

Multi-Conductor Series Blades

Used in the following **Artos, AMP, & Kut-Rite** machines:

Artos: CS series | TA-20 | S-1 | **AMP:** CLS series | **Kut-Rite:** MCS series | BTS series

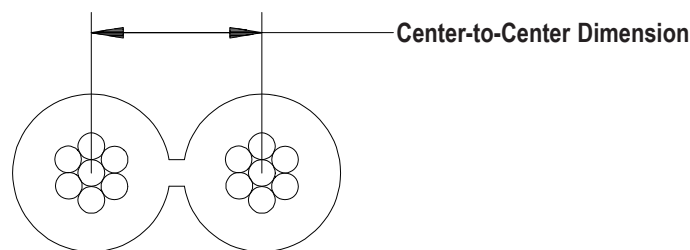
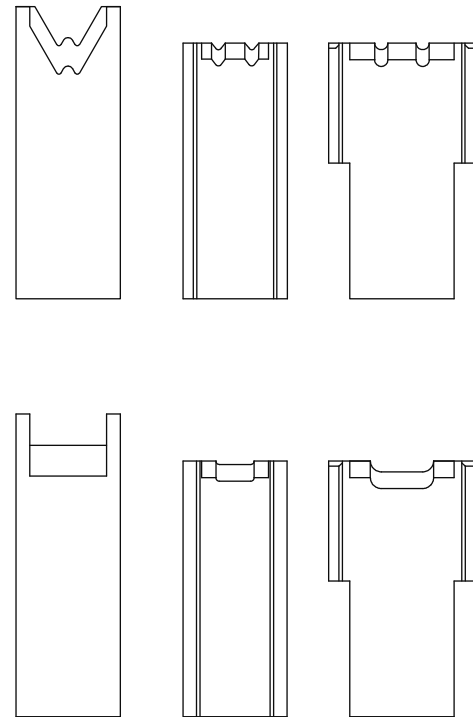
2-Conductor Cable Stripping Blades

Mechtrix manufactures both **V** and **Die-Type stripping blades** to process flat electrical wire with two (2) parallel conductors (SPT-2, HPN, speaker wire etc.) or for processing two (2) separate wires simultaneously in most wire processing machines manufactured by the Artos Engineering Company.

Mechtrix **2-Conductor stripping blades** are made to precision standards from a specially selected tool steel to insure optimum performance and blade life and are produced using state-of-the-art manufacturing techniques. Like all Mechtrix Blades these blades are computer designed to insure that the many intersecting angles and radii are optimally suited to the wire being processed. Our precision manufacturing techniques combined with patented cutting form geometry create tools that are optimally suited to our customers specific wire and unique processing requirements. 2-Conductor stripping blades also require the use of **Straight-Cut cut-off blades** for process optimization.

Since many 2-Conductor wires require the ends to be cut and stripped to different lengths, Mechtrix also offers special 2-Conductor stripping blades to accommodate stagger strip requirements. [Please note that stagger strip configurations require the use of a pre-slitter.](#)

Mechtrix also offers **Jacket stripping blades** for removing the oval shaped outer jacket on 2-Conductor wires with an additional layer of insulation over the primary insulation.



Due to the inherent problems associated with trying to accurately measure the **center-to-center** dimension of your particular wire, Mechtrix will perform a statistical analysis free of charge. To obtain an analysis of your wire, [please send approximately 3 ft. of wire to Mechtrix.](#) When completed Mechtrix will supply you with a **Wire Data Report** listing your wire data, along with recommended part numbers and pricing for all of the tooling required to process your wire.

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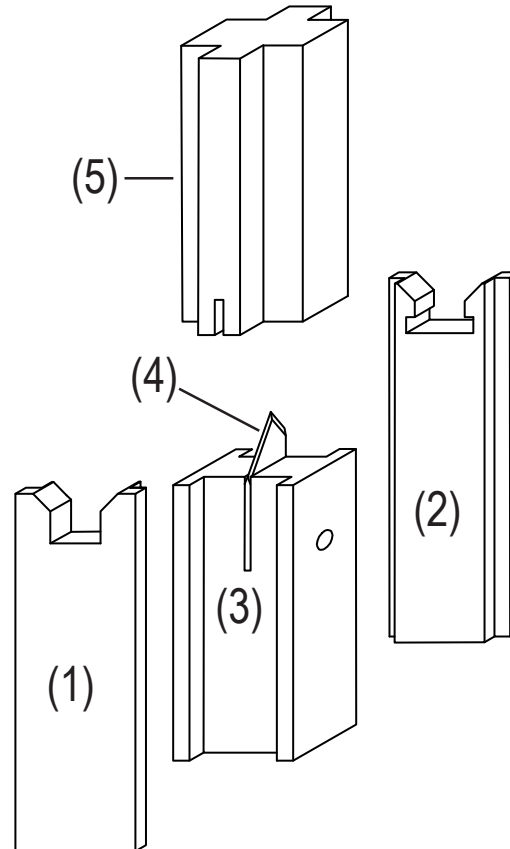
Slitting Tools for Multi-Conductor Flat Cables

The Mechtrix **Slitting Tool System** greatly improves the reliability of slitting 2 conductor cables by utilizing Mechtrix patented interlocking tooling design. This concept facilitates greater control over the cable both prior to and during slitting and thus achieves superior results.

All components are made of tool steel which has been hardened and ground to provide long tool life and precise component relationships. The system is a modular concept which allows the user to mix a number of different components together to customize the tooling for a particular cable.

To order slitting tools for a particular cable, [please send a wire sample to Mechtrix](#). Mechtrix will size the cable and supply you with recommended part numbers and pricing.

The components illustrated are for slitting a 2-Conductor cable. Slitting tools for 3, 4, and more multi-conductor cables are also available.



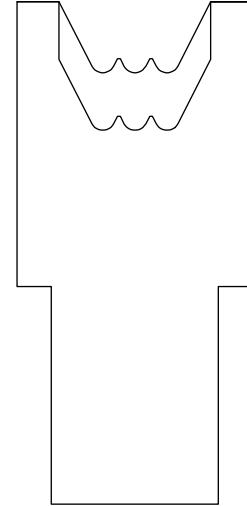
- (1) **SG Slitting Guide** is designed to interlock with the SB-Slitting Blade Holder to guide the wire into the proper position for slitting.
- (2) **SGR Slitting Guide w/Relief** is also designed to interlock with the SB-Slitting Blade Holder to guide the wire into the proper position for slitting. The relief in the bottom of the guide form provides room for the wire to expand after being slit, this reduces the chances of stretching the insulation after it has been slit.
- (3) **SB Slitting Blade Holder** holds the SK-Slitting knife(s) on a pin without the use of screws, shims, or loose spacers. This system makes replacing slitting knives quick and simple.
- (4) **SK Slitting Knives** are made out of high quality, heat-treated tool steel which greatly extends their life compared to standard spring steel slitting knives.
- (5) **SP Slitting Pushers** are designed to push the wire into the slitting knife to a precise depth to insure the most efficient slit possible. The end of the pushers are polished to provide as smooth a surface as possible, allowing the wire to slide easily along their surface during the slitting process.

PC Series Stripping Blades for 3-Conductor Power Cords

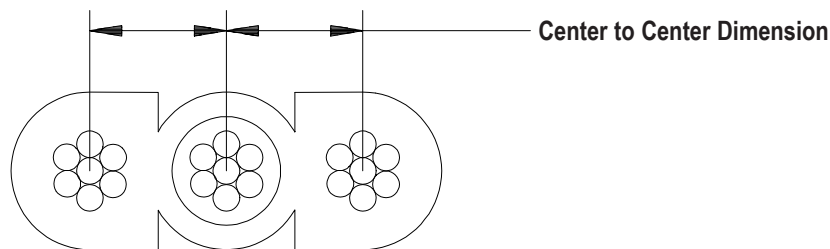
Mechtrix Stripping Blades for Flat Power Cords are truly unique

Traditionally, SPT or HPN type wires have been processed using stripping blades whose cutting forms have been the same for all three conductors. To optimize process reliability and quality, it is critical that the blade designs recognize that different cutting forms are required to strip the outer conductors than are required to reliably strip the inner (separately insulated) conductor. Only Mechtrix Blades incorporate the cutting form geometries necessary to reliably strip all three conductors simultaneously.

The ability to produce special cutting forms has also enabled Mechtrix to offer blades to process virtually every wire end configuration required. These blades, combined with **Mechtrix Accu-Set Spacers**, have enabled our customers to reliably process stagger strip configurations and difficult wire which were previously impossible to process automatically or relegated to bench or hand operations. [Please note that stagger strip configurations require the use of a pre-slitter.](#)



PC Series Stripping Blades also require the use of **Straight-Cut cut-off** blades for process optimization.

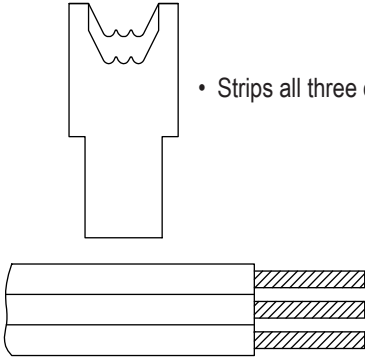
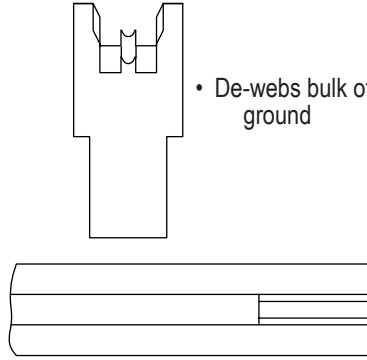
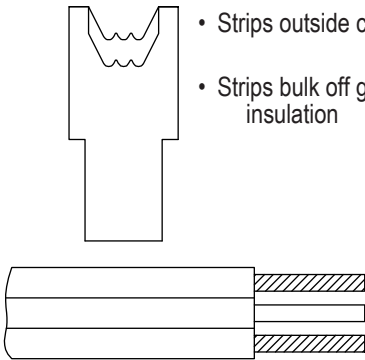
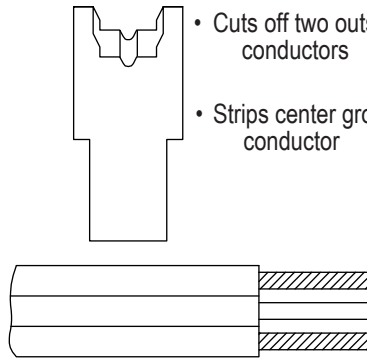
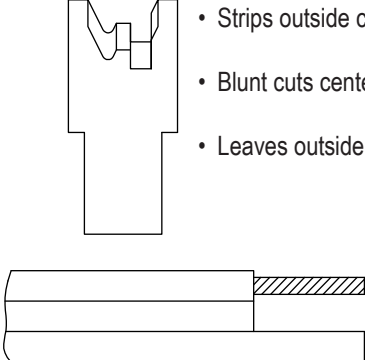
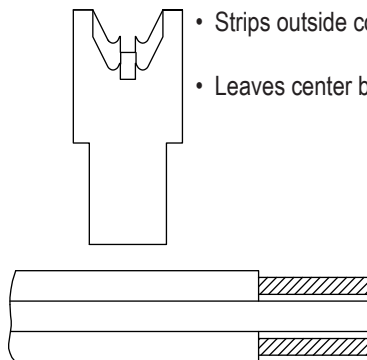
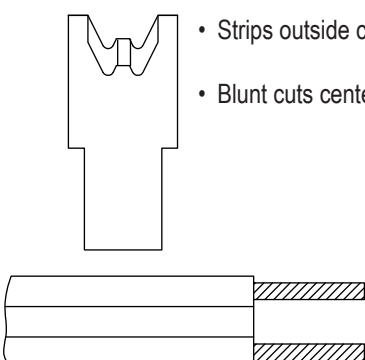
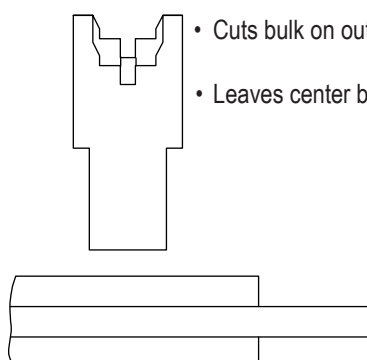


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 <ul style="list-style-type: none"> • Strips all three conductors 	 <ul style="list-style-type: none"> • De-webs bulk off of center ground
 <ul style="list-style-type: none"> • Strips outside conductors • Strips bulk off green ground insulation 	 <ul style="list-style-type: none"> • Cuts off two outside conductors • Strips center ground conductor
 <ul style="list-style-type: none"> • Strips outside conductor • Blunt cuts center • Leaves outside conductor 	 <ul style="list-style-type: none"> • Strips outside conductors • Leaves center bulk
 <ul style="list-style-type: none"> • Strips outside conductors • Blunt cuts center ground 	 <ul style="list-style-type: none"> • Cuts bulk on outside • Leaves center bulk