



LAKES PRECISION^{INC.}

Your Global Source for Wire Processing Perishable Tooling

PAWOMAT MACHINE SERIES

THIS SECTION CONTAINS BLADES FOR THE FOLLOWING MACHINE SERIES:

□ PAWOMAT MACHINE SERIES

□ B-12-N

□ B-12, B-16, 210B

□ MINICRIMP MACHINE SERIES

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www.lakesprecision.com

PAWOMAT MACHINE SERIES

COLLINEAR RADIUS STRIP BLADES CLASS: CL-R



COLLINEAR RADIUS TYPE

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

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

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

- TC Coating Available -



122701-XX

DIA MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
0.8	122701-6	15314	CL-R STRIP
0.85	122701-12	-----	CL-R STRIP
0.9	122701-1	11122	CL-R STRIP
0.95	122701-7	15469	CL-R STRIP
1.0	122701-4	11935	CL-R STRIP
1.05	122701-13	-----	CL-R STRIP
1.1	122701-2	11251	CL-R STRIP
1.15	122701-14	-----	CL-R STRIP
1.2	122701-3	11664	CL-R STRIP
1.25	122701-18	-----	CL-R STRIP

DIA MM SIZE	ITEM NUMBER	OEM #	DESCRIPTION
1.3	122701-16	-----	CL-R STRIP
1.35	122701-15	-----	CL-R STRIP
1.4	122701-20	-----	CL-R STRIP
1.5	122701-11	-----	CL-R STRIP
1.6	122701-17	-----	CL-R STRIP
2.0	122701-19	-----	CL-R STRIP
2.2	122701-8	15961	CL-R STRIP
2.3	122701-9	16004	CL-R STRIP
2.4	122701-10	16005	CL-R STRIP
2.6	122701-5	-----	CL-R STRIP

DIE TYPE BLADES

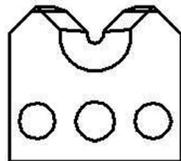
The die-type blade has a fixed shut height. The cutting edge is precisely drilled to an exact radius dimension for the conductor diameter. The insulation wall is contained in a counter-bore drilled around cutting edge.

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

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

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

- *TC Coating Available* -



124121

DIA MM SIZE	ITEM NUMBER	OEM #
1.1	124121-1.10	16267350110-U

PAWOMAT B-12, B-16, B-21, 210B MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADE CLASS: TR-V

TANGENT RADIUS “V” STRIP BLADE

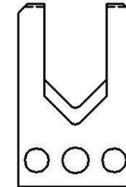
The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

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

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

- TC Coating Available -

ITEM NUMBER	DESCRIPTION	OEM #
124413-1.20	TA-V	16343030060



124413

PAWOMAT B-16 MACHINE SERIES

COLLINEAR ANGLE CUT-OFF BLADES CLASS: CL-A

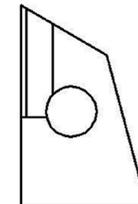
COLLINEAR ANGLE CUT-OFF BLADES

Sharp edge is ground to a flat collinear angle.

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

- TC Coating Available -

ITEM NUMBER	DESCRIPTION	OEM #	CLASS
123792	REJECT CUT BLADE	1604460A	CL-A



123792

PAWOMAT B-16 MACHINE SERIES

UNIVERSAL STRIP BLADES CLASS: UN-V

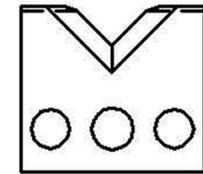
UNIVERSAL STRIP BLADES

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

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

- TC Coating Available -

ITEM NUMBER	DESCRIPTION	OEM #	CLASS
123793	UNIVERSAL STRIP	1604087	UN-V



123793

PAWOMAT B-16 MACHINE SERIES

TANGENT RADIUS “V” STRIP BLADE CLASS: TR-V

TANGENT RADIUS “V” STRIP BLADE

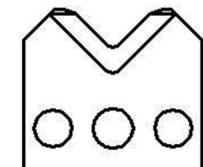
The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

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

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

- TC Coating Available -

ITEM NUMBER	DESCRIPTION	OEM #	CLASS
124412-1.20	TA-V	16040870060	TR-V



124412

PAWOMAT MINICRIMP MACHINE SERIES

TANGENT RADIUS CLASS: TA-V / TRU-RADIUS CLASS: TR-V

TANGENT RADIUS 2V STRIP BLADES - 30 DEGREE

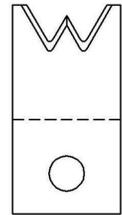
The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

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

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

- TC Coating Available -

DIA MM SIZE	CC-DEM.	ITEM NUMBER	OEM #	DESCRIPTION
1.0	5.0	123776-1	005.94.5026.000	2V TA-V STRIP
1.0	3.3	123776-2	-----	2V TA-V STRIP



123776

TANGENT RADIUS 2V STRIP BLADES - 15 DEGREE

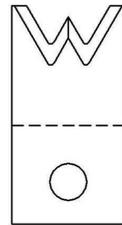
The sharp edge is ground to an arc whose radius approximates awg wire size. The entry angle lines meet the arc at a tangent point. This type of blade, when closed, presents a diamond shaped edge profile.

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

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

- TC Coating Available -

DIA MM SIZE	CC-DEM.	ITEM NUMBER	DESCRIPTION
1.0	5.0	123783-1	2V TA-V STRIP
1.0	3.3	123783-2	2V TA-V STRIP



123783

TRU- RADIUS 2V STRIP BLADES - 30 DEGREE

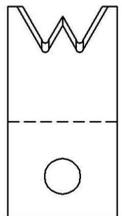
The sharp edge is ground to a half circle whose radius approximates awg wire size. The entry angle lines intersect the half circle at the quadrant points. This type of blade, when closed, presents a true circle profile.

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

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

- TC Coating Available -

DIA MM SIZE	CC-DEM.	ITEM NUMBER	DESCRIPTION
1.0	5.0	123779-1	2V TR-V STRIP
1.0	3.3	123779-2	2V TR-V STRIP



123779