

3M

Terminals, Kits and Tools

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For more than 30 years, 3M has been a leading supplier of Scotchlok terminals, disconnects, connectors and tools for high performance use in the assembly and maintenance of electrical systems. Thousands of satisfied customers know our products for:

- Effective and reliable performance, UL Listed and CSA Certified where appropriate.
- Variety of types, sizes and materials meeting a broad application range, including the demands of temperature and weather.
- Design features assuring easy installation of 3M products—positive and easy wire insertion, elimination of strand hang-ups and wire twisting, and easy insulation entry.

These are a few of the characteristics that make the installer's job easier.



? Frequently Asked Questions

What does the insulation grip do?

The insulation grip provides a "second" crimp on the wire insulation providing additional wire strain relief. It's excellent for high vibration applications.

Which 3M tools can I use with 3M terminals?

The handy reference guide on pages 135-136 gives you a variety of choices of tools to use with 3M terminals.

What's the difference between insulated and fully insulated disconnects?

Insulated disconnects have barrel insulation only and fully insulated disconnects are insulated from the barrel to the receptacle/tab.

What temperatures do 3M terminals withstand?

Non-insulated 3M terminals withstand temperatures up to 347°F (175°C). Insulated 3M terminals withstand temperatures up to 221°F (105°C).

Glossary of Terminals and Tools Terms

Adapters – To interconnect two connectors already attached to wires.

Block Fork – Same strength as the fork, but designed to use in terminal block because sides lie flat against barrier portion of terminal block.

Bullet Style – Similar advantages as disconnects. Gives reliable in-line connection because parts are made to have holding friction when joined. Usually for automotive use.

Butt – Uses chamfered barrel ends to provide fast, easy wire insertion from both ends and a built-in wire stop for correct positioning. Must be crimped at both ends.

Closed-End – Used in situations requiring pigtail of two or more wires.

Flanged Fork – Gives the benefit of both the block and locking forks. Stays secure should screw loosen.

Fork – Allows rapid connection of wire. Usually used on free-standing studs, because of wider tongues.

Locking Fork – The spring-like tongue locks in place around the stud even when mount screw is not tightened. Extra force is required to remove from stud.

Parallel – Similar to butt with overlapped wires and single crimp in center of connector. Used where space is limited.

Pins – For installation in compression blocks. Used in Europe for terminating stranded wire.

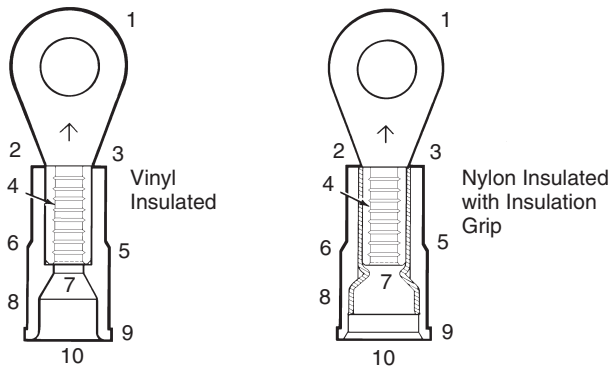
Quick Connect (Disconnect) – Attached to mating part by tongue of female part slipping over male tab. Use of dents and rolled edges on female part provides excellent holding force while allowing easy and quick disconnect.

Ring – The standard style of tongue. The safest and most reliable. It cannot be removed unless mounting screw is removed.

Tab – Uses mounting hole for rivet or screw.

Tap – No wire stripping is necessary, just lay wire in connector and crimp. Connection is made.

Standard Terminal Construction



3M™ Terminals provide a variety of design features assuring consistently effective, reliable performance and easy installation.

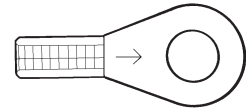
Please refer to the illustrations at the numbered locations for the attributes described below.

1. One-piece, burr-free construction provides maximum electrical conductivity. Electrical bright-tin plating gives maximum corrosion resistance. Annealing relieves stress points and assures maximum installed strength.
2. Barrel-to-pad transition design minimizes flexing and bending.
3. Open-end design permits visual inspection of wire location before and after crimping.
4. Maximum hold on wire comes from multiple “V” grooves in #26–4 AWG parts resulting in excellent holding power.
5. Injection molded insulations on terminals are the highest quality in the industry.
 - 221°F (105°C) rated, tough, resistant electrical grade materials
 - Molding ensures consistent wall thickness for maximum reliability after crimping
 - Molding allows funnel barrel construction for easier installation
 - Molding offers the crimp ridge and non-slip ridge
6. Crimp ridge designed for positive location of tool on terminal barrel, resulting in few miscrimps.
7. Funnel barrel construction provides:
 - Positive, easy wire insertion
 - No hang-ups of wire strands
 - Wire twisting not necessary
8. Nylon-insulated terminals with grip feature a brass sleeve. Sleeve provides optimum grip on insulation, strain relief and vibration protection. Brass sleeve is recessed which provides excellent flash-over protection.
9. Non-slip ridge so tool slides to correct position for a proper crimp and better workmanship.
10. Beveled leading edge for easy wire insulation entry.

Barrel Styles

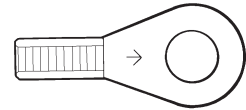
Non-insulated butted seam

The most economical terminal—used where special performance or installation characteristics are not needed. Beveled mouth facilitates wire insertion. Maximum temperature for bare terminals: 347°F (175°C).



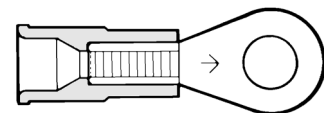
Non-insulated brazed seam

Beveled mouth facilitates wire insertion. Can be crimped anywhere on barrel surface. Silver brazed seam will not open under crimping pressure or operating stresses. Unlike butted seam parts, stranded wire cannot escape barrel confines during or after crimping. Maximum temperature for bare terminals: 347°F (175°C).



Vinyl insulated brazed and butted seams

Used where insulated barrel is necessary and desirable. Terminal consists of brazed or butted part with flared, rigid molded polyvinyl chloride sleeve securely attached and funneled for easy wire entry. Wire insulation positions itself against funnel portion of vinyl sleeve thus eliminating strand hang-up. Crimping barrel and flared portion of sleeve provide excellent electrical contact plus mechanical stress relief at junction of insulation and barrel. Insulation has a non-slip ridge for ease of positioning crimping tool.

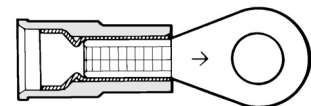


Industry standard color coding indicates wire range. Insulators are rated at a continuous operating temperature range from -40°F to 221°F (-40°C to 105°C).

UL Listed and CSA Certified for 600V building wire and 1000V signs and lighting fixtures (luminaries).

Nylon insulated butted seam with insulation grip

Used where insulated barrel and positive insulation grip are necessary or desirable. Terminal consists of butted seam part with flared, seamless brass sleeve securely attached and covered with flared, molded nylon sleeve. Wire insulation positions itself against funnel portion of brass sleeve. Crimping barrel and flared portion of sleeve provide excellent electrical contact plus mechanical stress relief at junction of insulation and barrel. Positioning crimp tool is nearly mistake proof due to a “step” in nylon insulation.



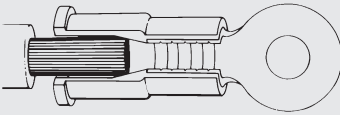
Industry standard color coding indicates wire range. Insulators are rated at a continuous operating temperature range from -40°F to 221°F (-40°C to 105°C).

UL Listed and CSA Certified for 600V building wire and 1000V signs and lighting fixtures (luminaries).

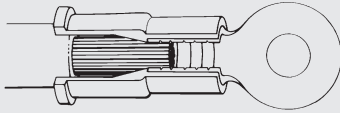
Installation Procedure

Funnel Barrel Feature provides an excellent electrical and mechanical connection.

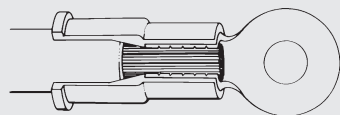
- Funnel design guides wire into position.



- No wire strand hang-up as the wire is inserted, giving a fast, positive installation.

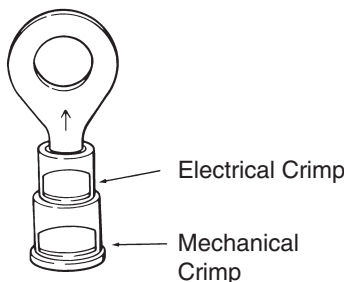


- Wire is in place, ready for crimping.



For maximum crimping performance, barrel of connector must be properly indexed in the crimp tool station.

Correct crimping is important to assure a strong connection



Insulated Terminals and Connectors:

Non-Insulated Terminals and Connectors:

Indent should be opposite the barrel seam.



Correct



Incorrect

Heat Shrink Terminals, Connectors and Disconnects

3M™ Heat Shrink pre-insulated terminals, connectors and disconnects protect against the most challenging of environments, making the best moisture protection available. They offer several advantages over conventional unsealed products.

Corrosion Resistance – The adhesive-lined heat shrink material, when properly crimped and shrunk, provides a seal resistant to water, salt, steam and other related contaminants.

Improved Mechanical Performance – The adhesive-lined heat shrink tubing adheres, when shrunk, to both the connector and the wire insulation providing improved pullout strength and strain relief.

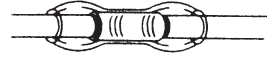
Durable Heat Shrink Tubing – Tough heat shrink tubing effectively resists abrasion, scoring, cut-through,

and the effects of long term aging.

Versatile and Easy to Use – 3M heat shrink terminals, splices and disconnects are available in wire sizes 22–10 AWG and can be installed easily with a recommended tool and heat source. The connectors are color-coded for wire range identification and the transparent tubing allows for visual inspection.

Application Procedure for Heat Shrink Products:

1. Strip wires to appropriate length as indicated on package label.
2. Insert wire into terminal and crimp with correct station of a recommended tool.
3. Apply heat with a recommended heat source.



High Temperature Terminals and Connectors

3M high temperature terminals and connectors are constructed of steel with a nickel plating. Their temperature rating for continuous use at 900°F (482°C) makes them perfect for use in ovens, motors, light fixtures and other applications where other connectors would corrode or melt.

There is no applicable UL or CSA standard for high temperature steel parts.

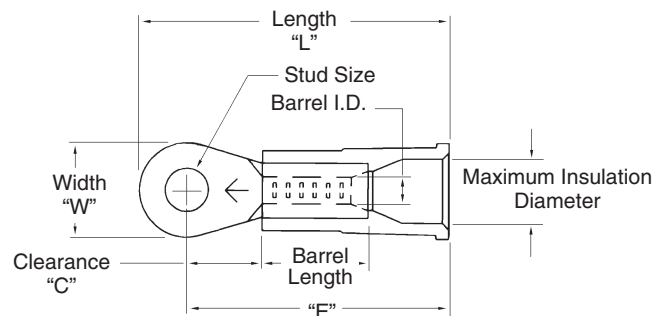
Standard Crimp Terminal and Connector Specifications

Materials

Crimp terminals and connectors are to be burr-free, annealed and bright-tin plated ETP copper. Barrels shall be 0.25" long with brazed seams where specified. Insulation grip sleeves are to be tin-plated brass and attached securely to the barrel. Terminal insulators are to be **molded** polyvinyl chloride or nylon, UL Listed and CSA Certified for 600V in building wire and 1000V in signs and lighting fixtures (luminaries). Connector insulators are to be **extruded** polyvinyl chloride or nylon with a temperature rating of 221°F (105°C).

Construction

All insulated terminals are to have funnel entry construction to prevent strand hang-up and a crimp ridge for proper tool location. Nylon insulated terminals and connectors are to have butted seam barrels with insulation grip sleeves. All terminal barrels are to have multiple "V" grooves for maximum conductor retention.



Note: All dimensions are measured in inches.

3M™ Terminal Numbering System

Features						
3M Identity	Code/Barrel Style	Wire Size Code (AWG)	—	Stud, Tab, or Bullet Size	Tongue Code	Product Availability**
M	No Code = Bare Braze	24 = 26–24 (yellow)	—	(STUD)	F = Fork	All BOX (X) package terminals in this catalog are available (in the packaging quantity indicated) from local distributor stocks. All BULK (K) packaged terminals are available in full cartons only, and may require a three to five week order lead time from the factory.
	A = No Barrel (adapter)			0 = 0	FB = Fork, Block	
	H = Heat Shrink			2 = 2	FBHT = Fork, Block, High Temp.	
	I = Double Wall w/interlock	20 = 26–20 (yellow)		4 = 4	FFB = Fork, Flanged, Block	
	N = Nylon Braze			6 = 6	FHT = Fork, High Temp.	
	NG = Nylon w/Grip	18 = 22–18 (red)		8 = 8	FL = Fork, Locking	
	NHU = Nylon/Butted w/Heat Shrink over top	14 = 16–14 (blue)		10 = 10	R = Ring	
	NU = Nylon/Butted			12 = 1/2"	RHD = Ring, Heavy Duty	
	U = Bare/Butted			14 = 1/4"	RHT = Ring, High Temp.	
	V = Vinyl/Braze	10 = 12–10 (yellow)		38 = 3/8"	/S = Short or Small	
	VA = Vinyl Adapter			516 = 5/16"	/L = Large or Long	
	VU = Vinyl/Butted			610 = 6, 8 10	R/Flag = Ring, Flag	
		8 = 8 (red)		(TAB)	BC = Butt Connector	
				110 = 0.110" x 0.020"	CEC = Closed End Connector	
		6 = 6 (blue)		110/32 = 0.110" x 0.032"	PC = Parallel Connector	
				187 = 0.187" x 0.020"	BCM = Butt Connector Moisture Res.	
		4 = 4 (yellow)		250 = 0.250" x 0.032"	CEC/ST = Closed End Connector, Steel Insert	
				375 = 0.375" x 0.050"	Disconnect	
				(BULLET)	DF = Female	
				156 = 0.156" Dia.	DFHT = Female, High Temp.	
				180 = 0.180" Dia.	DFI = Female, Fully Insulated	
					DM = Male	
					DMF = Male, Female	
					DMHT = Male, High Temp.	
					DMI = Male, Fully Insulated	
					DF/Flag = Female Flag	
					Adapter	
					D = Disconnects	
					F = Female	
					FFI = Double Female, Fully Insulated	
					M = Male	
					MMI = Double Male, Fully Insulated	
					MMF = Double Male, Female	
					MFM = Male, Female, Male, Stacking	
					RR = Ring Rectangular Tongue	
					Fuse = Fuse Adapter Clip	

* A dash (–) separates the wire size code from the stud, tab or bullet size code.

** Denotes Product Packaging – Packaging of 3M Scotchlok™ terminals should be specified by using the appropriate terminal part number.

Suffix letters are indicated within each product number (see "Product Number" heading in ordering information charts).

Note: Contact your local distributor or 3M sales office for price and delivery information.

Map of Numbering System

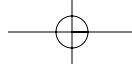
Example:

Catalog Number: MNG18-4 FB/SK

M	NG	18	(-)	4	FB/S	K
3M Identity	Barrel Style Nylon w/Grip	Wire Range 22–18 (red)	Stud/Bullet or Tab 4 Stud	Tongue Code Block Fork Short	Packaging Code Bulk	

Insulator Color Coding

- Yellow (26-24 AWG)
- Red (22-18 AWG)
- Blue (16-14 AWG)
- Yellow (12-10 AWG)
- Red (8 AWG)
- Blue (6 AWG)
- Yellow (4 AWG)



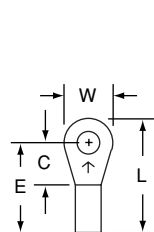
3M

Phone 800/245 3573 Fax 800/245 0329

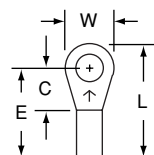
3M™ Ring Tongues – Non-Insulated Brazed Seam 22-18 AWG



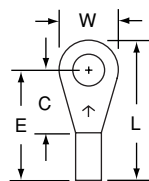
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per:	
											Carton	Case
M18-4R/SX	49590	22-18	4	0.25	0.22	0.60	0.47	0.030	0.25	0.070	100	500
M18-4R/SK	01014	22-18	4	0.25	0.22	0.60	0.47	0.030	0.25	0.070	—	1000
M18-6R/SX	21635	22-18	6	0.25	0.22	0.60	0.47	0.030	0.25	0.070	100	500
M18-6R/SK	01016	22-18	6	0.25	0.22	0.60	0.47	0.030	0.25	0.070	—	1000
M18-8R/LX	21643	22-18	8	0.31	0.33	0.74	0.58	0.030	0.25	0.070	100	500
M18-8R/LK	01021	22-18	8	0.31	0.33	0.74	0.58	0.030	0.25	0.070	—	1000
M18-10R/LX	21650	22-18	10	0.31	0.33	0.74	0.58	0.030	0.25	0.070	100	500
M18-10R/LK	01023	22-18	10	0.31	0.33	0.74	0.58	0.030	0.25	0.070	—	1000
M18-14R/SX	49591	22-18	1/4	0.47	0.40	0.89	0.65	0.030	0.25	0.070	100	500
M18-14R/SK	01024	22-18	1/4	0.47	0.40	0.89	0.65	0.030	0.25	0.070	—	1000
M18-516R/SX	49592	22-18	5/16	0.47	0.40	0.82	0.65	0.030	0.25	0.070	100	500
M18-38RX	49593	22-18	3/8	0.56	0.40	0.93	0.65	0.030	0.25	0.070	100	500



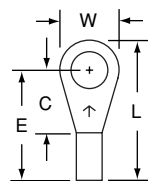
M18-4R/S
4
22-18



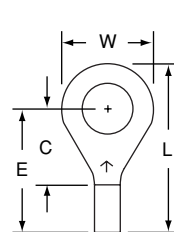
M18-6R/S
6
22-18



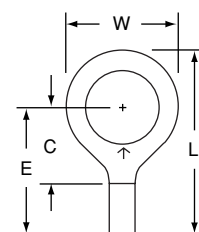
M18-8R/L
8
22-18



M18-10R/L
10
22-18



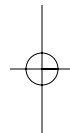
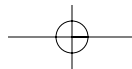
M18-14R/S
1/4
22-18



M18-38R
3/8
22-18

Stud Size
Wire Range

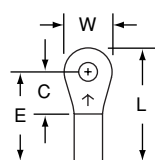
[†]Product Number ending in X = box; Product Number ending with K = bulk



3M™ Ring Tongues – Non-Insulated Brazed Seam 16-14 AWG



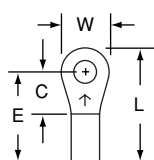
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per: Carton Case	
M14-2R/SK	01379	16-14	2	0.25	0.22	0.60	0.47	0.030	0.25	0.090	—	1000
M14-4R/SX	49612	16-14	4	0.25	0.22	0.60	0.47	0.030	0.25	0.090	100	500
M14-6R/SX	22294	16-14	6	0.25	0.22	0.60	0.47	0.030	0.25	0.090	100	500
M14-6R/SK	01382	16-14	6	0.25	0.22	0.60	0.47	0.030	0.25	0.090	—	1000
M14-6R/LK	01384	16-14	6	0.31	0.33	0.74	0.58	0.030	0.25	0.090	—	1000
M14-8R/LX	22302	16-14	8	0.31	0.33	0.74	0.58	0.030	0.25	0.090	100	500
M14-8R/LK	13880	16-14	8	0.31	0.33	0.74	0.58	0.030	0.25	0.090	—	1000
M14-10RK	13929	16-14	10	0.33	0.29	0.70	0.54	0.030	0.25	0.090	—	1000
M14-10R/LX	22310	16-14	10	0.31	0.33	0.74	0.58	0.030	0.25	0.090	100	500
M14-10R/LK	01389	16-14	10	0.31	0.33	0.74	0.58	0.030	0.25	0.090	—	1000
M14-14R/SX	22328	16-14	1/4	0.47	0.40	0.89	0.65	0.030	0.25	0.090	100	500
M14-14R/SK	01390	16-14	1/4	0.47	0.40	0.89	0.65	0.030	0.25	0.090	—	1000
M14-516R/SX	49613	16-14	5/16	0.47	0.40	0.89	0.65	0.030	0.25	0.090	100	500
M14-516R/SK	01392	16-14	5/16	0.47	0.40	0.89	0.65	0.030	0.25	0.090	—	1000
M14-38RX	49614	16-14	3/8	0.56	0.40	0.93	0.65	0.030	0.25	0.090	100	500



M14-2R/S

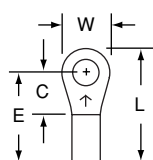
Stud Size
Wire Range

2
16-14



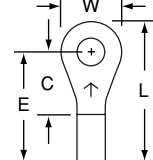
M14-4R/S

4
16-14



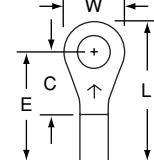
M14-6R/S

6
16-14



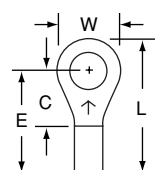
M14-6R/L

6
16-14



M14-8R/L

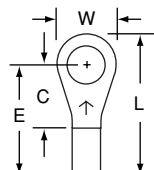
8
16-14



M14-10R

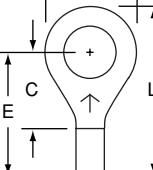
Stud Size
Wire Range

10
16-14



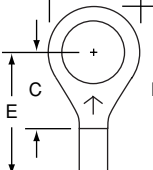
M14-10R/L

10
16-14



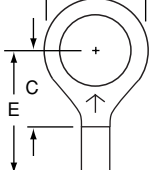
M14-14R/S

1/4
16-14



M14-516R/S

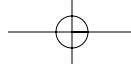
5/16
16-14



M14-38R

3/8
16-14

[†]Product Number ending in X = box; Product Number ending with K = bulk



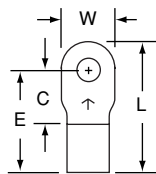
3M

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3M™ Ring Tongues – Non-Insulated Brazed Seam 12-10 AWG

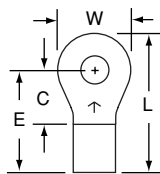


Product Number †	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per:	
											Carton	Case
M10-4R/SK	01890	12-10	4	0.28	0.29	0.68	0.54	0.040	0.25	0.135	—	500
M10-6RX	23250	12-10	6	0.38	0.29	0.73	0.54	0.040	0.25	0.135	50	500
M10-6RK	01892	12-10	6	0.38	0.29	0.73	0.54	0.040	0.25	0.135	—	500
M10-8RX	23268	12-10	8	0.38	0.29	0.73	0.54	0.040	0.25	0.135	50	500
M10-8RK	01894	12-10	8	0.38	0.29	0.73	0.54	0.040	0.25	0.135	—	500
M10-10RX	23276	12-10	10	0.38	0.29	0.73	0.54	0.040	0.25	0.135	50	500
M10-10RK	14002	12-10	10	0.38	0.29	0.73	0.54	0.040	0.25	0.135	—	500
M10-14R/SX	23284	12-10	1/4	0.54	0.44	0.96	0.69	0.040	0.25	0.135	50	500
M10-14R/SK	01896	12-10	1/4	0.54	0.44	0.96	0.69	0.040	0.25	0.135	—	500
M10-516R/SX	49637	12-10	5/16	0.54	0.44	0.96	0.69	0.040	0.25	0.135	50	500
M10-516R/SK	01898	12-10	5/16	0.54	0.44	0.96	0.69	0.040	0.25	0.135	—	500
M10-38R/SX	49638	12-10	3/8	0.54	0.44	0.96	0.69	0.040	0.25	0.135	50	500
M10-38R/SK	01900	12-10	3/8	0.54	0.44	0.96	0.69	0.040	0.25	0.135	—	500
M10-12RK	01903	12-10	1/2	0.75	0.57	1.19	0.82	0.040	0.25	0.135	—	500

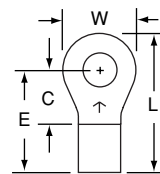


M10-4R/S
4
12-10

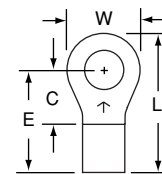
Stud Size
Wire Range



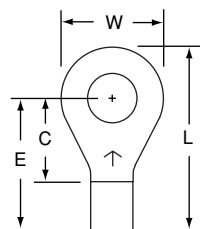
M10-6R
6
12-10



M10-8R
8
12-10

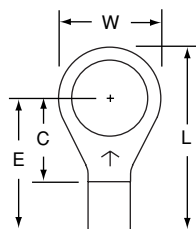


M10-10R
10
12-10

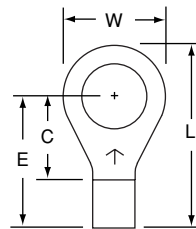


M10-14R/S
1/4
12-10

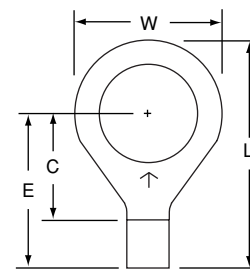
Stud Size
Wire Range



M10-516R/S
5/16
12-10

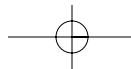


M10-38R/S
3/8
12-10



M10-12R
1/2
12-10

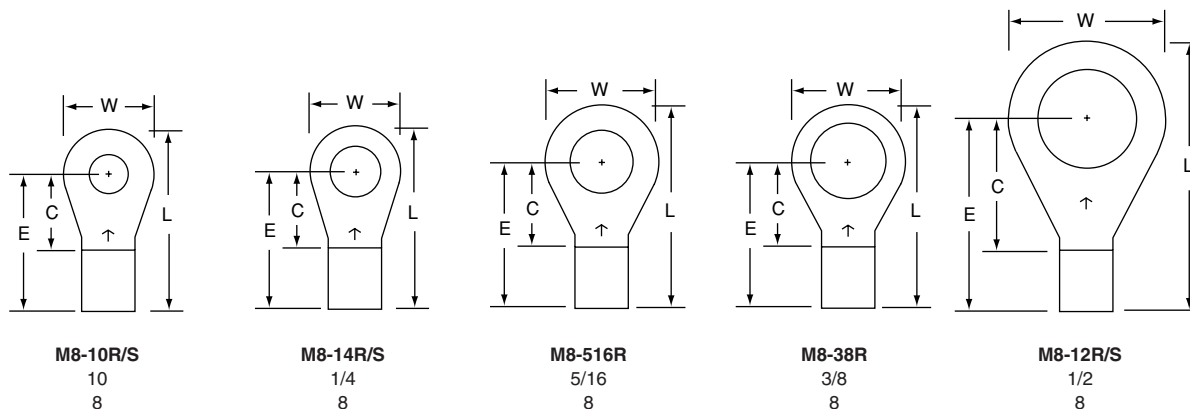
†Product Number ending in X = box; Product Number ending with K = bulk



3M™ Ring Tongues – Non-Insulated Brazed Seam 8 AWG



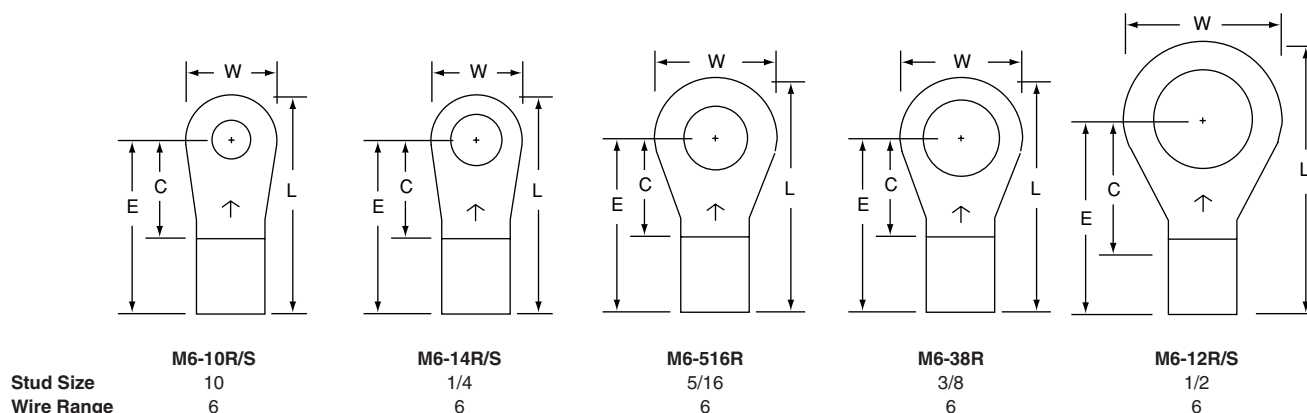
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per:	
											Carton	Case
M8-10R/SX	24118	8	10	0.47	0.40	0.95	0.72	0.050	0.31	0.175	25	250
M8-10R/SK	02118	8	10	0.47	0.40	0.95	0.72	0.050	0.31	0.175	—	200
M8-14R/SX	24126	8	1/4	0.47	0.40	0.95	0.72	0.050	0.31	0.175	25	250
M8-14R/SK	02120	8	1/4	0.47	0.40	0.95	0.72	0.050	0.31	0.175	—	200
M8-516RX	24134	8	5/16	0.59	0.45	1.06	0.77	0.050	0.31	0.175	25	250
M8-516RK	02122	8	5/16	0.59	0.45	1.06	0.77	0.050	0.31	0.175	—	200
M8-38RX	24142	8	3/8	0.59	0.45	1.06	0.77	0.050	0.31	0.175	25	250
M8-38RK	02123	8	3/8	0.59	0.45	1.06	0.77	0.050	0.31	0.175	—	200
M8-12R/SK	02126	8	1/2	0.81	0.69	1.41	1.00	0.050	0.31	0.175	—	200



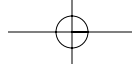
3M Ring Tongues – Non-Insulated Brazed Seam 6 AWG



Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per:	
											Carton	Case
M6-10R/SX	24175	6	10	0.47	0.52	1.14	0.91	0.050	0.39	0.250	20	200
M6-10R/SK	02147	6	10	0.47	0.52	1.14	0.91	0.050	0.39	0.250	—	200
M6-14R/SX	24183	6	1/4	0.47	0.52	1.14	0.91	0.050	0.39	0.250	20	200
M6-14R/SK	02149	6	1/4	0.47	0.52	1.14	0.91	0.050	0.39	0.250	—	200
M6-516RX	24191	6	5/16	0.63	0.52	1.22	0.91	0.050	0.39	0.250	20	200
M6-516RK	02151	6	5/16	0.63	0.52	1.22	0.91	0.050	0.39	0.250	—	200
M6-38RX	24209	6	3/8	0.63	0.52	1.22	0.91	0.050	0.39	0.250	20	200
M6-38RK	02152	6	3/8	0.63	0.52	1.22	0.91	0.050	0.39	0.250	—	200
M6-12R/SK	02155	6	1/2	0.81	0.63	1.42	1.02	0.050	0.39	0.250	—	200



[†]Product Number ending in X = box; Product Number ending with K = bulk



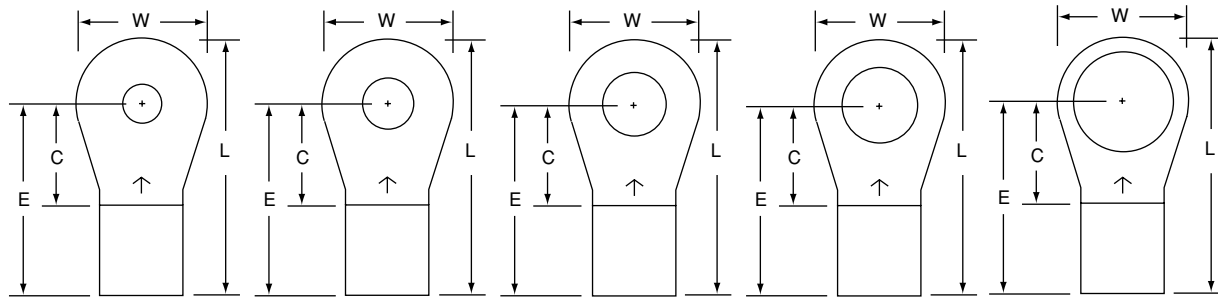
3M

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3M™ Ring Tongues – Non-Insulated Brazed Seam 4 AWG



Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per Carton	Case
M4-10RX	49648	4	10	0.68	0.53	1.34	1.00	0.075	0.47	0.280	20	200
M4-10RK	02176	4	10	0.68	0.53	1.34	1.00	0.075	0.47	0.280	—	200
M4-14RX	24241	4	1/4	0.68	0.53	1.34	1.00	0.075	0.47	0.280	20	200
M4-14RK	02177	4	1/4	0.68	0.53	1.34	1.00	0.075	0.47	0.280	—	200
M4-516RX	24258	4	5/16	0.68	0.53	1.34	1.00	0.075	0.47	0.280	20	200
M4-516RK	02178	4	5/16	0.68	0.53	1.34	1.00	0.075	0.47	0.280	—	200
M4-38RX	24266	4	3/8	0.68	0.53	1.34	1.00	0.075	0.47	0.280	20	200
M4-38RK	02179	4	3/8	0.68	0.53	1.34	1.00	0.075	0.47	0.280	—	200
M4-12R/SK	02182	4	1/2	0.68	0.53	1.34	1.00	0.075	0.47	0.280	—	200



Stud Size
Wire Range

M4-10R
10
4

M4-14R
1/4
4

M4-516R
5/16
4

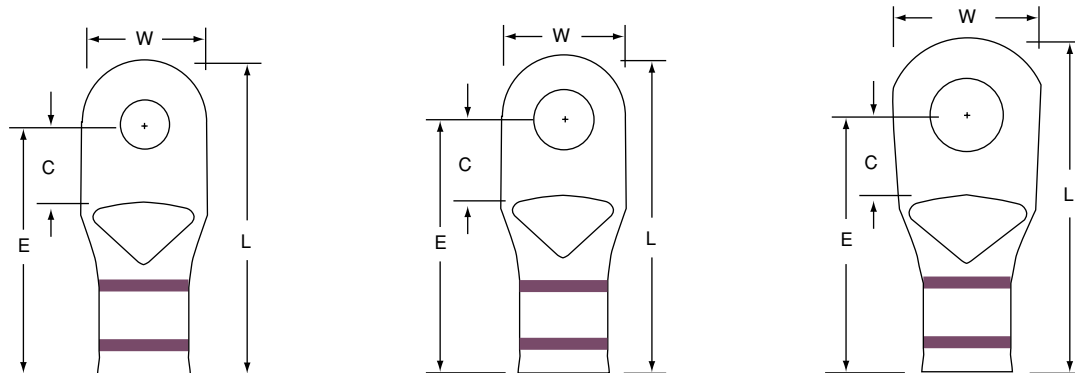
M4-38R
3/8
4

M4-12R/S
1/2
4

3M Large Gauge Ring Tongues – Non-Insulated Copper Seamless 2 AWG



Product Number [†]	UPC (054007-)	Color Code	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Inner Unit Pack	Case Qty.
MC2-14RX	09187	Brown	2 AWG	1/4" (6 mm ²)	0.63" (16,0 mm)	0.40" (10,2 mm)	1.62" (41,1 mm)	1.29" (32,8 mm)	0.11" (2,8 mm)	0.55" (14,0 mm)	0.341" (8,6 mm)	10/ box	100
MC2-516RX	09188	Brown	2 AWG	5/16" (8 mm ²)	0.63" (16,0 mm)	0.40" (10,2 mm)	1.62" (41,1 mm)	1.29" (32,8 mm)	0.11" (2,8 mm)	0.55" (14,0 mm)	0.341" (8,6 mm)	10/ box	100
MC2-38RX	09189	Brown	2 AWG	3/8" (10 mm ²)	0.78" (19,8 mm)	0.46" (11,7 mm)	1.75" (44,5 mm)	1.35" (34,3 mm)	0.11" (2,8 mm)	0.55" (14,0 mm)	0.341" (8,6 mm)	10/ box	100



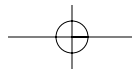
Stud Size
Wire Range

MC2-14RX
1/4
2

MC2-516RX
5/16
2

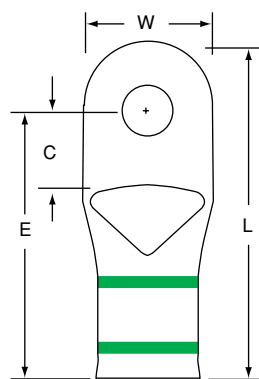
MC2-38RX
3/8
2

[†]Product Number ending in X = box; Product Number ending with K = bulk



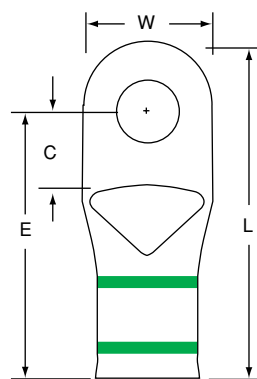
3M™ Large Gauge Ring Tongues – Non-Insulated Copper Seamless 1 AWG

Product Number ¹	UPC (054007-)	Color Code	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Inner Unit Pack	Case Qty.
MC1-14RX	09190	Green	1 AWG	1/4" (6 mm ²)	0.68" (17,3 mm)	0.39" (9,9 mm)	1.72" (43,7 mm)	1.37" (34,8 mm)	0.11" (2,8 mm)	0.60" (15,2 mm)	0.365" (9,3 mm)	10/ box	100
MC1-516RX	09191	Green	1 AWG	5/16" (8 mm ²)	0.68" (17,3 mm)	0.39" (9,9 mm)	1.72" (43,7 mm)	1.37" (34,8 mm)	0.11" (2,8 mm)	0.60" (15,2 mm)	0.365" (9,3 mm)	10/ box	100
MC1-38RX	09192	Green	1 AWG	3/8" (10 mm ²)	0.78" (19,8 mm)	0.46" (11,7 mm)	1.83" (46,5 mm)	1.43" (36,3 mm)	0.11" (2,8 mm)	0.60" (15,2 mm)	0.365" (9,3 mm)	10/ box	100

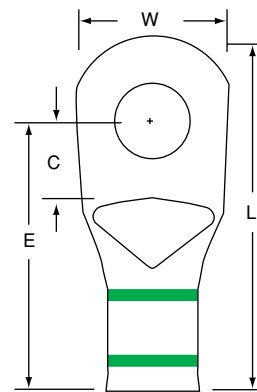
**MC1-14RX**

Stud Size
Wire Range

1/4
1

**MC1-516RX**

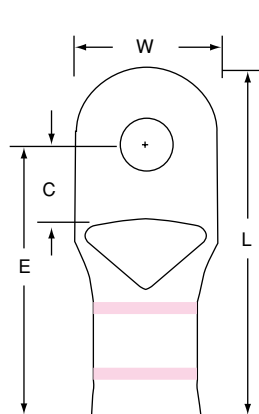
5/16
1

**MC1-38RX**

3/8
1

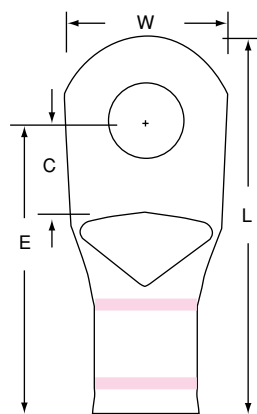
3M™ Large Gauge Ring Tongues – Non-Insulated Copper Seamless 1/0 AWG

Product Number ¹	UPC (054007-)	Color Code	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Inner Unit Pack	Case Qty.
MC1/0-14RX	09193	Pink	1/0 AWG	1/4" (6 mm ²)	0.75" (19,0 mm)	0.40" (10,2 mm)	1.83" (46,5 mm)	1.44" (36,6 mm)	0.11" (2,8 mm)	0.65" (16,5 mm)	0.412" (10,5 mm)	10/ box	100
MC1/0-38RX	09194	Pink	1/0 AWG	3/8" (8 mm ²)	0.84" (21,3 mm)	0.46" (11,7 mm)	1.90" (48,3 mm)	1.52" (38,6 mm)	0.11" (2,8 mm)	0.65" (16,5 mm)	0.412" (10,5 mm)	10/ box	100
MC1/0-12RX	09195	Pink	1/0 AWG	1/2" (12 mm ²)	0.84" (21,3 mm)	0.46" (11,7 mm)	1.90" (48,3 mm)	1.52" (38,6 mm)	0.11" (2,8 mm)	0.65" (16,5 mm)	0.412" (10,5 mm)	10/ box	100

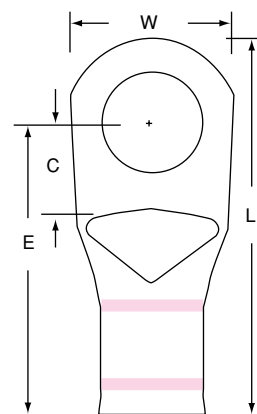
**MC1/0-14RX**

Stud Size
Wire Range

1/4
1/0

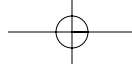
**MC1/0-38RX**

3/8
1/0

**MC1/0-12RX**

1/2
1/0

¹Product Number ending in X = box; Product Number ending with K = bulk

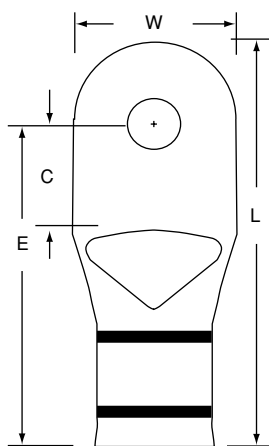


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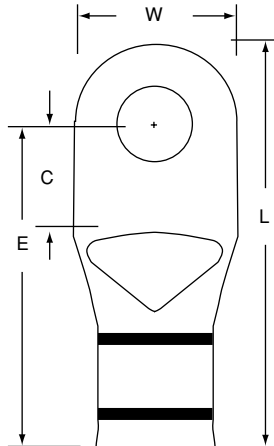
Phone 800/245 3573 Fax 800/245 0329

3M™ Large Gauge Ring Tongues – Non-Insulated Copper Seamless 2/0 AWG

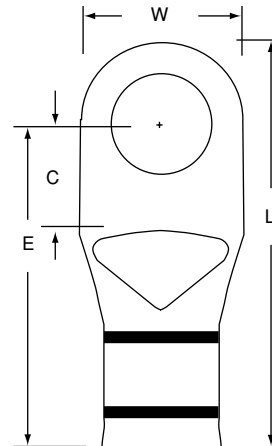
Product Number ¹	UPC (054007-)	Color Code	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Inner Unit Pack	Case Qty.
MC2/0-14RX	09196	Black	2/0 AWG	1/4" (6 mm ²)	0.83" (21,1 mm)	0.50" (12,7 mm)	2.09" (53,1 mm)	1.63" (41,4 mm)	0.11" (2,8 mm)	0.68" (17,3 mm)	0.466" (11,8 mm)	10/ box	100
MC2/0-38RX	09197	Black	2/0 AWG	3/8" (10 mm ²)	0.83" (21,1 mm)	0.50" (12,7 mm)	2.09" (53,1 mm)	1.63" (41,4 mm)	0.11" (2,8 mm)	0.68" (17,3 mm)	0.466" (11,8 mm)	10/ box	100
MC2/0-12RX	09198	Black	2/0 AWG	1/2" (12 mm ²)	0.83" (21,1 mm)	0.50" (12,7 mm)	2.09" (53,1 mm)	1.63" (41,4 mm)	0.11" (2,8 mm)	0.68" (17,3 mm)	0.466" (11,8 mm)	10/ box	100



MC2/0-14RX

Stud Size
Wire Range1/4
2/0

MC2/0-38RX

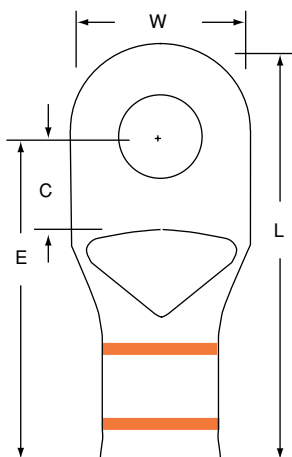
3/8
2/0

MC2/0-12RX

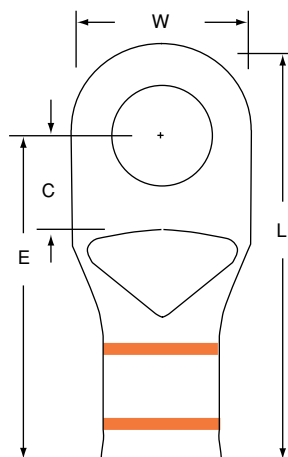
1/2
2/0

3M Large Gauge Ring Tongues – Non-Insulated Copper Seamless 3/0 AWG

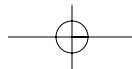
Product Number ¹	UPC (054007-)	Color Code	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Inner Unit Pack	Case Qty.
MC3/0-38RX	09199	Orange	3/0 AWG	3/8" (10 mm ²)	0.92" (23,4 mm)	0.50" (12,7 mm)	2.16" (54,9 mm)	1.69" (42,9 mm)	0.12" (3,1 mm)	0.70" (17,8 mm)	0.516" (13,1 mm)	6/ box	60
MC3/0-12RX	09200	Orange	3/0 AWG	1/2" (12 mm ²)	0.92" (23,4 mm)	0.50" (12,7 mm)	2.16" (54,9 mm)	1.69" (42,9 mm)	0.12" (3,1 mm)	0.70" (17,8 mm)	0.516" (13,1 mm)	6/ box	60



MC3/0-38RX

Stud Size
Wire Range3/8
3/0

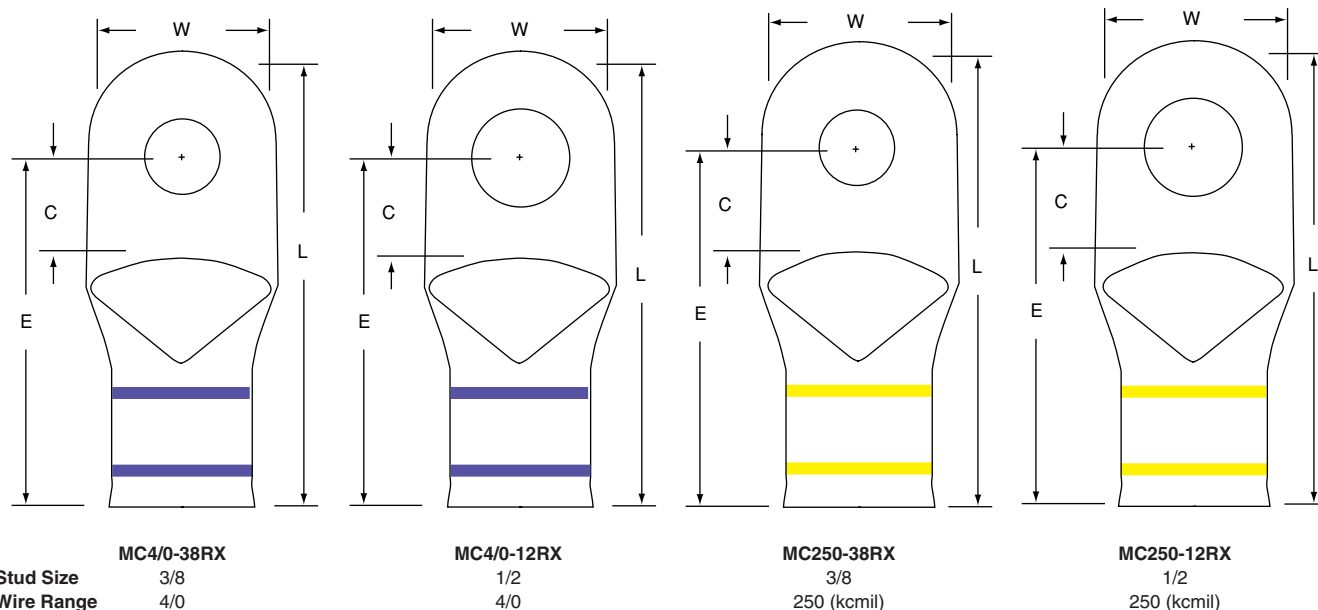
MC3/0-12RX

1/2
3/0¹Product Number ending in X = box; Product Number ending with K = bulk

3M™ Large Gauge Ring Tongues – Non-Insulated Copper Seamless 4/0 AWG-250 kcmil

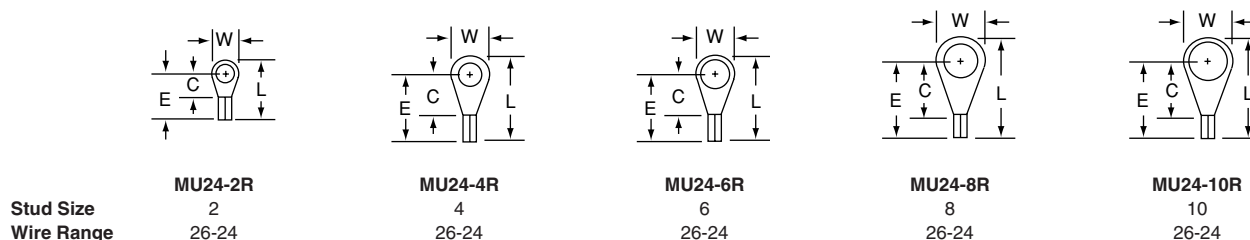


Product Number ¹	UPC (054007-)	Color Code	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Inner Unit Pack	Case Qty.
MC4/0-38RX	09201	Purple	4/0 AWG	3/8" (10 mm ²)	1.00" (25,4 mm)	0.54" (13,7 mm)	2.35" (59,7 mm)	1.84" (46,7 mm)	0.13" (3,3 mm)	0.73" (18,5 mm)	0.564" (14,3 mm)	6/ box	60
MC4/0-12RX	09202	Purple	4/0 AWG	1/2" (12 mm ²)	1.00" (25,4 mm)	0.54" (13,7 mm)	2.35" (59,7 mm)	1.84" (46,7 mm)	0.13" (3,3 mm)	0.73" (18,5 mm)	0.564" (14,3 mm)	6/ box	60
MC250-38RX	09203	Yellow	250 kcmil	3/8" (10 mm ²)	1.05" (26,7 mm)	0.54" (13,7 mm)	2.39" (60,7 mm)	1.86" (47,2 mm)	0.13" (3,3 mm)	0.73" (18,5 mm)	0.595" (15,1 mm)	6/ box	60
MC250-12RX	09204	Yellow	250 kcmil	1/2" (12 mm ²)	1.05" (26,7 mm)	0.54" (13,7 mm)	2.39" (60,7 mm)	1.86" (47,2 mm)	0.13" (3,3 mm)	0.73" (18,5 mm)	0.595" (15,1 mm)	6/ box	60

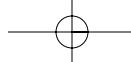


3M Ring Tongues – Non-Insulated Butted Seam 26-24 AWG

Product Number ¹	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per Case
MU24-2RK	00958	26-24	2	0.14	0.12	0.31	0.24	0.020	0.13	0.030	1000
MU24-4RK	00959	26-24	4	0.20	0.21	0.45	0.35	0.020	0.14	0.030	1000
MU24-6RK	00960	26-24	6	0.20	0.21	0.45	0.35	0.020	0.14	0.030	1000
MU24-8RK	00961	26-24	8	0.25	0.28	0.53	0.40	0.020	0.13	0.030	1000
MU24-10RK	00962	26-24	10	0.25	0.28	0.53	0.40	0.020	0.13	0.030	1000



¹Product Number ending in X = box; Product Number ending with K = bulk



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Fax 800/245 0329

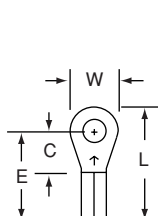
Phone 800/245 3573

60

3M™ Ring Tongues – Non-Insulated Butted Seam 22-18 AWG



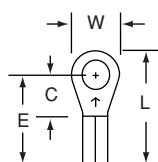
Product Number ¹	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per Case
MU18-4R/SK	00998	22-18	4	0.25	0.22	0.60	0.47	0.030	0.25	0.070	1000
MU18-6R/SK	01000	22-18	6	0.25	0.22	0.60	0.47	0.030	0.25	0.070	1000
MU18-8R/LK	01005	22-18	8	0.31	0.33	0.74	0.58	0.030	0.25	0.070	1000
MU18-10R/LK	01007	22-18	10	0.31	0.33	0.74	0.58	0.030	0.25	0.070	1000
MU18-14R/SK	01008	22-18	1/4	0.47	0.40	0.89	0.65	0.030	0.25	0.070	1000
MU18-38RK	01012	22-18	3/8	0.56	0.40	0.93	0.65	0.030	0.25	0.070	1000



MU18-4R/S

Stud Size
4

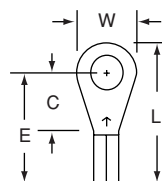
Wire Range
22-18



MU18-6R/S

Stud Size
6

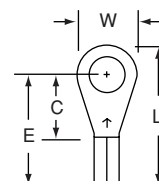
Wire Range
22-18



MU18-8R/L

Stud Size
8

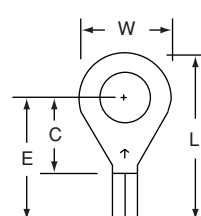
Wire Range
22-18



MU18-10R/L

Stud Size
10

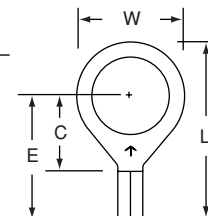
Wire Range
22-18



MU18-14R/S

Stud Size
1/4

Wire Range
22-18



MU18-38R

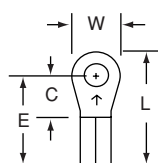
Stud Size
3/8

Wire Range
22-18

3M Ring Tongues – Non-Insulated Butted Seam 16-14 AWG



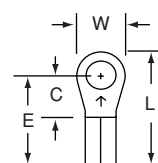
Product Number ¹	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per Case
MU14-4R/SK	01364	16-14	4	0.25	0.22	0.60	0.47	0.030	0.25	0.090	1000
MU14-6R/SK	01366	16-14	6	0.25	0.22	0.60	0.47	0.030	0.25	0.090	1000
MU14-8R/LK	01371	16-14	8	0.31	0.33	0.74	0.58	0.030	0.25	0.090	1000
MU14-10RK	01372	16-14	10	0.33	0.29	0.70	0.54	0.030	0.25	0.090	1000
MU14-10R/LK	01373	16-14	10	0.31	0.33	0.74	0.58	0.030	0.25	0.090	1000
MU14-14R/SK	01374	16-14	1/4	0.47	0.40	0.89	0.65	0.030	0.25	0.090	1000



MU14-4R/S

Stud Size
4

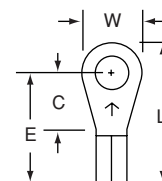
Wire Range
16-14



MU14-6R/S

Stud Size
6

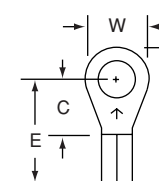
Wire Range
16-14



MU14-8R/L

Stud Size
8

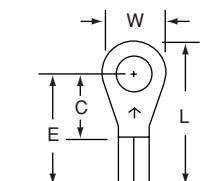
Wire Range
16-14



MU14-10R

Stud Size
10

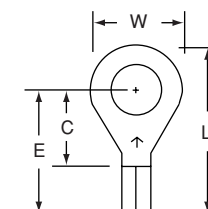
Wire Range
16-14



MU14-10R/L

Stud Size
10

Wire Range
16-14

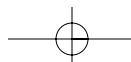


MU14-14R/S

Stud Size
1/4

Wire Range
16-14

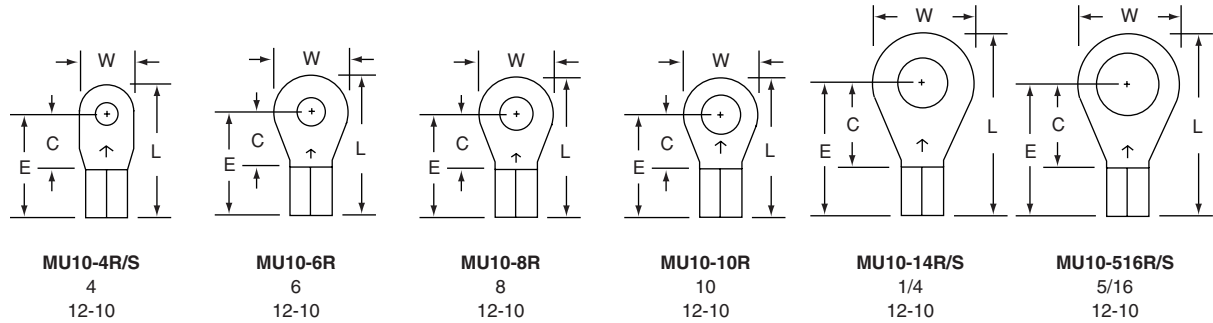
¹Product Number ending in X = box; Product Number ending with K = bulk



3M™ Ring Tongues – Non-Insulated Butted Seam 12-10 AWG



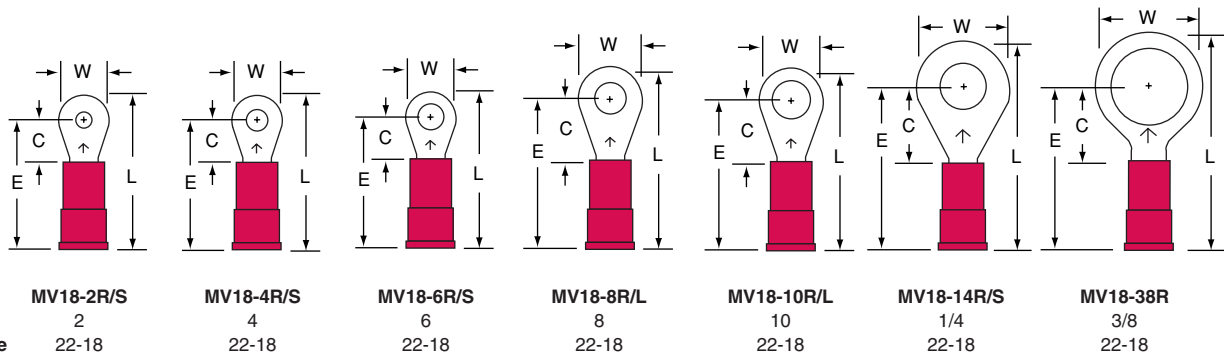
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per Case
MU10-4R/SK	01876	12-10	4	0.28	0.29	0.68	0.54	0.040	0.25	0.135	500
MU10-6RK	01878	12-10	6	0.38	0.29	0.73	0.54	0.040	0.25	0.135	500
MU10-8RK	01880	12-10	8	0.38	0.29	0.73	0.54	0.040	0.25	0.135	500
MU10-10RK	01881	12-10	10	0.38	0.29	0.73	0.54	0.040	0.25	0.135	500
MU10-14R/SK	01882	12-10	1/4	0.53	0.44	0.96	0.69	0.040	0.25	0.135	500



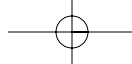
3M Ring Tongues – Vinyl Insulated Brazed Seam 22-18 AWG



Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per: Carton Case
MV18-2R/SK	01045	22-18	2	0.25	0.22	0.80	0.67	0.030	0.25	0.070	0.145	— 1000
MV18-4R/SX	21700	22-18	4	0.25	0.22	0.80	0.67	0.030	0.25	0.070	0.145	100 500
MV18-4R/SK	01046	22-18	4	0.25	0.22	0.80	0.67	0.030	0.25	0.070	0.145	— 1000
MV18-6R/SX	21718	22-18	6	0.25	0.22	0.80	0.67	0.030	0.25	0.070	0.145	100 500
MV18-6R/SK	01048	22-18	6	0.25	0.22	0.80	0.67	0.030	0.25	0.070	0.145	— 1000
MV18-8R/LX	21726	22-18	8	0.31	0.33	0.93	0.78	0.030	0.25	0.070	0.145	100 500
MV18-8R/LK	01053	22-18	8	0.31	0.33	0.93	0.78	0.030	0.25	0.070	0.145	— 1000
MV18-10R/LX	21734	22-18	10	0.31	0.33	0.93	0.78	0.030	0.25	0.070	0.145	100 500
MV18-10R/LK	01055	22-18	10	0.31	0.33	0.93	0.78	0.030	0.25	0.070	0.145	— 1000
MV18-14R/SX	21742	22-18	1/4	0.47	0.40	1.08	0.85	0.030	0.25	0.070	0.145	100 500
MV18-14R/SK	01056	22-18	1/4	0.47	0.40	1.08	0.85	0.030	0.25	0.070	0.145	— 1000
MV18-516R/SX	49594	22-18	5/16	0.47	0.40	1.08	0.85	0.030	0.25	0.070	0.145	100 500
MV18-38RX	21767	22-18	3/8	0.56	0.40	1.13	0.85	0.030	0.25	0.070	0.145	100 500
MV18-38RK	01060	22-18	3/8	0.56	0.40	1.13	0.85	0.030	0.25	0.070	0.145	— 1000



[†]Product Number ending in X = box; Product Number ending with K = bulk



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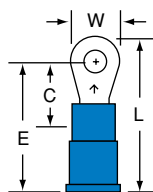
Fax 800/245 0329

Phone 800/245 3573

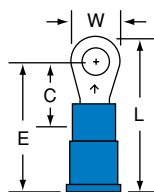
3M™ Ring Tongues – Vinyl Insulated Brazed Seam 16-14 AWG



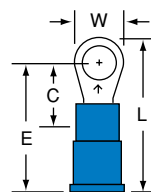
Product Number ¹	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per: Carton Case	
MV14-4R/SX	22369	16-14	4	0.25	0.22	0.80	0.67	0.030	0.25	0.090	0.170	100	500
MV14-4R/SK	01412	16-14	4	0.25	0.22	0.80	0.67	0.030	0.25	0.090	0.170	—	1000
MV14-6R/SX	22377	16-14	6	0.25	0.22	0.80	0.67	0.030	0.25	0.090	0.170	100	500
MV14-6R/SK	01414	16-14	6	0.25	0.22	0.80	0.67	0.030	0.25	0.090	0.170	—	1000
MV14-8R/SK	01417	16-14	8	0.25	0.22	0.80	0.67	0.030	0.25	0.090	0.170	—	1000
MV14-8R/LX	22385	16-14	8	0.31	0.33	0.93	0.78	0.030	0.25	0.090	0.170	100	500
MV14-8R/LK	01419	16-14	8	0.31	0.33	0.93	0.78	0.030	0.25	0.090	0.170	—	1000
MV14-10RK	01420	16-14	10	0.33	0.29	0.90	0.74	0.030	0.25	0.090	0.170	—	1000
MV14-10R/LX	22393	16-14	10	0.31	0.33	0.93	0.78	0.030	0.25	0.090	0.170	100	500
MV14-10R/LK	01421	16-14	10	0.31	0.33	0.93	0.78	0.030	0.25	0.090	0.170	—	1000
MV14-14R/SX	22401	16-14	1/4	0.47	0.40	1.08	0.85	0.030	0.25	0.090	0.170	100	500
MV14-14R/SK	01422	16-14	1/4	0.47	0.40	1.08	0.85	0.030	0.25	0.090	0.170	—	1000
MV14-516R/SX	49615	16-14	5/16	0.47	0.40	1.08	0.85	0.030	0.25	0.090	0.170	100	500
MV14-516R/SK	01424	16-14	5/16	0.47	0.40	1.08	0.85	0.030	0.25	0.090	0.170	—	1000
MV14-38RX	22427	16-14	3/8	0.56	0.40	1.13	0.85	0.030	0.25	0.090	0.170	100	500
MV14-38RK	00546	16-14	3/8	0.56	0.40	1.13	0.85	0.030	0.25	0.090	0.170	—	1000



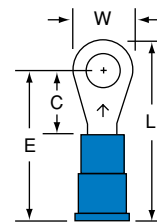
MV14-4R/S
Stud Size
4
Wire Range
16-14



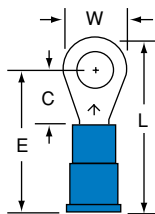
MV14-6R/S
Stud Size
6
Wire Range
16-14



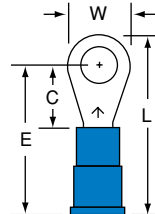
MV14-8R/S
Stud Size
8
Wire Range
16-14



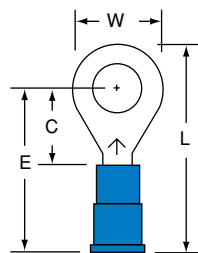
MV14-8R/L
Stud Size
8
Wire Range
16-14



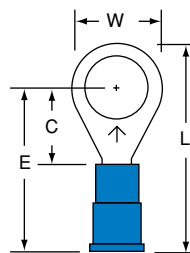
MV14-10R
Stud Size
10
Wire Range
16-14



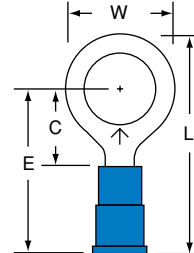
MV14-10R/L
Stud Size
10
Wire Range
16-14



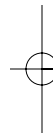
MV14-14R/S
Stud Size
1/4
Wire Range
16-14



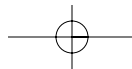
MV14-516R/S
Stud Size
5/16
Wire Range
16-14



MV14-38R
Stud Size
3/8
Wire Range
16-14



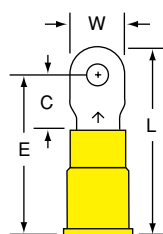
¹Product Number ending in X = box; Product Number ending with K = bulk



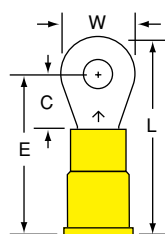
3M™ Ring Tongues – Vinyl Insulated Brazed Seam 12-10 AWG



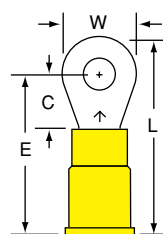
Product Number ¹	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
												Carton	Case
MV10-4R/SK	01918	12-10	4	0.28	0.29	0.98	0.84	0.040	0.25	0.135	0.250	—	500
MV10-6RX	23334	12-10	6	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	50	500
MV10-6RK	01920	12-10	6	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	—	500
MV10-8RX	23342	12-10	8	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	50	500
MV10-8RK	01922	12-10	8	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	—	500
MV10-10RX	23359	12-10	10	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	50	500
MV10-10RK	01923	12-10	10	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	—	500
MV10-14R/SX	23367	12-10	1/4	0.53	0.44	1.26	0.99	0.040	0.25	0.135	0.250	50	500
MV10-14R/SK	01924	12-10	1/4	0.53	0.44	1.26	0.99	0.040	0.25	0.135	0.250	—	500
MV10-516R/SX	23375	12-10	5/16	0.53	0.44	1.26	0.99	0.040	0.25	0.135	0.250	50	500
MV10-516R/SK	01926	12-10	5/16	0.53	0.44	1.26	0.99	0.040	0.25	0.135	0.250	—	500
MV10-38R/SX	49639	12-10	3/8	0.54	0.44	1.26	0.99	0.040	0.25	0.135	0.250	50	500
MV10-38R/SK	01928	12-10	3/8	0.54	0.44	1.26	0.99	0.040	0.25	0.135	0.250	—	500
MV10-12RX	23409	12-10	1/2	0.75	0.57	1.50	1.12	0.040	0.25	0.135	0.250	50	500
MV10-12RK	01931	12-10	1/2	0.75	0.57	1.50	1.12	0.040	0.25	0.135	0.250	—	500



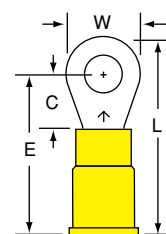
MV10-4R/S
4
12-10



MV10-6R
6
12-10

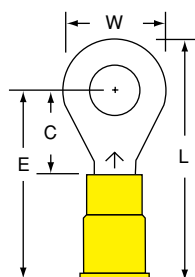


MV10-8R
8
12-10

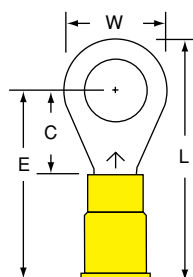


MV10-10R
10
12-10

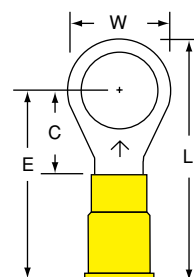
Stud Size
Wire Range



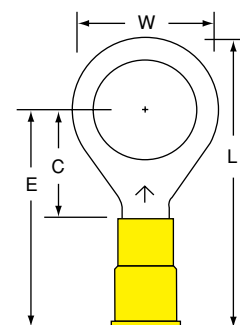
MV10-14R/S
1/4
12-10



MV10-516R/S
5/16
12-10



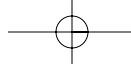
MV10-38R/S
3/8
12-10



MV10-12R
1/2
12-10

Stud Size
Wire Range

¹Product Number ending in X = box; Product Number ending with K = bulk



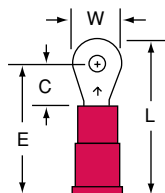
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3M™ Ring Tongues – Vinyl Insulated Butted Seam 22-18 AWG

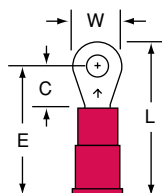


Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per Case
MVU18-2R/SK	01077	22-18	2	0.25	0.22	0.80	0.67	0.030	0.25	0.070	0.145	1000
MVU18-4R/SK	01078	22-18	4	0.25	0.22	0.80	0.67	0.030	0.25	0.070	0.145	1000
MVU18-6R/SK	01080	22-18	6	0.25	0.22	0.80	0.67	0.030	0.25	0.070	0.145	1000
MVU18-8R/LK	01085	22-18	8	0.31	0.33	0.93	0.78	0.030	0.25	0.070	0.145	1000
MVU18-10R/LK	01087	22-18	10	0.31	0.33	0.93	0.78	0.030	0.25	0.070	0.145	1000
MVU18-14R/SK	01088	22-18	1/4	0.47	0.40	1.08	0.85	0.030	0.25	0.070	0.145	1000
MVU18-516R/SK	01090	22-18	5/16	0.47	0.40	1.08	0.85	0.030	0.25	0.070	0.145	1000
MVU18-38RK	01092	22-18	3/8	0.56	0.40	1.13	0.85	0.030	0.25	0.070	0.145	1000

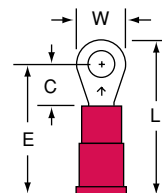


MVU18-2R/S
2
22-18

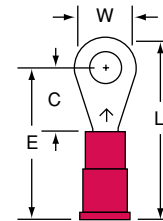
Stud Size
Wire Range



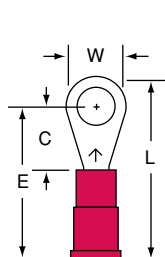
MVU18-4R/S
4
22-18



MVU18-6R/S
6
22-18

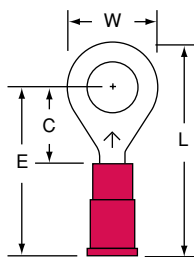


MVU18-8R/L
8
22-18

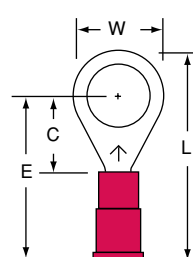


MVU18-10R/L
10
22-18

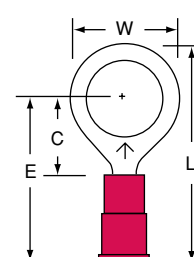
Stud Size
Wire Range



MVU18-14R/S
1/4
22-18

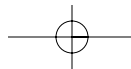


MVU18-516R/S
5/16
22-18



MVU18-38R
3/8
22-18

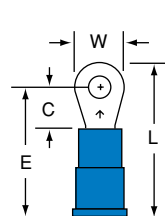
[†]Product Number ending in X = box; Product Number ending with K = bulk



3M™ Ring Tongues – Vinyl Insulated Butted Seam 16-14 AWG



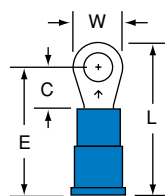
Product Number ¹	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per Case
MVU14-4R/SK	01444	16-14	4	0.25	0.22	0.80	0.67	0.030	0.25	0.090	0.170	1000
MVU14-6R/SK	01446	16-14	6	0.25	0.22	0.80	0.67	0.030	0.25	0.090	0.170	1000
MVU14-8R/SK	01449	16-14	8	0.25	0.22	0.80	0.67	0.030	0.25	0.090	0.170	1000
MVU14-8RK	01450	16-14	8	0.33	0.29	0.90	0.74	0.030	0.25	0.090	0.170	1000
MVU14-8R/LK	01451	16-14	8	0.31	0.33	0.93	0.78	0.030	0.25	0.090	0.170	1000
MVU14-10RK	01452	16-14	10	0.33	0.29	0.90	0.74	0.030	0.25	0.090	0.170	1000
MVU14-10R/LK	01453	16-14	10	0.31	0.33	0.93	0.78	0.030	0.25	0.090	0.170	1000
MVU14-14R/SK	01454	16-14	1/4	0.47	0.40	1.08	0.85	0.030	0.25	0.090	0.170	1000
MVU14-516R/SK	01456	16-14	5/16	0.47	0.40	1.08	0.85	0.030	0.25	0.090	0.170	1000
MVU14-38RK	01458	16-14	3/8	0.56	0.40	1.13	0.85	0.030	0.25	0.090	0.170	1000



MVU14-4R/S

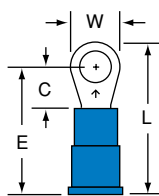
Stud Size
Wire Range

4
16-14



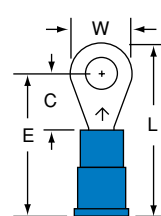
MVU14-6R/S

6
16-14



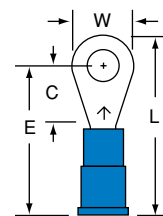
MVU14-8R/S

8
16-14



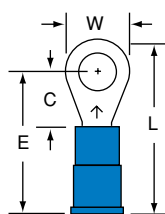
MVU14-8R

8
16-14



MVU14-8R/L

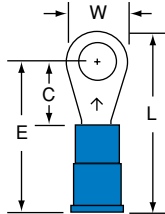
8
16-14



MVU14-10R

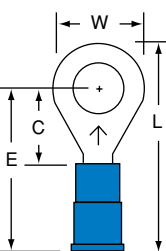
Stud Size
Wire Range

10
16-14



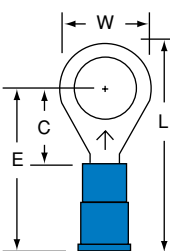
MVU14-10R/L

10
16-14



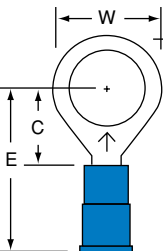
MVU14-14R/S

1/4
16-14



MVU14-516R/S

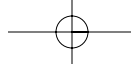
5/16
16-14



MVU14-38R

3/8
16-14

¹Product Number ending in X = box; Product Number ending with K = bulk



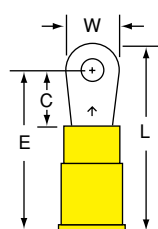
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3M™ Ring Tongues – Vinyl Insulated Butted Seam 12-10 AWG

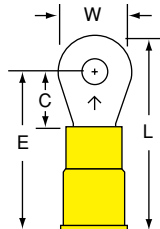


Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per Case
MVU10-4R/SK	01946	12-10	4	0.28	0.29	0.98	0.84	0.040	0.25	0.135	0.250	500
MVU10-6RK	01948	12-10	6	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	500
MVU10-8RK	01950	12-10	8	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	500
MVU10-10RK	01951	12-10	10	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	500
MVU10-14R/SK	01952	12-10	1/4	0.53	0.44	1.26	0.99	0.040	0.25	0.135	0.250	500
MVU10-516R/SK	01954	12-10	5/16	0.53	0.44	1.26	0.99	0.040	0.25	0.135	0.250	500
MVU10-38R/SK	01956	12-10	3/8	0.54	0.44	1.26	0.99	0.040	0.25	0.135	0.250	500

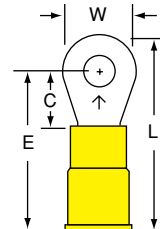


MVU10-4R/S
4
12-10

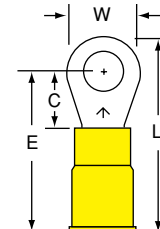
Stud Size
Wire Range



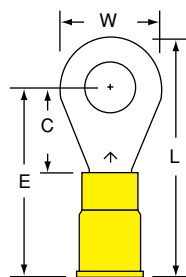
MVU10-6R
6
12-10



MVU10-8R
8
12-10

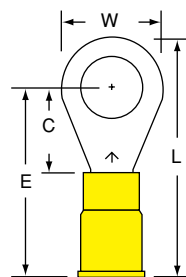


MVU10-10R
10
12-10

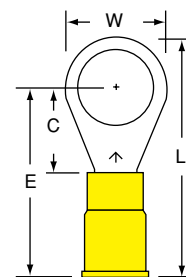


MVU10-14R/S
1/4
12-10

Stud Size
Wire Range

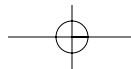


MVU10-516R/S
5/16
12-10



MVU10-38R/S
3/8
12-10

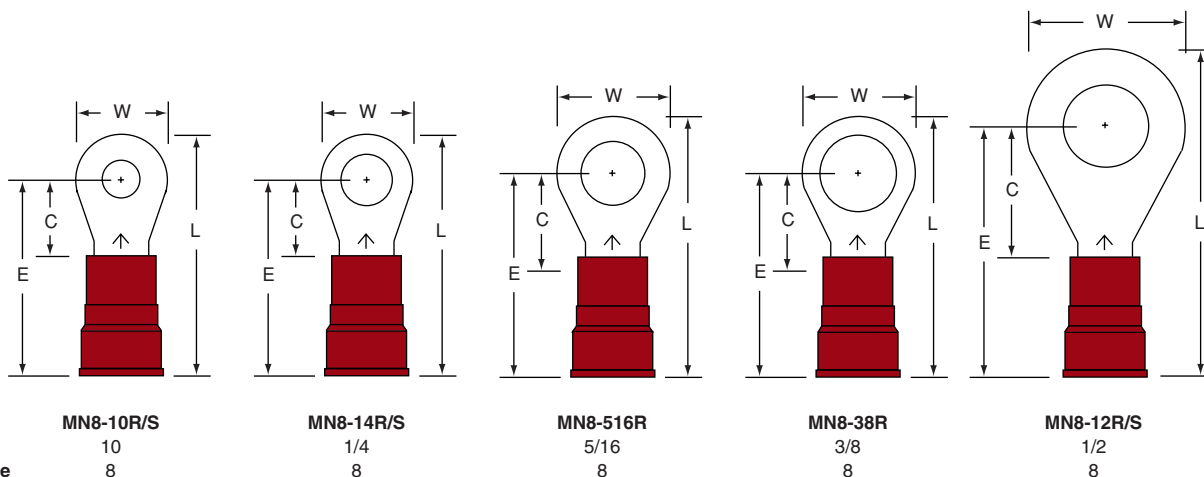
[†]Product Number ending in X = box; Product Number ending with K = bulk



3M™ Ring Tongues – Nylon Insulated Brazed Seam 8 AWG



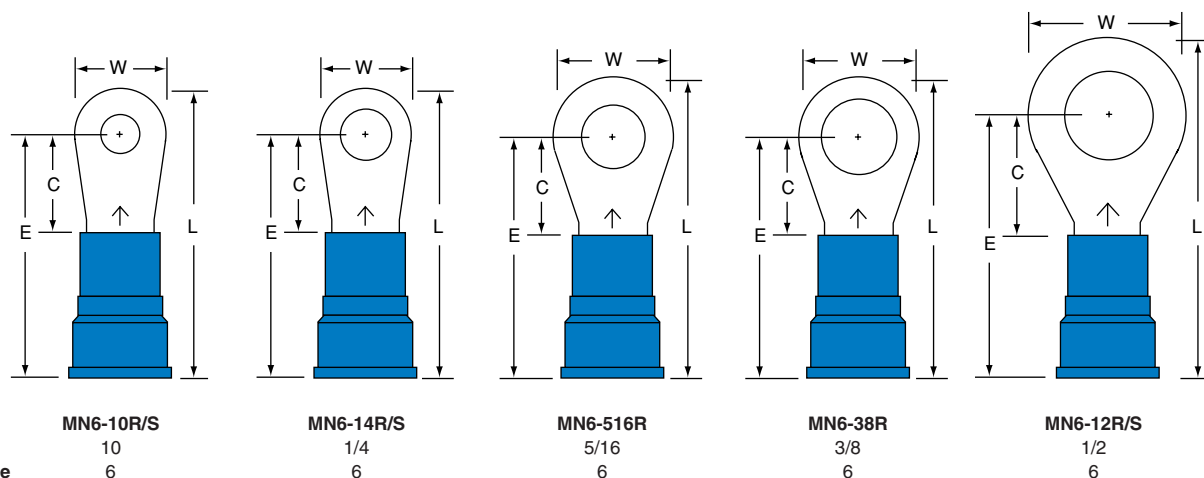
Product Number ¹	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
												Carton	Case
MN8-10R/SK	08267	8	10	0.47	0.40	1.26	1.03	0.050	0.31	0.175	0.340	—	200
MN8-14R/SX	15652	8	1/4	0.47	0.40	1.26	1.03	0.050	0.31	0.175	0.340	25	250
MN8-14R/SK	08268	8	1/4	0.47	0.40	1.26	1.03	0.050	0.31	0.175	0.340	—	200
MN8-516RK	08269	8	5/16	0.59	0.45	1.38	1.08	0.050	0.31	0.175	0.340	—	200
MN8-38RK	08270	8	3/8	0.59	0.45	1.38	1.08	0.050	0.31	0.175	0.340	—	200
MN8-12R/SK	08271	8	1/2	0.81	0.69	1.72	1.32	0.050	0.31	0.175	0.340	—	200



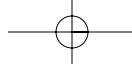
3M Ring Tongues – Nylon Insulated Brazed Seam 6 AWG



Product Number ¹	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
												Carton	Case
MN6-10R/SK	08272	6	10	0.47	0.52	1.50	1.27	0.050	0.39	0.250	0.440	—	200
MN6-14R/SX	15660	6	1/4	0.47	0.52	1.50	1.27	0.050	0.39	0.250	0.440	20	200
MN6-14R/SK	08273	6	1/4	0.47	0.52	1.50	1.27	0.050	0.39	0.250	0.440	—	200
MN6-516RK	08274	6	5/16	0.63	0.52	1.58	1.27	0.050	0.39	0.250	0.440	—	200
MN6-38RK	08275	6	3/8	0.63	0.52	1.58	1.27	0.050	0.39	0.250	0.440	—	200
MN6-12R/SK	08276	6	1/2	0.81	0.63	1.78	1.38	0.050	0.39	0.250	0.440	—	200



¹Product Number ending in X = box; Product Number ending with K = bulk



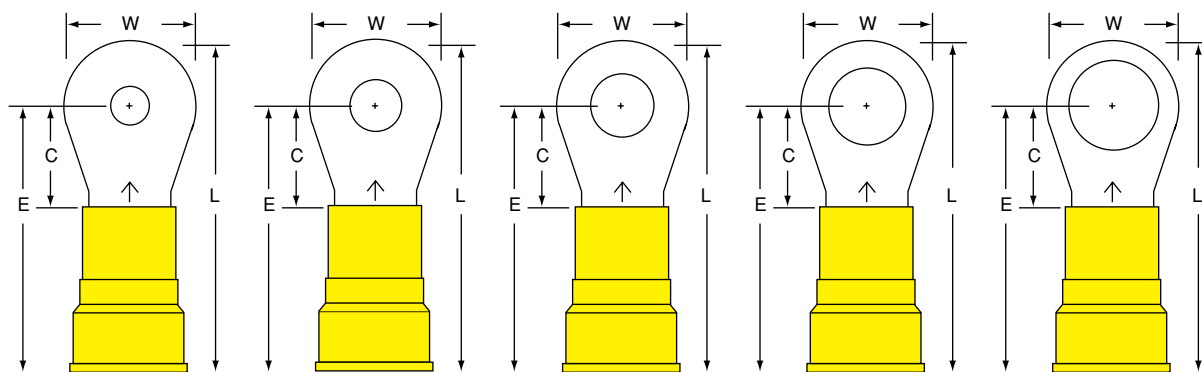
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3M™ Ring Tongues – Nylon Insulated Brazed Seam 4 AWG



Product Number ¹	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per: Carton Case	
MN4-10RK	08277	4	10	0.68	0.53	1.74	1.41	0.075	0.47	0.280	0.515	—	200
MN4-14RK	08278	4	1/4	0.68	0.53	1.74	1.41	0.075	0.47	0.280	0.515	—	200
MN4-516RK	08279	4	5/16	0.68	0.53	1.74	1.41	0.075	0.47	0.280	0.515	—	200
MN4-38RK	08280	4	3/8	0.68	0.53	1.74	1.41	0.075	0.47	0.280	0.515	—	200
MN4-12R/SK	08281	4	1/2	0.68	0.53	1.74	1.41	0.075	0.47	0.280	0.515	—	200



Stud Size
Wire Range

MN4-10R
10
4

MN4-14R
1/4
4

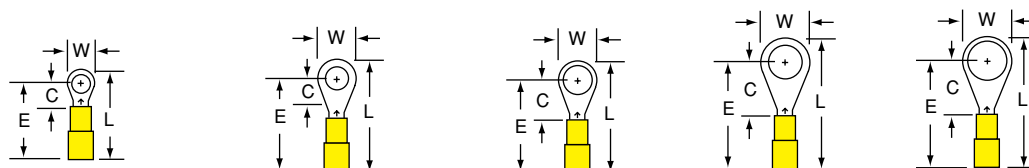
MN4-516R
5/16
4

MN4-38R
3/8
4

MN4-12R/S
1/2
4

3M Ring Tongues – Nylon Insulated 26-24 AWG

Product Number ¹	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per: Carton Case	
MN24-2RX	95135	26-24	2	0.14	0.12	0.47	0.40	0.020	0.13	0.030	0.093	100	500
MN24-2RK		26-24	2	0.14	0.12	0.47	0.40	0.020	0.13	0.030	0.093	—	1000
MN24-4RX	11318	26-24	4	0.20	0.21	0.60	0.49	0.020	0.14	0.030	0.093	100	500
MN24-4RK		26-24	4	0.20	0.21	0.60	0.49	0.020	0.14	0.030	0.093	—	1000
MN24-6RX	49587	26-24	6	0.20	0.21	0.60	0.49	0.020	0.14	0.030	0.093	100	500
MN24-6RK		26-24	6	0.20	0.21	0.60	0.49	0.020	0.14	0.030	0.093	—	1000
MN24-8RX	49588	26-24	8	0.25	0.28	0.69	0.56	0.020	0.13	0.030	0.093	100	500
MN24-8RK		26-24	8	0.25	0.28	0.69	0.56	0.020	0.13	0.030	0.093	—	1000
MN24-10RX	11321	26-24	10	0.25	0.28	0.69	0.56	0.020	0.13	0.030	0.093	100	500
MN24-10RK		26-24	10	0.25	0.28	0.69	0.56	0.020	0.13	0.030	0.093	—	1000



Stud Size
Wire Range

MN24-2R
2
26-24

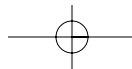
MN24-4R
4
26-24

MN24-6R
6
26-24

MN24-8R
8
26-24

MN24-10R
10
26-24

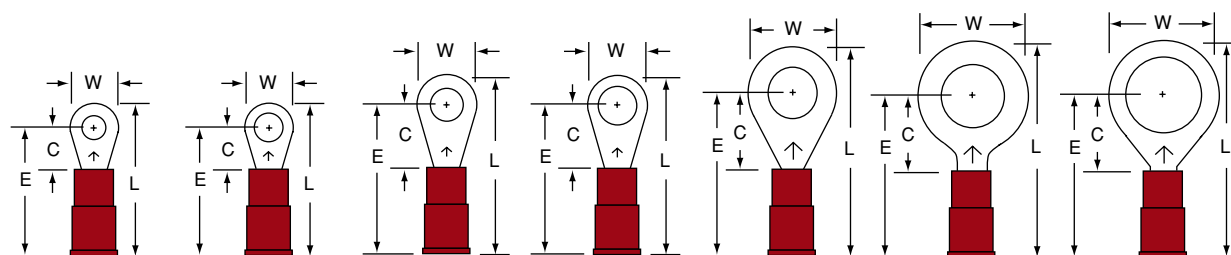
¹Product Number ending in X = box; Product Number ending with K = bulk



3M™ Ring Tongues – Nylon Insulated with Insulation Grip 22-18 AWG

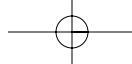


Product Number ¹	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
												Carton	Case
MNG18-4RSX	49595	22-18	4	0.25	0.22	0.79	0.66	0.030	0.25	0.070	0.145	100	500
MNG18-4RSK	01062	22-18	4	0.25	0.22	0.79	0.66	0.030	0.25	0.070	0.145	—	1000
MNG18-6R/SX	21791	22-18	6	0.25	0.22	0.79	0.66	0.030	0.25	0.070	0.145	100	500
MNG18-6R/SK	16163	22-18	6	0.25	0.22	0.79	0.66	0.030	0.25	0.070	0.145	—	1000
MNG18-8R/LX	21809	22-18	8	0.31	0.33	0.92	0.77	0.030	0.25	0.070	0.145	100	500
MNG18-8R/LK	01069	22-18	8	0.31	0.33	0.92	0.77	0.030	0.25	0.070	0.145	—	1000
MNG18-10R/LX	21817	22-18	10	0.31	0.33	0.92	0.77	0.030	0.25	0.070	0.145	100	500
MNG18-10R/LK	01071	22-18	10	0.31	0.33	0.92	0.77	0.030	0.25	0.070	0.145	—	1000
MNG18-14R/SX	49596	22-18	1/4	0.47	0.40	1.07	0.84	0.030	0.25	0.070	0.145	100	500
MNG18-14R/SK	01072	22-18	1/4	0.47	0.40	1.07	0.84	0.030	0.25	0.070	0.145	—	1000
MNG18-516R/SX	49597	22-18	5/16	0.47	0.40	1.07	0.84	0.030	0.25	0.070	0.145	100	500
MNG18-516R/SK	01074	22-18	5/16	0.47	0.40	1.07	0.84	0.030	0.25	0.070	0.145	—	1000
MNG18-38RX	49598	22-18	3/8	0.56	0.40	1.12	0.84	0.030	0.25	0.070	0.145	100	500
MNG18-38RK	01076	22-18	3/8	0.56	0.40	1.12	0.84	0.030	0.25	0.070	0.145	—	1000



	MNG18-4R/S	MNG18-6R/S	MNG18-8R/L	MNG18-10R/L	MNG18-14R/S	MNG18-516R/S	MNG18-38R
Stud Size	4	6	8	10	1/4	5/16	3/8
Wire Range	22-18	22-18	22-18	22-18	22-18	22-18	22-18

¹Product Number ending in X = box; Product Number ending with K = bulk



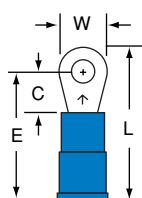
3M

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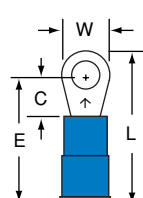
3M™ Ring Tongues – Nylon Insulated with Insulation Grip 16-14 AWG



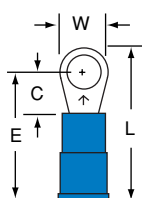
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per Carton	Case
MNG14-4R/SX	49616	16-14	4	0.25	0.22	0.81	0.68	0.030	0.25	0.090	0.170	100	500
MNG14-4R/SK	01428	16-14	4	0.25	0.22	0.81	0.68	0.030	0.25	0.090	0.170	—	1000
MNG14-6R/SX	22468	16-14	6	0.25	0.22	0.81	0.68	0.030	0.25	0.090	0.170	100	500
MNG14-6R/SK	01430	16-14	6	0.25	0.22	0.81	0.68	0.030	0.25	0.090	0.170	—	1000
MNG14-8R/SX	49617	16-14	8	0.25	0.22	0.81	0.68	0.030	0.25	0.090	0.170	100	500
MNG14-8R/SK	01433	16-14	8	0.25	0.22	0.81	0.68	0.030	0.25	0.090	0.170	—	1000
MNG14-8RX	49618	16-14	8	0.33	0.29	0.91	0.75	0.030	0.25	0.090	0.170	100	500
MNG14-8RK	01434	16-14	8	0.33	0.29	0.91	0.75	0.030	0.25	0.090	0.170	—	1000
MNG14-8R/LX	22476	16-14	8	0.31	0.33	0.94	0.79	0.030	0.25	0.090	0.170	100	500
MNG14-8R/LK	01435	16-14	8	0.31	0.33	0.94	0.79	0.030	0.25	0.090	0.170	—	1000
MNG14-10RX	49619	16-14	10	0.33	0.29	0.91	0.75	0.030	0.25	0.090	0.170	100	500
MNG14-10RK	14150	16-14	10	0.33	0.29	0.91	0.75	0.030	0.25	0.090	0.170	—	1000
MNG14-10R/LX	22484	16-14	10	0.31	0.33	0.94	0.79	0.030	0.25	0.090	0.170	100	500
MNG14-10R/LK	01437	16-14	10	0.31	0.33	0.94	0.79	0.030	0.25	0.090	0.170	—	1000
MNG14-14R/SX	22492	16-14	1/4	0.47	0.40	1.09	0.86	0.030	0.25	0.090	0.170	100	500
MNG14-14R/SK	01438	16-14	1/4	0.47	0.40	1.09	0.86	0.030	0.25	0.090	0.170	—	1000
MNG14-516R/SX	49620	16-14	5/16	0.47	0.40	1.09	0.86	0.030	0.25	0.090	0.170	100	500
MNG14-516R/SK	01440	16-14	5/16	0.47	0.40	1.09	0.86	0.030	0.25	0.090	0.170	—	1000
MNG14-38RX	49621	16-14	3/8	0.56	0.40	1.14	0.86	0.030	0.25	0.090	0.170	100	500
MNG14-38RK	01442	16-14	3/8	0.56	0.40	1.14	0.86	0.030	0.25	0.090	0.170	—	1000



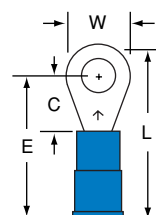
MNG14-4R/S
Stud Size
Wire Range
4
16-14



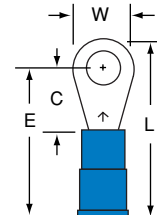
MNG14-6R/S
Stud Size
Wire Range
6
16-14



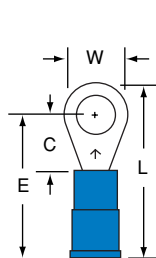
MNG14-8R/S
Stud Size
Wire Range
8
16-14



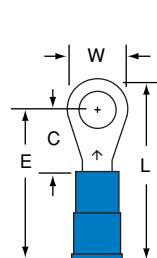
MNG14-8R
Stud Size
Wire Range
8
16-14



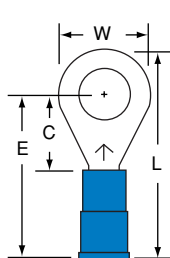
MNG14-8R/L
Stud Size
Wire Range
8
16-14



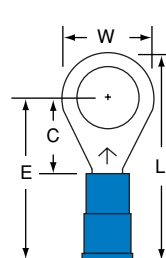
MNG14-10R
Stud Size
Wire Range
10
16-14



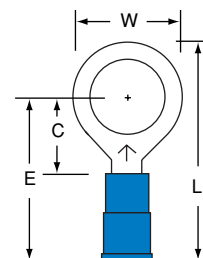
MNG14-10R/L
Stud Size
Wire Range
10
16-14



MNG14-14R/S
Stud Size
Wire Range
1/4
16-14

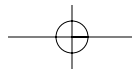


MNG14-516R/S
Stud Size
Wire Range
5/16
16-14



MNG14-38R
Stud Size
Wire Range
3/8
16-14

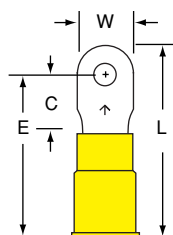
[†]Product Number ending in X = box; Product Number ending with K = bulk



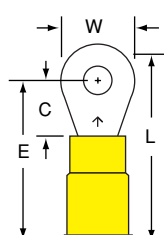
3M™ Ring Tongues – Nylon Insulated with Insulation Grip 12-10 AWG



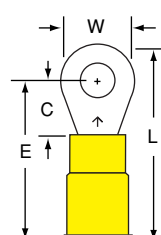
Product Number ¹	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
												Carton	Case
MNG10-4R/SK	01932	12-10	4	0.28	0.29	0.98	0.84	0.040	0.25	0.135	0.250	—	500
MNG10-6RX	23425	12-10	6	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	50	500
MNG10-6RK	01934	12-10	6	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	—	500
MNG10-8RX	23433	12-10	8	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	50	500
MNG10-8RK	01936	12-10	8	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	—	500
MNG10-10RX	23441	12-10	10	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	50	500
MNG10-10RK	01937	12-10	10	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	—	500
MNG10-14R/SX	23458	12-10	1/4	0.53	0.44	1.26	0.99	0.040	0.25	0.135	0.250	50	500
MNG10-14R/SK	01938	12-10	1/4	0.53	0.44	1.26	0.99	0.040	0.25	0.135	0.250	—	500
MNG10-516R/SX	49640	12-10	5/16	0.53	0.44	1.26	0.99	0.040	0.25	0.135	0.250	50	500
MNG10-516R/SK	01940	12-10	5/16	0.53	0.44	1.26	0.99	0.040	0.25	0.135	0.250	—	500
MNG10-38R/SX	49641	12-10	3/8	0.54	0.44	1.26	0.99	0.040	0.25	0.135	0.250	50	500
MNG10-38R/SK	01942	12-10	3/8	0.54	0.44	1.26	0.99	0.040	0.25	0.135	0.250	—	500



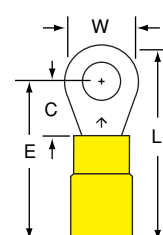
MNG10-4R/S
Stud Size
4
Wire Range
12-10



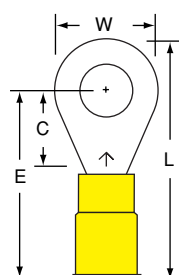
MNG10-6R
Stud Size
6
Wire Range
12-10



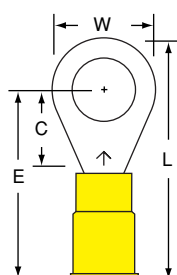
MNG10-8R
Stud Size
8
Wire Range
12-10



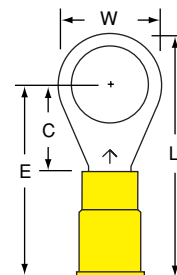
MNG10-10R
Stud Size
10
Wire Range
12-10



MNG10-14R/S
Stud Size
1/4
Wire Range
12-10

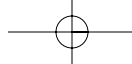


MNG10-516R/S
Stud Size
5/16
Wire Range
12-10



MNG10-38R/S
Stud Size
3/8
Wire Range
12-10

¹Product Number ending in X = box; Product Number ending with K = bulk



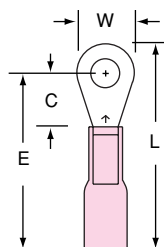
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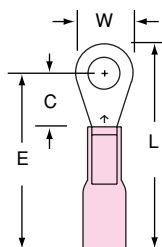
3M™ Ring Tongues – Heat Shrink Brazed Seam 22-18 AWG



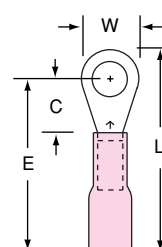
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per:	
											Bag	Case
MH18-6R/LX	06344	22-18	6	0.31	0.15	1.00	0.84	0.030	0.25	0.070	25	100
MH18-6R/LK	06345	22-18	6	0.31	0.15	1.00	0.84	0.030	0.25	0.070	—	250
MH18-8R/LX	06348	22-18	8	0.31	0.18	1.00	0.84	0.030	0.25	0.070	25	100
MH18-8R/LK	06349	22-18	8	0.31	0.18	1.00	0.84	0.030	0.25	0.070	—	250
MH18-10R/LX	06350	22-18	10	0.31	0.20	1.00	0.84	0.030	0.25	0.070	25	100
MH18-10R/LK	06351	22-18	10	0.31	0.20	1.00	0.84	0.030	0.25	0.070	—	250



MH18-6R/L
6
22-18



MH18-8R/L
8
22-18



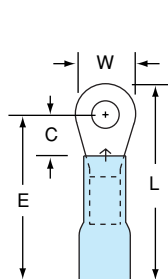
MH18-10R/L
10
22-18

Stud Size
Wire Range

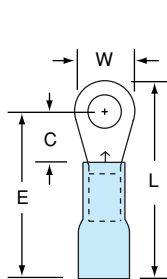
3M Ring Tongues – Heat Shrink Brazed Seam 16-14 AWG



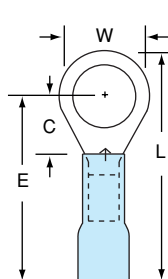
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per:	
											Bag	Case
MH14-6R/LX	06320	16-14	6	0.31	0.15	1.00	0.84	0.030	0.25	0.090	25	100
MH14-6R/LK	06321	16-14	6	0.31	0.15	1.00	0.84	0.030	0.25	0.090	—	250
MH14-8R/LX	06324	16-14	8	0.31	0.18	1.00	0.84	0.030	0.25	0.090	25	100
MH14-8R/LK	06325	16-14	8	0.31	0.18	1.00	0.84	0.030	0.25	0.090	—	250
MH14-10R/LX	06326	16-14	10	0.31	0.20	1.00	0.84	0.030	0.25	0.090	25	100
MH14-10R/LK	06327	16-14	10	0.31	0.20	1.00	0.84	0.030	0.25	0.090	—	250
MH14-14R/SX	06330	16-14	1/4	0.47	0.26	1.1	0.86	0.030	0.25	0.090	25	100
MH14-14R/SK	06331	16-14	1/4	0.47	0.26	1.1	0.86	0.030	0.25	0.090	—	250
MH14-516R/SX	06336	16-14	5/16	0.47	0.33	1.1	0.86	0.030	0.25	0.090	25	100
MH14-516R/SK	06337	16-14	5/16	0.47	0.33	1.1	0.86	0.030	0.25	0.090	—	250
MH14-38RX	06334	16-14	3/8	0.56	0.28	1.1	0.87	0.030	0.25	0.090	25	100
MH14-38RK	06335	16-14	3/8	0.56	0.28	1.1	0.87	0.030	0.25	0.090	—	250



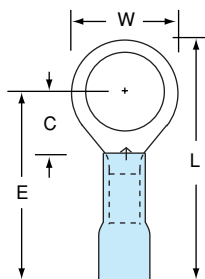
MH14-6R/L



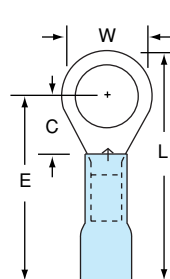
MH14-8R/L



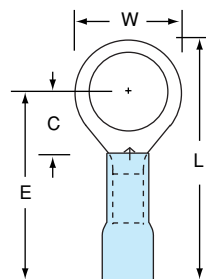
MH14-10R/L



MH14-14R/S



MH14-516R/S



MH14-38R

Stud Size
Wire Range

6
16-14

8
16-14

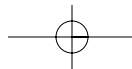
10
16-14

1/4
16-14

5/16
16-14

3/8
16-14

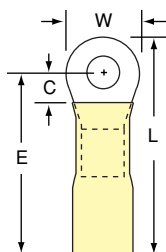
[†]Product Number ending in X = box; Product Number ending with K = bulk



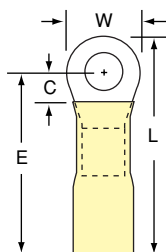
3M™ Ring Tongues – Heat Shrink Braze Seam 12-10



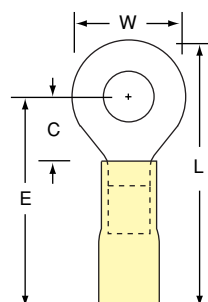
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per:	
											Bag	Case
MH10-8RX	06302	12-10	8	0.38	0.19	1.1	0.91	0.040	0.25	0.135	25	100
MH10-8RK	06303	12-10	8	0.38	0.19	1.1	0.91	0.040	0.25	0.135	—	250
MH10-10RX	06305	12-10	10	0.38	0.21	1.1	0.91	0.040	0.25	0.135	25	100
MH10-10RK	06306	12-10	10	0.38	0.21	1.1	0.91	0.040	0.25	0.135	—	250
MH10-14RX	06309	12-10	1/4	0.59	0.29	1.2	0.90	0.040	0.25	0.135	25	100
MH10-14RK	06359	12-10	1/4	0.59	0.29	1.2	0.90	0.040	0.25	0.135	—	250
MH10-38RX	06312	12-10	3/8	0.59	0.29	1.2	0.90	0.040	0.25	0.135	25	100
MH10-38RK	06313	12-10	3/8	0.59	0.29	1.2	0.90	0.040	0.25	0.135	—	250



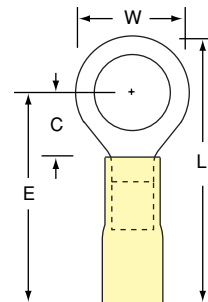
MH10-8R
8
12-10



MH10-10R
10
12-10



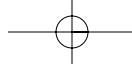
MH10-14R
1/4
12-10



MH10-38R
3/8
12-10

Stud Size
Wire Range

[†]Product Number ending in X = box; Product Number ending with K = bulk



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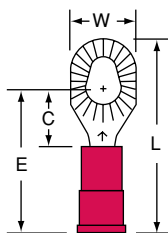
Fax 800/245 0329

Phone 800/245 3573

3M™ Multi-Stud Ring Tongues – Vinyl Insulated Brazen Seam

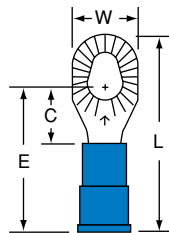


Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per: Carton Case	
MV18-610RX	14093	22-18	6/8/10	0.34	0.31	1.01	0.76	0.030	0.25	0.070	0.145	100	500
MV18-610RK	01342	22-18	6/8/10	0.34	0.31	1.01	0.76	0.030	0.25	0.070	0.145	—	1000
MV14-610RX	14119	16-14	6/8/10	0.34	0.31	1.01	0.76	0.030	0.25	0.090	0.170	100	500
MV14-610RK	01851	16-14	6/8/10	0.34	0.31	1.01	0.76	0.030	0.25	0.090	0.170	—	1000
MV10-610RX	14127	12-10	6/8/10	0.39	0.35	1.19	0.80	0.040	0.25	0.135	0.250	50	500
MV10-610RK	02099	12-10	6/8/10	0.39	0.35	1.19	0.80	0.040	0.25	0.135	0.250	—	500

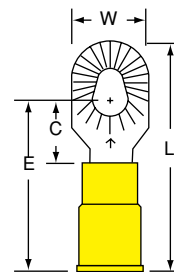


MV18-610R
6/8/10
22-18

Stud Size
Wire Range



MV14-610R
6/8/10
16-14

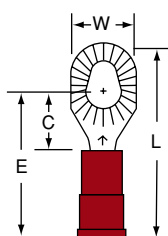


MV10-610R
6/8/10
12-10

3M Multi-Stud Ring Tongues – Nylon Insulated with Insulation Grip

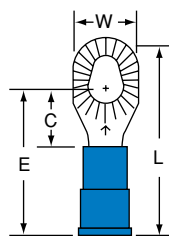


Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per: Carton Case	
MNG18-610RX	49611	22-18	6/8/10	0.34	0.31	1.00	0.75	0.030	0.25	0.070	0.145	100	500
MNG18-610RK	01344	22-18	6/8/10	0.34	0.31	1.00	0.75	0.030	0.25	0.070	0.145	—	1000
MNG14-610RX	49636	16-14	6/8/10	0.34	0.31	1.02	0.77	0.030	0.25	0.090	0.170	100	500
MNG14-610RK	01853	16-14	6/8/10	0.34	0.31	1.02	0.77	0.030	0.25	0.090	0.170	—	1000
MNG10-610RX	49646	12-10	6/8/10	0.39	0.35	1.19	0.80	0.040	0.25	0.135	0.250	50	100
MNG10-610RK	02100	12-10	6/8/10	0.39	0.35	1.19	0.80	0.040	0.25	0.135	0.250	—	500

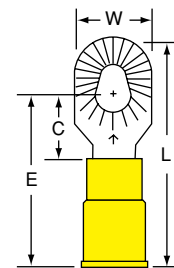


MNG18-610R
6/8/10
22-18

Stud Size
Wire Range

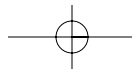


MNG14-610R
6/8/10
16-14



MNG10-610R
6/8/10
12-10

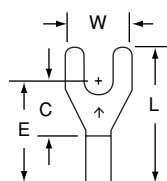
[†]Product Number ending in X = box; Product Number ending with K = bulk



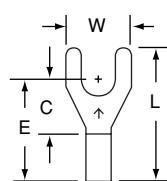
3M™ Standard Forks – Non-Insulated Brazed Seam



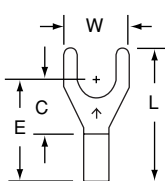
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per:	
											Carton	Case
M18-6FX	21858	22-18	6	0.34	0.29	0.70	0.54	0.030	0.25	0.070	100	500
M18-6FK	01150	22-18	6	0.34	0.29	0.70	0.54	0.030	0.25	0.070	—	1000
M18-8FX	21866	22-18	8	0.34	0.29	0.70	0.54	0.030	0.25	0.070	100	500
M18-8FK	01152	22-18	8	0.34	0.29	0.70	0.54	0.030	0.25	0.070	—	1000
M18-10FX	49599	22-18	10	0.34	0.29	0.70	0.54	0.030	0.25	0.070	100	500
M18-10FK	01154	22-18	10	0.34	0.29	0.70	0.54	0.030	0.25	0.070	—	1000
M14-6FX	49622	16-14	6	0.34	0.29	0.70	0.54	0.030	0.25	0.090	100	500
M14-6FK	01516	16-14	6	0.34	0.29	0.70	0.54	0.030	0.25	0.090	—	1000
M14-8FX	22534	16-14	8	0.34	0.29	0.70	0.54	0.030	0.25	0.090	100	500
M14-8FK	01518	16-14	8	0.34	0.29	0.70	0.54	0.030	0.25	0.090	—	1000
M14-10FX	22542	16-14	10	0.34	0.29	0.70	0.54	0.030	0.25	0.090	100	500
M14-10FK	01520	16-14	10	0.34	0.29	0.70	0.54	0.030	0.25	0.090	—	1000
M10-6FK	01972	12-10	6	0.38	0.29	0.73	0.54	0.040	0.25	0.135	—	500
M10-8FX	23581	12-10	8	0.38	0.29	0.73	0.54	0.040	0.25	0.135	50	500
M10-8FK	01973	12-10	8	0.38	0.29	0.73	0.54	0.040	0.25	0.135	—	500
M10-10FX	23599	12-10	10	0.38	0.29	0.73	0.54	0.040	0.25	0.135	50	500
M10-10FK	01974	12-10	10	0.38	0.29	0.73	0.54	0.040	0.25	0.135	—	500



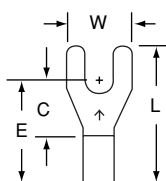
M18-6F
Stud Size
6
Wire Range
22-18



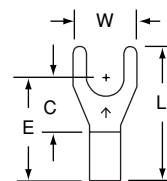
M18-8F
Stud Size
8
Wire Range
22-18



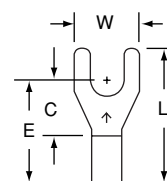
M18-10F
Stud Size
10
Wire Range
22-18



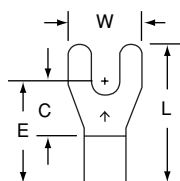
M14-6F
Stud Size
6
Wire Range
16-14



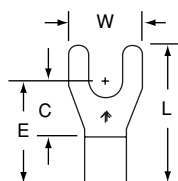
M14-8F
Stud Size
8
Wire Range
16-14



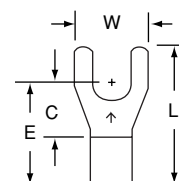
M14-10F
Stud Size
10
Wire Range
16-14



M10-6F
Stud Size
6
Wire Range
12-10

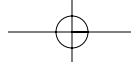


M10-8F
Stud Size
8
Wire Range
12-10



M10-10F
Stud Size
10
Wire Range
12-10

[†]Product Number ending in X = box; Product Number ending with K = bulk



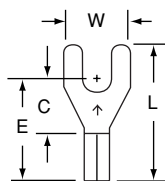
3M

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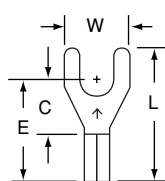
3M™ Standard Forks – Non-Insulated Butted Seam



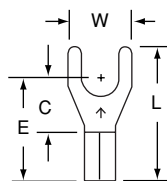
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per Case
MU18-6FK	01144	22-18	6	0.34	0.29	0.70	0.54	0.030	0.25	0.070	1000
MU18-8FK	01146	22-18	8	0.34	0.29	0.70	0.54	0.030	0.25	0.070	1000
MU14-8FK	01512	16-14	8	0.34	0.29	0.70	0.54	0.030	0.25	0.090	1000
MU14-10FK	01514	16-14	10	0.34	0.29	0.70	0.54	0.030	0.25	0.090	1000
MU10-8FK	01970	12-10	8	0.38	0.29	0.73	0.54	0.040	0.25	0.135	500
MU10-10FK	01971	12-10	10	0.38	0.29	0.73	0.54	0.040	0.25	0.135	500



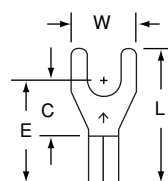
MU18-6F
Stud Size
6
Wire Range
22-18



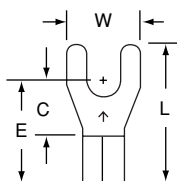
MU18-8F
Stud Size
8
Wire Range
22-18



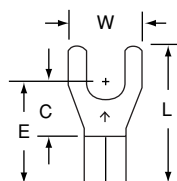
MU14-8F
Stud Size
8
Wire Range
16-14



MU14-10F
Stud Size
10
Wire Range
16-14



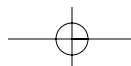
MU10-8F
Stud Size
8
Wire Range
12-10



MU10-10F
Stud Size
10
Wire Range
12-10



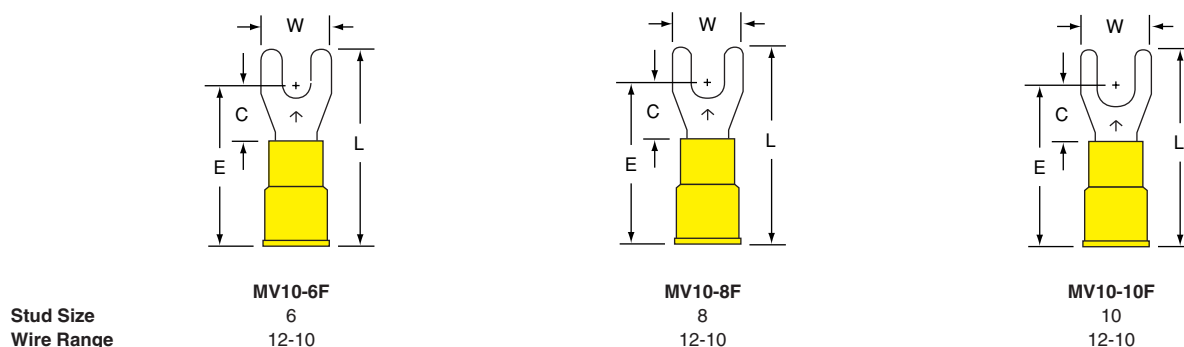
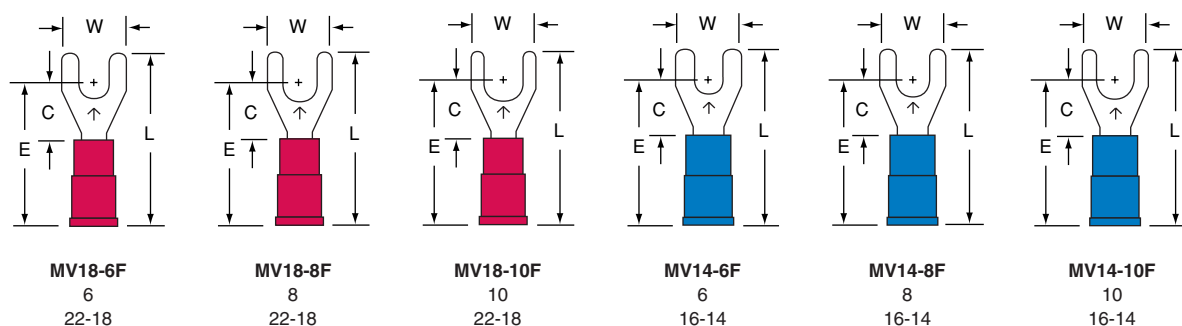
[†]Product Number ending in X = box; Product Number ending with K = bulk



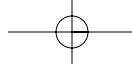
3M™ Standard Forks – Vinyl Insulated Brazed Seam



Product Number ¹	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
												Carton	Case
MV18-6FX	21882	22-18	6	0.34	0.29	0.90	0.74	0.030	0.25	0.070	0.145	100	500
MV18-6FK	01162	22-18	6	0.34	0.29	0.90	0.74	0.030	0.25	0.070	0.145	—	1000
MV18-8FX	21890	22-18	8	0.34	0.29	0.90	0.74	0.030	0.25	0.070	0.145	100	500
MV18-8FK	01164	22-18	8	0.34	0.29	0.90	0.74	0.030	0.25	0.070	0.145	—	1000
MV18-10FX	21908	22-18	10	0.34	0.29	0.90	0.74	0.030	0.25	0.070	0.145	100	500
MV18-10FK	01166	22-18	10	0.34	0.29	0.90	0.74	0.030	0.25	0.070	0.145	—	1000
MV14-6FX	22559	16-14	6	0.34	0.29	0.90	0.74	0.030	0.25	0.090	0.170	100	500
MV14-6FK	01528	16-14	6	0.34	0.29	0.90	0.74	0.030	0.25	0.090	0.170	—	1000
MV14-8FX	22567	16-14	8	0.34	0.29	0.90	0.74	0.030	0.25	0.090	0.170	100	500
MV14-8FK	01530	16-14	8	0.34	0.29	0.90	0.74	0.030	0.25	0.090	0.170	—	1000
MV14-10FX	22575	16-14	10	0.34	0.29	0.90	0.74	0.030	0.25	0.090	0.170	100	500
MV14-10FK	01532	16-14	10	0.34	0.29	0.90	0.74	0.030	0.25	0.090	0.170	—	1000
MV10-6FX	23607	12-10	6	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	50	500
MV10-6FK	01978	12-10	6	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	—	500
MV10-8FX	23615	12-10	8	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	50	500
MV10-8FK	01979	12-10	8	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	—	500
MV10-10FX	23623	12-10	10	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	50	500
MV10-10FK	01980	12-10	10	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	—	500



¹Product Number ending in X = box; Product Number ending with K = bulk



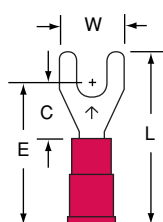
3M

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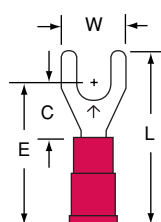
3M™ Standard Forks – Vinyl Insulated Butted Seam



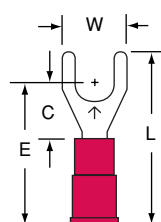
Product Number ¹	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per Case
MVU18-6FK	01174	22-18	6	0.34	0.29	0.90	0.74	0.030	0.25	0.070	0.145	1000
MVU18-8FK	01176	22-18	8	0.34	0.29	0.90	0.74	0.030	0.25	0.070	0.145	1000
MVU18-10FK	01178	22-18	10	0.34	0.29	0.90	0.74	0.030	0.25	0.070	0.145	1000
MVU14-6FK	01540	16-14	6	0.34	0.29	0.90	0.74	0.030	0.25	0.090	0.170	1000
MVU14-8FK	01542	16-14	8	0.34	0.29	0.90	0.74	0.030	0.25	0.090	0.170	1000
MVU14-10FK	01544	16-14	10	0.34	0.29	0.90	0.74	0.030	0.25	0.090	0.170	1000
MVU10-6FK	01984	12-10	6	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	500
MVU10-8FK	01985	12-10	8	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	500
MVU10-10FK	01986	12-10	10	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	500



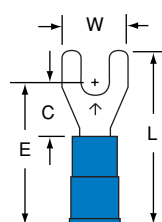
MVU18-6F
Stud Size 6
Wire Range 22-18



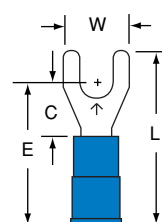
MVU18-8F
Stud Size 8
Wire Range 22-18



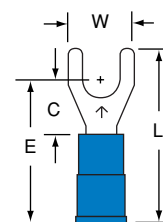
MVU18-10F
Stud Size 10
Wire Range 22-18



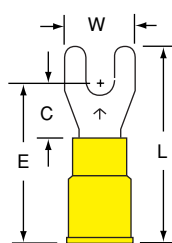
MVU14-6F
Stud Size 6
Wire Range 16-14



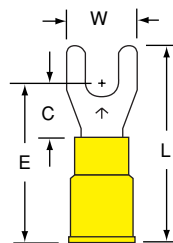
MVU14-8F
Stud Size 8
Wire Range 16-14



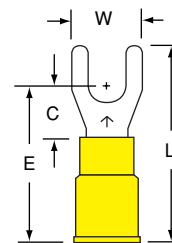
MVU14-10F
Stud Size 10
Wire Range 16-14



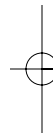
MVU10-6F
Stud Size 6
Wire Range 12-10



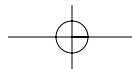
MVU10-8F
Stud Size 8
Wire Range 12-10



MVU10-10F
Stud Size 10
Wire Range 12-10



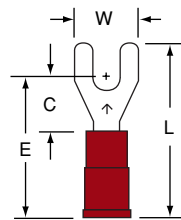
¹Product Number ending in X = box; Product Number ending with K = bulk



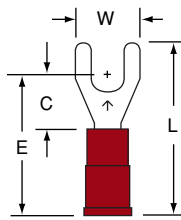
3M™ Standard Forks – Nylon Insulated with Insulation Grip



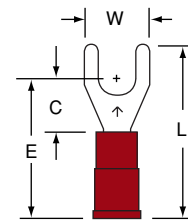
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
												Carton	Case
MNG18-6FX	21916	22-18	6	0.34	0.29	0.89	0.73	0.030	0.25	0.070	0.145	100	500
MNG18-6FK	01168	22-18	6	0.34	0.29	0.89	0.73	0.030	0.25	0.070	0.145	—	1000
MNG18-8FX	21924	22-18	8	0.34	0.29	0.89	0.73	0.030	0.25	0.070	0.145	100	500
MNG18-8FK	01170	22-18	8	0.34	0.29	0.89	0.73	0.030	0.25	0.070	0.145	—	1000
MNG18-10FK	01172	22-18	10	0.34	0.29	0.89	0.73	0.030	0.25	0.070	0.145	—	1000
MNG14-6FX	22583	16-14	6	0.34	0.29	0.91	0.75	0.030	0.25	0.090	0.170	100	500
MNG14-6FK	01534	16-14	6	0.34	0.29	0.91	0.75	0.030	0.25	0.090	0.170	—	1000
MNG14-8FX	22591	16-14	8	0.34	0.29	0.91	0.75	0.030	0.25	0.090	0.170	100	500
MNG14-8FK	01536	16-14	8	0.34	0.29	0.91	0.75	0.030	0.25	0.090	0.170	—	1000
MNG14-10FX	22609	16-14	10	0.34	0.29	0.91	0.75	0.030	0.25	0.090	0.170	100	500
MNG14-10FK	01538	16-14	10	0.34	0.29	0.91	0.75	0.030	0.25	0.090	0.170	—	1000
MNG10-6FK	01981	12-10	6	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	—	500
MNG10-8FX	23649	12-10	8	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	50	500
MNG10-8FK	01982	12-10	8	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	—	500
MNG10-10FX	23656	12-10	10	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	50	500
MNG10-10FK	01983	12-10	10	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250	—	500



MNG18-6F
6
22-18

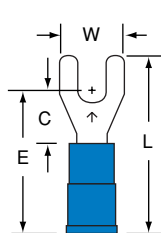


MNG18-8F
8
22-18

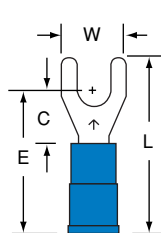


MNG18-10F
10
22-18

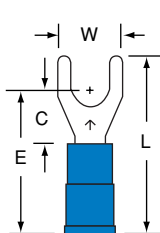
Stud Size
Wire Range



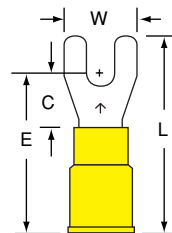
MNG14-6F
6
16-14



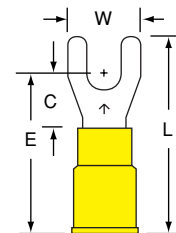
MNG14-8F
8
16-14



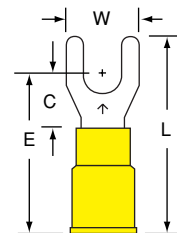
MNG14-10F
10
16-14



MNG10-6F
6
12-10



MNG10-8F
8
12-10



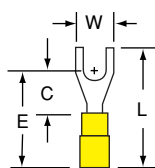
MNG10-10F
10
12-10

Stud Size
Wire Range

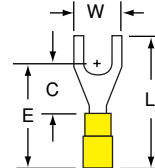
3M™ Standard Forks – Nylon Insulated

Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
												Carton	Case
MN24-4FX*	95166	26-24	4	0.20	0.21	0.61	0.49	0.020	0.14	0.030	0.093	100	500
MN24-4FK*	95165	26-24	4	0.20	0.21	0.61	0.49	0.020	0.14	0.030	0.093	—	1000
MN24-6FX*	95172	26-24	6	0.25	0.28	0.69	0.56	0.020	0.13	0.030	0.093	100	500
MN24-6FK*	95171	26-24	6	0.25	0.28	0.69	0.56	0.020	0.13	0.030	0.093	—	1000

* Not UL Listed or CSA Certified



MN24-4F
4
26-24



MN24-6F
6
26-24

Stud Size
Wire Range

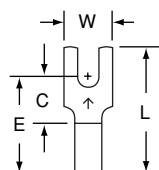
[†]Product Number ending in X = box; Product Number ending with K = bulk

3M

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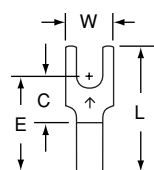
3M™ Block Forks – Non-Insulated Brazed Seam 22-18 AWG

Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per:	
											Carton	Case
M18-4FB/SK	02248	22-18	4	0.25	0.25	0.65	0.50	0.030	0.25	0.070	—	1000
M18-6FB/SX	49600	22-18	6	0.25	0.25	0.65	0.50	0.030	0.25	0.070	100	500
M18-6FB/SK	01202	22-18	6	0.25	0.25	0.65	0.50	0.030	0.25	0.070	—	1000
M18-6FBX	21940	22-18	6	0.30	0.25	0.65	0.50	0.030	0.25	0.070	100	500
M18-6FBK	01203	22-18	6	0.30	0.25	0.65	0.50	0.030	0.25	0.070	—	1000
M18-8FBX	21957	22-18	8	0.30	0.25	0.65	0.50	0.030	0.25	0.070	100	500
M18-8FBK	01204	22-18	8	0.30	0.25	0.65	0.50	0.030	0.25	0.070	—	1000
M18-10FBX	49601	22-18	10	0.30	0.25	0.65	0.50	0.030	0.25	0.070	100	500
M18-10FBK	01205	22-18	10	0.30	0.25	0.65	0.50	0.030	0.25	0.070	—	1000

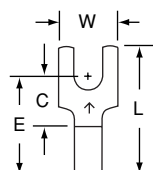
**M18-4FB/S**

Stud Size
Wire Range

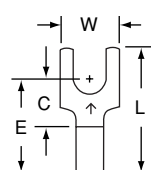
4
22-18

**M18-6FB/S**

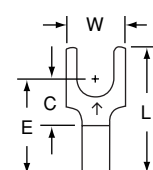
6
22-18

**M18-6FB**

6
22-18

**M18-8FB**

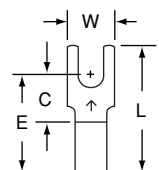
8
22-18

**M18-10FB**

10
22-18

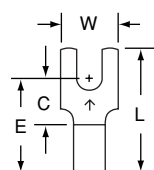
3M Block Forks – Non-Insulated Brazed Seam 16-14 AWG

Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per:	
											Carton	Case
M14-6FB/SX	49623	16-14	6	0.25	0.25	0.65	0.50	0.030	0.25	0.090	100	500
M14-6FB/SK	01568	16-14	6	0.25	0.25	0.65	0.50	0.030	0.25	0.090	—	1000
M14-6FBX	22617	16-14	6	0.30	0.25	0.65	0.50	0.030	0.25	0.090	100	500
M14-6FBK	01569	16-14	6	0.30	0.25	0.65	0.50	0.030	0.25	0.090	—	1000
M14-8FBX	22625	16-14	8	0.30	0.25	0.65	0.50	0.030	0.25	0.090	100	500
M14-8FBK	01570	16-14	8	0.30	0.25	0.65	0.50	0.030	0.25	0.090	—	1000
M14-10FBX	22633	16-14	10	0.30	0.25	0.65	0.50	0.030	0.25	0.090	100	500
M14-10FBK	01571	16-14	10	0.30	0.25	0.65	0.50	0.030	0.25	0.090	—	1000

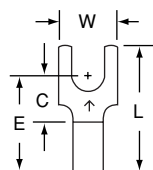
**M14-6FB/S**

Stud Size
Wire Range

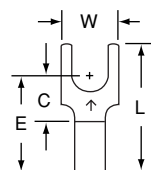
6
16-14

**M14-6FB**

6
16-14

**M14-8FB**

8
16-14

**M14-10FB**

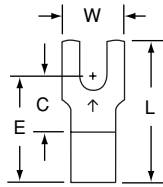
10
16-14

[†]Product Number ending in X = box; Product Number ending with K = bulk

3M™ Block Forks – Non-Insulated Brazed Seam 12-10 AWG

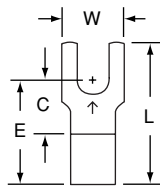


Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per: Carton Case	
M10-6FBK	02008	12-10	6	0.32	0.29	0.73	0.54	0.040	0.25	0.135	—	500
M10-8FBX	23672	12-10	8	0.32	0.29	0.73	0.54	0.040	0.25	0.135	50	500
M10-8FBK	02009	12-10	8	0.32	0.29	0.73	0.54	0.040	0.25	0.135	—	500
M10-10FBX	23680	12-10	10	0.32	0.29	0.73	0.54	0.040	0.25	0.135	50	500
M10-10FBK	02010	12-10	10	0.32	0.29	0.73	0.54	0.040	0.25	0.135	—	500

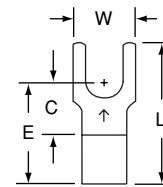


M10-6FB
6
12-10

Stud Size
Wire Range



M10-8FB
8
12-10

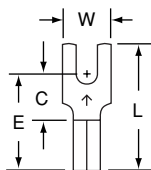


M10-10FB
10
12-10

3M Block Forks – Non-Insulated Butted Seam 22-18 AWG

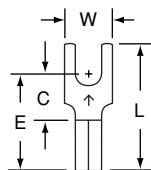


Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per Case	
MU18-4FB/SK	02263	22-18	4	0.25	0.25	0.65	0.50	0.030	0.25	0.070	1000	
MU18-6FB/SK	01198	22-18	6	0.25	0.25	0.65	0.50	0.030	0.25	0.070	1000	
MU18-6FBK	01199	22-18	6	0.30	0.25	0.65	0.50	0.030	0.25	0.070	1000	
MU18-8FBK	01200	22-18	8	0.30	0.25	0.65	0.50	0.030	0.25	0.070	1000	
MU18-10FBK	01201	22-18	10	0.30	0.25	0.65	0.50	0.030	0.25	0.070	1000	

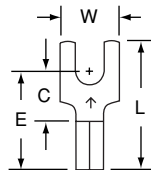


MU18-4FB/S
4
22-18

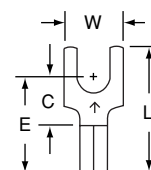
Stud Size
Wire Range



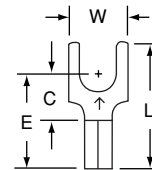
MU18-6FB/S
6
22-18



MU18-6FB
6
22-18



MU18-8FB
8
22-18

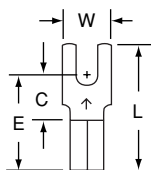


MU18-10FB
10
22-18

3M Block Forks – Non-Insulated Butted Seam 16-14 AWG

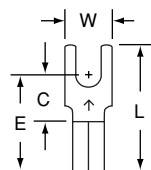


Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per Case	
MU14-4FB/SK	02264	16-14	4	0.25	0.25	0.65	0.50	0.030	0.25	0.090	1000	
MU14-6FB/SK	01564	16-14	6	0.25	0.25	0.65	0.50	0.030	0.25	0.090	1000	
MU14-6FBK	01565	16-14	6	0.30	0.25	0.65	0.50	0.030	0.25	0.090	1000	
MU14-8FBK	01566	16-14	8	0.30	0.25	0.65	0.50	0.030	0.25	0.090	1000	
MU14-10FBK	01567	16-14	10	0.30	0.25	0.65	0.50	0.030	0.25	0.090	1000	

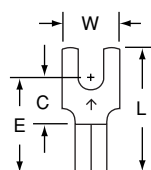


MU14-4FB/S
4
16-14

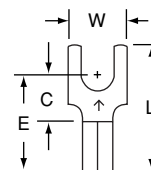
Stud Size
Wire Range



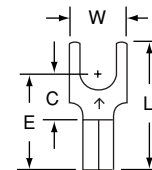
MU14-6FB/S
6
16-14



MU14-6FB
6
16-14



MU14-8FB
8
16-14

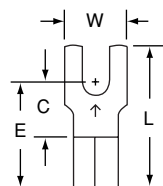


MU14-10FB
10
16-14

[†]Product Number ending in X = box; Product Number ending with K = bulk

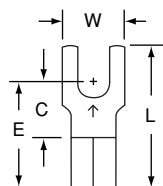
3M™ Block Forks – Non-Insulated Butted Seam 12-10 AWG

Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per Case
MU10-6FBK	02005	12-10	6	0.32	0.29	0.73	0.54	0.040	0.25	0.135	500
MU10-8FBK	02006	12-10	8	0.32	0.29	0.73	0.54	0.040	0.25	0.135	500
MU10-10FBK	02007	12-10	10	0.32	0.29	0.73	0.54	0.040	0.25	0.135	500

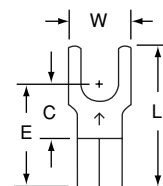
**MU10-6FB**

Stud Size
Wire Range

6
12-10

**MU10-8FB**

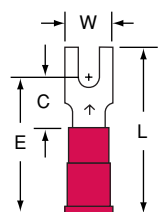
8
12-10

**MU10-10FB**

10
12-10

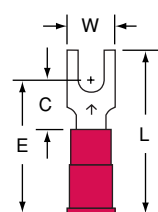
3M Block Forks – Vinyl Insulated Braze Seam 22-18 AWG

Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per Carton	Case
MV18-4FB/SK	02279	22-18	4	0.25	0.25	0.85	0.70	0.030	0.25	0.070	0.145	—	1000
MV18-6FB/SX	49602	22-18	6	0.25	0.25	0.85	0.70	0.030	0.25	0.070	0.145	100	500
MV18-6FB/SK	01210	22-18	6	0.25	0.25	0.85	0.70	0.030	0.25	0.070	0.145	—	1000
MV18-6FBX	21973	22-18	6	0.30	0.25	0.85	0.70	0.030	0.25	0.070	0.145	100	500
MV18-6FBK	01211	22-18	6	0.30	0.25	0.85	0.70	0.030	0.25	0.070	0.145	—	1000
MV18-8FBX	21999	22-18	8	0.30	0.25	0.85	0.70	0.030	0.25	0.070	0.145	100	500
MV18-8FBK	01212	22-18	8	0.30	0.25	0.85	0.70	0.030	0.25	0.070	0.145	—	1000
MV18-10FBX	22005	22-18	10	0.30	0.25	0.85	0.70	0.030	0.25	0.070	0.145	100	500
MV18-10FBK	01213	22-18	10	0.30	0.25	0.85	0.70	0.030	0.25	0.070	0.145	—	1000

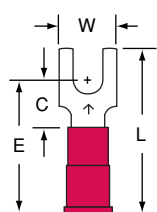
**MV18-4FB/S**

Stud Size
Wire Range

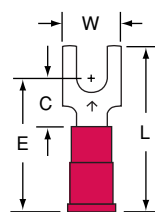
4
22-18

**MV18-6FB/S**

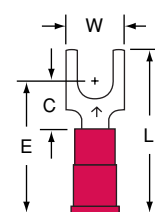
6
22-18

**MV18-6FB**

6
22-18

**MV18-8FB**

8
22-18

**MV18-10FB**

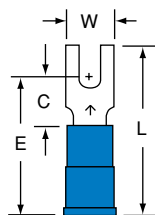
10
22-18

[†]Product Number ending in X = box; Product Number ending with K = bulk

3M™ Block Forks – Vinyl Insulated Brazed Seam 16-14 AWG

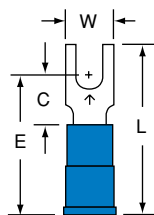


Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
												Carton	Case
MV14-4FB/SK	02280	16-14	4	0.25	0.25	0.85	0.70	0.030	0.25	0.090	0.170	—	1000
MV14-6FB/SX	49624	16-14	6	0.25	0.25	0.85	0.70	0.030	0.25	0.090	0.170	100	500
MV14-6FB/SK	01576	16-14	6	0.25	0.25	0.85	0.70	0.030	0.25	0.090	0.170	—	1000
MV14-6FBX	22641	16-14	6	0.30	0.25	0.85	0.70	0.030	0.25	0.090	0.170	100	500
MV14-6FBK	01577	16-14	6	0.30	0.25	0.85	0.70	0.030	0.25	0.090	0.170	—	1000
MV14-8FBX	22658	16-14	8	0.30	0.25	0.85	0.70	0.030	0.25	0.090	0.170	100	500
MV14-8FBK	01578	16-14	8	0.30	0.25	0.85	0.70	0.030	0.25	0.090	0.170	—	1000
MV14-10FBX	22666	16-14	10	0.30	0.25	0.85	0.70	0.030	0.25	0.090	0.170	100	500
MV14-10FBK	01579	16-14	10	0.30	0.25	0.85	0.70	0.030	0.25	0.090	0.170	—	1000



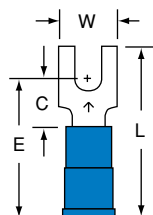
MV14-4FB/S

Stud Size 4
Wire Range 16-14



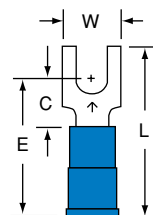
MV14-6FB/S

6
16-14



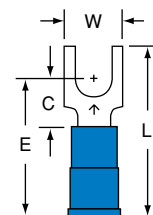
MV14-6FB

6
16-14



MV14-8FB

8
16-14



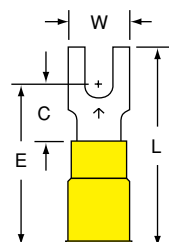
MV14-10FB

10
16-14

3M Block Forks – Vinyl Insulated Brazed Seam 12-10 AWG

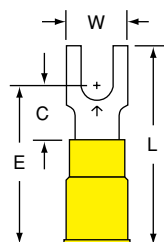


Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
												Carton	Case
MV10-6FBX	23698	12-10	6	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	50	500
MV10-6FBK	02014	12-10	6	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	—	500
MV10-8FBX	23706	12-10	8	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	50	500
MV10-8FBK	02015	12-10	8	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	—	500
MV10-10FBX	23714	12-10	10	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	50	500
MV10-10FBK	02016	12-10	10	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	—	500



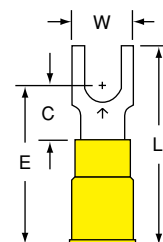
MV10-6FB

Stud Size 6
Wire Range 12-10



MV10-8FB

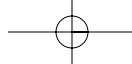
8
12-10



MV10-10FB

10
12-10

[†]Product Number ending in X = box; Product Number ending with K = bulk



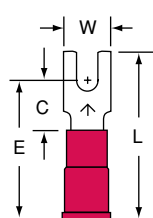
3M

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3M™ Block Forks – Vinyl Insulated Butted Seam 22-18 AWG



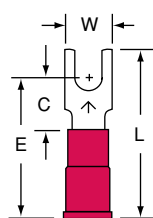
Product Number ¹	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per Case
MVU18-4FB/SK	02253	22-18	4	0.25	0.25	0.85	0.70	0.030	0.25	0.070	0.145	1000
MVU18-6FB/SK	01218	22-18	6	0.25	0.25	0.85	0.70	0.030	0.25	0.070	0.145	1000
MVU18-6FBK	01219	22-18	6	0.30	0.25	0.85	0.70	0.030	0.25	0.070	0.145	1000
MVU18-8FBK	01220	22-18	8	0.30	0.25	0.85	0.70	0.030	0.25	0.070	0.145	1000
MVU18-10FBK	01221	22-18	10	0.30	0.25	0.85	0.70	0.030	0.25	0.070	0.145	1000



MVU18-4FB/S

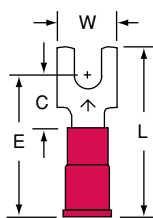
Stud Size
Wire Range

4
22-18



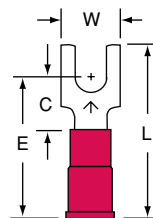
MVU18-6FB/S

6
22-18



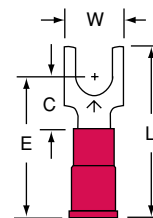
MVU18-6FB

6
22-18



MVU18-8FB

8
22-18



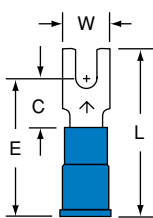
MVU18-10FB

10
22-18

3M Block Forks – Vinyl Insulated Butted Seam 16-14 AWG



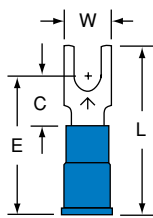
Product Number ¹	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per Case
MVU14-4FB/SK	02258	16-14	4	0.25	0.25	0.85	0.70	0.030	0.25	0.090	0.170	1000
MVU14-6FB/SK	01584	16-14	6	0.25	0.25	0.85	0.70	0.030	0.25	0.090	0.170	1000
MVU14-6FBK	01585	16-14	6	0.30	0.25	0.85	0.70	0.030	0.25	0.090	0.170	1000
MVU14-8FBK	01586	16-14	8	0.30	0.25	0.85	0.70	0.030	0.25	0.090	0.170	1000
MVU14-10FBK	01587	16-14	10	0.30	0.25	0.85	0.70	0.030	0.25	0.090	0.170	1000



MVU14-4FB/S

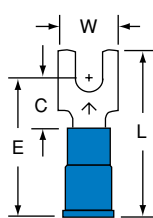
Stud Size
Wire Range

4
16-14



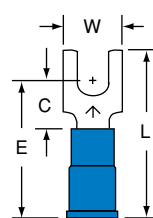
MVU14-6FB/S

6
16-14



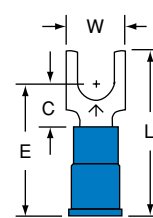
MVU14-6FB

6
16-14



MVU14-8FB

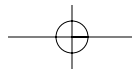
8
16-14



MVU14-10FB

10
16-14

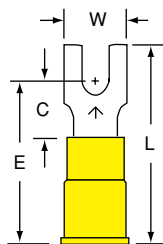
¹Product Number ending in X = box; Product Number ending with K = bulk



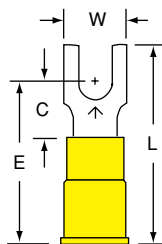
3M™ Block Forks – Vinyl Insulated Butted Seam 12-10 AWG



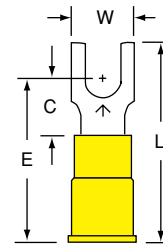
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per Case
MVU10-6FBK	02020	12-10	6	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	500
MVU10-8FBK	02021	12-10	8	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	500
MVU10-10FBK	02022	12-10	10	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	500



MVU10-6FB
Stud Size
6
Wire Range
12-10



MVU10-8FB
Stud Size
8
Wire Range
12-10

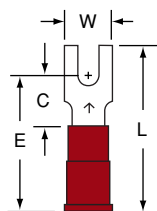


MVU10-10FB
Stud Size
10
Wire Range
12-10

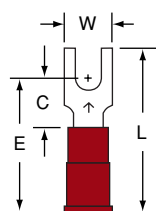
3M Block Forks – Nylon Insulated with Insulation Grip 22-18 AWG



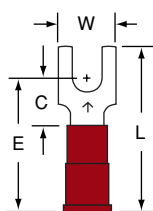
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per Carton	Case
MNG18-4FB/SK	02261	22-18	4	0.25	0.25	0.84	0.69	0.030	0.25	0.070	0.145	—	1000
MNG18-6FB/SX	49603	22-18	6	0.25	0.25	0.84	0.69	0.030	0.25	0.070	0.145	100	500
MNG18-6FB/SK	01214	22-18	6	0.25	0.25	0.84	0.69	0.030	0.25	0.070	0.145	—	1000
MNG18-6FBX	22013	22-18	6	0.30	0.25	0.84	0.69	0.030	0.25	0.070	0.145	100	500
MNG18-6FBK	01215	22-18	6	0.30	0.25	0.84	0.69	0.030	0.25	0.070	0.145	—	1000
MNG18-8FBX	22021	22-18	8	0.30	0.25	0.84	0.69	0.030	0.25	0.070	0.145	100	500
MNG18-8FBK	01216	22-18	8	0.30	0.25	0.84	0.69	0.030	0.25	0.070	0.145	—	1000
MNG18-10FBX	22039	22-18	10	0.30	0.25	0.84	0.69	0.030	0.25	0.070	0.145	100	500
MNG18-10FBK	01217	22-18	10	0.30	0.25	0.84	0.69	0.030	0.25	0.070	0.145	—	1000



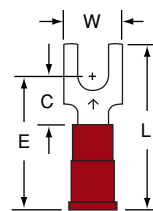
MNG18-4FB/S
Stud Size
4
Wire Range
22-18



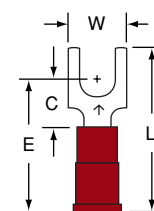
MNG18-6FB/S
Stud Size
6
Wire Range
22-18



MNG18-6FB
Stud Size
6
Wire Range
22-18

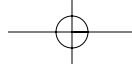


MNG18-8FB
Stud Size
8
Wire Range
22-18



MNG18-10FB
Stud Size
10
Wire Range
22-18

[†]Product Number ending in X = box; Product Number ending with K = bulk



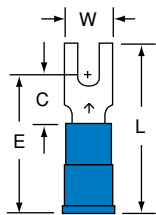
3M

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3M™ Block Forks – Nylon Insulated with Insulation Grip 16-14 AWG



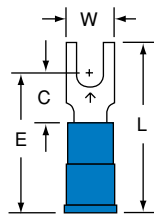
Product Number ¹	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
												Carton	Case
MNG14-4FB/SK	02262	16-14	4	0.25	0.25	0.86	0.71	0.030	0.25	0.090	0.170	—	1000
MNG14-6FB/SX	49625	16-14	6	0.25	0.25	0.86	0.71	0.030	0.25	0.090	0.170	100	500
MNG14-6FB/SK	01580	16-14	6	0.25	0.25	0.86	0.71	0.030	0.25	0.090	0.170	—	1000
MNG14-6FBX	22674	16-14	6	0.30	0.25	0.86	0.71	0.030	0.25	0.090	0.170	100	500
MNG14-6FBK	01581	16-14	6	0.30	0.25	0.86	0.71	0.030	0.25	0.090	0.170	—	1000
MNG14-8FBX	22682	16-14	8	0.30	0.25	0.86	0.71	0.030	0.25	0.090	0.170	100	500
MNG14-8FBK	01582	16-14	8	0.30	0.25	0.86	0.71	0.030	0.25	0.090	0.170	—	1000
MNG14-10FBX	22690	16-14	10	0.30	0.25	0.86	0.71	0.030	0.25	0.090	0.170	100	500
MNG14-10FBK	01583	16-14	10	0.30	0.25	0.86	0.71	0.030	0.25	0.090	0.170	—	1000



MNG14-4FB/S

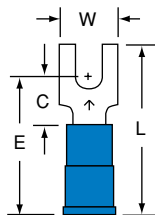
Stud Size
Wire Range

4
16-14



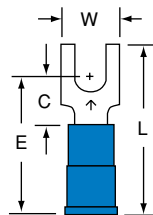
MNG14-6FB/S

6
16-14



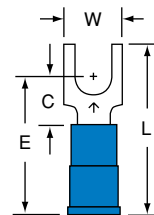
MNG14-6FB

6
16-14



MNG14-8FB

8
16-14



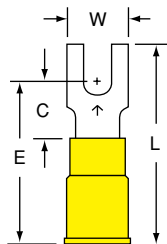
MNG14-10FB

10
16-14

3M Block Forks – Nylon Insulated with Insulation Grip 12-10 AWG



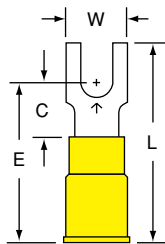
Product Number ¹	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
												Carton	Case
MNG10-6FBX	23722	12-10	6	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	50	500
MNG10-6FBK	02017	12-10	6	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	—	500
MNG10-8FBX	23730	12-10	8	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	50	500
MNG10-8FBK	02018	12-10	8	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	—	500
MNG10-10FBX	23748	12-10	10	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	50	500
MNG10-10FBK	02019	12-10	10	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	—	500



MNG10-6FB

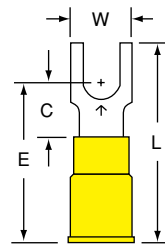
Stud Size
Wire Range

6
12-10



MNG10-8FB

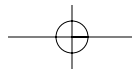
8
12-10



MNG10-10FB

10
12-10

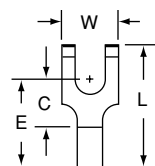
¹Product Number ending in X = box; Product Number ending with K = bulk



3M™ Flanged Block Forks – Non-Insulated Brazed Seam

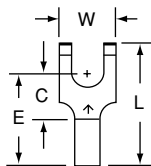


Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per Case
M18-6FFBK	01251	22-18	6	0.30	0.25	0.65	0.50	0.030	0.25	0.070	1000
M14-6FFBK	01617	16-14	6	0.30	0.25	0.65	0.50	0.030	0.25	0.090	1000
M14-8FFBK	01618	16-14	8	0.30	0.25	0.65	0.50	0.030	0.25	0.090	1000
M14-10FFBK	01619	16-14	10	0.30	0.25	0.65	0.50	0.030	0.25	0.090	1000
M10-8FFBK	02027	12-10	8	0.32	0.29	0.73	0.54	0.040	0.25	0.135	500
M10-10FFBK	02028	12-10	10	0.32	0.29	0.73	0.54	0.040	0.25	0.135	500

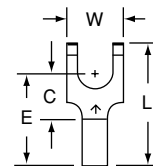


M18-6FFB
6
22-18

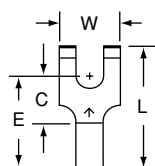
Stud Size
Wire Range



M18-8FFB
8
22-18

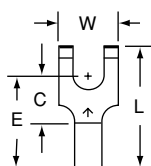


M18-10FFB
10
22-18

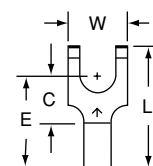


M14-6FFB
6
16-14

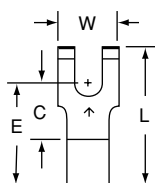
Stud Size
Wire Range



M14-8FFB
8
16-14

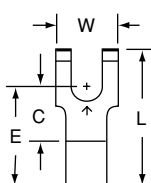


M14-10FFB
10
16-14

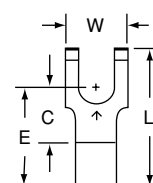


M10-6FFB
6
12-10

Stud Size
Wire Range

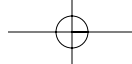


M10-8FFB
8
12-10



M10-10FFB
10
12-10

[†]Product Number ending in X = box; Product Number ending with K = bulk



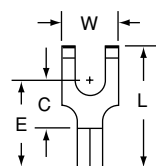
3M

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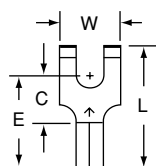
3M™ Flanged Block Forks – Non-Insulated Butted Seam



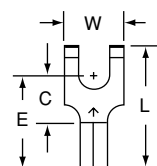
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per Case
MU18-6FFBK	01247	22-18	6	0.30	0.25	0.65	0.50	0.030	0.25	0.070	1000
MU14-6FFBK	01613	16-14	6	0.30	0.25	0.65	0.50	0.030	0.25	0.090	1000
MU14-8FFBK	01614	16-14	8	0.30	0.25	0.65	0.50	0.030	0.25	0.090	1000
MU14-10FFBK	01615	16-14	10	0.30	0.25	0.65	0.50	0.030	0.25	0.090	1000
MU10-6FFBK	02023	12-10	6	0.32	0.29	0.73	0.54	0.040	0.25	0.135	500
MU10-8FFBK	02024	12-10	8	0.32	0.29	0.73	0.54	0.040	0.25	0.135	500
MU10-10FFBK	02025	12-10	10	0.32	0.29	0.73	0.54	0.040	0.25	0.135	500



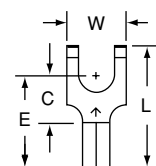
MU18-6FFB
Stud Size 6
Wire Range 22-18



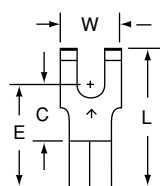
MU14-6FFB
Stud Size 6
Wire Range 16-14



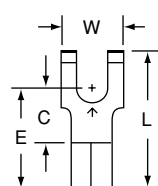
MU14-8FFB
Stud Size 8
Wire Range 16-14



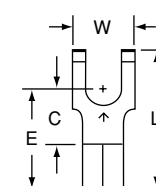
MU14-10FFB
Stud Size 10
Wire Range 16-14



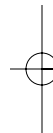
MU10-6FFB
Stud Size 6
Wire Range 12-10



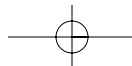
MU10-8FFB
Stud Size 8
Wire Range 12-10



MU10-10FFB
Stud Size 10
Wire Range 12-10



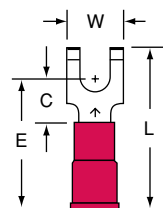
[†]Product Number ending in X = box; Product Number ending with K = bulk



3M™ Flanged Block Forks – Vinyl Insulated Brazed Seam



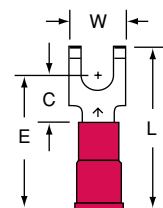
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per Case
MV18-6FFBK	01259	22-18	6	0.30	0.25	0.85	0.70	0.030	0.25	0.070	0.145	1000
MV18-8FFBK	01260	22-18	8	0.30	0.25	0.85	0.70	0.030	0.25	0.070	0.145	1000
MV18-10FFBK	01261	22-18	10	0.30	0.25	0.85	0.70	0.030	0.25	0.070	0.145	1000
MV14-6FFBK	01625	16-14	6	0.30	0.25	0.85	0.70	0.030	0.25	0.090	0.170	1000
MV14-8FFBK	01626	16-14	8	0.30	0.25	0.85	0.70	0.030	0.25	0.090	0.170	1000
MV14-10FFBK	01627	16-14	10	0.30	0.25	0.85	0.70	0.030	0.25	0.090	0.170	1000
MV10-8FFBK	02033	12-10	8	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	500
MV10-10FFBK	02034	12-10	10	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	500



MV18-6FFBK

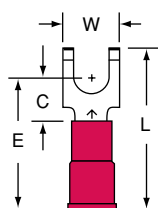
Stud Size
Wire Range

6
22-18



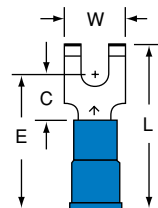
MV18-8FFBK

8
22-18



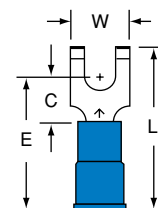
MV18-10FFBK

10
22-18



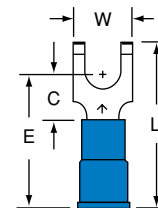
MV14-6FFBK

6
16-14



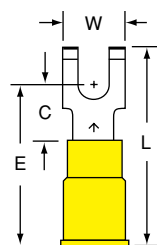
MV14-8FFBK

8
16-14



MV14-10FFBK

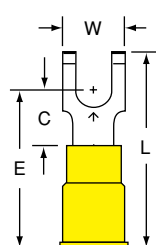
10
16-14



MV10-8FFBK

Stud Size
Wire Range

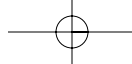
8
12-10



MV10-10FFBK

10
12-10

[†]Product Number ending in X = box; Product Number ending with K = bulk



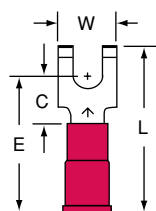
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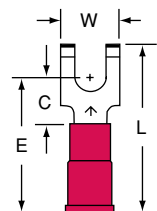
3M™ Flanged Block Forks – Vinyl Insulated Butted Seam



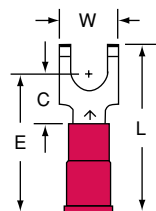
Product Number ¹	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per Case
MVU18-6FFBK	01267	22-18	6	0.30	0.25	0.85	0.70	0.030	0.25	0.070	0.145	1000
MVU18-8FFBK	01268	22-18	8	0.30	0.25	0.85	0.70	0.030	0.25	0.070	0.145	1000
MVU18-10FFBK	01269	22-18	10	0.30	0.25	0.85	0.70	0.030	0.25	0.070	0.145	1000
MVU14-6FFBK	01633	16-14	6	0.30	0.25	0.85	0.70	0.030	0.25	0.090	0.170	1000
MVU14-8FFBK	01634	16-14	8	0.30	0.25	0.85	0.70	0.030	0.25	0.090	0.170	1000
MVU14-10FFBK	01635	16-14	10	0.30	0.25	0.85	0.70	0.030	0.25	0.090	0.170	1000
MVU10-6FFBK	02038	12-10	6	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	500
MVU10-8FFBK	02039	12-10	8	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	500
MVU10-10FFBK	02040	12-10	10	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	500



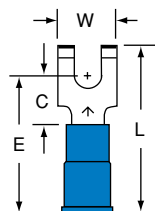
MVU18-6FFB
Stud Size 6
Wire Range 22-18



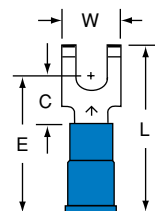
MVU18-8FFB
Stud Size 8
Wire Range 22-18



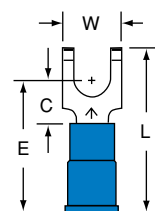
MVU18-10FFB
Stud Size 10
Wire Range 22-18



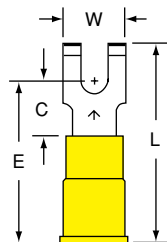
MVU14-6FFB
Stud Size 6
Wire Range 16-14



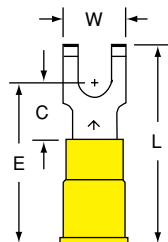
MVU14-8FFB
Stud Size 8
Wire Range 16-14



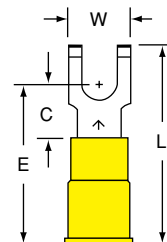
MVU14-10FFB
Stud Size 10
Wire Range 16-14



MVU10-6FFB
Stud Size 6
Wire Range 12-10

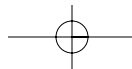


MVU10-8FFB
Stud Size 8
Wire Range 12-10



MVU10-10FFB
Stud Size 10
Wire Range 12-10

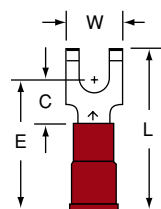
¹Product Number ending in X = box; Product Number ending with K = bulk



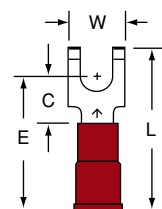
3M™ Flanged Block Forks – Nylon Insulated with Insulation Grip



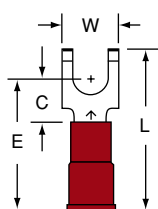
Product Number ¹	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
												Carton	Case
MNG18-6FFB/SX	49604	22-18	6	0.25	0.25	0.84	0.69	0.030	0.25	0.070	0.145	100	500
MNG18-6FFBK	01263	22-18	6	0.30	0.25	0.84	0.69	0.030	0.25	0.070	0.145	—	1000
MNG18-8FFBX	49605	22-18	8	0.30	0.25	0.84	0.69	0.030	0.25	0.070	0.145	100	500
MNG18-8FFBK	01264	22-18	8	0.30	0.25	0.84	0.69	0.030	0.25	0.070	0.145	—	1000
MNG18-10FFBX	49606	22-18	10	0.30	0.25	0.84	0.69	0.030	0.25	0.070	0.145	100	500
MNG18-10FFBK	01265	22-18	10	0.30	0.25	0.84	0.69	0.030	0.25	0.070	0.145	—	1000
MNG14-6FFB/SX	49626	16-14	6	0.25	0.25	0.86	0.71	0.030	0.25	0.090	0.170	100	500
MNG14-6FFBK	01629	16-14	6	0.30	0.25	0.86	0.71	0.030	0.25	0.090	0.170	—	1000
MNG14-8FFBX	49627	16-14	8	0.30	0.25	0.86	0.71	0.030	0.25	0.090	0.170	100	500
MNG14-8FFBK	01630	16-14	8	0.30	0.25	0.86	0.71	0.030	0.25	0.090	0.170	—	1000
MNG14-10FFBX	49628	16-14	10	0.30	0.25	0.86	0.71	0.030	0.25	0.090	0.170	100	500
MNG14-10FFBK	01631	16-14	10	0.30	0.25	0.86	0.71	0.030	0.25	0.090	0.170	—	1000
MNG10-6FFBX	49642	12-10	6	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	50	500
MNG10-6FFBK	02035	12-10	6	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	—	500
MNG10-8FFBX	49643	12-10	8	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	50	500
MNG10-8FFBK	02036	12-10	8	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	—	500
MNG10-10FFBX	49644	12-10	10	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	50	500
MNG10-10FFBK	02037	12-10	10	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250	—	500



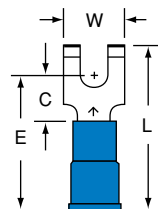
MNG18-6FFB
Stud Size
Wire Range
6
22-18



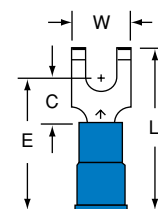
MNG18-8FFB
Stud Size
Wire Range
8
22-18



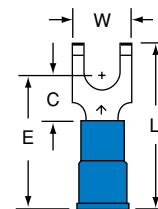
MNG18-10FFB
Stud Size
Wire Range
10
22-18



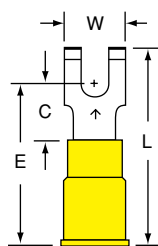
MNG14-6FFB
Stud Size
Wire Range
6
16-14



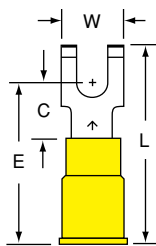
MNG14-8FFB
Stud Size
Wire Range
8
16-14



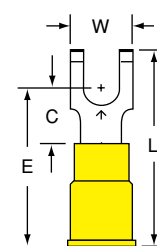
MNG14-10FFB
Stud Size
Wire Range
10
16-14



MNG10-6FFB
Stud Size
Wire Range
6
12-10

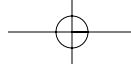


MNG10-8FFB
Stud Size
Wire Range
8
12-10



MNG10-10FFB
Stud Size
Wire Range
10
12-10

¹Product Number ending in X = box; Product Number ending with K = bulk



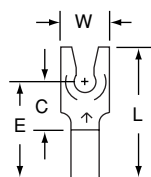
3M

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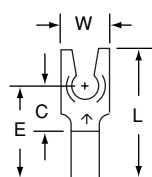
3M™ Locking Forks – Non-Insulated Brazed Seam 22-18 AWG



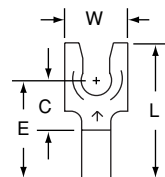
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	Max. Lock Width	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per: Carton	Case
M18-4FLK	13725	22-18	4	0.27	0.25	0.25	0.68	0.50	0.030	0.25	0.070	—	1000
M18-6FLX	13732	22-18	6	0.27	0.25	0.25	0.68	0.50	0.030	0.25	0.070	100	500
M18-6FLK	13733	22-18	6	0.27	0.25	0.25	0.68	0.50	0.030	0.25	0.070	—	1000
M18-8FLX	13750	22-18	8	0.34	0.30	0.25	0.68	0.50	0.030	0.25	0.070	100	500
M18-10FLX	13757	22-18	10	0.35	0.32	0.25	0.68	0.50	0.030	0.25	0.070	100	500
M18-10FLK	13758	22-18	10	0.35	0.32	0.25	0.68	0.50	0.030	0.25	0.070	—	1000



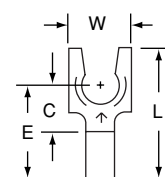
M18-4FL
4
22-18



M18-6FL
6
22-18



M18-8FL
8
22-18



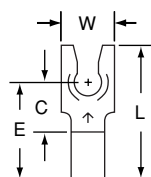
M18-10FL
10
22-18

Stud Size
Wire Range

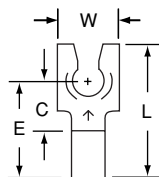
3M Locking Forks – Non-Insulated Brazed Seam 16-14 AWG



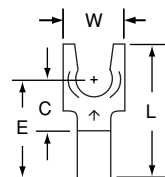
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	Max. Lock Width	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per: Carton	Case
M14-6FLX	13773	16-14	6	0.27	0.25	0.25	0.68	0.50	0.030	0.25	0.090	100	500
M14-6FLK	13775	16-14	6	0.27	0.25	0.25	0.68	0.50	0.030	0.25	0.090	—	1000
M14-8FLX	13781	16-14	8	0.34	0.30	0.25	0.68	0.50	0.030	0.25	0.090	100	500
M14-8FLK	13782	16-14	8	0.34	0.30	0.25	0.68	0.50	0.030	0.25	0.090	—	1000
M14-10FLX	13799	16-14	10	0.35	0.32	0.25	0.68	0.50	0.030	0.25	0.090	100	500
M14-10FLK	13800	16-14	10	0.35	0.32	0.25	0.68	0.50	0.030	0.25	0.090	—	1000
M14-14FLX	13807	16-14	1/4	0.48	0.43	0.40	0.90	0.65	0.030	0.25	0.090	100	500



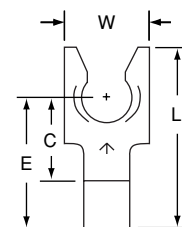
M14-6FL
6
16-14



M14-8FL
8
16-14



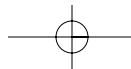
M14-10FL
10
16-14



M14-14FL
1/4
16-14

Stud Size
Wire Range

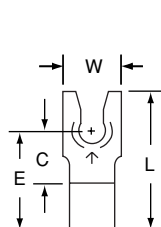
[†]Product Number ending in X = box; Product Number ending with K = bulk



3M™ Locking Forks – Non-Insulated Brazed Seam 12-10 AWG



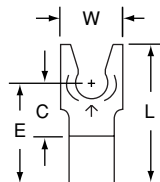
Product Number ¹	UPC (054007-)	Wire Range (AWG)	Stud Size	Max. Lock Width	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per Carton	Case
M10-6FLX	13815	12-10	6	0.30	0.28	0.28	0.73	0.53	0.040	0.25	0.135	50	500
M10-6FLK	13817	12-10	6	0.30	0.28	0.28	0.73	0.53	0.040	0.25	0.135	—	500
M10-8FLX	13823	12-10	8	0.35	0.32	0.28	0.73	0.53	0.040	0.25	0.135	50	500
M10-8FLK	13824	12-10	8	0.35	0.32	0.28	0.73	0.53	0.040	0.25	0.135	—	500
M10-10FLX	13831	12-10	10	0.36	0.32	0.28	0.73	0.53	0.040	0.25	0.135	50	500
M10-10FLK	13832	12-10	10	0.36	0.32	0.28	0.73	0.53	0.040	0.25	0.135	—	500
M10-14FLX	13849	12-10	1/4	0.48	0.43	0.44	0.94	0.69	0.040	0.25	0.135	50	500
M10-14FLK	13850	12-10	1/4	0.48	0.43	0.44	0.94	0.69	0.040	0.25	0.135	—	500



M10-6FL

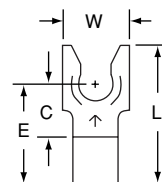
Stud Size
Wire Range

6
12-10



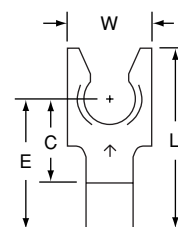
M10-8FL

8
12-10



M10-10FL

10
12-10



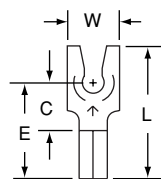
M10-14FL

1/4
12-10

3M Locking Forks – Non-Insulated Butted Seam 22-18 AWG



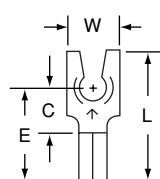
Product Number ¹	UPC (054007-)	Wire Range (AWG)	Stud Size	Max. Lock Width	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per Case
MU18-4FLK	01347	22-18	4	0.27	0.25	0.25	0.68	0.50	0.030	0.25	0.070	1000
MU18-6FLK	01348	22-18	6	0.27	0.25	0.25	0.68	0.50	0.030	0.25	0.070	1000
MU18-8FLK	01349	22-18	8	0.34	0.30	0.25	0.68	0.50	0.030	0.25	0.070	1000
MU18-10FLK	01350	22-18	10	0.35	0.32	0.25	0.68	0.50	0.030	0.25	0.070	1000



MU18-4FL

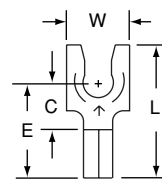
Stud Size
Wire Range

4
22-18



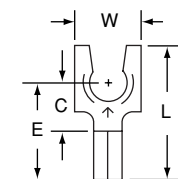
MU18-6FL

6
22-18



MU18-8FL

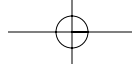
8
22-18



MU18-10FL

10
22-18

¹Product Number ending in X = box; Product Number ending with K = bulk



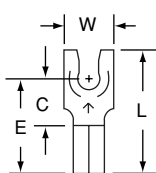
3M

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3M™ Locking Forks – Non-Insulated Butted Seam 16-14 AWG



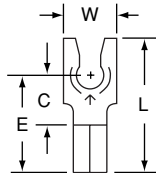
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	Max. Lock Width	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per Case
MU14-4FLK	01856	16-14	4	0.27	0.25	0.25	0.68	0.50	0.030	0.25	0.090	1000
MU14-6FLK	01857	16-14	6	0.27	0.25	0.25	0.68	0.50	0.030	0.25	0.090	1000
MU14-8FLK	01858	16-14	8	0.34	0.30	0.25	0.68	0.50	0.030	0.25	0.090	1000
MU14-10FLK	01859	16-14	10	0.35	0.32	0.25	0.68	0.50	0.030	0.25	0.090	1000
MU14-14FLK	01860	16-14	1/4	0.48	0.43	0.40	0.90	0.65	0.030	0.25	0.090	1000



MU14-4FL

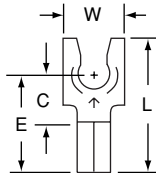
Stud Size
Wire Range

4
16-14



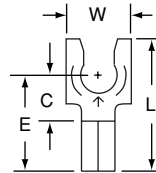
MU14-6FL

6
16-14



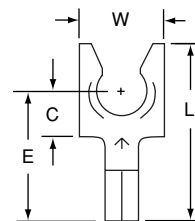
MU14-8FL

8
16-14



MU14-10FL

10
16-14



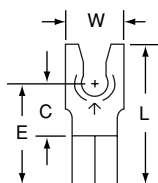
MU14-14FL

1/4
16-14

3M Locking Forks – Non-Insulated Butted Seam 12-10 AWG



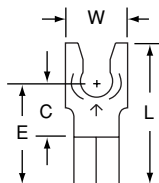
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	Max. Lock Width	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per Case
MU10-6FLK	02102	12-10	6	0.30	0.28	0.28	0.73	0.53	0.040	0.25	0.135	500
MU10-8FLK	02103	12-10	8	0.35	0.32	0.28	0.73	0.53	0.040	0.25	0.135	500
MU10-10FLK	02104	12-10	10	0.36	0.32	0.28	0.73	0.53	0.040	0.25	0.135	500
MU10-14FLK	02105	12-10	1/4	0.48	0.43	0.44	0.94	0.69	0.040	0.25	0.135	500



MU10-6FL

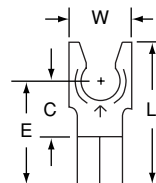
Stud Size
Wire Range

6
12-10



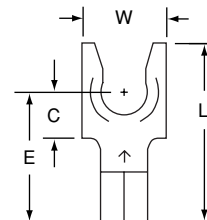
MU10-8FL

8
12-10



MU10-10FL

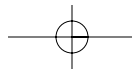
10
12-10



MU10-14FL

1/4
12-10

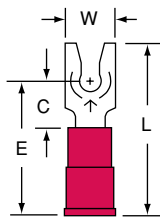
[†]Product Number ending in X = box; Product Number ending with K = bulk



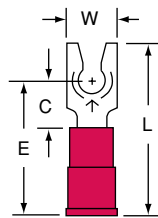
3M™ Locking Forks – Vinyl Insulated Brazed Seam 22-18 AWG



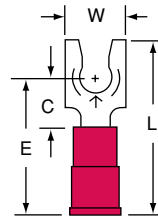
Product Number†	Wire			Max Lock Width						Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
	UPC (054007-)	Range (AWG)	Stud Size		W	C	L	E	Thickness				Carton	Case
MV18-4FLX	13856	22-18	4	0.27	0.25	0.25	0.88	0.70	0.030	0.25	0.070	0.145	100	500
MV18-4FLK	13857	22-18	4	0.27	0.25	0.25	0.88	0.70	0.030	0.25	0.070	0.145	—	1000
MV18-6FLX	13864	22-18	6	0.27	0.25	0.25	0.88	0.70	0.030	0.25	0.070	0.145	100	500
MV18-6FLK	13865	22-18	6	0.27	0.25	0.25	0.88	0.70	0.030	0.25	0.070	0.145	—	1000
MV18-8FLX	13872	22-18	8	0.34	0.30	0.25	0.88	0.70	0.030	0.25	0.070	0.145	100	500
MV18-8FLK	13873	22-18	8	0.34	0.30	0.25	0.88	0.70	0.030	0.25	0.070	0.145	—	1000
MV18-10FLX	13890	22-18	10	0.35	0.32	0.25	0.88	0.70	0.030	0.25	0.070	0.145	100	500
MV18-10FLK	13891	22-18	10	0.35	0.32	0.25	0.88	0.70	0.030	0.25	0.070	0.145	—	1000



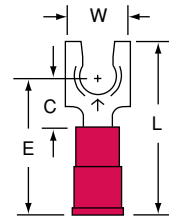
MV18-4FL
4
22-18



MV18-6FL
6
22-18



MV18-8FL
8
22-18



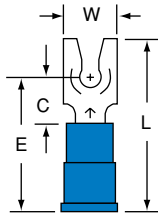
MV18-10FL
10
22-18

Stud Size
Wire Range

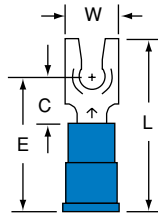
3M Locking Forks – Vinyl Insulated Brazed Seam 16-14 AWG



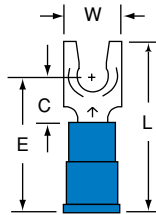
Product Number†	Wire			Max Lock Width						Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
	UPC Range (054007-)(AWG)	Stud Size			W	C	L	E	Thickness				Carton	Case
MV14-4FLX	13898	16-14	4	0.27	0.25	0.25	0.88	0.70	0.030	0.25	0.090	0.170	100	500
MV14-6FLX	13906	16-14	6	0.27	0.25	0.25	0.88	0.70	0.030	0.25	0.090	0.170	100	500
MV14-6FLK	13907	16-14	6	0.27	0.25	0.25	0.88	0.70	0.030	0.25	0.090	0.170	—	1000
MV14-8FLX	13914	16-14	8	0.34	0.30	0.25	0.88	0.70	0.030	0.25	0.090	0.170	100	500
MV14-8FLK	13915	16-14	8	0.34	0.30	0.25	0.88	0.70	0.030	0.25	0.090	0.170	—	1000
MV14-10FLX	13922	16-14	10	0.35	0.32	0.25	0.88	0.70	0.030	0.25	0.090	0.170	100	500
MV14-10FLK	13923	16-14	10	0.35	0.32	0.25	0.88	0.70	0.030	0.25	0.090	0.170	—	1000
MV14-14FLX	13940	16-14	1/4	0.48	0.43	0.40	1.10	0.85	0.030	0.25	0.090	0.170	100	500
MV14-14FLK	13941	16-14	1/4	0.48	0.43	0.40	1.10	0.85	0.030	0.25	0.090	0.170	—	1000



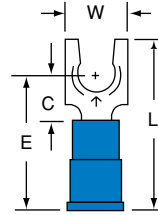
MV14-4FL
4
16-14



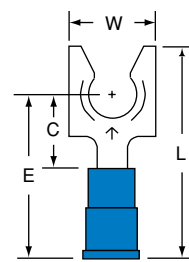
MV14-6FL
6
16-14



MV14-8FL
8
16-14



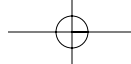
MV14-10FL
10
16-14



MV14-14FL
1/4
16-14

Stud Size
Wire Range

[†]Product Number ending in X = box; Product Number ending with K = bulk



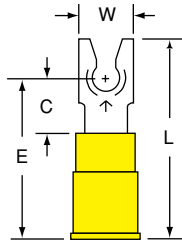
3M

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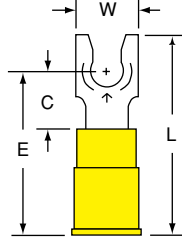
3M™ Locking Forks – Vinyl Insulated Brazed Seam 12-10 AWG



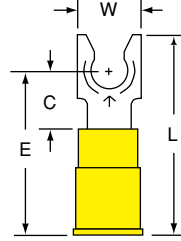
Product Number [†]	UPC Range (054007-)	Wire Range (AWG)	Stud Size	Max Lock Width	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per: Carton Case	
MV10-6FLX	13948	12-10	6	0.30	0.28	0.28	1.03	0.83	0.040	0.25	0.135	0.250	50	500
MV10-6FLK	13949	12-10	6	0.30	0.28	0.28	1.03	0.83	0.040	0.25	0.135	0.250	—	500
MV10-8FLX	13955	12-10	8	0.35	0.32	0.28	1.03	0.83	0.040	0.25	0.135	0.250	50	500
MV10-8FLK	13956	12-10	8	0.35	0.32	0.28	1.03	0.83	0.040	0.25	0.135	0.250	—	500
MV10-10FLX	13963	12-10	10	0.36	0.32	0.28	1.03	0.83	0.040	0.25	0.135	0.250	50	500
MV10-10FLK	13964	12-10	10	0.36	0.32	0.28	1.03	0.83	0.040	0.25	0.135	0.250	—	500
MV10-14FLX	13971	12-10	1/4	0.48	0.43	0.44	1.24	0.99	0.040	0.25	0.135	0.250	50	500
MV10-14FLK	13972	12-10	1/4	0.48	0.43	0.44	1.24	0.99	0.040	0.25	0.135	0.250	—	500



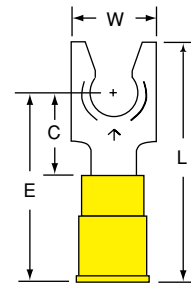
MV10-6FL
Stud Size
6
Wire Range
12-10



MV10-8FL
Stud Size
8
Wire Range
12-10



MV10-10FL
Stud Size
10
Wire Range
12-10

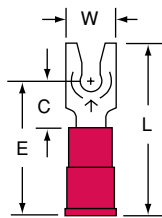


MV10-14FL
Stud Size
1/4
Wire Range
12-10

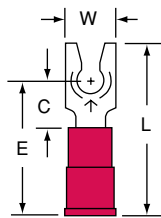
3M Locking Forks – Vinyl Insulated Butted Seam 22-18 AWG



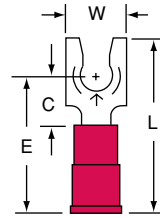
Product Number [†]	UPC Range (054007-)	Wire Range (AWG)	Stud Size	Max Lock Width	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per Case	
MVU18-4FLK	01359	22-18	4	0.27	0.25	0.25	0.88	0.70	0.030	0.25	0.070	0.145	1000	
MVU18-6FLK	01360	22-18	6	0.27	0.25	0.25	0.88	0.70	0.030	0.25	0.070	0.145	1000	
MVU18-8FLK	01361	22-18	8	0.34	0.30	0.25	0.88	0.70	0.030	0.25	0.070	0.145	1000	
MVU18-10FLK	01362	22-18	10	0.35	0.32	0.25	0.88	0.70	0.030	0.25	0.070	0.145	1000	



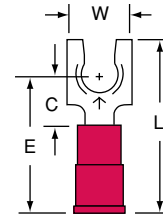
MVU18-4FL
Stud Size
4
Wire Range
22-18



MVU18-6FL
Stud Size
6
Wire Range
22-18

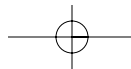


MVU18-8FL
Stud Size
8
Wire Range
22-18



MVU18-10FL
Stud Size
10
Wire Range
22-18

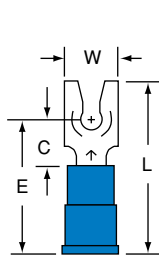
[†]Product Number ending in X = box; Product Number ending with K = bulk



3M™ Locking Forks – Vinyl Insulated Butted Seam 16-14 AWG



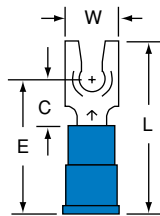
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	Max Lock Width	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per Case
MVU14-4FLK	01871	16-14	4	0.27	0.25	0.25	0.88	0.70	0.030	0.25	0.090	0.170	1000
MVU14-6FLK	01872	16-14	6	0.27	0.25	0.25	0.88	0.70	0.030	0.25	0.090	0.170	1000
MVU14-8FLK	01873	16-14	8	0.34	0.30	0.25	0.88	0.70	0.030	0.25	0.090	0.170	1000
MVU14-10FLK	01874	16-14	10	0.35	0.32	0.25	0.88	0.70	0.030	0.25	0.090	0.170	1000
MVU14-14FLK	01875	16-14	1/4	0.48	0.43	0.40	1.10	0.85	0.030	0.25	0.090	0.170	1000



MVU14-4FL

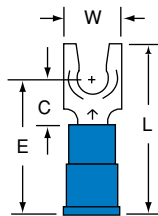
Stud Size
Wire Range

4
16-14



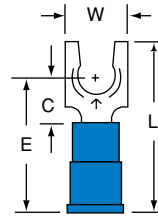
MVU14-6FL

6
16-14



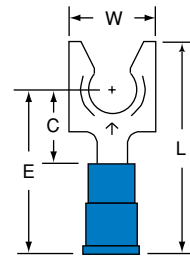
MVU14-8FL

8
16-14



MVU14-10FL

10
16-14



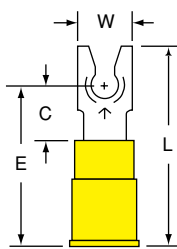
MVU14-14FL

1/4
16-14

3M Locking Forks – Vinyl Insulated Butted Seam 12-10 AWG



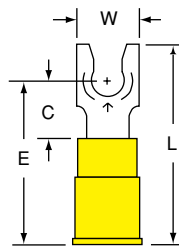
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	Max Lock Width	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per Case
MVU10-6FLK	02114	12-10	6	0.30	0.28	0.28	1.03	0.83	0.040	0.25	0.135	0.250	500
MVU10-8FLK	02115	12-10	8	0.35	0.32	0.28	1.03	0.83	0.040	0.25	0.135	0.250	500
MVU10-10FLK	02116	12-10	10	0.36	0.32	0.28	1.03	0.83	0.040	0.25	0.135	0.250	500
MVU10-14FLK	02117	12-10	1/4	0.48	0.43	0.44	1.24	0.99	0.040	0.25	0.135	0.250	500



MVU10-6FL

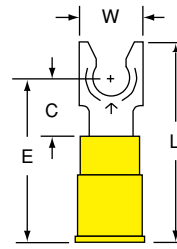
Stud Size
Wire Range

6
12-10



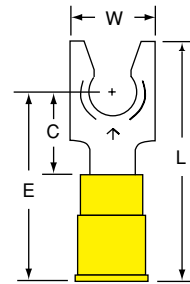
MVU10-8FL

8
12-10



MVU10-10FL

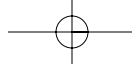
10
12-10



MVU10-14FL

1/4
12-10

[†]Product Number ending in X = box; Product Number ending with K = bulk



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Fax 800/245 0329

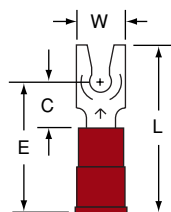
Phone 800/245 3573

98

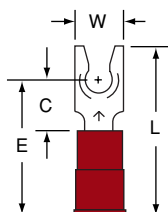
3M™ Locking Forks – Nylon Insulated with Insulation Grip 22-18 AWG



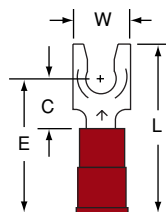
Product Number ¹	Wire Range (054007-)(AWG)	Stud Size	Max Lock Width	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
												Carton	Case
MNG18-4FLX	11706	22-18	4	0.27	0.25	0.25	0.87	0.69	0.030	0.25	0.070	100	500
MNG18-4FLK	01355	22-18	4	0.27	0.25	0.25	0.87	0.69	0.030	0.25	0.070	—	1000
MNG18-6FLX	11707	22-18	6	0.27	0.25	0.25	0.87	0.69	0.030	0.25	0.070	100	500
MNG18-6FLK	01356	22-18	6	0.27	0.25	0.25	0.87	0.69	0.030	0.25	0.070	—	1000
MNG18-8FLX	11708	22-18	8	0.34	0.30	0.25	0.87	0.69	0.030	0.25	0.070	100	500
MNG18-8FLK	01357	22-18	8	0.34	0.30	0.25	0.87	0.69	0.030	0.25	0.070	—	1000
MNG18-10FLX	11709	22-18	10	0.35	0.32	0.25	0.87	0.69	0.030	0.25	0.070	100	500
MNG18-10FLK	01358	22-18	10	0.35	0.32	0.25	0.87	0.69	0.030	0.25	0.070	—	1000



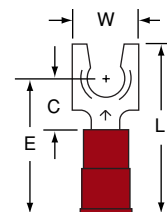
MNG18-4FL
4
22-18



MNG18-6FL
6
22-18



MNG18-8FL
8
22-18



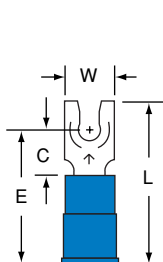
MNG18-10FL
10
22-18

Stud Size
Wire Range

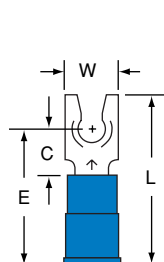
3M Locking Forks – Nylon Insulated with Insulation Grip 16-14 AWG



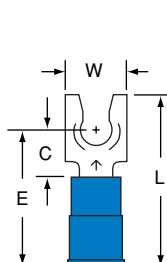
Product Number ¹	Wire Range (054007-)(AWG)	Stud Size	Max Lock Width	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
												Carton	Case
MNG14-4FLX	11717	16-14	4	0.27	0.25	0.25	0.89	0.71	0.030	0.25	0.090	100	500
MNG14-4FLK	01866	16-14	4	0.27	0.25	0.25	0.89	0.71	0.030	0.25	0.090	—	1000
MNG14-6FLX	11718	16-14	6	0.27	0.24	0.25	0.89	0.71	0.030	0.25	0.090	100	500
MNG14-6FLK	01867	16-14	6	0.27	0.24	0.25	0.89	0.71	0.030	0.25	0.090	—	1000
MNG14-8FLX	11719	16-14	8	0.34	0.30	0.25	0.89	0.71	0.030	0.25	0.090	100	500
MNG14-8FLK	01868	16-14	8	0.34	0.30	0.25	0.89	0.71	0.030	0.25	0.090	—	1000
MNG14-10FLX	11720	16-14	10	0.35	0.32	0.25	0.89	0.71	0.030	0.25	0.090	100	500
MNG14-10FLK	01869	16-14	10	0.35	0.32	0.25	0.89	0.71	0.030	0.25	0.090	—	1000
MNG14-14FLX	11721	16-14	1/4	0.48	0.43	0.40	1.11	0.86	0.030	0.25	0.090	100	500
MNG14-14FLK	01870	16-14	1/4	0.48	0.43	0.40	1.11	0.86	0.030	0.25	0.090	—	1000



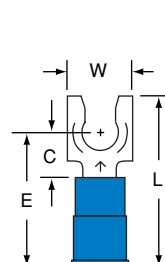
MNG14-4FL
4
16-14



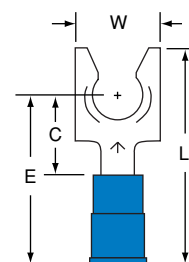
MNG14-6FL
6
16-14



MNG14-8FL
8
16-14



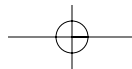
MNG14-10FL
10
16-14



MNG14-14FL
1/4
16-14

Stud Size
Wire Range

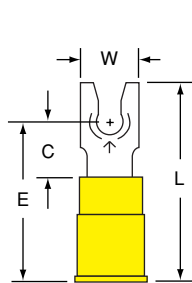
¹Product Number ending in X = box; Product Number ending with K = bulk



3M™ Locking Forks – Nylon Insulated with Insulation Grip 12-10 AWG

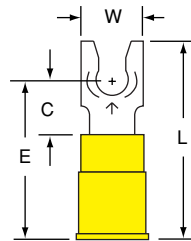


Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	Max Lock Width	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
													Carton	Case
MNG10-6FLX	11725	12-10	6	0.30	0.28	0.28	1.03	0.83	0.040	0.25	0.135	0.250	50	500
MNG10-6FLK	02106	12-10	6	0.30	0.28	0.28	1.03	0.83	0.040	0.25	0.135	0.250	—	500
MNG10-8FLX	11726	12-10	8	0.35	0.32	0.28	1.03	0.83	0.040	0.25	0.135	0.250	50	500
MNG10-8FLK	02107	12-10	8	0.35	0.32	0.28	1.03	0.83	0.040	0.25	0.135	0.250	—	500
MNG10-10FLX	11727	12-10	10	0.36	0.32	0.28	1.03	0.83	0.040	0.25	0.135	0.250	50	500
MNG10-10FLK	02108	12-10	10	0.36	0.32	0.28	1.03	0.83	0.040	0.25	0.135	0.250	—	500
MNG10-14FLX	11728	12-10	1/4	0.48	0.43	0.44	1.24	0.99	0.040	0.25	0.135	0.250	50	500
MNG10-14FLK	02109	12-10	1/4	0.48	0.43	0.44	1.24	0.99	0.040	0.25	0.135	0.250	—	500

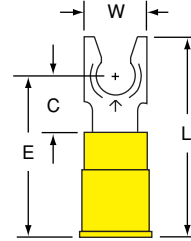


MNG10-6FL
6
12-10

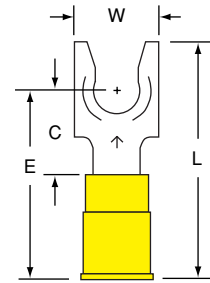
Stud Size
Wire Range



MNG10-8FL
8
12-10



MNG10-10FL
10
12-10

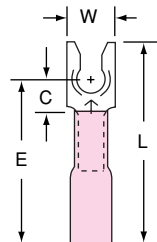


MNG10-14FL
1/4
12-10

3M Locking Forks – Heat Shrink Brazed Seam 22-18 AWG

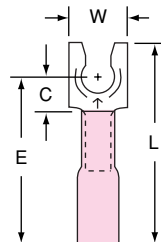


Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per:	
											Bag	Case
MH18-6FLX	06346	22-18	6	0.25	0.15	1.00	0.76	0.030	0.25	0.070	25	100
MH18-6FLK	06347	22-18	6	0.25	0.15	1.00	0.76	0.030	0.25	0.070	—	250
MH18-8FLX	06363	22-18	8	0.30	0.15	1.00	0.70	0.030	0.25	0.090	25	100
MH18-8FLK	06362	22-18	8	0.30	0.15	1.00	0.70	0.030	0.25	0.090	—	250
MH18-10FLX	06352	22-18	10	0.32	0.15	1.00	0.76	0.030	0.25	0.070	25	100
MH18-10FLK	06353	22-18	10	0.32	0.15	1.00	0.76	0.030	0.25	0.070	—	250

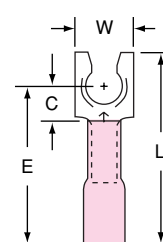


MH18-6FL
6
22-18

Stud Size
Wire Range

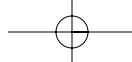


MH18-8FL
8
22-18



MH18-10FL
10
22-18

[†]Product Number ending in X = box; Product Number ending with K = bulk



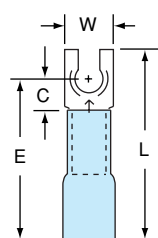
3M

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3M™ Locking Forks – Heat Shrink Braze Seam 16-14 AWG



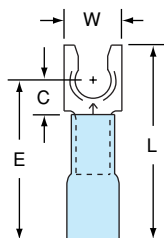
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per:	
											Bag	Case
MH14-6FLX	06322	16-14	6	0.25	0.12	1.00	0.76	0.030	0.25	0.090	25	100
MH14-6FLK	06323	16-14	6	0.25	0.12	1.00	0.76	0.030	0.25	0.090	—	250
MH14-8FLX	06361	16-14	8	0.30	0.12	1.00	0.70	0.030	0.25	0.090	25	100
MH14-8FLK	06360	16-14	8	0.30	0.12	1.00	0.70	0.030	0.25	0.090	—	250
MH14-10FLX	06328	16-14	10	0.32	0.12	1.00	0.76	0.030	0.25	0.090	25	100
MH14-10FLK	06329	16-14	10	0.32	0.12	1.00	0.76	0.030	0.25	0.090	—	250
MH14-14FLX	06332	16-14	1/4	0.43	0.27	1.1	0.85	0.030	0.25	0.090	25	100
MH14-14FLK	06333	16-14	1/4	0.43	0.27	1.1	0.85	0.030	0.25	0.090	—	250



MH14-6FL

6

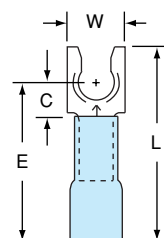
16-14

Stud Size
Wire Range

MH14-8FL

8

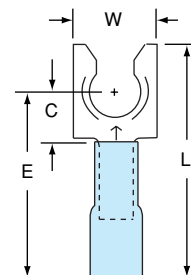
16-14



MH14-10FL

10

16-14



MH14-14FL

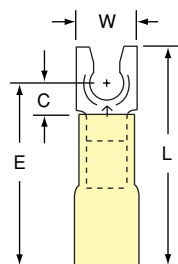
1/4

16-14

3M Locking Forks – Heat Shrink Braze Seam 12-10 AWG



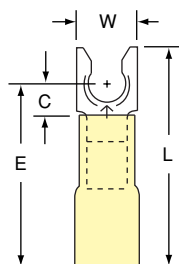
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per:	
											Bag	Case
MH10-8FLX	06304	12-10	8	0.32	0.16	1.00	0.80	0.040	0.25	0.135	25	100
MH10-8FLK	06358	12-10	8	0.32	0.16	1.00	0.80	0.040	0.25	0.135	—	250
MH10-10FLX	06307	12-10	10	0.32	0.16	1.00	0.80	0.040	0.25	0.135	25	100
MH10-10FLK	06308	12-10	10	0.32	0.16	1.00	0.80	0.040	0.25	0.135	—	250
MH10-14FLX	06310	12-10	1/4	0.43	0.30	1.2	0.95	0.040	0.25	0.135	25	100
MH10-14FLK	06311	12-10	1/4	0.43	0.30	1.2	0.95	0.040	0.25	0.135	—	250



MH10-8FL

8

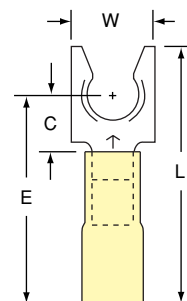
12-10

Stud Size
Wire Range

MH10-10FL

10

12-10

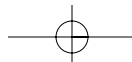


MH10-14FL

1/4

12-10

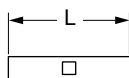
[†]Product Number ending in X = box; Product Number ending with K = bulk



3M™ Butt Connectors – Non-Insulated Seamless

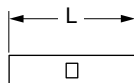


Product Number [†]	UPC (054007-)	Wire Range (AWG)	L	Thickness	Barrel Length	Barrel I.D.	Terminals per:	
							Carton	Case
M18BCX	22187	22-18	0.63	0.031	0.28	0.062	100	500
M18BCK	01311	22-18	0.63	0.031	0.28	0.062	—	1000
M14BCX	23102	16-14	0.66	0.031	0.30	0.095	100	500
M14BCK	01816	16-14	0.66	0.031	0.30	0.095	—	1000
M10BCX	24019	12-10	0.81	0.038	0.38	0.142	50	500
M10BCK	02077	12-10	0.81	0.038	0.38	0.142	—	500

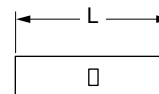


M18BC
22-18

Wire Range



M14BC
16-14

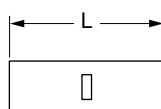


M10BC
12-10

3M Butt Connectors – Non-Insulated Brazed Seam

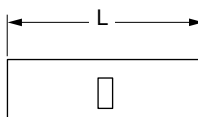


Product Number [†]	UPC (054007-)	Wire Range (AWG)	L	Thickness	Barrel Length	Barrel I.D.	Terminals per:	
							Carton	Case
M8BCX	24167	8	0.81	0.050	0.38	0.175	25	250
M8BCK	02143	8	0.81	0.050	0.38	0.175	—	200
M6BCX	24225	6	1.02	0.050	0.47	0.250	20	200
M6BCK	02172	6	1.02	0.050	0.47	0.250	—	200
M4BCX	24282	4	1.13	0.075	0.53	0.280	15	150
M4BCK	02197	4	1.13	0.075	0.53	0.280	—	200

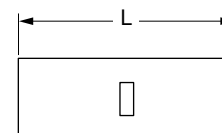


M8BC
8

Wire Range



M6BC
6



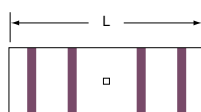
M4BC
4

[†]Product Number ending in X = box; Product Number ending with K = bulk

3M™ Large Gauge Butt Connectors – Non-Insulated Copper Seamless

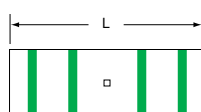


Product Number†	UPC (054007-)	Color Code	Wire Range	L	Barrel I.D.	Inner Unit Pack	Case Qty.
MC2BCX	09205	Brown	2 AWG	1.35" (34,3 mm)	0.341" (8,6 mm)	10/ box	100
MC1BCX	09206	Green	1 AWG	1.35" (34,3 mm)	0.365" (9,3 mm)	10/ box	100
MC1/0BCX	09207	Pink	1/0 AWG	1.55" (39,4 mm)	0.412" (10,5 mm)	10/ box	100
MC2/0BCX	09208	Black	2/0 AWG	1.80" (45,7 mm)	0.466" (11,8 mm)	10/ box	100
MC3/0BCX	09209	Orange	3/0 AWG	1.90" (48,3 mm)	0.516" (13,1 mm)	3/ box	30
MC4/0BCX	09210	Purple	4/0 AWG	2.00" (50,8 mm)	0.564" (14,3 mm)	3/ box	30
MC250BCX	09211	Yellow	250 kcmil	2.00" (50,8 mm)	0.595" (15,1 mm)	3/ box	30



MC2BCX
2

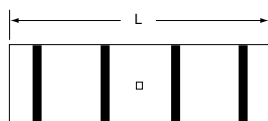
Wire Range



MC1BCX
1

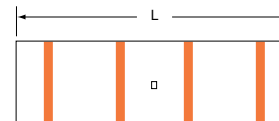


MC1/0BCX
1/0

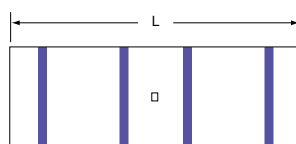


MC2/0BCX
2/0

Wire Range

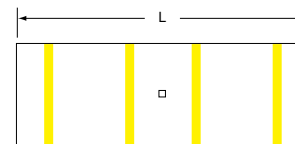


MC3/0BCX
3/0



MC4/0BCX
4/0

Wire Range

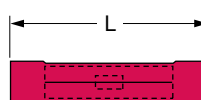


MC250BCX
250 kcmil

3M Butt Connectors – Vinyl Insulated Seamless

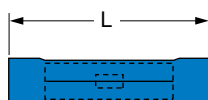


Product Number†	UPC (054007-)	Wire Range	L	Thickness	Barrel Length	Barrel I.D.	Max Insulation Diameter	Inner Unit Pack	Case Qty.
MV18BCX	22195	22-18 AWG	0.310" (7,874 mm)	0.030" (0,762 mm)	0.250" (6,35 mm)	0.070" (1,778 mm)	0.145" (3,683 mm)	100/ carton	500
MV18BCK	01312	22-18 AWG	0.310" (7,874 mm)	0.030" (0,762 mm)	0.250" (6,35 mm)	0.070" (1,778 mm)	0.145" (3,683 mm)		500
MV14BCX	23110	16-14 AWG	0.310" (7,874 mm)	0.030" (0,762 mm)	0.250" (6,35 mm)	0.090" (2,286 mm)	0.170" (4,138 mm)	100/ carton	500
MV14BCK	01817	16-14 AWG	0.310" (7,874 mm)	0.030" (0,762 mm)	0.250" (6,35 mm)	0.090" (2,286 mm)	0.170" (4,138 mm)		500
MV10BCX	24027	12-10 AWG	0.310" (7,874 mm)	0.040" (1,016 mm)	0.250" (6,35 mm)	0.135" (3,429 mm)	0.250" (6,35 mm)	50/ carton	500
MV10BCK	02078	12-10 AWG	0.310" (7,874 mm)	0.040" (1,016 mm)	0.250" (6,35 mm)	0.135" (3,429 mm)	0.250" (6,35 mm)		500

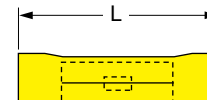


MV18BCX
22-18

Wire Range



MV14BCX
16-14



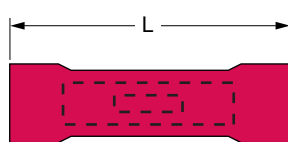
MV10BCX
12-10

†Product Number ending in X = box; Product Number ending with K = bulk

3M™ Butt Connectors – Vinyl Insulated Brazed Seam

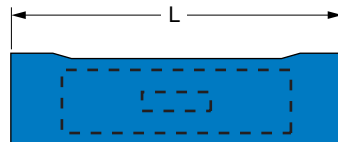


Product Number [†]	UPC (054007-)	Wire Range (AWG)	L	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
								Carton	Case
MV8BCX	15678	8	1.40	0.050	0.38	0.175	0.385	25	250
MV8BCK	02144	8	1.40	0.050	0.38	0.175	0.385	—	200
MV6BCX	49647	6	1.69	0.050	0.47	0.250	0.440	20	200
MV6BCK	02173	6	1.69	0.050	0.47	0.250	0.440	—	200
MV4BCK	02198	4	2.12	0.075	0.53	0.280	0.515	—	200

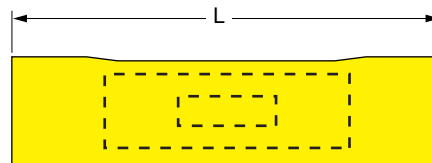


MV8BC
8

Wire Range



MV6BC
6

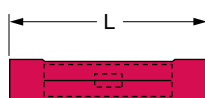


MV4BC
4

3M Butt Connectors – Vinyl Insulated Butted Seam

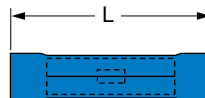


Product Number [†]	UPC (054007-)	Wire Range (AWG)	L	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
								Carton	Case
MVU18BCK	01315	22-18	1.00	0.030	0.25	0.070	0.145	—	1000
MVU14BCK	01820	16-14	1.00	0.030	0.25	0.090	0.170	—	1000
MVU10BCK	02081	12-10	1.02	0.040	0.25	0.135	0.250	—	500

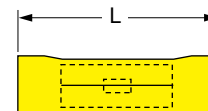


MVU18BC
22-18

Wire Range



MVU14BC
16-14

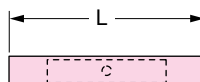


MVU10BC
12-10

3M Butt Connectors – Nylon Insulated Seamless

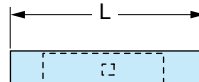


Product Number [†]	UPC (054007-)	Wire Range (AWG)	L	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
								Carton	Case
MN18BCX-A	22211	22-18	1.02	0.031	0.28	0.062	0.125	100	500
MN18BCK-A	15983	22-18	1.02	0.031	0.28	0.062	0.125	—	1000
MN14BCX-A	23136	16-14	1.02	0.031	0.30	0.095	0.155	100	500
MN14BCK-A	01819	16-14	1.02	0.031	0.30	0.095	0.155	—	1000
MN10BCX-A	24043	12-10	1.20	0.038	0.38	0.142	0.218	50	500
MN10BCK-A	02080	12-10	1.20	0.038	0.38	0.142	0.218	—	500

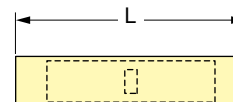


MN18BC
22-18

Wire Range

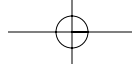


MN14BC
16-14



MN10BC
12-10

[†]Product Number ending in X = box; Product Number ending with K = bulk



3M

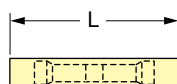
Phone 800/245 3573 Fax 800/245 0329

3M™ Butt Connectors – Nylon Insulated with Insulation Grip

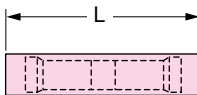


Product Number [†]	UPC (054007-)	Wire Range (AWG)	L	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
								Carton	Case
MNG24BCX*	11356	26-24	0.88	0.020	0.12	0.030	0.093	100	500
MNG24BCK*	00995	26-24	0.88	0.020	0.12	0.030	0.093	—	1000
MNG18BCX	22203	22-18	1.00	0.030	0.25	0.070	0.145	100	500
MNG18BCK	01313	22-18	1.00	0.030	0.25	0.070	0.145	—	1000
MNG14BCX	23128	16-14	1.00	0.030	0.25	0.090	0.170	100	500
MNG14BCK	01818	16-14	1.00	0.030	0.25	0.090	0.170	—	1000
MNG10BCX	24035	12-10	1.15	0.040	0.25	0.135	0.250	50	500
MNG10BCK	15967	12-10	1.15	0.040	0.25	0.135	0.250	—	500

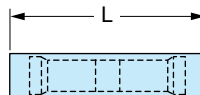
*Not UL Listed or CSA Certified



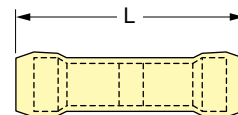
MNG24BC
26-24



MNG18BC
22-18



MNG14BC
16-14



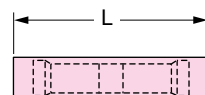
MNG10BC
12-10

Wire Range

3M Butt Connectors – Nylon Insulated with Insulation Grip Moisture Resistant



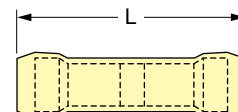
Product Number [†]	UPC (054007-)	Wire Range (AWG)	L	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
								Carton	Case
MNG18BCMX	11949	22-18	1.00	0.030	0.25	0.070	0.145	25	250
MNG18BCMK	08404	22-18	1.00	0.030	0.25	0.070	0.145	—	1000
MNG14BCMX	11950	16-14	1.00	0.030	0.25	0.090	0.170	25	250
MNG14BCMK	08405	16-14	1.00	0.030	0.25	0.090	0.170	—	1000
MNG10BCMX	11951	12-10	1.15	0.040	0.25	0.135	0.250	25	250
MNG10BCMK	08406	12-10	1.15	0.040	0.25	0.135	0.250	—	500



MNG18BCM
22-18



MNG14BCM
16-14



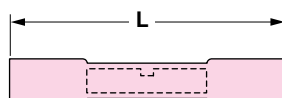
MNG10BCM
12-10

Wire Range

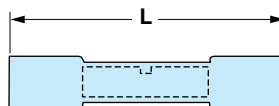
3M Butt Connectors – Heat Shrink Seamless



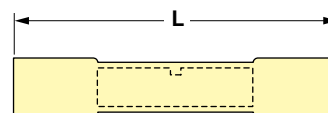
Product Number [†]	UPC (054007-)	Wire Range (AWG)	L	Thickness	Barrel Length	Barrel I.D.	Terminals per:	
							Bag	Case
MH18BCX	06342	22-18	1.2	0.031	0.28	0.062	25	100
MH18BCK	06343	22-18	1.2	0.031	0.28	0.062	—	250
MH14BCX	06318	16-14	1.3	0.031	0.30	0.095	25	100
MH14BCK	06319	16-14	1.3	0.031	0.30	0.095	—	250
MH10BCX	06300	12-10	1.5	0.031	0.38	0.142	25	100
MH10BCK	06301	12-10	1.5	0.031	0.38	0.142	—	250



MH18BC
22-18

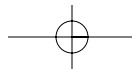


MH14BC
16-14



MH10BC
12-10

Wire Range

[†]Product Number ending in X = box; Product Number ending with K = bulk

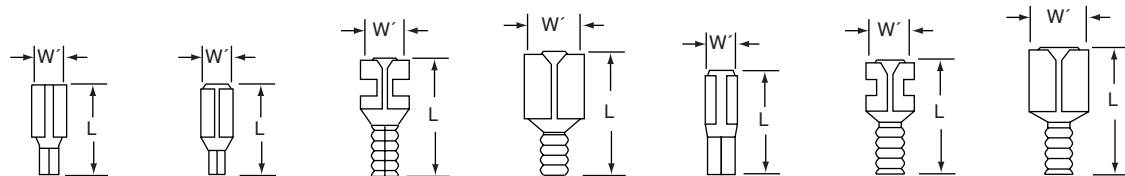
3M™ Female Disconnects – Non-Insulated Butted Seam



Product Number [†]	UPC (054007-)	Wire Range (AWG)**	Mates with Male Tab Width(W') x Thickness	L	Barrel Length	Barrel I.D.	Terminals per: Carton Case	
MU20-110DFK*	00984	26-20	0.110 x 0.020	0.48	0.13	0.055	—	1000
MU20-110/32DFK*	00985	26-20	0.110 x 0.032	0.48	0.13	0.055	—	1000
MU18-187DFK	02366	22-18	0.187 x 0.020	0.58	0.25	0.085	—	1000
MU18-250DFX	16725	22-18	0.250 x 0.032	0.66	0.25	0.080	100	500
MU18-250DFK	01300	22-18	0.250 x 0.032	0.66	0.25	0.080	—	1000
MU14-110DFX*	22815	16-14	0.110 x 0.020	0.54	0.19	0.115	100	500
MU14-110DFK*	13995	16-14	0.110 x 0.020	0.54	0.19	0.115	—	1000
MU14-187DFX	22831	16-14	0.187 x 0.020	0.58	0.25	0.085	100	500
MU14-187DFK	01767	16-14	0.187 x 0.020	0.58	0.25	0.085	—	1000
MU14-250DFX	22849	16-14	0.250 x 0.032	0.66	0.25	0.080	100	500
MU14-250DFK	01768	16-14	0.250 x 0.032	0.66	0.25	0.080	—	1000

* Not UL Listed or CSA Certified

For #10-12 AWG, see MI10-250DF.

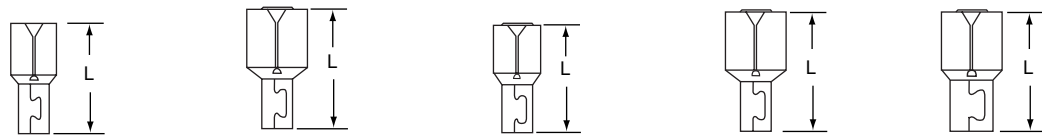


Wire Range	MU20-110DF	MU20-110/32DF	MU18-187DF	MU18-250DF	MU14-110DF	MU14-187DF	MU14-250DF
Suggested Mate	26-20 0.110 Male Tab	26-20 0.110 Male Tab	22-18 MU18-187DM	22-18 MU18-250DM	16-14 0.110 Male Tab	16-14 MU14-187DM	16-14 MU14-250DM

3M Female Disconnects – Non-Insulated Interlock Barrel



Product Number [†]	UPC (054007-)	Wire Range (AWG)	Mates with Male Tab Width(W') x Thickness	L	Barrel Length	Barrel I.D.	Terminals per: Carton Case	
MI18-187DFX	09978	22-18	0.187 x 0.020	0.57	0.25	0.080	100	500
MI18-187DFK	69560	22-18	0.187 x 0.020	0.57	0.25	0.080	—	1000
MI18-250DFX	09979	22-18	0.250 x 0.032	0.63	0.25	0.076	100	500
MI18-250DFK	69561	22-18	0.250 x 0.032	0.63	0.25	0.076	—	1000
MI14-187DFX	09976	16-14	0.187 x 0.020	0.57	0.25	0.080	100	500
MI14-187DFK	69558	16-14	0.187 x 0.020	0.57	0.25	0.080	—	1000
MI14-250DFX	09977	16-14	0.250 x 0.032	0.63	0.25	0.076	100	500
MI14-250DFK	69559	16-14	0.250 x 0.032	0.63	0.25	0.076	—	1000
MI10-250DFX	09975	12-10	0.250 x 0.032	0.64	0.25	0.128	50	500
MI10-250DFK	69557	12-10	0.250 x 0.032	0.64	0.25	0.128	—	500



Wire Range	MI18-187DF	MI18-250DF	MI14-187DF	MI14-250DF	MI10-250DF
Suggested Mate	22-18 MU18-187DM	22-18 MU18-250DF	16-14 MU14-187DM	16-14 MU14-250DM	12-10 MU10-250DM

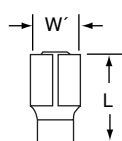
[†]Product Number ending in X = box; Product Number ending with K = bulk

3M™ Female Disconnects – Non-Insulated Butted Seam Flag



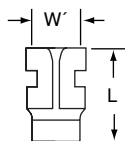
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Mates with Male Tab Width(W') x Thickness	L	Barrel Length	Barrel I.D.	Terminals per: Carton Case	
MU18-187DF/FLAGX*	22138	22-18	0.187 x 0.020	0.46	0.20	0.075	100	500
MU18-187DF/FLAGK*	01302	22-18	0.187 x 0.020	0.46	0.20	0.075	—	1000
MU18-250DF/FLAGX	22146	22-18	0.250 x 0.032	0.50	0.25	0.075	100	500
MU18-250DF/FLAGK	01303	22-18	0.250 x 0.032	0.50	0.25	0.075	—	1000
MU14-187DF/FLAGX*	22948	16-14	0.187 x 0.020	0.47	0.20	0.095	100	500
MU14-187DF/FLAGK*	01778	16-14	0.187 x 0.020	0.47	0.20	0.095	—	1000
MU14-250DF/FLAGX	22955	16-14	0.250 x 0.032	0.51	0.26	0.095	100	500
MU14-250DF/FLAGK	01779	16-14	0.250 x 0.032	0.51	0.26	0.095	—	1000
MU10-250DF/FLAGK	02245	12-10	0.250 x 0.032	0.63	0.25	0.175	—	500

* Not UL Listed or CSA Certified



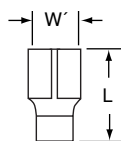
MU18-187DF/FLAG

Wire Range 22-18
Suggested Mate 0.187 Male Tab



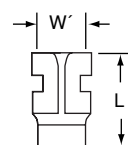
MU18-250DF/FLAG

Wire Range 22-18
Suggested Mate 0.250 Male Tab



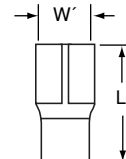
MU14-187DF/FLAG

Wire Range 16-14
Suggested Mate 0.187 Male Tab



MU14-250DF/FLAG

Wire Range 16-14
Suggested Mate 0.250 Male Tab



MU10-250DF/FLAG

Wire Range 12-10
Suggested Mate 0.250 Male Tab

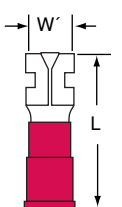
3M Female Disconnects – Vinyl Insulated Butted Seam



Product Number [†]	UPC (054007-)	Wire Range (AWG)**	Mates with Male Tab Width(W') x Thickness	L	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per: Carton Case	
MVU18-187DFK	02368	22-18	0.187 x 0.020	0.78	0.25	0.085	0.145	—	1000
MVU18-250DFX	11820	22-18	0.250 x 0.032	0.87	0.25	0.080	0.145	100	500
MVU18-250DFK	01301	22-18	0.250 x 0.032	0.87	0.25	0.080	0.145	—	1000
MVU14-110DFX*	22856	16-14	0.110 x 0.020	0.81	0.19	0.115	0.145	100	500
MVU14-110DFK*	01775	16-14	0.110 x 0.020	0.81	0.19	0.115	0.145	—	1000
MVU14-187DFX	22872	16-14	0.187 x 0.020	0.78	0.25	0.085	0.145	100	500
MVU14-187DFK	01776	16-14	0.187 x 0.020	0.78	0.25	0.085	0.145	—	1000
MVU14-250DFX	22880	16-14	0.250 x 0.032	0.87	0.25	0.080	0.145	100	500
MVU14-250DFK	01777	16-14	0.250 x 0.032	0.87	0.25	0.080	0.145	—	1000

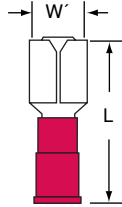
* Not UL Listed or CSA Certified

** For #10-12 AWG, MVU10-250DF has been substituted with MVI10-250DF.



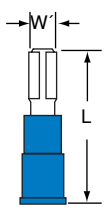
MVU18-187DF

Wire Range 22-18
Suggested Mate MVU18-187DM



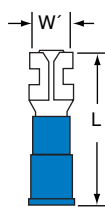
MVU18-250DF

Wire Range 22-18
Suggested Mate MVU18-250DM



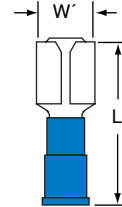
MVU14-110DF

Wire Range 16-14
Suggested Mate 0.110 Male Tab



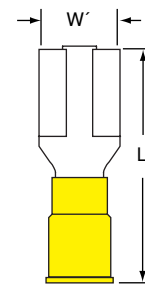
MVU14-187DF

Wire Range 16-14
Suggested Mate MVU14-187DM



MVU14-250DF

Wire Range 16-14
Suggested Mate MVU14-250DM



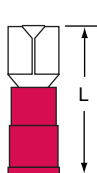
MVU10-375DF

Wire Range 12-10
Suggested Mate 0.375 Male Tab

3M™ Female Disconnects – Vinyl Insulated Interlock Barrel



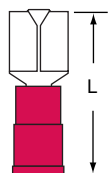
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Mates with Male Tab Width(W') x Thickness	L	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per: Carton Case	
MVI18-187DFX	09996	22-18	0.187 x 0.020	0.77	0.25	0.080	0.145	100	500
MVI18-187DFK	69581	22-18	0.187 x 0.020	0.77	0.25	0.080	0.145	—	1000
MVI18-250DFX	09997	22-18	0.250 x 0.032	0.83	0.25	0.076	0.145	100	500
MVI18-250DFK	69582	22-18	0.250 x 0.032	0.83	0.25	0.076	0.145	—	1000
MVI14-187DFX	09999	16-14	0.187 x 0.020	0.77	0.25	0.080	0.145	100	500
MVI14-187DFK	69579	16-14	0.187 x 0.020	0.77	0.25	0.080	0.145	—	1000
MVI14-250DFX	69556	16-14	0.250 x 0.032	0.83	0.25	0.076	0.145	100	500
MVI14-250DFK	69580	16-14	0.250 x 0.032	0.83	0.25	0.076	0.145	—	1000
MVI10-250DFX	09998	12-10	0.250 x 0.032	0.95	0.25	0.128	0.250	50	500
MVI10-250DFK	69578	12-10	0.250 x 0.032	0.95	0.25	0.128	0.250	—	500



MVI18-187DF
22-18

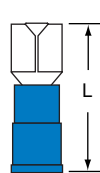
Wire Range
Suggested Mate

MVU18-187DM



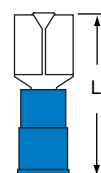
MVI18-250DF
22-18

MVU18-250DM



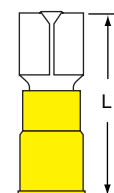
MVI14-187DF
16-14

MVU14-187DM



MVI14-250DF
16-14

MVU14-250DM



MVI10-250DF
12-10

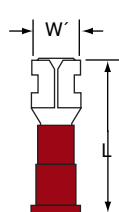
MVU10-250DM

3M Female Disconnects – Nylon Insulated with Insulation Grip



Product Number [†]	UPC (054007-)	Wire Range (AWG)	Mates with Male Tab Width(W') x Thickness	L	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per: Carton Case	
MNG18-187DFK	02405	22-18	0.187 x 0.020	0.77	0.25	0.085	0.145	—	1000
MNG18-250DFX	02393	22-18	0.250 x 0.032	0.86	0.25	0.080	0.145	100	500
MNG18-250DFK	02369	22-18	0.250 x 0.032	0.86	0.25	0.080	0.145	—	1000
MNG14-110DFX*	22898	16-14	0.110 x 0.020	0.80	0.19	0.115	0.145	100	500
MNG14-110DFK*	01772	16-14	0.110 x 0.020	0.80	0.19	0.115	0.145	—	1000
MNG14-187DFX	22914	16-14	0.187 x 0.020	0.77	0.25	0.085	0.145	100	500
MNG14-187DFK	01773	16-14	0.187 x 0.020	0.77	0.25	0.085	0.145	—	1000
MNG14-250DFX	22930	16-14	0.250 x 0.032	0.86	0.25	0.080	0.145	100	500
MNG14-250DFK	01774	16-14	0.250 x 0.032	0.86	0.25	0.080	0.145	—	1000
MNG10-375DFK*	02053	12-10	0.375 x 0.050	1.23	0.25	0.175	0.250	—	500

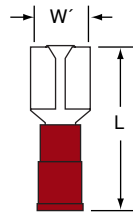
* Not UL Listed or CSA Certified



MNG18-187DF
22-18

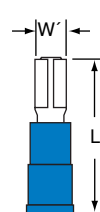
Wire Range
Suggested Mate

MNG18-187DM



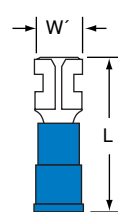
MNG18-250DF
22-18

MNG18-250DM



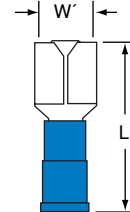
MNG14-110DF
16-14

0.110 Male Tab



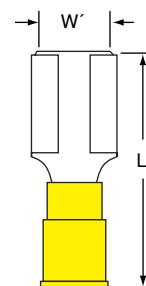
MNG14-187DF
16-14

MNG14-187DM



MNG14-250DF
16-14

MNG14-250DM



MNG10-375DF
12-10

0.375 Male Tab

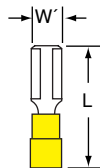
[†]Product Number ending in X = box; Product Number ending with K = bulk

3M Female Disconnects – Vinyl Insulated with Insulation Grip

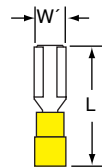


Product Number [†]	UPC (054007-)	Wire Range (AWG)	Mates with Male Tab Width(W') x Thickness	L	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per: Carton Case	
MVG24-110DFK*	95151	26-20	0.110 x 0.020	0.63	0.13	0.055	0.093	—	1000
MVG24-110/32DFX*	95176	26-20	0.110 x 0.032	0.63	0.13	0.055	0.093	100	500

* Not UL Listed or CSA Certified



MVG24-110DF
26-20
0.110 Male Tab



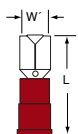
MVG24-110/32DF
26-20
0.110 Male Tab

Wire Range
Suggested Mate

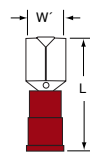
3M™ Female Disconnects–Nylon Insulated with Insulation Grip Interlock Barrel



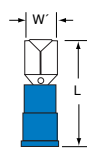
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Mates with Male Tab Width(W') x Thickness	L	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per: Carton Case	
MNGI18-187DFX	09989	22-18	0.187 x 0.020	0.77	0.25	0.080	0.145	100	500
MNGI18-187DFK	69571	22-18	0.187 x 0.020	0.77	0.25	0.080	0.145	—	1000
MNGI18-250DFX	09990	22-18	0.250 x 0.032	0.83	0.25	0.076	0.145	100	500
MNGI18-250DFK	69572	22-18	0.250 x 0.032	0.83	0.25	0.076	0.145	—	1000
MNGI14-187DFX	09987	16-14	0.187 x 0.020	0.77	0.25	0.080	0.145	100	500
MNGI14-187DFK	69569	16-14	0.187 x 0.020	0.77	0.25	0.080	0.145	—	1000
MNGI14-250DFX	09988	16-14	0.250 x 0.032	0.83	0.25	0.076	0.145	100	500
MNGI14-250DFK	69570	16-14	0.250 x 0.032	0.83	0.25	0.076	0.145	—	1000
MNGI10-250DFX	09986	12-10	0.250 x 0.032	0.94	0.25	0.128	0.250	50	500
MNGI10-250DFK	69568	12-10	0.250 x 0.032	0.94	0.25	0.128	0.250	—	500



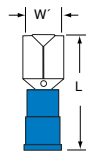
MNGI18-187DF
22-18
MNG18-187DM



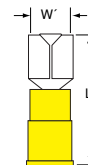
MNGI18-250DF
22-18
MNG18-250DM



MNGI14-187DF
16-14
MNG14-187DM



MNGI14-250DF
16-14
MNG14-250DM



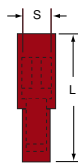
MNGI10-250DF
12-10
MNG10-250DM

Wire Range
Suggested Mate

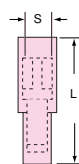
3M Female Disconnects – Nylon Insulated with Insulation Grip Bullet Style



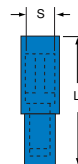
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Mating Snap Diameter S	L	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per: Carton Case	
MNG18-156DFIK	01305	22-18	0.156	1.02	0.25	0.095	0.145	—	1000
MNG18-180DFIK	02254	22-18	0.180	1.02	0.25	0.095	0.145	—	1000
MNG14-156DFIX	11712	16-14	0.156	1.02	0.25	0.115	0.170	100	500
MNG14-156DFIK	01782	16-14	0.156	1.02	0.25	0.115	0.170	—	1000
MNG14-180DFIX	11713	16-14	0.180	1.02	0.25	0.115	0.170	100	500
MNG14-180DFIK	02268	16-14	0.180	1.02	0.25	0.115	0.170	—	1000



MNG18-156DFI
22-18
MNG18-156DM



MNG18-180DFI
22-18
MNG18-180DM



MNG14-156DFI
16-14
MNG14-156DM



MNG14-180DFI
16-14
MNG14-180DM

Wire Range
Suggested Mate

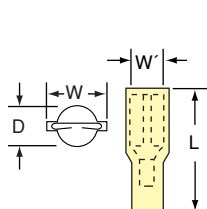
[†]Product Number ending in X = box; Product Number ending with K = bulk

3M™ Female Disconnects – Nylon Fully Insulated Butted Seam

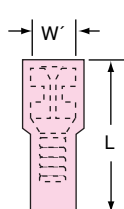


Product Number [†]	UPC (054007-)	Wire Range (AWG)**	Mates with Male Tab Width(W') x Thickness	L	W	D	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per: Carton Case	
MNU20-110DFIK*	02396	26-20	0.110 x 0.020 0.125 x 0.020	0.66	0.22	0.15	0.13	0.055	0.093	—	1000
MNU18-187DFIX	02353	22-18	0.187 x 0.020	0.81	0.30	0.23	0.25	0.085	0.145	100	500
MNU18-187DFIK	02370	22-18	0.187 x 0.020	0.81	0.30	0.23	0.25	0.085	0.145	—	1000
MNU18-250DFIX	02286	22-18	0.250 x 0.032	0.87	0.37	0.23	0.25	0.080	0.145	100	500
MNU18-250DFIK	02290	22-18	0.250 x 0.032	0.87	0.37	0.23	0.25	0.080	0.145	—	1000
MNU14-187DFIX	02387	16-14	0.187 x 0.020	0.81	0.30	0.23	0.25	0.085	0.145	100	500
MNU14-187DFIK	02384	16-14	0.187 x 0.020	0.81	0.30	0.23	0.25	0.085	0.145	—	1000
MNU14-250DFIX	02287	16-14	0.250 x 0.032	0.87	0.37	0.23	0.25	0.080	0.145	50	500
MNU14-250DFIK	02291	16-14	0.250 x 0.032	0.87	0.37	0.23	0.25	0.080	0.145	—	1000

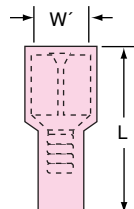
* Not UL Listed or CSA Certified
For #10-12 AWG, see MNI10-250DFI.



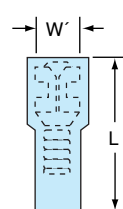
Stud Size MNU20-110DFI
Wire Range 26-20
Suggested Mate 0.110 Male Tab



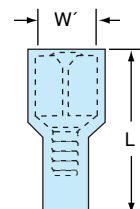
MNU18-187DFI
22-18
MNU18-187DMI



MNU18-250DFI
22-18
MNU18-250DMI



MNU14-187DFI
16-14
MNU14-187DMI



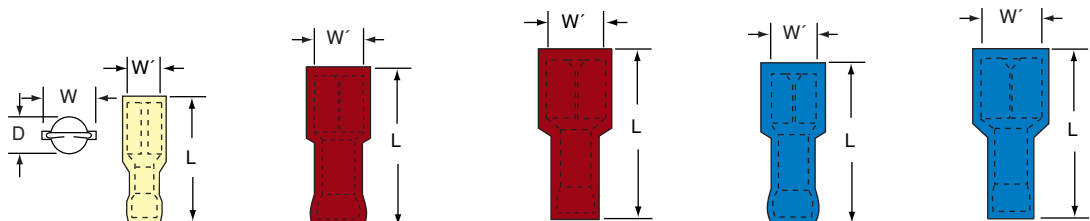
MNU14-250DFI
16-14
MNU14-250DMI

[†]Product Number ending in X = box; Product Number ending with K = bulk

3M™ Female Disconnects – Nylon Fully Insulated with Insulation Grip

Product Number [†]	UPC (054007-)	Wire Range (AWG)	Mates with Male Tab Width(W') x Thickness	L	W	D	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per: Carton Case	
MNG20-110DFIK*	00996	26-20	0.110-0.125 x 0.020	0.66	0.22	0.15	0.13	0.055	0.093	—	1000
MNG18-187DFIX	11704	22-18	0.187 x 0.020	0.81	0.30	0.23	0.25	0.085	0.145	100	500
MNG18-187DFIK	11816	22-18	0.187 x 0.020	0.81	0.30	0.23	0.25	0.085	0.145	—	1000
MNG18-250DFIX	11705	22-18	0.250 x 0.032	0.87	0.37	0.23	0.25	0.080	0.145	100	500
MNG18-250DFIK	02293	22-18	0.250 x 0.032	0.87	0.37	0.23	0.25	0.080	0.145	—	1000
MNG14-187DFIX	11715	16-14	0.187 x 0.020	0.81	0.30	0.23	0.25	0.085	0.145	100	500
MNG14-187DFIK	15975	16-14	0.187 x 0.020	0.81	0.30	0.23	0.25	0.085	0.145	—	1000
MNG14-250DFIX	11716	16-14	0.250 x 0.032	0.87	0.37	0.23	0.25	0.080	0.145	100	500
MNG14-250DFIK	01841	16-14	0.250 x 0.032	0.87	0.37	0.23	0.25	0.080	0.145	—	1000

* Not UL Listed or CSA Certified



Stud Size
Wire Range
Suggested Mate

MNG20-110DFI
26-20
0.110 Male Tab

MNG18-187DFI
22-18
MNG18-187DMI

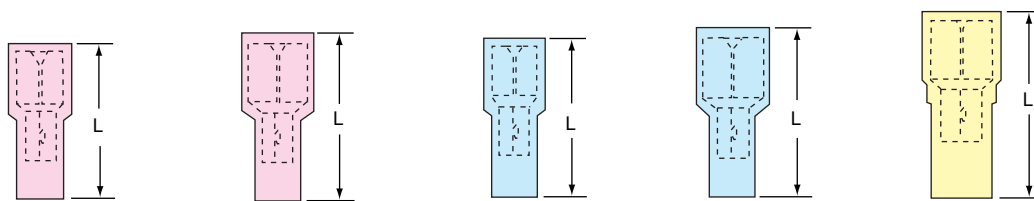
MNG18-250DFI
22-18
MNG18-250DMI

MNG14-187DFI
16-14
MNG14-187DMI

MNG14-250DFI
16-14
MNG14-250DMI

3M Female Disconnects – Nylon Fully Insulated Interlock Barrel

Product Number [†]	UPC (054007-)	Wire Range (AWG)	Mates with Male Tab Width(W') x Thickness	L	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per: Carton Case	
MNI18-187DFIX	09994	22-18	0.187 x 0.020	0.81	0.25	0.080	0.145	100	500
MNI18-187DFIK	69576	22-18	0.187 x 0.020	0.81	0.25	0.080	0.145	—	1000
MNI18-250DFIX	09995	22-18	0.250 x 0.032	0.91	0.25	0.076	0.145	100	500
MNI18-250DFIK	69577	22-18	0.250 x 0.032	0.91	0.25	0.076	0.145	—	1000
MNI14-187DFIX	09992	16-14	0.187 x 0.020	0.81	0.25	0.080	0.145	100	500
MNI14-187DFIK	69574	16-14	0.187 x 0.020	0.81	0.25	0.080	0.145	—	1000
MNI14-250DFIX	09993	16-14	0.250 x 0.032	0.91	0.25	0.076	0.145	100	500
MNI14-250DFIK	69575	16-14	0.250 x 0.032	0.91	0.25	0.076	0.145	—	1000
MNI10-250DFIX	09991	12-10	0.250 x 0.032	0.99	0.25	0.128	0.250	50	500
MNI10-250DFIK	69573	12-10	0.250 x 0.032	0.99	0.25	0.128	0.250	—	500



Wire Range
Suggested Mate

MNI18-187DFI
22-18
MNU18-187DMI

MNI18-250DFI
22-18
MNI18-250DMI

MNI14-187DFI
16-14
MNU14-187DMI

MNI14-250DFI
16-14
MNU14-250DMI

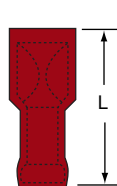
MNI10-250DFI
12-10
MNU10-250DMI

[†]Product Number ending in X = box; Product Number ending with K = bulk

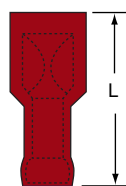
3M™ Female Disconnects – Nylon Fully Insulated with Insulation Grip Interlock Barrel



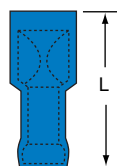
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Mates with Male Tab Width(W') x Thickness	L	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per: Carton	Case
MNGI18-187DFIX	09984	22-18	0.187 x 0.020	0.81	0.25	0.080	0.145	100	500
MNGI18-187DFIK	69566	22-18	0.187 x 0.020	0.81	0.25	0.080	0.145	—	1000
MNGI18-250DFIX	09985	22-18	0.250 x 0.032	0.87	0.25	0.076	0.145	100	500
MNGI18-250DFIK	69567	22-18	0.250 x 0.032	0.87	0.25	0.076	0.145	—	1000
MNGI14-187DFIX	09982	16-14	0.187 x 0.020	0.81	0.25	0.080	0.145	100	500
MNGI14-187DFIK	69564	16-14	0.187 x 0.020	0.81	0.25	0.080	0.145	—	1000
MNGI14-250DFIX	09983	16-14	0.250 x 0.032	0.87	0.25	0.076	0.145	100	500
MNGI14-250DFIK	69565	16-14	0.250 x 0.032	0.87	0.25	0.076	0.145	—	1000
MNGI10-250DFIX	09981	12-10	0.250 x 0.032	0.99	0.25	0.128	0.250	50	500
MNGI10-250DFIK	69563	12-10	0.250 x 0.032	0.99	0.25	0.128	0.250	—	500



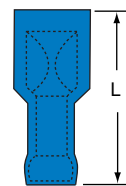
MNGI18-187DFI
22-18
Suggested Mate
MNG18-187DMI



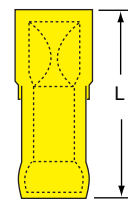
MNGI18-250DFI
22-18
Suggested Mate
MNG18-250DMI



MNGI14-187DFI
16-14
Suggested Mate
MNG14-187DMI



MNGI14-250DFI
16-14
Suggested Mate
MNG14-250DMI



MNGI10-250DFI
12-10
Suggested Mate
MNG10-250DMI

3M Female Disconnects – T-Tap Nylon Insulated Self-Stripping



Product Number [†]	UPC (054007-)	Wire Range (AWG)	Mates with Male Tab Width(W') x Thickness	L	H	W	Maximum Insulation Diameter	Terminals per: Carton	Case
951X	12312	22-18	0.250 x 0.032	0.73	0.44	0.38	0.150	50	500
951K	12313	22-18	0.250 x 0.032	0.73	0.44	0.38	0.150	—	1000
952X	08427	16-14	0.250 x 0.032	0.73	0.44	0.38	0.150	50	500
952K	08428	16-14	0.250 x 0.032	0.73	0.44	0.38	0.150	—	1000
953X	12314	12	0.250 x 0.032	0.73	0.44	0.38	0.150	50	500
953K	12315	12	0.250 x 0.032	0.73	0.44	0.38	0.150	—	1000



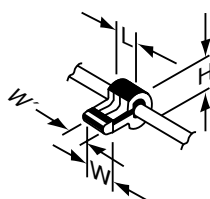
951
22-18
Suggested Mate
MNG18-250DMI



952
18-16-14
Suggested Mate
MNG14-250DMI



953
12
Suggested Mate
MNG10-250DMI

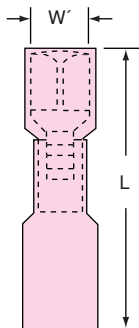
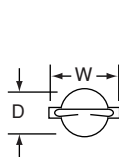


[†]Product Number ending in X = box; Product Number ending with K = bulk

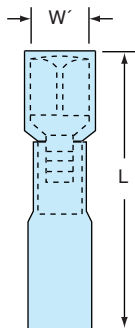
3M™ Female Disconnects – Heat Shrink Nylon Fully Insulated

Product Number [†]	UPC (054007-)	Wire Range (AWG)	Mates with Male Tab Width(W') x Thickness	L	W	D	Barrel Length	Barrel I.D.	Terminals per: Bag Case	
MNHU18-250DFIX*	06354	22-18	0.250 x 0.032	1.2	0.37	0.23	0.25	0.080	25	100
MNHU18-250DFIK*	06355	22-18	0.250 x 0.032	1.2	0.37	0.23	0.25	0.080	—	250
MNHU14-250DFIX*	06338	16-14	0.250 x 0.032	1.2	0.37	0.23	0.25	0.080	25	100
MNHU14-250DFIK*	06339	16-14	0.250 x 0.032	1.2	0.37	0.23	0.25	0.080	—	250
MNHI10-250DFIX	06314	12-10	0.250 x 0.032	1.2	0.39	0.32	0.25	0.165	25	100
MNHI10-250DFIK	06315	12-10	0.250 x 0.032	1.2	0.39	0.32	0.25	0.165	—	250

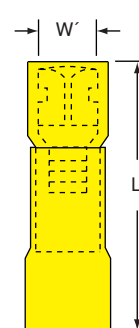
*Windowless receptacle



MNHU18-250DFI
22-18
Suggested Mate
MNHU18-250DMI



MNHU14-250DFI
16-14
Suggested Mate
MNHU14-250DMI

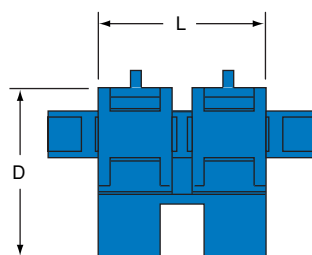


MNHI10-250DFI
12-10
Suggested Mate
MNHU10-250DMI

3M Female Disconnects – Fuseholder Polypropylene Insulated Self-Stripping

Product Number [†]	UPC (054007-)	Wire Range (AWG)	Mates with Male Tab Width(W') x Thickness	L	H	D	Maximum Insulation Diameter	Terminals per: Carton Case	
972X	06171	18-14	0.205 x 0.025	1.37	0.44	0.95	0.145	25	250
972K	06172	18-14	0.205 x 0.025	1.37	0.44	0.95	0.145	—	1000

For use with flat blade automotive type fuse of 30V or less.



972
18-14
ATO Auto Fuse

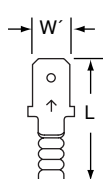
Wire Range
Suggested Mate

[†]Product Number ending in X = box; Product Number ending with K = bulk

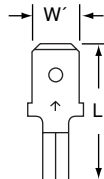
3M™ Male Disconnects – Non-Insulated Butted Seam



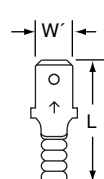
Product Number ¹	UPC (054007-)	Wire Range (AWG)	Male Tab Width (W') x Thickness	L	Barrel Length	Barrel I.D.	Terminals per: Carton Case	
MU18-187DMK	02372	22-18	0.187 x 0.020	0.64	0.24	0.080	—	1000
MU18-250DMK	02364	22-18	0.250 x 0.032	0.73	0.25	0.065	—	1000
MU14-187DMK	01783	16-14	0.187 x 0.020	0.64	0.24	0.080	—	1000
MU14-250DMX	22971	16-14	0.250 x 0.032	0.73	0.25	0.085	100	500
MU14-250DMK	01784	16-14	0.250 x 0.032	0.73	0.25	0.085	—	1000
MU10-250DMX	23912	12-10	0.250 x 0.032	0.75	0.25	0.150	100	500
MU10-250DMK	02056	12-10	0.250 x 0.032	0.75	0.25	0.150	—	500



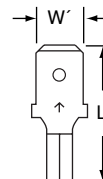
MU18-187DM
22-18
Suggested Mate MU18-187DF



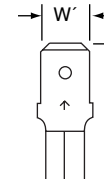
MU18-250DM
22-18
Suggested Mate MU18-250DF



MU14-187DM
16-14
Suggested Mate MU14-187DF



MU14-250DM
16-14
Suggested Mate MU14-250DF

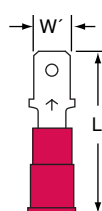


MU10-250DM
12-10
Suggested Mate MU10-250DF

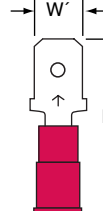
3M Male Disconnects – Vinyl Insulated Butted Seam



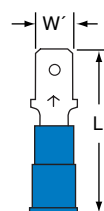
Product Number ¹	UPC (054007-)	Wire Range (AWG)	Male Tab Width (W') x Thickness	L	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per: Carton Case	
MVU18-187DMK	02375	22-18	0.187 x 0.020	0.85	0.24	0.080	0.145	—	1000
MVU18-250DMX	11822	22-18	0.250 x 0.032	0.93	0.25	0.065	0.145	100	500
MVU18-250DMK	02376	22-18	0.250 x 0.032	0.93	0.25	0.065	0.145	—	1000
MVU14-187DMX	22989	16-14	0.187 x 0.020	0.85	0.24	0.080	0.145	100	500
MVU14-187DMK	01789	16-14	0.187 x 0.020	0.85	0.24	0.080	0.145	—	1000
MVU14-250DMX	22997	16-14	0.250 x 0.032	0.93	0.25	0.085	0.170	100	500
MVU14-250DMK	01790	16-14	0.250 x 0.032	0.93	0.25	0.085	0.170	—	1000
MVU10-250DMX	23920	12-10	0.250 x 0.032	1.05	0.25	0.150	0.250	50	500
MVU10-250DMK	02059	12-10	0.250 x 0.032	1.05	0.25	0.150	0.250	—	500



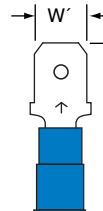
MVU18-187DM*
22-18
Suggested Mate MVU18-187DF



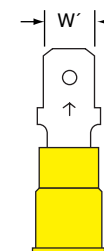
MVU18-250DM
22-18
Suggested Mate MVU18-250DF



MVU14-187DM
16-14
Suggested Mate MVU14-187DF



MVU14-250DM
16-14
Suggested Mate MVU14-250DF



MVU10-250DM
12-10
Suggested Mate MVI10-250DF

¹Product Number ending in X = box; Product Number ending with K = bulk

3M

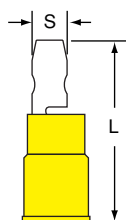
Fax 800/245 0329

Phone 800/245 3573

3M™ Male Disconnects – Vinyl Insulated Butted Seam Bullet Style

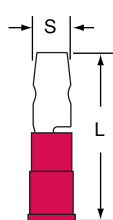


Product Number [†]	UPC (054007-)	Wire Range (AWG)	Mating Snap Diameter S	L	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per: Carton Case	
MVU18-156DMK	02259	22-18	0.156	0.85	0.19	0.070	0.145	—	1000
MVU18-180DMK	02260	22-18	0.180	0.85	0.19	0.070	0.145	—	1000
MVU14-156DMX	06108	16-14	0.156	0.85	0.19	0.090	0.170	100	500
MVU14-156DMK	01813	16-14	0.156	0.85	0.19	0.090	0.170	—	1000
MVU14-180DMX	23094	16-14	0.180	0.85	0.19	0.090	0.170	100	500
MVU14-180DMK	01814	16-14	0.180	0.85	0.19	0.090	0.170	—	1000
MVU10-156DMK	02075	12-10	0.156	0.94	0.22	0.155	0.250	—	500



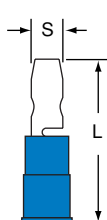
MVU18-156DM

22-18

Suggested Mate
MNU18-156DFI

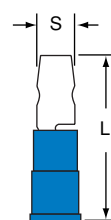
MVU18-180DM

22-18

Suggested Mate
MNU18-180DFI

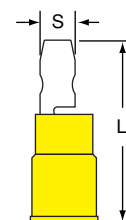
MVU14-156DM

16-14

Suggested Mate
MNU14-156DFI

MVU14-180DM

16-14

Suggested Mate
MNU14-180DFI

MVU10-156DM

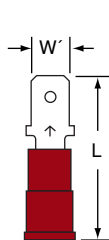
12-10

Suggested Mate
0.156 Female Bullet

3M Male Disconnects – Nylon Insulated with Insulation Grip

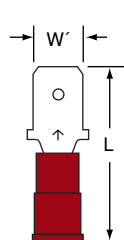


Product Number [†]	UPC (054007-)	Wire Range (AWG)	Male Tab Width(W') x Thickness	L	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per: Carton Case	
MNG18-187DMK	02377	22-18	0.187 x 0.020	0.84	0.24	0.080	0.145	—	1000
MNG18-250DMX	02365	22-18	0.250 x 0.032	0.92	0.25	0.065	0.145	100	500
MNG18-250DMK	02378	22-18	0.250 x 0.032	0.92	0.25	0.065	0.145	—	1000
MNG14-187DMX	23003	16-14	0.187 x 0.020	0.84	0.24	0.080	0.145	100	500
MNG14-187DMK	01787	16-14	0.187 x 0.020	0.84	0.24	0.080	0.145	—	1000
MNG14-250DMX	23011	16-14	0.250 x 0.032	0.94	0.25	0.085	0.170	100	500
MNG14-250DMK	01788	16-14	0.250 x 0.032	0.94	0.25	0.085	0.170	—	1000
MNG10-250DMX	23938	12-10	0.250 x 0.032	1.05	0.25	0.150	0.250	50	500
MNG10-250DMK	02058	12-10	0.250 x 0.032	1.05	0.25	0.150	0.250	—	500



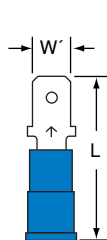
MNG18-187DM

22-18

Suggested Mate
MNG18-187DF

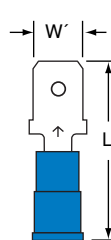
MNG18-250DM

22-18

Suggested Mate
MNG18-250DF

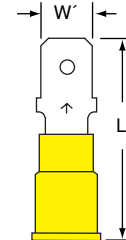
MNG14-187DM

16-14

Suggested Mate
MNG14-187DF

MNG14-250DM

16-14

Suggested Mate
MNG14-250DF

MNG10-250DM

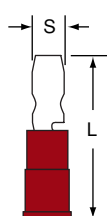
12-10

Suggested Mate
MNG10-250DF

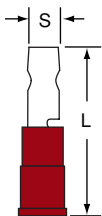
[†]Product Number ending in X = box; Product Number ending with K = bulk

3M™ Male Disconnects – Nylon Insulated with Insulation Grip Bullet Style

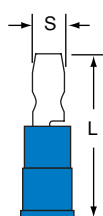
Product Number ¹	UPC (054007-)	Wire Range (AWG)	Mating Snap Diameter		Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
			S	L				Carton	Case
MNG18-156DMK	02240	22-18	0.156	0.85	0.19	0.070	0.145	—	1000
MNG18-180DMK	02241	22-18	0.180	0.85	0.19	0.070	0.145	—	1000
MNG14-156DMX	49634	16-14	0.156	0.87	0.19	0.090	0.170	100	500
MNG14-156DMK	01811	16-14	0.156	0.87	0.19	0.090	0.170	—	1000
MNG14-180DMK	01812	16-14	0.180	0.87	0.19	0.090	0.170	—	1000
MNG10-156DMK	02074	12-10	0.156	0.94	0.22	0.155	0.250	—	500



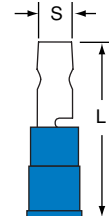
MNG18-156DM
22-18
Suggested Mate
MNG18-156DFI



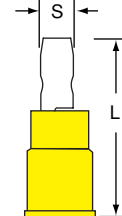
MNG18-180DM
22-18
Suggested Mate
MNG18-180DFI



MNG14-156DM
16-14
Suggested Mate
MNG14-156DFI



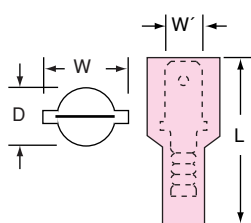
MNG14-180DM
16-14
Suggested Mate
MNG14-180DFI



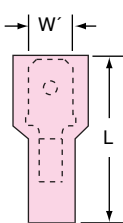
MNG10-156DM
12-10
Suggested Mate
0.156 Female Bullet

3M Male Disconnects – Nylon Fully Insulated Butted Seam

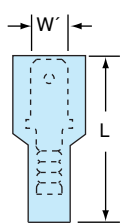
Product Number ¹	UPC (054007-)	Wire Range (AWG)	Male Tab Width(W') x Thickness	L W D			Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
				L	W	D				Carton	Case
MNU18-187DMIX	02354	22-18	0.187 x 0.020	0.87	0.37	0.30	0.24	0.080	0.145	100	500
MNU18-187DMIK	02379	22-18	0.187 x 0.020	0.87	0.37	0.30	0.24	0.080	0.145	—	1000
MNU18-250DMIX	02289	22-18	0.250 x 0.032	0.95	0.44	0.30	0.25	0.065	0.145	100	500
MNU18-250DMIK	02299	22-18	0.250 x 0.032	0.95	0.44	0.30	0.25	0.065	0.145	—	1000
MNU14-187DMIX	02381	16-14	0.187 x 0.020	0.87	0.37	0.30	0.24	0.080	0.145	100	500
MNU14-187DMIK	02385	16-14	0.187 x 0.020	0.87	0.37	0.30	0.24	0.080	0.145	—	1000
MNU14-250DMIX	02306	16-14	0.250 x 0.032	0.95	0.44	0.30	0.25	0.085	0.170	50	500
MNU14-250DMIK	02300	16-14	0.250 x 0.032	0.95	0.44	0.30	0.25	0.085	0.170	—	1000
MNU10-250DMIX	02307	12-10	0.250 x 0.032	1.05	0.47	0.39	0.25	0.150	0.250	50	500
MNU10-250DMIK	02301	12-10	0.250 x 0.032	1.05	0.47	0.39	0.25	0.150	0.250	—	500



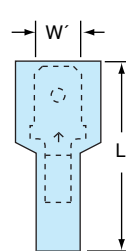
MNU18-187DMI
22-18
Suggested Mate
MNU18-187DFI



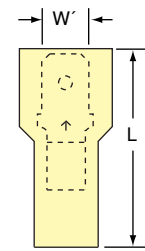
MNU18-250DMI
22-18
Suggested Mate
MNU18-250DFI



MNU14-187DMI
16-14
Suggested Mate
MNU14-187DFI



MNU14-250DMI
16-14
Suggested Mate
MNU14-250DFI



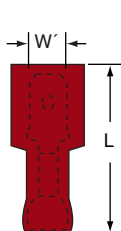
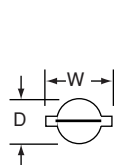
MNU10-250DMI
12-10
Suggested Mate
MNU10-250DFI

¹Product Number ending in X = box; Product Number ending with K = bulk

3M™ Male Disconnects – Nylon Fully Insulated with Insulation Grip



Product Number ¹	UPC (054007-)	Wire Range (AWG)	Male Tab Width(W') x Thickness	L	W	D	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per:	
										Carton	Case
MNG18-187DMIX	11710	22-18	0.187 x 0.020	0.87	0.37	0.30	0.24	0.080	0.145	100	500
MNG18-187DMIK	11794	22-18	0.187 x 0.020	0.87	0.37	0.30	0.24	0.080	0.145	—	1000
MNG18-250DMIX	11711	22-18	0.250 x 0.032	0.95	0.44	0.30	0.25	0.065	0.145	100	500
MNG18-250DMIK	02302	22-18	0.250 x 0.032	0.95	0.44	0.30	0.25	0.065	0.145	—	1000
MNG14-187DMIX	11722	16-14	0.187 x 0.020	0.87	0.37	0.30	0.24	0.080	0.145	100	500
MNG14-187DMIK	02386	16-14	0.187 x 0.020	0.87	0.37	0.30	0.24	0.080	0.145	—	1000
MNG14-250DMIX	11723	16-14	0.250 x 0.032	0.95	0.44	0.30	0.25	0.085	0.170	100	500
MNG14-250DMIK	02249	16-14	0.250 x 0.032	0.95	0.44	0.30	0.25	0.085	0.170	—	1000
MNG10-250DMIX	11729	12-10	0.250 x 0.032	1.05	0.47	0.39	0.25	0.150	0.250	50	500
MNG10-250DMIK	02303	12-10	0.250 x 0.032	1.05	0.47	0.39	0.25	0.150	0.250	—	500



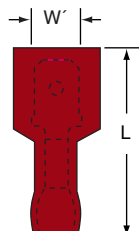
MNG18-187DMI

22-18

Wire Range

Suggested Mate

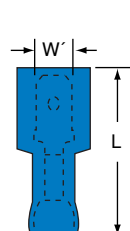
MNG18-187DFI



MNG18-250DMI

22-18

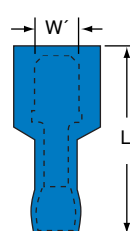
MNG18-250DFI



MNG14-187DMI

16-14

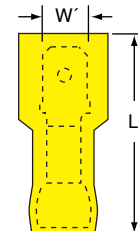
MNG14-187DFI



MNG14-250DMI

16-14

MNG14-250DFI



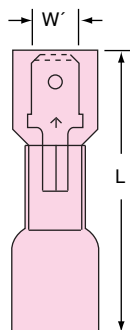
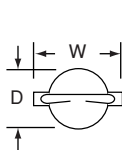
MNG10-250DMI

12-10

MNG10-250DFI

3M Male Disconnects – Heat Shrink Nylon Fully Insulated Butted Seam

Product Number ¹	UPC (054007-)	Wire Range (AWG)	Male Tab Width(W') x Thickness	L	W	D	Barrel Length	Barrel I.D.	Terminals per:	
									Bag	Case
MNHU18-250DMIX	06356	22-18	0.250 x 0.032	1.2	0.44	0.30	0.25	0.065	25	100
MNHU18-250DMIK	06357	22-18	0.250 x 0.032	1.2	0.44	0.30	0.25	0.065	—	250
MNHU14-250DMIX	06340	16-14	0.250 x 0.032	1.2	0.44	0.30	0.25	0.085	25	100
MNHU14-250DMIK	06341	16-14	0.250 x 0.032	1.2	0.44	0.30	0.25	0.085	—	250
MNHU10-250DMIX	06316	12-10	0.250 x 0.032	1.2	0.47	0.39	0.25	0.150	25	100
MNHU10-250DMIK	06317	12-10	0.250 x 0.032	1.2	0.47	0.39	0.25	0.150	—	250



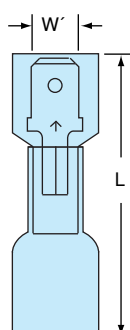
MNHU18-250DMI

22-18

Wire Range

Suggested Mate

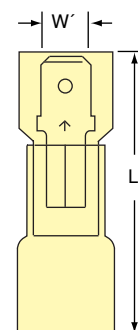
MNHU18-250DFI



MNHU14-250DMI

16-14

MNHU14-250DFI



MNHU10-250DMI

12-10

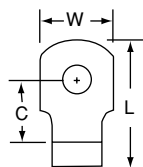
MNHU10-250DFI

¹Product Number ending in X = box; Product Number ending with K = bulk

3M™ Flags – Non-Insulated Ring Type



Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	Thickness	Barrel Length	Barrel I.D.	Terminals per Case
MU18-6R/FLAGK	01294	22-18	6	0.38	0.34	0.66	0.030	0.26	0.070	1000

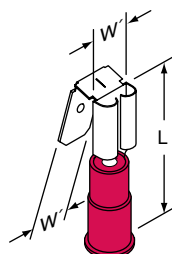


MU18-6R/FLAG
6
22-18

Stud Size
Wire Range

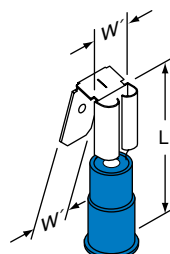
3M Multi-Stack Disconnects – Vinyl Insulated Butted Seam

Product Number [†]	UPC (054007-)	Wire Range (AWG)	Mates with Female & Male Width(W') x Thickness	L	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per: Carton	Case
MVU18-250DMFX	11703	22-18	0.250 x 0.032	0.87	0.23	0.070	0.145	100	500
MVU18-250DMFK	01332	22-18	0.250 x 0.032	0.87	0.23	0.070	0.145	—	1000
MVU14-250DMFX	11714	16-14	0.250 x 0.032	0.87	0.23	0.090	0.170	100	500
MVU14-250DMFK	01838	16-14	0.250 x 0.032	0.87	0.23	0.090	0.170	—	1000



MVU18-250DMF
22-18
0.250 Male/Female

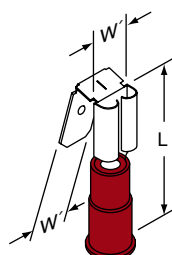
Wire Range
Suggested Mate



MVU14-250DMF
16-14
0.250 Male/Female

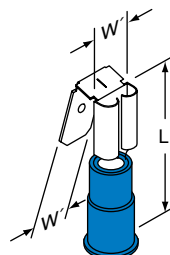
3M Multi-Stack Disconnects – Nylon Insulated with Insulation Grip

Product Number [†]	UPC (054007-)	Wire Range (AWG)	Mates with Female & Male Width(W') x Thickness	L	Barrel Length	Barrel I.D.	Maximum Insulation Diameter	Terminals per: Case
MNG18-250DMFK	01331	22-18	0.250 x 0.032	0.86	0.23	0.070	0.145	1000
MNG14-250DMFK	01837	16-14	0.250 x 0.032	0.88	0.23	0.090	0.170	1000



MNG18-250DMF
22-18
0.250 Male/Female

Wire Range
Suggested Mate



MNG14-250DMF
16-14
0.250 Male/Female

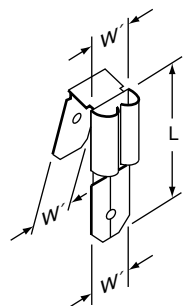
[†]Product Number ending in X = box; Product Number ending with K = bulk

3M™ Adapters – Non-Insulated Double Male-Female



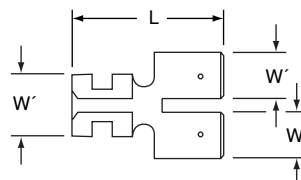
Product Number [†]	UPC (054007-)	Mates with Female & Male Width(W') x Thickness	L	Terminals per: Carton Case	
MA250DMFMX*	11730	0.250 x 0.032	0.78	50	500
MA250DMFMK*	02221	0.250 x 0.032	0.78	—	500
MA250DMMFX	02308	0.250 x 0.032	0.76	50	500
MA250DMMFK	02273	0.250 x 0.032	0.76	—	500

*Not UL Listed or CSA Certified



MA250DMFM
0.250 Males (2)/Female

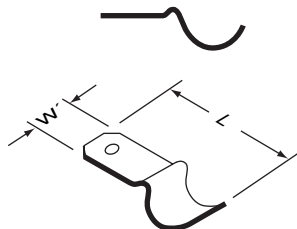
Suggested Mate



MA250DMMF
0.250 Male (2)/Female

3M Adapters – Non-Insulated Male Fuse-Clip

Product Number [†]	UPC (054007-)	Male Tab Width(W') x Thickness	L	Terminals per Case
MA250DM/FUSEK	02269	0.250 x 0.030	0.77	500

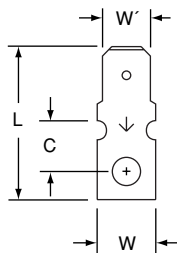


MA250DM/FUSE
0.250 Female/Fuse

Suggested Mate

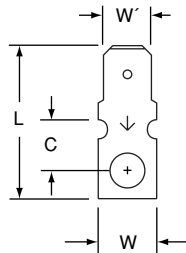
3M Adapters – Non-Insulated Male Rectangular Tongue

Product Number [†]	UPC (054007-)	Stud Size	Male Tab Width(W') x Thickness	W	C	L	Terminals per Case
MA250DM/6RRK	02225	6	0.250 x 0.032	0.30	0.26	0.80	500
MA250DM/8RRK	02226	8	0.250 x 0.032	0.30	0.26	0.80	500
MA250DM/10RRK	02227	10	0.250 x 0.032	0.30	0.26	0.80	500

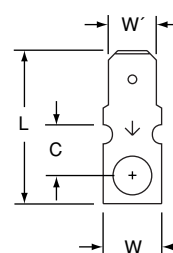


MA250DM/6RR
0.250 Female Disconnect

Suggested Mate



MA250DM/8RR
0.250 Female Disconnect

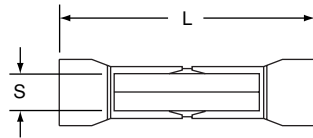


MA250DM/10RR
0.250 Female Disconnect

[†]Product Number ending in X = box; Product Number ending with K = bulk

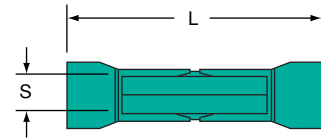
3M™ Adapters – Vinyl Insulated Double Female Disconnect

Product Number [†]	UPC (054007-)	Mating Snap Diameter	L	Terminals per Case
MVA156DFFIK	14358	0.156	1.31	500
MVA180DFFIK	02236	0.180	1.31	500



MVA156DFFI
0.156 Male Bullets

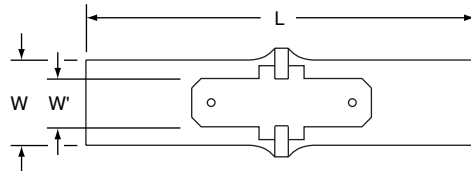
Suggested Mate



MVA180DFFI
0.180 Male Bullets

3M Adapters – Vinyl Insulated Double Male Disconnect

Product Number [†]	UPC (054007-)	Male Tab Width(W') x Thickness	L	Insulation Barrel W	Terminals per Carton	Terminals per Case
MVA250DMMIX	24308	0.250 x 0.032	2.12	0.44	25	250
MVA250DMMIK	02211	0.250 x 0.032	2.12	0.44	—	500



MVA250DMMI
0.250 Female Disconnect

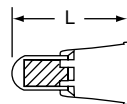
Suggested Mate

Closed End Connectors – Nylon Insulated (Steel Insert)

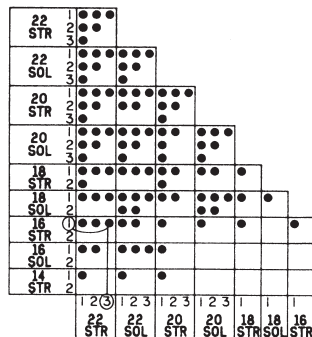


Product Number [†]	UPC (054007-)	Wire Range (AWG)	Copper Wire Combinations	L	Barrel Length	Barrel I.D.	Terminals per Carton	Terminals per Case
MN14CEC/STX*	49610	22-14	see chart below	0.76	0.31	0.091	100	500
MN14CEC/STK*	01316	22-14	see chart below	0.76	0.31	0.091	—	1000
MN10CEC/STX*	49635	18-10	see chart below	0.85	0.34	0.152	50	500
MN10CEC/STK*	01821	18-10	see chart below	0.85	0.34	0.152	—	1000

* UL Listed and CSA Certified for use with TH-440 and TH-450 Crimping Tools.

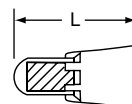


Wire Range
MN14CEC/ST
22-14

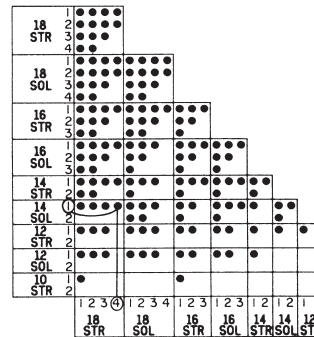


How to read chart for MN14CEC/ST:

One #16 Stranded plus three #22 Stranded (equaling four wires) can be connected using an MN14CEC/ST connector.



MN10CEC/ST
18-10



How to read chart for MN10CEC/ST:

One #14 Solid plus four #18 Stranded (equaling five wires) can be connected using an MN10CEC/ST connector.

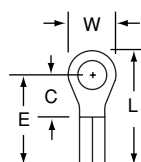
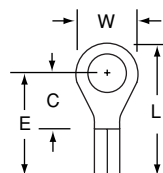
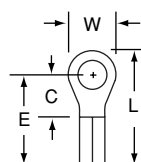
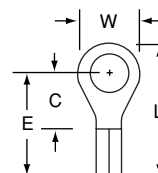
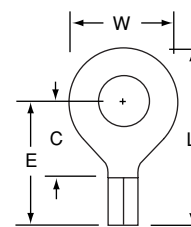
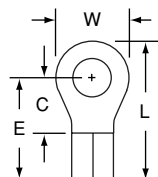
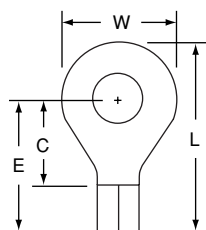
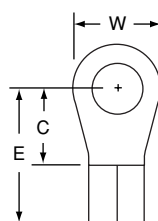
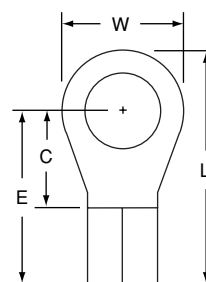
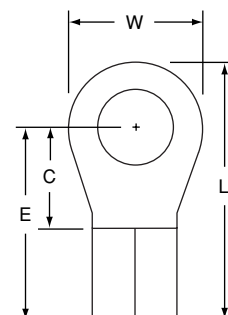
[†]Product Number ending in X = box; Product Number ending with K = bulk

3M

Phone 800/245 3573 Fax 800/245 0329

3M™ *High Temperature Ring Tongues – Butted Seam 900°F (482°C)

Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per:	
											Bag	Case
MU18-6RHT/SX	49607	22-18	6	0.25	0.22	0.60	0.47	0.030	0.25	0.070	100	500
MU18-6RHT/SK	01297	22-18	6	0.25	0.22	0.60	0.47	0.030	0.25	0.070	—	1000
MU18-10RHTX	49608	22-18	10	0.33	0.29	0.70	0.54	0.030	0.25	0.070	100	500
MU18-10RHTK	01155	22-18	10	0.33	0.29	0.70	0.54	0.030	0.25	0.070	—	1000
MU14-6RHT/SX	49629	16-14	6	0.25	0.22	0.60	0.47	0.030	0.25	0.090	100	500
MU14-6RHT/SK	01758	16-14	6	0.25	0.22	0.60	0.47	0.030	0.25	0.090	—	1000
MU14-10RHTX	15629	16-14	10	0.33	0.29	0.70	0.54	0.030	0.25	0.090	100	500
MU14-10RHTK	01759	16-14	10	0.33	0.29	0.70	0.54	0.030	0.25	0.090	—	1000
MU14-14RHTX	49630	16-14	1/4	0.56	0.40	0.93	0.65	0.030	0.25	0.090	100	500
MU14-14RHTK	01760	16-14	1/4	0.56	0.40	0.93	0.65	0.030	0.25	0.090	—	1000
MU10-10RHTX	15637	12-10	10	0.38	0.29	0.73	0.54	0.040	0.25	0.135	50	500
MU10-10RHTK	02045	12-10	10	0.38	0.29	0.73	0.54	0.040	0.25	0.135	—	500
MU10-14RHTK	02046	12-10	1/4	0.59	0.44	0.99	0.69	0.040	0.25	0.135	—	500
MU8-14RHT/SK	02142	8	1/4	0.47	0.40	0.95	0.71	0.050	0.31	0.185	—	200
MU6-38RHTK	02171	6	3/8	0.63	0.52	1.22	0.91	0.050	0.39	0.255	—	200
MU4-38RHTK	02196	4	3/8	0.68	0.53	1.34	1.00	0.075	0.47	0.285	—	200

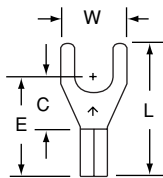
**MU18-6RHT/S**Stud Size
Wire Range6
22-18**MU18-10RHT**10
22-18**MU14-6RHT/S**6
16-14**MU14-10RHT**10
16-14**MU14-14RHT**1/4
16-14**MU10-10RHT**Stud Size
Wire Range10
12-10**MU10-14RHT**1/4
12-10**MU8-14RHT/S**1/4
8**MU6-38RHT**3/8
6**MU4-38RHT**3/8
4

*Steel with nickel plating

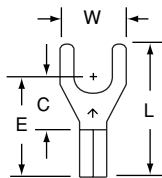
[†]Product Number ending in X = box; Product Number ending with K = bulk

3M™ *High Temperature Standard Forks – Butted Seam 900°F (482°C)

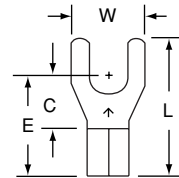
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per Case
MU18-10FHTK	01333	22-18	10	0.34	0.29	0.70	0.54	0.030	0.25	0.070	1000
MU14-10FHTK	01842	16-14	10	0.34	0.29	0.70	0.54	0.030	0.25	0.090	1000
MU10-10FHTK	02095	12-10	10	0.38	0.28	0.73	0.53	0.040	0.25	0.135	500



MU18-10FHT
Stud Size
10
Wire Range
22-18



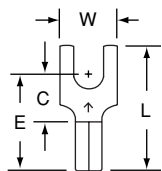
MU14-10FHT
Stud Size
10
Wire Range
16-14



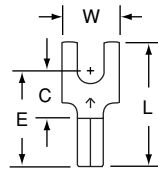
MU10-10FHT
Stud Size
10
Wire Range
12-10

3M™ *High Temperature Block Forks – Butted Seam 900°F (482°C)

Product Number [†]	UPC (054007-)	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Terminals per Case
MU18-6FBHTK	01334	22-18	6	0.30	0.25	0.65	0.50	0.030	0.25	0.070	1000
MU14-6FBHTK	01843	16-14	6	0.30	0.25	0.65	0.50	0.030	0.25	0.090	1000



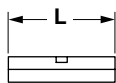
MU18-6FBHT
Stud Size
6
Wire Range
22-18



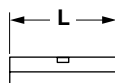
MU14-6FBHT
Stud Size
6
Wire Range
16-14

3M™ *High Temperature Butt Connectors – Butted Seam 900°F (482°C)

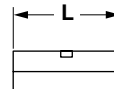
Product Number [†]	UPC (054007-)	Wire Range (AWG)	L	Thickness	Barrel Length	Barrel I.D.	Terminals per:	
MU18BCHTX	49609	22-18	0.56	0.030	0.25	0.070	100	500
MU18BCHTK	01299	22-18	0.56	0.030	0.25	0.070	—	1000
MU14BCHTX	49631	16-14	0.56	0.030	0.25	0.090	100	500
MU14BCHTK	01761	16-14	0.56	0.030	0.25	0.090	—	1000
MU10BCHTX	49645	12-10	0.56	0.040	0.25	0.135	50	500
MU10BCHTK	02232	12-10	0.56	0.040	0.25	0.135	—	500



MU18BCHT
Wire Range
22-18



MU14BCHT
Wire Range
16-14



MU10BCHT
Wire Range
12-10

*Steel with nickel plating

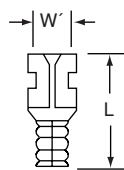
[†]Product Number ending in X = box; Product Number ending with K = bulk

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3M™ *High Temperature Female Disconnects – Butted Seam 900°F (482°C)

Product Number [†]	UPC (054007-)	Wire Range (AWG)	Mates with Male Tab Width(W') x Thickness	L	Barrel Length	Barrel I.D.	Terminals per: Carton Case	
MU14-187DFHTK	01762	16-14	0.187 x 0.020	0.58	0.25	0.085	—	1000
MU14-250DFHTX	49632	16-14	0.250 x 0.032	0.64	0.23	0.095	100	500
MU14-250DFHTK	01763	16-14	0.250 x 0.032	0.64	0.23	0.095	—	1000

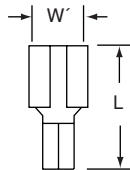
**MU14-187DFHT**

16-14

Wire Range

Suggested Mate

0.187 High Temperature Male Tab

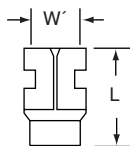
**MU14-250DFHT**

16-14

MU14-250DMHT

3M *High Temperature Female Disconnects – Butted Seam Flag 900°F (482°C)

Product Number [†]	UPC (054007-)	Wire Range (AWG)	Mates with Male Tab Width(W') x Thickness	L	Barrel Length	Barrel I.D.	Terminals per: Case	
MU14-250DFHT/FLAGK	01839	16-14	0.250 x 0.032	0.51	0.26	0.095	1000	

**MU14-250DFHT/FLAG**

16-14

Wire Range

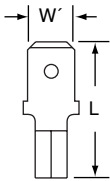
Suggested Mate

MU14-250DMHT

[†]Product Number ending in X = box; Product Number ending with K = bulk

3M *High Temperature Male Disconnects – Butted Seam 900°F (482°C)

Product Number [†]	UPC (054007-)	Wire Range (AWG)	Male Tab Width(W') x Thickness	L	Barrel Length	Barrel I.D.	Terminals per:	
							Carton	Case
MU14-250DMHTX	49633	16-14	0.250 x 0.032	0.73	0.25	0.090	100	500
MU14-250DMHTK	01765	16-14	0.250 x 0.032	0.73	0.25	0.090	—	1000



MU14-250DMHT
16-14
Suggested Mate MU14-250DFHT

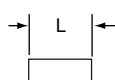
Wire Range
Suggested Mate

*Steel with nickel plating

[†]Product Number ending in X = box; Product Number ending with K = bulk

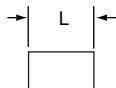
3M™ Parallel Connectors – Non-Insulated Seamless

Product Number [†]	UPC (054007-)	Wire Range (AWG)	Copper Wire Combinations	L	Thickness	Barrel I.D.		Terminals per Case
						In	CMA	
M14PCK	01823	16-14	see chart on page 109	0.31	0.024	0.091	8281	1000
M10PCK	02083	12-10	see chart on page 109	0.34	0.024	0.152	23104	500



M14PC
16-14

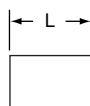
Wire Range



M10PC
12-10

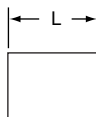
3M Parallel Connectors – Non-Insulated Brazed Seam

Product Number [†]	UPC (054007-)	Wire Range (AWG)	Copper Wire Combinations	L	Thickness	Barrel I.D.		Terminals per Case
						In	CMA	
M8PCK	02145	8	see chart below	0.40	0.050	0.175	30625	200
M6PCK	02174	6	see chart below	0.45	0.050	0.250	62500	200
M4PCK	02199	4	see chart below	0.53	0.075	0.280	78400	200

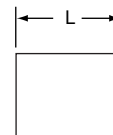


M8PC
8

Wire Range



M6PC
6



M4PC
4

Recommended Stranded Wire Combinations

MVU18PC

1 #22 to 1 #22, 20, 18, 16
1 #20 to 1 #20, 18, 16
1 #18 to 1 #18
Min. CMA: 1280, Max. CMA: 3600

M14PC and MVU14PC

1 #22 to 1 #22, 20, 18, 16, 14
1 #20 to 1 #20, 18, 16, 14
1 #18 to 1 #18, 16, 14
1 #16 to 1 #16
Min. CMA: 1280, Max. CMA: 5730

M10PC

1 #18 to 1 #18, 16, 14, 12, 10
1 #16 to 1 #16, 14, 12, 10
1 #14 to 1 #14, 12, 10
1 #12 to 1 #12
Min. CMA: 3240, Max. CMA: 14490

MVU10PC

1 #18 to 1 #18, 16, 14, 12, 10
1 #16 to 1 #16, 14, 12, 10
1 #14 to 1 #14, 12
Min. CMA: 3240, Max. CMA: 12860

M8PC and MV8PC

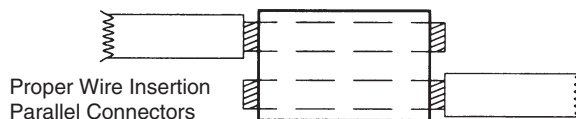
1 #18 to 1 #18, 16, 14, 12, 10, 8
1 #16 to 1 #16, 14, 12, 10, 8
1 #14 to 1 #14, 12, 10, 8
1 #12 to 1 #12, 10
Min. CMA: 3240, Max. CMA: 20620

M6PC and MV6PC

1 #14 to 1 #14, 12, 10, 8, 6
1 #12 to 1 #12, 10, 8, 6
1 #10 to 1 #10, 8, 6
1 #8 to 1 #8
Min. CMA: 8220, Max. CMA: 36620

M4PC and MV4PC

1 #12 to 1 #12, 10, 8, 6, 4
1 #10 to 1 #10, 8, 6, 4
1 #8 to 1 #8, 6
Min. CMA: 13060, Max. CMA: 52020



Product Referral Generator

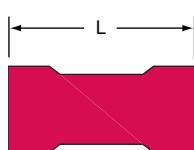
Connecting

– MVU18PC	pg. 125
– MVU14PC	pg. 125
– MVU10PC	pg. 125

[†]Product Number ending in X = box; Product Number ending with K = bulk

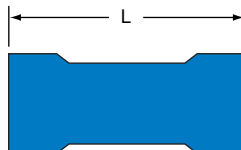
3M™ Parallel Connectors – Vinyl Insulated Brazed Seam

Product Number [†]	UPC (054007-)	Wire Range (AWG)	Copper Wire Combinations	L	Thickness	Barrel Length	I.D.		Maximum Insulation Diameter	Terminals per Case
							In	CMA		
MV8PCK	14374	8	see chart on page 109	0.97	0.050	0.40	0.175	30625	0.385	200
MV6PCK	02175	6	see chart on page 109	1.21	0.050	0.45	0.250	62500	0.440	200
MV4PCK	02200	4	see chart on page 109	1.44	0.075	0.54	0.280	78400	0.515	200

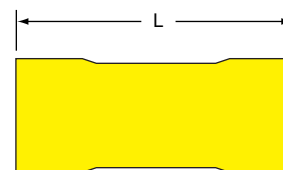


MV8PC
8

Wire Range



MV6PC
6



MV4PC
4

3M Parallel Connectors – Vinyl Insulated Butted Seam

Product Number [†]	UPC (054007-)	Wire Range (AWG)	Copper Wire Combinations	L	Thickness	Barrel Length	I.D.		Maximum Insulation Diameter	Terminals per: Carton Case	
							In	CMA			
MVU18PCK	01318	22-18	see chart on page 109	0.67	0.030	0.31	0.070	4900	0.145	—	1000
MVU14PCX	23144	16-14	see chart on page 109	0.67	0.030	0.31	0.090	8100	0.170	100	500
MVU14PCK	01824	16-14	see chart on page 109	0.67	0.030	0.31	0.090	8100	0.170	—	1000
MVU10PCX	24050	12-10	see chart on page 109	0.87	0.040	0.31	0.135	18225	0.250	50	500
MVU10PCK	02084	12-10	see chart on page 109	0.87	0.040	0.31	0.135	18225	0.250	—	500



MVU18PC
22-18

Wire Range



MVU14PC
16-14

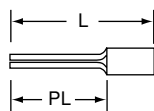


MVU10PC
12-10

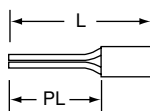
[†]Product Number ending in X = box; Product Number ending with K = bulk

3M™ Pin Terminals-Non-Insulated

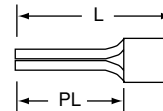
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Pin Diameter	L	Barrel Length	Barrel I.D.	PL	Terminals per: Carton	Case
MU18-47PX	49422	22-18	0.080	0.73	0.25	0.070	0.47	100	500
MU18-47PK	49419	22-18	0.080	0.73	0.25	0.070	0.47	—	1000
MU14-47PX	49421	16-14	0.080	0.73	0.25	0.090	0.47	100	500
MU14-47PK	49418	16-14	0.080	0.73	0.25	0.090	0.47	—	1000
MU10-55PX	49420	12-10	0.110	0.81	0.25	0.135	0.55	50	500
MU10-55PK	49417	12-10	0.110	0.81	0.25	0.135	0.55	—	500



MU18-47P
22-18



MU14-47P
16-14

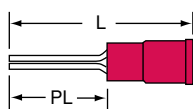


MU10-55P
12-10

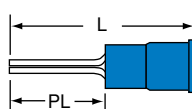
Wire Range

3M Pin Terminals – Vinyl Insulated Butted Seam

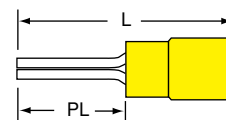
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Pin Diameter	L	Barrel Length	Barrel I.D.	PL	Maximum Insulation Diameter	Terminals per: Carton	Case
MVU18-47PX	49434	22-18	0.080	0.92	0.25	0.070	0.47	0.145	100	500
MVU18-47PK	49431	22-18	0.080	0.92	0.25	0.070	0.47	0.145	—	1000
MVU14-47PX	49433	16-14	0.080	0.92	0.25	0.090	0.47	0.170	100	500
MVU14-47PK	49430	16-14	0.080	0.92	0.25	0.090	0.47	0.170	—	1000
MVU10-55PX	49432	12-10	0.110	1.105	0.25	0.135	0.55	0.250	50	500
MVU10-55PK	49429	12-10	0.110	1.105	0.25	0.135	0.55	0.250	—	500



MVU18-47P
22-18



MVU14-47P
16-14

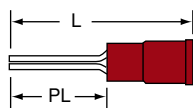


MVU10-55P
12-10

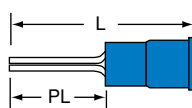
Wire Range

3M Pin Terminals – Nylon Insulated with Insulation Grip

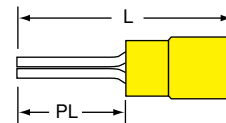
Product Number [†]	UPC (054007-)	Wire Range (AWG)	Pin Diameter	L	Barrel Length	Barrel I.D.	PL	Maximum Insulation Diameter	Terminals per: Carton	Case
MNG18-47PX	49428	22-18	0.080	0.93	0.25	0.070	0.47	0.145	100	500
MNG18-47PK	49425	22-18	0.080	0.93	0.25	0.070	0.47	0.145	—	1000
MNG14-47PX	49427	16-14	0.080	0.91	0.25	0.090	0.47	0.170	100	500
MNG14-47PK	49424	16-14	0.080	0.91	0.25	0.090	0.47	0.170	—	1000
MNG10-55PX	49426	12-10	0.110	1.105	0.25	0.135	0.55	0.250	50	500
MNG10-55PK	49423	12-10	0.110	1.105	0.25	0.135	0.55	0.250	—	500



MNG18-47P
22-18



MNG14-47P
16-14



MNG10-55P
12-10

Wire Range

[†]Product Number ending in X = box; Product Number ending with K = bulk

3M™ Highland™ Bagged Terminals

3M Highland terminals, disconnects, and connectors are for use in the assembly and maintenance of electrical systems. 3M Highland terminals offer effective and reliable performance in a variety of types of general applications.

Available in low quantity, reclosable bags 3M Highland terminals are the optimal choice for smaller jobs.



3M™ Highland™ Rings – Non-Insulated



Product Number [†]	Wire Range	Stud or Tab Size	UPC (054007-)	Terminals/Bag	Bags/Case
R10-10L	12-10	10	70320	50	5
R10-14L	12-10	1/4	70321	50	5
R10-14Q	12-10	1/4	70475	25	10
R14-4C	16-14	4	49896	100	5
R14-6C	16-14	6	70235	100	5
R14-6L	16-14	6	70322	50	10
R14-8C	16-14	8	70236	100	5
R14-8L	16-14	8	70323	50	10
R14-10L	16-14	10	70324	50	10
R18-4C	22-18	4	49902	100	5
R18-6C	22-18	6	70238	100	5
R18-6L	22-18	6	70325	50	10
R18-8C	22-18	8	70239	100	5
R18-8L	22-18	8	70326	50	10
R18-10C	22-18	10	70240	100	5

[†]Product Number ending in Q=25; L=50; C=100

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3M™ Highland™ Rings – Vinyl Insulated

Product Number	Wire Range	Stud or Tab Size	UPC (054007-)	Terminals/Bag	Bags/Case
RV10-6L	12-10	6	49893	50	5
RV10-8L	12-10	8	70328	50	5
RV10-8Q	12-10	8	70476	25	10
RV10-10L	12-10	10	70329	50	5
RV10-10Q	12-10	10	70477	25	10
RV10-14L	12-10	1/4	70330	50	5
RV10-14Q	12-10	1/4	70478	25	10
RV10-38L	12-10	3/8	70331	50	5
RV10-38Q	12-10	3/8	70479	25	10
RV10-516Q	12-10	5/16	49562	25	10
RV14-6C	16-14	6	70241	100	5
RV14-6L	16-14	6	70332	50	10
RV14-8C	16-14	8	70242	100	5
RV14-8L	16-14	8	70333	50	10
RV14-10C	16-14	10	70243	100	5
RV14-10L	16-14	10	70334	50	10
RV14-14C	16-14	1/4	70244	100	5
RV14-14L	16-14	1/4	70335	50	10
RV14-516L	16-14	5/16	49560	50	10
RV18-6C	22-18	6	70245	100	5
RV18-6L	22-18	6	70336	50	10
RV18-8C	22-18	8	70246	100	5
RV18-8L	22-18	8	70337	50	10
RV18-10C	22-18	10	70247	100	5
RV18-10L	22-18	10	70338	50	10
RV18-14C	22-18	1/4	70248	100	5
RV18-14L	22-18	1/4	70339	50	10

3M Highland Standard Forks – Non-Insulated

Product Number	Wire Range	Stud or Tab Size	UPC (054007-)	Terminals/Bag	Bags/Case
F14-6C	16-14	6	70211	100	5
F14-8C	16-14	8	70212	100	5
F14-10C	16-14	10	70213	100	5

3M™ Highland™ Standard Forks – Vinyl Insulated

Product Number	Wire Range	Stud or Tab Size	UPC (054007-)	Terminals/Bag	Bags/Case
FV10-8L	12-10	8	70288	50	5
FV10-8Q	12-10	8	70460	25	10
FV10-10L	12-10	10	70289	50	5
FV10-10Q	12-10	10	70461	25	10
FV14-6L	16-14	6	70290	50	5
FV14-8C	16-14	8	70225	100	10
FV14-8L	16-14	8	70291	50	5
FV14-10C	16-14	10	70226	100	10
FV14-10L	16-14	10	70292	50	5

3M Highland Block Forks – Non-Insulated

Product Number	Wire Range	Stud or Tab Size	UPC (054007-)	Terminals/Bag	Bags/Case
BF10-8Q	12-10	8	70448	25	10
BF10-10L	12-10	10	70250	50	5
BF10-10Q	12-10	10	70449	25	10
BF14-6L	16-14	6	70251	100	5
BF14-8C	16-14	8	70198	100	50
BF14-10C	16-14	10	70199	100	5
BF18-6C	22-18	6	70200	100	5
BF18-6L	22-18	6	70254	50	10
BF18-8C	22-18	8	70201	100	5
BF18-8L	22-18	8	70255	50	10

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3M™ Highland™ Block Forks - Vinyl Insulated

Product Number	Wire Range	Stud or Tab Size	UPC (054007-)	Terminals/Bag	Bags/Case
BFV10-6L	12-10	6	49891	50	5
BFV10-8L	12-10	8	70256	50	5
BFV10-8Q	12-10	8	70450	25	10
BFV10-10L	12-10	10	70257	50	5
BFV10-10Q	12-10	10	70451	25	10
BFV14-6C	16-14	6	70202	100	5
BFV14-6L	16-14	6	70258	50	10
BFV14-8C	16-14	8	70203	100	5
BFV14-8L	16-14	8	70259	50	10
BFV14-10C	16-14	10	70204	100	5
BFV14-10L	16-14	10	70260	50	10
BFV18-6C	22-18	6	70205	100	5
BFV18-6L	22-18	6	70261	50	10
BFV18-8C	22-18	8	70206	100	5
BFV18-8L	22-18	8	70262	50	10
BFV18-10C	22-18	10	49899	100	5
BFV18-10L	22-18	10	41515	50	10

3M Highland Locking Forks - Non-Insulated

Product Number	Wire Range	Stud or Tab Size	UPC (054007-)	Terminals/Bag	Bags/Case
LF10-8Q	12-10	8	70463	25	10
LF10-10Q	12-10	10	70464	25	10
LF10-14Q	12-10	14	70465	25	10
LF14-6L	16-14	6	70293	50	10
LF14-8L	16-14	8	70294	50	10
LF18-4L	22-18	4	70296	50	10
LF18-6L	22-18	6	70297	50	10
LF18-8L	22-18	8	70298	50	10

3M Highland Locking Forks - Vinyl Insulated

Product Number	Wire Range	Stud or Tab Size	UPC (054007-)	Terminals/Bag	Bags/Case
LFV10-6Q	12-10	6	70466	25	10
LFV10-8Q	12-10	8	70467	25	10
LFV10-10Q	12-10	10	70468	25	10
LFV10-14Q	12-10	14	70469	25	10
LFV14-6L	16-14	6	70299	50	10
LFV14-8L	16-14	8	70300	50	10
LFV14-10L	16-14	10	70301	50	10
LFV18-6L	22-18	6	70303	50	10
LFV18-8L	22-18	8	70304	50	10

3M™ Highland™ Butt Splices

Product Number	Wire Range	Stud or Tab Size	UPC (054007-)	Terminals/Bag	Bags/Case
BS10L	12-10	NA	70263	50	5
BS10Q	12-10	NA	70452	25	10
BS14C	16-14	NA	70207	100	5
BS14L	16-14	NA	70264	50	10
BS18C	22-18	NA	70208	100	5

3M Highland Butt Splices – Vinyl Insulated

Product Number	Wire Range	Stud or Tab Size	UPC (054007-)	Terminals/Bag	Bags/Case
BSV10L	12-10	NA	70266	50	5
BSV10Q	12-10	NA	70453	25	10
BSV14C	16-14	NA	70209	100	5
BSV14L	16-14	NA	70267	50	10
BSV18C	22-18	NA	70210	100	5
BSV18L	22-18	NA	70268	50	10

3M Highland Female Disconnects – Non-Insulated

Product Number	Wire Range	Stud or Tab Size	UPC (054007-)	Terminals/Bag	Bags/Case
FD14-187C	16-14	.187	49894	100	5
FD14-187L	16-14	.187	49895	50	10
FD14-250C	16-14	.250	70214	100	5
FD14-250L	16-14	.250	70275	50	10
FD18-187C	22-18	.187	49900	100	5
FD18-187L	22-18	.187	49901	50	10
FD18-250C	22-18	.250	70215	100	5
FD18-250L	22-18	.250	70276	50	10

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3M™ Highland™ Female Disconnects – Vinyl Insulated

Product Number	Wire Range	Stud or Tab Size	UPC (054007-)	Terminals/Bag	Bags/Case
FDV10-250L	12-10	.250	70282	50	5
FDV10-250Q	12-10	.250	70458	25	10
FDV14-187C	16-14	.187	70220	100	5
FDV14-187L	16-14	.187	70283	50	10
FDV14-250C	16-14	.250	70221	100	5
FDV14-250L	16-14	.250	70284	50	10
FDV18-187C	22-18	.187	70222	100	5
FDV18-187L	22-18	.187	70285	50	10
FDV18-250C	22-18	.250	70223	100	5
FDV18-250L	22-18	.250	70286	50	10

3M Highland Female Disconnects – Nylon Fully Insulated

Product Number	Wire Range	Stud or Tab Size	UPC (054007-)	Terminals/Bag	Bags/Case
FDI10-250L	12-10	.250	70277	50	5
FDI10-250Q	12-10	.250	70457	25	10
FDI14-187L	16-14	.187	70278	50	10
FDI14-250C	16-14	.250	70217	100	5
FDI14-250L	16-14	.250	70279	50	10
FDI18-187C	22-18	.187	70218	100	5
FDI18-187L	22-18	.187	70280	50	10
FDI18-250C	22-18	.250	70219	100	5
FDI18-250L	22-18	.250	70281	50	10

3M Highland Male Tabs – Non-Insulated

Product Number	Wire Range	Stud or Tab Size	UPC (054007-)	Terminals/Bag	Bags/Case
MT10-250Q	12-10	.250	70470	25	10
MT14-250L	16-14	.250	70306	50	10
MT18-187L	22-18	.187	70307	50	10
MT18-250L	22-18	.250	70308	50	10

3M™ Highland™ Male Tabs – Nylon Fully Insulated

Product Number	Wire Range	Stud or Tab Size	UPC (054007-)	Terminals/Bag	Bags/Case
MTI10-250L	12-10	.250	70309	50	5
MTI10-250Q	12-10	.250	70471	25	10
MTI14-187C	16-14	.187	70227	100	5
MTI14-187L	16-14	.187	70310	50	10
MTI14-250C	16-14	.250	70228	100	5
MTI14-250L	16-14	.250	70311	50	10
MTI18-187C	22-18	.187	70229	100	5
MTI18-187L	22-18	.187	70312	50	10
MTI18-250L	22-18	.250	70313	50	10

3M Highland Male Tabs – Vinyl Insulated

Product Number	Wire Range	Stud or Tab Size	UPC (054007-)	Terminals/Bag	Bags/Case
MTV10-250L	12-10	.250	70314	50	5
MTV10-250Q	12-10	.250	70472	25	10
MTV14-187C	16-14	.187	70231	100	5
MTV14-250C	16-14	.250	70232	100	5
MTV14-250L	16-14	.250	70316	50	10
MTV18-187C	22-18	.187	70233	100	5
MTV18-187L	22-18	.187	70317	50	10
MTV18-250L	22-18	.250	70318	50	10

3M Highland Snap Plugs – Vinyl Insulated

Product Number	Wire Range	Stud or Tab Size	UPC (054007-)	Terminals/Bag	Bags/Case
SPV14-156L	16-14	.156	70342	50	10
SPV18-156L	22-18	.156	70343	50	10

3M Highland Snap Receptacles – Nylon Fully Insulated

Product Number	Wire Range	Stud or Tab Size	UPC (054007-)	Terminals/Bag	Bags/Case
SRI14-156L	16-14	.156	70340	50	10

Kits

3M™ Scotchlok™ Terminal Kit STK-1 (Filled)



The Scotchlok Terminal Kit is filled with 3M's most frequently purchased low voltage termination products, including 14 of our most popular terminals.

The STK-1 is constructed of durable metal with individual

product compartments. While the compartments keep you organized, the rugged metal frame protects the contents even in the harshest environment. Overall box size is 13-3/4" L x 10" W x 2-1/2" H.

Product	UPC (051138-)	Color	Boxes/ Bag	Boxes/ Case
Scotchlok Terminal Box STK-1	25348	Red	N/A	1

Contents of STK-1

	Qty.
Scotchlok Crimping Tool TH-440	1
3M™ ScotchCode™ Tape Dispenser STD-0-9	1
3M Cable Ties 06225	100
3M Cable Ties 06226	100
3M Highland™ Ring Tongue Terminal RV18-6	50
3M Highland Ring Tongue Terminal RV18-8	50
3M Highland Ring Tongue Terminal RV14-6	50
3M Highland Ring Tongue Terminal RV14-8	50
3M Highland Ring Tongue Terminal RV14-10	50
3M Highland Ring Tongue Terminal RV10-10	25
3M Highland Block Fork Terminals BFV14-8	50
3M Highland Block Fork Terminals BFV14-10	50
3M Highland Block Fork Terminals BFV18-8	50
3M Highland Block Fork Terminals BFV18-6	50
3M Highland Butt Connectors BSV18	50
3M Highland Butt Connectors BSV14	50
3M Highland Butt Connectors BSV10	25
3M Highland Female Disconnects FDV14-250	50

3M Scotchlok Heat Shrink Terminal Box (Empty)



This rugged metal case with customized interior of molded plastic has 20 individual terminal compartments and one large crimp tool compartment. Order contents separately. Overall box size is 13-3/4" L x 10" W x 2-1/2" H.

Product	UPC (054007-)	Color	Boxes/ Bag	Boxes/ Case
Scotchlok Heat Shrink Terminal Box	09966	Red	1	6

Note: Box only

3M Scotchlok Steel Terminal Box (Empty)



This metal case with plastic insert tray is divided into 14 terminal compartments, one tool compartment and two miscellaneous compartments. Order contents separately. Overall box size is 13-3/4" L x 10" W x 2-1/2" H.

Product	UPC (054007-)	Color	Boxes/ Bag	Boxes/ Case
Scotchlok Steel Terminal Box	11900	Red	1	6

Note: Box only

3M Scotchlok Plastic Terminal Box (Empty)



This is a plastic organizing box for terminals. It is divided into 13 compartments, including one size to hold a crimping tool. Order contents separately. Overall box size is 11" L x 7" W x 1-3/4" H.

Product	UPC (054007-)	Color	Boxes/ Bag	Boxes/ Case
Scotchlok Plastic Terminal Box	02351	Yellow	1	24

Note: Box only

Tools

3M™ Scissors Style TH-440

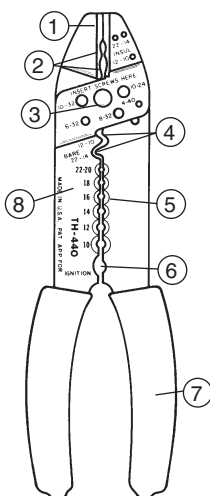
A compact, high-quality tool designed to perform the six most common electrical wiring functions.

- Made of 1.125" (28,57 mm) heat-treated carbon steel
- Handles a variety of terminal and connector styles, insulated and non-insulated
- Range of 22–10 AWG
- 3M Terminals and Connectors are UL Listed and CSA Certified when used with the TH-440

Features:

1. Anvil-type wire cutter for clean cuts.
2. Crimp dies for 22–10 AWG insulated terminals, connectors and closed-end connectors.
3. Cut-off dies for mild steel and non-ferrous screws.
4. Crimp dies for 22–10 AWG non-insulated terminals and connectors.
5. Wire stripping stations for circumferential cut-less effort.
6. Crimp die for 7 and 8 mm ignition parts.
7. Cushioned, vinyl grips, red.

For specific tooling applications, refer to the smallest unit container or the Tool Selection Guides in the Appendix.



Product Number (add package code when ordering)	UPC (054007-)	Wire Range	Tools/ Carton	Tools/ Case
TH-440	60825	22-10	1	10

3M™ Scissors Style TH-450

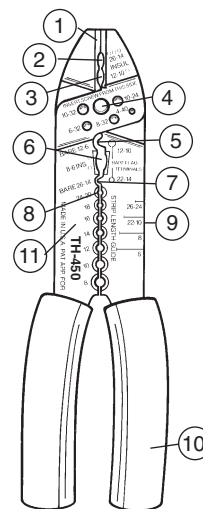
The most versatile heavy-duty tool we've ever offered.

- Made of 1.40" (35,5 mm) high-strength, heat-treated carbon steel
- Tool is lightweight without sacrificing strength
- Handles a variety of terminal and conductor styles, including flags, closed-end connectors, crimp sleeves and standard parts, insulated and non-insulated
- Range of 26–6 AWG
- 3M Terminals and Connectors are UL Listed and CSA Certified when crimped with the TH-450

Features:

1. Anvil-type wire cutter.
- 2–3. Crimp dies for 26–10 AWG insulated terminals and closed-end connectors.
4. Cut-off dies for mild steel and non-ferrous screws.
5. Crimp dies for 12–6 AWG non-insulated terminals, connectors, flags, disconnects, crimp sleeves and high-temperature terminals.
6. Crimp dies for 6–8 AWG insulated terminals and butt connectors.
7. Crimp die for 26–14 AWG non-insulated terminals, connectors, flags, disconnects and crimp sleeves.
8. Wire-stripping stations for circumferential cut-less effort.
9. Strip length guide.
10. Textured, cushioned grips, red.

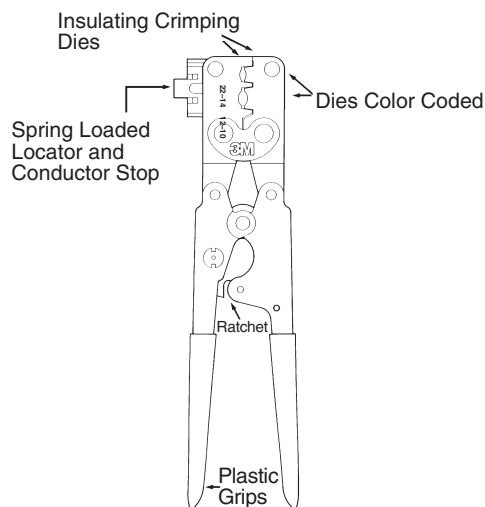
For specific tooling applications, refer to the smallest unit container or the Tool Selection Guides in the Appendix.



Product Number (add package code when ordering)	UPC (054007-)	Wire Range	Tools/ Carton	Tools/ Case
TH-450	13760	26-6	1	10

3M™ Ratchet TR-482**Tool Capability:**

Crimps barrel and insulation grip simultaneously on No. 22–10 AWG (0,35–6,0 mm²) insulated terminals and connectors: will crimp nylon or vinyl insulated, butted or brazed seam terminals and connectors.

Crimping Dies:

No. 22–14 AWG (0,35–2,5 mm²) red and blue color coded.
No. 12–10 AWG (4,0–6,0 mm²) yellow color coded.

Field Re-calibration: Calibration of ratchet can be accomplished in the field. See calibration and maintenance instructions packaged with the tool.

Terminal Locator: Spring loaded locator orients, positions and holds terminals and connectors.

Conductor Stop: Provides proper insertion of conductor in the terminal barrel.

Positive Closure: Ratchet requires full closure of handles to ensure proper crimp.

Materials and Finish: Hardened steel jaws and handles with corrosion resistant finish.

Weight: 1.1 lbs.

Grip: Plastic, red color.

Specifications:

Insulated terminals from 22–10 AWG shall be crimped with a positive action ratchet tool and be UL Listed with that tool. The dies shall be of a smooth, contour shape and crimp the conductor barrel and insulation grip simultaneously. The tool shall have a locator which will orient the terminal, position the terminal for crimping, hold the terminals in place, and act as a wire stop. The tool shall be compound lever type with a ratchet mechanism to insure positive closure for full crimping cycle. The tool shall be capable of field adjustment to proper calibration with common tools and materials specified in the maintenance and calibration section of the instruction booklet provided with the tool. The manufacturer shall provide a guide for maintenance procedure and instructions to field inspect for specified die gaps. Jaws shall be hardened steel and coated with a corrosion resistant finish. Tool shall be a Scotchlok™ TR-482.

3M™ Terminals and Connectors are UL Listed and CSA Certified with the TR-482. For specific tooling information, see Tool Selection Guide in the Appendix.

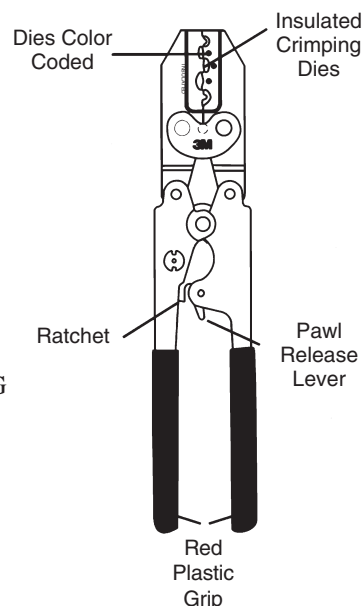
Product	UPC (054007-)	Wire Range	Tools/ Carton	Tools/ Case
TR-482	11902	22-10	1	10

3M™ Ratchet TR-490**Tool Capability:**

Crimps barrel and insulation grip independently on No. 22–10 AWG (0,35–6,0 mm²) insulated and non-insulated terminals and connectors: nylon or vinyl insulated, butted or brazed seam.

Crimping Dies:

Insulated No. 22–18 AWG (0,35–0,97 mm²) red color coded.
Insulated no. 16–14 AWG (1,3–2,5 mm²) blue color coded.
Insulated No. 12–10 AWG (4,0–6,0 mm²) yellow color coded.
Non-Insulated No. 22–14 AWG (0,35–2,5 mm²).
Non-Insulated No. 12–10 (4,0–6,0 mm²).



Field Re-calibration: Calibration adjustment of ratchet can be accomplished in the field. See calibration and maintenance instructions packaged with the tool.

Positive Closure: Ratchet requires full closure of handles to ensure proper crimp. Ratchet release lever allows removal of misplaced terminals.

Materials and Finish: Hardened steel jaws and handles with corrosion resistant finish.

Weight: 0.8 lbs.

Grip: Plastic, red color.

Specifications:

Non-insulated and insulated terminals and connectors from 22–10 AWG shall be crimped with a positive action (ratchet) tool and be UL Listed with that tool. Non-insulated die shall be of an indent shape and insulated die shall be of a flat, smooth shape capable of crimping pre-insulated vinyl and nylon terminals and connectors. Dies shall be marked with the appropriate wire range and insulated dies shall be color coded: red for 22–18 AWG, blue for 16–14 AWG, and yellow for 12–10 AWG. The tool shall be compound lever type with a ratchet mechanism to insure positive closure for full crimping cycle. Tool shall be capable of field adjustment to proper calibration with common tools and materials specified in the maintenance and calibration section of the instruction booklet provided with the tool. The manufacturer shall provide a guide for maintenance procedure and instructions to field inspect for specified die gaps. Jaws shall be hardened steel and coated with a corrosion resistant finish. Tool shall be a 3M Scotchlok TR-490.

3M Terminals and Connectors are UL Listed and CSA Certified with the TR-490. For specific tooling information, see Tool Selection Guide in the Appendix.

Product	UPC (054007-)	Wire Range	Tools/ Carton	Tools/ Case
TR-490	70481	22-10	1	10

3M™ Terminal Stud Size Chart

Stud Size			3M Terminal Hole Diameter		
US/Inches			OUS/Metric		
		Diameter			Diameter
#2		0.086" (2,144 mm)	M2		2,0 mm (0.080")
#4		0.112" (2,844 mm)	M2,5		2,5 mm (0.100")
#5		0.125" (3,175 mm)	M3		3,0 mm (0.120")
#6		0.138" (3,505 mm)	M3,5		3,5 mm (0.140")
#8		0.164" (4,166 mm)	M4		4,0 mm (0.176")
#10		0.190" (4,826 mm)	M5		5,0 mm (0.20")
1/4		0.250" (6,350 mm)	M6		6,0 mm (0.24")
5/16		0.3125" (7,938 mm)	M8		8,0 mm (0.32")
3/8		0.375" (9,525 mm)	M10		10,0 mm (0.40")
7/16		0.4375" (11,113 mm)	M10		10,0 mm (0.48")
1/2		0.500" (12,700 mm)	M12		12,0 mm (0.48")
5/8		0.625" (15,875 mm)	M16		16,0 mm (0.64")
3/4		0.750" (19,050 mm)	M18		18,0 mm (0.72")

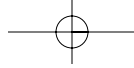
Ref: ISO 263-1973 for inch stud sizes and ISO 262-1973 for metric stud sizes.

American Wire Gauge

Size	Inches	Millimeters
4/0	0.4600	11,684
3/0	0.4096	10,040
2/0	0.3648	9,266
1/0	0.3249	8,253
1	0.2893	7,347
2	0.2576	6,543

Size	Inches	Millimeters
4	0.2043	5,189
6	0.1620	4,115
8	0.1285	3,264
10	0.1019	2,588
12	0.0808	2,052
14	0.0641	1,628

Size	Inches	Millimeters
16	0.0508	1,290
18	0.0403	1,024
20	0.0320	0,813
22	0.0253	0,643
24	0.0201	0,511
26	0.0159	0,404



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