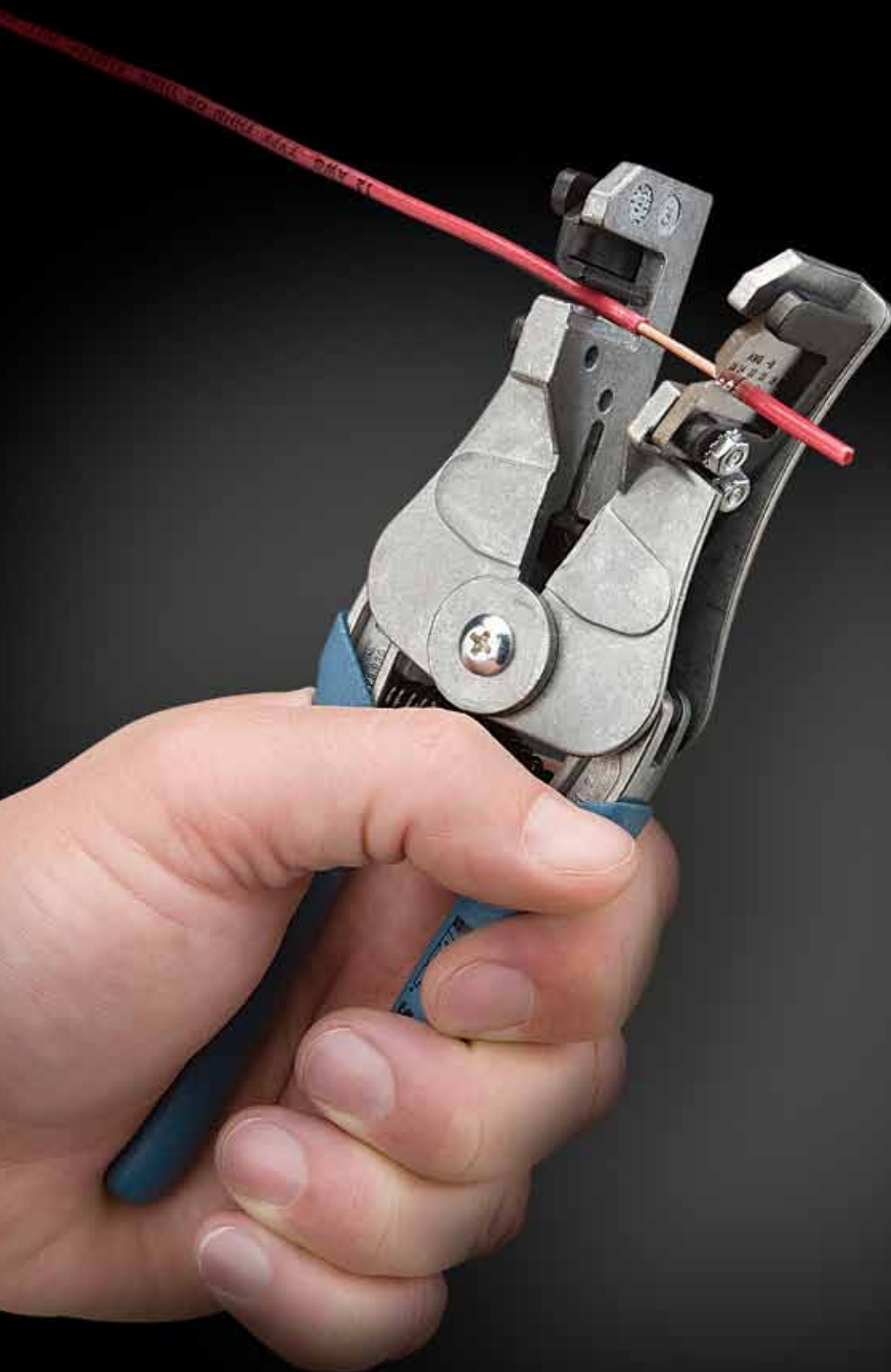


STRIPMASTER® WIRE STRIPPERS



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®



Stripmaster® Wire Stripper



Stripmaster® Lite Wire Stripper



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 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 (1.9)												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)										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 (209)	.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

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 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	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 mm²											
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.

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

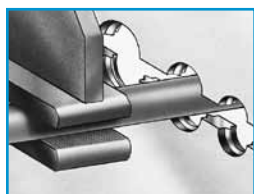
- Protects wire strands by limiting stripping stroke to 5/32 in.
- Retains slug until wire is ready for terminating



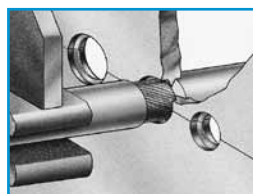
Replacement Frame Assemblies	Cat. No.
For Stripmaster® Wire Strippers	L-5620
For Stripmaster® Lite Wire Strippers	LB-1421

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 (mm) <u>Counterbore Diameter</u>												
Wire Size AWG										Stripper Cat. No.	Blade Only Cat. No.	
10	12	14	16	18	20	22	24	26	28			30
For Type E Teflon® (600V)												
<u>.119/.136</u> (3.02/3.45)	<u>.096/.113</u> (2.44/2.87)	<u>.076/.0985</u> (1.93/2.37)									45-176	L-5559
			<u>.061/.081</u> (1.55/2.06)	<u>.052/.070</u> (1.33/1.78)	<u>.042/.0595</u> (1.07/1.5)	<u>.034/.052</u> (.863/1.32)	<u>.028/.043</u> (.711/1.09)	<u>.026/0.39</u> (.584/.99)			45-177	L-5560
								<u>.023/.039</u> (.584/.99)	<u>.019/.035</u> (.482/.889)	<u>.016/.032</u> (.406/.813)	45-178	L-5561
For Type EE Teflon® (1000V)												
<u>.119/.144</u> (3.02/3.45)	<u>.096/.125</u> (2.44/3.17)	<u>.076/.104</u> (1.93/2.64)									45-173	L-5562
			<u>.061/.089</u> (1.55/2.49)		<u>.042/.067</u> (1.07/1.70)	<u>.034/.0595</u> (.863/1.50)	<u>.028/.055</u> (.711/1.39)	<u>.023/.0465</u> (.584/1.17)			45-174	L-5563
				<u>.052/.0785</u> (1.33/1.99)				<u>.023/.0465</u> (.584/1.17)	<u>.019/.043</u> (.482/1.09)	<u>.016/.042</u> (.406/1.07)	45-175	L-5564
For Other Misc. Insulations												
<u>.116/.154</u> (2.94/3.91)	<u>.0937/.138</u> (2.38/3.45)	<u>.076/.113</u> (1.93/2.87)									45-170	L-5210
			<u>.062/.096</u> (1.57/2.44)	<u>.052/.086</u> (1.33/2.18)	<u>.042/.073</u> (1.07/1.85)	<u>.035/.0635</u> (.889/1.61)	<u>.0292/.0595</u> (.763/1.50)	<u>.022/.052</u> (.560/1.33)			45-171	L-5211
								<u>.024/.043</u> (.609/1.09)	<u>.020/.040</u> (.508/1.01)	<u>.016/.037</u> (.406/.940)	45-172	L-5436
Other Thin Insulations												
							Three identical holes			<u>.012/.020</u> (.305/.508)	45-179	L-7625
				Solid Wires			<u>.024/.033</u> (.609/.838)	<u>.018/.025</u> (.457/.635)	<u>.014/.023</u> (.356/.584)	<u>.012/.019</u> (.305/.508)	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. Teflon® is a registered trademark of E.I. du Pont de Nemours and Company.

Stripmaster® Wire Strippers

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

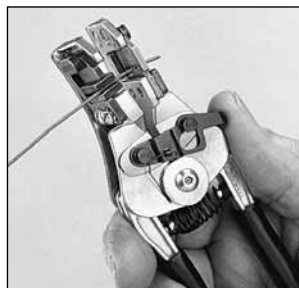
Specifications – Cutting Hole Diameter in Inches (mm) Counterbore Diameter								Stripper Cat. No.	Blade Only Cat. No.
16	18	20	22	24	26	28	30		
For Type E Teflon® (600V)									
<u>.061/.081</u> (1.55/2.06)	<u>.052/.070</u> (1.33/1.78)	<u>.042/.0595</u> (1.07/1.5)	<u>.034/.052</u> (.863/1.32)					45-638	LB-918
		<u>.042/.0595</u> (1.07/1.5)	<u>.034/.052</u> (.863/1.32)	<u>.028/.043</u> (.71/1.09)	<u>.023/.039</u> (.584/.99)			45-639	LB-919
				<u>.028/.043</u> (.71/1.09)	<u>.023/.039</u> (.584/.99)	<u>.019/.035</u> (.482/.89)	<u>.016/.032</u> (.41/.82)	45-640	LB-920
For Type EE Teflon® (1000V)									
<u>.061/.089</u> (1.55/2.26)	<u>.052/.0785</u> (1.32/1.99)	<u>.042/.067</u> (1.07/1.70)	<u>.034/.0595</u> (.86/1.51)					45-635	LB-915
		<u>.042/.067</u> (1.07/1.70)	<u>.034/.0595</u> (.86/1.51)	<u>.028/.055</u> (.71/1.40)	<u>.023/.0465</u> (.58/1.18)			45-636	LB-916
				<u>.028/.055</u> (.71/1.40)	<u>.023/.0465</u> (.58/1.18)	<u>.019/.043</u> (.48/1.09)	<u>.016/.042</u> (.41/1.07)	45-637	LB-917
For Other Misc. Insulations									
<u>.062/.096</u> (1.57/2.44)	<u>.052/.086</u> (1.32/2.18)	<u>.042/.073</u> (1.07/1.70)	<u>.034/.0595</u> (.89/1.61)					45-632	LB-912
		<u>.042/.073</u> (1.07/1.70)	<u>.034/.0595</u> (.89/1.61)	<u>.0292/.0595</u> (.74/1.51)	<u>.022/.052</u> (.56/1.32)			45-633	LB-913
				<u>.024/.033</u> (.74/1.51)	<u>.018/.025</u> (.61/1.09)	<u>.020/.040</u> (.51/1.02)	<u>.016/.037</u> (.41/0.86)	45-634	LB-914
Other Thin Insulations									
							<u>.012/.020</u> (.305/.508)	45-641	LB-921
				<u>.024/.033</u> (.61/.84)	<u>.018/.025</u> (.46/.64)	<u>.014/.023</u> (.36/.58)	<u>.012/.019</u> (.30/.48)	45-631	LB-911

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

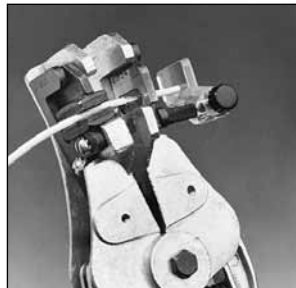
Teflon® is a registered trademark of E.I. du Pont de Nemours and Company.

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

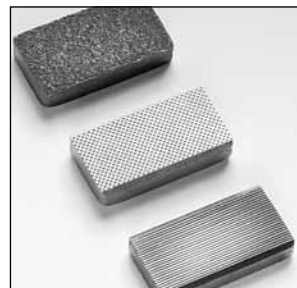
Description	Blade Gap ("x") vertical height	Blade Only Cat. No.	Frame & Blade Cat. No.
Custom Steel frame only	N/A	N/A	LB-1091
Flat blade for 26 AWG (.40mm dia.) multi-conductor	.022 in.	LB-1151	45-890
Flat blade for 24 AWG (.00mm dia.) multi-conductor	.030 in.	LB-1152	45-891
Flat blade for 22 AWG (.64mm 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



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.



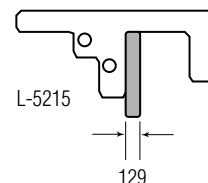
Transparent wire stop provides uniform stripping length.



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 such as Kapton® and some Teflon®.

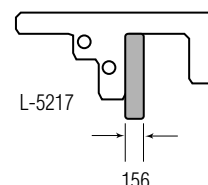
Stationary Gripper for Red Handle Units

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 such as Kapton® and Teflon®.

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

Stripmaster® Wire Strippers

Custom Stripmaster® Wire Stripper and Custom Stripmaster® Lite Wire Stripper MIL-spec reference chart

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	45-170	L-5210	10-14 AWG	N/A	N/A	N/A
MIL-W-5086/1/7	45-171	L-5211	16-26 AWG			
MIL-W-81044/8/9/10	45-173	L-5562	10-14 AWG	45-635 45-637 45-637	LB-915	16-22 AWG
MIL-W-16878/5	45-174	L-5563	16-26 AWG		LB-917	24-30 AWG
MIL-W-81381/3/4	45-175	L-5564	26-30 AWG		LB-917	24-30 AWG
MIL-W-22759/32/33/44/45/46	45-1987	45-1987-1	16-26 AWG	45-2133	45-2133-1	16-24 AWG
	45-1654	45-1654-1	16-26 AWG	45-2132	45-2132-1	16-24 AWG
MIL-81044/11/12/13	45-1611	45-1611-1	10-14 AWG	45-2133 45-2118 45-640	45-2133-1 45-2118-1 LB-920	16-24 AWG 20-26 AWG 24-30 AWG
MIL-W-22759/34/35/41/42/43	45-2500	45-2500-1	10-14 AWG			
	45-1987	45-1987-1	16-26 AWG			
	45-178	L-5561	26-30 AWG			
Raychem 44A021X, 44/051X MIL-W-16878/4 MIL-W-22759/11/12/22/23	45-176	L-5559	10-14 AWG	45-640	LB-920	24-30 AWG
	45-1611	45-1611-1	10-14 AWG			
	45-177	L-5560	16-26 AWG			
	45-178	L-5561	26-30 AWG			
MIL-W-81044/16/17	45-1611	45-1611-1	10-14 AWG	45-2131	45-2131-1	16-24 AWG
	45-1610	45-1610-1	16-26 AWG			
MIL-W-81381/1/2//6/7/8/9/10/17/21	45-1609	45-1609-1	10-14 AWG	45-640	4LB-920	24-30 AWG
	45-1551	45-1551-1	16-26 AWG			
	45-178	L-5561	26-30 AWG			
MIL-W-81381/11/12/13/14/22	45-1608	45-1608-1	10-14 AWG	45-640	4LB-920	24-30 AWG
	45-1654	45-1654-1	16-26 AWG			
	45-178	L-5561	26-30 AWG			
MIL-W-22759/18/19	45-1608	45-1608-1	10-14 AWG	N/A	N/A	N/A
	45-1551	45-1551-1	16-26 AWG			
MIL-W-81381/17/21	45-1633	45-1633-1	16-26 AWG	45-2020	45-2020-1	20-26 AWG
MIL-W-81381/18/19/20	45-1609	45-1609-1	10-14 AWG	N/A	N/A	N/A
	45-1551	45-1551-1	16-26 AWG			
MIL-W-22759/16/17	45-1611	45-1611-1	10-14 AWG	45-2133 45-2118	45-2133-1 45-2118-1	16-24 AWG 22-26 AWG
	45-1987	45-1987-1	16-26 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	45-1925-1	10-14 AWG	N/A	N/A	N/A
	45-1924	45-1924-1	16-24 AWG			
MIL-W-85485/9/10/11/12 MIL-W-85485/9/10	45-1611	45-1611-1	10-14 AWG	45-2131	45-2131-1	16-24 AWG
	45-1610	45-1610-1	16-24 AWG			
BMS 1360 Type 1-6, 19-21, 23-27, 33-34	45-2541	45-2541-1	10-14 AWG	45-2697	45-2697-1	16-24 AWG
	45-2543	45-2543-1	16-24 AWG			
BMS 1360 Type 12-18, 28-32	45-2542	45-2542-1	10-14 AWG	N/A	N/A	N/A
	45-2544	45-2544-1	16-24 AWG			
BMS 1360 Type 7-12	45-2565	45-2565-1	10-14 AWG	N/A	N/A	N/A
	45-2564	45-2564-1	16-26 AWG			
MIL-W-22759/80/81/82/91/92	45-2542	45-2542-1	10-14 AWG	45-2693 45-2692	45-2693-1 45-2692-1	16-22 AWG 20-26 AWG
	45-2544	45-2544-1	16-24 AWG			
MIL-W-22759/83/84/85/86/87/88/89/90	45-2541	45-2541-1	10-14 AWG	45-2685	45-2685-1	16-24 AWG
	45-2543	45-2543-1	16-24 AWG			
	45-2618	45-2618-1	16-26 AWG			

NOTE: The above blades represent the best blade for nominal conductor sizes within the wire spec. tolerance. If the conductor size is over or under the nominal dims. an alternate blade may be required. Please contact our wire stripping applications engineer at 1-800-324-9571 for alternate blades and for blade numbers for MIL-specs. not listed on this chart.



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.

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 _____

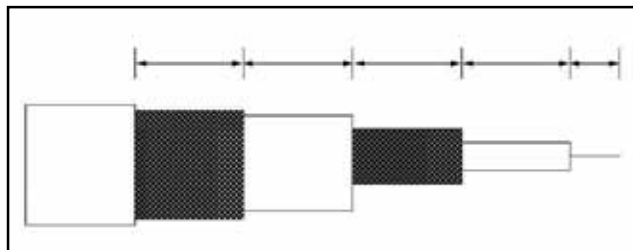
E-mail _____

5. Wire Gauge: _____

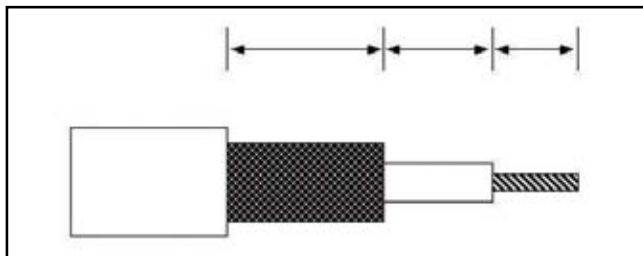
6. MIL-Spec: _____

7. Number of Strips per Day: _____

Triaxial Cable



Coax Cable



5. Remarks: _____