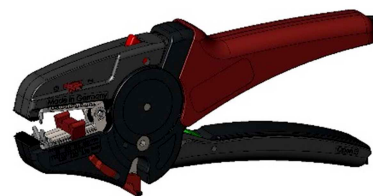


Manual Wire Stripper

molex®

Application Tooling Specification Sheet



Order No. 63817-1100

FEATURES

- Provides the widest stripping capacity of any tool of its type in the industry, which will reduce overall tooling investments and provide production flexibility
- Designed with fine adjustability to ensure that thin insulations can be stripped without damage to conductors
- Built-in wire cutter

DESCRIPTION

This wire stripper is designed for conduit wire, flex power cable, equipment wire and flat phone cable. The wire range is 16.00-0.03mm² (6-32 AWG) in diameter and insulation thickness of 1.00mm (.040") maximum.

Although the tool is self-adjusting, 90% of wires can be stripped without adjusting the tool. Lightweight and ergonomically designed, this tool is qualified for high-volume production and portable field usage.

SPECIFICATIONS

- **Stripping dimension:** 1.00mm (.040") maximum thick insulation
- **Cables:** Power cable, multi-conductor control, fiber optic and copper trunk cables
- **Cable Types:** Conduit wire, flex power cable, equipment wire and flat phone cable
- **Wire Range:** 16.00-0.03mm² (6-32 AWG)

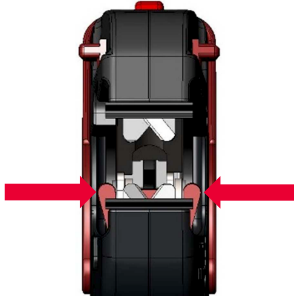
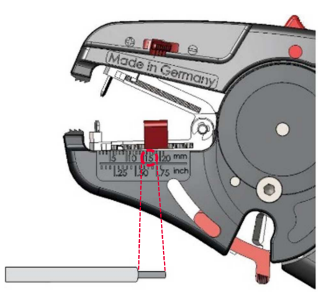
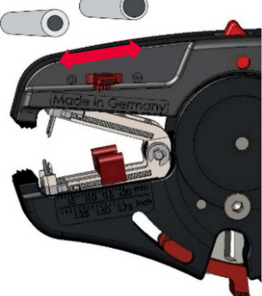
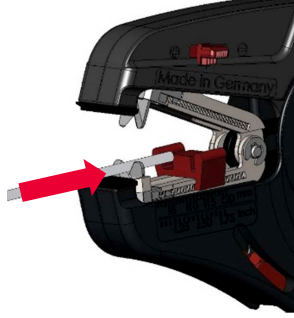
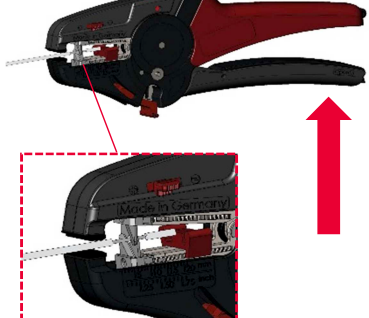
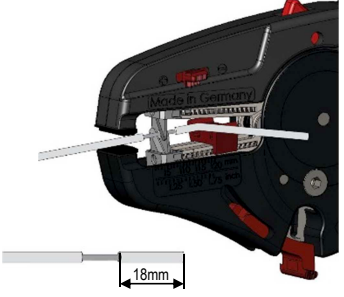
	WARNING Do not strip live circuits! Danger of electric shock.
	Wear safety glasses to avoid eye injury

WARNING: Make sure the cable is disconnected from any power supply.

OPERATION

Follow the steps below for stripping the wire or cable:

CAUTION: Always keep hands and fingers out of the cutting area!

		
1. Squeeze the sides of the wire stop to adjust the strip length.	2. Position the wire stop to the strip length desired.	3. Adjust the stripping blades for the insulation thickness.
		
4. Place the wire against the wire stop.	5. Squeeze the tool handles together to strip the wire.	6. For strip lengths over 18mm, move the wire stop all the way to the back, and bend the excess wire outside the tool. Then, squeeze the handles together to strip the wire.

Wire Cutting Function

1. Place the wire in the opening of the cutter.
2. Squeeze the tool handles together to cut the wire.

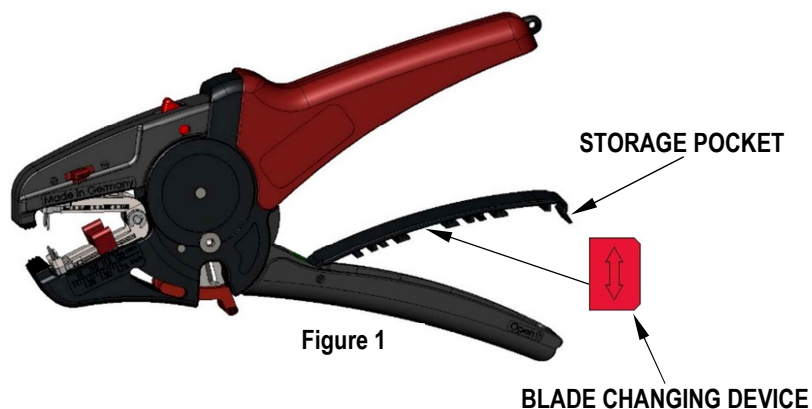
WARNING:
For Wire Cutter Only
Do not use this tool to cut hardened objects.



Blade Replacement

The blade changing device facilitates the easy replacement of the blades, and it can be stored in the pocket of the handle. See Figure 1.

Follow the steps below to replace the blades in the wire stripping tool:



1. To exchange the lower blade, insert the blade changing device into the space below the lower stripping jaws. The side of the blade changing device with the arrow printed its face should be positioned downward, and the thick end of the device should be oriented toward the center of the tool.	2. Close the handles until they stop, and hold them in this position.	3. Push the blade out of its groove, and carefully remove it. If necessary, insert a new blade into the groove until it stops. Then, release the handles and remove the blade changing device.
4. To exchange the upper blade, insert the blade changing device into the space above the upper stripping jaws. The side of the blade changing device with the arrow printed on its face should be positioned upward, and the thick end of the device should be oriented toward the center of the tool.	5. Close the handles until they stop, and hold them in this position.	6. Push the blade out of its groove, and carefully remove it. If necessary, insert a new blade into the groove until it stops. Then, release the handles and remove the blade changing device.

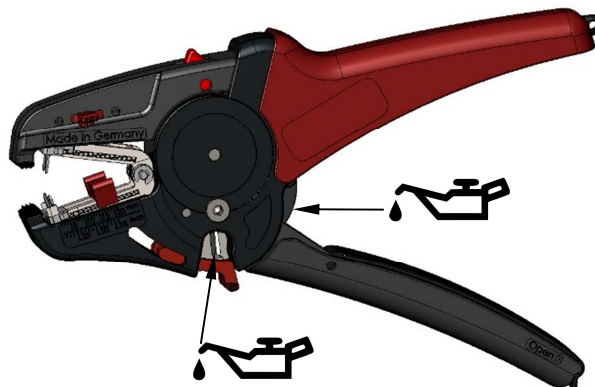
Both blades can be retained in the storage pocket inside the handle of the tool if necessary.

Note: The tool ships with the V-blade installed and the straight blade located in the storage pocket.

Maintenance

It is recommended that each operator of the tool be made aware of and responsible for the following maintenance steps:

1. Remove dust, moisture and other debris with a clean brush or a soft, lint-free cloth.
2. Do not use any abrasive materials that could damage the tool.
3. Lubricate every 10,000 cycles.
4. Make sure the blade is cleaned of debris.
5. When the tool is not in use, store it in a clean, dry area.



Warranty

This tool is for stripping and cutting electrical cable only. All tools are warranted to be free of manufacturing defects for a period of 30 days. Should such a defect occur, the tool can be exchanged free of charge. This exchange will not be applicable to altered, misused or damaged tools. This tool is designed for hand use only. Any alteration to the tool voids this warranty.

ORDERING INFORMATION

Order No.	Description	Notes
63817-1100	Complete manual wire stripper with blades and blade changing device	♦
63817-1170	Straight blade replacements	Used with PVC insulation
63817-1171	V-blade replacements	Used with PTFE insulation
♦ This tool (63817-1100) comes with both straight and V-blades as well as the blade changing device.		

Application Tooling Support

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