4
1.75	010653	122067-87
1.8	003051	122067-20
1.85	010654	122067-88
1.9	003052	122067-15
1.95	010655	122067-121
2.0	003053	122067-5
2.05	-----	122067-130
2.1	003054	122067-6
2.15	-----	122067-115
2.2	003055	122067-7
2.3	003056	122067-21
2.35	-----	122067-120
2.4	003057	122067-8
2.5	003058	122067-13
2.55	-----	122067-89
2.6	003059	122067-16
2.7	003060	122067-22
2.75	-----	122067-116
2.8	003061	122067-23
2.85	-----	122067-125
2.9	003062	122067-24
3.0	003063	122067-9
3.1	003064	122067-25
3.2	003065	122067-29

DIA MM SIZE	OEM #	ITEM NUMBER
3.3	003066	122067-30
3.35	-----	122067-124
3.4	003067	122067-10
3.5	003068	122067-31
3.55	-----	122067-126
3.6	003069	122067-26
3.7	003070	122067-27
3.8	003071	122067-28
3.9	003072	122067-40
4.0	003073	122067-35
4.1	003074	122067-48
4.2	003075	122067-64
4.3	003076	122067-33
4.4	003077	122067-46
4.5	003078	122067-50
4.6	003079	122067-60
4.7	003080	122067-34
4.8	003081	122067-47
4.9	003082	122067-36
5.0	003083	122067-51
5.1	003084	122067-43
5.2	003085	122067-44
5.3	003086	122067-37
5.4	003087	122067-45
5.5	003088	122067-41
5.6	003089	122067-62

DIA MM SIZE	OEM #	ITEM NUMBER
5.7	003090	122067-57
5.8	003091	122067-49
5.9	003092	122067-69
6.0	003093	122067-38
6.1	003094	122067-42
6.2	003095	122067-66
6.3	003096	122067-52
6.4	003097	122067-67
6.5	003098	122067-39
6.6	003099	122067-79
6.7	003100	122067-70
6.8	003101	122067-53
6.9	003102	122067-76
7.0	003103	122067-54
7.1	003104	122067-71
7.2	003105	122067-55
7.3	003106	122067-72
7.4	003107	122067-61
7.5	003108	122067-65
7.6	003109	122067-77
7.7	003110	122067-73
7.8	003111	122067-78
7.9	003112	122067-74
8.0	003113	122067-95
8.1	003114	122067-75
8.2	003115	122067-56

DIA MM SIZE	OEM #	ITEM NUMBER
8.3	003116	122067-96
8.4	003117	122067-97
8.5	003118	122067-98
8.6	003119	122067-99
8.7	003120	122067-100
8.8	003121	122067-101
8.9	003122	122067-102
9.0	003123	122067-63
9.1	003124	122067-103
9.2	003125	122067-104
9.3	003126	122067-105
9.4	003127	122067-106
9.5	003128	122067-107
9.6	003129	122067-108
9.7	003130	122067-109
9.8	003131	122067-110
9.9	003132	122067-111
10.0	003133	122067-112
10.5	-----	122067-128
11.3	-----	122067-122
11.5	-----	122067-68
11.8	-----	122067-129
12.0	-----	122067-117
12.5	-----	122067-118

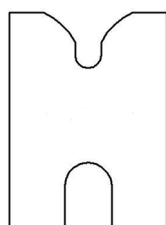
RADIUS WIRE GUIDE

Wire guides are used in conjunction with collinear radius strip blades to precisely guide the conductor into the strip area of the blade. This will help prevent the conductor from coming in contact with the cutting edges of the strip blades, preventing premature strip blade wear.

Choosing the correct part number

When choosing the correct size, the guide diameter chosen should be 0.00 mm to 0.1 mm larger than the measured insulation diameter.

Example; 122078-1 = 1.6 mm Diameter Guide



122078

DIAMM SIZE	OEM #	ITEM NUMBER
0.5	003134	122078-87
0.6	003135	122078-70
0.7	003136	122078-73
0.8	003137	122078-76
0.9	003138	122078-60
1.0	003139	122078-49
1.1	003140	122078-57
1.2	003141	122078-48
1.3	003142	122078-23
1.4	003143	122078-34
1.5	003144	122078-16
1.6	003145	122078-1
1.7	003146	122078-17
1.75	-----	122078-104
1.8	003147	122078-30
1.9	003148	122078-28

DIAMM SIZE	OEM #	ITEM NUMBER
2.0	003149	122078-2
2.1	003150	122078-31
2.2	003151	122078-3
2.3	003152	122078-10
2.4	003153	122078-25
2.5	003154	122078-24
2.6	003155	122078-4
2.7	003023	122078-5
2.8	003156	122078-11
2.9	003157	122078-42
3.0	003158	122078-6
3.1	003159	122078-12
3.2	003160	122078-26
3.3	003161	122078-7
3.4	003162	122078-29
3.5	003163	122078-20

DIAMM SIZE	OEM #	ITEM NUMBER
3.6	003164	122078-27
3.7	003165	122078-8
3.8	003166	122078-13
3.9	003167	122078-9
4.0	003168	122078-14
4.1	003169	122078-68
4.2	003170	122078-22
4.3	003171	122078-21
4.4	003172	122078-54
4.5	003173	122078-18
4.6	003174	122078-47
4.7	003175	122078-19
4.8	003176	122078-32
4.9	003177	122078-33
5.0	003178	122078-35
5.1	003179	122078-15

KOMAX 40'S MACHINE SERIES

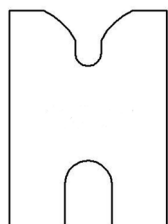
RADIUS WIRE GUIDES

- ADDITIONAL PART NUMBER'S ON SUCCEEDING PAGE -

KOMAX 40'S MACHINE SERIES

RADIUS WIRE GUIDES ADDITIONAL PART NUMBER'S

RADIUS WIRE GUIDE



122078

DIAMM SIZE	OEM #	ITEM NUMBER
5.2	003180	122078-63
5.3	003181	122078-52
5.4	003182	122078-59
5.5	003183	122078-36
5.6	003184	122078-58
5.7	003185	122078-43
5.8	003186	122078-61
5.9	003187	122078-55
6.0	003188	122078-37
6.1	003189	122078-74
6.2	003190	122078-38
6.3	003191	122078-39
6.4	003192	122078-77
6.5	003193	122078-40
6.6	003194	122078-64
6.7	003195	122078-41
6.8	003196	122078-56
6.9	003197	122078-78
7.0	003198	122078-44
7.1	003199	122078-79

DIAMM SIZE	OEM #	ITEM NUMBER
7.2	003200	122078-50
7.3	003201	122078-75
7.4	003202	122078-65
7.5	003203	122078-80
7.6	003204	122078-45
7.7	003205	122078-67
7.8	003206	122078-81
7.9	003207	122078-82
8.0	003208	122078-69
8.1	003209	122078-93
8.2	003210	122078-89
8.3	003211	122078-83
8.4	003212	122078-94
8.5	003213	122078-72
8.6	003214	122078-84
8.7	003215	122078-90
8.8	003216	122078-85
8.9	003217	122078-95
9.0	003218	122078-51
9.1	003219	122078-96

DIAMM SIZE	OEM #	ITEM NUMBER
9.2	003220	122078-97
9.3	003221	122078-98
9.4	003222	122078-99
9.5	003223	122078-91
9.6	003224	122078-100
9.7	003225	122078-101
9.8	003226	122078-46
9.9	003227	122078-102
10.0	003228	122078-71
10.4	-----	122078-105
10.5	-----	122078-92
10.6	-----	122078-53
10.8	-----	122078-106
11.0	-----	122078-107
12.0	-----	122078-86
12.8	-----	122078-88
12.9	-----	122078-103
13.0	-----	122078-66

KOMAX 40'S MACHINE SERIES

UNIVERSAL STRIP BLADES CLASS: UN-V / COLLINEAR

UNIVERSAL STRIP BLADES

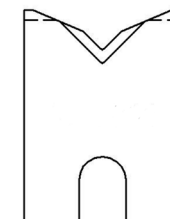
The sharp edge is ground at an angle that results in a "V" opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations,

woven fiber or thin-walled multi-conductors.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
122542-1	003011	STRIP V1A1
122542-2	003017	STRIP V1A2
122542-3	003012	STRIP V1B1
122542-4	003018	STRIP V1B2



122542-XX

COLLINEAR ANGLE CUT-OFFBLADES

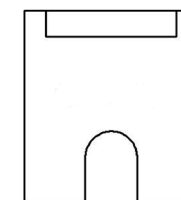
Sharp edge is ground to a collinear angle.

Characteristics: Sharp edges cut by compression. This class of blade was designed to allow positive control of cutter head closure. It also allows precision processing of specific wire sizes with an inherent blade longevity.

This type of blade is used with collinear radius strip blades.

- TC Coating Available -

MM THICK	ITEM NUMBER	OEM #	DESCRIPTION
2.0	122068	003020	CUT CL-A
2.0	122068	-----	CUT CL-A
1.0	122533-1	-----	CUT CL-A 1.0
1.5	122533-2	-----	CUT CL-A 1.5
1.0	122173-1	-----	CUT T5 / 1 20 DEGREE
1.0	122173-1	010283	CL-A T5 / 1 20 DEGREE
1.2	122173-4	-----	CL-A THICK CUT-OFF
1.2	122173-4	-----	CL-A THICK CUT-OFF
2.0	122173-2	-----	CL-A T5 45 DEGREE
2.0	122173-2	-----	CL-A T5 45 DEGREE
2.0	122173-3	-----	CL-A T5 30 DEGREE
2.0	122173-3	-----	CL-A T5 30 DEGREE
----	122885	-----	CL-A HEAVY CUT



TANGENT ANGLE CUT-OFF BLADES

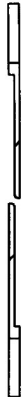
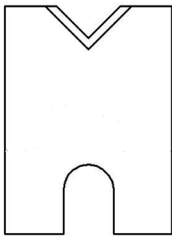
The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -



STYLE A



STYLE B

ITEM NUMBER	OEM #	STYLE	DESCRIPTION
122284-11	-----	-A-	KWCL
122284-16	-----	-B-	KWCLS
122284-17	-----	-B-	KWDCL
122879	-----		TA-V BY-M
122202	003010		T1 V TYPE CUT

KOMAX 40'S MACHINE SERIES

TRU-RADIUS STRIP BLADES NARROW ENTRY ANGLE 60 DEGREE



TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

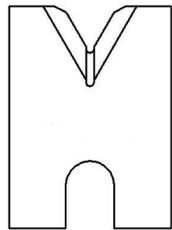
Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

NARROW ENTRY ANGLE

Sharp edge is ground at an angle that results in a “V” opening up to 60 degrees.

Characteristics: Narrow angle assists in wire gathering towards the operating radius, also tends to help cut insulation closer to conductor size without touching it. Slicing action is better due to the narrow angle.

- TC Coating Available -



122367-XX

DIA MM SIZE	ITEM NUMBER	DESCRIPTION	CLASS
1.0	122367-1	SHORT BY-M	TR-V
1.0	122367-2	LONG BY-M	TR-V
1.2	122367-3	SHORT BY-M	TR-V
1.2	122367-4	LONG BY-M	TR-V
1.4	122367-5	SHORT BY-M	TR-V
1.4	122367-6	LONG BY-M	TR-V
1.7	122367-7	SHORT BY-M	TR-V
1.7	122367-8	LONG BY-M	TR-V
2.0	122367-9	SHORT BY-M	TR-V
2.0	122367-10	LONG BY-M	TR-V

DIA MM SIZE	ITEM NUMBER	DESCRIPTION	CLASS
2.6	122367-11	SHORT BY-M	TR-V
2.6	122367-12	LONG BY-M	TR-V
2.8	122367-15	SHORT BY-M	TR-V
2.8	122367-16	LONG BU-M	TR-V
4.5	122367-17	SHORT BY-M	TR-V
4.5	122367-18	LONG BY-M	TR-V
4.6	122367-19	SHORT BY-M	TR-V
4.6	122367-20	LONG BY-M	TR-V
6.3	122367-13	SHORT BY-M	TR-V
6.3	122367-14	LONG BY-M	TR-V

KOMAX 40'S MACHINE SERIES

TRU-RADIUS STRIP BLADES WIDE ENTRY ANGLE 123 DEGREE

TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

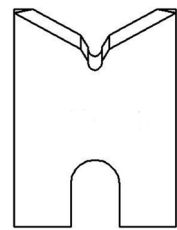
Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

WIDE ENTRY ANGLE

Sharp edge is ground at an angle that results in a “V” opening above 90 degrees.

Characteristics: Wide angle is not as effective for gathering wire towards the operating radius. This type works well for gathering thick, soft insulations, (such as ignition wire).

- TC Coating Available -



122777-XX

DIA MM SIZE	ITEM NUMBER	DESCRIPTION	CLASS
1.0	122777-039	123 DEG. WE-A	TA-V
1.2	122777-047	123 DEG. WE-A	TA-V
1.4	122777-055	123 DEG. WE-A	TA-V
1.7	122777-067	123 DEG. WE-A	TA-V
2.0	122777-079	123 DEG. WE-A	TA-V
2.6	122777-102	123 DEG. WE-A	TA-V
3.2	122777-126	123 DEG. WE-A	TA-V

KOMAX 40'S MACHINE SERIES

TANGENT RADIUS "V" STRIP BLADES EQUAL LENGTH CLASS: TA-V

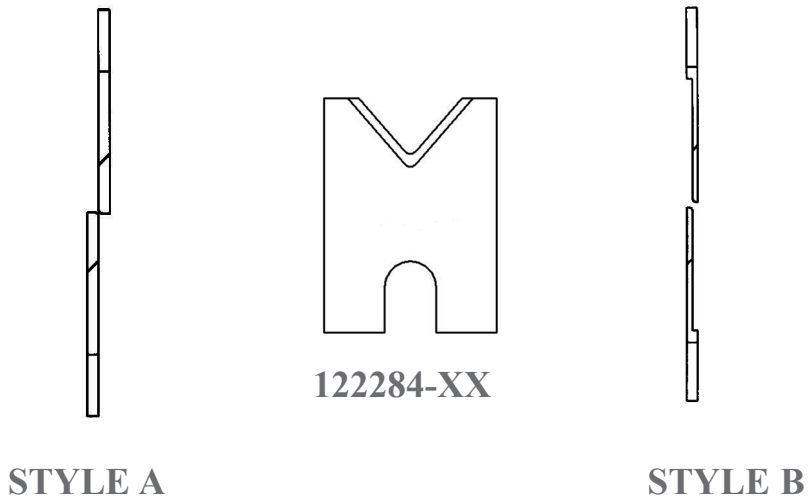
TANGENT RADIUS "V" STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height (if insulation material and wall thickness allow), you can process adjacent wire sizes with the same blade, or you could compensate for off-center wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



DIA MM SIZE	STYLE	ITEM NUMBER	DESCRIPTION	CLASS
0.25	-- B --	122284-12	STRIP 0.25	TA-V
0.5	-- A --	122284-13	STRIP 0.5	TA-V
1.0	-- A --	122284-1	STRIP 1.0	TA-V
1.0	-- B --	122284-14	STRIP 1.0S	TA-V
1.1	-- A --	122284-2	STRIP 1.1	TA-V
1.2	-- A --	122284-3	STRIP 1.2	TA-V
1.3	-- A --	122284-4	STRIP 1.3	TA-V
1.4	-- A --	122284-5	STRIP 1.4	TA-V
1.5	-- A --	122284-6	STRIP 1.5	TA-V
1.5	-- B --	122284-15	STRIP 1.5S	TA-V
1.6	-- A --	122284-7	STRIP 1.6	TA-V
1.7	-- A --	122284-8	STRIP 1.7	TA-V
1.8	-- A --	122284-9	STRIP 1.8	TA-V
1.9	-- A --	122284-10	STRIP 1.9	TA-V

KOMAX 40'S MACHINE SERIES

VARIABLE SPACERS & SPACER SETS



VARIABLE SPACERS

The wire end strip dimension is obtained by physically inserting spacers of different thickness in-between the blade bodies. The assembly is then held in place by set screws or other fastening devices.

This system involves measurement calculations in order to figure the correct spacer-blade combinations. Because of its inherent cumbersome nature, it is highly recommended that this setup be performed in anticipation to a scheduled production run.

To optimize equipment productivity, it is a good idea to have several sets of pre-assembled blade mounts ready for production schedules.

ITEM NUMBER	MACHINE	TYPE
5-122134	KX 10-10	SPACER SET
5-122336	KX 20-20	SPACER SET



122102

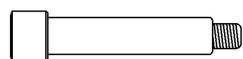
DIA MM SIZE	OEM #	ITEM NUMBER
.025	-----	122102-36
0.1	-----	
0.4	-----	122102-47
0.5	-----	122102-1
0.6	-----	122102-42
0.7	-----	122102-37
0.75	-----	122102-43
0.8	-----	122102-44
1.0	003139	122102-2
1.1	-----	122102-48
1.2	-----	122102-35
1.25	-----	122102-45
1.3	-----	122102-49
1.4	-----	122102-46
1.5	003144	122102-3
2.0	003014	122102-4
2.3	-----	122102-38
2.5	-----	122102-5
2.6	-----	122102-51

DIA MM SIZE	OEM #	ITEM NUMBER
3.0	003013	122102-6
3.15	-----	122102-54
3.5	-----	122102-7
3.6	-----	122102-53
3.9	-----	122102-39
4.0	-----	122102-8
4.5	-----	122102-12
5.0	003880	122102-13
5.5	-----	122102-9
5.6	-----	122102-52
5.7	-----	122102-40
6.0	-----	122102-10
6.1	-----	122102-60
6.5	-----	122102-14
7.0	-----	122102-15
7.2	-----	122102-41
7.5	-----	122102-16
7.6	-----	122102-50
8.0	-----	122102-17

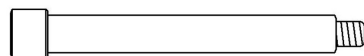
DIA MM SIZE	OEM #	ITEM NUMBER
8.5	-----	122102-18
9.0	-----	122102-19
9.5	-----	122102-20
10.0	003029	122102-11
10.5	-----	122102-21
11.0	-----	122102-22
11.5	-----	122102-23
12.0	-----	122102-24
12.5	-----	122102-25
13.0	-----	122102-26
13.5	-----	122102-27
14.0	-----	122102-28
14.5	-----	122102-29
15.0	-----	122102-30
15.5	-----	122102-31
16.0	-----	122102-32
16.5	-----	122102-33
17.0	-----	122102-34

TOOLHOLDERS

Purchase choices range from a complete assembly, with spacers, to a single toolholder, individual screw or nut. For an assembly with pre-installed blades for your specific application, please contact sales for further information.



122137-1



122289

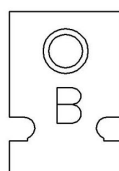
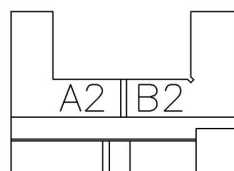


122137-2

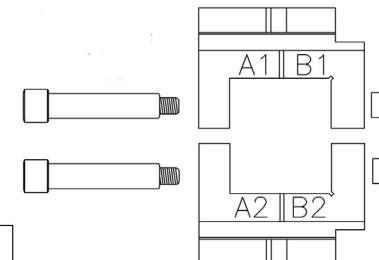
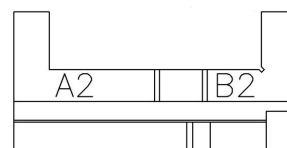
ITEM NUMBER	DESCRIPTION
5-122537	10 / 10 DOUBLE ASSY WITHOUT BLADES
5-122428	10 / 10 DOUBLE BLADE ASSY
5-122299	10 / 10 TOP DOUBLE WITH SCREWS
5-122300	10 / 10 LOWER DOUBLE WITH SCREWS
5-122361	10 / 10 TOP & LOWER WITH SPACERS
5-122133	10 / 10 TOP & LOWER WITH SCREWS
5-122337	20 / 20 TOP & LOWER
5-122288	20 / 20 TOP & LOWER WITHOUT SPACERS

ITEM NUMBER	DESCRIPTION
122297	10 / 10 UPPER DOUBLE
122298	10 / 10 LOWER DOUBLE
122429	20 / 20 UPPER DOUBLE
122430	20 / 20 LOWER DOUBLE
122285	20 / 20 UPPER
122286	20 / 20 LOWER
122289	20 / 20 SCREW ALIGN
122137-1	10 / 10 SCREW ALIGN
122137-2	10 / 10 & 20 / 20 NUT
122135	10 / 10 UPPER
122136	10 / 10 LOWER

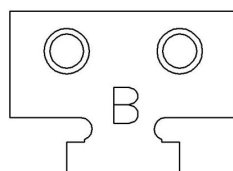
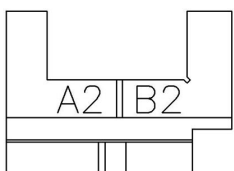
10 / 10
122135 UPPER
122136 LOWER



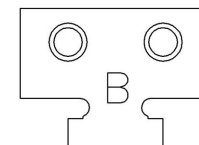
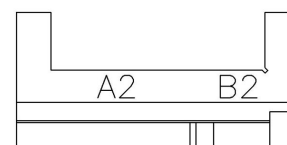
20 / 20
122285 UPPER
122286 LOWER



10 / 10 DOUBLE
122297 UPPER
122298 LOWER

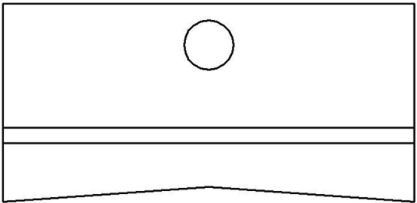


20 / 20 DOUBLE
122429 UPPER
122430 LOWER



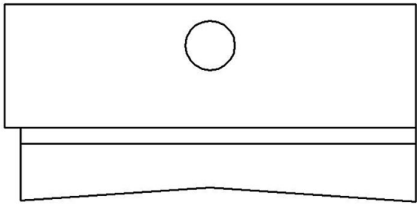
- FOR MORE INFORMATION ABOUT THESE BLADES, PLEASE CONTACT LAKES PRECISION, INC. -
- TC Coating Available -

DIA MM SIZE	ITEM NUMBER	OEM #	DECRPTION
50 mm-1 mm	123138	0058164	PRE-SLITTER NOTCH
5 mm-1 mm	123139-1	0058168	PRE-SLITTER NOTCH
5 mm-1 mm	123139-2	0058167	PRE-SLITTER NOTCH
48 mm-1 mm	123139-3	0058166	PRE-SLITTER NOTCH
48 mm-1 mm	123139-4	0058165	PRE-SLITTER NOTCH



123138

**PRE-SLITTER NOTCH
BLADES**



123139-XX

KOMAX 135 MACHINE SERIES

GROMMET LOADER

GROMMET LOADER

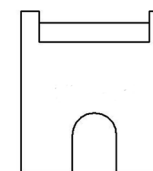
Sharp edge is ground to a collinear angle.

Characteristics: Sharp edges cut by compression. This class of blade was designed to allow positive control of cutter head closure. It also allows precision processing of specific wire sizes with an inherent blade longevity.

This type of blade is used with collinear radius strip blades.

- TC Coating Available -

DIA MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
0.20	122215-10	-----	GROMMET LOADER BLADE
0.70	122215-1	031545	GROMMET LOADER BLADE
0.80	122215-2	031349	GROMMET LOADER BLADE
1.26	122215-3	-----	GROMMET LOADER BLADE
1.56	122215-4	031549	GROMMET LOADER BLADE
0.55	122215-5	-----	GROMMET LOADER BLADE
0.90	122215-6	-----	GROMMET LOADER BLADE
0.30	122215-7	-----	GROMMET LOADER BLADE
0.60	122215-8	-----	GROMMET LOADER BLADE
0.50	122215-9	-----	GROMMET LOADER BLADE



122215

KOMAX 210 / 220 / 230 MACHINE SERIES

STRAIGHT EDGE CUT / STRIP BLADES

STRAIGHT EDGE CUT/STRIP

Sharp edge is ground to a collinear angle.

Characteristics: Sharp edges cut by compression. This class of blade was designed to allow positive control of cutter head closure. It also allows precision processing of specific wire sizes with an inherent blade longevity.

This type of blade is used with collinear radius strip blades.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
122541	-----	KX 210 / 20 / 30 CL-A BY-M



122541

KOMAX 210 / 220 / 230 MACHINE SERIES

TRU-RADIUS “V” CUT / STRIP BLADES CLASS: TR-V

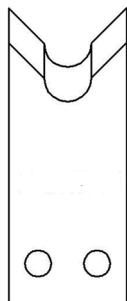
TRU-RADIUS CUT / STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122538-XX

DIA MM SIZE	ITEM NUMBER
0.4	122538-68
0.5	122538-58
0.6	122538-67
0.7	122538-59
0.8	122538-60
0.9	122538-61
1.0	122538-1
1.1	122538-2
1.2	122538-3
1.3	122538-4
1.4	122538-5
1.5	122538-6
1.6	122538-7
1.7	122538-8
1.8	122538-9
1.9	122538-10
2.0	122538-11

DIA MM SIZE	ITEM NUMBER
2.1	122538-12
2.2	122538-13
2.3	122538-14
2.4	122538-15
2.5	122538-16
2.6	122538-17
2.7	122538-18
2.8	122538-19
2.9	122538-20
3.0	122538-21
3.1	122538-22
3.2	122538-23
3.3	122538-24
3.4	122538-25
3.5	122538-26
3.6	122538-27
3.7	122538-28

DIA MM SIZE	ITEM NUMBER
3.8	122538-29
3.9	122538-30
4.0	122538-31
4.1	122538-32
4.2	122538-33
4.3	122538-34
4.4	122538-35
4.5	122538-36
4.6	122538-37
4.7	122538-38
4.8	122538-39
4.9	122538-40
5.0	122538-41
5.1	122538-42
5.2	122538-43
5.3	122538-44
5.4	122538-45
5.5	122538-46

DIA MM SIZE	ITEM NUMBER
5.6	122538-47
5.7	122538-48
5.8	122538-49
5.9	122538-50
6.0	122538-51
6.1	122538-52
6.2	122538-53
6.3	122538-54
6.4	122538-55
6.5	122538-56
6.6	122538-57
6.8	122538-63
7.0	122538-62
7.5	122538-69
8.0	122538-70
9.0	122538-64
10.0	122538-65
11.0	122538-66

KOMAX KAPPA 230 / 330 MACHINE SERIES

TANGENT ANGLE “V” STRIP BLADES CLASS: TA-V

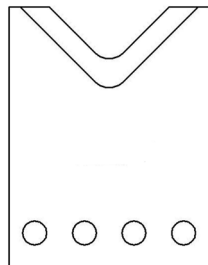
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



122753-XX

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
0.2	122753-20	KX KAPPA .10 STRIP
0.4	122753-12	KX KAPPA .20 STRIP
0.7	122753-7	KX KAPPA .35 STRIP
1.0	122753-16	KX KAPPA .50 STRIP
1.2	122753-8	KX KAPPA .60 STRIP
2.0	122753-14	KX KAPPA 1.0 STRIP
3.0	122753-13	KX KAPPA 1.5 STRIP
3.2	122753-18	KX KAPPA 1.6 STRIP
4.0	122753-1	KX KAPPA 2.0 STRIP
5.0	122753-2	KX KAPPA 2.5 STRIP

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
6.0	122753-3	KX KAPPA 3.0 STRIP
7.0	122753-11	KX KAPPA 3.5 STRIP
7.2	122753-10	KX KAPPA 3.6 STRIP
8.0	122753-4	KX KAPPA 4.0 STRIP
8.6	122753-9	KX KAPPA 4.3 STRIP
9.0	122753-19	KX KAPPA 4.5 STRIP
9.2	122753-17	KX KAPPA 4.6 STRIP
10.0	122753-5	KX KAPPA 5.0 STRIP
10.7	122753-15	KX KAPPA 5.35 STRIP
12.0	122753-6	KX KAPPA 6.0 STRIP

KOMAX KAPPA 230 / 330 MACHINE SERIES

TANGENT ANGLE “V” STRIP BLADES CLASS: TA-V

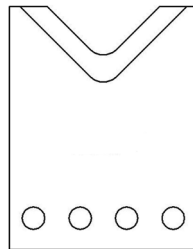
TANGENT RADIUS “V” STRIP BLADES - CARBIDE

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



123775-XX
CARBIDE

DIA MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
0.2	123775-12	-----	KOMAX KAPPA 230 0.20 STRIP
0.7	123775-7	-----	KOMAX KAPPA 230 0.35 STRIP
1.0	123775-16	0311458	KOMAX KAPPA 230 0.50 STRIP
1.2	123775-8	-----	KOMAX KAPPA 230 0.60 STRIP
2.0	123775-14	0311456	KOMAX KAPPA 230 1.0 STRIP
3.0	123775-13	0311454	KOMAX KAPPA 230 1.5 STRIP
4.0	123775-1	0044128	KOMAX KAPPA 230 2.0 STRIP
5.0	123775-2	0044127	KOMAX KAPPA 230 2.5 STRIP
6.0	123775-3	0043912	KOMAX KAPPA 230 3.0 STRIP
7.0	123775-11	-----	KOMAX KAPPA 230 3.5 STRIP
7.2	123775-10	-----	KOMAX KAPPA 230 3.6 STRIP
8.0	123775-4	0043913	KOMAX KAPPA 230 4.0 STRIP
8.6	123775-9	-----	KOMAX KAPPA 230 4.3 STRIP
9.2	123775-17	-----	KOMAX KAPPA 230 4.6 STRIP
10.0	123775-5	0043914	KOMAX KAPPA 230 5.0 STRIP
10.7	123775-15	-----	KOMAX KAPPA 230 5.35 STRIP
12.0	123775-6	0043915	KOMAX KAPPA 230 6.0 STRIP

KOMAX KAPPA 230 / 330 MACHINE SERIES

TANGENT RADIUS “V” CUT / STRIP BLADES (45 DEGREE) CLASS: TA-V

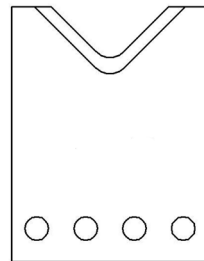
TANGENT RADIUS “V” CUT / STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



123205-XX

DIAMM SIZE	ITEM NUMBER	DESCRIPTION
0.4	123205-12	TA-V CUT / STRIP .20 STRIP
0.7	123205-7	TA-V CUT / STRIP .35 STRIP
1.0	123205-16	TA-V CUT / STRIP .50 STRIP
1.2	123205-8	TA-V CUT / STRIP .60 STRIP
2.0	123205-14	TA-V CUT / STRIP 1.0 STRIP
3.0	123205-13	TA-V CUT / STRIP 1.5 STRIP
4.0	123205-1	TA-V CUT / STRIP 2.0 STRIP
5.0	123205-2	TA-V CUT / STRIP 2.5 STRIP
6.0	123205-3	TA-V CUT / STRIP 3.0 STRIP
7.0	123205-11	TA-V CUT / STRIP 3.5 STRIP
7.2	123205-10	TA-V CUT / STRIP 3.6 STRIP
8.0	123205-4	TA-V CUT / STRIP 4.0 STRIP
8.6	123205-9	TA-V CUT / STRIP 4.3 STRIP
9.2	123205-17	TA-V CUT / STRIP 4.6 STRIP
10.0	123205-5	TA-V CUT / STRIP 5.0 STRIP
10.7	123205-15	TA-V CUT / STRIP 5.35 STRIP
12.0	123205-6	TA-V CUT / STRIP 6.0 STRIP

KOMAX KAPPA 230 / 330 MACHINE SERIES

TRU-RADIUS CUT / STRIP BLADES CLASS: TR-V

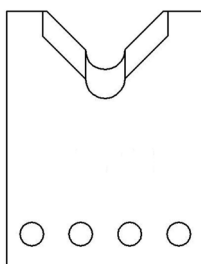
TRU-RADIUS CUT / STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122923-XX

KOMAX KAPPA 230 MACHINE SERIES

TRU-RADIUS CUT / STRIP BLADES CLASS: TR-V

- ADDITIONAL PART NUMBER'S ON SUCCEEDING PAGES -

DIA MM SIZE	OEM #	ITEM NUMBER
0.6	-----	122923-84
0.9	-----	122923-93
1.0	0307823	122923-1
1.1	-----	122923-2
1.2	-----	122923-3
1.3	-----	122923-4
1.4	-----	122923-5
1.5	-----	122923-6
1.6	-----	122923-7
1.7	-----	122923-8
1.8	-----	122923-9
1.9	-----	122923-10
2.0	0307824	122923-11
2.1	-----	122923-12
2.2	-----	122923-13
2.3	-----	122923-14
2.4	-----	122923-15
2.5	-----	122923-16
2.6	-----	122923-17

DIA MM SIZE	OEM #	ITEM NUMBER
2.7	-----	122923-18
2.8	-----	122923-19
2.9	-----	122923-20
3.0	0307825	122923-21
3.1	-----	122923-22
3.2	-----	122923-23
3.3	-----	122923-24
3.4	-----	122923-25
3.5	-----	122923-26
3.6	-----	122923-27
3.7	-----	122923-28
3.8	-----	122923-29
3.9	-----	122923-30
4.0	0307826	122923-31
4.1	-----	122923-32
4.2	-----	122923-33
4.3	-----	122923-34
4.4	-----	122923-35
4.5	-----	122923-36

KOMAX KAPPA 230 / 330 MACHINE SERIES

TRU-RADIUS CUT / STRIP BLADES CLASS: TR-V ADDITIONAL PART NUMBER'S



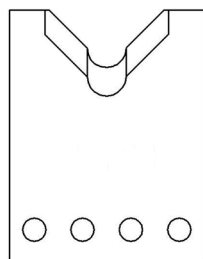
TRU-RADIUS CUT / STRIP BLADE CONTINUED

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122923-XX

DIA MM SIZE	OEM #	ITEM NUMBER
4.6	-----	122923-37
4.7	-----	122923-38
4.8	-----	122923-39
4.9	-----	122923-40
5.0	0307827	122923-41
5.1	-----	122923-42
5.2	-----	122923-43
5.3	-----	122923-44
5.4	-----	122923-45
5.5	-----	122923-46
5.6	-----	122923-47
5.7	-----	122923-48
5.8	-----	122923-49
5.9	-----	122923-50
6.0	0307828	122923-51
6.1	-----	122923-52
6.2	-----	122923-53
6.3	-----	122923-54
6.4	-----	122923-55

DIA MM SIZE	OEM #	ITEM NUMBER
6.5	-----	122923-56
6.6	-----	122923-57
6.7	-----	122923-58
6.8	-----	122923-59
6.9	-----	122923-60
7.0	0307829	122923-61
7.1	-----	122923-62
7.2	-----	122923-63
7.3	-----	122923-64
7.4	-----	122923-65
7.5	-----	122923-66
7.6	-----	122923-91
8.0	0307830	122923-67
8.1	-----	122923-79
8.2	-----	122923-80
8.3	-----	122923-81
8.4	-----	122923-82
8.5	-----	122923-68
8.7	-----	122923-78

DIA MM SIZE	OEM #	ITEM NUMBER
9.0	0307831	122923-69
9.2	-----	122923-85
9.3	-----	122923-92
9.5	-----	122923-70
9.6	-----	122923-94
9.8	-----	122923-88
10.0	0307832	122923-71
10.3	-----	122923-87
10.5	-----	122923-72
10.6	-----	122923-86
10.7	0307833	122923-73
10.8	-----	122923-89
11.0	-----	122923-74
11.1	-----	122923-75
11.5	-----	122923-76
12.0	0307834	122923-77
13.0	0307835	122923-90
13.6	-----	122923-83

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• EMAIL: BLADES@LAKESPRECISION.COM •

KOMAX KAPPA 230 / 330 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V



TANGENT RADIUS “V” STRIP BLADES

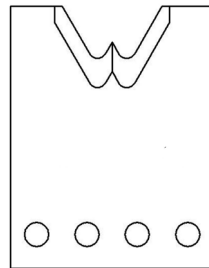
The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- FOR MORE INFORMATION AND ADDITIONAL SIZES, PLEASE CONTACT LAKES PRECISION, INC.

- *TC Coating Available* -



123092

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
1.0	123092-3	2 CONDUCTOR TA-V STRIP
1.5	123092-2	2 CONDUCTOR TA-V STRIP
2.6	123092-1	2 CONDUCTOR TA-V STRIP

KOMAX KAPPA 235 MACHINE SERIES

2 CONDUCTOR UNIVERSAL STRIP BLADES CLASS: UN-V

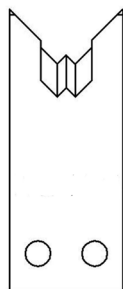
UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked pvc, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- For more information on these blades, or specific sizes, contact Lakes Precision, Inc.

- *TC Coating Available* -



123284-XX

CENTER TO CENTER MM	OEM #	ITEM NUMBER	DESCRIPTION
2.0	0062692	123284-5	2 CONDUCTOR UN-V CUT / STRIP / INNER STRIP OPTION
2.4	-----	123284-1	2 CONDUCTOR UN-V CUT / STRIP / INNER STRIP OPTION
2.43	0061975	123284-2	2 CONDUCTOR UN-V CUT / STRIP / INNER STRIP OPTION
2.48	-----	123284-7	2 CONDUCTOR UN-V CUT / STRIP / INNER STRIP OPTION
2.5	0061976	123284-3	2 CONDUCTOR UN-V CUT / STRIP / INNER STRIP OPTION
3.0	0061977	123284-4	2 CONDUCTOR UN-V CUT / STRIP / INNER STRIP OPTION
3.3	-----	123284-6	2 CONDUCTOR UN-V CUT / STRIP / INNER STRIP OPTION

KOMAX KAPPA 235 MACHINE SERIES

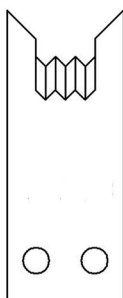
3 CONDUCTOR UNIVERSAL STRIP BLADES CLASS: UN-V

UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked pvc, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



123213-XX

CENTER TO CENTER MM	OEM #	ITEM NUMBER	DESCRIPTION
1.35	-----	123213-4	3 COND UN-V FOR INNER STRIP OPTION
2.0	-----	123213-3	3 COND UN-V FOR INNER STRIP OPTION
2.1	0062693	123213-7	3 COND UN-V FOR INNER STRIP OPTION
2.44	0061972	123213-5	3 COND UN-V FOR INNER STRIP OPTION
2.54	0061973	123213-1	3 COND UN-V FOR INNER STRIP OPTION
3.0	-----	123213-2	3 COND UN-V FOR INNER STRIP OPTION
3.1	0061974	123213-6	3 COND UN-V FOR INNER STRIP OPTION

KOMAX KAPPA 235 MACHINE SERIES

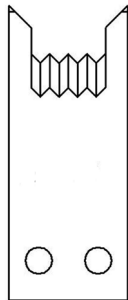
4 CONDUCTOR UNIVERSAL STRIP BLADES CLASS: UN-V

UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked pvc, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



123300

CENTER TO CENTER MM	ITEM NUMBER	DESCRIPTION
1.4	123300-4	4 COND UN-V FOR INNER STRIP OPTION
2.1	123300-5	4 COND UN-V FOR INNER STRIP OPTION
2.3	123300-1	4 COND UN-V FOR INNER STRIP OPTION
3.0	123300-3	4 COND UN-V FOR INNER STRIP OPTION
3.4	123300-2	4 COND UN-V FOR INNER STRIP OPTION

KOMAX KAPPA 240 MACHINE SERIES

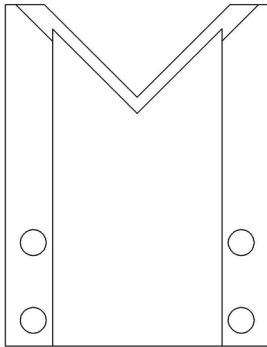
UNIVERSAL CUT / STRIP BLADES CLASS: UN-V

UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -



123097

DIA MM SIZE	ITEM NUMBER	OEM #	DECRPTION
----	123097	053884	UN-V CUT / STRIP

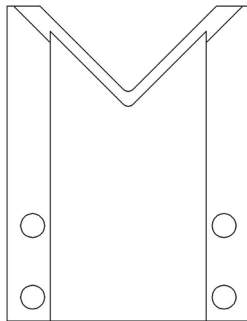
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



124515-X

TA-V / STRIP BLADES

DIA MM SIZE	ITEM NUMBER	OEM #	DECRPTION
1.9	124515-7	-----	TA-V CUT / STRIP BLADE
3.2	124515-1	-----	TA-V CUT / STRIP BLADE
4.0	124515-5	0058233	TA-V CUT / STRIP BLADE
6.0	124515-4	0058235	TA-V CUT / STRIP BLADE
6.3	124515-2	-----	TA-V CUT / STRIP BLADE
8.0	124515-3	0058237	TA-V CUT / STRIP BLADE
12.0	124515-6	-----	TA-V CUT / STRIP BLADE

KOMAX KAPPA 240 MACHINE SERIES

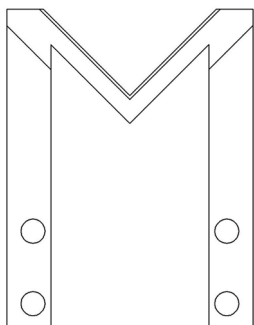
TANGENT ANGLE “V” CUT / STRIP BLADES CLASS: UN-V

UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -



123838

ITEM NUMBER	OEM #	DECRPTION
123838	0066350	UN-V CUT / STRIP BLADE

KOMAX KAPPA 240 MACHINE SERIES

TRU-RADIUS "V" STRIP BLADES CLASS: TR-V

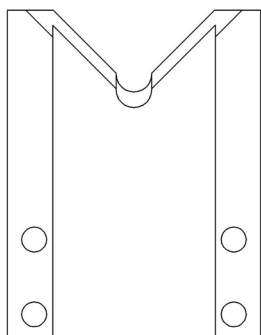
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123108-XX

DIA MM SIZE	ITEM NUMBER
1.8	123108-1.8
1.9	123108-1.9
2.0	123108-2.0
2.1	123108-2.1
2.2	123108-2.2
2.3	123108-2.3
2.4	123108-2.4
2.5	123108-2.5
2.6	123108-2.6
2.7	123108-2.7
2.8	123108-2.8
2.9	123108-2.9
3.0	123108-3.0
3.1	123108-3.1
3.2	123108-3.2

DIA MM SIZE	ITEM NUMBER
3.3	123108-3.3
3.4	123108-3.4
3.5	123108-3.5
3.6	123108-3.6
3.7	123108-3.7
3.8	123108-3.8
3.9	123108-3.9
4.0	123108-4.0
4.1	123108-4.1
4.2	123108-4.2
4.3	123108-4.3
4.4	123108-4.4
4.5	123108-4.5
4.6	123108-4.6
4.7	123108-4.7

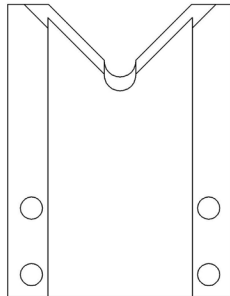
KOMAX KAPPA 240 MACHINE SERIES

TRU-RADIUS "V" STRIP BLADES CLASS: TR-V

- ADDITIONAL PART NUMBER'S ON SUCCEEDING PAGE -

KOMAX KAPPA 240 MACHINE SERIES

ADDITIONAL TRU-RADIUS "V" STRIP BLADES CLASS: TR-V



123108-XX

DIA MM SIZE	ITEM NUMBER
4.8	123108-4.8
4.9	123108-4.9
5.0	123108-5.0
5.1	123108-5.1
5.2	123108-5.2
5.3	123108-5.3
5.4	123108-5.4
5.5	123108-5.5
5.6	123108-5.6
5.7	123108-5.7
5.8	123108-5.8
5.9	123108-5.9
6.0	123108-6.0
6.1	123108-6.1
6.2	123109-6.2
6.3	123108-6.3
6.4	123108-6.4
6.5	123108-6.5
6.6	123108-6.6
6.7	123108-6.7
6.8	123108-6.8
6.9	123108-6.9
7.0	123108-7.0
7.1	123108-7.1
7.2	123108-7.2
7.3	123108-7.3

DIA MM SIZE	ITEM NUMBER
7.4	123108-7.4
7.5	123108-7.5
7.6	123108-7.6
7.7	123108-7.7
7.8	123108-7.8
7.9	123108-7.9
8.0	123108-8.0
8.1	123108-8.1
8.2	123108-8.2
8.3	123108-8.3
8.4	123108-8.4
8.5	123108-8.5
8.6	123108-8.6
8.7	123108-8.7
8.8	123108-8.8
8.9	123108-8.9
9.0	123108-9.0
9.1	123108-9.1
9.2	123108-9.2
9.3	123108-9.3
9.4	123108-9.4
9.5	123108-9.5
9.6	123108-9.6
9.7	123108-9.7
9.8	123108-9.8
9.9	123108-9.9

DIA MM SIZE	ITEM NUMBER
10.0	123108-10.0
10.1	123108-10.1
10.2	123108-10.2
10.3	123108-10.3
10.4	123108-10.4
10.5	123108-10.5
10.6	123108-10.6
10.7	123108-10.7
10.8	123108-10.8
10.9	123108-10.9
11.0	123108-11.0
11.1	123108-11.1
11.2	123108-11.2
11.3	123108-11.3
11.4	123108-11.4
11.5	123108-11.5
11.6	123108-11.6
11.7	123108-11.7
11.8	123108-11.8
11.9	123108-11.9
12.0	12108-12.0
13.6	123108-13.6
15.7	123108-15.7
15.9	123108-15.9
17.8	123108-17.8
18.3	123108-18.3

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KOMAX KAPPA 310 MACHINE SERIES

TANGENT RADIUS “V” CUT / STRIP BLADES CLASS: TA-V

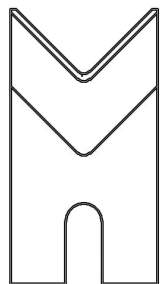
TANGENT RADIUS “V” CUT / STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



124485-XX

DIAMM SIZE	ITEM NUMBER	DESCRIPTION
0.20	124485-8	TA-V CUT/STRIP BLADE
0.50	124485-9	TA-V CUT/STRIP BLADE
0.80	124485-10	TA-V CUT/STRIP BLADE
1.00	124485-2	TA-V CUT/STRIP BLADE
1.40	124485-1	TA-V CUT/STRIP BLADE
2.00	124485-3	TA-V CUT/STRIP BLADE
3.00	124485-4	TA-V CUT/STRIP BLADE
4.00	124485-5	TA-V CUT/STRIP BLADE
5.00	124485-6	TA-V CUT/STRIP BLADE
6.00	124485-7	TA-V CUT/STRIP BLADE

KOMAX KAPPA 310 MACHINE SERIES

TRU-RADIUS "V" STRIP BLADES CLASS: TR-V

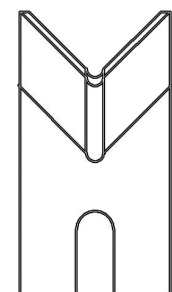
TRU-RADIUS CUT / STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



124838-XX

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
0.50	124838-0.50	TR-V CUT/STRIP BLADE
0.60	124838-0.60	TR-V CUT/STRIP BLADE
0.70	124838-0.70	TR-V CUT/STRIP BLADE
0.75	124838-0.75	TR-V CUT/STRIP BLADE
0.90	124838-0.90	TR-V CUT/STRIP BLADE
1.00	124838-1.00	TR-V CUT/STRIP BLADE
1.40	124838-1.40	TR-V CUT/STRIP BLADE
1.70	124838-1.70	TR-V CUT/STRIP BLADE
2.50	124838-2.50	TR-V CUT/STRIP BLADE
2.70	124838-2.70	TR-V CUT/STRIP BLADE
3.30	124838-3.30	TR-V CUT/STRIP BLADE
3.70	124838-3.70	TR-V CUT / SRIP BLADE

KOMAX KAPPA 350 MACHINE SERIES

UNIVERSAL CUT / STRIP BLADES CLASS: UN-V

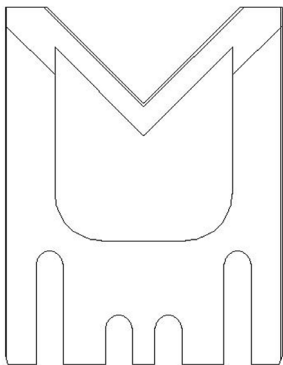


UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -



124490

OEM #	ITEM NUMBER	DESCRIPTION
-----	124490	TA-V CUT / STRIP
0300569	124490 TC	TA-V CUT / STRIP

KOMAX KAPPA 350 MACHINE SERIES

UNIVERSAL CUT / STRIP BLADES CLASS: TR-V

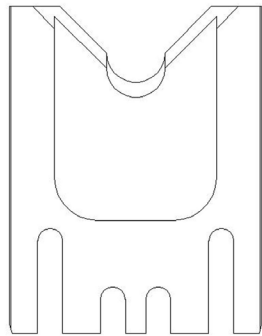
TRU-RADIUS CUT / STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



124598-XX

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
2.40	124598-2.40	TR-V CUT / STRIP
2.90	124598-2.90	TR-V CUT / STRIP
3.30	124598-3.30	TR-V CUT / STRIP
3.50	124598-3.50	TR-V CUT / STRIP
3.80	124598-3.80	TR-V CUT / STRIP
4.00	124598-4.00	TR-V CUT / STRIP
4.20	124598-4.20	TR-V CUT / STRIP
4.70	124598-4.70	TR-V CUT / STRIP
4.90	124598-4.90	TR-V CUT / STRIP
5.00	124598-5.00	TR-V CUT / STRIP
5.30	124598-5.30	TR-V CUT / STRIP
5.20	124598-5.20	TR-V CUT / STRIP
5.70	124598-5.70	TR-V CUT / STRIP
5.80	124598-5.80	TR-V CUT / STRIP

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
6.00	124598-6.00	TR-V CUT / STRIP
6.20	124598-6.20	TR-V CUT / STRIP
6.40	124598-6.40	TR-V CUT / STRIP
6.50	124598-6.50	TR-V CUT / STRIP
6.70	124598-6.70	TR-V CUT / STRIP
6.90	124598-6.90	TR-V CUT / STRIP
7.00	124598-7.00	TR-V CUT / STRIP
7.60	124598-7.60	TR-V CUT / STRIP
7.70	124598-7.70	TR-V CUT / STRIP
8.00	124598-8.00	TR-V CUT / STRIP
8.20	124598-8.20	TR-V CUT / STRIP
8.50	124598-8.50	TR-V CUT / STRIP
8.70	124598-8.70	TR-V CUT / STRIP
9.00	124598-9.00	TR-V CUT / STRIP

KOMAX KAPPA 350 MACHINE SERIES

TRU-RADIUS "V" STRIP BLADES CLASS: TR-V

- ADDITIONAL PART NUMBER'S ON SUCCEEDING PAGE -

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KOMAX KAPPA 350 MACHINE SERIES

UNIVERSAL CUT / STRIP BLADES CLASS: TR-V

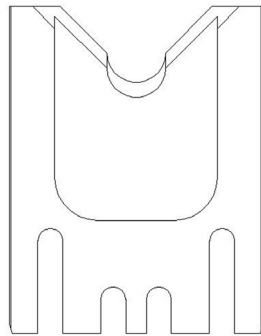
TRU-RADIUS CUT / STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



124598-XX

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
9.30	124598-9.30	TR-V CUT / STRIP
9.70	124598-9.70	TR-V CUT / STRIP
10.00	124598-10.00	TR-V CUT / STRIP
10.50	124598-10.50	TR-V CUT / STRIP
11.00	124598-11.00	TR-V CUT / STRIP
12.00	124598-12.00	TR-V CUT / STRIP
13.00	124598-13.00	TR-V CUT / STRIP
13.20	124598-13.20	TR-V CUT / STRIP
14.00	124598-14.00	TR-V CUT / STRIP
14.40	124598-14.40	TR-V CUT / STRIP
15.00	124598-15.00	TR-V CUT / STRIP
16.00	124598-16.00	TR-V CUT / STRIP
16.60	124598-16.60	TR-V CUT / STRIP
17.00	124598-17.00	TR-V CUT / STRIP
17.80	124598-17.80	TR-V CUT / STRIP
18.00	124598-18.00	TR-V CUT / STRIP
19.00	124598-19.00	TR-V CUT / STRIP
20.00	124598-20.00	TR-V CUT / STRIP

KOMAX KAPPA 350 MACHINE SERIES

TANGENT RADIUS “V” CUT / STRIP BLADES CLASS: TA-V

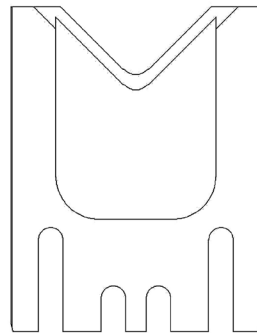
TANGENT RADIUS "V" CUT/STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



124720-XX

DIA MM SIZE	OEM #	ITEM NUMBER	DESCRIPTION
2.00	0320262	124720-2.00	TA-V CUT / STRIP
4.00	0303732	124720-4.00	TA-V CUT / STRIP
6.00	0303733	124720-6.00	TA-V CUT / STRIP
8.00	0303734	124720-8.00	TA-V CUT / STRIP
10.00	0303735	124720-10.00	TA-V CUT / STRIP
11.00	-----	124720-11.00	TA-V CUT STRIP
12.00	0303736	124720-12.00	TA-V CUT / STRIP
13.00	-----	124720-13.00	TA-V CUT / STRIP
14.00	0303737	124720-14.00	TA-V CUT / STRIP
16.00	0303738	124720-16.00	TA-V CUT / STRIP
18.00	0303739	124720-18.00	TA-V CUT / STRIP
20.00	0303740	124720-20.00	TA-V CUT / STRIP

KOMAX GAMMA 255 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V

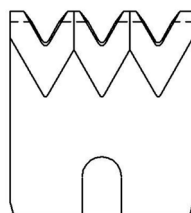
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire sizes with the same blade, or you could compensate for off-center wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



123727-XX

DIA MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
0.14	123727-3	0065331	3V TA-V STRIP
0.2	123727-4	0065332	3V TA-V STRIP
0.3	123727-10	0081843	3V TA-V STRIP
0.5	123727-1	0065333	3V TA-V STRIP
0.7	123727-5	0325101	3V TA-V STRIP
1.0	123727-2	0065334	3V TA-V STRIP
1.25	123727-14	-----	3V TA-V STRIP
1.4	123727-11	-----	3V TA-V STRIP
1.3	123727-13	-----	3V TA-V STRIP
1.5	123727-6	0065335	3V TA-V STRIP
2.0	123727-7	0065336	3V TA-V STRIP
2.5	123727-12	-----	3V TA-V STRIP
3.0	123727-8	0320825	3V TA-V STRIP
4.0	123727-9	0320826	3V TA-V STRIP

KOMAX GAMMA 255 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V

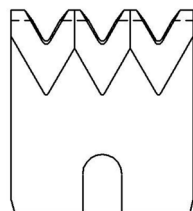
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire sizes with the same blade, or you could compensate for off-center wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



124748-X

MARK	ITEM NUMBER	OEM #	DESCRIPTION
1.00 / 0.10 / 1.00	124748-1	0332046	3V TA-V STRIP
1.50 / 0.10 / 1.50	124748-2	0332049	3V TA-V STRIP
2.00 / 0.10 / 2.00	124748-7	0332050	3V TA-V STRIP
0.25 / 0.10 / 0.25	124748-6	0331835	3V TA-V STRIP
0.35 / 0.10 / 0.35	124748-3	0332691	3V TA-V STRIP
0.50 / 0.10 / 0.50	124748-4	0332037	3V TA-V STRIP
0.75 / 0.10 / 0.75	124748-5	0332044	3V TA-V STRIP

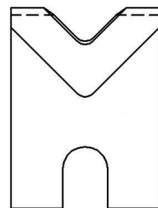
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- Uncoated Blades Available -



122356-XX

ITEM NUMBER	OEM #	DESCRIPTION	CLASS
122356-6 BLT	-----	0.1 RADIUS	TA-V
122356-6 TC	030299	0.1 RADIUS	TA-V
122356-1 TC	033958	0.5 RADIUS	TA-V
122356-1 BLT	041395	0.5 RADIUS	TA-V
122356-3 TC	033959	0.75 RADIUS	TA-V
122356-3 BLT	041396	0.75 RADIUS	TA-V
122356-4 TC	033960	1.0 RADIUS	TA-V
122356-4 BLT	041397	1.0 RADIUS	TA-V
122356-8 TC	-----	1.2 RADIUS	TA-V
122356-8 BLT	-----	1.2 RADIUS	TA-V
122356-2 TC	033961	1.5 RADIUS	TA-V
122356-2 BLT	041398	1.5 RADIUS	TA-V
122356-5 TC	033962	2.0 RADIUS	TA-V
122356-5 BLT	041399	2.0 RADIUS	TA-V
122356-7 TC	-----	3.3 RADIUS	TA-V
122356-7 BLT	-----	3.3 RADIUS	TA-V

KOMAX GAMMA 333 MACHINE SERIES

TRU-RADIUS “V” STRIP BLADES CLASS: TR-V

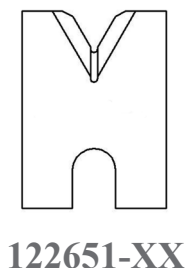
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



ITEM NUMBER	MARK	DESCRIPTION
122651-016	0.4	TR-V STRIP
122651-020	0.5	TR-V STRIP
122651-024	0.6	TR-V STRIP
122651-028	0.7	TR-V STRIP
122651-031	0.8	TR-V STRIP
122651-033	0.85	TR-V STRIP
122651-035	0.9	TR-V STRIP
122651-039	1.0	TR-V STRIP
122651-043	1.1	TR-V STRIP
122651-047	1.2	TR-V STRIP
122651-051	1.3	TR-V STRIP
122651-055	1.4	TR-V STRIP
122651-059	1.5	TR-V STRIP

ITEM NUMBER	MARK	DESCRIPTION
122651-063	1.6	TR-V STRIP
122651-067	1.7	TR-V STRIP
122651-075	1.9	TR-V STRIP
122651-078	2.0	TR-V STRIP
122651-083	2.1	TR-V STRIP
122651-087	2.2	TR-V STRIP
122651-095	2.4	TR-V STRIP
122651-102	2.6	TR-V STRIP
122651-106	2.7	TR-V STRIP
122651-118	3.0	TR-V STRIP
122651-126	3.2	TR-V STRIP
122651-140	3.6	TR-V STRIP
122651-146	3.7	TR-V STRIP
122651-165	4.2	TR-V STRIP
122651-197	5.0	TR-V STRIP

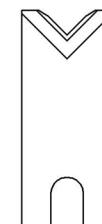
KOMAX GAMMA 311 / 333 & ALPHA 411 / 421 / 422 / 432

CUT & REJECT BLADES

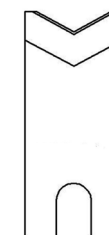
ITEM NUMBER	OEM #	DESCRIPTION	CLASS
122357 TC	037943	UPPER REJECT TERM	WE-A
122241 TC	030297	CUT UPPER	TA-V
122242 TC	034645	CUT BOTTOM	TA-V
122243 TC	-----	TOP MKI CUTOFF	TA-V
122546 TC	041595	CUT TOP	UN-V
122547 TC	041596	CUT BOTTOM BY-M	UN-V
122460 TC	037862	BOTTOM REJECT TERM	WE-A
122821 TC	041597	CUT TOP REJECT TERM	UN-V
122821 BLT	041558	CUT TOP REJECT TERM	UN-V
122912 TC	-----	CUT TOP	UN-V
122912 BLT	041556	CUT TOP	UN-V
122913 TC	-----	CUT BOTTOM BY-M	UN-V
122913 BLT	041557	CUT BOTTOM BY-M	UN-V
122240 TC	040966	CUT / STRIP (VT1A)	TA-V
122826-1 TC	-----	20 DEG BY-M	UN-V
122826-2 TC	-----	30 DEG BY-M	UN-V



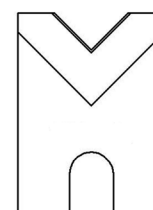
122912



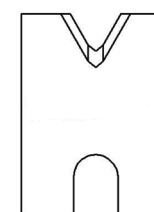
122546



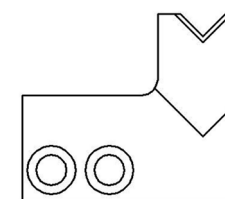
122241



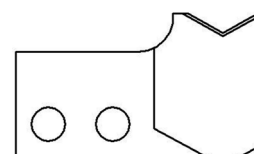
122240



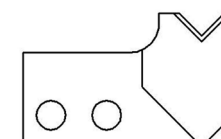
122826-XX



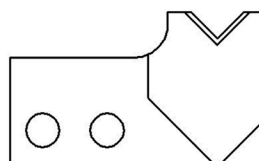
122821



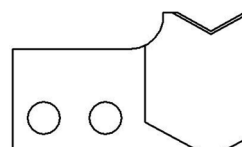
122243



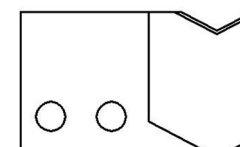
122547



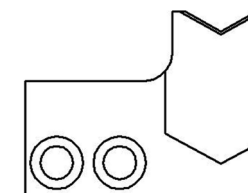
122913



122460



122242



122357

- Uncoated Blades Available -

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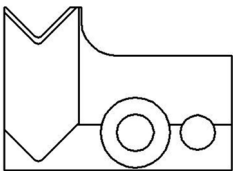
• EMAIL: BLADES@LAKESPRECISION.COM •

UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -



123191

ITEM NUMBER	OEM #	DESCRIPTION
123191	047636	LOWER UN-V CUT-OFF

KOMAX ALPHA 433-S MACHINE SERIES

TANGENT RADIUS & UNIVERSAL STRIP BLADES CLASS: TA-V / UN-V

TANGENT RADIUS / UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

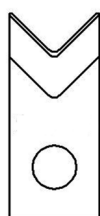
Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most standard wall insulations but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.



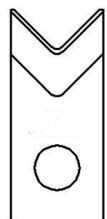
122800



122669



122802



122674

DIA MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
0.2	122800 TC	048492	0.1 RADIUS
0.6	123392-4 TC	0335772	0.3 RADIUS
0.7	123392-3 TC	800006	0.35 RADIUS
0.8	123392-5 TC	-----	0.4 RADIUS
1.0	122669 TC	045592	0.5 RADIUS
1.2	123392-2 TC	-----	0.6 RADIUS
1.5	122802 TC	045588	0.75 RADIUS
2.0	122674 TC	045589	1.0 RADIUS
2.2	123392-1 TC	-----	1.1 RADIUS
3.0	122668 TC	045590	1.5 RADIUS
4.0	122799 TC	045591	2.0 RADIUS
5.0	123372 TC	062222	2.5 RADIUS
----	122889 TC	-----	UN-V STRIP



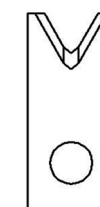
122668



122799



123372



122889

KOMAX ALPHA 433-S MACHINE SERIES

TRU-RADIUS STRIP BLADES CLASS: TR-V

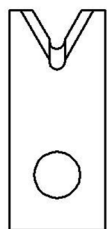
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123088

ITEM NUMBER	DIA INCH SIZE	DESCRIPTION
123088-020	.020	TR-V STRIP
123088-024	.024	TR-V STRIP
123088-028	.028	TR-V STRIP
123088-030	.030	TR-V STRIP
123088-032	.032	TR-V STRIP
123088-034	.034	TR-V STRIP
123088-036	.036	TR-V STRIP
123088-039	.039	TR-V STRIP
123088-043	.043	TR-V STRIP
123088-047	.047	TR-V STRIP
123088-051	.051	TR-V STRIP
123088-055	.055	TR-V STRIP
123088-059	.059	TR-V STRIP
123088-063	.063	TR-V STRIP
123088-067	.067	TR-V STRIP
123088-069	.069	TR-V STRIP

ITEM NUMBER	DIA INCH SIZE	DESCRIPTION
123088-078	.078	TR-V STRIP
123088-087	.087	TR-V STRIP
123088-096	.096	TR-V STRIP
123088-098	.098	TR-V STRIP
123088-102	.102	TR-V STRIP
123088-106	.106	TR-V STRIP
123088-112	.112	TR-V STRIP
123088-118	.118	TR-V STRIP
123088-130	.130	TR-V STRIP
123088-134	.134	TR-V STRIP
123088-140	.140	TR-V STRIP
123088-152	.152	TR-V STRIP
123088-158	.158	TR-V STRIP
123088-175	.175	TR-V STRIP
123088-185	.185	TR-V STRIP
123088-212	.212	TR-V STRIP

COLLINEAR RADIUS TYPE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

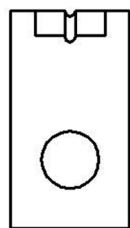
Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

Choosing the correct part number

When choosing the correct size, the blade diameter chosen should be 0.1 mm to 0.15 mm larger than the measured conductor size. If Titanium Nitride coating is desired, add "TC" to the end of the part number.

- TC Coating Available -



123773-XX

DIA MM SIZE	ITEM NUMBER
0.50	123773-0.50
0.60	123773-0.60
0.70	123773-0.70
0.75	123773-0.75
0.80	123773-0.80
0.90	123773-0.90
1.00	123773-1.00
1.10	123773-1.10
1.15	123773-1.15
1.20	123773-1.20
1.30	123773-1.30
1.40	123773-1.40
1.50	123773-1.50

DIA MM SIZE	ITEM NUMBER
1.62	123773-1.62
1.65	123773-1.65
1.70	123773-1.70
1.85	123773-1.85
1.90	123773-1.90
2.00	123773-2.00
2.10	123773-2.10
2.20	123773-2.20
2.70	123773-2.70
2.80	123773-2.80
2.90	123773-2.90
3.10	123773-3.10
3.20	123773-3.20
3.40	123773-3.40

KOMAX ALPHA 433-S MACHINE SERIES

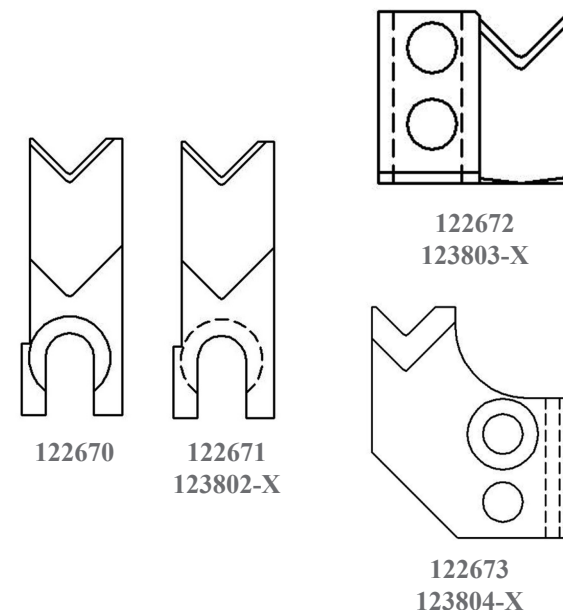
CUT & REJECT BLADES



CUT & REJECT BLADES

ITEM NUMBER	OEM #	DESCRIPTION
122670 TC	047954	CUT 0.5 REJECT
122671 TC	045593	CUT BLADE
122672 TC	045603	0.5 CUT BOTTOM
122673 TC	045598	CUT BTM BAD WR
123802-1 TC	045594	0.75 TOP CUT
123802-2 TC	045595	1.0 TOP CUT
123802-3 TC	045596	1.5 TOP CUT

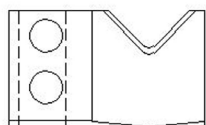
ITEM NUMBER	OEM #	DESCRIPTION
123802-4 TC	045597	2.0 TOP CUT
123803-1 TC	045604	0.75 BTM CUT
123803-2 TC	045605	1.0 BTM CUT
123803-3 TC	045606	1.5 BTM CUT
123803-4 TC	045607	2.0 BTM CUT
123804-1 TC	045599	0.75 BTM BAD WR
123804-2 TC	045600	1.0 BTM BAD WR



- Uncoated Blades Available -

KOMAX ALPHA 433-S MACHINE SERIES

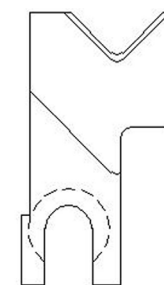
ALPHA BOTTOM CUT & ALPHA TOP CUT



124294

OEM# 0314802
BOTTOM

ITEM NUMBER	DESCRIPTION
124294-1	TC COATED M2 TOOL STEEL
124294-2	TC COATED CARBIDE
124295-1	TC COATED M2 TOOL STEEL
124295-2	TC COATED CARBIDE



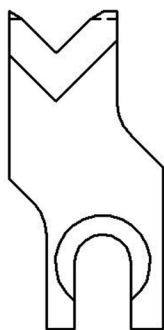
124295
OEM# 0314799
TOP

• THREE LAKES, WI (715) 546-3070 • **CONTACT LAKES PRECISION** • EL PASO, TX (915) 856-6606 •

• EMAIL: BLADES@LAKESPRECISION.COM •

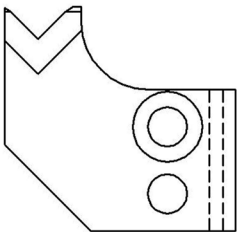
KOMAX ALPHA 433-H MACHINE SERIES

CUT BLADES



123882

ITEM NUMBER	OEM #	DESCRIPTION
123882	0059076	90 DEGREE CUT
123883	0059077	90 DEGREE CUT



123883

KOMAX ALPHA 477 MACHINE SERIES

UNIVERSAL CUT-OFF BLADES CLASS: UN-V

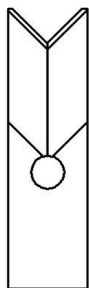


UNIVERSAL CUT-OFF BLADES

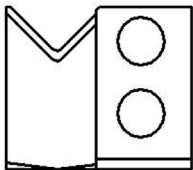
The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

-TC Coating Available -



123117



123109

ITEM NUMBER	OEM #	DESCRIPTION
123109	048875	CUT BLADE
123117	048876	LOWER CUT BLADE

KOMAX ALPHA 488 MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES CLASS: CL-R

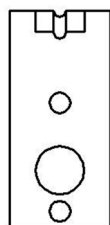
COLLINEAR RADIUS TYPE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123210

DIA MM SIZE	ITEM NUMBER
0.4	123210-1
0.5	123210-2
0.6	123210-3
0.7	123210-4
0.8	123210-5
0.9	123210-6
1.0	123210-7
1.1	133210-8
1.2	123210-9
1.3	123210-10
1.4	123210-11
1.5	123210-12
1.55	123210-54

DIA MM SIZE	ITEM NUMBER
1.6	123210-13
1.7	123210-14
1.8	123210-15
1.9	123210-16
2.0	123210-17
2.1	123210-18
2.2	123210-19
2.3	123210-20
2.4	123210-21
2.5	123210-22
2.6	123210-23
2.7	123210-24
2.8	123210-25

DIA MM SIZE	ITEM NUMBER
2.9	123210-26
3.0	123210-27
3.1	123210-28
3.2	123210-29
3.3	123210-30
3.4	123210-31
3.5	123210-32
3.6	123210-33
3.7	123210-34
3.8	123210-35
3.9	123210-36
4.0	123210-37
4.1	123210-38

DIA MM SIZE	ITEM NUMBER
4.2	123210-39
4.3	123210-40
4.4	123210-41
4.5	123210-42
4.6	123210-43
4.7	123210-44
4.8	123210-45
4.9	123210-46
5.0	123210-47
5.1	123210-48
5.2	123210-49
5.3	123210-50
5.4	123210-51
5.5	123210-52
5.6	123210-53

KOMAX ALPHA 488 MACHINE SERIES

COLLINEAR ANGLE CUT-OFF BLADES CLASS: CL-A

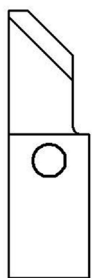


COLLINEAR ANGLE CUT-OFF BLADES

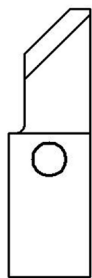
Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -



123211



123212

ITEM NUMBER	OEM #	DESCRIPTION
123211	0056026	CL-A CUT BLADE
123212	0056029	CL-A CUT BLADE

KOMAX ZETA 633 / 655 MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES CLASS: CL-R



COLLINEAR RADIUS TYPE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

Choosing the correct part number

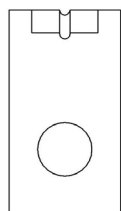
When choosing the correct size, the blade diameter chosen should be 0.1 mm to 0.15 mm larger than the measured conductor size. If Titanium Nitride coating is desired, add "TC" to the end of the part number.

Example;

123773-1.20 = 1.20 mm Diameter Non-Coated

123773-1.20 TC = 1.20 mm Diameter Titanium Coated

- TC Coating Available -



123773-XX

DIA MM SIZE	OEM #	ITEM NUMBER
0.4	-----	123773-0.40
0.50	0059136	123773-0.50
0.60	0059137	123773-0.60
0.70	0059138	123773-0.70
0.75	-----	123773-0.75
0.80	0059139	123773-0.80
0.90	0059140	123773-0.90
1.00	0059141	123773-1.00
1.10	0059142	123773-1.10
1.15	-----	123773-1.15
1.20	0059143	123773-1.20
1.30	0059144	123773-1.30
1.40	0059145	123773-1.40
1.50	0059146	123773-1.50

DIA MM SIZE	OEM #	ITEM NUMBER
1.62	-----	123773-1.62
1.65	-----	123773-1.65
1.70	-----	123773-1.70
1.90	0059150	123773-1.90
2.00	0059151	123773-2.00
2.10	0059152	123773-2.10
2.20	0059153	123773-2.20
2.40	0059142	123773-2.40
2.70	0059158	123773-2.70
2.80	0059159	123773-2.80
2.90	0059160	123773-2.90
3.10	0059162	123773-3.10
3.20	0059163	123773-3.20
3.40	0059165	123773-3.40

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COLLINEAR RADIUS TYPE

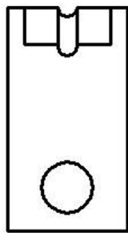
The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- For a specific blade size or application, contact Lakes Precision, Inc. -

- *TC Coating Available* -



123039-XX

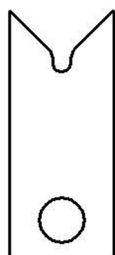
DIA MM SIZE	OEM #	ITEM NUMBER
0.6	-----	123039-3
0.7	-----	123039-4
0.8	0054991	123039-2
0.9	-----	123039-5
1.0	0048334	123039-6
1.1	0051075	123039-7
1.2	-----	123039-8
1.3	-----	123039-1
1.4	-----	123039-9
1.5	-----	123039-10
1.6	-----	123039-11

DIA MM SIZE	OEM #	ITEM NUMBER
1.7	-----	123039-12
1.8	-----	123039-13
1.9	-----	123039-14
2.0	-----	123039-15
2.1	-----	123039-16
2.2	-----	123039-17
2.3	-----	123039-18
2.4	-----	123039-19
2.5	-----	123039-20
1.05	-----	123039-21
1.15	-----	123039-22
1.25	-----	123039-23

WIRE GUIDE

Wire guides are used in conjunction with collinear radius strip blades to precisely guide the conductor into the strip area of the blade. This will help prevent the conductor from coming in contact with the cutting edges of the strip blades, preventing premature strip blade wear.

- SEND WIRE SAMPLES TO LAKES PRECISION, INC.



123096

ITEM NUMBER	DIA MM SIZE	DESCRIPTION
123096-2	1.0	DIE TYPE WIRE GUIDE
123096-4	1.2	DIE TYPE WIRE GUIDE
123096-5	1.3	DIE TYPE WIRE GUIDE
123096-1	1.4	DIE TYPE WIRE GUIDE
123096-6	1.5	DIE TYPE WIRE GUIDE
123096-7	1.6	DIE TYPE WIRE GUIDE
123096-8	1.7	DIE TYPE WIRE GUIDE
123096-9	1.8	DIE TYPE WIRE GUIDE
123096-10	1.9	DIE TYPE WIRE GUIDE
123096-11	2.0	DIE TYPE WIRE GUIDE

ITEM NUMBER	DIA MM SIZE	DESCRIPTION
123096-12	2.1	DIE TYPE WIRE GUIDE
123096-13	2.2	DIE TYPE WIRE GUIDE
123096-14	2.3	DIE TYPE WIRE GUIDE
123096-15	2.4	DIE TYPE WIRE GUIDE
123096-16	2.5	DIE TYPE WIRE GUIDE
123096-17	2.6	DIE TYPE WIRE GUIDE
123096-18	2.7	DIE TYPE WIRE GUIDE
123096-19	2.8	DIE TYPE WIRE GUIDE
123096-20	2.9	DIE TYPE WIRE GUIDE
123096-21	3.0	DIE TYPE WIRE GUIDE

KOMAX BT 700 MACHINE SERIES

WIDE ENTRY ANGLE & TANGENT ANGLE “V” STRIP BLADES CLASS: WE-A / TA-V



TANGENT RADIUS “V” CUT / STRIP BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -



123240-XX

DIA MM SIZE	ITEM NUMBER	MARK	DECRPTION
0.5	123240-1	0048619	WE-A / TA-V CUT-OFF

KOMAX BT 721 MACHINE SERIES

UNIVERSAL STRIP BLADES CLASS: UN-V

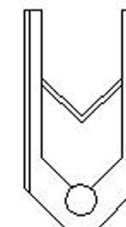
UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -

RADIUS MM SIZE	ITEM NUMBER	OEM #
0.1	124097-0.1	0083731
0.5	124097-0.5	0064852
0.75	124097-0.75	0083735
1.0	124097-1.0	0083732
1.5	124097-1.5	0083733
2.0	124097-2.0	0083734



124097

TRU-RADIUS STRIP BLADE

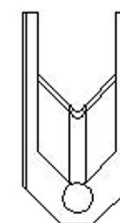
The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -

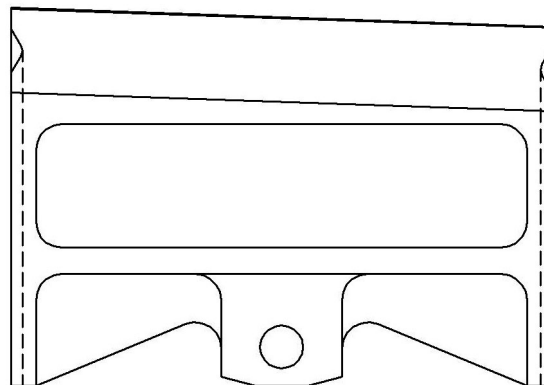
DIA MM SIZE	ITEM NUMBER
0.4	124497-0.4
1.0	124497-1.0
1.5	124497-1.5
2.0	124497-2.0
2.3	124497-2.3



124497

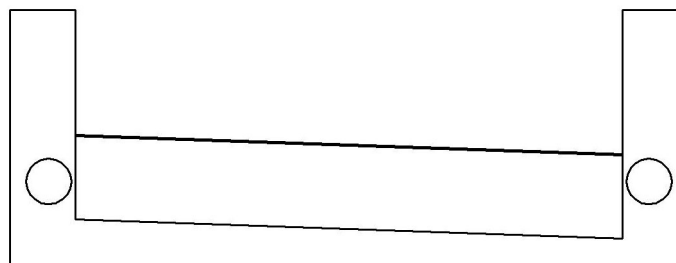
KOMAX MG 711 MACHINE SERIES

TERMINAL STRIP CUTTER



123915

OEM # 0051327



123961

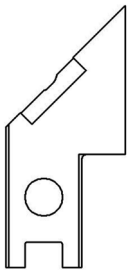
OEM # 0051328

UNIVERSAL STRIP BLADES

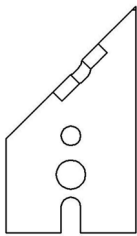
The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



123009



123114

ITEM NUMBER	OEM #	DECRPTION
123009	-----	UNIVERSAL STRIP
123114	BZDB55001A	UNIVERSAL STRIP

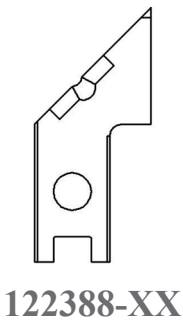
KOMAX ARA MACHINE SERIES

ARA STRIP BLADE



- FOR ALTERNATIVE SIZES, PLEASE SEND WIRE SAMPLES TO LAKES PRECISION, INC.

- *TC Coating Available* -



DIA MM SIZE	ITEM NUMBER	DECRPTION
0.65	122388-3	ARA STRIP BLADE
0.8	122388-5	ARA STRIP BLADE
0.9	122388-4	ARA STRIP BLADE
1.3	122388-9	ARA STRIP BLADE
1.4	122388-10	ARA STRIP BLADE
1.8	122388-14	ARA STRIP BLADE

KOMAX ARA MACHINE SERIES

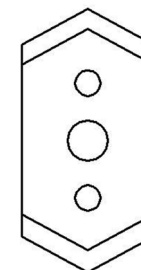
SLITTING BLADE & COLLINEAR ANGLE RECUT TAPE BLADE CLASS: CL-A

SLITTING BLADE

- FOR MORE INFORMATION ABOUT THESE BLADES,
PLEASE CONTACT LAKES PRECISION, INC.

- *TC Coating Available* -

ITEM NUMBER	OEM #	DESCRIPTION
122725	SEBA01032D	SLITTING BLADE



122725

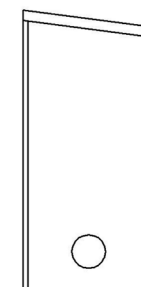
COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- *TC Coating Available* -

ITEM NUMBER	OEM #	DESCRIPTION
123110	RBLB01004A	CL-A RECUT BLADE



123110

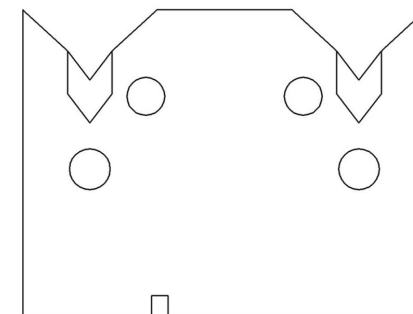
CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
122583	CRLA01005G	CUT-OFF



122583

COLLINEAR ANGLE CUT-OFF BLADES

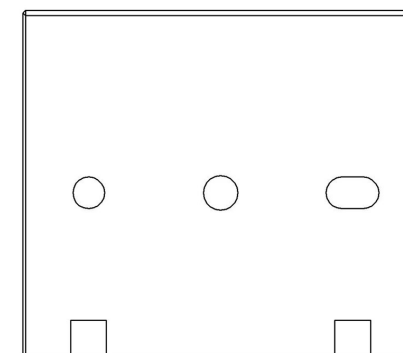
Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- SEND WIRE SAMPLES TO LAKES PRECISION, INC.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
122587	CRLA01004G	CUT-OFF



122587



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KORMACK MACHINE SERIES

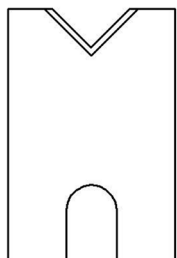
THIS SECTION CONTAINS BLADES FOR KORMACK MACHINE SERIES

Your Global Source for Wire Processing Perishable Tooling

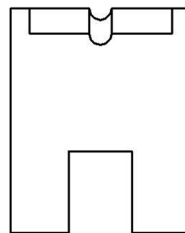
www.lakesprecision.com

KORMACK MACHINE SERIES

STRIP & CUT-OFF BLADES CLASS: UN-V



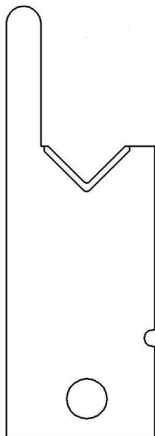
122549
UN-V CUT-OFF



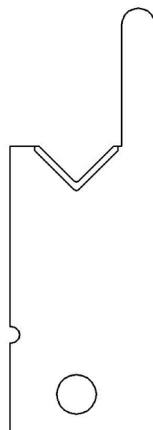
122552-XX
DIE BLADE



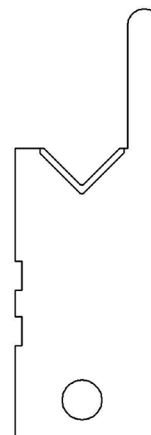
122754
ROTARY STRIP



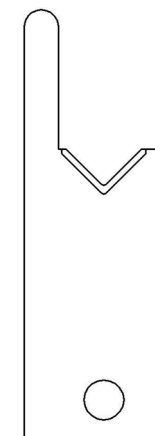
122685
UN-V CUT-OFF
1TT



122876
UN-V STRIP
1TR



122901
UN-V STRIP
2TR



122902
UN-V CUT-OFF
2TT

FOR ADDITIONAL INFORMATION ON
KORMACK BLADES, PLEASE CONTACT LAKES PRECISION, INC.

- TC Coating Available -

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MAIER MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR MAIER MACHINE SERIES

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TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



123432-X

SIZE	MARK	ITEM NUMBER
CL	CL	123432-25
CLA	CLA	123432-26
V-012S	V-012S	123432-21
V-012L	V-012L	123432-22
V-022S	V-022S	123432-19
V-022L	V-022L	123432-20
V-034S	V-32	123432-1
V-034L	V-32L	123432-2
V-042S	V-364	123432-3
V-042L	V-364L	123432-4
V-052S	V-052S	123432-5
V-052L	V-052L	123432-6
V-062S	V-16	123432-7
V-062L	V-16L	123432-8

SIZE	MARK	ITEM NUMBER
V-076S	V-564	123432-9
V-076L	V-564L	123432-10
V-096S	V-332	123432-11
V-096L	V-332L	123432-12
V-112S	V-8	123432-13
V-112L	V-8L	123432-14
V-172A	V-316	123432-15
V-172L	V-316L	123432-16
V-172S	V-316S	123432-28
V-222A	V-732A	123432-17
V-222L	V-732L	123432-18
V-250A	V-4A	123432-23
V-250L	V-4L	123432-24
V-250S	V-4S	123432-27

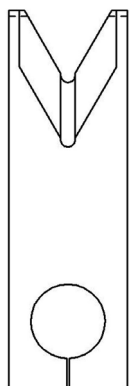
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size

- TC Coating Available -



123437-X

ITEM NUMBER	MARK	DESCRIPTION
123437-21	TRV-022S	TR-V STRIP
123437-22	TRV-022L	TR-V STRIP
123437-17	TRV-052S	TR-V STRIP
123437-18	TRV-052L	TR-V STRIP
123437-11	TRV-078S	TR-V STRIP
123437-12	TRV-078L	TR-V STRIP
123437-13	TRV-094S	TR-V STRIP
123437-14	TRV-094L	TR-V STRIP
123437-19	TRV-120S	TR-V STRIP
123437-20	TRV-120L	TR-V STRIP
123437-23	TRV-190A	TR-V STRIP
123437-24	TRV-190L	TR-V STRIP
123437-25	TRV-190S	TR-V STRIP

ITEM NUMBER	MARK	DESCRIPTION
123437-15	TRV-130S	TR-V STRIP
123437-16	TRV-130L	TR-V STRIP
123437-1	TRV-250A	TR-V STRIP
123437-2	TRV-250L	TR-V STRIP
123437-3	TRV-275A	TR-V STRIP
123437-4	TRV-275L	TR-V STRIP
123437-5	TRV-300A	TR-V STRIP
123437-6	TRV-300L	TR-V STRIP
123437-7	TRV-325A	TR-V STRIP
123437-8	TRV-325L	TR-V STRIP
123437-9	TRV-340A	TR-V STRIP
123437-10	TRV-340L	TR-V STRIP

MAIER MACHINE SERIES

WIDE ENTRY ANGLE / TRU-RADIUS “V” BLADES CLASS: WE-A / TR-V

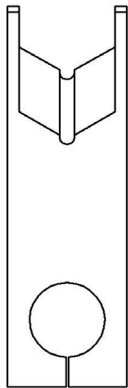


WIDE ENTRY ANGLE

The sharp edge is ground at an angle that results in a “V” opening above 90 degrees.

Characteristics: Wide angle is not as effective for gathering wire towards the operating radius. This type works well for gathering thick, soft insulations, (such as ignition wire).

- TC Coating Available -



123476-X

ITEM NUMBER	MARK	ENTRY ANGLE	DESCRIPTION
123476-1	WE-TRV-078S	120	WE-A / TR-V STRIP
123476-2	WE-TRV-078L	120	WE-A / TR-V STRIP



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MAKFIL MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR THE FOLLOWING MACHINE SERIES:

□ TS-200

□ LA PRIMA MODEL MACHINE SERIES

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MAKFIL TS-200 MACHINE SERIES

COLLINEAR ANGLE CUT-OFF BLADES CLASS: CL-A

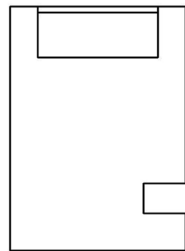


COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a collinear angle

Characteristics: Sharp edges cut by compression. This class of blade was designed to allow positive control of cutter head closure. It also allows precision processing of specific wire sizes with an inherent blade longevity. This type of blade is used with collinear radius strip blades.

- TC Coating Available -



122492

ITEM NUMBER	OEM #	DESCRIPTION
122492	1470	CL-R NON-CARBIDE BLADE

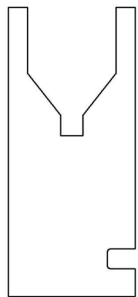
MAKFIL TS-200 MACHINE SERIES

WIRE GUIDES CLASS: WG



WIRE GUIDES

Wire guides are used in conjunction with collinear radius strip blades to precisely guide the conductor into the strip area of the blade. This will help prevent the conductor from coming in contact with the cutting edges of the strip blades, preventing premature strip blade wear.



122495-XX

SLOT MM SIZE	OEM #	ITEM NUMBER
2.3	-----	122495-66
2.6	-----	122495-65
2.8	-----	122495-62
3.0	-----	122495-58
3.2	-----	122495-59
3.4	-----	122495-60
3.6	-----	122495-61
3.7	-----	122495-63
3.8	-----	122495-1
4.0	10502600	122495-2
4.1	-----	122495-67
4.2	-----	122495-3
4.4	-----	122495-4
4.6	-----	122495-5
4.7	-----	122492-50
4.8	-----	122495-6
5.0	10502604	122495-7
5.2	-----	122495-8
5.4	-----	122495-9

SLOT MM SIZE	OEM #	ITEM NUMBER
5.5	10502606	122495-68
5.6	-----	122495-10
5.8	-----	122495-11
6.0	-----	122495-12
6.2	-----	122495-13
6.3	-----	122495-69
6.4	-----	122495-14
6.5	10502610	122495-70
6.6	-----	122495-15
6.75	10502611	122495-71
6.80	-----	122495-16
7.0	10502612	122495-17
7.2	-----	122495-18
7.24	-----	122495-52
7.4	-----	122495-19
7.6	-----	122495-20
7.7	-----	122495-64
7.75	-----	122495-72
7.8	-----	122495-21

SLOT MM SIZE	OEM #	ITEM NUMBER
8.0	10502616	122495-22
8.2	-----	122495-23
8.4	-----	122495-24
8.6	-----	122495-25
8.8	-----	122495-26
9.0	-----	122495-27
9.2	-----	122495-28
9.4	-----	122495-29
9.6	-----	122495-30
9.8	-----	122495-31
10.0	-----	122495-32
10.3	-----	122495-33
10.5	-----	122495-34
10.8	-----	122495-35
11.10	-----	122495-37
11.35	-----	122495-38
12.0	-----	122495-42
12.2	-----	122495-43
12.6	-----	122495-45
15.0		122495-57

• THREE LAKES, WI (715) 546-3070 • **CONTACT LAKES PRECISION** • EL PASO, TX (915) 856-6606 •

• EMAIL: BLADES@LAKESPRECISION.COM •

DIE TYPE BLADES

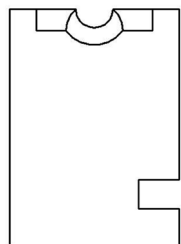
The die-type blade has a fixed shut height. The cutting edge is precisely drilled to an exact radius dimension for the conductor diameter. The insulation wall is contained in a counter-bore drilled around cutting edge.

This type of blade is the most exactly matched blade to the wire specification, giving a very precise insulation removal. This is excellent for removal of extremely thin insulation walls or where the outer jacket is oval shaped, and is also very useful for processing solid conductor insulated wire. Normally this is the blade of choice for **SJT**, **SVT**, **SJO**, coaxial cable outer jacket removal, and many round multi-conductor wires.

Die blades are manufactured to the exact wire specifications. Blades can be produced for most any wire.

- For a specific blade size or application, contact Lakes Precision, Inc.

-- *TC Coating Available* -



122493-XX

DIA MM SIZE	ITEM NUMBER	DIA MM SIZE	ITEM NUMBER	DIA MM SIZE	ITEM NUMBER	DIA MM SIZE	ITEM NUMBER	DIA MM SIZE	ITEM NUMBER
1.0	122493-1	2.8	122493-19	4.6	122493-37	6.4	122493-55	8.2	122493-73
1.1	122493-2	2.9	122493-20	4.7	122493-38	6.5	122493-56	8.3	122493-74
1.2	122493-3	3.0	122493-21	4.8	122493-39	6.6	122493-57	8.4	122493-75
1.3	122493-4	3.1	122493-22	4.9	122493-40	6.7	122493-58	8.5	122493-76
1.4	122493-5	3.2	122493-23	5.0	122493-41	6.8	122493-59	8.6	122493-77
1.5	122493-6	3.3	122493-24	5.1	122493-42	6.9	122493-60	8.7	122493-78
1.6	122493-7	3.4	122493-25	5.2	122493-43	7.0	122493-61	8.75	122493-89
1.7	122493-8	3.5	122493-26	5.3	122493-44	7.1	122493-62	8.8	122493-79
1.8	122493-9	3.6	122493-27	5.4	122493-45	7.2	122493-63	8.9	122493-80
1.9	122493-10	3.7	122493-28	5.5	122493-46	7.3	122493-64	9.0	122493-81
2.0	122493-11	3.8	122493-29	5.6	122493-47	7.4	122493-65	9.1	122493-82
2.1	122493-12	3.9	122493-30	5.7	122493-48	7.5	122493-66	9.2	122493-83
2.2	122493-13	4.0	122493-31	5.8	122493-49	7.6	122493-67	9.3	122493-84
2.3	122493-14	4.1	122493-32	5.9	122493-50	7.7	122493-68	9.7	122493-85
2.4	122493-15	4.2	122493-33	6.0	122493-51	7.8	122493-69	10.0	122493-88
2.5	122493-16	4.3	122493-34	6.1	122493-52	7.9	122493-70	10.5	122493-86
2.6	122493-17	4.4	122493-35	6.2	122493-53	8.0	122493-71	11.25	122493-87
2.7	122493-18	4.5	122493-36	6.3	122493-54	8.1	122493-72		

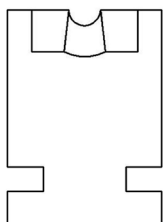
DIE TYPE BLADES

The die-type blade has a fixed shut height. The cutting edge is precisely drilled to an exact radius dimension for the conductor diameter. The insulation wall is contained in a counter-bore drilled around cutting edge.

This type of blade is the most exactly matched blade to the wire specification, giving a very precise insulation removal. This is excellent for removal of extremely thin insulation walls or where the outer jacket is oval shaped, and is also very useful for processing solid conductor insulated wire. Normally this is the blade of choice for *SJT*, *SVT*, *SJO*, coaxial cable outer jacket removal, and many round multi-conductor wires.

Die blades are manufactured to the exact wire specifications. Blades can be produced for most any wire.

- TC Coating Available -



123248

DIA MM SIZE	ITEM NUMBER
1.0	123248-1
1.1	123248-2
1.2	123248-3
1.3	123248-4
1.4	123248-5
1.5	123248-6
1.6	123248-7
1.7	123248-8
1.8	123248-9
1.9	123248-10
2.0	123248-11
2.1	123248-12
2.2	123248-13
2.3	123248-14
2.4	123248-15
2.5	123248-16

DIA MM SIZE	ITEM NUMBER
2.6	123248-17
2.7	123248-18
2.8	123248-19
2.9	123248-20
3.0	123248-21
3.1	123248-22
3.2	123248-23
3.3	123248-24
3.4	123248-25
3.5	123248-26
3.6	123248-27
3.7	123248-28
3.8	123248-29
3.9	123248-30
4.0	123248-31
4.1	123248-32

DIA MM SIZE	ITEM NUMBER
4.2	123248-33
4.3	123248-34
4.4	123248-35
4.5	123248-36
4.6	123248-37
4.7	123248-38
4.8	123248-39
4.9	123248-40
5.0	123248-41
5.1	123248-42
5.2	123248-43
5.3	123248-44
5.4	123248-45
5.5	123248-46
5.6	123248-47
5.7	123248-48

DIA MM SIZE	ITEM NUMBER
5.8	123248-49
5.9	123248-50
6.0	123248-51
6.1	123248-52
6.2	123248-53
6.3	123248-54
6.4	123248-55
6.5	123248-56
6.6	123248-57
6.7	123248-58
6.8	123248-59
6.9	123248-60
7.0	123248-61
7.1	123248-62
7.2	123248-63
7.3	123248-64

DIA MM SIZE	ITEM NUMBER
7.4	123248-65
7.5	123248-66
7.6	123248-67
7.7	123248-68
7.8	123248-6
7.9	123248-70
8.0	123248-71
8.1	123248-72
8.2	123248-73
8.3	123248-74
8.4	123248-75
8.5	123248-76
8.6	123248-77
8.7	123248-78
8.8	123248-79

MAKFIL TS-200 MACHINE SERIES

UNIVERSAL CUT-OFF BLADES CLASS: UN-V

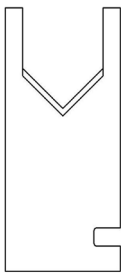


UNIVERSAL CUT-OFF BLADES

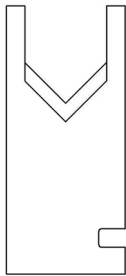
The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

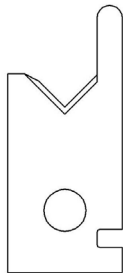
- TC Coating Available -



122959



123771



122496

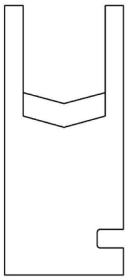
ITEM NUMBER	OEM #	DESCRIPTION
123771	-----	THICK STYLE UN-V CUT OFF
122496	2283	UN-V CUT-OFF
122959	1412	UN-V CUT-OFF

WIDE ENTRY ANGLE

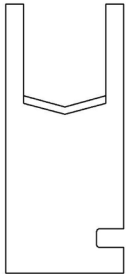
The sharp edge is ground at an angle that results in a “V” opening above 90 degrees.

Characteristics: Wide angle is not as effective for gathering wire towards the operating radius. This type works well for gathering thick, soft insulations, (such as ignition wire).

- TC Coating Available -

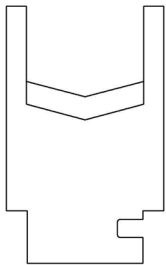


122494



122491

ITEM NUMBER	OEM #	ENTRY ANGLE	DESCRIPTION
122491	1413	150	THIN CUT-OFF
122494	10055	150	THICK CUT-OFF
122947	1471	150	WE-A CUT-OFF



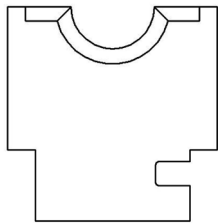
122947

DIE TYPE BLADES

The die-type blade has a fixed shut height. The cutting edge is precisely drilled to an exact radius dimension for the conductor diameter. The insulation wall is contained in a counter-bore drilled around cutting edge.

This type of blade is the most exactly matched blade to the wire specification, giving a very precise insulation removal. This is excellent for removal of extremely thin insulation walls or where the outer jacket is oval shaped, and is also very useful for processing solid conductor insulated wire. Normally this is the blade of choice for *SJT*, *SVT*, *SJO*, coaxial cable outer jacket removal, and many round multi-conductor wires. Die blades are manufactured to the exact wire specifications. Blades can be produced for most any wire.

- TC Coating Available -



123772

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
10.20	123772-10.20	DRILLED DIE BLADE
12.00	123772-12.0	DRILLED DIE BLADE

MAKFIL LA PRIMA MODEL MACHINE SERIES

TANGENT RADIUS “V” CUT / STRIP BLADES CLASS: TA-V



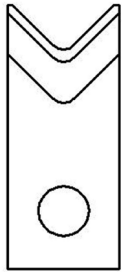
TANGENT RADIUS “V” CUT / STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



123496-XX

ITEM NUMBER	DIA MM SIZE	DESCRIPTION
123496-0.1	0.1	TA-V CUT / STRIP
123496-0.3	0.3	TA-V CUT / STRIP
123496-0.6	0.6	TA-V CUT / STRIP
123496-2.6	2.6	TA-V CUT / STRIP
123496-4.5	4.5	TA-V CUT / STRIP



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MECAL MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR MECAL PRESS MACHINE SERIES

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MECAL PRESS MACHINE SERIES

TRU-RADIUS STRIP BLADES CLASS: TR-V

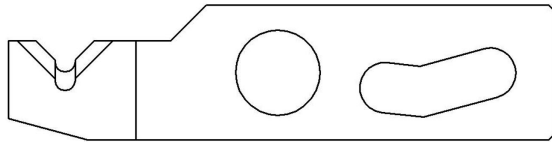
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122987-XX

ITEM NUMBER	OEM #	DESCRIPTION
122987-016	-----	TR-V STRIP
122987-028	791130014	TR-V STRIP
122987-034	-----	TR-V STRIP
122987-039	791130011	TR-V STRIP
122987-059	791130020	TR-V STRIP
122987-072	-----	TR-V STRIP
122987-079	791130015	TR-V STRIP
122987-095	-----	TR-V STRIP
122987-100	-----	TR-V STRIP
122987-112	-----	TR-V STRIP
122987-118	791130016	TR-V STRIP
122987-125	-----	TR-V STRIP
122987-157	791130017	TR-V STRIP
122987-180	-----	TR-V STRIP

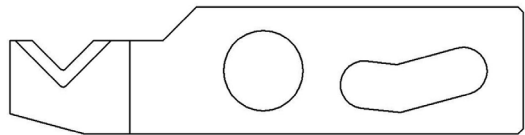
TANGENT RADIUS “V” CUT / STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



122580-XX

ITEM NUMBER	MARK	DESCRIPTION
1225801-1	R 0.15	TA-V CUT / STRIP
122580-2	R 0.5	TA-V CUT / STRIP
122580-3	R 0.75	TA-V CUT / STRIP
122580-4	R 1.0	TA-V CUT / STRIP
122580-7	R 1.2	TA-V CUT / STRIP
122580-5	R 1.5	TA-V CUT / STRIP
122580-6	R 2.0	TA-V CUT / STRIP
122580-8	R 0.35	TA-V CUT / STRIP



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METZNER MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR THE FOLLOWING MACHINE SERIES:

- ☐ AM-130 / 150
- ☐ AM-180
- ☐ ST-OB 150 / 30 / 400
- ☐ METZNER MACHINE SERIES

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METZNER AM-130 / 150 MACHINE SERIES

DRILLED DIE TYPE BLADES

DIE TYPE BLADES

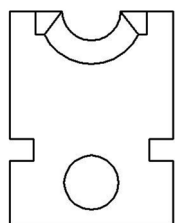
The die-type blade has a fixed shut height. The cutting edge is precisely drilled to an exact radius dimension for the conductor diameter. The insulation wall is contained in a counter-bore drilled around cutting edge.

This type of blade is the most exactly matched blade to the wire specification, giving a very precise insulation removal. This is excellent for removal of extremely thin insulation walls or where the outer jacket is oval shaped, and is also very useful for processing solid conductor insulated wire. Normally this is the blade of choice for SJT, SVT, SJO, coaxial cable outer jacket removal, and many round multi-conductor wires.

Die blades are manufactured to the exact wire specifications. Blades can be produced for most any wire.

- For a specific blade size or application, contact Lakes Precision, Inc. -

- *TC Coating Available* -



122892-XX

MARK	ITEM NUMBER
0.7	122892-1
0.8	122892-2
0.9	122892-3
1.0	122892-4
1.1	122892-5
1.2	122892-6
1.3	122892-7
1.4	122892-8
1.5	122892-9
1.6	122892-10
1.7	122892-11
1.8	122892-12
1.9	122892-13
2.0	122892-14
2.1	122892-15

MARK	ITEM NUMBER
2.2	122892-16
2.3	122892-17
2.4	122892-18
2.5	122892-19
2.6	122892-20
2.7	122892-21
2.8	122892-22
2.9	122892-23
3.0	122892-24
3.1	122892-25
3.2	122892-26
3.3	122892-27
3.4	122892-28
3.5	122892-29
3.6	122892-30

METZNER AM-130 / 150 MACHINE SERIES

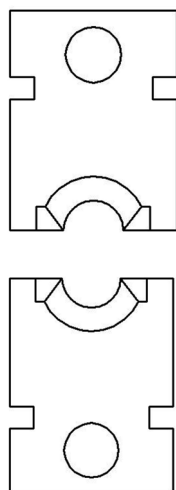
DRILLED DIE TYPE BLADES

- **ADDITIONAL PART NUMBER'S ON SUCCEEDING PAGE** -

- *THREE LAKES, WI (715) 546-3070* • **CONTACT LAKES PRECISION** • *EL PASO, TX (915) 856-6606* •
- *EMAIL: BLADES@LAKESPRECISION.COM* •

METZNER AM-130 / 150 MACHINE SERIES

DRILLED DIE TYPE BLADES ADDITIONAL PART NUMBER'S



122892-XX

MARK	ITEM NUMBER
3.7	122892-31
3.8	122892-32
3.9	122892-33
4.0	122892-34
4.1	122892-35
4.2	122892-36
4.3	122892-37
4.4	122892-38
4.5	122892-39
4.6	122892-40
4.7	122892-41
4.8	122892-42
4.9	122892-43
5.0	122892-44
5.1	122892-45
5.2	122892-46
5.3	122892-47
5.4	122892-48
5.5	122892-49
5.6	122892-50
5.7	122892-51
5.8	122892-52
5.9	122892-53
6.0	122892-54

MARK	ITEM NUMBER
6.1	122892-55
6.2	122892-56
6.3	122892-57
6.4	122892-58
6.5	122892-59
6.6	122892-60
6.7	122892-61
6.8	122892-62
6.9	122892-63
7.0	122892-64
7.1	122892-65
7.2	122892-66
7.3	122892-67
7.4	122892-68
7.5	122892-69
7.6	122892-70
7.7	122892-80
7.8	122892-81
7.9	122892-82
8.0	122892-83
8.1	122892-84
8.2	122892-85
8.3	122892-86
8.4	122892-87

MARK	ITEM NUMBER
8.5	122892-88
8.6	122892-89
8.7	122892-90
8.8	122892-91
8.9	122892-92
9.0	122892-93
9.1	122892-94
9.2	122892-95
9.3	122892-96
9.4	122892-97
9.5	122892-98
9.6	122892-99
9.7	122892-100
9.8	122892-101
9.9	122892-102
10.0	122892-103
10.8	122892-71
10.9	122892-72
11.0	122892-73
11.1	122892-74
11.2	122892-75
13.0	122892-104
13.1	122892-105
13.2	122892-106

• THREE LAKES, WI (715) 546-3070 • **CONTACT LAKES PRECISION** • EL PASO, TX (915) 856-6606 •

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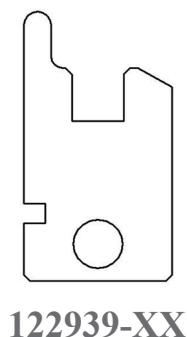
METZNER AM-130 / 150 MACHINE SERIES

WIRE GUIDES CLASS: WG



WIRE GUIDES

Wire guides are used in conjunction with collinear radius strip blades to precisely guide the conductor into the strip area of the blade. This will help prevent the conductor from coming in contact with the cutting edges of the strip blades, preventing premature strip blade wear.



MARK	ITEM NUMBER
1.0	122939-1
1.1	122939-2
1.2	122939-3
1.3	122939-4
1.4	122939-5
1.5	122939-6
1.6	122939-7
1.7	122939-8
1.8	122939-9
1.9	122939-10
2.0	122939-11
2.1	122939-12
2.2	122939-13
2.3	122939-14
2.4	122939-15
2.5	122939-16
2.6	122939-17
2.7	122939-18
2.8	122939-19
2.9	122939-20
3.0	122939-21
3.1	122939-22
3.2	122939-23
3.3	122939-24
3.4	122939-25

MARK	ITEM NUMBER
3.5	122939-26
3.6	122939-27
3.7	122939-28
3.8	122939-29
3.9	122939-30
4.0	122939-31
4.1	122939-32
4.2	122939-33
4.3	122939-34
4.4	122939-35
4.5	122939-36
4.6	122939-37
4.7	122939-38
4.8	122939-39
4.9	122939-40
5.0	122939-41
5.1	122939-42
5.2	122939-43
5.3	122939-44
5.4	122939-45
5.5	122939-46
5.6	122939-47
5.7	122939-48
5.8	122939-49
5.9	122939-50

MARK	ITEM NUMBER
6.0	122939-51
6.1	122939-52
6.2	122939-53
6.3	122939-54
6.4	122939-55
6.5	122939-56
6.6	122939-57
6.7	122939-58
6.8	122939-59
6.9	122939-60
7.0	122939-61
7.1	122939-62
7.2	122939-63
7.3	122939-64
7.4	122939-65
7.5	122939-66
7.6	122939-67
7.7	122939-68
7.8	122939-69
7.9	122939-70
8.0	122939-71
8.1	122939-72
8.2	122939-73
8.3	122939-74
8.4	122939-75

MARK	ITEM NUMBER
8.5	122939-76
8.6	122939-77
8.7	122939-78
8.8	122939-79
8.9	122939-80
9.0	122939-81
9.1	122939-82
9.2	122939-83
9.3	122939-84
9.4	122939-85
9.5	122939-86
9.6	122939-87
9.7	122939-88
9.8	122939-89
9.9	122939-90
10.0	122939-91
10.1	122939-92
10.2	122939-93
10.3	122939-94
10.4	122939-95
10.5	122939-96
10.6	122939-97
10.7	122939-98
10.8	122939-99
10.9	122939-100
11.0	122939-101

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METZNER AM-130 / 150 MACHINE SERIES

CUT-OFF BLADES CLASS: CL-A / WE-A

COLLINEAR ANGLE CUT-OFF BLADES

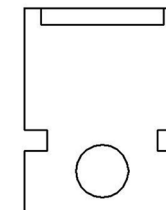
Sharp edge is ground to a collinear angle.

Characteristics: Sharp edges cut by compression. This class of blade was designed to allow positive control of cutter head closure. It also allows precision processing of specific wire sizes with an inherent blade longevity.

This type of blade is used with collinear radius strip blades.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
123282	CL-A DIE TYPE CUT-OFF



123282

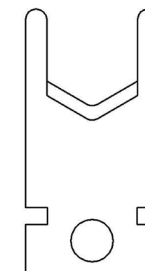
WIDE ENTRY ANGLE

The sharp edge is ground at an angle that results in a “V” opening above 90 degrees.

Characteristics: Wide angle is not as effective for gathering wire towards the operating radius. This type works well for gathering thick, soft insulations, (such as ignition wire).

- TC Coating Available -

ITEM NUMBER	ENTRY ANGLE	DESCRIPTION
122891	130	WE-A CUT-OFF



122891

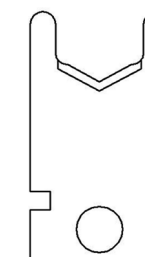
WIDE ENTRY ANGLE

The sharp edge is ground at an angle that results in a “V” opening above 90 degrees.

Characteristics: Wide angle is not as effective for gathering wire towards the operating radius. This type works well for gathering thick, soft insulations, (such as ignition wire).

- TC Coating Available -

ITEM NUMBER	ENTRY ANGLE	DESCRIPTION
122994	123	WE-A CUT-OFF



122994

METZNER AM-130 / 150 MACHINE SERIES

UNIVERSAL CUT-OFF BLADES CLASS: UN-V

UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
122893	944 20 072	STRIPPER / CRIMPER BLADE



122893

UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
122894	944 20 082	STRIPPER / CRIMPER BLADE
122895	944 30 080	STRIPPER / CRIMPER BLADE



122894



122895

METZNER AM-130 / 150 MACHINE SERIES

WIDE ENTRY ANGLE / TANGENT “V” CUT-OFF BLADES CLASS: WE-A / TA-V

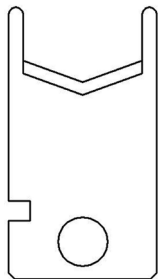


WIDE ENTRY ANGLE

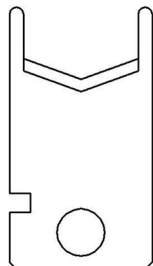
The sharp edge is ground at an angle that results in a “V” opening above 90 degrees.

Characteristics: Wide angle is not as effective for gathering wire towards the operating radius. This type works well for gathering thick, soft insulations, (such as ignition wire).

- TC Coating Available -



123495



123433

ITEM NUMBER	MM THICKNESS	ENTRY ANGLE	DESCRIPTION
123495	0.8	140	WE-A / TA-V CUT-OFF
123433	1.6	140	WE-A / TA-V CUT-OFF

METZNER ST-OB 150 / 30 / 400 MACHINE SERIES

COLLINEAR ANGLE CUT-OFF BLADES CLASS: CL-A



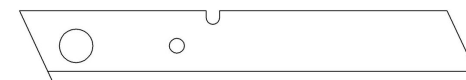
COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -

ITEM NUMBER	MM LENGTH	DESCRIPTION
123274-1	123.6	CL-A CUT-OFF
123274-2	183.5	CL-A CUT-OFF



123274

COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
123275	CL-A CUT-OFF



123275

METZNER AM-180 MACHINE SERIES

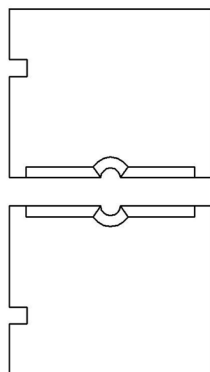
DIE TYPE STRIP BLADES

DIE TYPE BLADES

The die-type blade has a fixed shut height. The cutting edge is precisely drilled to an exact radius dimension for the conductor diameter.

This type of blade is the most exactly matched blade to the wire specification, giving a very precise insulation removal. This is excellent for removal of extremely thin insulation walls or where the outer jacket is oval shaped, and is also very useful for processing solid conductor insulated wire. Normally this is the blade of choice for *SJT*, *SVT*, *SJO*, coaxial cable outer jacket removal, and many round multi-conductor wires. Die blades are manufactured to the exact wire specifications. Blades can be produced for most any wire.

- *TC Coating Available* -



122319-XX

MM SIZE	ITEM NUMBER
1.60	122319-150
1.90	122319-151
2.00	122319-153
2.10	122319-154
2.20	122319-155
2.30	122319-156
2.40	122319-157
2.50	122319-158
2.60	122316-159
2.80	122319-152
2.80	122319-76
2.90	122319-1
2.95	122319-2
3.00	122319-77
3.10	122319-78

MM SIZE	ITEM NUMBER
3.20	122319-79
3.30	122319-80
3.40	122319-81
3.50	122319-82
3.60	122319-9
3.70	122319-4
3.80	122319-5
3.90	122319-112
4.00	122319-10
4.10	122319-21
4.20	122319-3
4.30	122319-6
4.40	122319-22
4.50	122319-7
4.60	122319-23

MM SIZE	ITEM NUMBER
4.70	122319-24
4.80	122319-11
4.90	122319-25
5.00	122319-26
5.10	122319-27
5.20	122319-28
5.30	122319-17
5.40	122319-29
5.50	122319-30
5.60	122319-31
5.70	122319-32
5.80	122319-33
5.90	122319-34
6.00	122319-35
6.10	122319-36

MM SIZE	ITEM NUMBER
6.20	122319-37
6.30	122319-38
6.40	122319-39
6.50	122319-40
6.60	122319-41
6.70	122319-42
6.80	122319-43
6.90	122319-44
7.00	122319-18
7.10	122319-45
7.20	122319-19
7.30	122319-46
7.40	122319-47
7.50	122319-48
7.60	122319-49

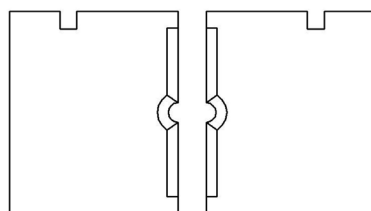
METZNER AM-180 MACHINE SERIES

DIE TYPE STRIP BLADES

- **ADDITIONAL PART NUMBER'S ON SUCCEEDING PAGES** -

METZNER AM-180 MACHINE SERIES

DIE TYPE STRIP BLADES ADDITIONAL PART NUMBER'S



122319-XX

MM SIZE	ITEM NUMBER
7.70	122319-50
7.80	122319-51
7.90	122319-52
8.00	122319-53
8.10	122319-54
8.20	122319-13
8.30	122319-20
8.40	122319-16
8.50	122319-55
8.60	122319-12
8.70	122319-15
8.80	122319-14
8.90	122319-56
9.00	122319-57
9.10	122319-58
9.20	122319-59
9.30	122319-8
9.40	122319-60
9.50	122319-61
9.60	122319-62
9.70	122319-63
9.80	122319-64
9.90	122319-65
10.00	122319-66
10.10	122319-83

MM SIZE	ITEM NUMBER
10.20	122319-84
10.30	122319-85
10.40	122319-86
10.50	122319-87
10.60	122319-67
10.70	122319-68
10.80	122319-69
10.90	122319-88
11.00	122319-89
11.10	122319-113
11.20	122319-90
11.30	122319-91
11.40	122319-92
11.50	122319-98
11.60	122319-114
11.70	122319-115
11.80	122319-116
11.90	122319-117
12.00	122319-100
12.10	122319-118
12.20	122319-119
12.30	122319-71
12.40	122319-72
12.50	122319-73
12.60	122319-74

MM SIZE	ITEM NUMBER
12.70	122319-75
12.80	122319-120
12.90	122319-121
13.00	122319-106
13.10	122319-108
13.20	122319-109
13.30	122319-110
13.40	122319-111
13.50	122319-107
13.60	122319-99
13.70	122319-93
13.80	122319-94
13.90	122319-95
14.00	122319-96
14.10	122319-97
14.20	122319-122
14.30	122319-123
14.40	122319-124
14.50	122319-125
14.60	122319-126
14.70	122319-127
14.80	122319-128
14.90	122319-129
15.00	122319-130
15.10	122319-131

MM SIZE	ITEM NUMBER
15.20	122319-132
15.30	122319-101
15.40	122319-102
15.50	122319-103
15.60	122319-104
15.70	122319-105
15.80	122319-133
15.90	122319-134
16.00	122319-135
16.10	122319-136
16.20	122319-70
16.30	122319-137
16.40	122319-138
16.50	122319-139
16.60	122319-140
16.70	122319-141
16.80	122319-142
16.90	122319-143
17.00	122319-144
17.10	122319-145
17.20	122319-146
17.30	122319-147
17.40	122319-148
17.50	122319-149

METZNER AM-180 MACHINE SERIES

TRU-RADIUS STRIP BLADES CLASS: TR-V

TRU-RADIUS STRIP BLADE

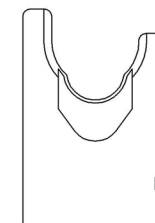
The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -

ITEM NUMBER	SIZE	DESCRIPTION
123416-1	180.1,6 D1=12 D2=18	TR-V STRIP
123416-2	180.1,6 D1=15 D2=20	TR-V STRIP



123416-XX

METZNER AM-180 MACHINE SERIES

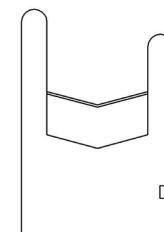
WIDE ENTRY ANGLE / TANGENT "V" CUT-OFF BLADES CLASS: WE-A / TA-V

The sharp edge is ground at an angle that results in a "V" opening above 90 degrees.

Characteristics: Wide angle is not as effective for gathering wire towards the operating radius. This type works well for gathering thick, soft insulations, (such as ignition wire).

- TC Coating Available -

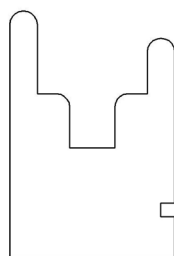
ITEM NUMBER	MM THICKNESS	ENTRY ANGLE	DESCRIPTION
123434-2	0.8	150	WE-A / TA-V CUT-OFF
123434-1	1.6	150	WE-A / TA-V CUT-OFF
123434-3	2.9	150	WE-A / TA-V CUT-OFF



123434-XX

WIRE GUIDES

Wire guides are used in conjunction with cut and strip blades to precisely guide the conductor into the strip area of the blade. This will help prevent the conductor from coming in contact with the cutting edges of the strip blades, preventing premature strip blade wear.



123310-XX

MM SIZE	ITEM NUMBER
4.0	123310-4.0
4.4	123310-4.4
4.5	123310-4.5
4.6	123310-4.6
4.8	123310-4.8
5.0	123310-5.0
5.4	123310-5.4
5.5	123310-5.5
5.6	123310-5.6
6.0	123310-6.0
6.5	123310-6.5
6.7	123310-6.7
6.9	123310-6.9
7.3	123310-7.3
8.0	123310-8.0
8.1	123310-8.1
8.2	123310-8.2
8.3	123310-8.3
8.4	123310-8.4
8.6	123310-8.6
8.8	123310-8.8
9.0	123310-9.0
9.4	123310-9.4
9.5	123310-9.5

MM SIZE	ITEM NUMBER
9.8	123310-9.8
10.0	123310-10.0
10.4	123310-10.4
10.7	123310-10.7
10.8	123310-10.8
11.0	123310-11.0
11.2	123310-11.2
11.4	123310-11.4
12.8	123310-12.8
13.0	123310-13.0
13.4	123310-13.4
13.6	123310-13.6
14.0	123310-14.0
14.4	123310-14.4
14.8	123310-14.8
15.0	123310-15.0
15.2	123310-15.2
15.6	123310-15.6
16.1	123310-16.1
16.5	123310-16.5
16.6	123310-16.6
16.8	123310-16.8
17.0	123310-17.0
18.0	123310-18.0
19.0	123310-19.0

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METZNER MACHINE SERIES

COLLINEAR ANGLE CUTTER BLADE & ANVIL CLASS: CL-A

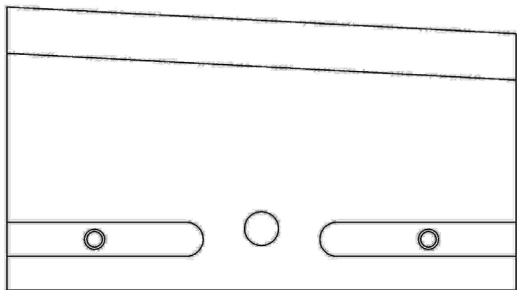


COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

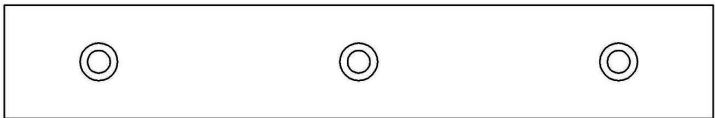
Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -



122982
CUTTER BLADE

ITEM NUMBER	MATERIAL	DESCRIPTION
122982	TOOL STEEL	CUTTER BLADE
122983	TOOL STEEL	ANVIL



122983
ANVIL



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Your Global Source for Wire Processing Perishable Tooling

NILE AIR MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR NILE AIR TOOLS CST 100 MACHINE SERIES

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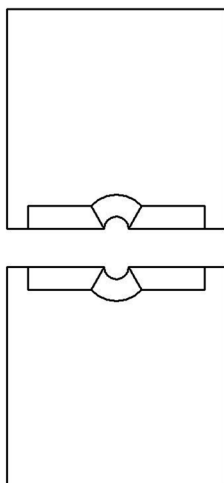
DIE TYPE BLADES

The die-type blade has a fixed shut height. The cutting edge is precisely drilled to an exact radius dimension for the conductor diameter. The insulation wall is contained in a counter-bore drilled around cutting edge.

This type of blade is the most exactly matched blade to the wire specification, giving a very precise insulation removal. This is excellent for removal of extremely thin insulation walls or where the outer jacket is oval shaped, and is also very useful for processing solid conductor insulated wire. Normally this is the blade of choice for SJT, SVT, SJO, coaxial cable outer jacket removal, and many round multi-conductor wires.

Die blades are manufactured to the exact wire specifications. Blades can be produced for most any wire.

- TC Coating Available -



123232-XX

MARK	ITEM NUMBER	DESCRIPTION
G2.8X4.0	123232-1	DIE TYPE STRIP
G2.9X3.9	123232-32	DIE TYPE STRIP
G2.9X4.0	123232-2	DIE TYPE STRIP
G2.9X4.4	123232-33	DIE TYPE STRIP
G3.0X4.0	123232-3	DIE TYPE STRIP
G3.0X4.4	123232-34	DIE TYPE STRIP
G3.0X4.5	123232-4	DIE TYPE STRIP
G3.1X4.2	123232-25	DIE TYPE STRIP
G3.1X4.5	123232-26	DIE TYPE STRIP
G3.2X4.5	123232-5	DIE TYPE STRIP
G3.2X4.8	123232-6	DIE TYPE STRIP
G3.3X5.0	123232-35	DIE TYPE STRIP
G3.4X4.5	123232-27	DIE TYPE STRIP
G3.4X4.8	123232-28	DIE TYPE STRIP
G3.4X5.0	123232-36	DIE TYPE STRIP
G3.5X4.3	123232-7	DIE TYPE STRIP
G3.5X4.8	123232-8	DIE TYPE STRIP
G3.5X5.0	123232-9	DIE TYPE STRIP
G3.6X4.8	123232-29	DIE TYPE STRIP

MARK	ITEM NUMBER	DESCRIPTION
G4.0X4.7	123232-10	DIE TYPE STRIP
G4.0X5.5	123232-11	DIE TYPE STRIP
G4.0X5.8	123232-12	DIE TYPE STRIP
G4.2X5.8	123232-13	DIE TYPE STRIP
G4.3X5.2	123232-14	DIE TYPE STRIP
G4.3X5.8	123232-15	DIE TYPE STRIP
G4.4X5.9	123232-16	DIE TYPE STRIP
G4.5X6.0	123232-18	DIE TYPE STRIP
G4.6X6.0	123232-30	DIE TYPE STRIP
G4.8X6.1	123232-31	DIE TYPE STRIP
G5.0X6.1	123232-17	DIE TYPE STRIP
G5.2X7.5	123232-38	DIE TYPE STRIP
G5.3X6.5	123232-23	DIE TYPE STRIP
G5.4X6.5	123232-24	DIE TYPE STRIP
G5.5X6.6	123232-19	DIE TYPE STRIP
G5.5X8.0	123232-37	DIE TYPE STRIP
G5.6X6.6	123232-20	DIE TYPE STRIP
G5.6X6.6	123232-20	DIE TYPE STRIP
G6.0X6.8	123232-22	DIE TYPE STRIP

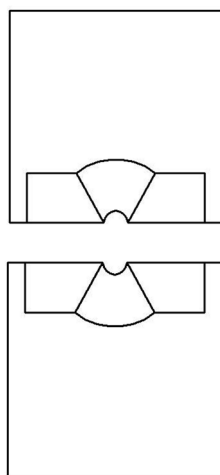
DIE TYPE BLADES

The die-type blade has a fixed shut height. The cutting edge is precisely drilled to an exact radius dimension for the conductor diameter.

This type of blade is the most exactly matched blade to the wire specification, giving a very precise insulation removal. This is excellent for removal of extremely thin insulation walls or where the outer jacket is oval shaped, and is also very useful for processing solid conductor insulated wire. Normally this is the blade of choice for SJT, SVT, SJO, coaxial cable outer jacket removal, and many round multi-conductor wires.

Die blades are manufactured to the exact wire specifications. Blades can be produced for most any wire.

- TC Coating Available -



123233-XX

MARK	ITEM NUMBER	DESCRIPTION
R 2.0	123233-34	DIE TYPE STRIP
R 2.3	123233-6	DIE TYPE STRIP
R 2.5	123233-7	DIE TYPE STRIP
R 2.8	123233-8	DIE TYPE STRIP
R 2.9	123233-11	DIE TYPE STRIP
R 3.0	123233-2	DIE TYPE STRIP
R 3.1	123233-9	DIE TYPE STRIP
R 3.2	123233-1	DIE TYPE STRIP
R 3.3	123233-12	DIE TYPE STRIP
R 3.4	123233-10	DIE TYPE STRIP
R 3.5	123233-3	DIE TYPE STRIP
R 3.6	123223-13	DIE TYPE STRIP
R 3.7	123223-14	DIE TYPE STRIP
R 3.8	123233-15	DIE TYPE STRIP
R 3.9	123233-16	DIE TYPE STRIP
R 4.0	123233-17	DIE TYPE STRIP
R 4.2	123233-4	DIE TYPE STRIP
R 4.3	123233-5	DIE TYPE STRIP
R 4.5	123233-19	DIE TYPE STRIP
R 4.7	123233-22	DIE TYPE STRIP
R 5.0	123233-25	DIE TYPE STRIP

MARK	ITEM NUMBER	DESCRIPTION
R 5.3	123233-27	DIE TYPE STRIP
R 5.4	123233-32	DIE TYPE STRIP
R 5.6	123233-26	DIE TYPE STRIP
R 5.9	123233-35	DIE TYPE STRIP
R 6.0	123233-20	DIE TYPE STRIP
R 6.5	123233-31	DIE TYPE STRIP
R 6.8	123233-36	DIE TYPE STRIP
R 7.0	123233-21	DIE TYPE STRIP
R 7.1	123233-37	DIE TYPE STRIP
R 7.5	123233-38	DIE TYPE STRIP
R 7.6	123233-28	DIE TYPE STRIP
R 7.8	123233-23	DIE TYPE STRIP
R 8.1	123233-33	DIE TYPE STRIP
R 8.2	123233-39	DIE TYPE STRIP
R 8.4	123233-40	DIE TYPE STRIP
R 8.5	123233-29	DIE TYPE STRIP
R 9.0	123233-18	DIE TYPE STRIP
R 9.8	123233-24	DIE TYPE STRIP
R 10.4	123233-30	DIE TYPE STRIP
R 11.3	123233-43	DIE TYPE STRIP
R 11.7	123233-41	DIE TYPE STRIP
R 15.8	123233-42	DIE TYPE STRIP

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NIPPON TANSHI MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR NIPPON TANSHI STU-2 MACHINE SERIES

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NIPPON TANSHI STU-2 MACHINE SERIES

TRU-RADIUS STRIP BLADES CLASS: TR-V

TRU-RADIUS STRIP BLADE

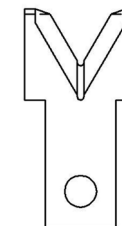
The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the bypass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -

ITEM NUMBER	DIA MM SIZE	DESCRIPTION
122650-039	1.0	STU-2 TR-V STRIP
122650-047	1.2	STU-2 TR-V STRIP
122650-055	1.4	STU-2 TR-V STRIP
122650-067	1.7	STU-2 TR-V STRIP
122650-078	2.0	STU-2 TR-V STRIP
122650-102	2.6	STU-2 TR-V STRIP



122650-XX

TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -

MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
0.65	123660-051	-----	TA-V STRIP
0.75	123660-059	-----	TA-V STRIP
1.8	123660-072	KD489007-8	TA-V STRIP



123660-XX

NIPPON TANSHI STU-2 MACHINE SERIES

UNIVERSAL CUT-OFF BLADES CLASS: UN-V



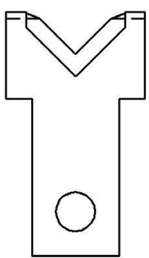
UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

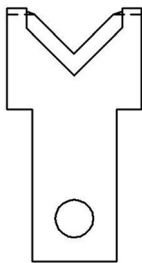
Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

ONE 122648 & ONE 122649 EQUALS A BLADE PAIR

- TC Coating Available -



122648



122649

ITEM NUMBER	OEM #	DESCRIPTION
122648	KD490019-1	UPPER CUT-OFF
122649	KD490019-2	LOWER CUT-OFF



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PAWOMAT MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR THE FOLLOWING MACHINE SERIES:

□ PAWOMAT MACHINE SERIES

□ B-12-N

□ B-12, B-16, 210B

□ MINICRIMP MACHINE SERIES

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PAWOMAT MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES CLASS: CL-R

COLLINEAR RADIUS TYPE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122701-XX

DIA MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
0.8	122701-6	15314	CL-R STRIP
0.85	122701-12	-----	CL-R STRIP
0.9	122701-1	11122	CL-R STRIP
0.95	122701-7	15469	CL-R STRIP
1.0	122701-4	11935	CL-R STRIP
1.05	122701-13	-----	CL-R STRIP
1.1	122701-2	11251	CL-R STRIP
1.15	122701-14	-----	CL-R STRIP
1.2	122701-3	11664	CL-R STRIP
1.25	122701-18	-----	CL-R STRIP

DIA MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
1.3	122701-16	-----	CL-R STRIP
1.35	122701-15	-----	CL-R STRIP
1.4	122701-20	-----	CL-R STRIP
1.5	122701-11	-----	CL-R STRIP
1.6	122701-17	-----	CL-R STRIP
2.0	122701-19	-----	CL-R STRIP
2.2	122701-8	15961	CL-R STRIP
2.3	122701-9	16004	CL-R STRIP
2.4	122701-10	16005	CL-R STRIP
2.6	122701-5	-----	CL-R STRIP

DIE TYPE BLADES

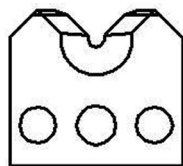
The die-type blade has a fixed shut height. The cutting edge is precisely drilled to an exact radius dimension for the conductor diameter. The insulation wall is contained in a counter-bore drilled around cutting edge.

This type of blade is the most exactly matched blade to the wire specification, giving a very precise insulation removal. This is excellent for removal of extremely thin insulation walls or where the outer jacket is oval shaped, and is also very useful for processing solid conductor insulated wire. Normally this is the blade of choice for *SJT*, *SVT*, *SJO*, coaxial cable outer jacket removal, and many round multi-conductor wires.

Die blades are manufactured to the exact wire specifications. Blades can be produced for most any wire.

- For a specific blade size or application, contact Lakes Precision, Inc. -

- *TC Coating Available* -



124121

DIA MM SIZE	ITEM NUMBER	OEM #
1.1	124121-1.10	16267350110-U

PAWOMAT B-12, B-16, B-21, 210B MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADE CLASS: TR-V

TANGENT RADIUS “V” STRIP BLADE

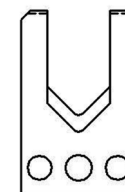
The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- *TC Coating Available* -

ITEM NUMBER	DESCRIPTION	OEM #
124413-1.20	TA-V	16343030060



124413

PAWOMAT B-16 MACHINE SERIES

COLLINEAR ANGLE CUT-OFF BLADES CLASS: CL-A

COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- *TC Coating Available* -

ITEM NUMBER	DESCRIPTION	OEM #	CLASS
123792	REJECT CUT BLADE	1604460A	CL-A



123792

PAWOMAT B-16 MACHINE SERIES

UNIVERSAL STRIP BLADES CLASS: UN-V

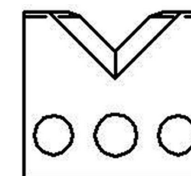
UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION	OEM #	CLASS
123793	UNIVERSAL STRIP	1604087	UN-V



123793

PAWOMAT B-16 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADE CLASS: TR-V

TANGENT RADIUS “V” STRIP BLADE

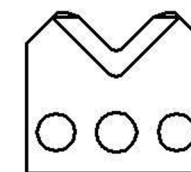
The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION	OEM #	CLASS
124412-1.20	TA-V	16040870060	TR-V



124412

PAWOMAT MINICRIMP MACHINE SERIES

TANGENT RADIUS CLASS: TA-V / TRU-RADIUS CLASS: TR-V



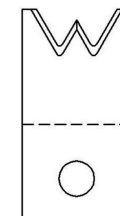
TANGENT RADIUS 2V STRIP BLADES - 30 DEGREE

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

DIA MM SIZE	CC-DEM.	ITEM NUMBER	OEM #	DESCRIPTION
1.0	5.0	123776-1	005.94.5026.000	2V TA-V STRIP
1.0	3.3	123776-2	-----	2V TA-V STRIP



123776

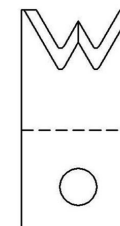
TANGENT RADIUS 2V STRIP BLADES - 15 DEGREE

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

DIA MM SIZE	CC-DEM.	ITEM NUMBER	DESCRIPTION
1.0	5.0	123783-1	2V TA-V STRIP
1.0	3.3	123783-2	2V TA-V STRIP



123783

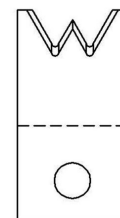
TRU- RADIUS 2V STRIP BLADES - 30 DEGREE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

DIA MM SIZE	CC-DEM.	ITEM NUMBER	DESCRIPTION
1.0	5.0	123779-1	2V TR-V STRIP
1.0	3.3	123779-2	2V TR-V STRIP



123779

- TC Coating Available -

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PRO.EFF MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR PRO.EFF ISO-STRIP 15 / 65 MACHINE SERIES

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DIE TYPE BLADES

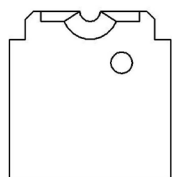
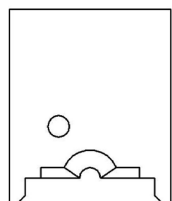
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- For more information on these blades, contact Lakes Precision, Inc. -

- TC Coating Available -



123006-XX

MM SIZE	ITEM NUMBER	MM SIZE	ITEM NUMBER	MM SIZE	ITEM NUMBER	MM SIZE	ITEM NUMBER	MM SIZE	ITEM NUMBER
0.4	123006-0.4	2.3	123006-2.3	4.2	123006-4.2	6.1	123006-6.1	8.0	123006-8.0
0.5	123006-0.5	2.4	123006-2.4	4.3	123006-4.3	6.2	123006-6.2	8.1	123006-8.1
0.6	123006-0.6	2.5	123006-2.5	4.4	123006-4.4	6.3	123006-6.3	8.2	123006-8.2
0.7	123006-0.7	2.6	123006-2.6	4.5	123006-4.5	6.4	123006-6.4	8.3	123006-8.3
0.8	123006-0.8	2.7	123006-2.7	4.6	123006-4.6	6.5	123006-6.5	8.4	123006-8.4
0.9	123006-0.9	2.8	123006-2.8	4.7	123006-4.7	6.6	123006-6.6	8.5	123006-8.5
1.0	123006-1.0	2.9	123006-2.9	4.8	123006-4.8	6.7	123006-6.7	8.6	123006-8.6
1.1	123006-1.1	3.0	123006-3.0	4.9	123006-4.9	6.8	123006-6.8	8.7	123006-8.7
1.2	123006-1.2	3.1	123006-3.1	5.0	123006-5.0	6.9	123006-6.9	8.8	123006-8.8
1.3	123006-1.3	3.2	123006-3.2	5.1	123006-5.1	7.0	123006-7.0	8.9	123006-8.9
1.4	123006-1.4	3.3	123006-3.3	5.2	123006-5.2	7.1	123006-7.1	9.0	123006-9.0
1.5	123006-1.5	3.4	123006-3.4	5.3	123006-5.3	7.2	123006-7.2	9.1	123006-9.1
1.6	123006-1.6	3.5	123006-3.5	5.4	123006-5.4	7.3	123006-7.3	9.2	123006-9.2
1.7	123006-1.7	3.6	123006-3.6	5.5	123006-5.5	7.4	123006-7.4	9.3	123006-9.3
1.8	123006-1.8	3.7	123006-3.7	5.6	123006-5.6	7.5	123006-7.5	9.4	123006-9.4
1.9	123006-1.9	3.8	123006-3.8	5.7	123006-5.7	7.6	123006-7.6	9.5	123006-9.5
2.0	123006-2.0	3.9	123006-3.9	5.8	123006-5.8	7.7	123006-7.7	9.6	123006-9.6
2.1	123006-2.1	4.0	123006-4.0	5.9	123006-5.9	7.8	123006-7.8	9.7	123006-9.7
2.2	123006-2.2	4.1	123006-4.1	6.0	123006-6.0	7.9	123006-7.9	9.8	123006-9.8
								9.9	123006-9.9

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PRO EFF ISO-STRIP 15 / 65 MACHINE SERIES

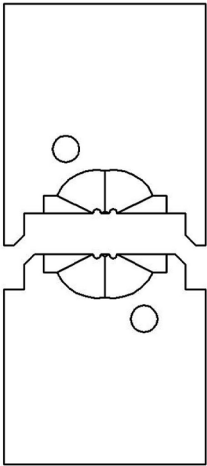
2 CONDUCTOR DRILLED DIE TYPE BLADES



- FOR MORE INFORMATION ON THESE BLADES, PLEASE CONTACT
LAKES PRECISION, INC.

- SEND WIRE SAMPLES TO LAKES PRECISION, INC.

- TC Coating Available -



123265-X

ITEM NUMBER	DESCRIPTION
123265-X	2 COND. DIE TYPE BLADE



LAKES PRECISION^{INC.}

Your Global Source for Wire Processing Perishable Tooling

SCHÄFER / MEGOMAT MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR THE FOLLOWING MACHINE SERIES:

- APE-300
- EUROPEAN ASM 1000
- ASM 3000
- ASM 3001A
- CONTACT MACHINE SERIES
- ULTIMA MODEL MACHINE SERIES

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MEGOMAT APE-300 MACHINE SERIES

COLLINEAR ANGLE CUT-OFF BLADES CLASS: CL-A

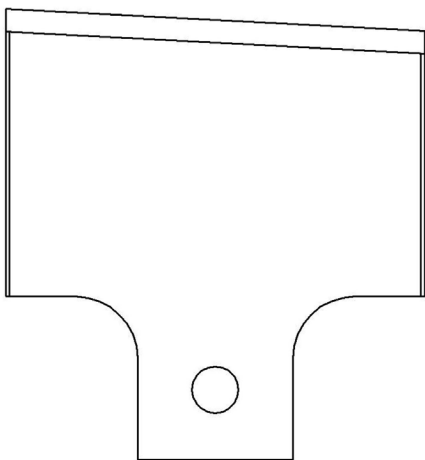


COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -



123214

ITEM NUMBER	OEM #	DESCRIPTION
123214	6.041.7083.400	CL-A CUT BLADE

MEGOMAT EUROPEAN ASM 1000 MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES CLASS: CL-R



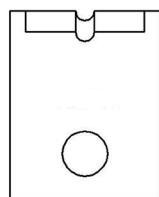
COLLINEAR RADIUS TYPE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122602-XX

DIA MM SIZE	OEM #	ITEM NUMBER
0.40	6.013.0250.404	122602-53
0.50	6.013.0251.405	122602-51
0.60	6.013.0252.406	122602-52
0.70	6.013.0253.407	122602-1
0.80	6.013.0254.408	122602-2
0.90	6.013.0255.409	122602-3
1.00	6.013.0256.410	122602-4
1.10	6.013.0257.411	122602-5
1.15	-----	122602-54
1.20	6.013.0258.412	122602-6
1.30	6.013.0259.413	122602-7
1.40	6.013.0260.414	122602-8
1.50	6.013.0261.415	122602-9
1.60	6.013.0262.416	122602-10
1.70	6.013.0263.417	122602-11
1.80	6.013.0264.418	122602-12
1.90	6.013.0265.419	122602-13
2.00	6.013.0266.420	122602-14

DIA MM SIZE	OEM #	ITEM NUMBER
2.10	-----	122602-15
2.20	6.013.0267.422	122602-16
2.30	-----	122602-17
2.40	6.013.0268.424	122602-18
2.50	-----	122602-19
2.61	6.013.0269.426	122602-20
2.70	-----	122602-21
2.80	6.013.0270.428	122602-22
2.90	-----	122602-23
3.00	6.013.0271.430	122602-24
3.10	-----	122602-25
3.20	6.013.0272.432	122602-26
3.30	-----	122602-27
3.40	6.013.0273.434	122602-28
3.50	-----	122602-29
3.60	6.013.0274.436	122602-30
3.70	-----	122602-31
3.80	6.013.0275.438	122602-32

DIA MM SIZE	OEM #	ITEM NUMBER
3.90	-----	122602-33
4.00	6.013.0276.440	122602-34
4.10	-----	122602-35
4.20	6.013.0277.442	122602-36
4.30	-----	122602-37
4.40	6.013.0278.444	122602-38
4.50	-----	122602-39
4.60	6.013.0279.446	122602-40
4.70	-----	122602-41
4.80	6.013.0280.448	122602-42
4.90	-----	122602-43
5.00	6.013.0281.450	122602-44
5.10	-----	122602-45
5.20	-----	122602-46
5.30	-----	122602-47
5.40	-----	122602-48
5.50	-----	122602-49
5.60	-----	122602-50

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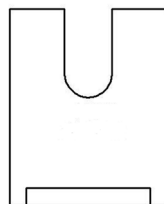
COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a collinear angle.

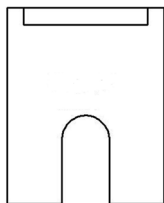
Characteristics: Sharp edges cut by compression. This class of blade was designed to allow positive control of cutter head closure. It also allows precision processing of specific wire sizes with an inherent blade longevity.

This type of blade is used with collinear radius strip blades.

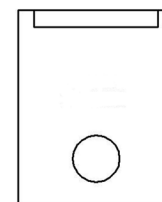
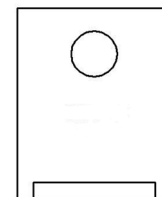
- TC Coating Available -



**122407
CUT-OFF BLADE**



**122616
CUT-OFF BLADE
OEM #= 6.013.0186.400**



RADIUS WIRE GUIDE

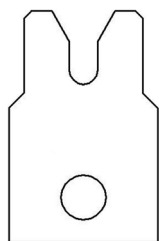
Wire guides are used in conjunction with collinear radius strip blades to precisely guide the conductor into the strip area of the blade. This will help prevent the conductor from coming in contact with the cutting edges of the strip blades, preventing premature strip blade wear.

Choosing the correct part number

When choosing the correct size, the guide diameter chosen should be 0.00 mm to 0.1 mm larger than the measured insulation diameter.

Example:

122617-1 = 1.0 mm Diameter Guide



122617

DIA MM SIZE	OEM #	ITEM NUMBER
0.6	6.013.0300.406	122617-46
0.7	6.013.0301.407	122617-47
0.8	6.013.0302.408	122617-48
0.9	6.013.0303.409	122617-49
1.0	6.013.0304.410	122617-1
1.1	6.013.0305.411	122617-2
1.2	6.013.0306.412	122617-3
1.3	6.013.0307.413	122617-4
1.4	6.013.0308.414	122617-5
1.5	6.013.0309.415	122617-6
1.6	6.013.0310.416	122617-7
1.7	6.013.0311.417	122617-8
1.8	6.013.0312.418	122617-9
1.9	6.013.0313.419	122617-10
2.0	6.013.0314.420	122617-11
2.1	6.013.0315.421	122617-12
2.2	6.013.0316.422	122617-13
2.3	6.013.0317.423	122617-14

DIA MM SIZE	OEM #	ITEM NUMBER
2.4	6.013.0318.424	122617-15
2.5	6.013.0319.425	122617-16
2.6	6.013.0320.426	122617-17
2.7	6.013.0321.427	122617-18
2.8	6.013.0322.428	122617-19
2.9	6.013.0323.429	122617-20
3.0	6.013.0324.430	122617-21
3.1	-----	122617-22
3.2	6.013.0325.432	122617-23
3.3	-----	122617-24
3.4	6.013.0326.434	122617-25
3.5	-----	122617-26
3.6	6.013.0327.436	122617-27
3.7	-----	122617-28
3.8	6.013.0328.438	122617-29
3.9	-----	122617-30
4.0	6.013.0329.440	122617-31
4.1	-----	122617-32

DIA MM SIZE	OEM #	ITEM NUMBER
4.2	6.013.0330.442	122617-33
4.3	-----	122617-34
4.4	6.013.0331.444	122617-35
4.5	-----	122617-36
4.6	6.013.0332.446	122617-37
4.7	-----	122617-38
4.8	6.013.0333.448	122617-39
4.9	-----	122617-40
5.0	6.013.0334.450	122617-41
5.1	-----	122617-42
5.2	6.013.0335.452	122617-43
5.3	-----	122617-44
5.4	6.013.0336.454	122617-45
6.4	-----	122617-50
6.5	-----	122617-51
6.6	-----	122617-52
6.7	-----	122617-53
6.8	-----	122617-54

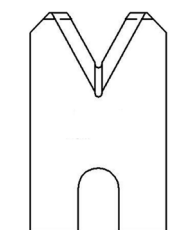
TRU-RADIUS “V” STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122477-XX

DIA MM SIZE	ITEM NUMBER
1.00	122477-1
1.10	122477-8
1.20	122477-2
1.30	122477-9
1.40	122477-3
1.50	122477-10
1.60	122477-11
1.70	122477-4
1.80	122477-12
1.90	122477-13
2.00	122477-5
2.10	122477-14

DIA MM SIZE	ITEM NUMBER
2.20	122477-15
2.30	122477-16
2.40	122477-17
2.50	122477-18
2.60	122477-6
2.70	122477-19
2.80	122477-20
2.90	122477-21
3.00	122477-22
3.10	122477-23
3.20	122477-7
3.30	122477-24

MEGOMAT ASM 3000 MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES CLASS: CL-R



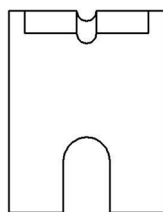
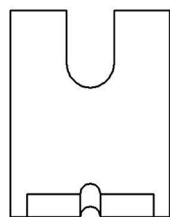
COLLINEAR RADIUS TYPE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122385-XX

DIA MM SIZE	OEM #	ITEM NUMBER
0.40	-----	122385-51
0.70	-----	122385-1
0.80	-----	122385-2
0.90	-----	122385-3
1.00	-----	122385-4
1.10	-----	122385-5
1.15	-----	122385-53
1.20	M.013.0258.412	122385-6
1.30	M.013.0259.413	122385-7
1.40	M.013.0260.414	122385-8
1.50	M.013.0261.415	122385-9
1.60	M.013.0262.416	122385-10
1.70	-----	122385-11
1.80	-----	122385-12
1.90	-----	122385-13
2.00	-----	122385-14
2.10	-----	122385-15

DIA MM SIZE	OEM #	ITEM NUMBER
2.20	-----	122385-16
2.30	-----	122385-17
2.25	-----	122385-54
2.40	-----	122385-18
2.50	-----	122385-19
2.60	-----	122385-20
2.70	-----	122385-21
2.80	-----	122385-22
2.90	-----	122385-23
3.00	-----	122385-24
3.10	-----	122385-25
3.20	-----	122385-26
3.30	-----	122385-27
3.40	-----	122385-28
3.50	-----	122385-29
3.60	-----	122385-30
3.70	-----	122385-31

DIA MM SIZE	OEM #	ITEM NUMBER
3.80	-----	122385-32
3.90	-----	122385-33
4.00	-----	122385-34
4.10	-----	122385-35
4.20	-----	122385-36
4.30	-----	122385-37
4.40	-----	122385-38
4.50	-----	122385-39
4.60	-----	122385-40
4.70	-----	122385-41
4.80	-----	122385-42
4.90	-----	122385-43
5.30	-----	122385-44
5.70	-----	122385-47
6.00	-----	122385-45
6.10	-----	122385-52
6.50	-----	122385-46

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MEGOMAT ASM 3000 MACHINE SERIES

COLLINEAR CUT-OFF BLADES CLASS: CL-R



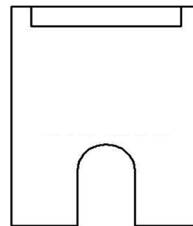
COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a collinear angle

Characteristics: Sharp edges cut by compression. This class of blade was designed to allow positive control of cutter head closure. It also allows precision processing of specific wire sizes with an inherent blade longevity. This type of blade is used with collinear radius strip blades.

OEM # = M.013.0186.400

- *TC Coating Available* -



122384

MEGOMAT ASM 3000 MACHINE SERIES

RADIUS WIRE GUIDES PART NUMBER'S



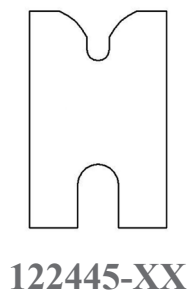
RADIUS WIRE GUIDES

Wire guides are used in conjunction with collinear radius strip blades to precisely guide the conductor into the strip area of the blade. This will help prevent the conductor from coming in contact with the cutting edges of the strip blades, preventing premature strip blade wear.

Choosing the correct part number

When choosing the correct size, the guide diameter chosen should be 0.00 mm to 0.1 mm larger than the measured insulation diameter.

Example: 122445-1 = 1.0 mm Diameter Guide



DIAMM SIZE	ITEM NUMBER
1.0	122445-1
1.1	122445-2
1.2	122445-3
1.3	122445-4
1.4	122445-5
1.5	122445-6
1.6	122445-7
1.7	122445-8
1.8	122445-9
1.9	122445-10
2.0	122445-11
2.1	122445-12
2.2	122445-13
2.3	122445-14
2.4	122445-15
2.5	122445-16
2.6	122445-17

DIAMM SIZE	ITEM NUMBER
2.7	122445-18
2.8	122445-19
2.9	122445-20
3.0	122445-21
3.1	122445-22
3.2	122445-23
3.3	122445-24
3.4	122445-25
3.5	122445-26
3.6	122445-27
3.7	122445-28
3.8	122445-29
3.9	122445-30
4.0	122445-31
4.1	122445-32
4.2	122445-33
4.3	122445-34

DIAMM SIZE	ITEM NUMBER
4.4	122445-35
4.5	122445-36
4.6	122445-37
4.7	122445-38
4.8	122445-39
4.9	122445-40
5.0	122445-41
5.1	122445-42
5.2	122445-43
5.3	122445-44
5.4	122445-45
5.5	122445-46
5.6	122445-47
5.7	122445-48
5.8	122445-49
5.9	122445-50
6.0	122445-51

DIAMM SIZE	ITEM NUMBER
6.1	122445-52
6.2	122445-53
6.3	122445-54
6.4	122445-55
6.5	122445-56
6.6	122445-57
6.7	122445-58
6.8	122445-59
6.9	122445-60
7.0	122445-61
7.1	122445-62
7.2	122445-63
7.3	122445-64
7.4	122445-65
7.5	122445-66
10.0	122445-67

MEGOMAT ASM 3000 MACHINE SERIES

TANGENT RADIUS “V” STRIP & UNIVERSAL CUT-OFF BLADES CLASS: TA-V / UN-V

TANGENT RADIUS “V” STRIP BLADES

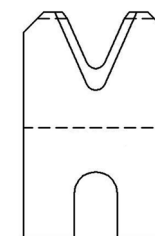
The sharp edge is ground tangent to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -

DIA MM SIZE	OEM #	ITEM NUMBER
0.30	-----	122270-1
0.55	6.013.0501.506	122270-2
0.86	6.013.0504.509	122270-3
1.06	6.013.0506.511	122270-4
1.32	6.013.0508.513	122270-5
1.57	6.013.0511.516	122270-6
1.93	6.013.0514.519	122270-7
2.43	6.013.0519.524	122270-8
2.84	6.013.0523.528	122270-9
4.36	6.013.0532.544	122270-10
5.63	-----	122270-11



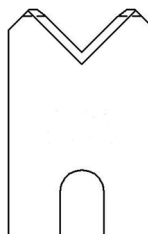
122270

OLD STYLE UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

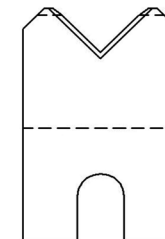
Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -



122476
STYLE A

OEM #	ITEM NUMBER
-----	122476
M.013.0187.400	122271



122271
STYLE B

MEGOMAT ASM 3000 MACHINE SERIES

VARIABLE SPACERS (WITH HOLE)



VARIABLE SPACERS

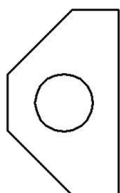
The wire end strip dimension is obtained by physically inserting spacers of different thickness in-between the blade bodies. The assembly is then held in place by set screws or other fastening devices.

This system involves measurement calculations in order to figure the correct spacer-blade combinations. Because of its inherent cumbersome nature, it is highly recommended that this setup be performed in anticipation to a scheduled production run.

To optimize equipment productivity, it is a good idea to have several sets of pre-assembled blade mounts ready for production schedules.

OEM # = M.330.0157.000

SPACER SET 5-123005



122877-XX

DIA MM SIZE	OEM #	ITEM NUMBER
0.5	6.013.0350.400	122877-53
0.6	6.013.0350.400	122877-1
0.7	6.013.0351.400	122877-2
0.8	6.013.0352.400	122877-3
0.9	6.013.0353.400	122877-4
1.0	6.013.0354.400	122877-5
1.1	6.013.0355.400	122877-6
1.2	6.013.0356.400	122877-7
1.3	6.013.0357.400	122877-8
1.4	6.013.0358.400	122877-9
1.5	6.013.0359.400	122877-10
1.6	6.013.0360.400	122877-11
1.7	6.013.0361.400	122877-12
1.8	6.013.0362.400	122877-13
1.9	6.013.0363.400	122877-14
2.0	6.013.0364.400	122877-15
2.1	6.013.0365.400	122877-16
2.2	6.013.0366.400	122877-17

DIA MM SIZE	OEM #	ITEM NUMBER
2.3	6.013.0367.400	122877-18
2.4	6.013.0368.400	122877-19
2.5	6.013.0369.400	122877-20
2.6	6.013.0370.400	122877-21
2.7	6.013.0371.400	122877-22
2.8	6.013.0372.400	122877-23
2.9	6.013.0373.400	122877-24
3.0	6.013.0374.400	122877-25
3.1	6.013.0375.400	122877-26
3.2	6.013.0375.400	122877-27
3.3	6.013.0377.400	122877-28
3.4	6.013.0378.400	122877-29
3.5	6.013.0379.400	122877-30
3.6	6.013.0380.400	122877-31
3.7	6.013.0381.400	122877-32
3.8	6.013.0382.400	122877-33
3.9	6.013.0383.400	122877-34
4.0	6.013.0384.400	122877-35

DIA MM SIZE	OEM #	ITEM NUMBER
4.1	6.013.0385.400	122877-36
4.2	6.013.0386.400	122877-37
4.3	6.013.0387.400	122877-38
4.4	6.013.0388.400	122877-39
4.5	6.013.0389.400	122877-40
4.6	6.013.0390.400	122877-41
4.7	6.013.0391.400	122877-42
4.8	6.013.0392.400	122877-43
4.9	6.013.0393.400	122877-44
5.0	6.013.0394.400	122877-45
6.0	6.013.0395.400	122877-46
7.0	6.013.0396.400	122877-47
8.0	6.013.0397.400	122877-48
9.0	6.013.0398.400	122877-49
10.0	6.013.0399.400	122877-50
11.4	6.013.0400.400	122877-51
14.7	M.0130.395.4147	122877-54
15.4	6.013.0401.400	122877-52

• THREE LAKES, WI (715) 546-3070 • **CONTACT LAKES PRECISION** • EL PASO, TX (915) 856-6606 •

• EMAIL: BLADES@LAKESPRECISION.COM •

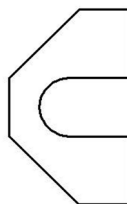
QUICK CHANGE VARIABLE SPACERS

The wire end strip dimension is obtained by physically inserting spacers of different thickness in-between the blade bodies. The assembly is then held in place by set screws or other fastening devices.

This system involves measurement calculations in order to figure the correct spacer-blade combinations. Because of its inherent cumbersome nature, it is highly recommended that this setup be performed in anticipation to a scheduled production run.

To optimize equipment productivity, it is a good idea to have several sets of pre-assembled blade mounts ready for production schedules.

SPACER SET 5-122423



122422

DIA MM SIZE	ITEM NUMBER
0.5	122422-1
1.0	122422-2
1.3	122422-49
1.4	122422-61
1.5	122422-3
1.6	122422-62
2.0	122422-4
2.2	122422-63
2.5	122422-5
2.7	122422-50
3.0	122422-6
3.2	122422-51
3.5	122422-7
3.6	122422-52
3.7	122422-35
4.0	122422-8
4.1	122422-36
4.2	122422-53
4.4	122422-54
4.5	122422-9
4.6	122422-55

DIA MM SIZE	TEM NUMBER
4.7	122422-37
4.8	122422-48
4.9	122422-38
5.0	122422-10
5.1	122422-39
5.2	122422-40
5.4	122422-41
5.5	122422-11
5.6	122422-56
5.7	122422-42
5.9	122422-43
6.0	122422-12
6.1	122422-44
6.2	122422-57
6.4	122422-45
6.5	122422-13
6.6	122422-58
6.9	122422-46
7.0	122422-14
7.1	122422-59
7.4	122422-47

DIA MM SIZE	ITEM NUMBER
7.5	122422-15
7.9	122422-60
8.0	122422-16
8.5	122422-17
9.0	122422-18
9.5	122422-19
10.0	122422-20
10.5	122422-21
11.0	122422-22
11.5	122422-23
12.0	122422-24
12.5	122422-25
13.0	122422-26
13.5	122422-27
14.0	122422-28
14.5	122422-29
15.0	122422-30
15.4	122422-64
15.5	122422-31
16.0	122422-32
16.5	122422-33
17.0	122422-34

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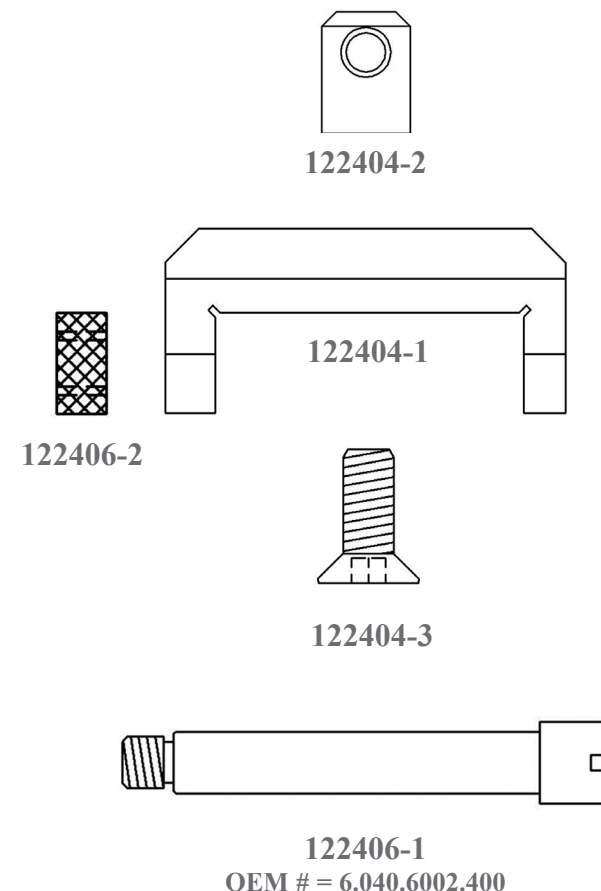
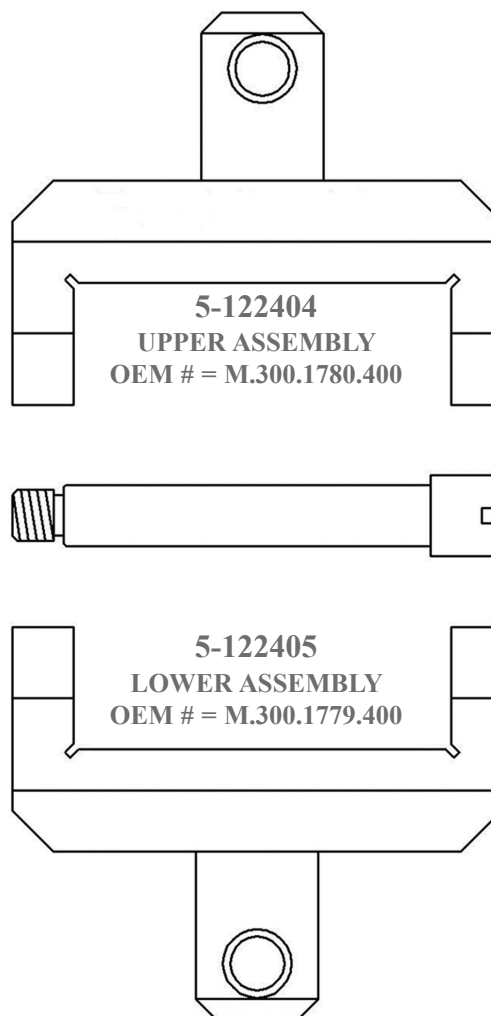
MEGOMAT ASM 3000 MACHINE SERIES

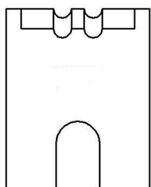
TOOLHOLDERS

TOOLHOLDERS

Purchase choices range from a complete assembly, with spacers, to a single toolholder, individual screw or nut. For an assembly with pre-installed blades for your specific application, please contact sales for further information.

ITEM NUMBER	DESCRIPTION
122404-1	TOOLHOLDER BASE
122404-2	LOCATOR PIN
122404-3	SCREW
122406	SCREW & NUT
122406-1	SCREW
122406-2	NUT
5-122404	UPPER TOOLHOLDER ASSEMBLY
5-122405	LOWER TOOLHOLDER ASSEMBLY





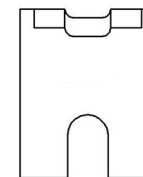
122468-XX

MUTLI-CONDUCTOR

SPECIAL APPLICATION BLADES

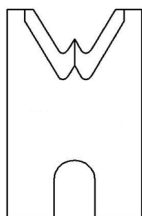
Lakes Precision, Inc. also provides blades for special applications. A few examples are shown here. For blades to meet your specific application please contact Lakes Precision, Inc.

- TC Coating Available -



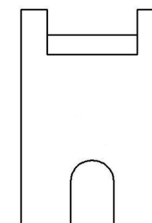
122730-XX

OVAL STRIP BLADE



122459

MUTLI-CONDUCTOR



122479

CL-A CUT-OFF

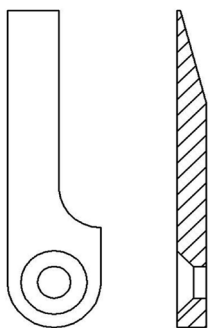
MEGOMAT ASM 3001A MACHINE SERIES

KNOCK-OFF BLADES

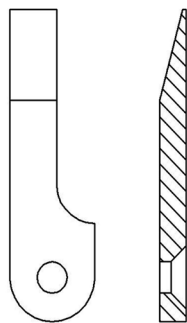
KNOCK-OFF BLADES

- For more information, contact Lakes Precision, Inc.

- TC Coating Available -



123215



123216

ITEM NUMBER	OEM #	DESCRIPTION
123215	6.050.0431.400	KNOCK-OFF
123216	6.050.0494.400	KNOCK-OFF

MEGOMAT CONTACT MACHINE SERIES

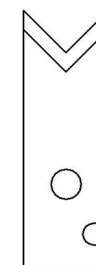
UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -

ITEM NUMBER	OEM#	DESCRIPTION
122909	T2AB0017R	UN-V CUT / STRIP FOR CONTACT MACHINE



122909

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MEGOMAT ULTIMA MODEL MACHINE SERIES

TRU-RADIUS STRIP BLADES CLASS: TR-V

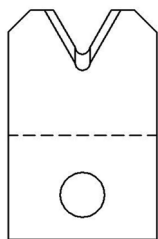
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122599-XX

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
0.50	122599-30	TR-V 020
0.60	122599-31	TR-V 024
0.80	122599-32	TR-V 031
0.90	122599-29	TR-V 035
1.00	122599-1	TR-V 039
1.10	122599-8	TR-V 043
1.20	122599-2	TR-V 047
1.30	122599-9	TR-V 051
1.40	122599-3	TR-V 055
1.50	122599-10	TR-V 059
1.60	122599-11	TR-V 063
1.70	122599-4	TR-V 067
1.80	122599-12	TR-V 070
1.90	122599-13	TR-V 075
2.00	122599-5	TR-V 079
2.10	122599-14	TR-V 083

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
2.20	122599-15	TR-V 087
2.30	122599-16	TR-V 090
2.40	122599-17	TR-V 094
2.50	122599-18	TR-V 098
2.60	122599-6	TR-V 102
2.70	122599-19	TR-V 106
2.80	122599-20	TR-V 110
2.90	122599-21	TR-V 114
3.00	122599-22	TR-V 118
3.10	122599-23	TR-V 122
3.20	122599-7	TR-V 125
3.30	122599-24	TR-V 129
3.60	122599-28	TR-V 142
4.30	122599-25	TR-V 169
4.70	122599-27	TR-V 185
4.80	122599-26	TR-V 189

MEGOMAT ULTIMA MODEL MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V

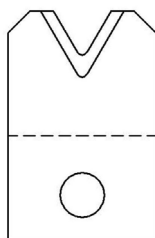
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



122600-XX

DIA MM SIZE	OEM #	ITEM NUMBER
0.30	-----	122600-1
0.46	-----	122600-25
0.56	6.013.0501.406	122600-2
0.71	6.013.0502.407	122600-20
0.81	6.013.0503.408	122600-21
0.86	6.013.0504.409	122600-3
1.02	6.013.0505.410	122600-22
1.07	6.013.0506.411	122600-4
1.22	6.013.0507.412	122600-12
1.32	6.013-0508.413	122600-5
1.42	6.013.0509.414	122600-13
1.47	6.013.0510.415	122600-18

DIA MM SIZE	OEM #	ITEM NUMBER
1.57	6.013.0511.416	122600-6
1.78	6.013.0513.418	122600-14
1.93	6.013.0514.419	122600-7
1.98	6.013.0515.420	122600-23
2.08	6.013.0516.421	122600-19
2.44	6.013.0519.424	122600-8
2.49	6.013.0520.425	122600-24
2.84	6.013.0523.428	122600-9
3.00	6.013.0525.430	122600-10
3.61	6.013.0528.436	122600-15
4.01	6.013.0530.440	122600-16
4.22	6.013.0531.442	122600-17
4.37	6.013.0532.444	122600-11

MEGOMAT ULTIMA MODEL MACHINE SERIES

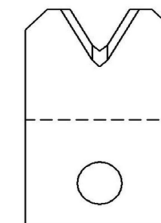
UNIVERSAL STRIP BLADES CLASS: UN-V

UNIVERSAL STRIP BLADE

The sharp edge is ground to an arc that has a small radius. The entry angle lines meet the arc at a tangent point. Unique to this from is an auxiliary angle that intersects the entry angle. This results in greater insulation penetration and a better strip. This patented blade type allows wire sizes from 26 awg to 10 awg to be processed using a single set of blades.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
122658-1	30 DEGREE UNIVERSAL STRIP BLADE
122658-2	20 DEGREE UNIVERSAL STRIP BLADE



122658-XX

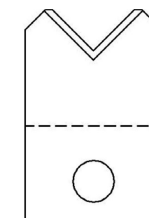
UNIVERSAL STRIP BLADE

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground tangent to a very small or non-existing radius. It works sufficiently for most standard wall insulations but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
122596	6.013.0191.400	UNIVERSAL STRIP BLADE



122596

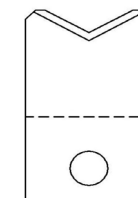
CUT-OFF BLADE CLASS: WE-A

The sharp edge is ground at an angle that results in a “V” opening above 90 degrees.

Characteristics: Wide angle is not as effective for gathering wire towards the operating radius. This type works well for gathering thick, soft insulations, (such as ignition wire).

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
122595	6.013.0190.400	CUT-OFF BLADE



122595

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MEGOMAT ULTIMA MODEL MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V

TANGENT RADIUS “V” STRIP BLADES

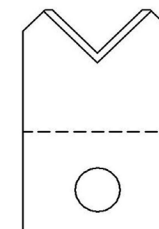
The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- *TC Coating Available* -

DIA MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
1.0	122966-2	-----	0.5 MM RADIUS
1.2	122966-1	6.013.0192.400	06. MM RADIUS



122966-XX

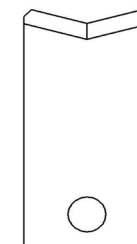
WIDE ENTRY ANGLE CLASS: WE-A

The sharp edge is ground at an angle that results in a “V” opening above 90 degrees.

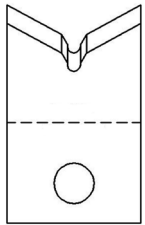
Characteristics: Wide angle is not as effective for gathering wire towards the operating radius. This type works well for gathering thick, soft insulations, (such as ignition wire).

- *TC Coating Available* -

ITEM NUMBER	OEM #	DESCRIPTION
123004	6.013.0196.400	DUO4 REJECT CUT BLADE



123004



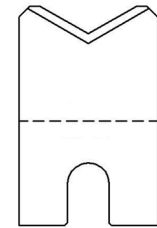
122917-XX

IGNITION WIRE APPLICATION BLADES

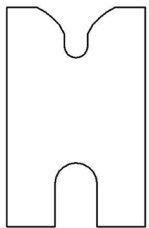
Ignition cable strips require the use of wire stops. These stops are used to control the cable and to prevent the conductor from coming into contact with the strip blades. This is required due to the soft nature of the outer jacket and the conductor wire guides and strip blades are sized for the individual application.

- FOR IGNITION CABLE APPLICATIONS
PLEASE CONTACT LAKES PRECISION INC.

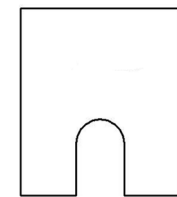
- TC Coating Available -



**122920-XX
CUT-OFF**



**122919-XX
WIRE GUIDE**



**122921-XX
WIRE STOPS**



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SCHLEUNIGER MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR THE FOLLOWING MACHINE SERIES:

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☐ CRIMPCENTER 36	☐ PC-3500	☐ PS 9500 & PS 9500RS
☐ CRIMPCENTER 36 / 60 / 64 / 70	☐ OC-3950	☐ PS 9550
☐ MP 207 & MP 257	☐ CS-5400	☐ MEGA STRIP 9600
☐ K750	☐ MP 8015	☐ MEGA STRIP 9650
☐ CCM 1200	☐ JS 8300 & JS 8400	
☐ US-2015, US-2300, US-2500, US-2550, US-2600	☐ 9000 / 9050 / 9100	

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SCHLEUNIGER CRIMPCENTER 12 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V



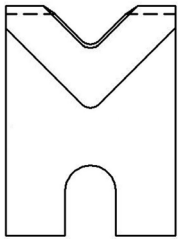
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



123032-XX

ITEM NUMBER	OEM #	DESCRIPTION
123032-1	ACA-10538095	TA-V STRIP
123032-2	ACA-10538096	TA-V STRIP
123032-3	ACA-10516696	TA-V STRIP
123032-4	ACA-10516697	TA-V STRIP
123032-5	ACA-10538097	TA-V STRIP
123032-6	ACA-10538098	TA-V STRIP

SCHLEUNIGER CRIMPCENTER 36 MACHINE SERIES

TANGENT RADIUS “V” CUT-OFF BLADE CLASS: TA-V

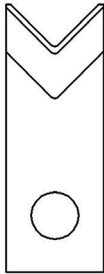


TANGENT RADIUS “V” CUT-OFF BLADE

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -



124323

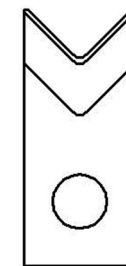
DIA MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
1.0	124323-0.50	50000.585.530	TA-V CUT-OFF

TANGENT RADIUS STRIP

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most standard wall insulations but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

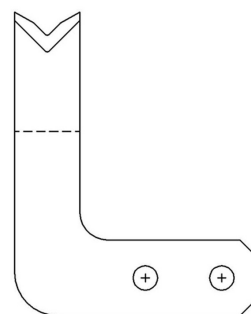
DIA MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
0.2	122800 TC	50920.010.295	0.1 RADIUS
1.0	122669 TC	50920.009.437	0.5 RADIUS
1.2	123392-2 TC	-----	0.6 RADIUS
1.5	122802 TC	-----	0.75 RADIUS
2.0	122674 TC	-----	1.0 RADIUS
2.2	123392-1 TC	-----	1.1 RADIUS
3.0	122668 TC	50920.009.438	1.5 RADIUS
4.0	122799 TC	-----	2.0 RADIUS
5.0	123372 TC	-----	2.5 RADIUS
----	122889 TC	-----	UN-V STRIP



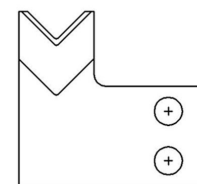
122674

CUT & REJECT BLADES

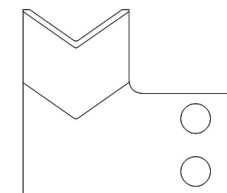
ITEM NUMBER	OEM #	DESCRIPTION
123599 TC	50000.578.248	CUT BLADE
123600 TC	50000.578.247	CUT BLADE
124944	587243	LOWER CUT



123599



123600



124944

- Uncoated Blades Available -

• THREE LAKES, WI (715) 546-3070 • **CONTACT LAKES PRECISION** • EL PASO, TX (915) 856-6606 •

• EMAIL: BLADES@LAKESPRECISION.COM •

SCHLEUNIGER CRIMPCENTER 60 MACHINE SERIES

TANGENT RADIUS BLADE CLASS: TA-V



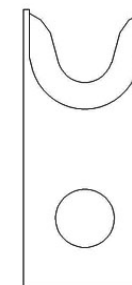
TANGENT RADIUS BLADE

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

DIA MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
5.4	124365-1	585117	2.7 RADIUS



124365-XX

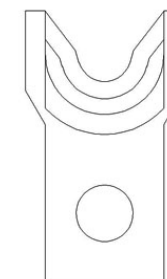
TANGENT RADIUS BLADE

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

DIA MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
5.4	124366-1	5000.586365	2.7 RADIUS



124366-XX

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SCHLEUNIGER CRIMPCENTER 64 MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES CLASS: CL-R



COLLINEAR RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

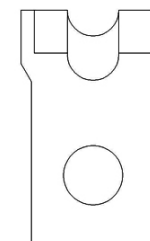
Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- For blades to meet your specific application, please contact Lakes Precision, Inc.

- *TC Coating Available*

DIAMM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
4.0	124506-4.00	-----	CL-R BLADE
6.0	124506-6.00	587902	CL-R BLADE



124506-XX

COLLINEAR RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

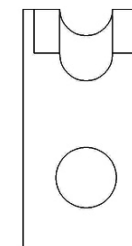
Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- For blades to meet your specific application, please contact Lakes Precision, Inc.

- *TC Coating Available*

DIAMM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
4.00	124502-4.00	-----	CL-R BLADE
5.00	124502-5.00	587904	CL-R BLADE
5.40	124502-5.40	587903	CL-R BLADE



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COLLINEAR RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

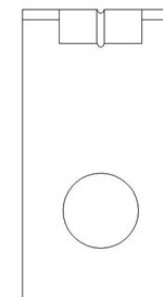
Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- For blades to meet your specific application, please contact Lakes Precision, Inc.

- *TC Coating Available*

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
0.6	123949-1	CL-R BLADE
0.8	123949-2	CL-R BLADE
0.9	123949-3	CL-R BLADE
1.1	123949-4	CL-R BLADE



123949-XX

COLLINEAR RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

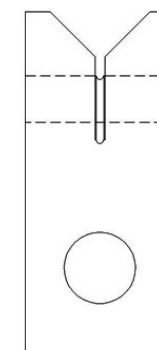
Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- For blades to meet your specific application, please contact Lakes Precision, Inc.

- *TC Coating Available*

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
0.6-0.8	123950-1	CL-R BLADE
0.8-1.4	123950-2	CL-R BLADE
0.6-0.95	123950-3	CL-R BLADE
0.8-1.1	123950-4	CL-R BLADE
0.9-1.2	123950-5	CL-R BLADE
1.1-1.5	123950-6	CL-R BLADE



123950-XX

SCHLEUNIGER MP 207 & MP 257 MACHINE SERIES

COLLINEAR ANGLE STRIP BLADES CLASS: CL-A



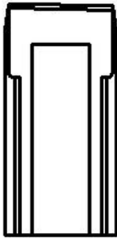
COLLINEAR ANGLE STRIP BLADES

Sharp edge is ground to a flat collinear angle.

This class of blade was designed to allow multiple conductor wire to be processed with one set of blades. This class is also used in many rotary strip models. The main advantage of this class is the ability to process many different wire gauges with the same blades, (dependent upon machine function).

There will always be a percentage of insulation tear with this class of blade. This class does not work well with thin wall insulation.

- TC Coating Available -



122447

ITEM NUMBER	OEM #	DESCRIPTION	CLASS
122447-1	-----	ROTARY STRIP	CL-A
122447-2	C4-0296T	TC COATED CARBIDE	CL-A

SCHLEUNIGER K750 MACHINE SERIES

UNIVERSAL STRIP BLADES CLASS: UN-V

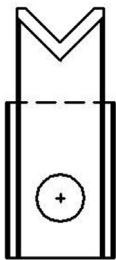


UNIVERSAL STRIP BLADES

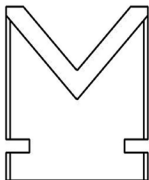
The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



123455



123456

ITEM NUMBER	OEM #	DESCRIPTION
123455	405103147	UN-V STRIP BLADE
123456	405103149	UN-V STRIP BLADE

5-124975 CONSISTS OF
1 PC 123455 AND 1 PC 123456

SCHLEUNIGER CCM 1200 MACHINE SERIES

COLLINEAR ANGLE CUT-OFF BLADES CLASS: CL-A



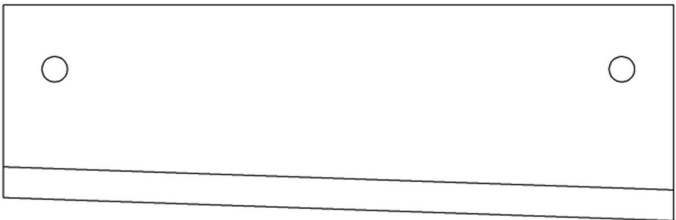
COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

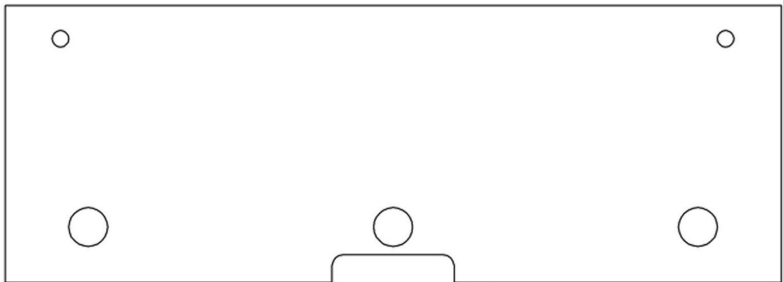
Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- FOR MORE INFORMATION ON THESE BLADES, PLEASE CONTACT LAKES PRECISION, INC.

- *TC Coating Available* -



**122467-2
UPPER BLADE**



**122467-1
LOWER BLADE**

ITEM NUMBER	DESCRIPTION
122467-1	CL-A LOWER CUT-OFF
122467-2	CL-A UPPER CUT-OFF
5-122467	CL-A UPPER AND LOWER (SET)

SCHLEUNIGER US-2015 MACHINE SERIES

UNIVERSAL STRIP BLADES CLASS: UN-V

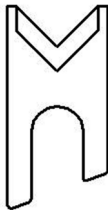


UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



122163

ITEM NUMBER	OEM #	DESCRIPTION
122163	CXP-2015-012C	UN-V BLADE

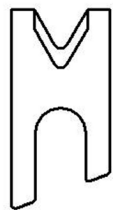
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- *TC Coating Available* -



122318-XX

MM DIA SIZE	ITEM NUMBER	DESCRIPTION
0.3	122318-2	TA-V BLADE
0.4	122318-11	TA-V BLADE
0.5	122318-3	TA-V BLADE
0.8	122318-4	TA-V BLADE
1.1	122318-5	TA-V BLADE
1.2	122318-1	TA-V BLADE
1.3	122318-6	TA-V BLADE
1.5	122318-7	TA-V BLADE
1.9	122318-8	TA-V BLADE
2.4	122318-9	TA-V BLADE
2.8	122318-10	TA-V BLADE
3.2	122318-12	TA-V BLADE
3.9	122318-13	TA-V BLADE

SCHLEUNIGER US-2015 MACHINE SERIES

TRU-RADIUS “V” STRIP BLADES CLASS: TR-V

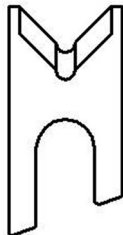
TRU-RADIUS “V” STRIP BLADES

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122788-XX

DIA SIZE	ITEM NUMBER	DESCRIPTION
.016	122788-016	TR-V BLADE
.018	122788-018	TR-V BLADE
.020	122788-020	TR-V BLADE
.024	122788-024	TR-V BLADE
.026	122788-026	TR-V BLADE
.028	122788-028	TR-V BLADE
.030	122788-030	TR-V BLADE
.032	122788-032	TR-V BLADE
.036	122788-036	TR-V BLADE
.039	122788-039	TR-V BLADE
.043	122788-043	TR-V BLADE
.047	122788-047	TR-V BLADE
.055	122788-055	TR-V BLADE

DIA SIZE	ITEM NUMBER	DESCRIPTION
.059	122788-059	TR-V BLADE
.063	122788-063	TR-V BLADE
.067	122788-067	TR-V BLADE
.078	122788-078	TR-V BLADE
.090	122788-090	TR-V BLADE
.102	122788-102	TR-V BLADE
.112	122788-112	TR-V BLADE
.125	122788-125	TR-V BLADE
.130	122788-130	TR-V BLADE
.140	122788-140	TR-V BLADE
.152	122788-152	TR-V BLADE
.160	122788-160	TR-V BLADE

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SCHLEUNIGER US-2015 MACHINE SERIES

2 CONDUCTOR TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V



TANGENT RADIUS “V” STRIP BLADES

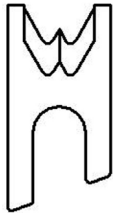
The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- For blades to meet your specific application, please contact Lakes Precision, Inc.

- TC Coating Available / Wire Samples Required -



123318-X

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
0.9	123318-1	2 CONDUCTOR TA-V
1.1	123318-2	2 CONDUCTOR TA-V

SCHLEUNIGER US-2300 MACHINE SERIES

UNIVERSAL STRIP BLADES CLASS: UN-V

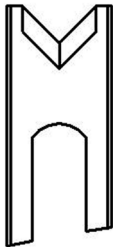


UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



124409

ITEM NUMBER	OEM #	DESCRIPTION
124409	STM-410993	UN-V STRIP BLADE

SCHLEUNIGER US-2300 MACHINE SERIES

TRU-RADIUS “V” STRIP BLADES



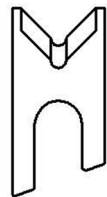
TRU-RADIUS “V” STRIP BLADES

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



124731-XX

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
0.40	124731-016	TR-V BLADE
0.45	124731-018	TR-V BLADE
0.50	124731-020	TR-V BLADE
0.60	124731-024	TR-V BLADE
0.70	124731-028	TR-V BLADE
0.80	124731-032	TR-V BLADE
0.90	124731-036	TR-V BLADE
1.0	124731-039	TR-V BLADE
1.10	124731-043	TR-V BLADE
1.20	124731-047	TR-V BLADE
1.40	124731-055	TR-V BLADE

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
1.50	124731-059	TR-V BLADE
1.60	124731-063	TR-V BLADE
1.70	124731-067	TR-V BLADE
2.0	124731-078	TR-V BLADE
2.30	124731-090	TR-V BLADE
2.60	124731-102	TR-V BLADE
2.80	124731-112	TR-V BLADE
2.99	124731-118	TR-V BLADE
3.80	124731-125	TR-V BLADE
3.55	124731-140	TRV-BLADE
3.90	124731-152	TR-V BLADE
4.00	124731-160	TR-V BLADE

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SCHLEUNIGER US-2500 MACHINE SERIES

TRU-RADIUS “V” STRIP BLADES CLASS: TR-V

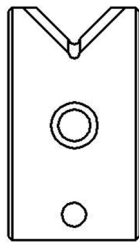
TRU-RADIUS “V” STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122568-XX

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
0.4	122568-27	TR-V BLADE
0.5	122568-28	TR-V BLADE
0.6	122568-29	TR-V BLADE
0.7	122568-1	TR-V BLADE
0.8	122568-2	TR-V BLADE
0.9	122568-3	TR-V BLADE
1.0	122568-4	TR-V BLADE
1.1	122568-5	TR-V BLADE
1.2	122568-10	TR-V BLADE
1.3	122568-11	TR-V BLADE
1.4	122568-12	TR-V BLADE
1.5	122568-6	TR-V BLADE
1.6	122568-13	TR-V BLADE
1.7	122568-14	TR-V BLADE
1.8	122568-15	TR-V BLADE

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
1.9	122568-8	TR-V BLADE
2.0	122568-16	TR-V BLADE
2.1	122568-17	TR-V BLADE
2.2	122568-18	TR-V BLADE
2.3	122568-19	TR-V BLADE
2.4	122568-20	TR-V BLADE
2.5	122568-21	TR-V BLADE
2.6	122568-22	TR-V BLADE
2.7	122568-23	TR-V BLADE
2.8	122568-24	TR-V BLADE
2.85	122568-9	TR-V BLADE
2.9	122568-25	TR-V BLADE
3.5	122568-26	TR-V BLADE
4.0	122568-7	TR-V BLADE

SCHLEUNIGER US-2500 MACHINE SERIES

UNIVERSAL STRIP BLADES CLASS: UN-V

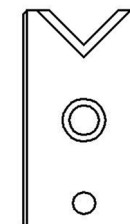
UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
122461	USP-1300	UN-V STRIP BLADE



122461

SCHLEUNIGER US-2500 MACHINE SERIES

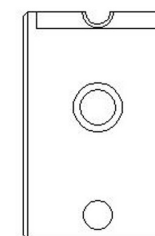
DRILLED RADIUS DIE TYPE BLADE WITH WIRE GUIDES

5-122797-X CONSISTS OF:

1 PAIR 122795-X STRIP BLADE

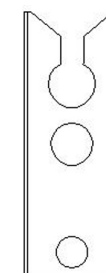
1 PC. 122796-X GUIDE

STRIP BLADE	DIA MM SIZE
122795-1	1.10 / 1.45
122795-2	1.30 / 1.75
122795-3	1.50 / 1.95
122795-4	2.20 / 2.70



122795-X

GUIDE	WIDTH MM
122796-1.45	1.45
122796-1.75	1.75
122796-1.95	1.95
122796-2.70	2.70



122796-X

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SCHLEUNIGER US-2550 MACHINE SERIES

UNIVERSAL CUT / STRIP BLADES CLASS: UN-V

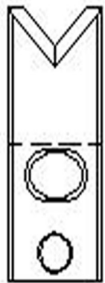


UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



124641

ITEM NUMBER	OEM #	DESCRIPTION
124641	421540	UN-V CUT/STRIP BLADE

SCHLEUNIGER US-2600 MACHINE SERIES

UNIVERSAL STRIP BLADES CLASS: UN-V

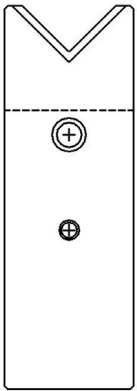


UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



123485

ITEM NUMBER	OEM #	DESCRIPTION
123485	STH-402586	UN-V BLADE

SCHLEUNIGER US-2600 MACHINE SERIES

TRU-RADIUS “V” STRIP BLADES CLASS: TR-V

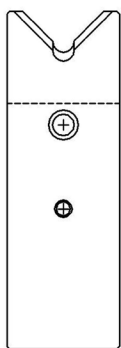
TRU-RADIUS “V” STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123486-XX

DIA MM SIZE	OEM #	ITEM NUMBER
0.5	-----	123486-65
0.8	-----	123486-64
1.0	402571	123486-1
1.1	-----	123486-2
1.2	-----	123486-3
1.3	-----	123486-4
1.4	-----	123486-5
1.5	402573	123486-6
1.6	-----	123486-7
1.7	-----	123486-8
1.8	-----	123486-9
1.9	-----	123486-10
2.0	402574	123486-11
2.1	-----	123486-12
2.2	-----	123486-13
2.3	-----	123486-14

DIA MM SIZE	OEM #	ITEM NUMBER
2.4	-----	123486-15
2.5	402575	123486-16
2.6	-----	123486-17
2.7	-----	123486-18
2.8	-----	123486-19
2.9	-----	123486-20
3.0	402576	123486-21
3.1	-----	123486-22
3.2	-----	123486-23
3.3	-----	123486-24
3.4	-----	123486-25
3.5	402577	123486-26
3.6	-----	123486-27
3.7	-----	123486-28
3.8	-----	123486-29
3.9	-----	123486-30

DIA MM SIZE	OEM #	ITEM NUMBER
4.0	-----	123486-31
4.1	-----	123486-32
4.2	-----	123486-33
4.3	-----	123486-34
4.4	-----	123486-35
4.5	402579	123486-36
4.6	-----	123486-37
4.7	-----	123486-38
4.8	-----	123486-39
4.9	-----	123486-40
5.0	402580	123486-41
5.1	-----	123486-42
5.2	-----	123486-43
5.3	-----	123486-44
5.4	-----	123486-45
5.5	402581	123486-46
5.6	-----	123486-47

DIA MM SIZE	OEM #	ITEM NUMBER
5.7	-----	123486-48
5.8	-----	123486-49
5.9	-----	123486-50
6.0	402582	123486-51
6.1	-----	123486-52
6.2	-----	123486-53
6.3	-----	123486-54
6.4	-----	123486-55
6.5	402583	123486-56
6.6	-----	123486-57
6.7	-----	123486-58
6.8	-----	123486-59
6.9	-----	123486-60
7.0	402584	123486-62
7.1	-----	13486-63
7.2	-----	123486-61
7.5	402585	123486-66

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SCHLEUNIGER US-2600 MACHINE SERIES

COLLINEAR ANGLE STRIP BLADES CLASS: CL-A

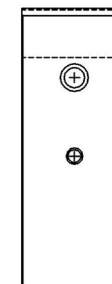
COLLINEAR ANGLE STRIP BLADE

Sharp edge is ground to a flat collinear angle.

This class of blade was designed to allow multiple conductor wire to be processed with one set of blades. This class is also used in many rotary strip models. The main advantage of this class is the ability to process many different wire gauges with the same blades, (dependent upon machine function). There will always be a percentage of insulation tear with this class of blade. This class does not work well with thin wall insulation.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
123797	402.663	CL-A STRIP



123797

SCHLEUNIGER US-2600 MACHINE SERIES

TRU-RADIUS 2V STRIP BLADE CLASS: TR-V

TRU-RADIUS 2V STRIP BLADE - 30 DEGREE

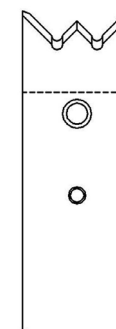
The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION	CLASS
124187-7	2V 0.45 2L 2.40 STRIP BLADE	TR-V
124187-8	2V 0.60 2L 2.40 STRIP BLADE	TR-V
124187-4	2V 0.60 2L 3.15 STRIP BLADE	TR-V
124187-5	2V 0.50 2L 3.15 STRIP BLADE	TR-V
124187-9	2V 0.75 2L 2.40 STRIP BLADE	TR-V
124187-6	2V 0.90 2L 3.15 STRIP BLADE	TR-V
124187-1	2V 1.20 2L 4.50 STRIP BLADE	TR-V
124187-2	2V 1.30 2L 4.50 STRIP BLADE	TR-V
124187-3	2V 1.60 2L 5.85 STRIP BLADE	TR-V



124187-XX

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SCHLEUNIGER UC-3100 MACHINE SERIES

COLLINEAR ANGLE CUT-OFF BLADES CLASS: CL-R

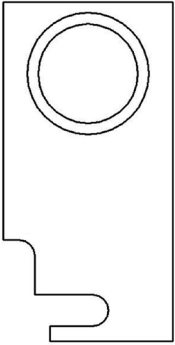


COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -



123249

ITEM NUMBER	DESCRIPTION
123249	CL-A CUT-OFF BLADE

SCHLEUNIGER PC-3500 MACHINE SERIES

COLLINEAR ANGLE CUT-OFF BLADES CLASS: CL-A

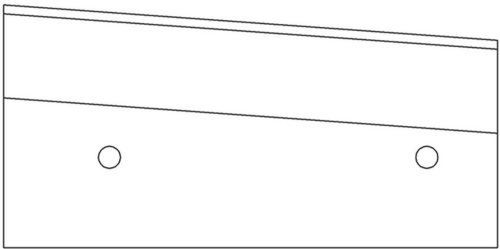


COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -



123158

ITEM NUMBER	DESCRIPTION
123158	UPPER CL-A CUT-OFF

SCHLEUNIGER OC-3950 MACHINE SERIES

COLLINEAR ANGLE CUT-OFF BLADES CLASS: CL-A

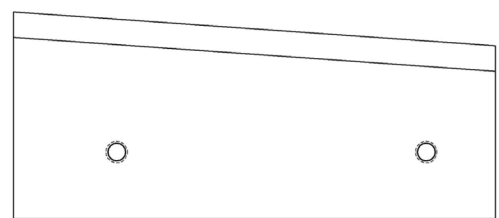


COLLINEAR ANGLE CUT-OFF BLADES

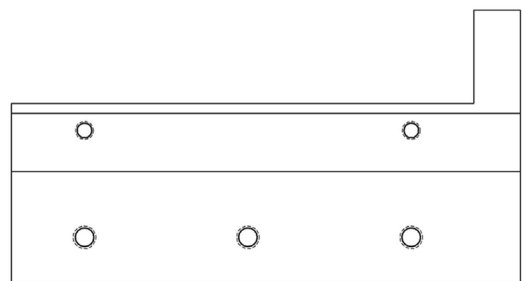
Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -



123552
BLADE



123553
ANVIL

ITEM NUMBER	OEM #	DESCRIPTION
123552	302.5006	CL-A CUT-OFF
123553	402.5000	CL-A CUT-OFF
5-123550	OCP-900	SET

(CUT BLADE SET) 5-123550= 1PC 123552 & 1PC 123553

SCHLEUNIGER CS-5400 MACHINE SERIES

COLLINEAR ANGLE STRIP BLADES CLASS: CL-A



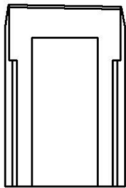
COLLINEAR ANGLE STRIP BLADES

Sharp edge is ground to a flat collinear angle.

This class of blade was designed to allow multiple conductor wire to be processed with one set of blades. This class is also used in many rotary strip models. The main advantage of this class is the ability to process many different wire gauges with the same blades, (dependent upon machine function).

There will always be a percentage of insulation tear with this class of blade. This class does not work well with thin wall insulation.

- TC Coating Available -



123446

ITEM NUMBER	OEM #	DESCRIPTION	CLASS
123446	C4-1830	ROTARY STRIP	CL-A

SCHLEUNIGER MP 8015 MACHINE SERIES

COLLINEAR ANGLE STRIP BLADES CLASS: CL-A



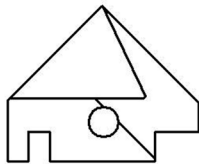
COLLINEAR ANGLE STRIP BLADES

Sharp edge is ground to a flat collinear angle.

This class of blade was designed to allow multiple conductor wire to be processed with one set of blades. This class is also used in many rotary strip models. The main advantage of this class is the ability to process many different wire gauges with the same blades, (dependent upon machine function).

There will always be a percentage of insulation tear with this class of blade. This class does not work well with thin wall insulation.

- TC Coating Available -



122391-XX

ITEM NUMBER	MATERIAL	OEM #	DESCRIPTION
122391-1	TC COATED CARBIDE	CXP-8015-014C	CL-A ROTARY STRIP
122391-2	TC COATED A2 TOOL STEEL	-----	CL-A ROTARY STRIP
122391-3	TC COATED M2 TOOL STEEL	-----	CL-A ROTARY STRIP

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SCHLEUNIGER JS 8300 MACHINE SERIES

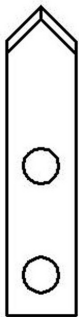
ANGLE CUT-OFF BLADES CLASS: CL-A



- FOR MORE INFORMATION, CONTACT LAKES PRECISION, INC.

- *TC Coating Available* -

ITEM NUMBER	OEM #	DESCRIPTION	CLASS
122569	301.5026	RADIAL CUT-OFF	CL-A
122570	301.5027	AXIAL CUT-OFF	CL-A



122569

RADIAL / AXIAL
CUT-OFF BLADES



122570

SCHLEUNIGER JS 8400 MACHINE SERIES

COLLINEAR ANGLE STRIP BLADES CLASS: CL-A



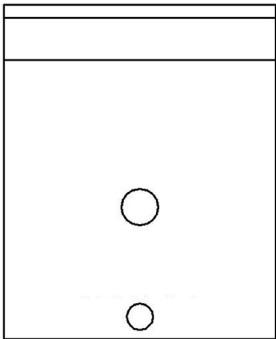
COLLINEAR ANGLE STRIP BLADES

Sharp edge is ground to a flat collinear angle.

This class of blade was designed to allow multiple conductor wire to be processed with one set of blades. This class is also used in many rotary strip models. The main advantage of this class is the ability to process many different wire gauges with the same blades, (dependent upon machine function).

There will always be a percentage of insulation tear with this class of blade. This class does not work well with thin wall insulation.

- TC Coating Available -



122704

ITEM NUMBER	OEM #	DESCRIPTION	CLASS
122704	301.6082	ROTARY STRIP	CL-A

SCHLEUNIGER CS 9000 MACHINE SERIES

UNIVERSAL STRIP BLADES CLASS: UN-V



UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -

ITEM NUMBER	MATERIAL	CLASS
5-122469-1	A2 TOOL STEEL	UN-V
5-122469-2	M2 TOOL STEEL	UN-V
5-122469-3	TUNGSTEN CARBIDE	UN-V



LONG



SHORT

5-124469-XX
CONSISTS OF LONG &
SHORT BLADE

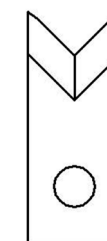
UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION	OEM #	CLASS
122326	CARBIDE UN-V STRIP	CS1-126C/401.1001	UN-V



122326

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SCHLEUNIGER 9050 / 9100 MACHINE SERIES

UNIVERSAL STRIP BLADES CLASS: UN-V

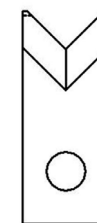
UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION	CLASS
123161-1	A2 STEEL UN-V STRIP	UN-V
123161-2	A2 STEEL UN-V STRIP	UN-V
5-123161	SET	UN-V



123161-1



123161-2

5-123161 SET

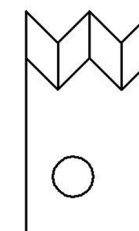
UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION	CLASS
5-122301	2V UNIVERSAL CUT / STRIP	UN-V



5-122301

SCHLEUNIGER CS 9050 MACHINE SERIES

TRU-RADIUS “V” CUT / STRIP BLADES CLASS: TR-V



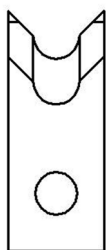
TRU-RADIUS “V” CUT / STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



5-122563-XX

DIA MM SIZE	ITEM NUMBER
0.4	5-122563-47
0.5	5-122563-48
0.6	5-122563-49
0.7	5-122563-1
0.8	5-122563-2
0.9	5-122563-3
1.0	5-122563-4
1.1	5-122563-5
1.2	5-122563-6
1.3	5-122563-7
1.4	5-122563-8
1.5	5-122563-9
1.6	5-122563-10
1.7	5-122563-11
1.8	5-122563-12
1.9	5-122563-13

DIA MM SIZE	ITEM NUMBER
2.0	5-122563-14
2.1	5-122563-15
2.2	5-122563-16
2.3	5-122563-17
2.4	5-122563-18
2.5	5-122563-19
2.6	5-122563-20
2.7	5-122563-21
2.8	5-122563-22
2.9	5-122563-23
3.0	5-122563-24
3.1	5-122563-25
3.2	5-122563-26
3.3	5-122563-27
3.4	5-122563-28
3.5	5-122563-29

DIA MM SIZE	ITEM NUMBER
3.6	5-122563-30
3.7	5-122563-31
3.8	5-122563-32
3.9	5-122563-33
4.0	5-122563-34
4.1	5-122563-35
4.2	5-122563-36
4.3	5-122563-37
4.4	5-122563-38
4.5	5-122563-39
4.6	5-122563-40
4.7	5-122563-41
4.8	5-122563-43
5.0	5-122563-46
5.2	5-122563-42
5.6	5-122563-45
6.0	5-122563-44

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SCHLEUNIGER CS 9100 MACHINE SERIES

COLLINEAR RADIUS CUT / STRIP BLADES CLASS: CL-R



COLLINEAR RADIUS CUT / STRIP BLADE

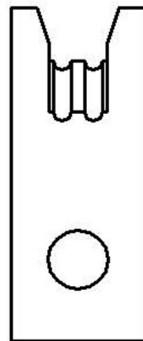
The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- For blades to meet your specific application, please contact Lakes Precision, Inc.

- *TC Coating Available / Wire Samples Required* -



5-122565

ITEM NUMBER	DESCRIPTION	CLASS
5-122565	2 CONDUCTOR CUT / STRIP	CL-R

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SCHLEUNIGER ES 9300 MACHINE SERIES

TRU-RADIUS “V” CUT / STRIP BLADES CLASS: TR-V

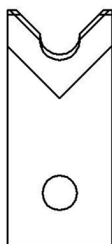
TRU-RADIUS “V” CUT / STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



5-122573-XX

DIA MM SIZE	ITEM NUMBER
0.4	5-122573-42
0.5	5-122573-43
0.6	5-122573-44
0.7	5-122573-1
0.8	5-122573-2
0.9	5-122573-3
1.0	5-122573-4
1.1	5-122573-5
1.2	5-122573-6
1.3	5-122573-7
1.4	5-122573-8
1.5	5-122573-9
1.6	5-122573-10
1.7	5-122573-11
1.8	5-122573-12

DIA MM SIZE	ITEM NUMBER
1.9	5-122573-13
2.0	5-122573-14
2.1	5-122573-15
2.2	5-122573-16
2.3	5-122573-17
2.4	5-122573-18
2.5	5-122573-19
2.6	5-122573-20
2.7	5-122573-21
2.8	5-122573-22
2.9	5-122573-23
3.0	5-122573-24
3.1	5-122573-25
3.2	5-122573-26
3.3	5-122573-27

DIA MM SIZE	ITEM NUMBER
3.4	5-122573-28
3.5	5-122573-29
3.6	5-122573-30
3.7	5-122573-31
3.8	5-122573-32
3.9	5-122573-33
4.0	5-122573-34
4.1	5-122573-35
4.2	5-122573-36
4.3	5-122573-37
4.4	5-122573-38
4.5	5-122573-39
4.6	5-122573-40
4.7	5-122573-41

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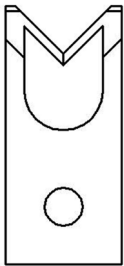
• EMAIL: BLADES@LAKESPRECISION.COM •

UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



5-122945

ITEM NUMBER	DESCRIPTION	CLASS
5-122945	UNIVERSAL CUT/ STRIP	UN-V

SCHLEUNIGER ES 9300 MACHINE SERIES

TANGENT ANGLE “V” STRIP BLADES CLASS: TA-V



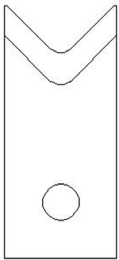
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



5-124248

5-124248-X CONSISTS OF (2) 124248-X, (2) 122562-2 & (1) 122327-2

ITEM NUMBER	RADIUS MM SIZE	CLASS
5-124248-0.4	0.2	TA-V
5-124248-0.9	0.45	TA-V
5-124248-1.0	0.5	TA-V
5-124248-1.3	0.65	TA-V
5-124248-1.5	0.75	TA-V
5-124248-1.6	0.8	TA-V
5-124248-2.0	1.0	TA-V
5-124248-2.6	1.3	TA-V
5-124248-3.0	1.5	TA-V
5-124248-4.0	2.0	TA-V
5-124248-6.0	3.0	TA-V

SCHLEUNIGER ES 9300 MACHINE SERIES

TRU-RADIUS “V” CUT / STRIP BLADES CLASS: TR-V



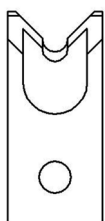
TRU-RADIUS “V” CUT / STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



5-122944

DIA MM SIZE	ITEM NUMBER	DIA MM SIZE	ITEM NUMBER	DIA MM SIZE	ITEM NUMBER	DIA MM SIZE	ITEM NUMBER
0.4	5-122944-84	2.5	5-122944-16	4.7	5-122944-38	6.9	5-122944-60
0.5	5-122944-82	2.6	5-122944-17	4.8	5-122944-39	7.0	5-122944-61
0.6	5-122944-86	2.7	5-122944-18	4.9	5-122944-40	7.1	5-122944-62
0.7	5-122944-87	2.8	5-122944-19	5.0	5-122944-41	7.2	5-122944-63
0.75	5-122944-83	2.9	5-122944-20	5.1	5-122944-42	7.3	5-122944-64
0.80	5-122944-88	3.0	5-122944-21	5.2	5-122944-43	7.4	5-122944-65
0.9	5-122944-85	3.1	5-122944-22	5.3	5-122944-44	7.5	5-122944-66
1.0	5-122944-1	3.2	5-122944-23	5.4	5-122944-45	7.6	5-122944-67
1.1	5-122944-2	3.3	5-122944-24	5.5	5-122944-46	7.7	5-122944-68
1.2	5-122944-3	3.4	5-122944-25	5.6	5-122944-47	7.8	5-122944-69
1.3	5-122944-4	3.5	5-122944-26	5.7	5-122944-48	7.9	5-122944-70
1.4	5-122944-5	3.6	5-122944-27	5.8	5-122944-49	8.0	5-122944-71
1.5	5-122944-6	3.7	5-122944-28	5.9	5-122944-50	8.1	5-122944-72
1.6	5-122944-7	3.8	5-122944-29	6.0	5-122944-51	8.2	5-122944-73
1.7	5-122944-8	3.9	5-122944-30	6.1	5-122944-52	8.3	5-122944-74
1.8	5-122944-9	4.0	5-122944-31	6.2	5-122944-53	8.4	5-122944-75
1.9	5-122944-10	4.1	5-122944-32	6.3	5-122944-54	8.5	5-122944-76
2.0	5-122944-11	4.2	5-122944-33	6.4	5-122944-55	8.6	5-122944-77
2.1	5-122944-12	4.3	5-122944-34	6.5	5-122944-56	8.7	5-122944-78
2.2	5-122944-13	4.4	5-122944-35	6.6	5-122944-57	8.8	5-122944-79
2.3	5-122944-14	4.5	5-122944-36	6.7	5-122944-58	8.9	5-122944-80
2.4	5-122944-15	4.6	5-122944-37	6.8	5-122944-59	9.0	5-122944-81

• THREE LAKES, WI (715) 546-3070 • **CONTACT LAKES PRECISION** • EL PASO, TX (915) 856-6606 •

• EMAIL: BLADES@LAKESPRECISION.COM •

SCHLEUNIGER ES 9300 MACHINE SERIES

2V UNIVERSAL CUT / STRIP BLADES CLASS: UN-V

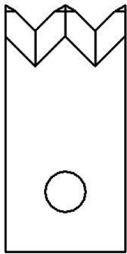


UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



5-124434

ITEM NUMBER	OEM #	DESCRIPTION	CLASS
5-124434-1	401.7540	UNIVERSAL CUT/ STRIP	UN-V

SCHLEUNIGER PS 9500 MACHINE SERIES

TRU-RADIUS “V” STRIP BLADES CLASS: TR-V

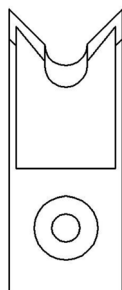
TRU-RADIUS “V” STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



5-122567-XX

DIA MM SIZE	OEM #	ITEM NUMBER
0.4	PSP401.9502	5-122567-91
0.45	-----	5-122567-106
0.5	PSP401.9503	5-122567-88
0.55	-----	5-122567-92
0.6	PSP401.9504	5-122567-82
0.65	-----	5-122567-107
0.7	PSP401.9505	5-122567-90
0.8	PSP401.9506	5-122567-83
0.9	PSP401.9507	5-122567-93
1.0	PSP401.9508	5-122567-1
1.1	PSP401.9509	5-122567-2
1.2	PSP401.9510	5-122567-3
1.3	PSP401.9511	5-122567-4
1.4	PSP401.9512	5-122567-5
1.5	PSP401.9513	5-122567-6

DIA MM SIZE	OEM #	ITEM NUMBER
1.6	PSP401.9514	5-122567-7
1.7	-----	5-122567-8
1.8	PSP401.9516	5-122567-9
1.9	-----	5-122567-10
2.0	PSP401.9518	5-122567-11
2.1	-----	5-122567-12
2.2	PSP401.9520	5-122567-13
2.3	-----	5-122567-14
2.4	PSP401.9522	5-122567-15
2.5	-----	5-122567-16
2.6	PSP401.9524	5-122567-17
2.7	-----	5-122567-18
2.8	PSP401.9526	5-122567-19
2.9	-----	5-122567-20
3.0	PSP401.9528	5-122567-21

SCHLEUNIGER PS 9500 MACHINE SERIES

TRU-RADIUS “V” STRIP BLADES CLASS: TR-V

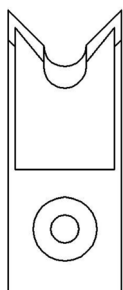
- ADDITIONAL PART NUMBER'S ON SUCCEEDING PAGE -

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SCHLEUNIGER PS 9500 MACHINE SERIES

TRU-RADIUS “V” STRIP BLADES CLASS: TR-V ADDITIONAL PART NUMBER’S



5-122567-XX

DIA MM SIZE	OEM #	ITEM NUMBER
3.1	-----	5-122567-22
3.2	PSP401.9530	5-122567-23
3.3	-----	5-122567-24
3.4	PSP401.9532	5-122567-25
3.5	PSP401.9533	5-122567-26
3.6	PSP401.9534	5-122567-27
3.7	-----	5-122567-28
3.8	PSP401.9536	5-122567-29
3.9	-----	5-122567-30
4.0	PSP401.9538	5-122567-31
4.1	-----	5-122567-32
4.2	PSP401.9540	5-122567-33
4.3	-----	5-122567-34
4.4	PSP401.9542	5-122567-35
4.5	PSP401.9543	5-122567-36
4.6	PSP401.9544	5-122567-37
4.7	-----	5-122567-38
4.8	PSP401.9546	5-122567-39
4.9	-----	5-122567-40
5.0	PSP401.9548	5-122567-41
5.1	-----	5-122567-42
5.2	-----	5-122567-43
5.3	-----	5-122567-44
5.4	-----	5-122567-45
5.5	PSP401.9553	5-122567-46
5.6	-----	5-122567-47

DIA MM SIZE	OEM #	ITEM NUMBER
5.7	-----	5-122567-48
5.8	-----	5-122567-49
5.9	-----	5-122567-50
6.0	PSP401.9558	5-122567-51
6.1	-----	5-122567-52
6.2	-----	5-122567-53
6.3	-----	5-122567-54
6.4	-----	5-122567-55
6.5	PSP401.9563	5-122567-56
6.6	-----	5-122567-57
6.7	-----	5-122567-58
6.8	-----	5-122567-59
6.9	-----	5-122567-60
7.0	PSP401.9568	5-122567-61
7.1	-----	5-122567-62
7.2	PSP401.9570	5-122567-63
7.3	-----	5-122567-64
7.4	-----	5-122567-65
7.5	PSP401.9573	5-122567-66
7.6	-----	5-122567-67
7.7	-----	5-122567-68
7.8	-----	5-122567-69
7.9	-----	5-122567-70
8.0	PSP401.9578	5-122567-71
8.1	-----	5-122567-72
8.2	-----	5-122567-73

DIA MM SIZE	OEM #	ITEM NUMBER
8.3	-----	5-122567-74
8.4	-----	5-122567-75
8.5	PSP401.9583	5-122567-76
8.6	-----	5-122567-77
8.7	-----	5-122567-78
8.8	-----	5-122567-79
8.9	-----	5-122567-80
9.0	PSP401.9588	5-122567-81
9.1	-----	5-122567-105
9.3	-----	5-122567-99
9.5	PSP401.9593	5-122567-85
9.7	-----	5-122567-100
9.9	-----	5-122567-89
10.0	PSP401.9598	5-122567-84
10.1	-----	5-122567-104
10.3	-----	5-122567-98
10.4	-----	5-122567-94
10.5	PSP401.9597	5-122567-95
10.6	-----	5-122567-96
10.7	-----	5-122567-101
11.0	PSP401.9599	5-122567-87
11.2	-----	5-122567-102
11.4	-----	5-122567-103
11.5	-----	5-122567-97
12.0	PSP401.9600	5-122567-86

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SCHLEUNIGER PS 9500 MACHINE SERIES

UNIVERSAL STRIP BLADES CLASS: UNI-V



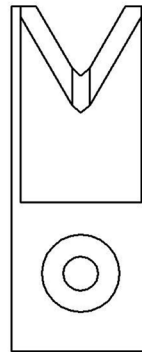
PATENTED DESIGN UNI-V UNIVERSAL STRIP BLADES

The sharp edge is ground to an arc that has a small radius. The entry angle lines meet the arc at a tangent point. Unique to this from is an auxiliary angle that intersects the entry angle. This results in greater insulation penetration and a better strip. This patented blade type allows wire sizes from 26 awg to 10 awg to be processed using a single set of blades.

- MADE TO CUSTOMER WIRE SAMPLE -

PLEASE SEND WIRE SAMPLES TO LAKES PRECISION, INC.

- *TC Coating Available* -



5-123036

PATENTED UNI-V

5-123036-XX CONSISTS OF:(2) 123036, (2) 122562-2, & (1) 122327-2

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SCHLEUNIGER PS 9500 MACHINE SERIES

2 CONDUCTOR COLLINEAR RADIUS CUT / STRIP BLADES CLASS: CL-R



COLLINEAR RADIUS CUT / STRIP BLADE

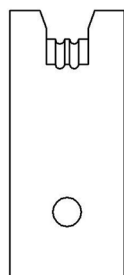
The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- For blades to meet your specific application, please contact Lakes Precision, Inc.

- TC Coating Available / Wire Sample Required -



5-122572-XX
OEM # 401.9909

ITEM NUMBER	MARK	ITEM NUMBER	MARK	ITEM NUMBER	MARK	ITEM NUMBER	MARK
5-122572-1	1.2 / 2.0 2L 5.8	5-122572-20	1.7 / 3.1 2L 7.6	5-122572-39	1.7 / 2.8 2L 5.6	5-122572-58	1.2 / 3.5 2L 7.1
5-122572-2	2.3 / 2.0 2L 5.8	5-122572-21	3.1 / 4.55 2L 9.10	5-122572-40	1.1 / 2.0 2L 4.4	5-122572-59	1.7 / 3.7 2L 7.1
5-122572-3	1.6 / 2.3 2L 6.35	5-122572-22	2.4 / 3.2 2L 6.4	5-122572-41	1.6 / 3.8 2L 8.2	5-122572-60	1.4 / 3.2 2L 6.1
5-122572-4	2.8 / 2.3 2L 6.35	5-122572-23	1.8 / 2.6 2L 5.2	5-122572-42	1.1 / 2.05 2L 3.7	5-122572-61	1.3 / 2.8 2L 5.6
5-122572-5	1.0 / 1.5 2L 3.0	5-122572-24	1.0 / 2.0 2L 4.0	5-122572-43	1.5 / 3.0 2L 5.5	5-122572-62	1.6 / 3.0 2L 6.2
5-122572-6	3.5 / 3.4 2L 7.7	5-122572-25	1.5 / 2.3 2L 4.6	5-122572-44	0.9 / 1.3 2L 2.6	5-122572-63	1.8 / 3.3 2L 6.7
5-122572-7	1.5 / 3.4 2L 7.7	5-122572-26	2.0 / 2.8 2L 5.6	5-122572-45	1.8 / 1.8 2L 4.0	5-122572-64	0.7 / 1.1 2L 2.4
5-122572-8	1.2 / 4.9 2L 6.4	5-122572-27	2.2 / 3.0 2L 6.0	5-122572-46	1.8 / 1.6 2L 3.9	5-122572-65	0.4 / 0.7 2L 1.9
5-122572-9	0.9 / 1.6 2L 3.3	5-122572-28	2.6 / 4.7 2L 8.6	5-122572-47	1.1 / 1.6 2L 3.2	5-122572-66	1.10 / 3.8 2L 8.4
5-122572-10	1.0 / 2.0 2L 3.5	5-122572-29	1.5 / 2.3 2L 4.8	5-122572-48	1.2 / 2.1 2L 5.4	5-122572-67	1.20 / 3.7 2L 7.0
5-122572-11	1.0 / 2.9 2L 6.1	5-122572-30	1.2 / 2.3 2L 6.1	5-122572-49	1.6 / 2.3 2L 4.8	5-122572-68	1.10 / 3.3 2L 6.9
5-122572-12	1.9 / 2.9 2L 6.1	5-122572-31	1.2 / 2.3 2L 5.5	5-122572-50	1.8 / 2.9 2L 5.9	5-122572-69	1.40 / 3.70 2L 7.9
5-122572-13	2.0 / 3.2 2L 6.6	5-122572-32	1.7 / 2.7 2L 6.6	5-122572-51	1.0 / 1.5 2L 4.6	5-122572-70	1.20 / 3.40 2L 7.7
5-122572-14	2.5 / 3.6 2L 7.2	5-122572-33	1.3 / 2.4 2L 5.8	5-122572-52	1.1 / 1.8 2L 3.6	5-122572-71	0.60 / 1.3 2L 2.5
5-122572-15	1.5 / 3.2 2L 6.6	5-122572-34	2.0 / 3.0 2L 7.2	5-122572-53	1.4 / 2.2 2L 4.4	5-122572-72	0.80 / 1.6 2L 3.4
5-122572-16	1.2 / 2.4 2L 4.9	5-122572-35	1.3 / 2.5 2L 5.0	5-122572-54	1.8 / 1.5 2L 3.8	5-122572-73	3.70 / 4.50 2L 9.7
5-122572-17	1.3 / 3.1 2L 7.6	5-122572-36	1.2 / 2.7 2L 5.4	5-122572-55	1.1 / 1.5 2L 3.8	5-122572-74	3.10 / 5.10 2L 9.6
5-122572-18	0.9 / 2.0 2L 4.6	5-122572-37	0.3 / 0.4 2L 0.97	5-122572-56	1.0 / 1.3 2L 2.6	5-122572-75	0.85 / 1.25 2L 2.5
5-122572-19	1.5 / 2.0 2L 4.2	5-122572-38	1.9 / 2.7 2L 5.4	5-122572-57	1.0 / 2.1 2L 4.2	5-122573-76	1.60 / 2.25 2L 4.5

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SCHLEUNIGER PS 9500 MACHINE SERIES

3 CONDUCTOR COLLINEAR RADIUS STRIP BLADES CLASS: CL-R



COLLINEAR RADIUS STRIP BLADE

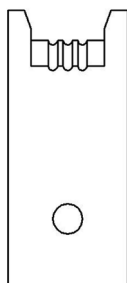
The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- For blades to meet your specific application, please contact Lakes Precision, Inc.

- TC Coating Available / Wire Sample Required -



5-123390-XX

OEM # 401.9911

5-123390 INCLUDES:

(2) 123390-X, (2)

122562-2 & (1)

122327-2

MARK	ITEM NUMBER	DESCRIPTION
1.6 / 2.2 3L 6.6	5-123390-1	3 CONDUCTOR CUT / STRIP
2.2 / 3.1 3L 9.3	5-123390-2	3 CONDUCTOR CUT / STRIP
1.3 / 2.6 3L 7.6	5-123390-3	3 CONDUCTOR CUT / STRIP
1.5 / 2.03L 6.2	5-123390-4	3 CONDUCTOR CUT / STRIP
1.5 / 2.05 3L 6.15	5-123390-5	3 CONDUCTOR CUT / STRIP
1.2 / 1.5 3L 4.5	5-123390-6	3 CONDUCTOR CUT / STRIP
1.5 / 2.6 3L 7.8	5-123390-7	3 CONDUCTOR CUT / STRIP
1.3 / 2.2 3L 6.6	5-123390-8	3 CONDUCTOR CUT / STRIP
1.8 / 2.8 3L 8.4	5-123390-9	3 CONDUCTOR CUT / STRIP
0.8 / 1.5 3L 4.3	5-123390-10	3 CONDUCTOR CUT / STRIP
1.3 / 2.7 3L 8.0	5-123390-11	3 CONDUCTOR CUT / STRIP
1.3 / 2.5 3L 8.9	5-123390-12	3 CONDUCTOR CUT / STRIP
1.6 / 2.7 3L 9.4	5-123390-13	3 CONDUCTOR CUT / STRIP
2.0 / 3.0 3L 10.3	5-123390-14	3 CONDUCTOR CUT / STRIP
0.45 / 1.27 3L 3.8	5-123390-15	3 CONDUCTOR CUT / STRIP

MARK	ITEM NUMBER	DESCRIPTION
0.8 / 2.0 3L 6.6	5-123390-16	3 CONDUCTOR CUT / STRIP
1.6 / 2.8 3L 8.8	5-123390-17	3 CONDUCTOR CUT / STRIP
0.7 / 1.9 3L 4.9	5-123390-18	3 CONDUCTOR CUT / STRIP
0.9 / 1.3 3L 3.9	5-123390-19	3 CONDUCTOR CUT / STRIP
0.9 / 2.6 3L 6.4	5-123390-20	3 CONDUCTOR CUT / STRIP
1.6 / 2.5 3L 7.5	5-123390-21	3 CONDUCTOR CUT / STRIP
1.3 / 2.9 3L 8.7	5-123390-22	3 CONDUCTOR CUT / STRIP
1.2 / 2.7 3L 8.5	5-123390-23	3 CONDUCTOR CUT / STRIP
1.6 / 2.9 3L 6.1	5-123390-24	3 CONDUCTOR CUT / STRIP
2.0 / 3.2 3L 7.0	5-123390-25	3 CONDUCTOR CUT / STRIP
1.5 / 2.8 3L 8.4	5-123390-26	3 CONDUCTOR CUT/STRIP
1.3 / 2.5 3L 8.65	5-123390-27	3 CONDUCTOR CUT / STRIP
1.3 / 2.7 3L 9.5	5-123390-28	3 CONDUCTOR CUT / STRIP
1.3 / 2.2 3L 7.15	5-123390-29	3 CONDUCTOR CUT / STRIP
1.8 / 3.15 3L 9.45	5-123390-30	3 CONDUCTOR CUT/ STRIP
0.90 / 2.54 3L 6.50	5-123390-31	3 CONDUCTOR CUT / STRIP

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• EMAIL: BLADES@LAKESPRECISION.COM •

SCHLEUNIGER PS 9500 MACHINE SERIES

4 CONDUCTOR COLLINEAR RADIUS STRIP BLADES CLASS: CL-R

COLLINEAR RADIUS STRIP BLADE

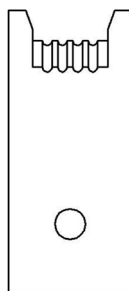
The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- For blades to meet your specific application, please contact Lakes Precision, Inc.

- *TC Coating Available / Wire Sample Required -*



5-123317

OEM # 401.9913

5-123317 INCLUDES (2) 123317-X, (2) 122562-2 & (1) 122327-2

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
1.2 / 2.4 4L 8.6	5-123317-1	4 COND CUT / STRIP
0.8 / 2.5 4L 9.0	5-123317-2	4 COND CUT / STRIP
1.2 / 2.0 4L 7.4	5-123317-3	4 COND CUT / STRIP
0.8 / 1.3 4L 5.2	5-123317-4	4 COND CUT / STRIP
0.7 / 1.4 4L 5.6	5-123317-5	4 COND CUT / STRIP
0.6 / 1.1 4L 4.4	5-123317-6	4 COND CUT / STRIP
0.9 / 1.3 4L 5.1	5-123317-7	4 COND CUT / STRIP
1.5 / 2.7 4L 11.0	5-123317-8	4 COND CUT / STRIP
0.6 / 2.54 4L 12.7	5-123317-9	4 COND CUT / STRIP
1.8 / 2.7 4L 10.7	5-123317-10	4 COND CUT / STRIP
1.0 / 2.5 4L 9.8	5-123317-11	4 COND CUT / STRIP
1.3 / 2.5 4L 9.8	5-123317-12	4 COND CUT / STRIP
1.3 / 0.95 4L 5.2	5-123317-13	4 COND CUT / STRIP
1.4 / 2.7 4L 10.8	5-123317-14	4 COND CUT / STRIP
0.6 / 1.0 4L 3.7	5-123317-15	4 COND CUT / STRIP
0.5 / 1.27 4L 5.1	5-123317-16	4 COND CUT / STRIP
1.0 / 1.35 4L 5.4	5-123317-17	4 COND CUT / STRIP

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• EMAIL: BLADES@LAKESPRECISION.COM •

SCHLEUNIGER PS 9500 MACHINE SERIES

COLLINEAR ANGLE CUT-OFF BLADES CLASS: CL-A



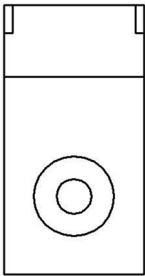
COLLINEAR ANGLE CUT-OFF BLADE

Sharp edges cut by compression.

This class of blade was designed to allow positive control of cutter head closure. It also allows precision processing of specific wire sizes with an inherent blade longevity.

This type of blade is used with collinear radius strip blades.

- *TC Coating Available* -



122950

ITEM NUMBER	DESCRIPTION	CLASS
122950	CL-A CUT-OFF	CL-A

SCHLEUNIGER PS 9500 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V

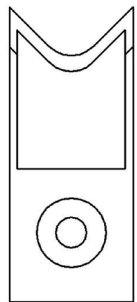
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



5-123040

DIAMM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
0.4	5-123040-12	-----	TA-V STRIP
1.0	5-123040-7	-----	TA-V STRIP
1.3	5-123040-14	-----	TA-V STRIP
1.6	5-123040-16	-----	TA-V STRIP
2.0	5-123040-5	-----	TA-V STRIP
2.8	5-123040-17	-----	TA-V STRIP
3.0	5-123040-6	-----	TA-V STRIP
2.4	5-123040-11	-----	TA-V STRIP
3.4	5-123040-10	-----	TA-V STRIP
3.5	5-123040-18	-----	TA-V STRIP
4.0	5-123040-1	401.9953	TA-V STRIP
4.3	5-123040-19	-----	TA-V STRIP
4.5	5-123040-26	-----	TA-V STRIP
4.8	5-123040-20	-----	TA-V STRIP
5.0	5-123040-27	-----	TA-V STRIP

DIAMM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
5.2	5-123040-21	-----	TA-V STRIP
5.5	5-123040-22	-----	TA-V STRIP
6.0	5-123040-2	401.9954	TA-V STRIP
6.2	5-123040-23	-----	TA-V STRIP
6.5	5-123040-9	-----	TA-V STRIP
6.6	5-123040-8	-----	TA-V STRIP
7.0	5-123040-29	-----	TA-V STRIP
8.0	5-123040-3	401.9955	TA-V STRIP
9.0	5-123040-4	-----	TA-V STRIP
9.7	5-123040	-----	TA-V STRIP
10.0	5-123040-15	-----	TA-V STRIP
10.8	5-123040-25	-----	TA-V STRIP
12.0	5-123040-13	-----	TA-V STRIP
13.0	5-123040-28	-----	TA-V STRIP

SCHLEUNIGER PS 9500 MACHINE SERIES

WIDE ENTRY ANGLE CUT / STRIP BLADES CLASS: WE-A

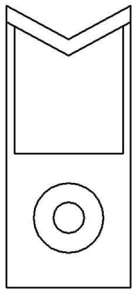


WIDE ENTRY ANGLE

The sharp edge is ground at an angle that results in a “V” opening above 90 degrees.

Characteristics: Wide angle is not as effective for gathering wire towards the operating radius. This type works well for gathering thick, soft insulations, (such as ignition wire).

- TC Coating Available -



5-122844

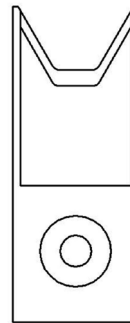
ITEM NUMBER	DESCRIPTION	CLASS
5-122844	WE-A CUT / STRIP	WE-A

SPECIAL APPLICATION BLADES

Lakes Precision, Inc. also provides blades for special applications. A few examples are shown here. For blades to meet your specific application please contact Lakes Precision, Inc.

- SEND CUSTOMER WIRE SAMPLE TO LAKES PRECISION, INC.

- *TC Coating Available* -



5-123010

5-123010-XX CONSISTS OF:(2) 123010-XX, (2) 122562-2, & (1) 122327-2-

SCHLEUNIGER PS 9500 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: NE-A / TA-V

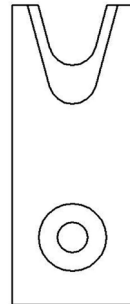
TANGENT RADIUS “V” CUT / STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



5-123227

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
6.4	5-123227-1	NE-A / TA-V STRIP
7.9	5-123227-2	NE-A / TA-V STRIP

5-123227 CONSISTS OF: (2) 123227, (2) 122562-2 & (1) 122327-2

SCHLEUNIGER PS 9500 MACHINE SERIES

UNIVERSAL CUT / STRIP BLADES (3 BLADES OPTION) CLASS: UN-V

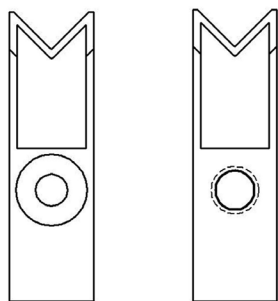


UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



123289

123290

5-123291

MM WIDTH	ITEM NUMBER	OEM #	DESCRIPTION
10.6	5-123291	401.9010	UN-V CUT / STRIP

5-123291 CONSISTS OF 1PC. 123289 & 1PC. 123290

SCHLEUNIGER PS 9500 MACHINE SERIES

TRU-RADIUS CUT / STRIP BLADES (3 BLADE OPTION) CLASS: TR-V



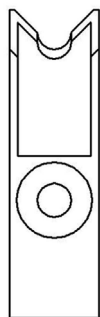
TRU-RADIUS CUT / STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

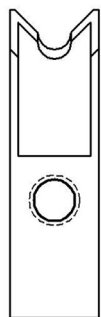
Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123292-XX



123293-XX

5-123294-XX

5-123294 CONSISTS OF 1PC. 123292-XX & 1PC. 123293-XX

DIA MM SIZE	OEM #	ITEM NUMBER
0.4	PSP401.9602	5-123294-64
0.5	PSP401.9603	5-123294-65
0.6	PSP401.9604	5-123294-66
0.7	PSP401.9605	5-123294-67
0.8	PSP401.9606	5-123294-68
0.9	PSP401.9607	5-123294-69
1.0	PSP401.9608	5-123294-1
1.1	PSP401.9609	5-123294-2
1.2	PSP401.9610	5-123294-3
1.3	PSP401.9611	5-123294-4
1.4	PSP401.9612	5-123294-5
1.5	PSP401.9613	5-123294-6
1.6	PSP401.9614	5-123294-7

DIA MM SIZE	OEM #	ITEM NUMBER
1.7	PSP401.9615	5-123294-8
1.8	PSP401.9616	5-123294-9
1.9	PSP401.9617	5-123294-10
2.0	PSP401.9618	5-123294-11
2.1	PSP401.9619	5-123294-12
2.2	PSP401.9620	5-123294-13
2.3	PSP401.9621	5-123294-14
2.4	PSP401.9622	5-123294-15
2.5	PSP401.9623	5-123294-16
2.6	PSP401.9624	5-123294-17
2.7	PSP401.9625	5-123294-18
2.8	PSP401.9626	5-123294-19
2.9	PSP401.9627	5-123294-20

SCHLEUNIGER PS 9500 MACHINE SERIES

TRU-RADIUS CUT / STRIP BLADES (3 BLADE OPTION) CLASS: TR-V

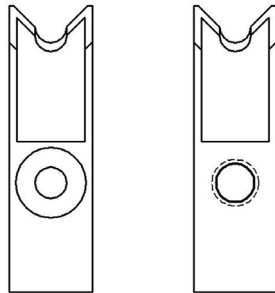
- ADDITIONAL PART NUMBER'S ON SUCCEEDING PAGE -

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SCHLEUNIGER PS 9500 MACHINE SERIES

TRU-RADIUS CUT / STRIP BLADES (3 BLADE OPTION) CLASS: TR-V



123292-XX

123293-XX

5-123294-XX

5-123294 CONSISTS OF 1PC. 123292-XX & 1PC. 123293-XX

DIA MM SIZE	OEM #	ITEM NUMBER
3.0	PSP401.9628	5-123294-21
3.1	PSP401.9629	5-123294-22
3.2	PSP401.9630	5-123294-23
3.3	PSP401.9631	5-123294-24
3.4	PSP401.9632	5-123294-25
3.5	PSP401.9633	5-123294-26
3.6	PSP401.9634	5-123294-27
3.7	PSP401.9635	5-123294-28
3.8	PSP401.9636	5-123294-29
3.9	PSP401.9637	5-123294-30
4.0	PSP401.9638	5-123294-31
4.1	PSP401.9639	5-123294-32
4.2	PSP401.9640	5-123294-33
4.3	PSP401.9641	5-123294-34
4.4	PSP401.9642	5-123294-35
4.5	PSP401.9643	5-123294-36
4.6	PSP401.9644	5-123294-37
4.7	PSP401.9645	5-123294-38
4.8	PSP401.9646	5-123294-39
4.9	PSP401.9647	5-123294-40
5.0	PSP401.9648	5-123294-41
5.1	PSP401.9649	5-123294-42

DIA MM SIZE	OEM #	ITEM NUMBER
5.2	PSP401.9650	5-123294-43
5.3	PSP401.9651	5-123294-44
5.4	PSP401.9652	5-123294-45
5.5	PSP401.9653	5-123294-46
5.6	PSP401.9654	5-123294-47
5.7	PSP401.9655	5-123294-48
5.8	PSP401.9656	5-123294-49
5.9	PSP401.9657	5-123294-50
6.0	PSP401.9658	5-123294-51
6.1	PSP401.9659	5-123294-52
6.2	PSP401.9660	5-123294-53
6.3	PSP401.9661	5-123294-54
6.4	PSP401.9662	5-123294-55
6.5	PSP401.9663	5-123294-56
6.6	PSP401.9664	5-123294-57
6.7	PSP401.9665	5-123294-58
6.8	PSP401.9666	5-123294-59
6.9	PSP401.9667	5-123294-60
7.0	PSP401.9668	5-123294-62
7.2	PSP401.9670	5-123294-61
7.5	PSP401.9673	5-123294-70
8.0	PSP401.9678	5-123294-71
8.5	-----	5-123294-63

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SCHLEUNIGER PS 9500RS MACHINE SERIES

COLLINEAR ANGLE ROTARY STRIP BLADES CLASS: CL-A



COLLINEAR ANGLE ROTARY STRIP BLADES

Sharp edge is ground to a flat collinear angle.

This class of blade was designed to allow multiple conductor wire to be processed with one set of blades. This class is also used in many rotary strip models. The main advantage of this class is the ability to process many different wire gauges with the same blades, (dependent upon machine function).

There will always be a percentage of insulation tear with this class of blade. This class does not work well with thin wall insulation.

- TC Coating Available -



123195

ITEM NUMBER	OEM #	MATERIAL	DESCRIPTION
123195-1	301.9401	TC COATED CARBIDE	CL-A ROTARY STRIP
123195-2	-----	TC COATED A2 TOOL STEEL	CL-A ROTARY STRIP
123195-3	-----	TC COATED M2 TOOL STEEL	CL-A ROTARY STRIP
123195-5	-----	CARBIDE	CLA-ROTARY STRIP

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SCHLEUNIGER PS 9550 MACHINE SERIES

COLLINEAR ANGLE ROTARY STRIP BLADES CLASS: CL-A



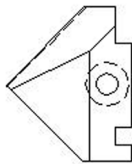
COLLINEAR ANGLE ROTARY STRIP BLADES

Sharp edge is ground to a flat collinear angle.

This class of blade was designed to allow multiple conductor wire to be processed with one set of blades. This class is also used in many rotary strip models. The main advantage of this class is the ability to process many different wire gauges with the same blades, (dependent upon machine function).

There will always be a percentage of insulation tear with this class of blade. This class does not work well with thin wall insulation.

- TC Coating Available -



124571

ITEM NUMBER	MATERIAL
124571-1	TC COATED CARBIDE
124571-2	TC COATED A2 TOOL STEEL
124571-3	TC COATED M2 TOOL STEEL

SCHLEUNIGER PS 9550 MACHINE SERIES

UNIVERSAL CUT / STRIP BLADES CLASS: UN-V

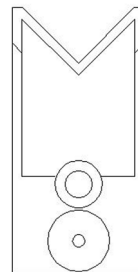


UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



5-124556

5-124556 CONSISTS OF 2PCS. OF 124556
OEM# 419016

SCHLEUNIGER PS 9550 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V



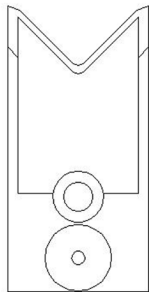
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



5-124505

5-124505-X CONSISTS OF 124505-X 2 PCS

OEM #	RADIUS SIZE MM	ITEM NUMBER
419935	1.00	5-124505-2.00
-----	1.50	5-124505-3.00
416064	2.00	5-124505-4.00
-----	2.80	5-124505-5.60

SCHLEUNIGER PS 9550 MACHINE SERIES

TRU-RADIUS CUT / STRIP BLADES CLASS: TR-V

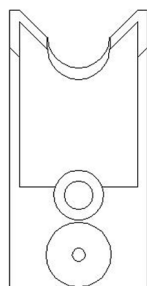
TRU-RADIUS CUT / STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



5-124557

5-124557-X CONSISTS OF 2 PCS. OF 124557-X

DIA MM SIZE	OEM #	ITEM NUMBER
2.50	-----	5-124557-2.50
3.00	416080	5-124557-3.00
3.40	-----	5-124557-3.40
3.50	-----	5-124557-3.50
3.80	-----	5-124557-3.80
4.00	416082	5-124557-4.00
4.50	-----	5-124557-4.50
5.00	416099	5-124557-5.00
5.50	419561	5-124557-5.50
5.80	-----	5-124557-5.80
6.00	416065	5-124557-6.00
6.50	416101	5-124557-6.50
6.70	-----	5-124557-6.70
6.90	-----	5-124557-6.90
7.00	416066	5-124557-7.00

DIA MM SIZE	OEM #	ITEM NUMBER
7.20	-----	5-124557-7.20
7.50	419562	5-124557-7.50
8.00	416067	5-124557-8.00
8.50	416103	5-124557-8.50
9.00	416069	5-124557-9.00
9.50	-----	5-124557-9.50
10.00	416072	5-124557-10.00
10.50	-----	5-124557-10.50
11.00	416073	5-124557-11.00
11.50	-----	5-124557-11.50
12.00	416074	5-124557-12.00
12.50	-----	5-124557-12.50
13.00	416075	5-124557-13.00
13.50	-----	5-124557-13.50
14.00	416077	5-124557-14.00

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SCHLEUNIGER MEGA STRIP 9600 MACHINE SERIES

UNIVERSAL CUT / STRIP BLADES (20 mm) CLASS: UN-V

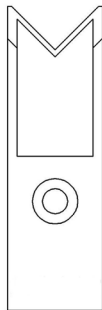


UNIVERSAL CUT / STRIP BLADES

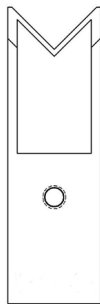
The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



123362



123363

ITEM NUMBER	OEM #	DESCRIPTION
5-123365	402764	WIDE UN-V CUT / STRIP

5-123365

5-123365 CONSISTS OF 1 PC 123362 & 1 PC 123363

SCHLEUNIGER MEGA STRIP 9600 MACHINE SERIES

UNIVERSAL CUT / STRIP BLADES (28 mm) CLASS: UN-V

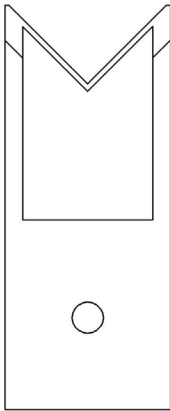


UNIVERSAL CUT / STRIP BLADES

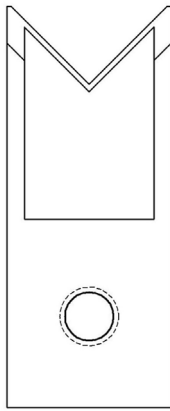
The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



123393



123394

5-123398

5-123398 CONSISTS OF 1 PC 123393 & 1 PC 123394

ITEM NUMBER	OEM #	DESCRIPTION
5-123398	402765	WIDE UN-V CUT / STRIP

SCHLEUNIGER MEGA STRIP 9600 MACHINE SERIES

TRU-RADIUS “V” STRIP BLADES (20 mm) CLASS: TR-V



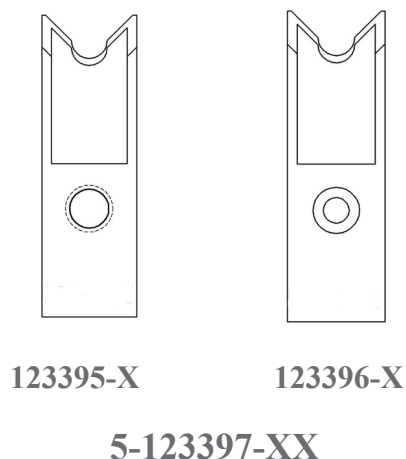
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



ITEM NUMBER	OEM #	DESCRIPTION
5-123397-1.7	-----	TR-V BLADE
5-123397-2.0	402872	TR-V BLADE
5-123397-2.2	-----	TR-V BLADE
5-123397-2.4	-----	TR-V BLADE
5-123397-2.5	402873	TR-V BLADE
5-123397-2.8	-----	TR-V BLADE
5-123397-3.0	402874	TR-V BLADE
5-123397-3.2	-----	TR-V BLADE
5-123397-3.4	-----	TR-V BLADE
5-123397-3.5	402875	TR-V BLADE
5-123397-4.0	402876	TR-V BLADE
5-123397-4.5	402877	TR-V BLADE
5-123397-5.0	402878	TR-V BLADE
5-123397-5.5	402879	TR-V BLADE
5-123397-6.0	402880	TR-V BLADE

ITEM NUMBER	OEM #	DESCRIPTION
5-123397-6.5	402881	TR-V BLADE
5-123397-7.0	402882	TR-V BLADE
5-123397-7.5	402883	TR-V BLADE
5-123397-8.0	402884	TR-V BLADE
5-123397-8.5	402885	TR-V BLADE
5-123397-9.0	402886	TR-V BLADE
5-123397-9.5	402887	TR-V BLADE
5-123397-10.0	402865	TR-V BLADE
5-123397-10.5	402866	TR-V BLADE
5-123397-11.0	402867	TR-V BLADE
5-123397-11.5	402868	TR-V BLADE
5-123397-12.0	402869	TR-V BLADE
5-123397-12.5	402870	TR-B BLADE
5-123397-13.0	402871	TR-V BLADE

5-123397-XX CONSISTS OF 1 PC 123395-X & 1 PC 123396-X

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SCHLEUNIGER MEGA STRIP 9600 MACHINE SERIES

TRU-RADIUS STRIP BLADES (28 mm) CLASS: TR-V



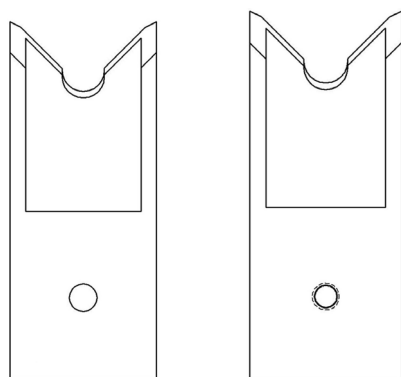
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123302-X

123303-X

5-123399-XX

5-123399-XX
CONSISTS OF
1 PC 123302-X &
1 PC 123303-X

MM SIZE	ITEM NUMBER	OEM #
0.8	5-123399-0.8	-----
1.0	5-123399-1.0	-----
1.3	5-123399-1.3	-----
1.5	5-123399-1.5	-----
2.0	5-123399-2.0	402849
2.4	5-123399-2.4	-----
2.5	5-123399-2.5	402850
2.9	5-123399-2.9	-----
3.0	5-123399-3.0	402851
3.1	5-123399-3.1	-----
3.2	5-123399-3.2	-----
3.4	5-123399-3.4	-----
3.5	5-123399-3.5	402852
3.6	5-123399-3.6	-----

MM SIZE	ITEM NUMBER	OEM #
3.7	5-123399-3.7	-----
3.8	5-123399-3.8	-----
4.0	5-123399-4.0	402853
4.1	5-123399-4.1	-----
4.2	5-123399-4.2	-----
4.3	5-123399-4.3	-----
4.5	5-123399-4.5	402854
4.8	5-123399-4.8	-----
5.0	5-123399-5.0	402855
5.1	5-123399-5.1	-----
5.2	5-123399-5.2	-----
5.5	5-123399-5.5	402856
5.6	5-123399-5.6	-----
5.9	5-123399-5.9	-----

MM SIZE	ITEM NUMBER	OEM #
6.0	5-123399-6.0	402857
6.2	5-123399-6.2	-----
6.5	5-123399-6.5	402858
6.7	5-123399-6.7	-----
6.9	5-123399-6.9	-----
7.0	5-123399-7.0	402859
7.25	5-123399-7.25	-----
7.5	5-123399-7.5	402860
7.6	5-123399-7.6	-----
7.7	5-123399-7.7	-----
7.9	5-123399-7.9	-----
8.0	5-123399-8.0	402861
8.2	5-123399-8.2	-----
8.3	5-123399-8.3	-----

SCHLEUNIGER PS 9600 MACHINE SERIES

TRU-RADIUS CUT / STRIP BLADES CLASS: TR-V

- ADDITIONAL PART NUMBER'S ON SUCCEEDING PAGE -

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SCHLEUNIGER MEGA STRIP 9600 MACHINE SERIES

TRU-RADIUS STRIP BLADES (28 mm) CLASS: TR-V

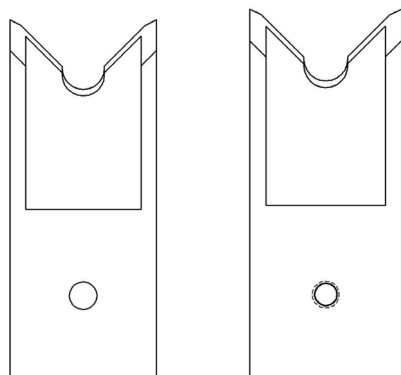
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123302-X

123303-X

5-123399-XX

5-123399-XX
CONSISTS OF
1 PC 123302-X &
1 PC 123303-X

8.4	5-123399-8.4	-----
MM SIZE	ITEM NUMBER	OEM #
8.5	5-123399-8.5	402862
8.8	5-123399-8.8	-----
9.0	5-123399-9.0	402863
9.2	5-123399-9.2	-----
9.5	5-123399-9.5	402864
9.6	5-123399-9.3	-----
10.0	5-123399-10.0	402836
10.2	5-123399-10.2	-----
10.5	5-123399-10.5	402837
10.6	5-123399-10.6	-----
11.0	5-123399-11.0	402838
11.5	5-123399-11.5	402839
11.7	5-123399-11.7	-----
12.0	5-123399-12.0	402840

12.5	5-123399-12.5	402841
MM SIZE	ITEM NUMBER	OEM #
13.0	5-123399-13.0	402842
13.5	5-123399-13.5	-----
13.9	5-123399-13.9	-----
14.0	5-123399-14.0	402843
14.5	5-123399-14.5	-----
14.7	5-123399-14.7	-----
15.0	5-123399-15.0	402844
15.5	5-123399-15.5	-----
16.0	5-123399-16.0	402845
16.5	5-123399-16.5	-----
17.0	5-123399-17.0	402846
18.0	5-123399-18.0	402847
19.0	5-123399-19.0	402848

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SCHLEUNIGER MEGA STRIP 9600 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES (28 mm) CLASS: TA-V

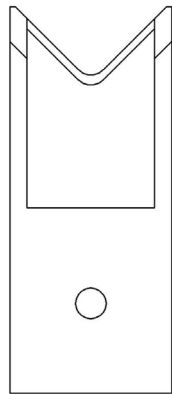
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

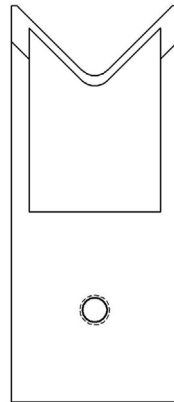
Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



123304



123305

5-123400

5-123400-XX CONSISTS OF 1 PC 123304-X & 1 PC 123305-X

MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
5.0	5-123400-5.0	-----	TA-V STRIP
6.0	5-123400-6.0	402767	TA-V STRIP
6.5	5-123400-6.5	-----	TA-V STRIP
7.0	5-123400-7.0	-----	TA-V STRIP
8.5	5-123400-8.5	-----	TA-V STRIP
9.0	5-123400-9.0	-----	TA-V STRIP
10.0	5-123400-10.0	-----	TA-V STRIP
10.5	5-123400-10.5	-----	TA-V STRIP
12.0	5-123400-12.0	-----	TA-V STRIP
14.0	5-123400-14.0	-----	TA-V STRIP
18.0	5-123400-18.0	-----	TA-V STRIP

SCHLEUNIGER MEGA STRIP 9600 MACHINE SERIES

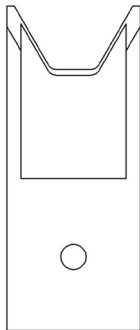
OVAL CUT / STRIP BLADES (28 mm) CLASS: TA-V



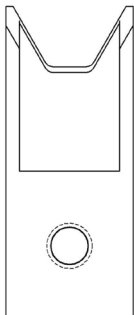
Lakes Precision, Inc. also provides blades for special applications. A few examples are shown here. For blades to meet your specific application please contact Lakes Precision, Inc.

- SEND CUSTOMER WIRE SAMPLE TO LAKES PRECISION, INC.

- *TC Coating Available* -



123827-X



123828-X

DIA MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
3.9-3.6CC	5-123829-1	-----	OVAL TA-V STRIP
3.9-7.2CC	5-123829-2	-----	OVAL TA-V STRIP
3.9-10.8CC	5-123829-3	-----	OVAL TA-V STRIP
3.3-3.3CC	5-123829-4	-----	OVAL TA-V STRIP

5-123829-X

5-123829-X CONSISTS OF:(1) PC 123827-X & (1) PC 123828-X

SCHLEUNIGER MEGA STRIP 9600 MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES (28 mm) CLASS: CL-R



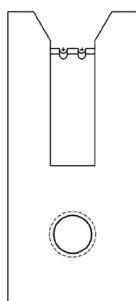
COLLINEAR RADIUS TYPE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

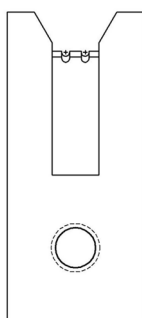
Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123824-X



123825-X

5-123826-X

5-123826-X CONSISTS OF 1 PC 123824-X & 1 PC 123825-X

DIA MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
2.0 / 3.6 2L 8.5	5-123826-1	403007	2 CONDUCTOR CL-R STRIP
2.1 / 3.1 2L 6.2	5-123826-2	-----	2 CONDUCTOR CL-R STRIP
1.8 / 2.7 2L 5.4	5-123826-3	-----	2 CONDUCTOR CL-R STRIP

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SCHLEUNIGER MEGA STRIP 9600 MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES (28 mm) CLASS: CL-R



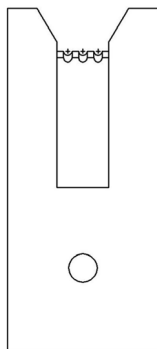
COLLINEAR RADIUS TYPE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

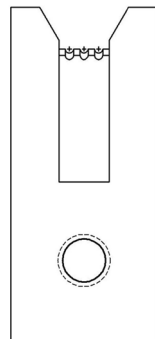
Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123594-X



123595-X

5-123596-X

5-123596-X CONSISTS OF 1 PC 123594-X & 1 PC 123595-X

DIA MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
1.6 / 2.7 3L 8.0	5-123596-1	403010	3 CONDUCTOR CL-R STRIP
2.0 / 3.6 3L 12.2	5-123596-2	-----	3 CONDUCTOR CL-R STRIP
2.1 / 3.1 3L 9.3	5-123596-3	-----	3 CONDUCTOR CL-R STRIP
1.8 / 2.7 3L 8.1	5-123596-4	-----	3 CONDUCTOR CL-R STRIP

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SCHLEUNIGER MEGA STRIP 9600 MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES (28 mm) CLASS: CL-R



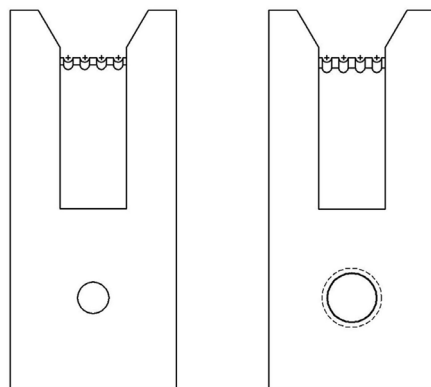
COLLINEAR RADIUS TYPE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123592-X

123593-X

5-123597-X

5-123597-X CONSISTS OF 1 PC 123592-X & 1 PC 123593-X

DIA MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
1.6 / 2.8 4L 11.2	5-123597-1	403013-1149	4 CONDUCTOR CL-R STRIP
2.0 / 3.6 4L 15.9	5-123597-2	-----	4 CONDUCTOR CL-R STRIP
1.8 / 2.7 4L 10.8	5-123597-3	-----	4 CONDUCTOR CL-R STRIP
2.1 / 3.1 4L 12.4	5-123597-4	-----	4 CONDUCTOR CL-R STRIP

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SCHLEUNIGER MEGA STRIP 9600 MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES (28 mm) CLASS: CL-R



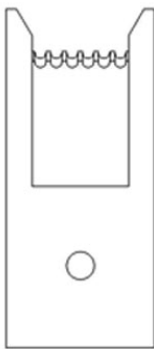
COLLINEAR RADIUS TYPE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

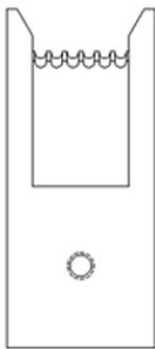
Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123592-X



123593-X

5-124783-X

5-124783-X CONSISTS OF 1 PC 123592-X & 1 PC 123593-X

DIA MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
2.2 / 3.05 6L 18.20	5-124783-1	-----	6 CONDUCTOR CL-R STRIP

SCHLEUNIGER MEGA STRIP 9600 MACHINE SERIES

TRU-RADIUS STRIP BLADES (40 mm) CLASS: TR-V



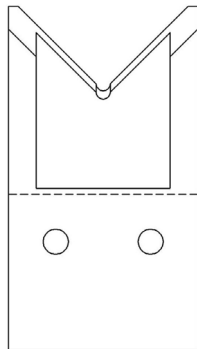
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

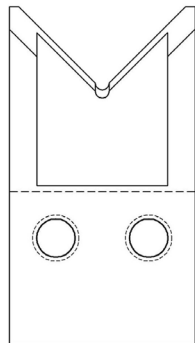
Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123510-X



123511-X

5-123512-XX

5-123512-XX CONSISTS OF 1 PC 123510-X & 1 PC 123511-X

MM SIZE	ITEM NUMBER	OEM #
2.0	5-123512-2.0	402815
2.5	5-123512-2.5	402816
3.0	5-123512-3.0	402822
3.5	5-123512-3.5	402823
4.0	5-123512-4.0	402824
4.5	5-123512-4.5	402825
5.0	5-123512-5.0	402826
5.5	5-123512-5.5	402827
6.0	5-123512-6.0	402828
6.5	5-123512-6.5	402829
7.0	5-123512-7.0	402830
7.5	5-123512-7.5	402831
8.0	5-123512-8.0	402832
8.5	5-123512-8.5	402833
9.0	5-123512-9.0	402834
9.5	5-123512-9.5	402835
10.0	5-123512-10.0	402801
10.2	5-123512-10.2	-----
10.5	5-123512-10.5	402803

MM SIZE	ITEM NUMBER	OEM #
11.0	5-123512-11.0	402804
11.5	5-123512-11.5	402805
12.0	5-123512-12.0	402806
12.5	5-123512-12.5	402807
13.0	5-123512-13.0	402808
13.5	5-123512-13.5	-----
14.0	5-123512-14.0	402809
14.3	5-123512-14.3	-----
15.0	5-123512-15.0	402810
16.0	5-123512-16.0	402811
17.0	5-123512-17.0	402812
17.8	5-123512-17.8	-----
18.0	5-123512-18.0	402813
19.0	5-123512-19.0	402814
20.0	5-123512-20.0	402817
21.0	5-123512-21.0	402818
22.0	5-123512-22.0	402819
23.0	5-123512-23.0	402820
24.0	5-123512-24.0	402821

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SCHLEUNIGER MEGA STRIP 9600 MACHINE SERIES

TANGENT ANGLE “V” STRIP BLADES (40 mm) CLASS: TA-V



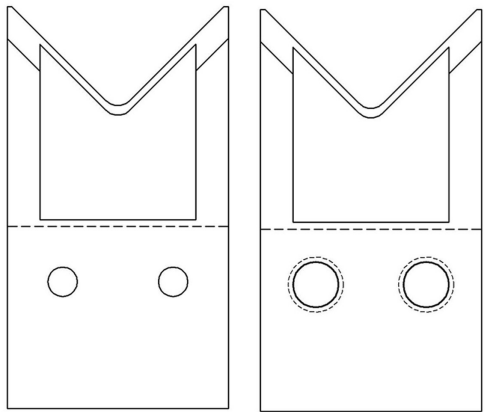
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



123513-X

123514-X

5-123515-XX

5-123515-XX CONSISTS OF 1 PC 123513-X & 1 PC 123514-X

MM SIZE	OEM #	ITEM NUMBER	DESCRIPTION
0.5	402766	5-123515-0.5	TA-V STRIP (40 mm)
3.0	-----	5-123515-3.0	TA-V STRIP (40 mm)
6.0	402768	5-123515-6.0	TA-V STRIP (40 mm)
9.0	-----	5-123515-9.0	TA-V STRIP (40 mm)

SCHLEUNIGER MEGA STRIP 9650 MACHINE SERIES

TRU-RADIUS STRIP BLADES (28 mm) CLASS: TR-V



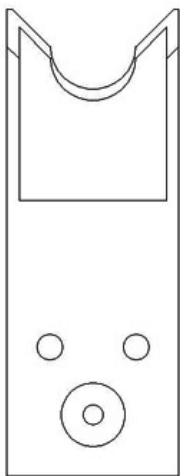
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



5-124871-XX

DIA MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
2.00	5-124871-2.00	-----	TR-V STRIP (28 MM)
2.50	5-124871-2.50	-----	TR-V STRIP (28MM)
2.80	5-124871-2.80	-----	TR-V STRIP (28 MM)
4.0	5-124871-4.00	-----	TR-V STRIP (28 MM)
4.50	5-124871-4.50	-----	TR-V STRIP (28 MM)
5.0	5-124871-5.00	433919	TR-V STRIP (28 mm)
6.0	5-124871-6.00	433921	TR-V STRIP (28 mm)
7.0	5-124871-7.00	433922	TR-V STRIP (28 mm)
7.5	5-124871-7.50	-----	TR-V STRIP (28 mm)
8.0	5-124871-8.00	433923	TR-V STRIP (28 mm)
8.5	5-124871-8.50	-----	TR-V STRIP (28 mm)
9.0	5-124871-9.00	433925	TR-V STRIP (28 mm)
9.5	5-124871-9.50	-----	TR-V STRIP (28 mm)
10.00	5-124871-10.00	433926	TR-V STRIP (28 mm)

DIA MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
10.50	5-124871-10.50	-----	TR-V STRIP (28 mm)
11.00	5-124871-11.00	433927	TR-V STRIP (28 mm)
11.50	5-124871-11.50	-----	TR-V STRIP (28 mm)
12.00	5-124871-12.00	433928	TR-V STRIP (28 mm)
12.50	5-124871-12.50	-----	TR-V STRIP (28 mm)
13.00	5-124871-13.00	433929	TR-V STRIP (28 mm)
13.50	5-124871-13.50	-----	TR-V STRIP (28 mm)
14.00	5-124871-14.00	433930	TR-V STRIP (28 mm)
15.00	5-124871-15.00	433931	TR-V STRIP (28 mm)
16.00	5-124871-16.00	433932	TR-V STRIP (28 mm)
17.00	5-124871-17.00	433933	TR-V STRIP (28 mm)
18.00	5-124871-18.00	433934	TR-V STRIP (28 mm)
19.00	5-124871-19.00	433935	TR-V STRIP (28 mm)
20.00	5-124871-20.00	433936	TR-V STRIP (28 mm)

5-124871-XX CONSISTS OF 2 PCS OF 5-124871- XX

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SCHLEUNIGER MEGA STRIP 9650 MACHINE SERIES

TANGENT ANGLE “V” STRIP BLADES (28 mm) CLASS: TA-V



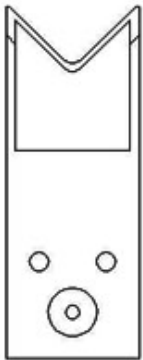
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



5-124888-XX

5-124888 CONSISTS OF 2 PCS

MM SIZE	OEM #	ITEM NUMBER	DESCRIPTION
4.00	433952	5-124888-4.00	TA-V STRIP (28mm)

SCHLEUNIGER MEGA STRIP 9650 MACHINE SERIES

TRU-RADIUS STRIP BLADES (56 mm) CLASS: TR-V



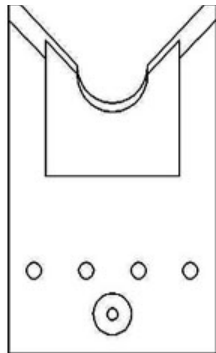
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



5-124889-XX

5-124889 CONSISTS OF 2 PCS

MM SIZE	OEM #	ITEM NUMBER	DESCRIPTION
10.00	-----	5-124889-10.00	TR-V STRIP (56mm)
10.50	-----	5-124889-10.50	TR-V STRIP (56mm)
11.00	-----	5-124889-11.00	TR-V STRIP (56mm)
11.50	-----	5-124889-11.50	TR-V STRIP (56mm)
12.00	-----	5-124889-12.00	TR-V STRIP (56mm)
12.50	-----	5-124889-12.50	TR-V STRIP (56mm)
13.00	-----	5-124889-13.00	TR-V STRIP (56mm)
13.50	-----	5-124889-13.50	TR-V STRIP (56mm)
14.00	-----	5-124889-14.00	TR-V STRIP (56mm)
14.60	-----	5-124889-14.60	TR-V STRIP (56mm)
16.00	-----	5-124889-16.00	TR-V STRIP (56 mm)
19.00	433938	5-124889-19.00	TR-V STRIP (56mm)

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SCHLEUNIGER MEGA STRIP 9650 MACHINE SERIES

TANGENT ANGLE “V” STRIP BLADES (56 mm) CLASS: TA-V



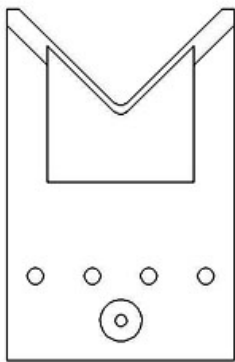
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



5-124887-XX

5-124887 CONSISTS OF 2 PCS

MM SIZE	OEM #	ITEM NUMBER	DESCRIPTION
0.30	-----	5-124887-0.30	TA-V STRIP (56mm)
4.0	433951	5-124887-4.00	TA-V STRIP (56mm)



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SHINMAYWA MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR THE FOLLOWING MACHINE SERIES:

- TRD-111
- TRD-401
- MS-130
- SR-140
- AWS MACHINE SERIES
- CATS MACHINE SERIES
- SHINMAYWA MACHINE SERIES

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SHINMAYWA TRD-111 MACHINE SERIES

2V TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V

TANGENT RADIUS “V” STRIP BLADES

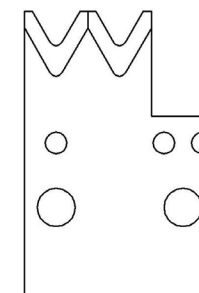
The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -

ITEM NUMBER	DIAMM SIZE	OEM #	DESCRIPTION
122811-5	1.1	MS110C	TA-V 2V STRIP
122811-6	1.2	MS120C	TA-V 2V STRIP
122811-1	1.3	MS130C	TA-V 2V STRIP
122811-3	1.5	MS150C	TA-V 2V STRIP
122811-4	1.8	MS180C	TA-V 2V STRIP
122811-7	2.0	MS200C	TA-V 2V STRIP
122811-2	2.2	MS220C	TA-V 2V STRIP



122811

TRU-RADIUS “V” STRIP BLADE

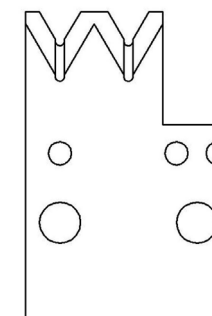
The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the bypass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
122646	TR-V 2V STRIP



122646

SHINMAYWA TRD-111 MACHINE SERIES

UNIVERSAL CUT / STRIP BLADES CLASS: UN-V



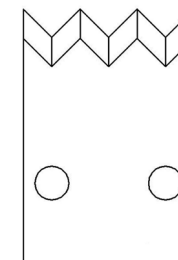
UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
122585	UN-V CUT / STRIP



122585

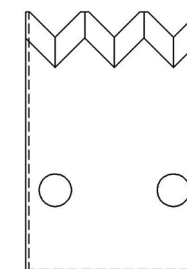
UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
123341	P16307-A	UN-V CUT / STRIP



123341

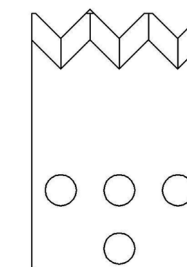
UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -

ITEM NUMBER	OEM#	DESCRIPTION
123658-1	-----	20 DEGREE UN-V
123658-2	3P35966-A	30 DEGREE UN-V



123658-XX

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SHINMAYWA TRD-111 MACHINE SERIES

UNIVERSAL CUT / STRIP BLADES CLASS: UN-V

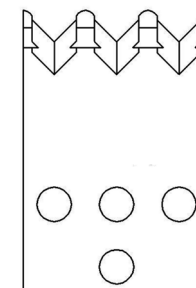
UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- *TC Coating Available* -

ITEM NUMBER	OEM #	DECEIPTION
123579	P36343-A	UNIVERSAL CUT / STRIP



123579

UNIVERSAL CUT / STRIP BLADES

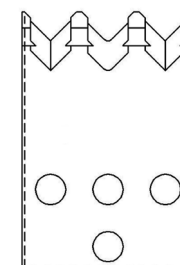
The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations,

woven fiber or thin-walled multi-conductors.

- *TC Coating Available* -

ITEM NUMBER	OEM #	DECEIPTION
123791	NC0018-D	UNIVERSAL CUT / STRIP



123791

SHINMAYWA TRD-111 MACHINE SERIES

TRU-RADIUS CUT / STRIP BLADES CLASS: TR-V

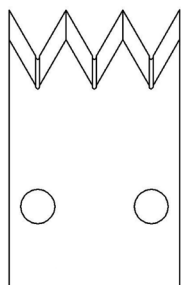
TRU-RADIUS “V” CUT / STRIP BLADES

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123184-XX

ITEM NUMBER	DIA MM SIZE	DESCRIPTION
123184-0.8	0.8	TR-V CUT / STRIP
123184-0.9	0.9	TR-V CUT / STRIP
123184-1.0	1.0	TR-V CUT / STRIP
123184-1.1	1.1	TR-V CUT / STRIP
123184-1.2	1.2	TR-V CUT / STRIP
123184-1.3	1.3	TR-V CUT / STRIP
123184-1.4	1.4	TR-V CUT / STRIP
123184-1.5	1.5	TR-V CUT / STRIP
123184-1.6	1.6	TR-V CUT / STRIP
123184-1.7	1.7	TR-V CUT / STRIP
123184-1.8	1.8	TR-V CUT / STRIP
123184-1.9	1.9	TR-V CUT / STRIP
123184-2.0	2.0	TR-V CUT / STRIP

SHINMAYWA TRD-111 MACHINE SERIES

TANGENT RADIUS “V” CUT / STRIP BLADES CLASS: TA-V

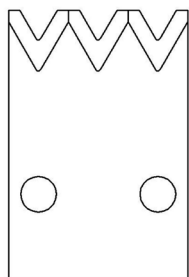
TANGENT RADIUS “V” CUT / STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- *TC Coating Available* -



123146-XX

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
1.0	123146-1	TA-V CUT / STRIP
1.2	123146-2	TA-V CUT / STRIP
1.4	123146-3	TA-V CUT / STRIP
1.5	123146-10	TA-V CUT / STRIP
1.6	123146-4	TA-V CUT / STRIP
1.7	123146-5	TA-V CUT / STRIP
1.9	123146-6	TA-V CUT / STRIP
2.4	123146-7	TA-V CUT / STRIP
2.6	123146-8	TA-V CUT / STRIP
2.8	123146-9	TA-V CUT / STRIP

SHINMAYWA TRD-111 MACHINE SERIES

TANGENT RADIUS “V” CUT / STRIP BLADES CLASS: TA-V



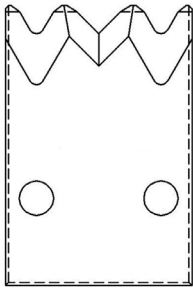
TANGENT RADIUS “V” CUT / STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



123790-1

DIA MM SIZE	ITEM NUMBER	DECRPTION
2.5	123790-1	TA-V CUT / STRIP

SHINMAYWA TRD-111 MACHINE SERIES

TANGENT RADIUS “V” CUT / STRIP BLADES CLASS: TA-V

TANGENT RADIUS “V” CUT / STRIP

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

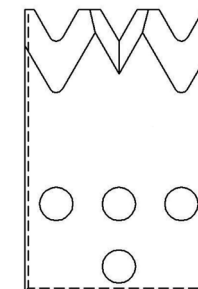
Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- For blades to meet your specific application, please contact Lakes Precision, Inc.

- *TC Coating Available / Wire Samples Required* -

DIA MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
0.30	124041-6	-----	TA-V CUT / STRIP
0.75	124041-5	-----	TA-V CUT / STRIP
0.90	124041-11	L49700-A	TA-V CUT / STRIP
1.1	124041-8	L49700-B	TA-V CUT / STRIP
2.2	124041-1	L49700-E	TA-V CUT / STRIP
2.4	12041-9	-----	TA-V CUT / STRIP
2.5	124041-2	-----	TA-V CUT / STRIP
2.6	124041-10	-----	TA-V CUT / STRIP
2.75	124041-7	L49700-J	TA-V CUT / STRIP
3.2	124041-3	-----	TA-V CUT / STRIP
3.5	124041-4	L49700-G	TA-V CUT / STRIP



124041

TANGENT RADIUS “V” CUT / STRIP

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

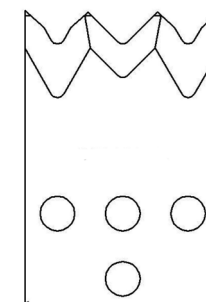
Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- For blades to meet your specific application, please contact Lakes Precision, Inc.

- *TC Coating Available / Wire Samples Required* -

DIA MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
2.2	124152	NC0383-E	TA-V CUT / STRIP



124152

SHINMAYWA TRD-401 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V

TANGENT RADIUS “V” STRIP BLADE

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

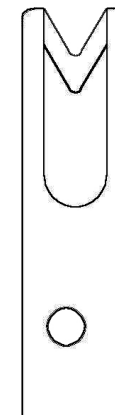
Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- For blades to meet your specific application, please contact Lakes Precision, Inc.

- *TC Coating Available* -

ITEM NUMBER	OEM #	DESCRIPTION
124918-1	B127139A	TA-V STRIP BLADE
124918-2	B127139B	TA-V STRIP BLADE
124918-3	B127139C	TA-V STRIP BLADE
124918-4	B127139D	TA-V STRIP BLADE
124918-5	B127139E	TA-V STRIP BLADE
124918-6	B127139F	TA-V STRIP BLADE
124918-7	B127139G	TA-V STRIP BLADE
124918-8	B127139H	TA-V STRIP BLADE



124918-XX

TANGENT RADIUS “V” STRIP BLADE

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

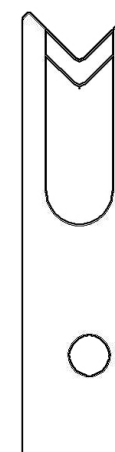
Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- For blades to meet your specific application, please contact Lakes Precision, Inc.

- *TC Coating Available* -

ITEM NUMBER	OEM #	DESCRIPTION
124529-1	B127137A	TA-V STRIP BLADE
124529-2	B127137B	TA-V STRIP BLADE
124529-3	B127137C	TA-V STRIP BLADE
124529-4	B127137D	TA-V STRIP BLADE
124529-5	B127137E	TA-V STRIP BLADE
124529-6	B127137F	TA-V STRIP BLADE
124529-7	B127137G	TA-V STRIP BLADE
124529-8	B127137H	TA-V STRIP BLADE



124529-XX

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SHINMAYWA MS-130 MACHINE SERIES

2V TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V

TANGENT RADIUS “V” STRIP BLADES

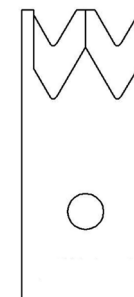
The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- *TC Coating Available* -

ITEM NUMBER	RADIUS MM SIZE	DESCRIPTION
122466	.55	2V TA-V STRIP



122466

SHINMAYWA MACHINE SERIES

TRU-RADIUS “V” CUT / STRIP BLADES CLASS: TR-V

TRU-RADIUS “V” STRIP BLADES

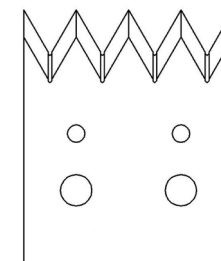
The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- *TC Coating Available* -

ITEM NUMBER	DIA MM SIZE	DESCRIPTION
122726-0.7	0.7	TR-V CUT / STRIP
122726-0.9	0.9	TR-V CUT / STRIP
122726-1.2	1.2	TR-V CUT / STRIP
122726-1.4	1.4	TR-V CUT / STRIP



122726

SHINMAYWA SR-140 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V

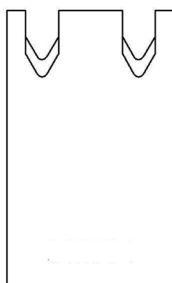
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- *TC Coating Available* -



123034

DIA MM SIZE	ITEM NUMBER	MARK	DECRPTION
1.8	123034-1	RVSY-2180S	TA-V SHORT BLADE 15 DEGREE
1.8	123034-2	RVSY-2180L	TA-V LONG BLADE 15 DEGREE
2.4	123034-3	RVSY-2240S	TA-V SHORT BLADE 15 DEGREE
2.4	123034-4	RVSY-2240L	TA-V LONG BLADE15 DEGREE
3.0	123034-5	RVSY-2300S	TA-V SHORT BLADE 15 DEGREE
3.0	123034-6	RVSY-2300L	TA-V LONG BLADE 15 DEGREE

SHINMAYWA SR-140 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V



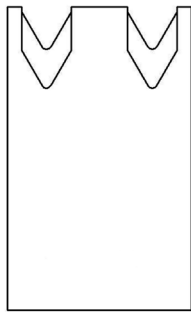
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- *TC Coating Available* -



122993-XX

ITEM NUMBER	MARK	DECRPTION
122993-9	RVS-2100S	TA-V SHORT BLADE
122993-10	RVS-2100L	TA-V LONG BLADE
122993-5	RVS-2120S	TA-V SHORT BLADE
122993-6	RVS-2120L	TA-V LONG BLADE
122993-1	RVS-2140S	TA-V SHORT BLADE
122993-2	RVS-2140L	TA-V LONG BLADE
122993-7	RVS-2160S	TA-V SHORT BLADE
122993-8	RVS-2160L	TA-V LONG BLADE
122993-3	RVS-2200S	TA-V SHORT BLADE
122993-4	RVS-2200L	TA-V LONG BLADE

SHINMAYWA SR-140 MACHINE SERIES

COLLINEAR ANGLE CUT-OFF BLADES CLASS: CL-A



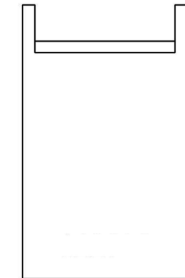
COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
122980	RFC-2615	COLLINEAR ANGLE CUT-OFF



122980

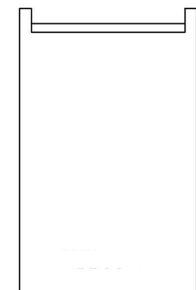
COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
123038	RFCA-3015	COLLINEAR ANGLE CUT-OFF



123038

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SHINMAYWA SR-140 MACHINE SERIES

COLLINEAR ANGLE CUT-OFF BLADES CLASS: CL-A



COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- *TC Coating Available* -



123221

ITEM NUMBER	OEM #	DECRPTION
123221-1	FCH1615	COLLINEAR ANGLE CUT-OFF
123221-2	FCH1610	COLLINEAR ANGLE CUT-OFF

TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- For blades to meet your specific application, please contact Lakes Precision, Inc

TC Coating Available / Wire Samples Required -

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123330-X

DIA MM SIZE	ITEM NUMBER	OEM #	DECRPTION
2.4	123330-1	VSH 2240 S	2V TA-V STRIP

SHINMAYWA AWS MACHINE SERIES

DIE TYPE STRIP & UNIVERSAL CUT / STRIP BLADES



COLLINEAR RADIUS TYPE

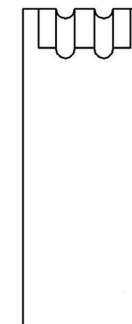
The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- *TC Coating Available* -

DIA MM SIZE	ITEM NUMBER	MARK	DESCRIPTION
1.2	123069-1	120 L	LONG DIE TYPE STRIP
1.2	123069-2	120 S	SHORT DIE TYPE STRIP
2.5	123069-3	250 L	LONG DIE TYPE STRIP
2.5	123069-4	250 S	SHORT DIE TYPE STRIP



123069-XX

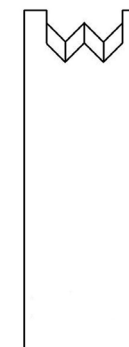
UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- *TC Coating Available* -

ITEM NUMBER	OEM #	DESCRIPTION
123068	VCH-23	2V UNIVERSAL CUT / STRIP



123068

SHINMAYWA CATS MACHINE SERIES

UNIVERSAL CUT / STRIP BLADES CLASS: UN-V

UNIVERSAL STRIP BLADES

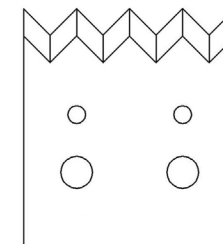
The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
122248	H84279A	UN-V CUT / CTRIP

122248 & 122729 ARE USED FOR MODELS:
TR10, TR20, TR30, TR40, TR10MS,
THR20 & THR30



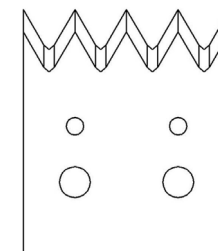
122248

UNI-V UNIVERSAL STRIP BLADE

The sharp edge is ground to an arc that has a small radius. The entry angle lines meet the arc at a tangent point. Unique to this from is an auxiliary angle that intersects the entry angle. This results in greater insulation penetration and a better strip. This patented blade type allows wire sizes from 26 awg to 10 awg to be processed using a single set of blades.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
122729	-----	UN-V CUT / CTRIP



122729

SHINMAYWA CATS MACHINE SERIES

TANGENT RADIUS “V” CUT / STRIP BLADES CLASS: TA-V



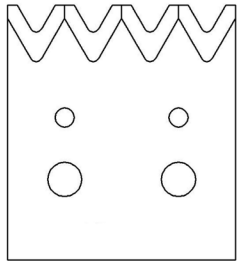
TANGENT RADIUS “V” CUT / STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

TC Coating Available -



123174-XX

ITEM NUMBER	OEM #	RADIUS MM SIZE	DESCRIPTION
123174-6	-----	0.5	TA-V CUT / STRIP
123174-4	-----	0.53	TA-V CUT / STRIP
123174-5	-----	0.7	TA-V CUT / STRIP
123174-1	3H48279B	1.0	TA-V CUT / STRIP
123174-2	-----	1.2	TA-V CUT / STRIP
123174-3	-----	1.6	TA-V CUT / STRIP

SHINMAYWA MACHINE SERIES

COLLINEAR ANGLE STRIP BLADES CLASS: CL-A



WIRE SLITTER

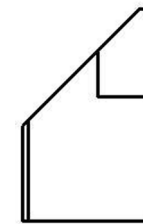
The wire splitter is used to slit multiple conductor wire, separating the individual conductors from each other. Wire slitters are fitted to the wire.

- For help in choosing the correct slitters for your application, please contact Lakes Precision, Inc.

- SEND WIRE SAMPLES TO LAKES PRECISION, INC.

- *TC Coating Available* -

ITEM NUMBER	OEM #	DESCRIPTION
122465	H-84839-1	SLITTER BLADE



122465

WIRE SLITTER

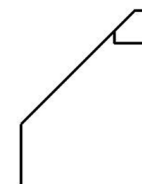
The wire splitter is used to slit multiple conductor wire, separating the individual conductors from each other. Wire slitters are fitted to the wire.

- For help in choosing the correct slitters for your application, please contact Lakes Precision, Inc.

- SEND WIRE SAMPLES TO LAKES PRECISION, INC.

- *TC Coating Available* -

ITEM NUMBER	OEM #	DESCRIPTION
122661-1	P17819-B	SLITTER BLADE
122661-2	P17819-C	SLITTER BLADE
122661-3	P17819-D	SLITTER BLADE



122661-XX

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SLICE MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR SLICE 141 MODEL MACHINE SERIES

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SLICE 141 MODEL MACHINE SERIES

COLLINEAR ANGLE CUTTER BLADE & ANVIL CLASS: CL-A

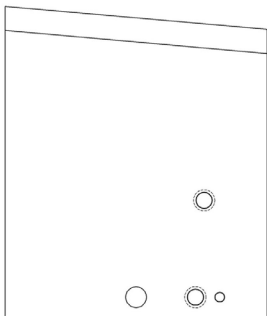


COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

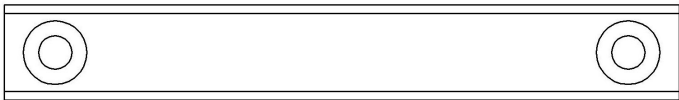
Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -



123487
CUTTER BLADE

ITEM NUMBER	MATERIAL	DESCRIPTION
123487	A2 TOOL STEEL	CUTTER BLADE
123488	A2 TOOL STEEL	ANVIL



123488
ANVIL



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THIS SECTION CONTAINS BLADES FOR THE FOLLOWING MACHINE SERIES:

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☐ 8W	☐ JN01 & JN01S	☐ TB-S2 TAPE CUTTER
☐ AMIGO 2	☐ JN01FU	☐ CRIMPER-STRIPPER
☐ C-SAM	☐ MINIC IV	☐ SUMITOMO CENTRAL STRIPPER
☐ CST	☐ SCM	☐ USC-2300
☐ JN	☐ SCR-05	

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TRU-RADIUS “V” STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- *TC Coating Available* -



123037-XX

ITEM NUMBER	MARK	DESCRIPTION
123037-1	139	0.9 DIA / 2.0 THICK
123037-2	140	0.9 DIA / 1.5 THIN
123037-3	141	1.0 DIA / 2.0 THICK
123037-4	142	1.0 DIA / 1.5 THIN
123037-9	143	1.3 DIA / 2.0 THICK
123037-10	144	1.3 DIA / 1.5 THIN
123037-5	145	1.6 DIA / 2.0 THICK
123037-6	146	1.6 DIA / 1.5 THIN
123037-7	147	2.0 DIA / 2.0 THICK
123037-8	148	2.0 DIA / 1.5 THIN

TOYOJAMCO 6W MACHINE SERIES

DUAL FORM TRU-RADIUS “V” STRIP BLADES CLASS: TR-V



TRU-RADIUS “V” STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -

DIA MM SIZE	ITEM NUMBER	MARK
1.0	122237-1	SCM-A-0.3
1.2	122237-2	SCM-A-0.5
1.4	122237-3	SCM-A-0.85
1.7	122237-4	SCM-A-1.25
2.0	122237-5	SCM-A-2.0
2.6	122237-6	SCM-A-3.0
2.6	122237-7	SCM-A-5.0



122237-XX

TRU-RADIUS “V” STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -

DIA MM SIZE	ITEM NUMBER	MARK
1.0	122238-1	SCM-B-0.3
1.2	122238-2	SCM-B-0.5
1.4	122238-3	SCM-B-0.85
1.7	122238-4	SCM-B-1.25
2.0	122238-5	SCM-B-2.0
2.6	122238-6	SCM-B-3.0
2.6	122238-7	SCM-B-5.0



122238-XX

TRU-RADIUS “V” STRIP BLADE / WIDE ENTRY ANGLE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122280-XX
With Wide Entry Angle

ITEM NUMBER	MARK	DESCRIPTION
122280-1	A0.3	2.0 THICK BLADE
122280-2	B0.3	1.5 THIN BLADE
122280-3	A0.5	1.5 THICK BLADE
122280-4	B0.5	1.5 THIN BLADE
122280-5	A0.85	2.0 THICK BLADE
122280-6	B0.85	1.5 THIN BLADE
122280-7	A1.25	2.0 THICK BLADE
122280-8	B1.25	1.5 THIN BLADE
122280-9	A2.0	1.5 THICK BLADE
122280-10	B2.0	1.5 THIN BLADE
122280-11	A3.0	4.0 THICK BLADE
122280-12	B3.0	1.5 THIN BLADE

TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



122239-XX

DIA MM SIZE	ITEM NUMBER	MARK	DEGREE	THICKNESS
0.5	122239-4	SCM C4-90	90	THICK
0.5	122239-3	SCM C2-90	90	THIN
1.9	122239-2	SCM C4	55	THICK
1.9	122239-1	SCM C2	55	THIN

TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



122442-XX

DIA MM SIZE	ITEM NUMBER	MARK	OEM #	DESCRIPTION
0.3	122442-13	546	4Y495546	THICK TA-V
0.3	122442-14	547	4Y495547	THIN TA-V
1.1	122442-1	20 A	-----	THICK TA-V
1.1	122442-2	20 B	-----	THIN TA-V
1.3	122442-3	18 A	-----	THICK TA-V
1.3	122442-4	18 B	-----	THIN TA-V
1.6	122442-5	16 A	-----	THICK TA-V
1.6	122442-6	16 B	-----	THIN TA-V
1.9	122442-7	14 A	-----	THICK TA-V
1.9	122442-8	14 B	-----	THIN TA-V
2.4	122442-9	12 A	-----	THICK TA-V
2.4	122442-10	12 B	-----	THIN TA-V
2.8	122442-11	10 A	-----	THICK TA-V
2.8	122442-12	10 B	-----	THIN TA-V

TOYOJAMCO 6W MACHINE SERIES

TANGENT RADIUS “V” & UNIVERSAL STRIP BLADES CLASS: TA-V / UN-V

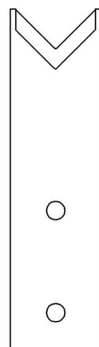
TANGENT RADIUS “V” & UNIVERSAL STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



122417-XX

ITEM NUMBER	OEM #	MARK	DEGREE NUMBER
122417-1	4H495310	H310	90 UN-V
122417-2	4H495311	H311	90 UN-V
122417-3	4H495321	H321	70 TA-V
122417-4	4H495322	H322	70 TA-V
122417-5	4Y495700	700	90 UN-V
122417-6	4Y495701	701	90 UN-V
122417-7	4H495700	H700	90 UN-V
122417-8	4H495701	H701	90 UN-V
122417-9	4H495702	H702	60 TA-V

TOYOJAMCO 6W MACHINE SERIES

TANGENT ANGLE “V” CUT-OFF BLADES CLASS: TA-V

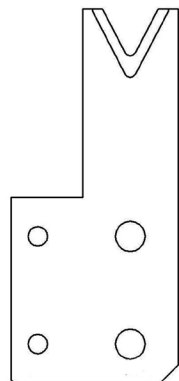
TANGENT ANGLE “V” CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- USE WITH 122417-XX STRIP BLADES -

- *TC Coating Available* -



122416-XX

ITEM NUMBER	OEM #	MARK	DESCRIPTION
122416-1	4H495323	H323	TA-V CUT-OFF
122416-2	4H495098	H098	TA-V CUT-OFF
122416-3	4Y495615	H-615	TA-V CUT-OFF

TOYOJAMCO 6W MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V

TANGENT RADIUS “V” STRIP BALDES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -

ITEM NUMBER	MARK
122203-1	A2-03-5
122203-2	A3-03-5



122203-XX

TANGENT RADIUS “V” STRIP BALDES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -

DIA MM SIZE	ITEM NUMBER	MARK	OEM #	DEGREE
2.0	122183-3	C2-2	4Y495545	90
2.8	122183-1	A2-03-4	4Y495534	70
2.8	122183-2	A3-03-4	4Y95536	70



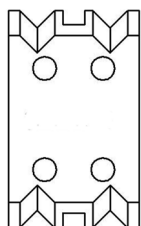
122183-XX

UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



122130-XX

DIA MM SIZE	ITEM NUMBER	MARK	DESCRIPTION
0.3	122130-1	0.3	RUBBER PLUG BLADE
0.5	122130-2	0.5	RUBBER PLUG BLADE
0.85	122130-3	0.85	RUBBER PLUG BLADE
1.25	122130-4	1.25	RUBBER PLUG BLADE
2.0	122130-5	2.0	RUBBER PLUG BLADE
3.0	122130-6	3.0	RUBBER PLUG BLADE
5.0	122130-7	5.0	RUBBER PLUG BLADE

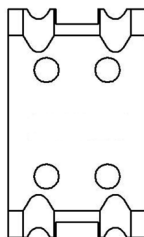
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



122129-XX

DIA MM SIZE	ITEM NUMBER	OEM #	MARK	DESCRIPTION
1.0	122129-1	-----	0.3	RUBBER PLUG BLADE
1.2	122129-2	-----	0.5	RUBBER PLUG BLADE
1.4	122129-3	UD941028	0.85	RUBBER PLUG BLADE
1.7	122129-4	-----	1.25	RUBBER PLUG BLADE
2.0	122129-5	-----	2.0	RUBBER PLUG BLADE
2.6	122129-6	-----	3.0	RUBBER PLUG BLADE

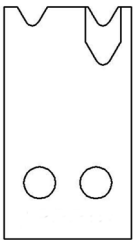
CUT-OFF BLADE

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



122218

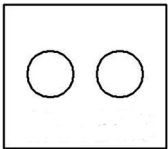
ITEM NUMBER	DESCRIPTION
122218	RUBBER PLUG CUT-OFF

VARIABLE SPACERS

The wire end strip dimension is obtained by physically inserting spacers of different thickness in-between the blade bodies. The assembly is then held in place by set screws or other fastening devices.

This system involves measurement calculations in order to figure the correct spacer-blade combinations. Because of its inherent cumbersome nature, it is highly recommended that this setup be performed in anticipation to a scheduled production run.

To optimize equipment productivity, it is a good idea to have several sets of pre-assembled blade mounts ready for production schedules.



122303-XX

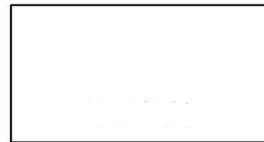
MM SIZE	ITEM NUMBER
0.1	122303-1
0.2	122303-2
0.3	122303-3
0.4	122303-4
0.5	122303-5
0.6	122303-6
0.7	122303-7
0.8	122303-8
0.9	122303-9
1.0	122303-10
1.25	122303-11

VARIABLE SPACERS

The wire end strip dimension is obtained by physically inserting spacers of different thickness in-between the blade bodies. The assembly is then held in place by set screws or other fastening devices.

This system involves measurement calculations in order to figure the correct spacer-blade combinations. Because of its inherent cumbersome nature, it is highly recommended that this setup be performed in anticipation to a scheduled production run.

To optimize equipment productivity, it is a good idea to have several sets of pre-assembled blade mounts ready for production schedules.



122079-XX

MM SIZE	ITEM NUMBER	MARK
0.5	122079-20	0.5
1.0	122079-32	1.0
1.5	122079-21	1.5
2.0	122079-33	2.0
2.5	122079-1	2.5
3.0	122079-2	3.0
3.5	122079-3	3.5
4.0	122079-4	4.0
4.25	122079-34	4.25
4.5	122079-22	4.5
5.0	122079-5	5.0
5.5	122079-6	5.5
6.0	122079-23	6.0
6.5	122079-24	6.5
7.0	122079-7	7.0
7.5	122079-25	7.5
8.0	122079-8	8.0

MM SIZE	ITEM NUMBER	MARK
8.5	122079-9	8.5
9.0	122079-26	9.0
9.5	122079-10	9.5
10.0	122079-11	10.0
10.5	122079-12	10.5
11.0	122079-13	11.0
11.5	122079-14	11.5
12.0	122079-15	12.0
12.5	122079-16	12.5
13.0	122079-17	13.0
13.5	122079-27	13.5
14.0	122079-28	14.0
14.5	122079-29	14.5
15.0	122079-30	15.0
15.5	122079-18	15.5
17.0	122079-19	17.0
24.0	122079-31	24.0

VARIABLE SPACERS

The wire end strip dimension is obtained by physically inserting spacers of different thickness in-between the blade bodies. The assembly is then held in place by set screws or other fastening devices.

This system involves measurement calculations in order to figure the correct spacer-blade combinations. Because of its inherent cumbersome nature, it is highly recommended that this setup be performed in anticipation to a scheduled production run.

To optimize equipment productivity, it is a good idea to have several sets of pre-assembled blade mounts ready for production schedules.

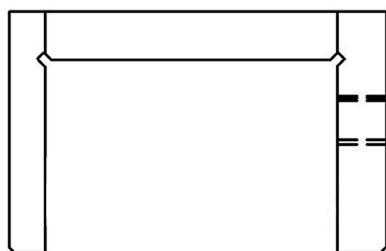


122763-XX

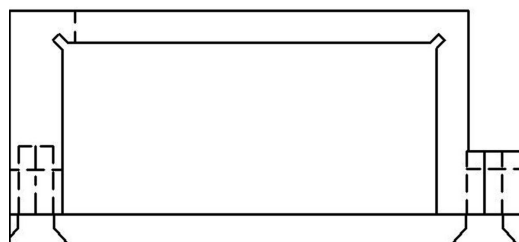
MM SIZE	OEM #	ITEM NUMBER	MARK
0.5	148011-0.5	122763-0.5	0.5
1.0	148011-1.0	122763-1.0	1.0
1.5	-----	122763-1.5	1.5
2.0	148011-2.0	122763-2.0	2.0
2.5	-----	122763-2.5	2.5
3.0	-----	122763-3.0	3.0
3.5	-----	122763-3.5	3.5
4.0	148011-4.0	122763-4.0	4.0
4.5	-----	122763-4.5	4.5
5.0	-----	122763-5.0	5.0

MM SIZE	OEM #	ITEM NUMBER	MARK
5.5	-----	122763-5.5	5.5
6.0	148011-6.0	122763-6.0	6.0
6.5	-----	122763-6.5	6.5
7.0	-----	122763-7.0	7.0
7.5	-----	122763-7.5	7.5
8.0	-----	122763-8.0	8.0
8.5	-----	122763-8.5	8.5
9.0	-----	122763-9.0	9.0
9.5	-----	122763-9.5	9.5
10.0	-----	122763-10.0	10.0
10.5	-----	122763-10.5	10.5

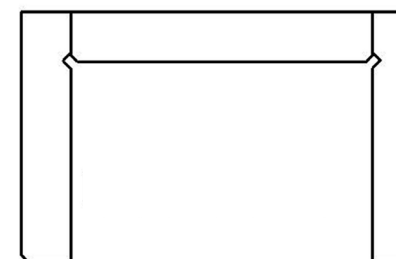
FOR ADDITIONAL INFORMATION, PLEASE
CONTACT LAKES PRECISION INC.



C052001-3
BLADE PACK FRAMES



5-122806
BLADE PACK ASSEMBLY



UT030420
BLADE PACK FRAMES

TOYOJAMCO 8W MACHINE SERIES

TANGENT ANGLE “V” STRIP BLADES CLASS: TA-V

TANGENT RADIUS “V” STRIP BLADES

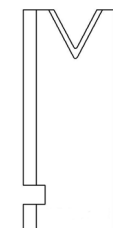
The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- *TC Coating Available* -

ITEM NUMBER	OEM #	DESCRIPTION
122968-1	2-S6 96-2	8W TA-V BLADE
122968-2	2-S2 Y97-7	8W TA-V BLADE
122968-3	2-S2	8W TA-V BLADE



122968-XX

TANGENT ANGLE “V” CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- *TC Coating Available* -

THICKNESS	ITEM NUMBER	OEM #	DESCRIPTION
0.9	122967-1	2Y4-Y92-X	8W TA-V CUT-OFF
0.9	122967-2	2Y2-Y92-X	8W TA-V CUT-OFF
1.5	122967-3	-----	8W TA-V CUT-OFF



122967-XX

TOYOJAMCO AMIGO 2 MACHINE SERIES

UNIVERSAL CUT-OFF BLADES CLASS: UN-V

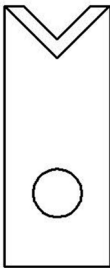


UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -



122748

ITEM NUMBER	OEM #	DESCRIPTION
122748	5002	UN-V CUT-OFF

TOYOJAMCO AMIGO 2 MACHINE SERIES

TANGENT RADIUS “V” / UNIVERSAL CUT / STRIP BLADES CLASS: TA-V / UN-V

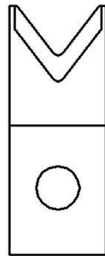
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- *TC Coating Available* -



122747-XX

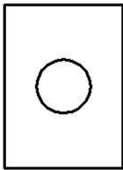
MM DIA SIZE	ITEM NUMBER	THICKNESS	OEM #	DESCRIPTION
0.4	122747-2	2.0	4E495002	UN-V CUT / STRIP
1.2	122747-1	1.0	4E495001	TA-V CUT / STRIP

VARIABLE SPACERS

The wire end strip dimension is obtained by physically inserting spacers of different thickness in-between the blade bodies. The assembly is then held in place by set screws or other fastening devices.

This system involves measurement calculations in order to figure the correct spacer-blade combinations. Because of its inherent cumbersome nature, it is highly recommended that this setup be performed in anticipation to a scheduled production run.

To optimize equipment productivity, it is a good idea to have several sets of pre-assembled blade mounts ready for production schedules.



122745-XX

THICKNESS	ITEM NUMBER	DESCRIPTION
0.5	122745-1	AMIGO SPACER
1.0	122745-2	AMIGO SPACER
2.0	122745-3	AMIGO SPACER
4.0	122745-4	AMIGO SPACER

TOYOJAMCO C-SAM MACHINE SERIES

TANGENT RADIUS “V” CUT-OFF BLADES CLASS: TA-V

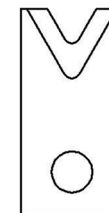
TANGENT ANGLE CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
123180	M230002	SHORT TA-V CUT-OFF



123180

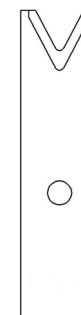
TANGENT ANGLE CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
123181	SWS-C2-SDE-01-0	LONG TA-V CUT-OFF
123876-1	SWS-C2	LONG TA-V CUT-OFF



123181



123876

TOYOJAMCO C-SAM MACHINE SERIES

SPECIAL APPLICATION MULTI-V STRIP BLADES

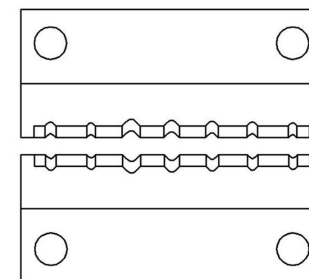


- For blades to meet your specific application, please contact Lakes Precision, Inc.

- *TC Coating Available / Wire Samples Required -*

ITEM NUMBER	OEM #	DESCRIPTION
123182	CS09M830001-0	UPPER MULTI-V STRIP
123183	CS09M830002-0	LOWER MULTI-V STRIP

123182
UPPER MULTI-V STRIP



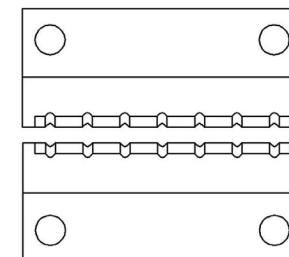
123183
LOWER MULTI-V STRIP

- For blades to meet your specific application, please contact Lakes Precision, Inc.

- *TC Coating Available / Wire Samples Required -*

ITEM NUMBER	OEM #	DESCRIPTION
123185	CS09M830008-0	LOWER MULTI-V STRIP
123186	CS09M830007-0	UPPER MULTI-V STRIP

123186
UPPER MULTI-V STRIP



123185
LOWER MULTI-V STRIP

• THREE LAKES, WI (715) 546-3070 • **CONTACT LAKES PRECISION** • EL PASO, TX (915) 856-6606 •
• EMAIL: BLADES@LAKESPRECISION.COM •

TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



122123-XX

ITEM NUMBER	OEM #	MM SIZE	DESCRIPTION
122123-13	4Y495347	1.5	TA-V BLADE
122123-14	4Y495359	1.0	TA-V BLADE
122123-1	-----	2.0	TA-V BLADE
122123-7	4Y495361	1.5	TA-V BLADE
122123-2	-----	2.0	TA-V BLADE
122123-8	4Y495363	1.5	TA-V BLADE
122123-4	4Y495353	2.0	TA-V BLADE
122123-9	4Y495366	1.5	TA-V BLADE
122123-5	-----	2.0	TA-V BLADE
122123-10	-----	2.0	TA-V BLADE
122123-16	-----	2.0	TA-V BLADE
122123-17	-----	1.5	TA-V BLADE

ITEM NUMBER	OEM #	MM SIZE	DESCRIPTION
122123-6	-----	2.0	TA-V BLADE
122123-11	KM991027	1.5	TA-V BLADE
122123-19	-----	2.0	TA-V BLADE
122123-20	-----	1.5	TA-V BLADE
122123-15	-----	1.0	TA-V BLADE
122123-12	KM0203185	1.5	TA-V BLADE
122123-21	-----	0.7	TA-V BLADE
122123-18	-----	0.8	TA-V BLADE
122123-3	-----	4.0	TA-V BLADE
122123-22	-----	0.8	TA-V BLADE
122123-23	-----	2.0	TA-V BLADE
122123-24	-----	1.0	TA-V BLADE

TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



122351-XX

ITEM NUMBER	MM SIZE	DESCRIPTION
122351-13	1.5	TA-V BLADE
122351-14	1.0	TA-V BLADE
122351-1	2.0	TA-V BLADE
122351-7	1.5	TA-V BLADE
122351-2	2.0	TA-V BLADE
122351-8	1.5	TA-V BLADE
122351-4	2.0	TA-V BLADE
122351-9	1.5	TA-V BLADE
122351-5	2.0	TA-V BLADE
122351-10	2.0	TA-V BLADE

ITEM NUMBER	MM SIZE	DESCRIPTION
122351-16	2.0	TA-V BLADE
122351-17	1.5	TA-V BLADE
122351-6	2.0	TA-V BLADE
122351-11	1.5	TA-V BLADE
122351-18	0.8	TA-V BLADE
122351-15	1.0	TA-V BLADE
122351-19	1.5	TA-V BLADE
122351-12	1.5	TA-V BLADE
122351-3	4.0	TA-V BLADE

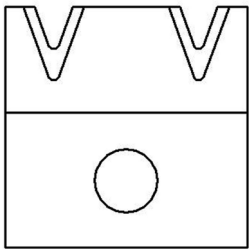
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



124147

ITEM NUMBER	OEM #	DESCRIPTION
124147	J38102004	TA-V STRIP

TOYOJAMCO JN MACHINE SERIES

UNIVERSAL STRIP & CUT-OFF BLADES CLASS: UN-V

UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -

DIA MM SIZE	ITEM NUMBER	MARK	DESCRIPTION	OEM #
0.4	122415-1	H205	JN01 UN-V STRIP	4H495205
2.0	122415-2	H334	JN01 UN-V STRIP	4H495334



122415-XX

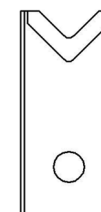
UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

DIA MM SIZE	ITEM NUMBER	MARK	DESCRIPTION	OEM #
2.0	122503	H-335	JN01S UN-V CUT-OFF	4H495335



122503

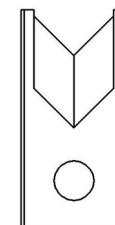
UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
122506	4E495006	JN02 UN-V CUT-OFF



122506

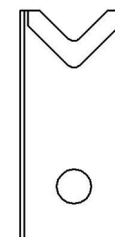
UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
122828	4H495390	JN01FU UN-V CUT-OFF



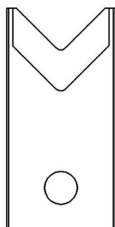
122828

UNIVERSAL / TANGENT ANGLE CUT-OFF BLADES

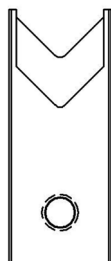
The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -



123801



123812

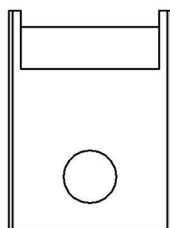
ITEM NUMBER	OEM #	DESCRIPTION
123801	J46008011	JN-V / TA-V CUT-OFF
123812	J36605002	JN UN-V / TA-V CUT-OFF

CUT-OFF BLADES

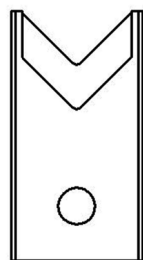
FOR ADDITIONAL INFORMATION, PLEASE CONTACT
LAKES PRECISION INC.

- TC Coating Available -

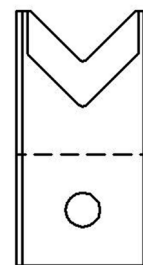
ITEM NUMBER	OEM #	DESCRIPTION
122412	4H495331	JN02 CHOPPER BLADE
122413	4H495332	JN02 CHOPPER BLADE
123041	R30500006	-----
123903	4E495012	JN CUT BLADE



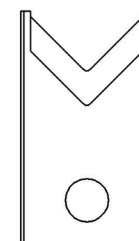
122412



123041



123903



122413

TOYOJAMCO JN01 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V

TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- *TC Coating Available* -

ITEM NUMBER	MARK	OEM #	DESCRIPTION
122827-1	H394	4H495394	JN01 STRIP BLADE WITHOUT STEP
122827-2	H393	4H495393	JN01 STRIP BLADE WITHOUT STEP
122827-3	H406	4H495406	JN01 STRIP BLADE WITHOUT STEP
122827-4	H392	4H495392	JN01 STRIP BLADE WITHOUT STEP
122827-5	-----	-----	JN01 STRIP BLADE WITHOUT STEP
122827-6	-----	-----	JN01 STRIP BLADE WITHOUT STEP
122827-7	-----	-----	JN01 STRIP BLADE WITHOUT STEP



122827

TANGENT RADIUS “V” STRIP BLADES

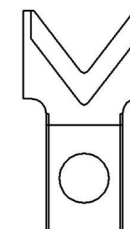
The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- *TC Coating Available* -

ITEM NUMBER	OEM #	DESCRIPTION
122665	4Y495862	JN01 TA-V BLADE WITH STEP



122665

TOYOJAMCO JN01 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V

TANGENT RADIUS “V” STRIP BLADES

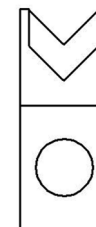
The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- *TC Coating Available* -

ITEM NUMBER	MARK	OEM #	DESCRIPTION
122414-1	H238	4H495238	JN01 UN-V STRIP
122414-2	H314	4H495314	JN01 UN-V STRIP
122414-3	H273	4H495273	JN01 TA-V STRIP
122414-4	807	4Y495807	JN01 TA-V STRIP
122414-5	H382	4H495382	JN01 TA-V STRIP
122414-6	H383	4H495383	JN01 TA-V STRIP
122414-7	H384	4H495384	JN01 TA-V STRIP
122414-8	H326	4H495326	JN01 TA-V STRIP
122414-9	-----	-----	JN01 TA-V STRIP
122414-10	932	4Y495932	JN01 TA-V STRIP
122414-11	920	4Y495920	JN01 TA-V STRIP
122414-12	943	4H495943	JN01 TA-V STRIP
122414-13	-----	-----	JN01 TA-V STRIP



122414

TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- *TC Coating Available* -

DIA MM SIZE	ITEM NUMBER	DESCRIPTION
0.55	122870-1	JN01FU TA-V BLADE



122870

TOYOJAMCO JN01 & JN01S MACHINE SERIES

TRU-RADIUS “V” STRIP, TANGENT ANGLE “V” STRIP & CUT-OFF BLADES



TRU-RADIUS “V” STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -

MM SIZE	ITEM NUMBER	DESCRIPTION
0.5	123796-0.5	TR-V STRIP
1.6	123796-1.6	TR-V STRIP
2.0	123796-2.0	TR-V STRIP



123796-X

TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -

MM RADIUS	ITEM NUMBER	OEM #	DESCRIPTION
0.2	122969-1	4H495371	JN01 SN TA-V STRIP



122969

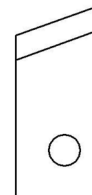
CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	MARK	DESCRIPTION
122667	336	JN01S CUT-OFF



122667

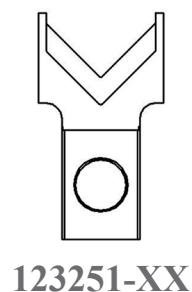
TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire sizes with the same blade, or you could compensate for off-center wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



MM DIA SIZE	ITEM NUMBER	OEM #	MARK	DESCRIPTION
0.4	123251-1	4Y495933	933	TA-V STRIP BLADE
0.4	123251-2	4Y495978	978	TA-V STRIP BLADE
0.5	123251-7	4Y495960	960	TA-V STRIP BLADE
1.2	123251-3	-----	-----	TA-V STRIP BLADE
2.3	123251-4	-----	-----	TA-V STRIP BLADE
2.4	123251-5	-----	-----	TA-V STRIP BLADE
2.7	123251-6	-----	-----	TA-V STRIP BLADE

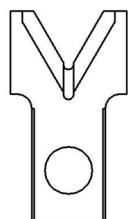
TRU-RADIUS “V” STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



123172-XX

ITEM NUMBER	MARK	DESCRIPTION
123172-2	0.6	TR-V STRIP
123172-3	0.9	TR-V STRIP
123172-4	1.0	TR-V STRIP
123172-13	1.1	TR-V STRIP
123172-5	1.2	TR-V STRIP
123172-6	1.4	TR-V STRIP
123172-7	1.7	TR-V STRIP
123172-8	2.0	TR-V STRIP
123172-9	2.3	TR-V STRIP
123172-10	2.6	TR-V STRIP
123172-11	2.8	TR-V STRIP
123172-12	3.2	TR-V STRIP
123172-1	4.2	TR-V STRIP

TOYOJAMCO MINIC IV MACHINE SERIES

UNIVERSAL STRIP & CUT-OFF BLADES CLASS: UN-V

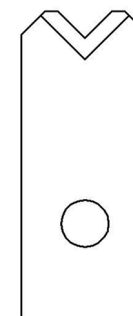
UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
122439	4H495002	UNIVERSAL STRIP BLADE



122439

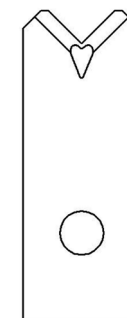
UNIVERSAL CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
122440	4H495078	UNIVERSAL CUT-OFF BLADE



122440

TOYOJAMCO SCM MACHINE SERIES

TRU-RADIUS “V” STRIP BLADES CLASS: TR-V

TRU-RADIUS “V” STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
SCM-A-0.3	THICK BLADE
SCM-A-0.5	THICK BLADE
SCM-A-0.85	THICK BLADE
SCM-A-1.25	THICK BLADE
SCM-A-2.0	THICK BLADE
SCM-A-3.0	THICK BLADE
SCM-A-5.0	THICK BLADE
SCM-A-6.0	THICK BLADE



SCM-A-XX

TRU-RADIUS “V” STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -

ITEM NUMBER	DESCRIPTION
SCM-B-0.3	THIN BLADE
SCM-B-0.5	THIN BLADE
SCM-B-0.85	THIN BLADE
SCM-B-1.25	THIN BLADE
SCM-B-2.0	THIN BLADE
SCM-B-3.0	THIN BLADE
SCM-B-5.0	THIN BLADE
SCM-B-6.0	THIN BLADE



SCM-B-XX

TANGENT ANGLE CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -

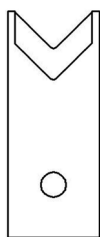


SCM C2-C4

ITEM NUMBER	DESCRIPTION
SCM C1	TA-V CUT-OFF
SCM C2	TA-V CUT-OFF
SCM C2-90	UN-V CUT-OFF
SCM C4	TA-V CUT-OFF
SCM C4-90	UN-V CUT-OFF

TOYOJAMCO SCR-05 MACHINE SERIES

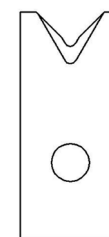
STRIP BLADES



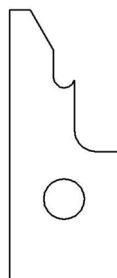
122509
UN-V STRIP

FOR ADDITIONAL INFORMATION, PLEASE
CONTACT LAKES PRECISION INC.

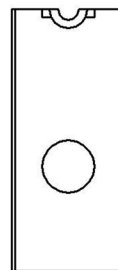
- TC Coating Available -



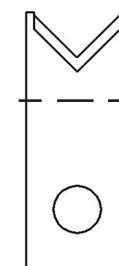
122510
TA-V STRIP



122512-XX
WIRE GUIDE



122511-XX
DRILLED CL-R



122666
UN-V STRIP WITH STEP

• THREE LAKES, WI (715) 546-3070 • **CONTACT LAKES PRECISION** • EL PASO, TX (915) 856-6606 •
• EMAIL: BLADES@LAKESPRECISION.COM •

TOYOJAMCO SGS-01 MACHINE SERIES

TANGENT RADIUS “V” LEFT & RIGHT STRIP BLADES CLASS: TA-V

TANGENT RADIUS “V” STRIP BLADES

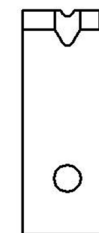
The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
122757-1	4Y495766	LEFT BLADE
122757-2	4Y495768	LEFT BLADE
122757-3	4Y495770	LEFT BLADE
122757-4	4Y495772	LEFT BLADE
122757-5	4Y495774	LEFT BLADE
122757-6	-----	LEFT BLADE



122757-XX

TANGENT RADIUS “V” STRIP BLADES

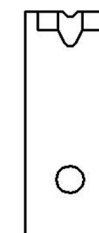
The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -

ITEM NUMBER	OEM #	DESCRIPTION
122758-1	4Y495765	RIGHT BLADE
122758-2	4Y495767	RIGHT BLADE
122758-3	4Y495769	RIGHT BLADE
122758-4	4Y495771	RIGHT BLADE
122758-5	4Y495773	RIGHT BLADE
122758-6	-----	RIGHT BLADE



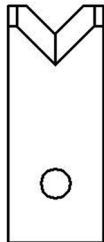
122758-XX

UNIVERSAL STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- TC Coating Available -



122294-XX

ITEM NUMBER	OEM #	MARK
122294-1	4Y495722	SGS01 0.3
122294-2	4Y495723	SGS01 0.5
122294-3	4Y495724	SGS01 0.85
122294-4	4Y495725	SGS01 1.25
122294-5	-----	SGS01 2.0
122294-6	4Y495761	SGS01 3.0
122294-7	-----	SGS01 5.0

TANGENT ANGLE CUT-OFF BLADES

The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Characteristics: Sharp edges cut by slicing, creating a gradual cut. This produces less deformation of the material being cut. Cutting edges must be able to by-pass each other. This type cut-off is best used with circular shaped wire.

- TC Coating Available -



122759

ITEM NUMBER	OEM #	DESCRIPTION	MARK	CLASS
122759	4Y495688	TA-V CUT-OFF	759	TA-V

TB-S2 TAPE CUTTER MACHINE SERIES

COLLINEAR ANGLE CUTTER BLADE & ANVIL CLASS: CL-A

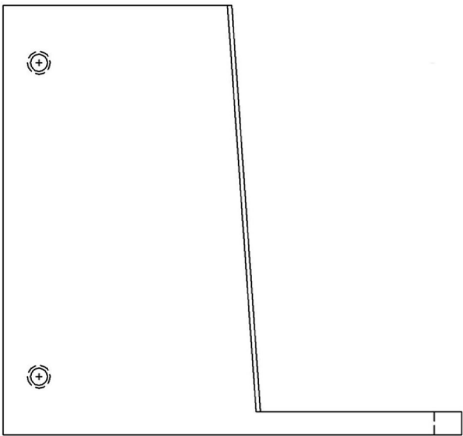


COLLINEAR ANGLE CUT-OFF BLADES

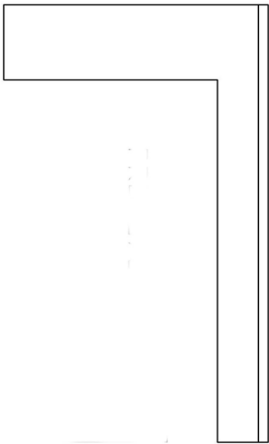
Sharp edge is ground to a flat collinear angle.

Characteristics: Sharp edges cut by shearing action. This class of blade was designed to allow multiple conductor wire to be processed without deforming the wire. The main advantage of this class is the ability to process many different wire gauges with the same blades.

- TC Coating Available -



PROTO 74



PROTO 75

PROTO 74 & 75
CUTTER BLADE

ITEM NUMBER	MARK	DESCRIPTION
PROTO75	-----	TB-S2 TAPE CUTTER BLADE
PROTO74	-----	TB-S2 TAPE CUTTER AVIL

TOYOJAMCO CRIMPER-STRIPPER MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADES CLASS: TA-V



TANGENT RADIUS “V” STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



122162-XX

ITEM NUMBER	MARK
122162-1	L
122162-2	R
122162-3	R1
122162-4	L1
122162-5	F
122162-6	F1
122162-7	RH
122162-8	LH
122162-9	RN
122162-10	FN
122162-11	FF

ITEM NUMBER	MARK
122162-12	SS
122162-13	G
122162-14	GB
122162-15	GBN
122162-16	G1
122162-17	RN1
122162-18	M-R
122162-19	M-L
122162-20	-----
122162-21	CB-R / SB-R
122162-22	CB-L
122162-23	SB-L

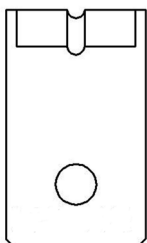
COLLINEAR RADIUS TYPE

The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over plastic, plastic over shields, etc.

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off-center wire condition has to be considered when choosing blade size.

- TC Coating Available -



122845-XX

MM DIA SIZE	ITEM NUMBER	OEM #	DESCRIPTION
0.9	122845-16	MW05-A0958	CL-R BLADE
1.1	122845-10	-----	CL-R BLADE
1.0	122845-17	MW05-A0908	CL-R BLADE
1.2	122845-13	MW05-A0308	CL-R BLADE
1.4	122845-15	MW05-A0358	CL-R BLADE
1.5	122845-14	-----	CL-R BLADE
1.6	122845-18	MW05-A0408	CL-R BLADE
1.8	122845-21	-----	CL-R BLADE
1.9	122845-11	-----	CL-R BLADE
2.0	122845-1	MW05-A0558	CL-R BLADE
2.2	122845-23	-----	CL-R BLADE
2.6	122845-2	-----	CL-R BLADE
2.8	122845-26	-----	CL-R BLADE
2.9	122845-27	-----	CL-R BLADE

MM DIA SIZE	ITEM NUMBER	OEM #	DESCRIPTION
3.1	122845-12	-----	CL-R BLADE
3.4	122845-8	-----	CL-R BLADE
3.7	122845-22	-----	CL-R BLADE
3.9	122845-3	-----	CL-R BLADE
3.95	122845-24	-----	CL-R BLADE
4.0	122845-27	-----	CL-R BLADE
4.1	122845-25	-----	CL-R BLADE
4.3	122845-19	-----	CL-R BLADE
4.6	122845-20	-----	CL-R BLADE
5.0	122845-5	-----	CL-R BLADE
5.2	122845-4	-----	CL-R BLADE
5.8	122845-9	-----	CL-R BLADE
6.0	122845-7	-----	CL-R BLADE
8.0	122845-6	-----	CL-R BLADE

TOYOJAMCO USC-2300 MACHINE SERIES

TANGENT RADIUS “V” CUT / STRIP BLADES CLASS: TA-V

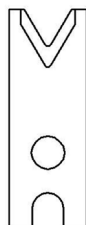
TANGENT RADIUS “V” CUT / STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



123321-XX

MM DIA SIZE	ITEM NUMBER	OEM #	DEGREE	DESCRIPTION
0.1	123321-3	MP36-01547	30	TA-V CUT
0.1	123321-5	MP36-01548	30	TA-V CUT
0.9	123321-1	MP36-01556	20	TA-V STRIP
1.3	123321-2	MP36-01557	20	TA-V STRIP
1.7	123321-4	MP36-01558	20	TA-V STRIP

TOYOJAMCO USC-2300 MACHINE SERIES

TANGENT RADIUS “V” CUT / STRIP BLADES CLASS: TA-V

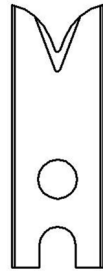
TANGENT RADIUS “V” CUT / STRIP BLADES

The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

Advantages: By adjusting cutter head shut height, (if insulation material and wall thickness allow), you can process adjacent wire extrusions.

Disadvantages: Inadequate for processing thin wall and/or hard insulations such as cross-link or fiberglass jackets.

- TC Coating Available -



124141-X

MM DIA SIZE	ITEM NUMBER	MARK	DEGREE	DESCRIPTION
0.6	124141-1	C74S0550B	25	TA-V CUT



LAKES PRECISION^{INC.}

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WANGSTON MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR WANGSTON CMK-65 MACHINE SERIES

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WANGSTON CMK-65 MACHINE SERIES

COLLINEAR ANGLE STRAIGHT EDGE STRIP BLADES CLASS: CL-A

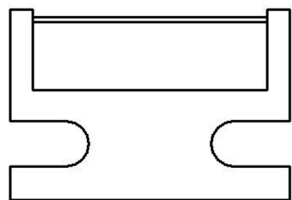
COLLINEAR ANGLE STRIP BLADES

Sharp edge is ground to a flat collinear angle.

This class of blade was designed to allow multiple conductor wire to be processed with one set of blades. This class is also used in many rotary strip models. The main advantage of this class is the ability to process many different wire gauges with the same blades, (dependent upon machine function).

There will always be a percentage of insulation tear with this class of blade. This class does not work well with thin wall insulation.

- TC Coating Available -

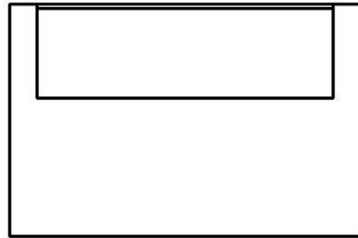


123271-XX

ITEM NUMBER	MARK	DESCRIPTION
123271-1	0.75 mm2	CL-A STRAIGHT EDGE STRIP

WANGSTON CMK-65 MACHINE SERIES

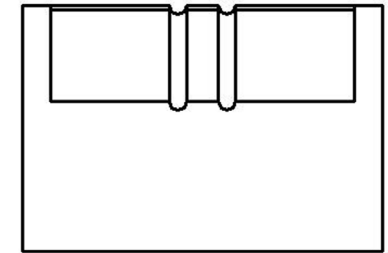
COLLINEAR RADIUS / COLLINEAR ANGLE STRIP BLADES CLASS: CL-A / CL-R



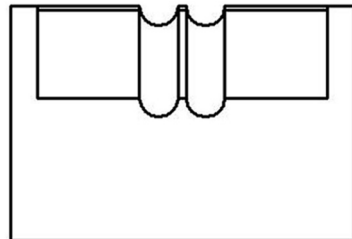
122792
1.2
CL-A STRIP

FOR ADDITIONAL INFORMATION ON WANGSTON BLADES,
PLEASE CONTACT LAKES PRECISION, INC.

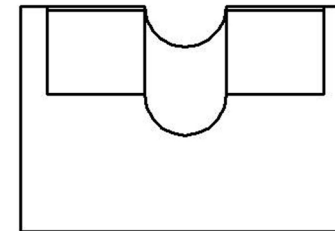
- TC Coating Available -



122793
048X134
CL-R STRIP



122794
110X134
CL-R STRIP



123020-XX
CL-R STRIP



LAKES PRECISION^{INC.}

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WENCO MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR THE FOLLOWING MACHINE SERIES:

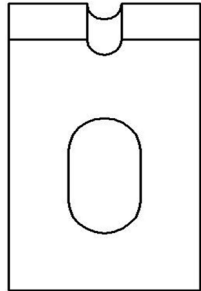
- WENCO MACHINE SERIES

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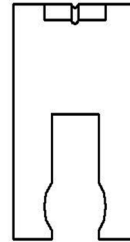
www.lakesprecision.com

WENCO MACHINE SERIES

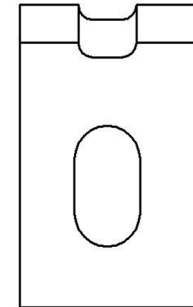
WENCO SERIES S-30C, S-130 CLASS: CL-R



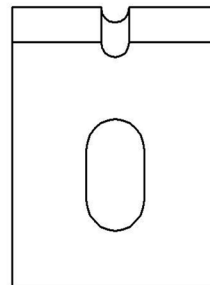
122266-XX
S-30C SERIES



122645



123171-XX OVAL
S-30C SERIES



122579-XX
S-130 SERIES

-FOR MORE INFORMATION ON THESE BLADES, PLEASE CONTACT LAKES PRECISION, INC-

-SEND WIRE SAMPLES TO LAKES PRECISION, INC

-TC COATING AVAILABLE-



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ZOLLER & FROHLICH MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR ZOLLER & FROHLICH AL01 / AL04 MACHINE SERIES

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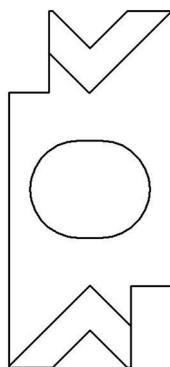
www.lakesprecision.com

UNIVERSAL CUT / STRIP BLADES

The sharp edge is ground at an angle that results in a “V” opening of exactly 90 degrees.

Characteristics: 90 degree angle is widely accepted as the best entry angle to use for processing a wide range of wire sizes using the same blade setup. Most of the time, this class of blade incorporates a sharp edge ground to a very small or non-existing radius. It works sufficiently for most of standard wall insulation but is marginal for thin wall, cross-linked PVC, very rubbery insulations, woven fiber or thin-walled multi-conductors.

- *TC Coating Available* -



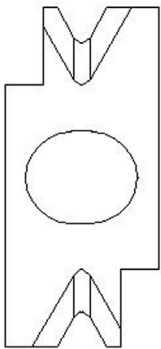
123167

ITEM NUMBER	DESCRIPTION
123167	UN-V CUT / STRIP BLADE FOR AL01

UNI-V UNIVERSAL STRIP BLADE

The sharp edge is ground to an arc that has a small radius. The entry angle lines meet the arc at a tangent point. Unique to this from is an auxiliary angle that intersects the entry angle. This results in greater insulation penetration and a better strip. This patented blade type allows wire sizes from 26 awg to 10 awg to be processed using a single set of blades.

- TC Coating Available -



124182

ITEM NUMBER	DESCRIPTION
124182-1	30 DEGREE
124182-2	20 DEGREE

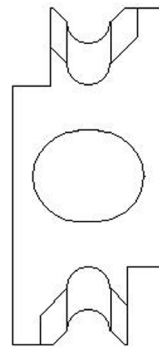
TRU-RADIUS STRIP BLADE

The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

Advantages: This type of blade is excellent for precise and clean jacket removal because it combines the scissor-like shearing action of the by-pass blade with the exact hole profile matching a conductor gauge. Excellent for thin wall cross-link PVC and most rubbery or elastic insulations (thin or thick wall).

Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- TC Coating Available -



124551

ITEM NUMBER	DIA MM SIZE
124551-1.20	1.20
124551-2.00	2.00
124551-2.40	2.40
124551-3.00	3.00
124551-3.10	3.10
124551-5.75	5.75