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*
- □ *33 / 34 / 35 / 36*
- □ *40'S*
- □ *40 / 42 / 43*
- □ *62*
- □ *135*
- □ *210 / 220 / 230*
- □ KAPPA *230 / 235 / 240 / 310 / 350*
- □ *GAMMA 255*
- □ *GAMMA 311 / 333*
- □ *ALPHA 411 / 421 / 422 / 432*
- □ *ALPHA 433-S & 433-H*
- □ *ALPHA 477 & 488*
- □ *ZETA 633 / 655*
- □ *BT 700 / BT 721*
- □ *MG 711*
- □ *ARA*

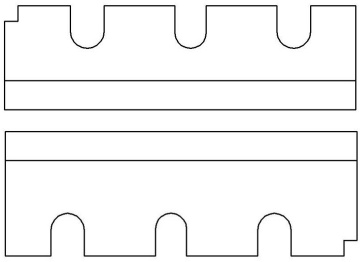
Your Global Source for Wire Processing Perishable Tooling

KOMAX 30 / 31 MACHINE SERIES

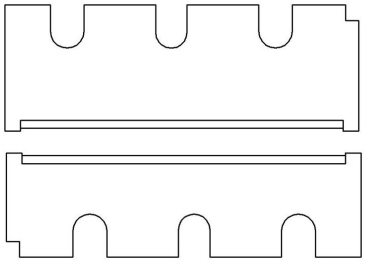
STANDARD / STRAIGHT EDGE / UNIVERSAL CUT / STRIP BLADES

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

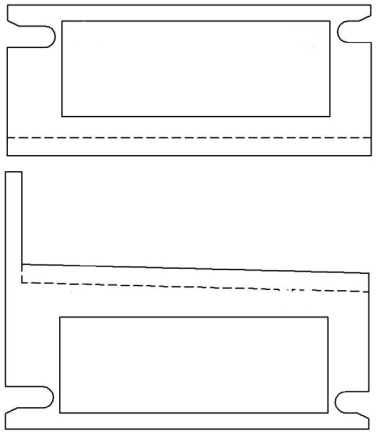
- SEND RIBBON CABLES TO LAKES PRECISION FOR BLADE SIZING -



5-122329
KOMAX 30

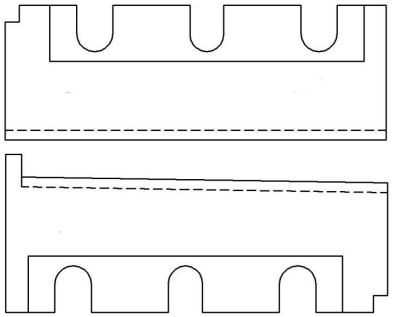


5-122540-XX
KOMAX 31
RIBBON CABLE

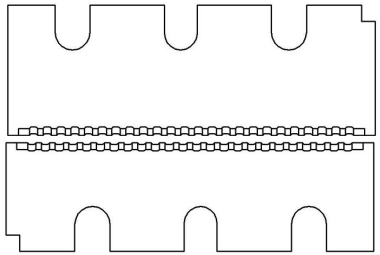


5-122254
KOMAX 31

- TC Coating Available -



5-122339
KOMAX 30



5-122397
KOMAX 30/31
RIBBON CABLE

TRU-RADIUS CUT / STRIP BLADE

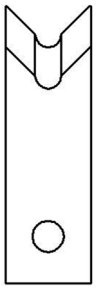
The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

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

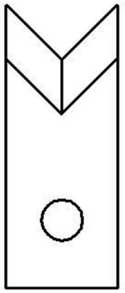
DIA MM SIZE	ITEM NUMBER
2.2 S	122543-31
2.2 L	122543-32
2.3 S	122543-33
2.3 L	122543-34
2.4 S	122543-35
2.4 L	122543-36
2.5 S	122543-37
2.5 L	122543-38
2.6 S	122543-39
2.6 L	122543-40
2.7 S	122543-41
2.7 L	122543-42
2.8 S	122543-43
2.8 L	122543-44
4.6 S	122543-53
4.6 L	122543-54
5.1 S	122543-45
5.1 L	122543-46

KOMAX 33 / 34 / 35 / 36 MACHINE SERIES

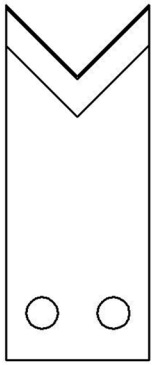
STANDARD CUT / STRIP BLADES

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

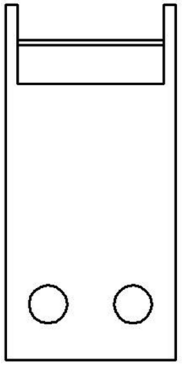
- TC Coating Available -



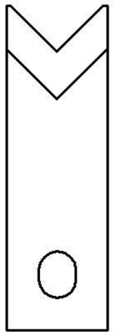
122436-XX
KOMAX 33
OEM PAIR # 110106



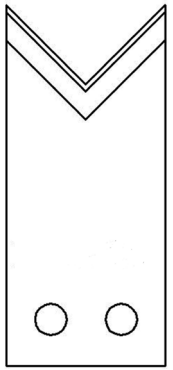
122200
KOMAX 34
OEM # 016498
OEM PAIR # 016497



122309-XX
KOMAX 34
OEM PAIR # 042496



122206
KOMAX 35
OEM PAIR # 018810



122545-XX
KOMAX 36
OEM PAIR # 030892

LAKES PRECISION INC.

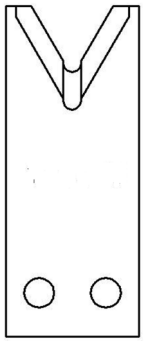
TRU-RADIUS CUT / STRIP BLADE

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

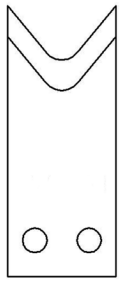
TANGENT RADIUS "V" CUT / STRIP BLADES

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

LAKES PRECISION INC.

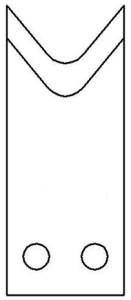
TANGENT RADIUS "V" CUT / STRIP BLADES

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	DECRIPTION
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

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 #	DECRIPTION
123230	041309	UN-V CUT / STRIP BLADE

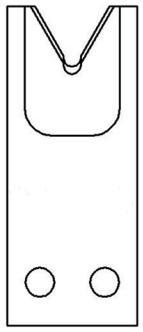
TRU-RADIUS CUT / STRIP BLADE WITH RELIEF

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

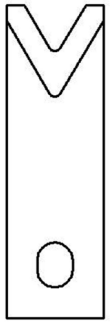
TANGENT RADIUS "V" STRIP BLADE 30 DEGREE

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	DECRIPTION
1.3	124124-1.3	TA-V STRIP BLADE

LAKES PRECISION INC.

TANGENT RADIUS "V" CUT / STRIP BLADES

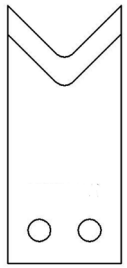
The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

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
0.25	122435-39	---------	CUT / STRIP 0.5S
0.25	122435-40	----------	CUT / STRIP 0.5L
0.3	122435-37	---------	CUT / STRIP 0.6S
0.3	122435-38	---------	CUT / STRIP 0.6L
0.4	122435-23	----------	CUT / STRIP 0.8S
0.4	122435-24	----------	CUT / STRIP 0.8L
0.55	122435-25	----------	CUT / STRIP 1.1S
0.55	122435-26	----------	CUT / STRIP 1.1L
0.8	122435-27	----------	CUT / STRIP 1.6S
0.8	122435-28	----------	CUT / STRIP 1.6L
1.15	122435-29	----------	CUT / STRIP 2.3S
1.15	122435-30	----------	CUT / STRIP 2.3L
1.3	122435-9	----------	CUT / STRIP 2.6S
1.3	122435-10	----------	CUT / STRIP 2.6L
1.4	122435-41	---------	CUT / STRIP 2.8S
1.4	122435-42	---------	CUT /STRIP 2.8 L
1.5	122435-15	----------	CUT / STRIP 3.0S
1.5	122435-16	----------	CUT / STRIP 3.0L
1.6	122435-11	----------	CUT / STRIP 3.2S
1.6	122435-12	----------	CUT / STRIP 3.2L
1.65	122435-3	----------	CUT / STRIP 3.3S

RADIUS MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
1.65	122435-4	----------	CUT / STRIP 3.3L
1.75	122435-1	----------	CUT / STRIP 3.5S
1.75	122435-2	----------	CUT / STRIP 3.5L
1.9	122435-19	----------	CUT / STRIP 3.8S
1.9	122435-20	---------	CUT / STRIP 3.8L
2.0	122435-17	035227	CUT / STRIP 4.0S
2.0	122435-18	035227	CUT / STRIP 4.0L
2.3	122435-21	----------	CUT / STRIP 4.6S
2.3	122435-22	----------	CUT / STRIP 4.6L
2.75	122435-35	----------	CUT / STRIP 5.5S
2.75	122435-36	----------	CUT / STRIP 5.5L
2.8	122435-31	----------	CUT / STRIP 5.6S
2.8	122435-32	----------	CUT / STRIP 5.6L
3.25	122435-7	----------	CUT / STRIP 6.5S
3.25	122435-8	----------	CUT / STRIP 6.5L
3.5	122435-33	----------	CUT / STRIP 7.0S
3.5	122435-34	----------	CUT / STRIP 7.0L
3.55	122435-5	----------	CUT / STRIP 7.1S
3.55	122435-6	----------	CUT / STRIP 7.1L
4.0	122435-13	----------	CUT / STRIP 8.0S
4.0	122435-14	----------	CUT / STRIP 8.0L

LAKES PRECISION INC.

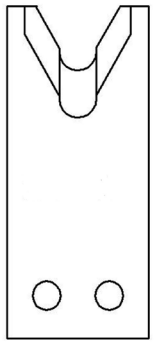
TRU-RADIUS "V" CUT / STRIP SHORT & LONG BLADE

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	122660360L
9.1	122660-360S
9.6	122660-380L
9.6	122660-380S
10.0	122660-395L
10.0	122660-395S

LAKES PRECISION INC.

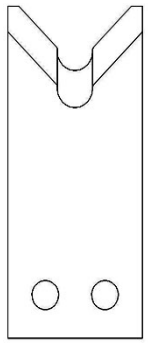
TRU-RADIUS "V" CUT / STRIP SHORT & LONG BLADE

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

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 Nitrade coating is desired, add "TC" to the end of the part number.

Example;

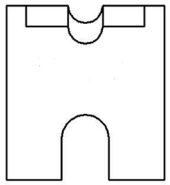
122067-1 = 1.2 mm Diameter Non-Coated

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 -

KOMAX 40'S MACHINE SERIES

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

LAKES PRECISION INC.

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

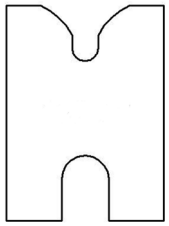
RADIUS WIRE GUIDE

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

DIA MM 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

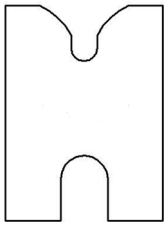
DIA MM SIZE	OEM #	ITEM NUMBER
2.0	003149	122078-2
2.1	003150	122078-31
2.2	003151	122078-3
2.3	003152	122078-10
2.4	003153	122078-25
2.5	003154	122078-24
2.6	003155	122078-4
2.7	003023	122078-5
2.8	003156	122078-11
2.9	003157	122078-42
3.0	003158	122078-6
3.1	003159	122078-12
3.2	003160	122078-26
3.3	003161	122078-7
3.4	003162	122078-29
3.5	003163	122078-20

DIA MM 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 -

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

UNIVERSAL STRIP BLADES

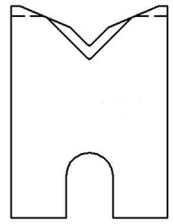
The sharp edge is ground at an angle that results in a "V" opening of exactly 90 degrees.

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

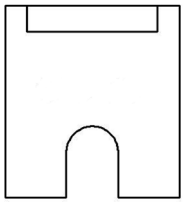
Sharp edge is ground to a collinear angle.

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 inherant 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

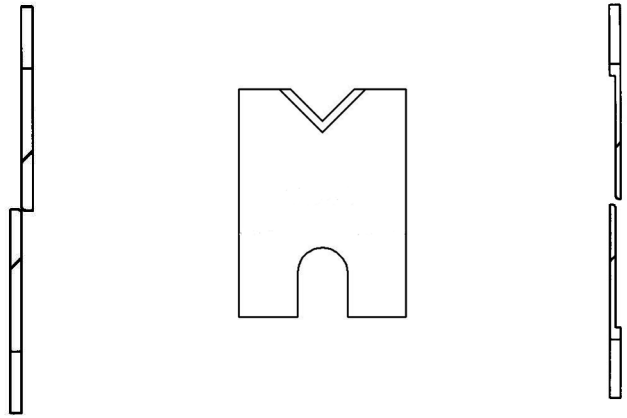


TANGENT ANGLE CUT-OFF BLADES

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

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).

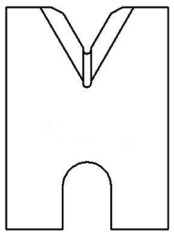
Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

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

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).

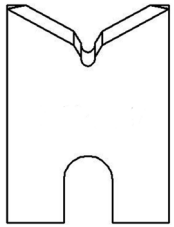
Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

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

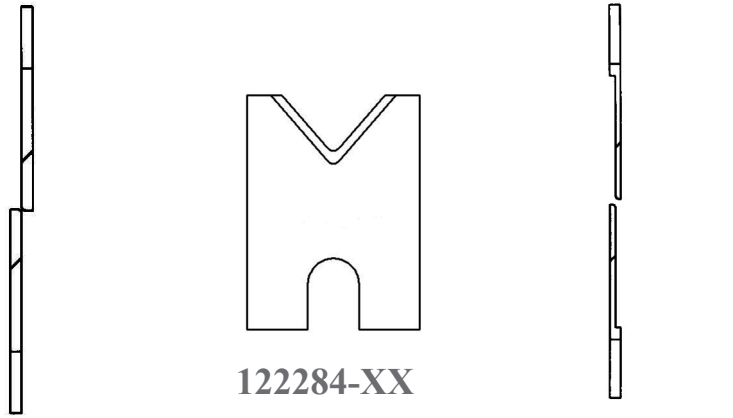
TANGENT RADIUS "V" STRIP BLADES

The sharp edge is ground to an arc whose radius aproximates 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 -



STYLE A STYLE B

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

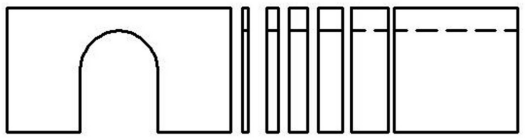
VARIABLE SPACERS

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

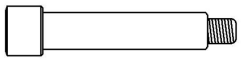
DIA MM SIZE	OEM #	ITEM NUMBER
.025	------	122102-36
0.1	------	
0.4	------	122102-47
0.5	------	122102-1
0.6	------	122102-42
0.7	------	122102-37
0.75	------	122102-43
0.8	------	122102-44
1.0	003139	122102-2
1.1	------	122102-48
1.2	------	122102-35
1.25	------	122102-45
1.3	------	122102-49
1.4	------	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

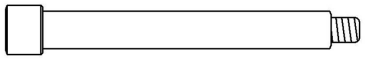
DIA MM SIZE	OEM #	ITEM NUMBER
8.5	------	122102-18
9.0	------	122102-19
9.5	------	122102-20
10.0	003029	122102-11
10.5	------	122102-21
11.0	------	122102-22
11.5	------	122102-23
12.0	------	122102-24
12.5	------	122102-25
13.0	------	122102-26
13.5	------	122102-27
14.0	------	122102-28
14.5	------	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



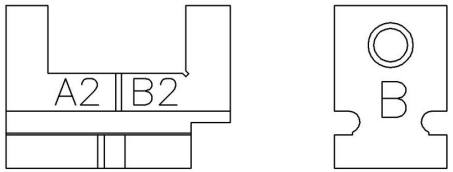
122289

122137-2

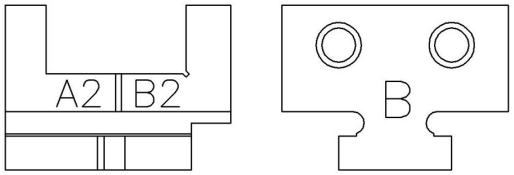
ITEM NUMBER	DESCRIPTION
5-122537	10 / 10 DOUBLE ASSY WITHOUT BLADES
5-122428	10 / 10 DOUBLE BLADE ASSY
5-122299	10 / 10 TOP DOUBLE WITH SCREWS
5-122300	10 / 10 LOWER DOUBLE WITH SCREWS
5-122361	10 / 10 TOP & LOWER WITH SPACERS
5-122133	10 / 10 TOP & LOWER WITH SCREWS
5-122337	20 / 20 TOP & LOWER
5-122288	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

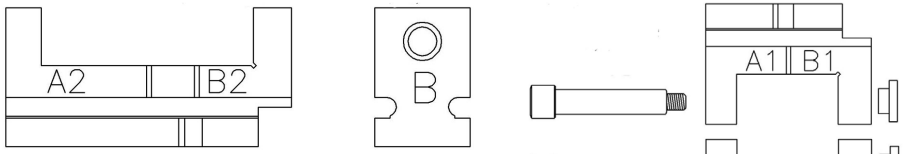
10 /10
122135 UPPER
122136 LOWER



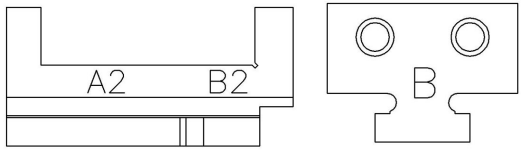
10 /10 DOUBLE
122297 UPPER
122298 LOWER



20 / 20
122285 UPPER
122286 LOWER



20 / 20 DOUBLE
122429 UPPER
122430 LOWER

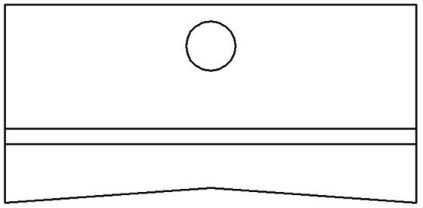


LAKES PRECISION INC.

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

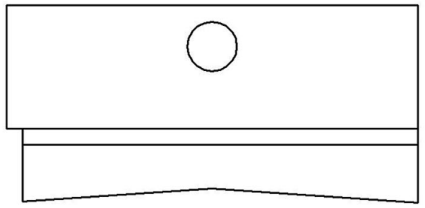
- TC Coating Available -

DIA MM SIZE	ITEM NUMBER	OEM #	DECRIPTION
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

GROMMET LOADER

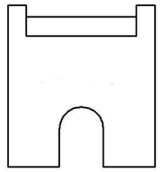
Sharp edge is ground to a collinear angle.

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 inherant 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

STRAIGHT EDGE CUT/STRIP

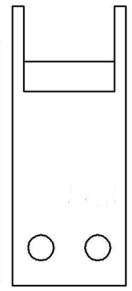
Sharp edge is ground to a collinear angle.

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 inherant 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

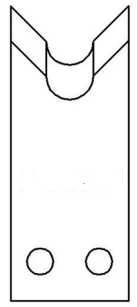
TRU-RADIUS CUT / STRIP BLADE

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

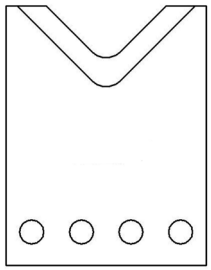
TANGENT RADIUS “V” STRIP BLADES

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

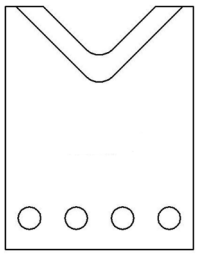
TANGENT RADIUS "V" STRIP BLADES - CARBIDE

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

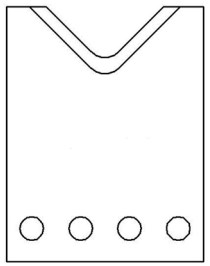
TANGENT RADIUS "V" CUT / STRIP BLADES

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

DIA MM 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

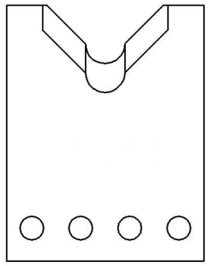
TRU-RADIUS CUT / STRIP BLADE

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

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 MACHINE SERIES

TRU-RADIUS CUT / STRIP BLADES CLASS: TR-V

- ADDITIONAL PART NUMBER'S ON SUCCEEDING PAGES -

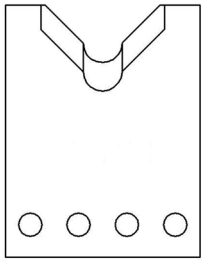
TRU-RADIUS CUT / STRIP BLADE CONTINUED

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

TANGENT RADIUS "V" STRIP BLADES

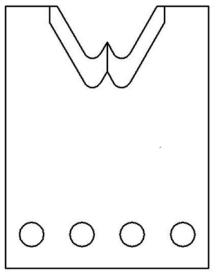
The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

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	DECRIPTION
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

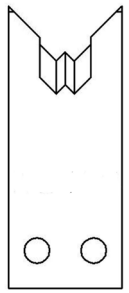
UNIVERSAL STRIP BLADES

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

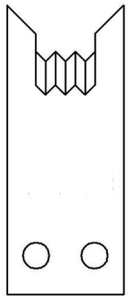
CENTER TO CENTER MM	OEM #	ITEM NUMBER	DECRIPTION
2.0	0062692	123284-5	2 CONDUCTOR UN-V CUT / STRIP / INNER STRIP OPTION
2.4	------	123284-1	2 CONDUCTOR UN-V CUT / STRIP / INNER STRIP OPTION
2.43	0061975	123284-2	2 CONDUCTOR UN-V CUT / STRIP / INNER STRIP OPTION
2.48	------	123284-7	2 CONDUCTOR UN-V CUT / 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

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

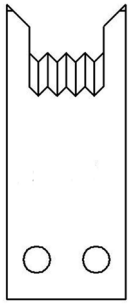
CENTER TO CENTER MM	OEM #	ITEM NUMBER	DECRIPTION
1.35	------	123213-4	3 COND UN-V FOR INNER STRIP OPTION
2.0	------	123213-3	3 COND UN-V FOR INNER STRIP OPTION
2.1	0062693	123213-7	3 COND UN-V FOR INNER STRIP OPTION
2.44	0061972	123213-5	3 COND UN-V FOR INNER STRIP OPTION
2.54	0061973	123213-1	3 COND 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

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

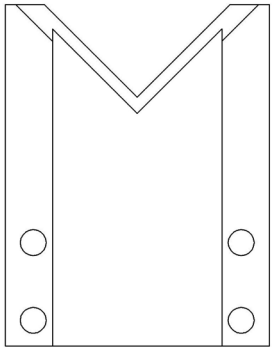
CENTER TO CENTER MM	ITEM NUMBER	DECRIPTION
1.4	123300-4	4 COND UN-V FOR INNER STRIP OPTION
2.1	123300-5	4 COND UN-V FOR INNER STRIP OPTION
2.3	123300-1	4 COND UN-V FOR INNER STRIP OPTION
3.0	123300-3	4 COND UN-V FOR INNER STRIP OPTION
3.4	123300-2	4 COND UN-V FOR INNER STRIP OPTION

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 #	DECRIPTION
----	123097	053884	UN-V CUT / STRIP

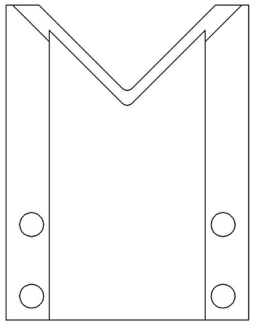
TANGENT RADIUS "V" STRIP BLADES

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

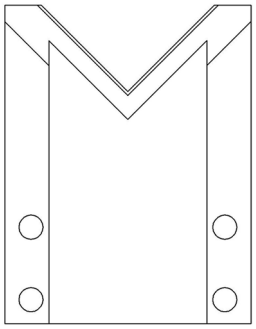
DIA MM SIZE	ITEM NUMBER	OEM #	DECRIPTION
1.9	124515-7	------	TA-V CUT / STRIP BLADE
3.2	124515-1	------	TA-V CUT / STRIP BLADE
4.0	124515-5	0058233	TA-V CUT / STRIP BLADE
6.0	124515-4	0058235	TA-V CUT / STRIP BLADE
6.3	124515-2	------	TA-V CUT / STRIP BLADE
8.0	124515-3	0058237	TA-V CUT / STRIP BLADE
12.0	124515-6	------	TA-V CUT / STRIP BLADE

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 #	DECRIPTION
123838	0066350	UN-V CUT / STRIP BLADE

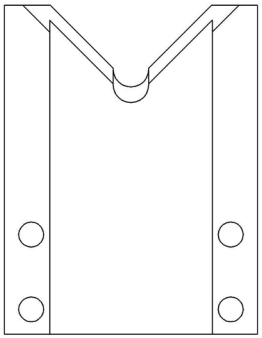
TRU-RADIUS STRIP BLADE

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 -



123108-XX

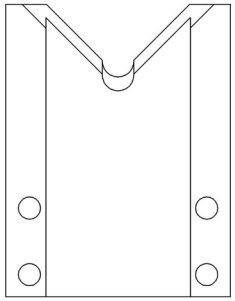
DIA MM SIZE	ITEM NUMBER
1.8	123108-1.8
1.9	123108-1.9
2.0	123108-2.0
2.1	123108-2.1
2.2	123108-2.2
2.3	123108-2.3
2.4	123108-2.4
2.5	123108-2.5
2.6	123108-2.6
2.7	123108-2.7
2.8	123108-2.8
2.9	123108-2.9
3.0	123108-3.0
3.1	123108-3.1
3.2	123108-3.2

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 -



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

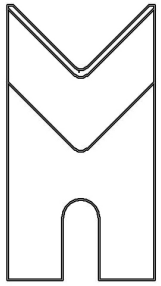
TANGENT RADIUS "V" CUT / STRIP BLADES

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

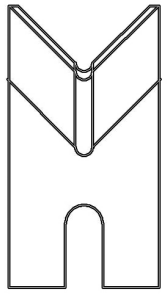
TRU-RADIUS CUT / STRIP BLADE

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

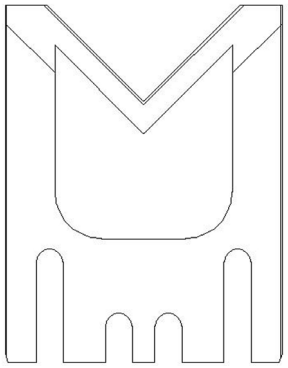
DIA MM SIZE	ITEM NUMBER	DESCRIPTION
0.50	124838-0.50	TR-V CUT/STRIP BLADE
0.60	124838-0.60	TR-V CUT/STRIP BLADE
0.70	124838-0.70	TR-V CUT/STRIP BLADE
0.75	124838-0.75	TR-V CUT/STRIP BLADE
0.90	124838-0.90	TR-V CUT/STRIP BLADE
1.00	124838-1.00	TR-V CUT/STRIP BLADE
1.40	124838-1.40	TR-V CUT/STRIP BLADE
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

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

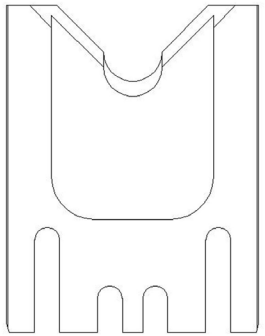
TRU-RADIUS CUT / STRIP BLADE

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 -

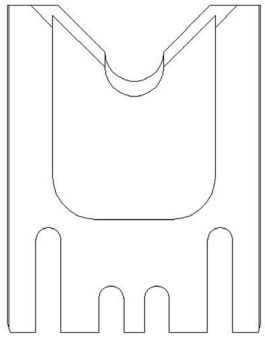
TRU-RADIUS CUT / STRIP BLADE

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

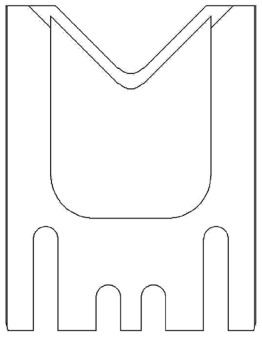
TANGENT RADIUS "V" CUT/STRIP BLADES

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

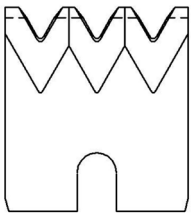
TANGENT RADIUS "V" STRIP BLADES

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

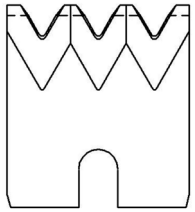
TANGENT RADIUS "V" STRIP BLADES

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

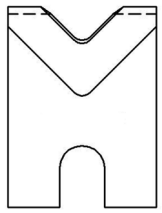
TANGENT RADIUS "V" STRIP BLADES

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

LAKES PRECISION INC.

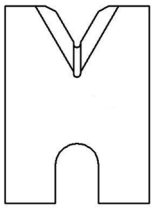
TRU-RADIUS STRIP BLADE

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 -



122651-XX

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

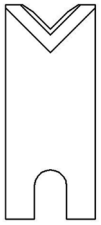
ITEM NUMBER	MARK	DESCRIPTION
122651-063	1.6	TR-V STRIP
122651-067	1.7	TR-V STRIP
122651-075	1.9	TR-V STRIP
122651-078	2.0	TR-V STRIP
122651-083	2.1	TR-V STRIP
122651-087	2.2	TR-V STRIP
122651-095	2.4	TR-V STRIP
122651-102	2.6	TR-V STRIP
122651-106	2.7	TR-V STRIP
122651-118	3.0	TR-V STRIP
122651-126	3.2	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

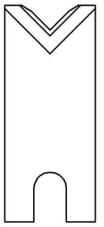
KOMAX GAMMA 311 / 333 & ALPHA 411 / 421 / 422 / 432

CUT & REJECT BLADES

LAKES PRECISION INC.

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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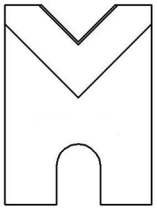
122241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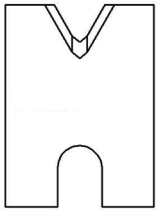
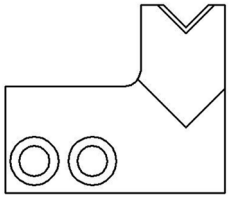

122826-XX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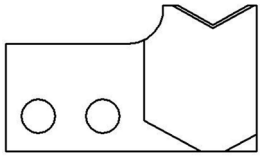
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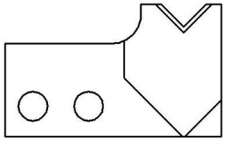
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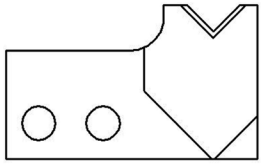
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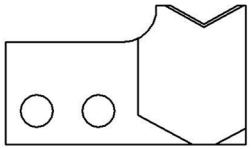
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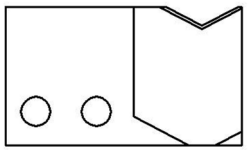
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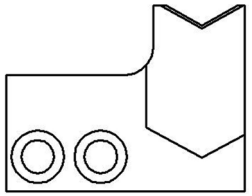

122357

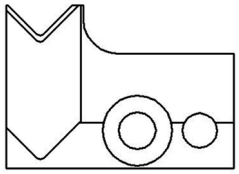
- Uncoated Blades Available -

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

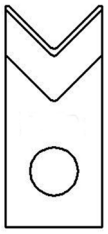
ITEM NUMBER	OEM #	DESCRIPTION
123191	047636	LOWER UN-V CUT-OFF

TANGENT RADIUS / UNIVERSAL STRIP BLADES

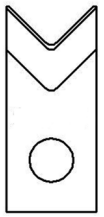
The sharp edge is ground at an angle that results in a "V" opening of exactly 90 degrees.

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.

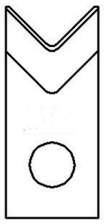
122800



122669

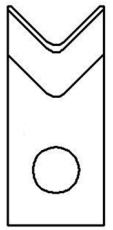


122802

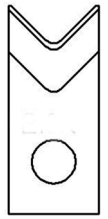


122674

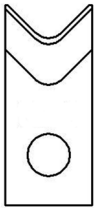
DIA MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
0.2	122800 TC	048492	0.1 RADIUS
0.6	123392-4 TC	0335772	0.3 RADIUS
0.7	123392-3 TC	800006	0.35 RADIUS
0.8	123392-5 TC	------	0.4 RADIUS
1.0	122669 TC	045592	0.5 RADIUS
1.2	123392-2 TC	---------	0.6 RADIUS
1.5	122802 TC	045588	0.75 RADIUS
2.0	122674 TC	045589	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



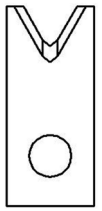
122668



122799



123372



122889

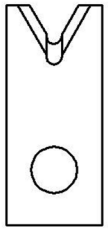
TRU-RADIUS STRIP BLADE

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
1230880-36	.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.

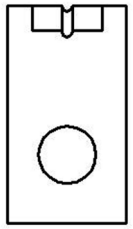
Advantages: This type of blade is excellent for precise and clean jacket removal because it exactly matches conductor gauge. Excellent for thin-wall cross-link PVC and most applications where precise jacket removal around the conductor is required, especially with layered coverings such as fiber over 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 Nitrade coating is desired, add "TC" to the end of the part number.

- TC Coating Available -



123773-XX

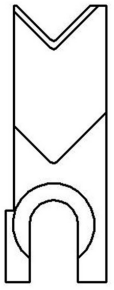
DIA MM SIZE	ITEM NUMBER
0.50	123773-0.50
0.60	123773-0.60
0.70	123773-0.70
0.75	123773-0.75
0.80	123773-0.80
0.90	123773-0.90
1.00	123773-1.00
1.10	123773-1.10
1.15	123773-1.15
1.20	123773-1.20
1.30	123773-1.30
1.40	123773-1.40
1.50	123773-1.50

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

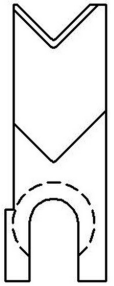
CUT & REJECT BLADES

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

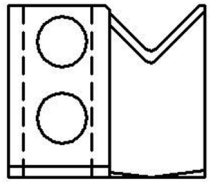
ITEM NUMBER	OEM #	DESCRIPTION
123802-4 TC	045597	2.0 TOP CUT
123803-1 TC	045604	0.75 BTM CUT
123803-2 TC	045605	1.0 BTM CUT
123803-3 TC	045606	1.5 BTM CUT
123803-4 TC	045607	2.0 BTM CUT
123804-1 TC	045599	0.75 BTM BAD WR
123804-2 TC	045600	1.0 BTM BAD WR



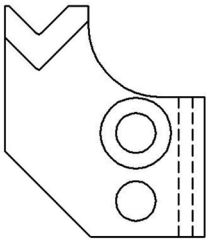
122670



122671
123802-X

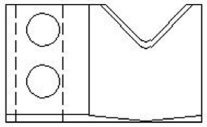


122672
123803-X



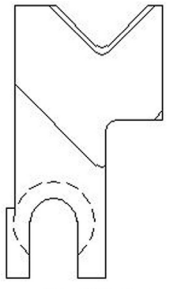
122673
123804-X

- Uncoated Blades Available -

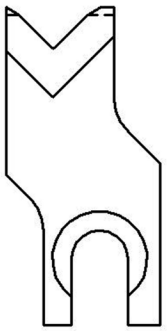


124294
OEM# 0314802
BOTTOM

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

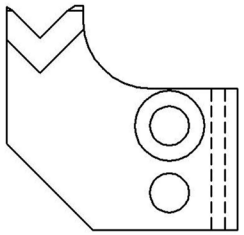


124295
OEM# 0314799
TOP



123882

ITEM NUMBER	OEM #	DESCRIPTION
123882	0059076	90 DEGREE CUT
123883	0059077	90 DEGREE CUT



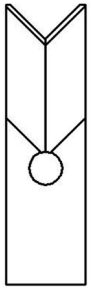
123883

UNIVERSAL CUT-OFF BLADES

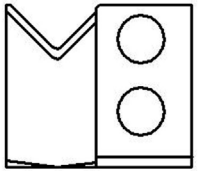
The sharp edge is ground to a radius size. The entry angle lines meet the radius at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

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

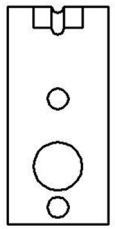
COLLINEAR RADIUS TYPE

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

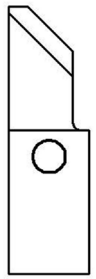
DIA MM SIZE	ITEM NUMBER
4.2	123210-39
4.3	123210-40
4.4	123210-41
4.5	123210-42
4.6	123210-43
4.7	123210-44
4.8	123210-45
4.9	123210-46
5.0	123210-47
5.1	123210-48
5.2	123210-49
5.3	123210-50
5.4	123210-51
5.5	123210-52
5.6	123210-53

COLLINEAR ANGLE CUT-OFF BLADES

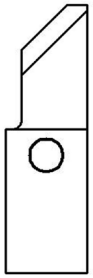
Sharp edge is ground to a flat collinear angle.

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

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

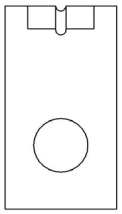
When choosing the correct size, the blade diameter chosen should be 0.1 mm to 0.15 mm larger than the measured conductor size. If Titanium Nitrade coating is desired, add "TC" to the end of the part number.

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

COLLINEAR RADIUS TYPE

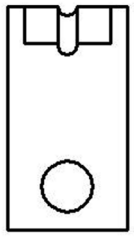
The sharp edge is ground to a half circle whose radius approximates awg wire size. Shearing edge is ground to a straight edge. This type of blade, when closed to shut height, forms a perfect circle profile.

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

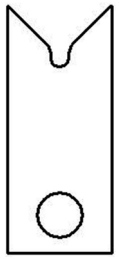
DIA MM SIZE	OEM #	ITEM NUMBER
0.6	------	123039-3
0.7	------	123039-4
0.8	0054991	123039-2
0.9	------	123039-5
1.0	0048334	123039-6
1.1	0051075	123039-7
1.2	------	123039-8
1.3	------	123039-1
1.4	------	123039-9
1.5	------	123039-10
1.6	------	123039-11

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

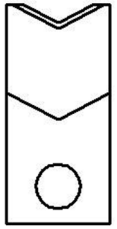
ITEM NUMBER	DIA MM SIZE	DESCRIPTION
123096-12	2.1	DIE TYPE WIRE GUIDE
123096-13	2.2	DIE TYPE WIRE GUIDE
123096-14	2.3	DIE TYPE WIRE GUIDE
123096-15	2.4	DIE TYPE WIRE GUIDE
123096-16	2.5	DIE TYPE WIRE GUIDE
123096-17	2.6	DIE TYPE WIRE GUIDE
123096-18	2.7	DIE TYPE WIRE GUIDE
123096-19	2.8	DIE TYPE WIRE GUIDE
123096-20	2.9	DIE TYPE WIRE GUIDE
123096-21	3.0	DIE TYPE WIRE GUIDE

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	DECRIPTION
0.5	123240-1	0048619	WE-A / TA-V CUT-OFF

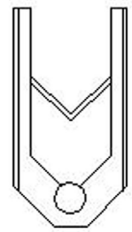
UNIVERSAL STRIP BLADES

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.

- 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

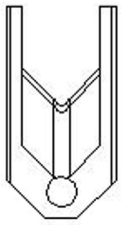
The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

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).

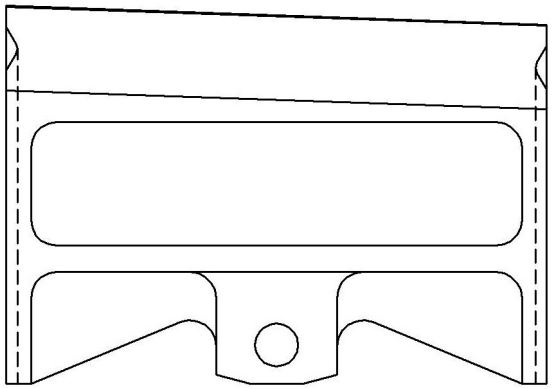
Disadvantages: Shut height cannot be modified to process adjacent wire sizes. Off center wire condition has to be considered when choosing blade size.

- 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

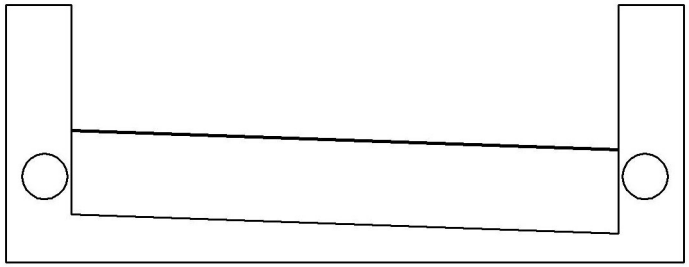


124497



123915

OEM # 0051327



123961

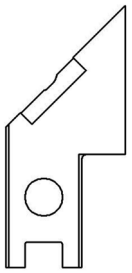
OEM # 0051328

UNIVERSAL STRIP BLADES

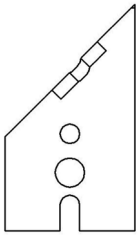
The sharp edge is ground at an angle that results in a "V" opening of exactly 90 degrees.

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



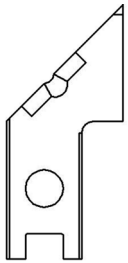
123114

ITEM NUMBER	OEM #	DECRIPTION
123009	----------	UNIVERSAL STRIP
123114	BZDB55001A	UNIVERSAL STRIP

LAKES PRECISION INC.

- FOR ALTERNATIVE SIZES, PLEASE SEND WIRE SAMPLES TO LAKES PRECISION, INC.

- TC Coating Available -



122388-XX

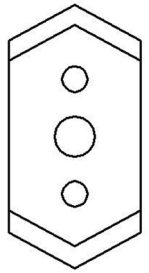
DIA MM SIZE	ITEM NUMBER	DECRIPTION
0.65	122388-3	ARA STRIP BLADE
0.8	122388-5	ARA STRIP BLADE
0.9	122388-4	ARA STRIP BLADE
1.3	122388-9	ARA STRIP BLADE
1.4	122388-10	ARA STRIP BLADE
1.8	122388-14	ARA STRIP BLADE

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

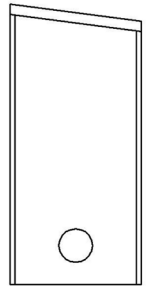
COLLINEAR ANGLE CUT-OFF BLADES

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

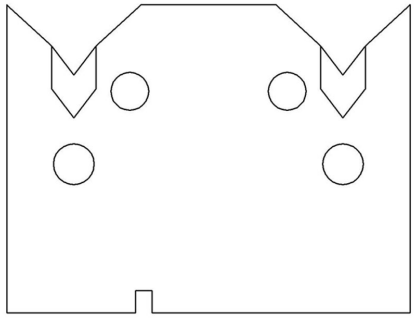
CUT-OFF BLADES

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

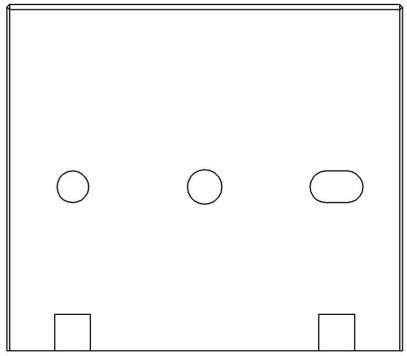
Sharp edge is ground to a flat collinear angle.

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