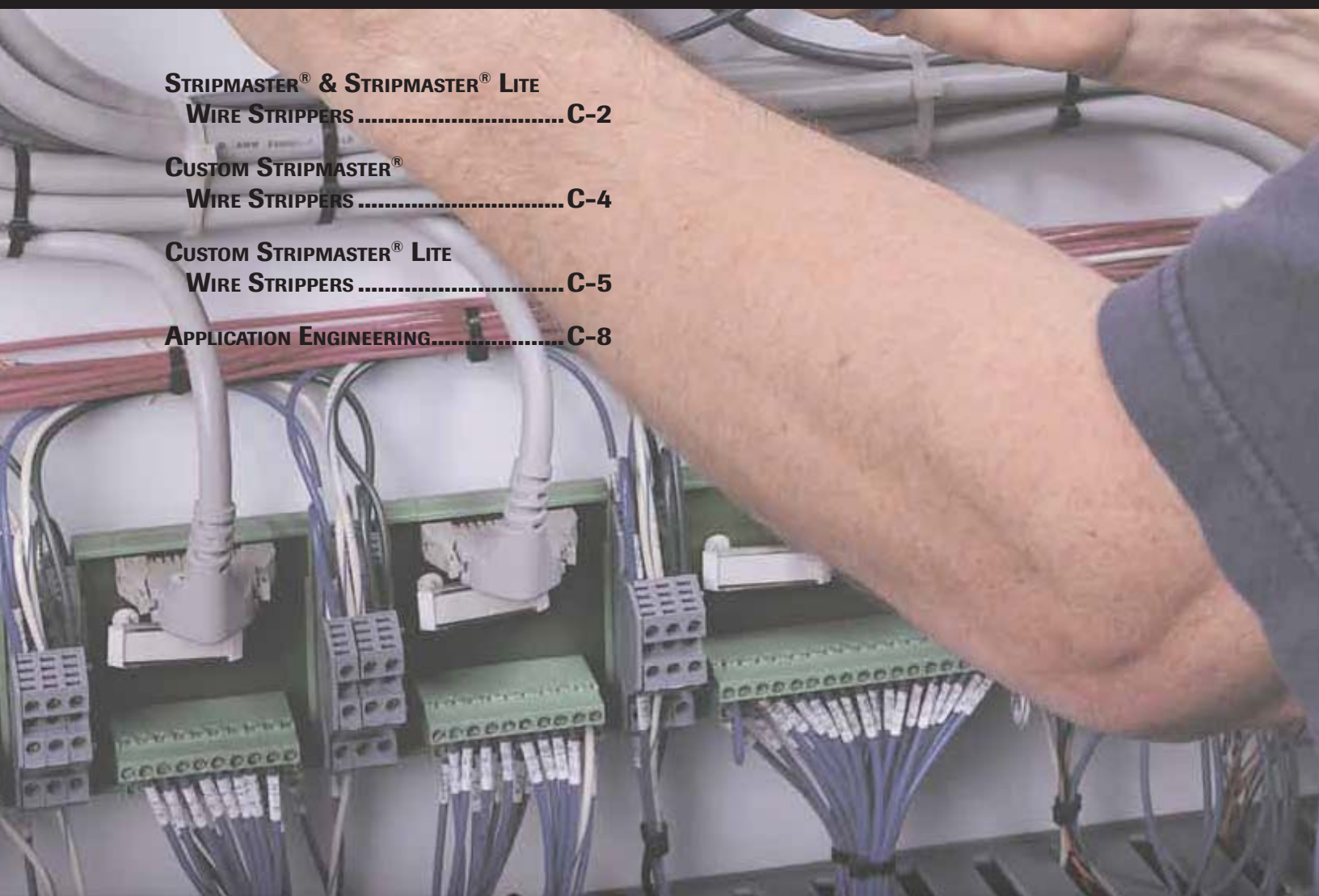


# C STRIPMASTER® WIRE STRIPPERS

<b>STRIPMASTER® &amp; STRIPMASTER® LITE</b> <b>WIRE STRIPPERS .....</b>	<b>C-2</b>
<b>CUSTOM STRIPMASTER®</b> <b>WIRE STRIPPERS .....</b>	<b>C-4</b>
<b>CUSTOM STRIPMASTER® LITE</b> <b>WIRE STRIPPERS .....</b>	<b>C-5</b>
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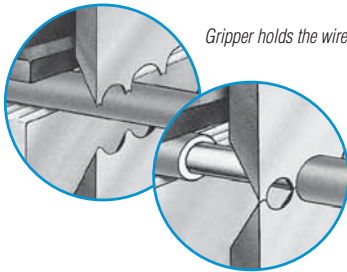


# STRIPMASTER® WIRE STRIPPERS

## Stripmaster® and Stripmaster® Lite Wire Strippers



- One-step stripping enhances productivity
- Spring-action motion increases leverage and reduces operator fatigue
- Precision-ground, knife-type blades provide clean, accurate stripping
- Sturdy die-cast frame provides long-term durability
- Wire gripper holds wire securely in position
- Stripmaster® Lite designed for smaller hands – 3/4 the size of the standard Stripmaster®



Gripper holds the wire securely in position.

Knife-type stripping blades have form-ground holes which penetrate the insulation like a knife, giving a clean insulation cut.



Stripmaster® Wire Stripper



Stripmaster® Lite Wire Stripper

### Stripmaster® Wire Strippers and Knife-Type Blades

Specifications — Stripping Hole Diameter in Inches (mm)													Cat. No.	Replacement Blades (Pair) Cat. No.	Replacement Frame Cat. 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)										45-090* or 45-290**	L-4419	L-5620
		.144 (3.6)	.105 (2.7)	.085 (2.2)	.073 (1.8)	.073 (1.8)							45-091	L-4420	L-5620
		.144 (3.6)	.113 (2.9)	.090 (2.3)	.072 (1.8)	.061 (1.5)	.048 (1.2)	.048 (1.2)					45-092* or 45-292**	L-4421	L-5620
				.090 (2.3)	.072 (1.8)	.061 (1.5)	.039 (1.0)	.039 (1.0)					45-093	L-4422	L-5620
.230 (2.3)	.198 (5.0)												45-096	L-4453	L-4453
					.072 (1.8)	.061 (1.5)	.048 (1.2)	.039 (1.0)	.032 (0.8)	.026 (0.7)			45-097	L-4994	L-5620
							.048 (1.2)	.039 (1.0)	.032 (0.8)	.026 (0.7)	.021 (0.5)	.016 (0.4)	45-098	L-5361	L-5620
	.198 (5.0)	.167 (4.2)			.062 (1.6)	.055 (1.4)							45-099	L-8763	L-5620

\*Boxed \*\* Blister Card Tolerances +001 - .005

### Stripmaster® Lite Wire Strippers and Knife-Type Blades

Specifications — Stripping Hole Diameter Inches (mm)										Cat. No.	Replacement Blades (Pair) Cat. No.	Replacement Frame Cat. 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)					45-671	LB-1001	LB-1421
						.032 (0.8)	.026 (0.7)	.021 (0.5)	.016 (0.4)	45-672	LB-1002	LB-1421
.113 (2.09)	.090 (2.3)	.072 (1.8)	.061 (1.5)	All stranded wire						45-673	LB-1003	LB-1421
.096 (2.4)	.085 (2.2)	.073 (1.9)	.061 (1.5)	12 & 14 Solid Wire, 16 & 18 Stranded Wire						45-674	LB-1004	LB-1421

Tolerances +001 - .005

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

Specifications — Stripping Hole Diameter (mm)														Cat. No.	Replacement Blades (Pair) Cat. No.	Replacement Frame Cat. No.
Wire Size mm <sup>2</sup>																
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	45-090-341	L-4419M	LA-2358
						1.3	1.6	1.9	2.4	3	3.6			45-092-341 or 45-292-341*	L-4421M	LA-2358
0.6	0.7	0.8	0.9	1.0	1.1									45-098-341	L-5361M	LA-2358

\*Boxed Tolerances +001 - .005

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

Specifications — Stripping Hole Diameter (mm)										Cat. No.	Replacement Blades (Pair) Cat. No.	Replacement Frame Cat. No.	
Wire Size mm <sup>2</sup>													
0.05	0.1	0.15	0.22	0.34	0.5	0.75	1	1.5					
				1.0	1.1	1.3	1.6	1.9			45-671-341	LB-1001M	H-2909
0.6	0.7	0.8	0.9								45-672-341	LB-1002M	H-2909

Free Application Engineering Service available. Contact IDEAL INDUSTRIES, INC. for complete information at 1-800-324-9571 or download application at [www.idealindustries.com/products/wire-processing](http://www.idealindustries.com/products/wire-processing).

### Coax Stripmaster® Wire Strippers and Blades



Description	Coax Cable Type (RGU)	Repl. Blade Cat. No.	Cat. No.
Coax Stripmaster® for RG-6	RG-6	LB-740	45-262
Coax Stripmaster® for RG-58	RG-58	LB-742	45-264
Coax Stripmaster® for RG-59	RG-59	LB-743	45-265
Coax Stripmaster® for RG-6 QuadShield	RG-6 QuadShield	LA-3953	45-282

Coaxial Cables: two-step strip for termination, jacket and dielectric.

### Stripmaster® Wire Strippers with Rectangular Holes



Description	Cat. No.	Replacement Blades (Pair) Cat. No.
For Flat Telephone Cable (.060 in. or 1.52mm)	N/A	LB-1155
For European Flat Lamp Cord	45-089	L-8762
For SP-SPT Lamp Cord	45-095*	L-4452

\*Also strips 2- and 3-conductor low-voltage wire used in E.E. and Touchplate remote control wiring system.

### Transparent Adjustable Wire Stop Assembly

- Provides uniform stripping length



Optional Accessories	Cat. No.
Transparent Adjustable Wire Stop (for Stripmaster® Wire Strippers)	L-5270
Transparent Adjustable Wire Stop (for Stripmaster® Lite Wire Strippers)	LB-1195
Replacement Moveable Gripper	L-1953

### Short Stop Latch

- Protects wire strands by limiting stripping stroke to 5/32 in.
- Retains slug until wire is ready for terminating



Replacement Frame Assemblies	Cat. No.
For Stripmaster® Wire Strippers	L-5620
For Stripmaster® Lite Wire Strippers	LB-1421

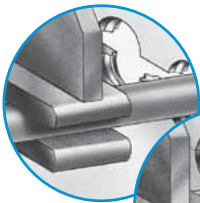




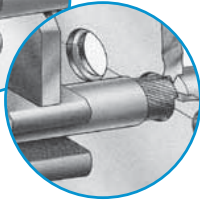
# STRIPMASTER® WIRE STRIPPERS

## Custom Stripmaster® Wire Strippers

- Strips 30 through 10 AWG solid or stranded wire
- Mil-spec die-type blades allow precision stripping
- Inner cutting hole sized to conductor and counter-bored holes sized to insulation
- Replaceable grippers
- Optional short stop-latch and transparent wire stop
- Cushioned, comfort grip handles
- Engineering service and made-to-order blades available. Contact factory for complete product and blade number listing.



Gripper pads hold the wire securely in a centerline relationship with the blade.



Die-type blades incorporate a counter-bored hole sized to the insulation and an inner cutting hole sized to the conductor. This varies depending on insulation type and thickness.

### Custom Stripmaster® Wire Strippers and Die-Type Blades

Specifications – <u>Cutting Hole Diameter</u> in Inches											Stripper Cat. No.	Blade Only Cat. No.	
<u>Counterbore Diameter</u>													
Wire Size AWG													
10	12	14	16	18	20	22	24	26	28	30			
<b>For MIL16878 Type E (600V)</b>													
.119/.136	.096/.113	.076/.0985										45-176	L-5559
			.061/.081	.052/.070	.042/.0595	.034/.052	.028/.043	.026/0.39				45-177	L-5560
								.023/.039	.019/.035	.016/.032		45-178	L-5561
<b>For MIL16878 Type EE (1000V)</b>													
.119/.144	.096/.125	.076/.104										45-173	L-5562
			.061/.089		.042/.067	.034/.0595	.028/.055	.023/.0465				45-174	L-5563
				.052/.0785				.023/.0465	.019/.043	.016/.042		45-175	L-5564
<b>For Other Misc. Insulations</b>													
.116/.154	.0937/.138	.076/.113										45-170	L-5210
			.062/.096	.052/.086	.042/.073	.035/.0635	.0292/.0595	.022/.052				45-171	L-5211
								.024/.043	.020/.040	.016/.037		45-172	L-5436
<b>Other Thin Insulations</b>													
								Three identical holes		.012/.020		45-179	L-7625
					Solid Wires		.024/.033	.018/.025	.014/.023	.012/.019		45-169	L-9300

Tolerances: Cutter Dia.: ± .001; Counter-bore Dia.: ± .002. The 45-170 Series is a Custom Stripmaster® Wire Stripper frame without the short stop latch and wire stop.

# Custom Stripmaster® Lite Wire Strippers



- Custom Stripmaster® Lite is 3/4's the size of Custom Stripmaster® Wire Stripper and strips 16 through 30 AWG solid or stranded wire
- Custom Stripmaster® Lite requires one-third less hand pressure for each strip actuation
- Engineering Service and made-to-order blades available. Contact factory for complete product and blade number listing.



## Custom Stripmaster® Lite Wire Strippers and Die-type Blades

Specifications – Cutting Hole Diameter in Inches								Stripper Cat. No.	Blade Only Cat. No.
16	18	20	22	24	26	28	30		
<b>For MIL16878 Type E (600V)</b>									
.061/.081	.052/.070	.042/.0595	.034/.052					<b>45-638</b>	<b>LB-918</b>
		.042/.0595	.034/.052	.028/.043	.023/.039			<b>45-639</b>	<b>LB-919</b>
				.028/.043	.023/.039	.019/.035	.016/.032	<b>45-640</b>	<b>LB-920</b>
<b>For MIL16878 Type EE (1000V)</b>									
.061/.089	.052/.0785	.042/.067	.034/.0595					<b>45-635</b>	<b>LB-915</b>
		.042/.067	.034/.0595	.028/.055	.023/.0465			<b>45-636</b>	<b>LB-916</b>
				.028/.055	.023/.0465	.019/.043	.016/.042	<b>45-637</b>	<b>LB-917</b>
<b>For Other Misc. Insulations</b>									
.062/.096	.052/.086	.042/.073	.034/.0595					<b>45-632</b>	<b>LB-912</b>
		.042/.073	.034/.0595	.0292/.0595	.022/.052			<b>45-633</b>	<b>LB-913</b>
				.024/.033	.018/.025	.020/.040	.016/.037	<b>45-634</b>	<b>LB-914</b>
<b>Other Thin Insulations</b>									
							.012/.020	<b>45-641</b>	<b>LB-921</b>
				.024/.033	.018/.025	.014/.023	.012/.019	<b>45-631</b>	<b>LB-911</b>

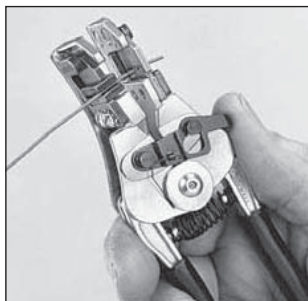
Tolerances: Cutter Dia.: ± .001; Counter-bore Dia.: ± .002.

## Custom Steel Stripmaster® Wire Strippers and Special Flat-Blades for Ribbon and Multi-Conductor Cable

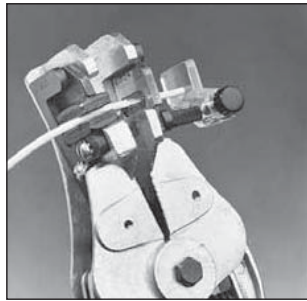
Description	Blade Gap ("x") vertical height	Blade Only Cat. No.	Frame & Blade Cat. No.
Custom Steel frame only	N/A	N/A	<b>LB-1091</b>
Flat blade for 26 AWG (.40mm dia.) multi-conductor	.022 in.	<b>LB-1151</b>	<b>45-890</b>
Flat blade for 24 AWG (.00mm dia.) multi-conductor	.030 in.	<b>LB-1152</b>	<b>45-891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



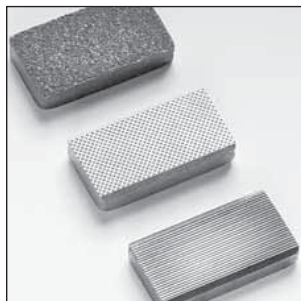
# STRIPMASTER® WIRE STRIPPERS



Short stop-latch protects wire strands by limiting the stripping stroke to 5/32 in. and retains the slug until the wire is ready for terminating.

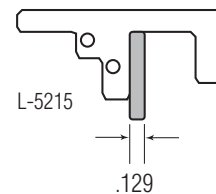


Transparent wire stop provides uniform stripping length.

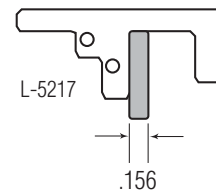


Gripper pads are available in your choice of either parallel, file or grit-type. File-type pads may be used on hard-to-grip insulations.

## Stationary Gripper for Red Handle Units For 10, 12 & 14 AWG Wire



## Stationary Gripper for Black Handle Units For 16 thru 30 AWG wire.



### Replacement Gripper Pads

#### For Custom Stripmaster® and Custom Steel Stripmaster® Wire Strippers

Surface Type	Gripper Set* Cat. No.	Movable Gripper Cat. No.	Stationary Gripper (Thickness)
Grit**	LB-197	L-5212	L-5215 (.129 in.)
Grit**	LB-198	L-5212	L-5217 (.156 in.)
File	LB-721	LB-718	LB-719 (.129 in.)
File	LB-722‡	LB-718	LB-720 (.156 in.)
Parallel	LB-730	LB-727	LB-728 (.129 in.)
Parallel	LB-731	LB-727	LB-729 (.156 in.)

#### For Custom Stripmaster® Lite Wire Strippers

Surface Type	Gripper Set* Cat. No.	Movable Gripper Cat. No.	Stationary Gripper (Thickness)
Grit*	LB-1188	LB-882	LB-883 (.109 in.)
File	LB-1189	LB-1184	LB-1185 (.109 in.)
Parallel	LB-1190	LB-1186	LB-1187 (.109 in.)

\* Gripper Set includes one movable gripper, one stationary gripper.

\*\* Grit pads are standard for most Custom Stripmaster® and Custom Stripmaster® Lite products.

‡ These are for use on hard-to-grip surfaces.

Gripper pad selection depends on insulation type and user preference.

Note: For 10-14 AWG, use .129 in. stationary gripper. For 16-30 AWG, use .156 in. gripper.

### Replacement Frame Assemblies

For Custom Stripmaster® Wire Strippers	Cat. No.
Frame only, 10-14 AWG	L-5616
Frame only, 16-30 AWG	L-5617
Frame only, 10-14 AWG, Wire Stop and Latch	L-5618
Frame only, 16-30 AWG, Wire Stop and Latch	L-5619
Frame only, 10-14 AWG, internal spring (see note)	L-9039
Frame only, 16-30 AWG, internal spring (see note)	L-9038

Note: Frames with internal springs allow additional blade penetration pressure for difficult and multi-layered insulation types.

For Custom Stripmaster® Lite Wire Strippers	Cat. No.
Frame only	LB-895
Frame only, Wire Stop and Latch	LB-896

For Custom Steel Stripmaster® Wire Strippers	Cat. No.
Frame only, 10-14 AWG	LB-1091
Frame only, 16-30 AWG	LB-1092
Frame only, 10-14 AWG, internal spring (see note)	LB-1090
Frame only, 16-30 AWG, internal spring (see note)	LB-1089

Note: Frames with internal springs allow additional blade penetration pressure for difficult and multi-layered insulation types.

### Optional Accessories

Short Stop-Latch	Cat. No.
For Custom & Custom Steel Stripmaster® Wire Strippers	L-5269
For Custom Stripmaster® Lite Wire Strippers	LB-1194

Transparent Adjustable Wire Stop Assembly	Cat. No.
For Custom & Custom Steel Stripmaster® Wire Strippers	L-5270
For Custom Stripmaster® Lite Wire Strippers	LB-1195

**Wire Stripper MIL-spec reference chart – Contact Industrial Customer Service for lead times.**

Wire Specification	Custom Stripmaster®			Custom Stripmaster® Lite		
	Cat. No.	Blade Only Cat. No.	Wire Gauge	Cat. No.	Blade Only Cat. No.	Wire Gauge
MIL-W-81044/4/5/6 MIL-W-5086/1/7	45-170 45-171	L-5210 L-5211	10-14 AWG 16-26 AWG	N/A	N/A	N/A
MIL-W-81044/8/9/10 MIL-W-16878/5 MIL-W-81381/3/4	45-173 45-174 45-175	L-5562 L-5563 L-5564	10-14 AWG 16-26 AWG 26-30 AWG	45-635 45-637 45-637	LB-915 LB-917 LB-917	16-22 AWG 24-30 AWG 24-30 AWG
MIL-W-22759/32/33/44/45/46	45-1987 45-1654	45-1987-1 45-1654-1	16-26 AWG 16-26 AWG	45-2133 45-2132	45-2133-1 45-2132-1	16-24 AWG 16-24 AWG
MIL-81044/11/12/13 MIL-W-22759/34/35/41/42/43	45-1611 45-2500 45-1987  45-178	45-1611-1 45-2500-1 45-1987-1  L-5561	10-14 AWG 10-14 AWG 16-26 AWG  26-30 AWG	45-2133 45-2118 45-640	45-2133-1 45-2118-1 LB-920	16-24 AWG 20-26 AWG 24-30 AWG
Raychem 44A021X, 44/051X MIL-W-16878/4 MIL-W-22759/11/12/22/23	45-176 45-1611 45-177 45-178	L-5559 45-1611-1 L-5560 L-5561	10-14 AWG 10-14 AWG 16-26 AWG 26-30 AWG	45-640	LB-920	24-30 AWG
MIL-W-81044/16/17	45-1611 45-1610	45-1611-1 45-1610-1	10-14 AWG 16-26 AWG	45-2131	45-2131-1	16-24 AWG
MIL-W-81381/1/2//6/7/8/9/10/17/21	45-1609 45-1551 45-178	45-1609-1 45-1551-1 L-5561	10-14 AWG 16-26 AWG 26-30 AWG	45-640	LB-920	24-30 AWG
MIL-W-81381/11/12/13/14/22	45-1608 45-1654 45-178	45-1608-1 45-1654-1 L-5561	10-14 AWG 16-26 AWG 26-30 AWG	45-640	LB-920	24-30 AWG
MIL-W-22759/18/19	45-1608 45-1551	45-1608-1 45-1551-1	10-14 AWG 16-26 AWG	N/A	N/A	N/A
MIL-W-81381/17/21	45-1633	45-1633-1	16-26 AWG	45-2120	45-2120-1	20-26 AWG
MIL-W-81381/18/19/20	45-1609 45-1551	45-1609-1 45-1551-1	10-14 AWG 16-26 AWG	N/A	N/A	N/A
MIL-W-22759/16/17	45-1611 45-1987	45-1611-1 45-1987-1	10-14 AWG 16-26 AWG	45-2133 45-2118	45-2133-1 45-2118-1	16-24 AWG 22-26 AWG
MIL-W-24640/19/22/23/24	45-1957	45-1957-1	14-22 AWG	N/A	N/A	N/A
MIL-W-85485/5/6/7/8	45-1925 45-1924	45-1925-1 45-1924-1	10-14 AWG 16-24 AWG	N/A	N/A	N/A
MIL-W-85485/9/10/11/12 MIL-W-85485/9/10	45-1611 45-1610	45-1611-1 45-1610-1	10-14 AWG 16-24 AWG	45-2131	45-2131-1	16-24 AWG
BMS 1360 Type 1-6, 19-21, 23-27, 33-34	45-2541 45-2543	45-2541-1 45-2543-1	10-14 AWG 16-24 AWG	45-2697	45-2697-1	16-24 AWG
BMS 1360 Type 12-18, 28-32	45-2542 45-2544	45-2542-1 45-2544-1	10-14 AWG 16-24 AWG	N/A	N/A	N/A
BMS 1360 Type 7-12	45-2565 45-2564	45-2565-1 45-2564-1	10-14 AWG 16-26 AWG	N/A	N/A	N/A
MIL-W-22759/80/81/82/91/92	45-2542 45-2544	45-2542-1 45-2544-1	10-14 AWG 16-24 AWG	45-2693 45-2692	45-2693-1 45-2692-1	16-22 AWG 20-26 AWG
MIL-W-22759/83/84/85/86/87/88/89/90	45-2541 45-2543 45-2618	45-2541-1 45-2543-1 45-2618-1	10-14 AWG 16-24 AWG 16-26 AWG	45-2685	45-2685-1	16-24 AWG



# STRIPMASTER® WIRE STRIPPERS

## FREE Application Engineering Service

Whatever your particular wire or cable preparation challenge, we're ready to assist you with practical solutions. Simply send us at least five feet of your wire or cable and complete the questionnaire below. Copy this form and mail to:

**IDEAL INDUSTRIES, INC.**  
Becker Place, Sycamore, IL 60178  
Attn: Wire Stripping Applications Analysis

We'll quickly recommend a practical stripping or cutting solution designed to meet your needs. Remember, this is a free service that we're eager to provide whenever you need it.

For immediate assistance, call our Industrial Support Line at 800-324-9571 or e-mail [industrial@idealindustries.com](mailto:industrial@idealindustries.com).

### Free Application Engineering Service for Wire Stripping Recommendations

Completion of this information is a request for recommended tools or equipment only and does not place the individual or the company inquiring under any obligation to purchase. This is a free service of IDEAL INDUSTRIES, INC., Sycamore, Illinois.

Please enclose at least **five feet of your wire or cable** and answer the following questions to expedite a reply for your particular application.

#### 1. Method Preference:

- A. Hand Type
- B. Production Strippers
  - 1. 45-930 STP Stripping System
  - 2. 45-950 Stripmaster® Model 950 Wire Stripper

#### 2. Stripping Tolerance:

- A. Precision
- B. Non-Precision

3. Present Method: \_\_\_\_\_

4. Type of Insulation: \_\_\_\_\_

#### Customer Information

Please enclose business card or complete the following:

Name \_\_\_\_\_

Title \_\_\_\_\_

Company \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

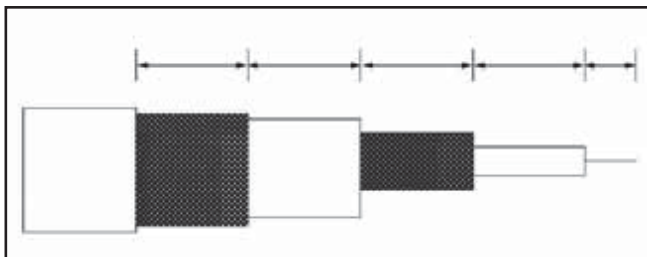
E-mail \_\_\_\_\_

5. Wire Gauge: \_\_\_\_\_

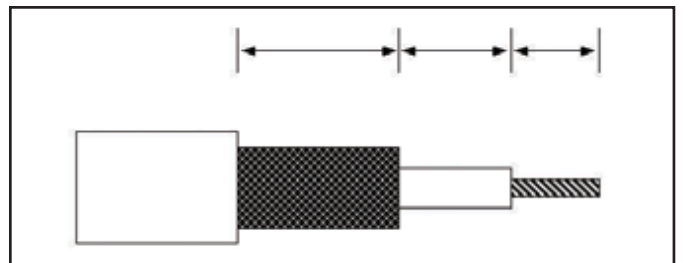
6. MIL-Spec: \_\_\_\_\_

7. Number of Strips per Day: \_\_\_\_\_

#### Triaxial Cable



#### Coax Cable



5. Remarks: \_\_\_\_\_