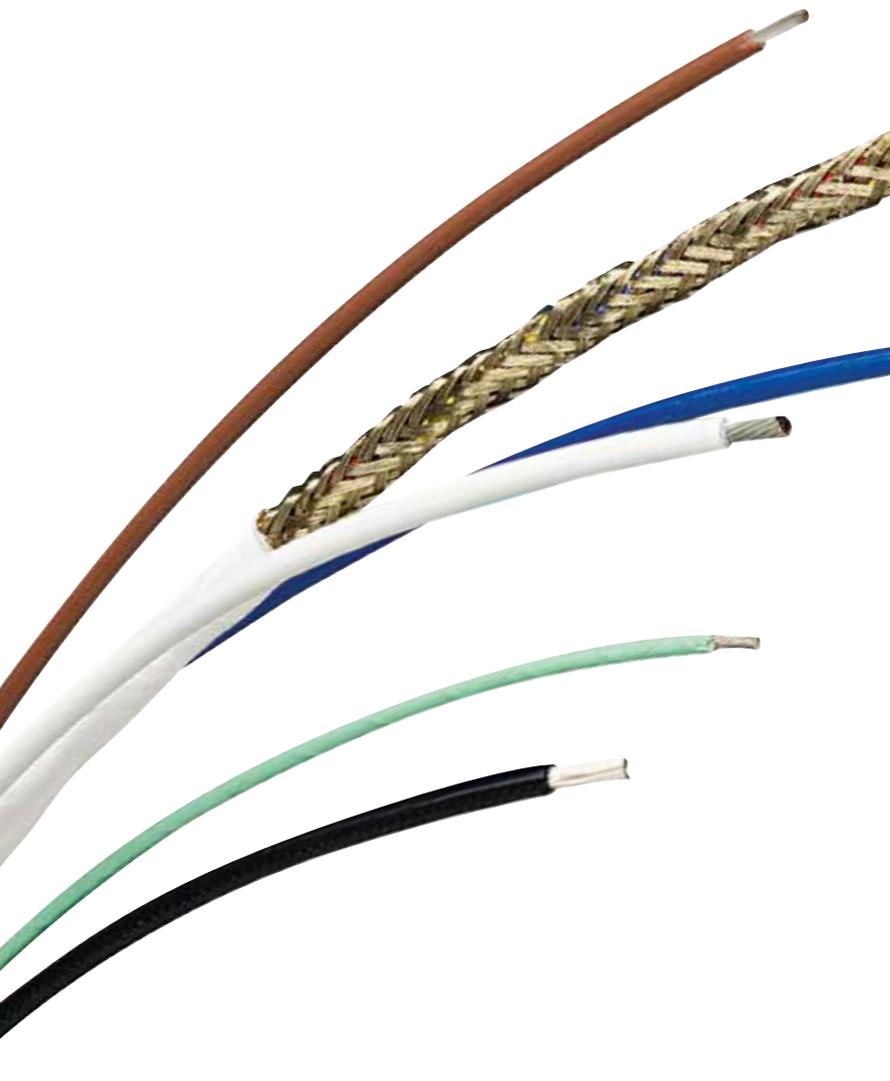


Wire Stripping Basics

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.

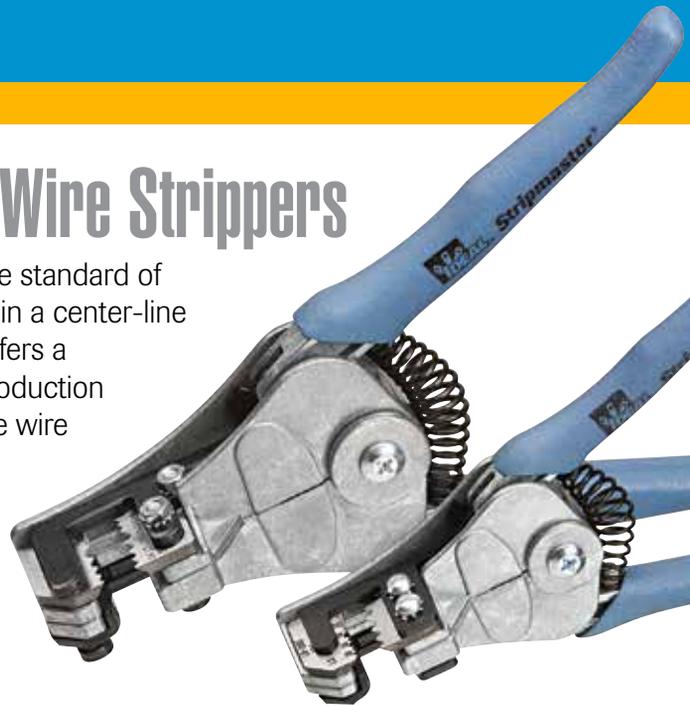
The second, non-precision stripping, is used in the manufacturing of lighting fixtures, electrical appliances, automotive harnesses, etc. This requires wire strips that assure product reliability and are obtained at a relatively low cost.

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.



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.



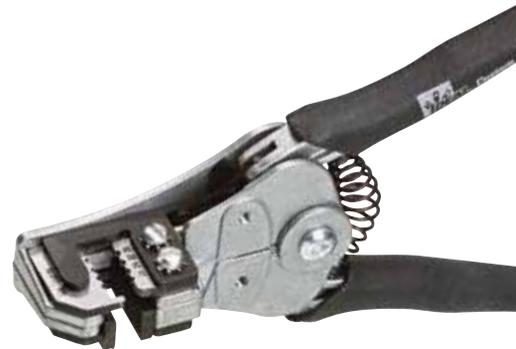
Custom Stripmaster® Wire Strippers

The Custom Stripmaster® Wire Stripper has set the industry standard in hand-held, precision wire stripping. It provides fast, accurate wire stripping with its one-step, squeeze-action stripping and unique precision blade design. This light-weight wire stripper, made from sturdy die-cast zinc, is designed for maximum mobility and high productivity in all types of non-precision and precision stripping applications. The Custom Stripmaster® Wire Stripper offers extra leverage with its spring-action mechanical design for reduced operator effort. It can be customized with your choice of gripper pads and blade sets to match your wire stripping requirements. The comfort grip handles are color-coded to identify the best tool for the application. 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.



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.



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 Hole Diameter in Inches (mm)												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			
	0.159 (4.0)	.141 (3.6)	.106 (2.7)										L-4419	L-5620	45-090
		.144 (3.6)	.105 (2.7)	.085 (2.2)	.073 (1.8)	.073 (1.8)							L-4420	L-5620	45-091
		.144 (3.6)	.113 (2.9)	.090 (2.3)	.072 (1.8)	.061 (1.5)	.048 (1.2)	.048 (1.2)					L-4421	L-5620	45-092 or 45-292*
				.090 (2.3)	.072 (1.8)	.061 (1.5)	.039 (1.0)	.039 (1.0)					L-4422	L-5620	45-093
.230 (2.3)	.198 (5.0)	<i>This tool has a custom steel frame & custom step grippers.</i>										L-4453	LB-1091	45-096	
					.072 (1.8)	.061 (1.5)	.048 (1.2)	.039 (1.0)	.032 (0.8)	.026 (0.7)			L-4994	L-5620	45-097
							.048 (1.2)	.039 (1.0)	.032 (0.8)	.026 (0.7)	.021 (0.5)	.016 (0.4)	L-5361	L-5620	45-098
	.198 (5.0)	.167 (4.2)			.062 (1.6)	.055 (1.4)							L-8763	L-5620	45-099

* Blister Card Tolerances ±.001"

Stripmaster® Lite Wire Strippers and Knife-Type Blades

Specifications — Stripping Hole Diameter Inches (mm)										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			
		.072 (1.8)	.061 (1.5)	.048 (1.2)	.039 (1.0)					LB-1001	LB-1421	45-671
						.032 (0.8)	.026 (0.7)	.021 (0.5)	.016 (0.4)	LB-1002	LB-1421	45-672
.113 (2.9)	.090 (2.3)	.072 (1.8)	.061 (1.5)	All stranded wire						LB-1003	LB-1421	45-673
.096 (2.4)	.085 (2.2)	.073 (1.9)	.061 (1.5)	12 & 14 Solid Wire, 16 & 18 Stranded Wire						LB-1004	LB-1421	45-674

Tolerances ±.001"

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

Specifications — Stripping Hole Diameter (mm)														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			
												4.3	5.0	L-4419M	LA-2358	45-090-341
						1.3	1.6	1.9	2.4	3	3.6			L-4421M	LA-2358	45-092-341 or 45-292-341*
0.6	0.7	0.8	0.9	1.0	1.1									L-5361M	LA-2358	45-098-341

*Blister Card Tolerances ±.025mm

STRIPMASTER® Wire Strippers