

WIRE STRIPPING BASICS

There are two basic levels of wire stripping — precision and non-precision. The first type, precision wire stripping, is employed where extreme reliability and critical tolerances must be achieved. Aircraft, computers, aerospace, missiles, radar guidance systems, and communications systems are examples of applications where precision wire stripping is required. In many cases, the military standard is called for and meeting that standard is rigidly enforced and calls for the highest quality precision wire stripping.

The second, non-precision stripping, is used in the manufacturing of lighting fixtures, electrical appliances, automotive harnesses, etc. This requires wire strips that assure product reliability and are obtained at a relatively low cost.

For each type of wire stripping and production requirement, the best tool and/or method to get the job done right must be determined, and IDEAL Electrical is there to assist with free wire analysis.

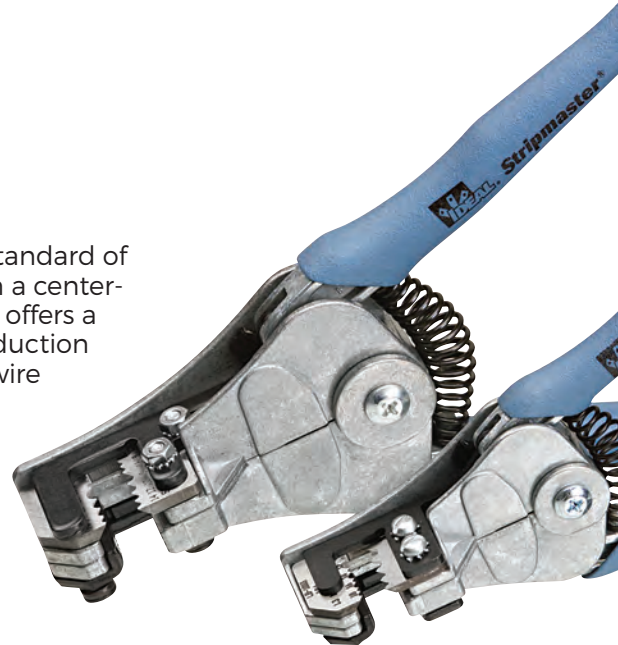
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STRIPMASTER® WIRE STRIPPERS

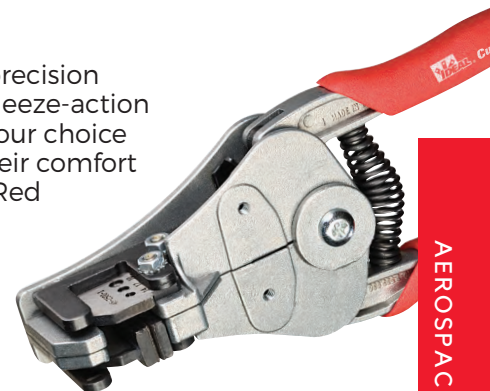
Stripmaster® & Stripmaster® Lite Wire Strippers

The versatile Stripmaster®/Stripmaster® Lite Wire Strippers are the standard of the industry. They incorporate a gripper that firmly holds the wire in a center-line position with the stripping hole. The lever action of the stripper offers a mechanical advantage that makes stripping easier. This aids in production applications and reduces operator fatigue. One squeeze strips the wire clean, up to a full 7/8 in. (22mm). The jaws are automatically held open to allow removal of the wire without damaging its end. This stripper virtually eliminates all nicking, cutting or fraying on non-precision wire.



Custom Stripmaster® Wire Strippers

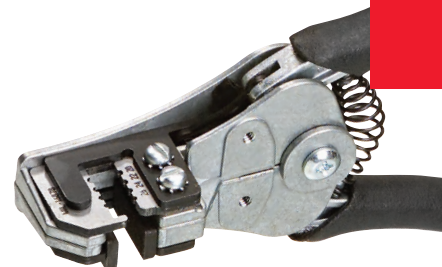
Custom Stripmaster® Wire Strippers set the industry standard in hand-held, precision wire stripping. They provide fast, accurate wire stripping with its one-step, squeeze-action stripping and unique precision blade design. They can be customized with your choice of gripper pads and blade sets to match your wire stripping requirements. Their comfort grip handles are color-coded to help quickly identify compatible wire gage. Red handles are used for larger wire (10-14 AWG) and black handles are used for smaller wire (16-30 AWG). The blades and grippers installed in the tool are specific to the application. Optional short-stop latch and transparent wire stop increases tool versatility and insures consistent strip lengths.



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Custom Stripmaster® Lite Wire Strippers

The Custom Stripmaster® Lite Wire Stripper marks the beginning of a new era of light-weight, precision wire strippers designed specifically for improved operator comfort. It utilizes the same type of precision die-blade construction and features an optional short-stop latch and transparent wire stop. Built of sturdy die-cast zinc, this compact stripper weighs 50% less than its full-sized counterparts, and will impress you with both its ease of operation and durable performance.



Ergo Elite Stripmaster® Wire Stripper

The Ergo-Elite Stripmaster® Wire Stripper offers the latest light-weight, ergonomically engineered wire stripper for the aerospace industry. The tilted wire stripping head in this sleek 5 oz. design provides better leverage and clear view for wire positioning. The advanced jaw position ensures a quality strip on a wide range of wire gauges while eliminating potential scraping of the inner conductor and leaving a squared finish. Advanced blade design has a built-in guiding system for loading the wire properly into position.



Stripmaster® & Stripmaster® Lite Wire Strippers

- One-step stripping enhances productivity
- Precision-ground, knife-type blades provide clean, accurate stripping
- Sturdy die-cast zinc frame provides long-term durability
- Stripmaster® Lite designed for smaller hands – 3/4 the size of the standard Stripmaster®
- 90-day warranty



Stripmaster® Wire Strippers and Knife-Type Blades

Specifications – Stripping Holes Offered													Replacement Blades (Pair) Part No.	Replacement Frame Part No.	Tool w/ Blades Part No.
Wire Size AWG															
6	8	10	12	14	16	18	20	22	24	26	28	30			
	•	•	•										L-4419	L-5620	45-090
		•	•	•	•	•							L-4420		45-091
		•	•	•	•	•	•	•					L-4421		45-092 or 45-292*
				•	•	•	•	•					L-4422		45-093
•	•	This tool has custom step grippers.											L-4453	—	45-096
					•	•	•	•	•	•			L-4994	L-5620	45-097
							•	•	•	•	•	•	L-5361		45-098
	•	•			•	•							L-8763		45-099

* Blister Card

Stripmaster® Lite Wire Strippers and Knife-Type Blades

Specifications – Stripping Holes Offered										Replacement Blades (Pair) Part No.	Replacement Frame Part No.	Tool w/ Blades Part No.
Wire Size AWG												
12	14	16	18	20	22	24	26	28	30			
		•	•	•	•					LB-1001	LB-1421	45-671
						•	•	•	•	LB-1002		45-672
•	•	•	•	All stranded wire						LB-1003		45-673
•	•	•	•	12 & 14 Solid Wire, 16 & 18 Stranded Wire						LB-1004		45-674

Stripmaster® Wire Strippers and Knife-Type Blades for Metric Wire

Specifications – Stripping Holes Offered														Replacement Blades (Pair) Part No.	Replacement Frame Part No.	Tool w/ Blades Part No.
Wire Size mm²																
0.05	0.1	0.15	0.22	0.34	0.5	0.75	1	1.5	2.5	4	6	8	10			
												•	•	L-4419M	LA-2358	45-090-341
						•	•	•	•	•	•			L-4421M		45-092-341 or 45-292-341*
•	•	•	•	•	•									L-5361M		45-098-341

*Blister Card

Description	Blade Gap vertical height	Blade Only Part No.	Frame & Blade Part No.
Custom Steel frame only	—	—	LB-1091
Flat blade for 26 AWG (.40mm dia.) multi-conductor	.022 in.	LB-1151	45-890
Flat blade for 24 AWG (.00mm dia.) multi-conductor	.030 in.	LB-1152	45-891
Flat blade for 22 AWG (.64mm dia.) multi-conductor	.038 in.	LB-1153	45-892
Flat blade for 20 AWG (.00mm dia.) multi-conductor	.050 in.	LB-1154	45-893
Flat blade for 18 AWG (1.02mm dia.) multi-conductor	.060 in.	LB-1155	45-894
Flat blade for 16 AWG (1.29mm dia.) multi-conductor	.075 in.	LB-1156	45-895