

HILLSDALE TERMINAL & TOOL INC.

SOLDERLESS TERMINALS • WIRING PRODUCTS



1-800-447-3150
Fax: 1-517-849-9516

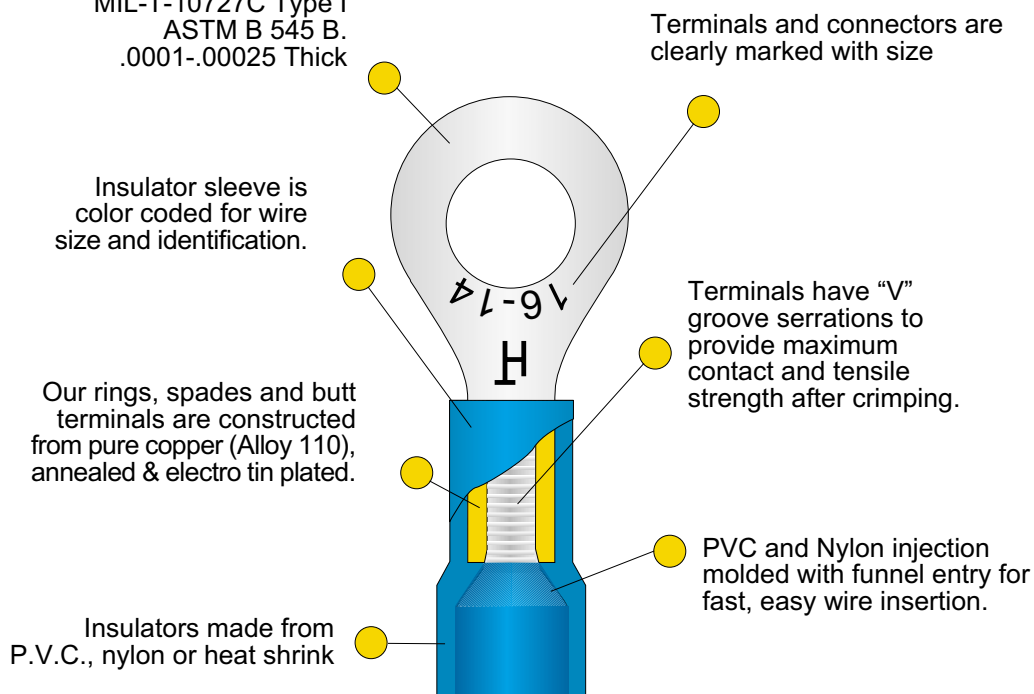
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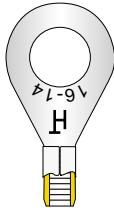
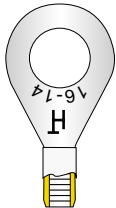
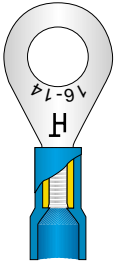
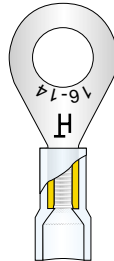
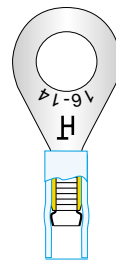
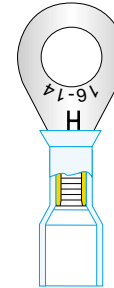
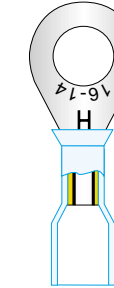
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Terminal Terminology

ElectroTin Plating for Exceptional Corrosion Resistance
Mill Specs:
MIL-T-10727C Type I
ASTM B 545 B.
.0001-.00025 Thick



Recognizing Terminal Types

						
1000 SERIES BARE BUTTED SEAM	1000BZ SERIES BARE BRAZED SEAM	5000 SERIES INJECTION MOLDED VINYL W/FUNNEL ENTRY	5000N SERIES INJECTION MOLDED NYLON W/FUNNEL ENTRY	3000 SERIES 3-PC NYLON W/SUPPORT SLEEVE	4000 SERIES HEAT SHRINK MOISTURE PROOF	6000 SERIES HEAT SHRINK W/SOLDER RING NO CRIMP

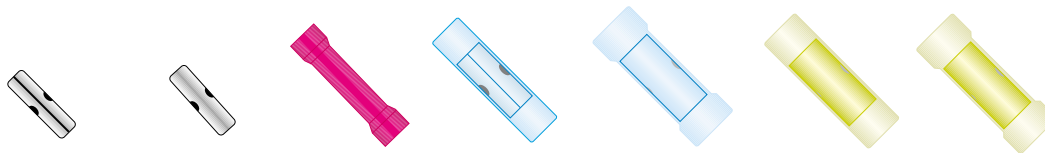
Catalog 2006A

Butt Connectors

* Indicates   Listed Part

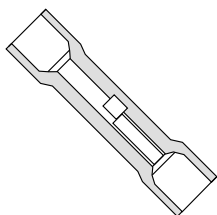
22-18, 16-14, 12-10, 8, 6, 4, 2, 1/0, 2/0, 3/0, 4/0

BUTT CONNECTORS



Wire Size	Bare Butted Seam	Bare Seamless	Vinyl Insulated	Butted Seam Nylon		Seamless Nylon	
				Straight	Flared	Straight	Flared
22-18	10080*	10083	20080*	20081	50081	20083S	20083
16-14	10170*	10173	20170*	20171	50171	20173S	20173
12-10	10310*	10313	20310*	20311	50311	20313S	20313
8		10624	20624			20624N	
6		10625	20625			20625N	
4		10626	20626			20626N	
2		10627	20627			20627N	
1/0		10658					
2/0		10659					
3/0		10660					
4/0		10661					

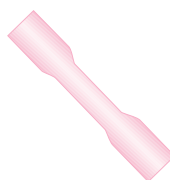
Step Down Butt



Wire Size	Bare Butted Seam	Vinyl	Heat Shrink	Insulation Color
16-14 to 22-18	10316	20316	40316	blue w/ red stripe
12-10 to 16-14	10317	20317	40317	yellow w/ blue stripe
8-ga to 12-10	10318	20318	40318	red w/ yellow stripe
6ga to 8ga	10319	20319	-	blue w/ red stripe

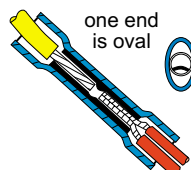
Heat Shrink Butt Connector

(Adhesive Lined Tubing)



Wire Size	Heat Shrink
22-18	20082
16-14	20172
12-10	20312
8	40624

Vinyl Oval Butt Connector



Wire Size	Oval Butt
16-14	20174

4 Piece Nylon Butt Connector

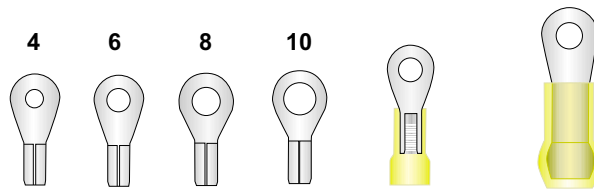
(With Support Sleeve)



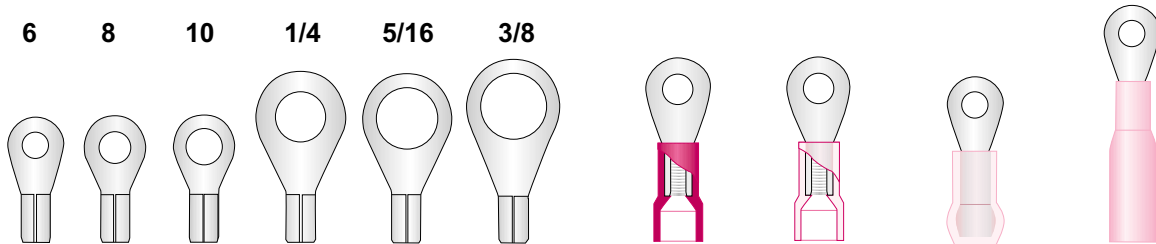
Wire Size	4-Pc Nylon
22-18	30080
16-14	30170
12-10	30310

24-20, 22-18, 16-14

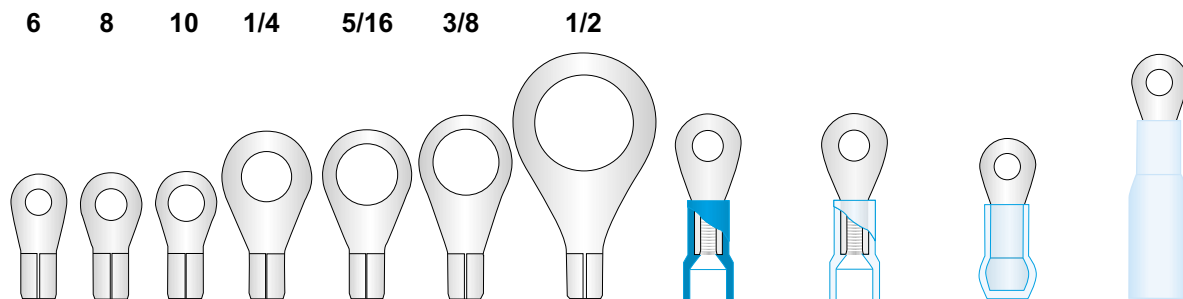
RINGS



Wire Size	Stud Size	Bare Brazed Seam	Vinyl	3-Pc Nylon
24-20	4	12404	22404	32404
	6	12406	22406	32406
	8	12408	22408	32408
	10	12410	22410	32410

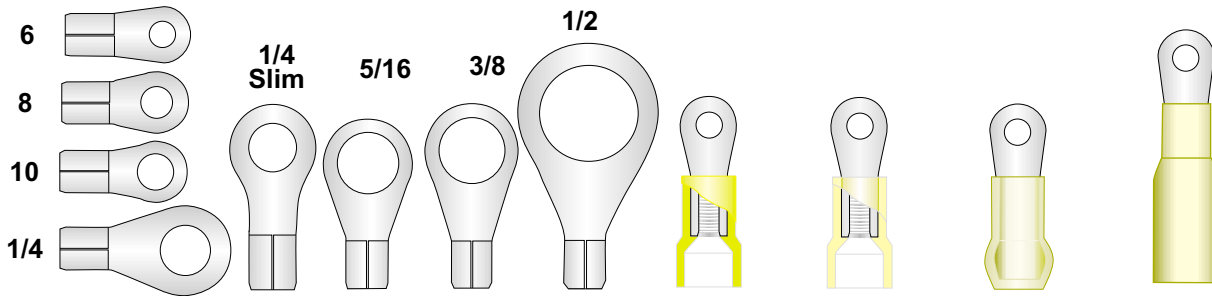


Wire Size	Stud Size	Bare Butted Seam	Bare Brazed Seam	Molded Vinyl	Molded Nylon	3-PC Nylon	Heat Shrink
22-18	6	10020	10020BZ*	50020*	50020N*	30020	40020
	8	10030	10030BZ*	50030*	50030N*	30030	40030
	10	10040	10040BZ*	50040*	50040N*	30040	40040
	1/4	10041	10041BZ*	50041*	50041N*	30041	40041
	5/16	10042	10042BZ*	50042*	50042N*	30042	40042
	3/8	10043	10043BZ*	50043*	50043N*	30043	40043

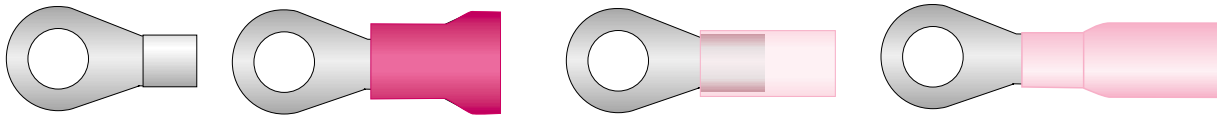


Wire Size	Stud Size	Bare Butted Seam	Bare Brazed Seam	Molded Vinyl	Molded Nylon	3-PC Nylon	Heat Shrink
16-14	6	10086	10086BZ*	50086*	50086N*	30086	40086
	8	10090	10090BZ*	50090*	50090N*	30090	40090
	10	10100	10100BZ*	50100*	50100N*	30100	40100
	1/4	10101	10101BZ*	50101*	50101N*	30101	40101
	5/16	10102	10102BZ*	50102*	50102N*	30102	40102
	3/8	10103	10103BZ*	50103*	50103N*	30103	40103
	1/2	10104	10104BZ	50104	50104N	30104	40104

12-10, 8, 6, 4, 2, 1/0, 2/0, 3/0, 4/0



Wire Size	Stud Size	Bare Butted Seam	Bare Brazed Seam	Molded Vinyl	Molded Nylon	3-PC Nylon	Heat Shrink
12-10	6	10210	10210BZ*	50210*	50210N*	30210	40210
	8	10220	10220BZ*	50220*	50220N*	30220	40220
	10	10230	10230BZ*	50230*	50230N*	30230	40230
	1/4	10240	10240BZ*	50240*	50240N*	30240	40240
	1/4 Slim	10245	10245BZ*	50245*	50245N*	30245	40245
	5/16	10250	10250BZ*	50250*	50250N*	30250	40250
	3/8	10260	10260BZ*	50260*	50260N*	30260	40260
	1/2	10233	10233BZ	50233	50233N	30233	40233

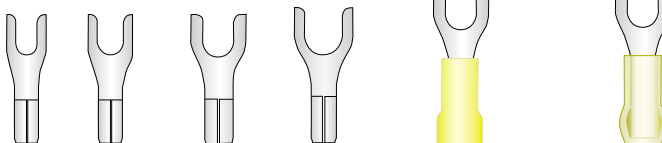


Wire Size	Stud Size	Bare Brazed Seam	Vinyl Insulated	Molded Vinyl	2-PC Nylon	Molded Nylon	Heat Shrink
8	8-10	10610		50610		50610N	40610
	1/4	10611		50611		50611N	40611
	5/16	10612		50612		50612N	40612
	3/8	10613		50613		50613N	40613
	1/2	10614		50614		50614N	40614
6	8-10	10615		50615		50615N	
	1/4	10616		50616		50616N	
	5/16	10617		50617		50617N	
	3/8	10618		50618		50618N	
	1/2	10619		50619		50619N	
4	1/4	10620	20620		20620N		
	5/16	10621	20621		20621N		
	3/8	10622	20622		20622N		
	1/2	10623	20623		20623N		
2	1/4	10628	20628		20628N		
	5/16	10629	20629		20629N		
	3/8	10630	20630		20630N		
	1/2	10631	20631		20631N		
1/0	3/8	10632					
	1/2	10633					
	3/4	10634					
	7/8	10635					
2/0	3/8	10636					
	1/2	10637					
	7/8	10638					
3/0	1/2	10639					
	5/8	10640					
	7/8	10641					
4/0	1/2	10642					
	5/8	10643					
	3/4	10644					
	7/8	10645					

24-20, 22-18, 16-14, 12-10

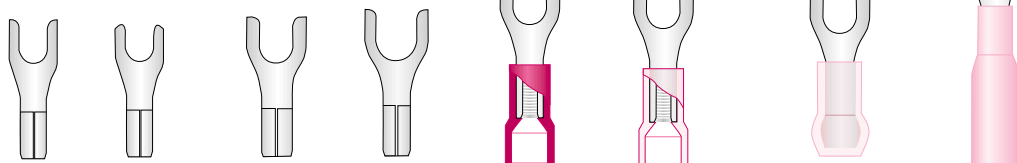
SPADES

4 6 8 10



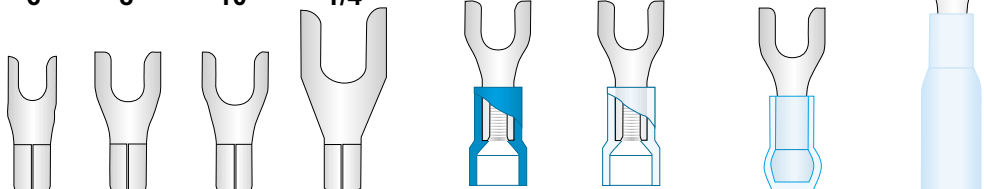
Wire Size	Stud Size	Bare Brazed Seam	Vinyl	3-PC Nylon
24-20	4	12414	22414	32414
	6	12416	22416	32416
	8	12418	22418	32418
	10	12420	22420	32420

6 6 Short 8 10



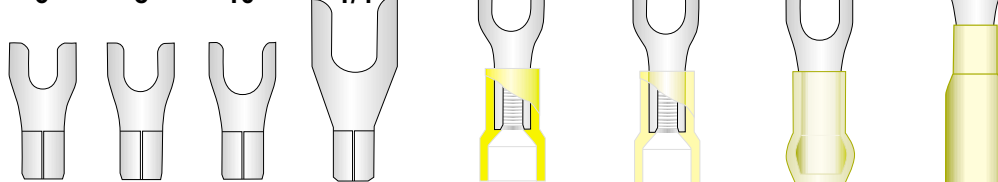
Wire Size	Stud Size	Bare Butted Seam	Bare Brazed Seam	Molded Vinyl	Molded Nylon	3-PC Nylon	Heat Shrink
22-18	6	10050	10050BZ	50050*	50050N*	30050	40050
	6 Short	10055		50055	50055N	30055	40055
	8	10060	10060BZ*	50060*	50060N*	30060	40060
	10	10070	10070BZ*	50070*	50070N*	30070	40070

6 8 10 1/4



Wire Size	Stud Size	Bare Butted Seam	Bare Brazed Seam	Molded Vinyl	Molded Nylon	3-PC Nylon	Heat Shrink
16-14	6	10140	10140BZ	50140*	50140N*	30140	40140
	8	10150	10150BZ*	50150*	50150N*	30150	40150
	10	10160	10160BZ*	50160*	50160N*	30160	40160
	1/4	10165	10165BZ	50165	50165N	30165	40165

6 8 10 1/4

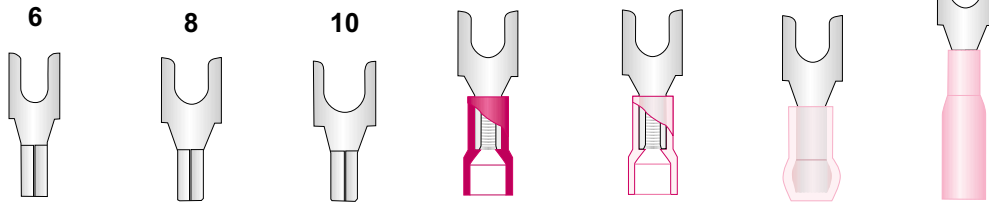


Wire Size	Stud Size	Bare Butted Seam	Bare Brazed Seam	Molded Vinyl	Molded Nylon	3-PC Nylon	Heat Shrink
12-10	6	10270	10270BZ	50270*	50270N*	30270	40270
	8	10280	10280BZ*	50280*	50280N*	30280	40280
	10	10290	10290BZ*	50290*	50290N*	30290	40290
	1/4	10234	10234BZ	50234	50234N	30234	40234

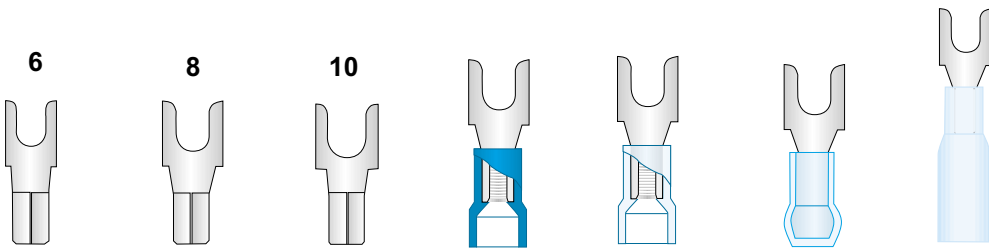
Block Spades

22-18, 16-14, 12-10

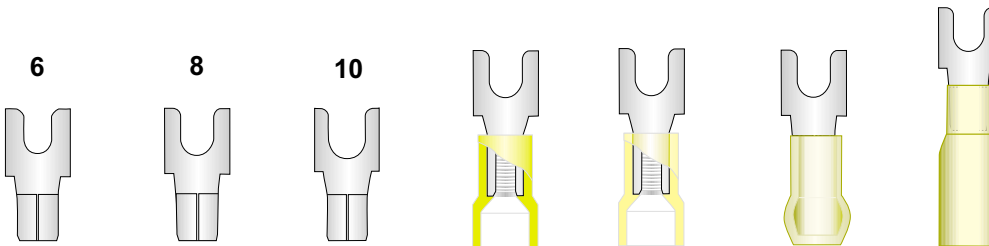
**BLOCK
SPADES**



Wire Size	Stud Size	Bare Butted Seam	Bare Brazed Seam	Molded Vinyl	Molded Nylon	3-PC Nylon	Heat Shrink
22-18	6	10052	10052BZ	50052	50052N	30052	40052
	8	10062	10062BZ	50062	50062N	30062	40062
	10	10072	10072BZ	50072	50072N	30072	40072



Wire Size	Stud Size	Bare Butted Seam	Bare Brazed Seam	Molded Vinyl	Molded Nylon	3-PC Nylon	Heat Shrink
16-14	6	10142	10142BZ	50142	50142N	30142	40142
	8	10152	10152BZ	50152	50152N	30152	40152
	10	10162	10162BZ	50162	50162N	30162	40162



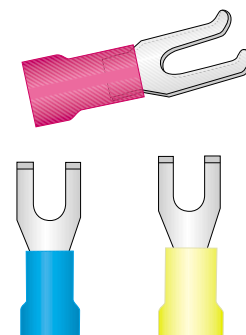
Wire Size	Stud Size	Bare Butted Seam	Bare Brazed Seam	Molded Vinyl	Molded Nylon	3-PC Nylon	Heat Shrink
12-10	6	10272	10272BZ	50272	50272N	30272	40272
	8	10282	10282BZ	50282	50282N	30282	40282
	10	10292	10292BZ	50292	50292N	30292	40292

Flanged Spades

22-18, 16-14, 12-10

**FLANGED
SPADES**

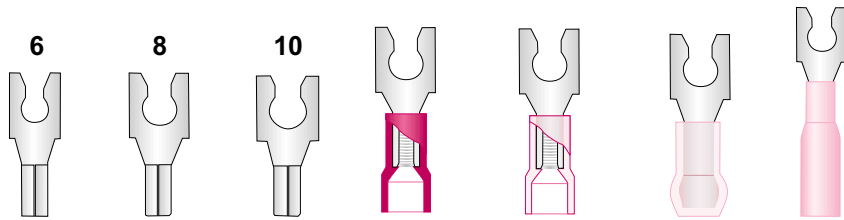
Wire Size	Stud Size	Bare Butted Seam	Vinyl Insulated	Heat Shrink
22-18	6	10053	20053	40053
	8	10063	20063	40063
	10	10073	20073	40073
16-14	6	10143	20143	40143
	8	10153	20153	40153
	10	10163	20163	40163
12-10	6	10273	20273	40273
	8	10283	20283	40283
	10	10293	20293	40293



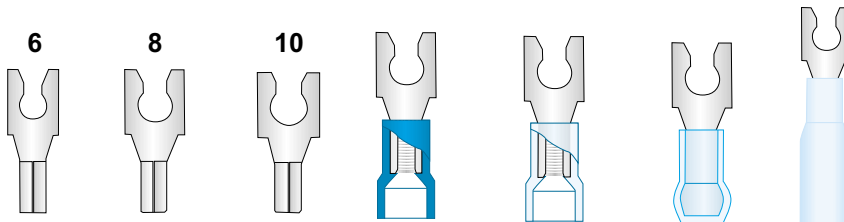
Snap Spades

22-18, 16-14, 12-10

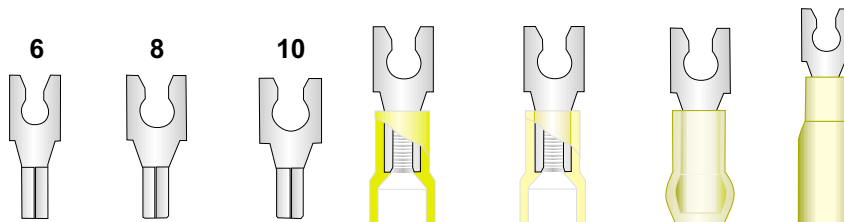
SNAP
SPADES



Wire Size	Stud Size	Bare Butted Seam	Bare Brazed Seam	Molded Vinyl	Molded Nylon	3-PC Nylon	Heat Shrink
22-18	6	10051	10051BZ	50051	50051N	30051	40051
	8	10061	10061BZ	50061	50061N	30061	40061
	10	10071	10071BZ	50071	50071N	30071	40071



Wire Size	Stud Size	Bare Butted Seam	Bare Brazed Seam	Molded Vinyl	Molded Nylon	3-PC Nylon	Heat Shrink
16-14	6	10141	10141BZ	50141	50141N	30141	40141
	8	10151	10151BZ	50151	50151N	30151	40151
	10	10161	10161BZ	50161	50161N	30161	40161



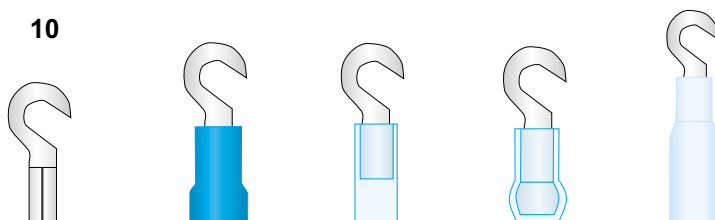
Wire Size	Stud Size	Bare Butted Seam	Bare Brazed Seam	Molded Vinyl	Molded Nylon	3-PC Nylon	Heat Shrink
12-10	6	10271	10271BZ	50271	50271N	30271	40271
	8	10281	10281BZ	50281	50281N	30281	40281
	10	10291	10291BZ	50291	50291N	30291	40291

Hooks

22-18, 16-14, 12-10

HOOKS

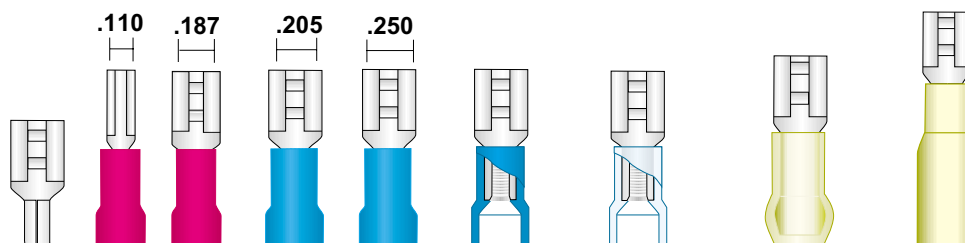
10



Wire Size	Stud Size	Bare Butted Seam	Molded Vinyl	Molded Nylon	3-PC Nylon	Heat Shrink
22-18	10	10087	50087	50087N	30087	40087
16-14	10	10120	50120	50120N	30120	40120
12-10	10	10130	50130	50130N	30130	40130

Female Quick Disconnects

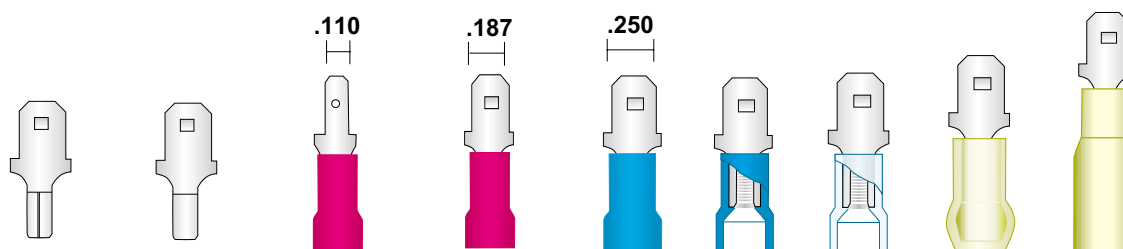
22-18, 16-14, 12-10



Wire Size	Tab Size	Bare Butted Seam	Vinyl Insulated	Molded Vinyl	Molded Nylon	3-PC Nylon	Heat Shrink
22-18	.110 X .020	10191	20191			30191	40191
	.187 X .020	10192	20192			30192	40192
	.205 X .020		20193				
	.250 X .030	10176		50176	50176N	30176	40176
16-14	.110 X .020	10194	20194			30194	40194
	.187 X .020	10195	20195			30195	40195
	.205 X .020		20196				
	.250 X .030	10180		50180	50180N	30180	40180
12-10	.250 X .030	10187		50187	50187N	30187	40187
	.375 X .030		20166				

Male Quick Disconnects

22-18, 16-14, 12-10

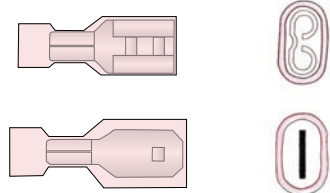
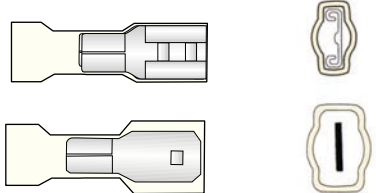


Wire Size	Tab Size	Bare Butted Seam	Bare Brazed Seam	Vinyl Insulated	Molded Vinyl	Molded Nylon	3-PC Nylon	Heat Shrink
22-18	.110 X .020			20088				
	.187 X .020	10197		20197			30197	40197
	.250 X .030	10177	10177BZ		50177	50177N	30177	40177
16-14	.110 X .020			20089				
	.187 X .020	10198		20198			30198	40198
	.250 X .030	10181	10181BZ		50181	50181N	30181	40181
12-10	.250 X .030	10186			50186	50186N	30186	40186

QUICK
DISCONNECTS

Quick Disconnects Fully Insulated

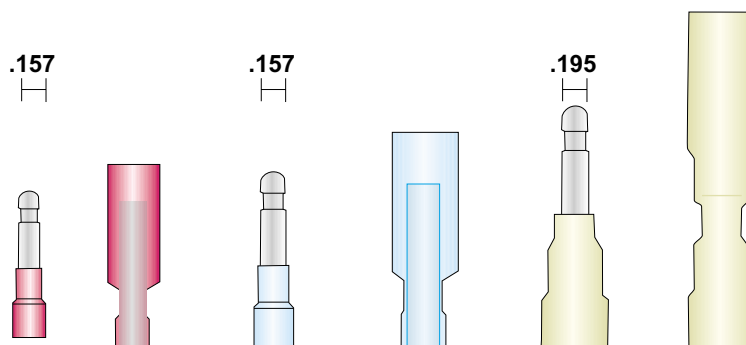
22-18, 16-14, 12-10

Style A	Style B
	
Oval Shaped Insulation Ends	Insulation has hump - both sides

Wire Size	Tab Size	Style A		Style B	
		Nylon	3-PC Nylon	Nylon	Heat Shrink
22-18	.110 X .032 Female		32191		
	.187 X .032 Female		32192		
	.250 X .032 Male	20178	30178	20206	40178
	.250 X .032 Female	20179	30179	20207	40179
16-14	.187 X .032 Female		32195		
	.250 X .032 Male	20182	30182	20208	40182
	.250 X .032 Female	20183	30183	20209	40183
12-10	.250 X .032 Male			20212	40200
	.250 X .032 Female		30199	20213	40199

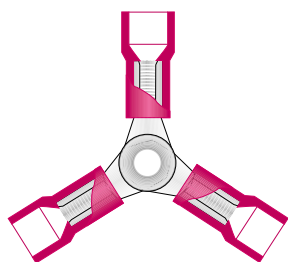
Bullet Connectors

22-18, 16-14, 12-10



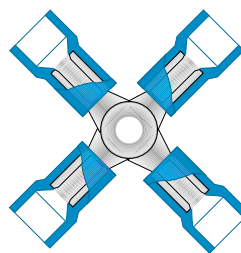
Wire Size	Tab Size	Bare Butted Seam	Vinyl Insulated	2-Pc Nylon	3-Pc Nylon	Heat Shrink
22-18	.157 Male	10284	20284V	20284	30284	40284
	.157 Female		20285V	20285	30285	40285
16-14	.157 Male	10184	20184V	20184	30184	40184
	.157 Female		20185V	20185	30185	40185
	.195 Male		20484V			40484
	.195 Female		20485V			40485
12-10	.195 Male	10384	20384V			40384
	.195 Female		20385V			40385

Three Way



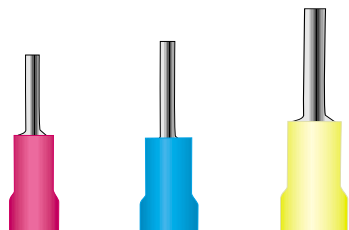
Wire Size	Molded Vinyl	Molded Nylon	3-Pc Nylon	Heat Shrink
22-18	50400	50400N	30400	40400
16-14	50410	50410N	30410	40410
12-10	50420	50420N	30420	40420

Four Way



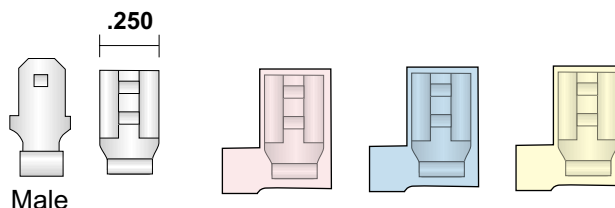
Wire Size	Molded Vinyl	Molded Nylon	3-Pc Nylon	Heat Shrink
22-18	50430	50430N	30430	40430
16-14	50440	50440N	30440	40440
12-10	50450	50450N	30450	40450

Pin Terminals



Wire Size	Vinyl
22-18	PTV1
16-14	PTV2
12-10	PTV5

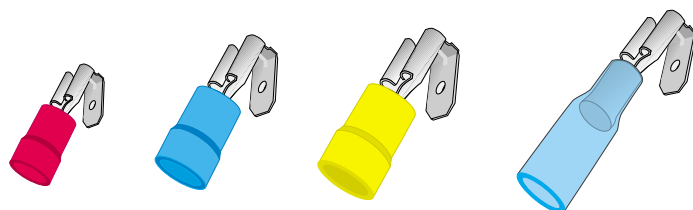
Flags



Wire Size	Non Insulated	Nylon Insulated	Heat Shrink
22-18	10188	20188	40188
16-14	10189	20189	40189
	10669(male)		
12-10	10190	20190	40190

* ALL 1/4" TAB

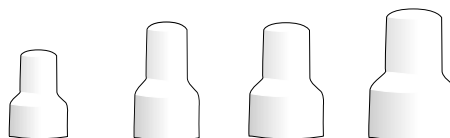
Piggybacks



Wire Size	Bare Butted Seam	Vinyl	3-PC Nylon	Heat Shrink
22-18	10662	20662	30662	40662
16-14	10663	20663	30663	40663
12-10	10666	20664		40664

* ALL 1/4" TAB

Pigtails



Wire Size	Part #
22-16	20569
16-14	20570
12-10	20571
8	20572

THREE WAY
FOUR WAY

PIN TERMINALS
FLAGS

PIGGY BACKS
PIGTAILS

Seamless Parallel Connectors

22-18, 16-14, 12-10, 8, 6, 4, 2, 1/0, 2/0, 3/0, 4/0



Wire Size	Bare Seamless	Vinyl Insulated	2-Pc Nylon	Heat Shrink
22-18	10647	20647	20647N	40647
16-14	10648	20648	20648N	40648
12-10	10649	20649	20649N	40649
8	10650	20650	20650N	40650
6	10651		20651N	
4	10652			
2	10653			
1/0	10654			
2/0	10655			
3/0	10656			
4/0	10657			

Adapters

Only one crimp is needed to complete splice.

All Adapters have .250 tabs, except the 2-Way Bullet Receptacle which has a .157 Tab

Double Male Single Female	3-Way Adapter	Chair Adapter	2-Way Bullet Receptacle
			
10664	10665	10667	10668

Insulated Double Male	Insulated Triple Male	ATO Fuse Tap	Glass Fuse Tap
			
10670	10671	10672 10672-mini	10673

Ferrule Wire Ends

Crimps 22-10
Part# 20598
Length 9.3"

Wire Size	Color	Part#	L X W X D
22	White	10822	.551 x .051 x .122
20	Blue	10820	.551 x .061 x .130
18	Red	10818	.551 x .069 x .138
16	Black	10816	.551 x .083 x .157
14	Gray	10814	.551 x .102 x .185
12	Orange	10812	.669 x .134 x .213
10	Green	10810	.787 x .161 x .272

Material: Copper

Insulation Material: Nylon

Heat Shrink Terminals

HEAT SHRINK TERMINALS



Crimp & Seal (A)



Solder & Seal (B)



Crimp, Solder & Seal (C)

The terminals are copper (.110 alloy). Seamless connectors used on butts. Rings & Spades are brazed seam. The tubing is a high quality polyolefin. Multiple wall heat-shrinkable tubing. Color coded with wire size clearly marked.

Description	Wire Size	Stud Size	Crimp & Seal (A)	Solder & Seal (B)	Crimp, Solder & Seal (C)
BUTTS	24-20			60024	80024
	22-18		20082	60082	80082
	16-14		20172	60172	80172
	12-10		20312	60312	80312
RINGS	22-18	6	40020	60020	80020
		8	40030	60030	80030
		10	40040	60040	80040
		1/4	40041	60041	80041
	16-14	3/8	40043	60043	80043
		8	40090	60090	80090
		10	40100	60100	80100
		1/4	40101	60101	80101
		3/8	40103	60103	80103
	12-10	10	40230	60230	80230
		1/4	40240	60240	80240
		3/8	40260	60260	80260
		1/2	40233	60233	80233
SPADES	22-18	10	40070	60070	80070
	16-14	10	40160	60160	80160
	12-10	10	40290	60290	80290
QUICK DISCONNECTS	22-18	.250 FEMALE	40176	60176	80176
		.250 MALE	40177	60177	80177
	16-14	.250 FEMALE	40180	60180	80180
		.250 MALE	40181	60181	80181
	12-10	.250 FEMALE	40187	60187	80187
		.250 MALE	40186	60186	80186
FULLY INSULATED QDC	22-18	.250 FEMALE	40179	60179	80179
	16-14	.250 FEMALE	40183	60183	80183
	12-10	.250 FEMALE	40199	60199	80199

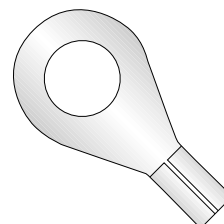
**Other crimp and seal terminals available.

High Temperature Terminals - 900°

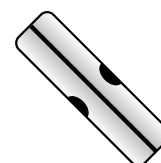
HIGH TEMPERATURE TERMINALS

Non-Insulated Terminals are made of steel. They are nickel plated for temperatures up to 900°F (482°C)

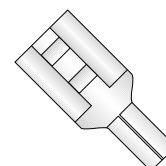
RINGS		
Wire Size	Stud Size	Nickel Plated Steel
22-18	6	10020HT
	8	10030HT
	10	10040HT
	1/4	10041HT
	5/16	10042HT
16-14	6	10086HT
	8	10090HT
	10	10100HT
	1/4	10101HT
	5/16	10102HT
	3/8	10103HT
12-10	6	10210HT
	8	10220HT
	10	10230HT
	1/4	10240HT
	5/16	10250HT
	3/8	10260HT



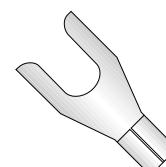
BUTT CONNECTORS	
Wire Size	Nickel Plated Steel
22-18	10080HT
16-14	10170HT
12-10	10310HT



QUICK CONNECTS		
Wire Size	Stud Size	Nickel Plated Steel
22-18	.250 Female	10176HT
16-14	.250 Female	10180HT
16-14	.250 Male	10181HT
12-10	.250 Female	10187HT



SPADES		
Wire Size	Stud Size	Nickel Plated Steel
22-18	10	10070HT
16-14	10	10160HT
12-10	10	10290HT



Heavy Duty Electrical Lugs

HEAVY DUTY ELECTRICAL LUGS



Wire Size	Stud Size	Unplated	Plated
8	10	8101-00	8101-60
	1/4	8141-00	8141-60
	5/16	8562-00	8562-60
	3/8	8382-00	8382-60
	1/2	8503-00	8503-60
6	10	6101-00	6101-60
	1/4	6141-00	6141-60
	5/16	6562-00	6562-60
	3/8	6382-00	6382-60
	1/2	6503-00	6503-60
4	10		4101-60
	1/4	4141-00	4141-60
	5/16	4562-00	4562-60
	3/8	4382-00	4382-60
	1/2	4503-00	4503-60
2	1/4	2141-00	2141-60
	5/16	2561-00	2561-60
	3/8	2381-00	2381-60
	1/2	2503-00	2503-60
1	1/4	1141-00	1141-60
	5/16	1561-00	1561-60
	3/8	1381-00	1381-60
	1/2	1503-00	1503-60
1/0	1/4		10141-60
	5/16	10561-00	10561-60
	3/8	10381-00	10381-60
	1/2	10501-00	10501-60
2/0	1/4		20141-60
	5/16	20561-00	20561-60
	3/8	20381-00	20381-60
	1/2	20501-00	20501-60
3/0	1/4		30141-60
	5/16		30561-60
	3/8	30381-00	30381-60
	1/2	30501-00	30501-60
4/0	1/4		40141-60
	5/16		40561-60
	3/8	40381-00	40381-60
	1/2	40501-00	40501-60



Metric and AWG wire size

Metric values are expressed as a range and vary by country

mm²	1	2	3	4-5	6-8	9-13	14-21	22-35	36-42	43-53	54-68	69-86	87-107
AWG	16	14	12	10	8	6	4	2	1	1/0	2/0	3/0	4/0

Flared Ends For Easy Wire Insertion



Plated

Wire Size	Part#	Color Code
8	8001-25	Red
6	6001-25	Blue
4	4001-25	Gray
2	2001-25	Brown
1	1001-25	Green
1/0	10001-25	Pink
2/0	20001-25	Black
3/0	30001-25	Orange
4/0	40000-25	Purple

Battery Terminals

BATTERY TERMINALS

Part #	Wire Size	Post Type	Color Code
TOP POST STRAIGHTS			
C2101T	6 GA	Universal	Gray
C2102T	4 GA	Universal	Gray
C2103T	4 GA	Negative	Gray
C2104T	4 GA	Positive	Gray
C2105T	2 GA	Negative	Green
C2106T	2 GA	Positive	Green
C2107T	1GA	Negative	Pink
C2108T	1GA	Positive	Pink
C2109T	1/0	Negative	Black
C2110T	1/0	Positive	Black
C2111T	2/0	Negative	Orange
C2112T	2/0	Positive	Orange
C2113T	3/0	Negative	Purple
C2114T	3/0	Positive	Purple
C2115T	4/0	Negative	Yellow
C2116T	4/0	Positive	Yellow



TOP POST STRAIGHTS

- Made of cast copper, tin plated to resist corrosion
- Exceeds SAE conductivity standards, J163 and J1811
- Permanent, indelible, readable gauge and polarity stamped on clamp
- Quick Connectors are listed by UL (UL STD. 486A), when applied with Quick Cable HexCrimp tools 4255-001, 4255-001M or 4255-001R
- Made in USA

TOP POST RIGHT ANGLES (FLAG)			
C2209T	1/0	Negative	Black
C2210T	1/0	Positive	Black
C2211T	2/0	Negative	Orange
C2212T	2/0	Positive	Orange
C2213T	3/0	Negative	Purple
C2214T	3/0	Positive	Purple
C2215T	4/0	Negative	Yellow
C2216T	4/0	Positive	Yellow



TOP POST RIGHT ANGLES (FLAG)

TOP POST RIGHT ELBOWS			
C2309T	1/0	Negative	Black
C2310T	1/0	Positive	Black
C2311T	2/0	Negative	Orange
C2312T	2/0	Positive	Orange
C2313T	3/0	Negative	Purple
C2314T	3/0	Positive	Purple
C2315T	4/0	Negative	Yellow
C2316T	4/0	Positive	Yellow



TOP POST RIGHT ELBOWS



TOP POST LEFT ELBOWS			
C2409T	1/0	Negative	Black
C2410T	1/0	Positive	Black
C2411T	2/0	Negative	Orange
C2412T	2/0	Positive	Orange
C2413T	3/0	Negative	Purple
C2414T	3/0	Positive	Purple
C2415T	4/0	Negative	Yellow
C2416T	4/0	Positive	Yellow



TOP POST LEFT ELBOWS

STUD - SIDE MOUNT STRAIGHTS			
C2602T	4 GA	Universal	Green
C2607T	1-2 GA	Universal	Pink
C2609T	1/0	Universal	Black
C2611T	2/0	Universal	Orange
C2613T	3/0	Universal	Purple



STUD-SIDE MOUNT

STUD - SIDE MOUNT (SPLICE)			
C2709T	1/0	Universal	Black
C2711T	2/0	Universal	Orange
C2713T	3/0	Universal	Purple



SPLICE

Only battery connectors that are UL listed - proven conductivity & safety

Exceeds SAE conductivity standards

Battery & Welding Cable

BATTERY CABLES

What's the difference between battery cable & welding cable?

- Battery Cable is the OEM standard. Our battery cable meets or exceeds standards established by the Society of Automotive Engineers, (SAE). Battery cable, insulated with PVC, is flame retardant & resistant to fuel, oil acid & salt.
- A welding cable is made with very fine copper wire and insulated with synthetic rubber. It's more flexible than battery cable, especially in the cold temperatures. Welding cable is easier to route in tight spaces.



8

6

4

2

1

1/0

2/0

3/0

4/0

Gauge	Color Coded Stripe	Battery Cable with PVC Insulation		Welding Cable with Extra Flexible Insulation	
		25 ft.		25 ft.	
		Black	Red	Black	Red
8	Gray	58008-25B	58008-25R	-	-
6	Gray	58006-25B	58006-25R	59006-25B	59006-25R
4	Gray	58004-25B	58004-25R	59004-25B	59004-25R
2	Green	58002-25B	58002-25R	59002-25B	59002-25R
1	Pink	58001-25B	58001-25R	59001-25B	59001-25R
1/0	Black	58010-25B	58010-25R	59010-25B	59010-25R
2/0	Orange	58020-25B	58020-25R	59020-25B	59020-25R
3/0	Purple	58030-25B	58030-25R	59030-25B	59030-25R
4/0	Yellow	58040-25B	58040-25R	59040-25B	59040-25R

Terminal Insulators & Battery Covers

TERMINAL INSULATORS & BATTERY COVERS

**Protects live wire power connections from accidental shorts.
High Temperature PVC construction rated at 190°F/90°C**

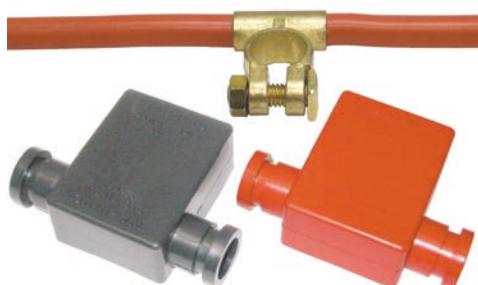
MEDIUM DUTY STARTER



Wire Size	Color	Part #
8-2	Black	7001B
	Red	7001R

Fits opening up to 25.4mm (1.0")

FLAG CLAMP



Wire Size	Color	Part #
4ga-4/0	Black	7002B
	Red	7002R

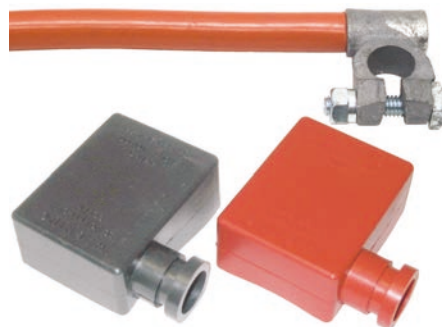
ALTERNATOR CAPS



Wire Size	Color	Part #
8-2	Black	7003B
	Red	7003R

Fits opening up to 18.5mm (0.73")

RIGHT & LEFT ELBOWS



Shown in Right Elbow

Wire Size	Color	Part #
Use with Left Elbow Terminals		
4-4/0	Black	7004B
	Red	7004R
Use With Right Elbow Terminals		
4-4/0	Black	7005B
	Red	7005R

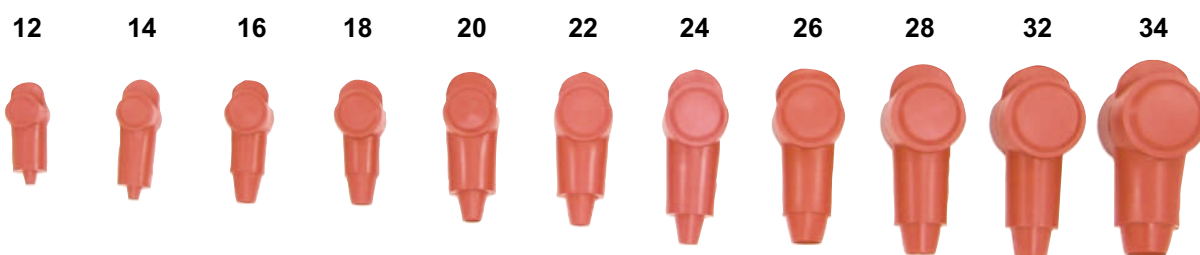
STRAIGHT CLAMP



Wire Size	Color	Part #
8-2	Black	7006B
	Red	7006R
2-2/0	Black	7007B
	Red	7007R
3/0-4/0	Black	7008B
	Red	7008R

Terminal Insulators & Battery Covers

TERMINAL INSULATORS & BATTERY COVERS



Wire Range	Terminal O.D.		Post Height Up To		Part#
	mm	inches	mm	inches	
18-10	12	.472	22.1	.870	7009R
	14	.551	22.1	.870	7010R
	18	.709	22.1	.870	7011R
8-1	12	.472	22.1	.870	7012R
	14	.551	22.1	.870	7013R
	16	.630	22.1	.870	7014R
	18	.709	22.1	.870	7015R
	20	.787	24.1	.940	7016R
2-2/0	20	.787	24.1	.94	7017R
	22	.866	26.7	1.05	7018R
	24	.945	28.7	1.13	7019R
	32	1.260	40.64	1.60	7020R
3/0-4/0	32	1.260	40.64	1.60	7021R
	34	1.260	40.64	1.60	7022R

Adapter Terminal Cap



For use with single or multiple cables up to: 19mm (0.75") Part# 7023R

Universal Marine Battery Cap



This cap will swivel to accommodate the cable direction. For use with single or multiple cables up to: 19mm (0.75") Part# 7024R

Primary Wire

PRIMARY WIRE

100 ft. rolls

Wire Size	Purple	Black	Orange	Green	White	Brown	Pink	Red	Blue	Yellow	Gray
6 GA		54061			54064			54067			
8 GA		54081			54084			54087			
10 GA	54100	54101	54102	54103	54104	54105	54106	54107	54108	54109	541010
12 GA	54120	54121	54122	54123	54124	54125	54126	54127	54128	54129	541210
14 GA	54140	54141	54142	54143	54144	54145	54146	54147	54148	54149	541410
16 GA	54160	54161	54162	54163	54164	54165	54166	54167	54168	54169	541610
18 GA	54180	54181	54182	54183	54184	54185	54186	54187	54188	54189	541810

Wire Size	Recommended Uses
10 GA	For generator, heater switch, air conditioner, ammeter & panel lights
12 GA	Light switches & ignition switch
14 GA	Horn button circuit, head lights, gas gauge to coil, cigarette lighter
16 GA	Header leads, gas gauge, directionals, stop signal, generator to starter
18 GA	Single, bulb, low amp circuits, clock



Jacketed Primary Wire

JACKETED PRIMARY WIRE

100 ft. rolls

Wire Size	2 Conductor black and white	3 Conductor black-white-green	4 Conductor black-white-green-red
8	55082	-----	-----
10	55102	55103	55104
12	55122	55123	55124
14	55142	55143	55144
16	55162	55163	55164

Recommended for auto, truck, agriculture, construction and light marine applications. Heavy Duty flat PVC outer jacket is abrasion resistant and protects against moisture, oil, acid & salt.

Trailer Wire

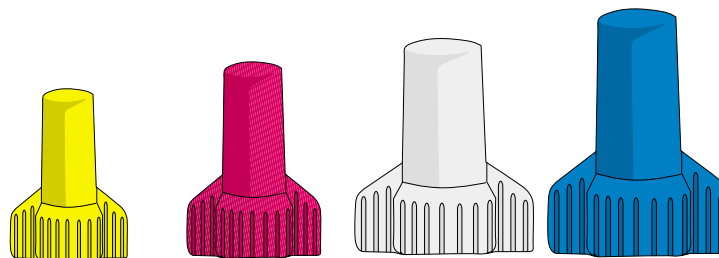
TRAILER WIRE

100 ft. rolls

Wire Size	2 Conductor black and red	3 Conductor brown-green-yellow	4 Conductor brown-green-yellow-white
14	53142	53143	53144
16	53162	53163	53164
18	53182	53183	53184

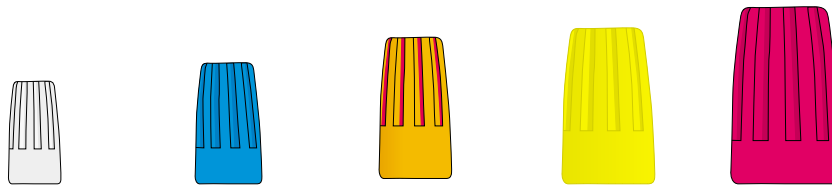
Recommended for RV's, boats, and utility trailers

Finger Grip Connectors



Part #	20584	20586	20588	20589
Wire Size	18-10	18-10	14-8	12-6
Minimum	2 #8	2 #14	3 #12	1 #10 + 1 #12
Maximum	3 #12	4 #12	4# 10	1#6 + 2 #6

Screw On Wire Connectors



Part #	20501	20502	20503	20504	20506
Wire Size	22-16	22-14	22-14	18-12	18-10
Minimum	1 #20 + 1 #22	3 #22	3 #22	1 #14 + 1 #18	1 #12 + 2 #8
Maximum	2 #16	3 #16	3 #16 + 1 #18	2 #14 + 3 #16	3 #10

Performance Plus Connectors

Part #	20540	20541	20542
Wire Size	22-12	18-8	14-8
Minimum	2 #22	2 #18	4 #14
Maximum	2 #12	2 #8	5 #12



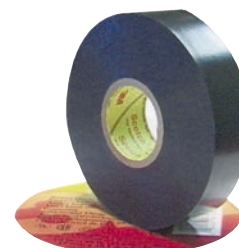
Performance Plus connectors replace eight other connectors.

Because of their increased range, just three Scotchlok connectors handle the work of eight standard connectors.

Vinyl Electrical Tape

Part #	Description	Length
TAPE	Import Tru-Grip - 7.5 mil	3/4" x 60'
TAPE33	3M Super 33 - 7 mil	3/4" x 66'
TAPE88	3M Super 88 - 8.5 mil	3/4" x 66'
TAPE22	3M Heavy Duty 22 - 10 mil	3/4" x 36'

Each roll individually wrapped. Sold by the roll or sleeve.



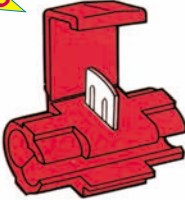
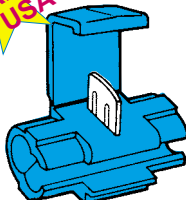
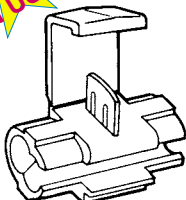
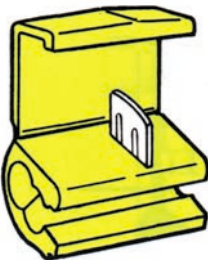
FINGER GRIP
CONNECTORS

SCREW ON WIRE
CONNECTORS

PERFORMANCE
PLUS CONNECTORS

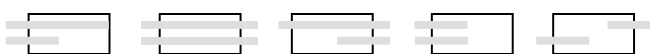
TAPE-VINYL
ELECTRICAL

Instant Tap Connectors

			
20510 22-16 with stop	20500 18-14 with stop	20512 18-14 no stop	20511 12-10 with stop

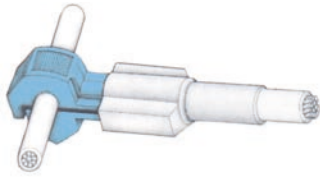


WITH WIRE STOP



WITH NO WIRE STOP

T-Tap Connectors

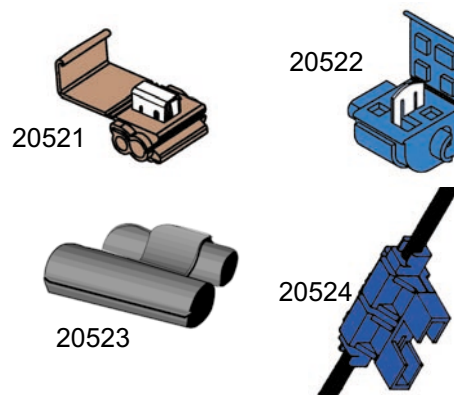
			
20514 22-16	20515 16-14	20516 12-10	Mates with Style B on page 10. Can be disconnected

IDC & Miscellaneous Connectors



IDC CONNECTORS		
Part #	Wire Size	Description
20518	22-14	Moisture resistant seal/blue
20519	22-14	Dry environment/clear
20520	22-16	Moisture resistant seal/black

MISCELLANEOUS CONNECTORS		
Part #	Wire Size	Description
20521	18-14 12-10	Brown Instant Tap-Dual Connection
20522	18-16	Blue Instant Tap w/sealant
20523	18-16	Bullet Style Tap
20524	18-16	Auto Fuse Holder



Fuses & Fuse Holders

FUSES & FUSE HOLDERS

MINI FUSE		
PART #	AMP	COLOR
63003	3	Violet
63004	4	Pink
63005	5	Tan
63007	7.5	Brown
63010	10	Red
63015	15	Blue
63020	20	Yellow
63025	25	Clear
63030	30	Green



MINI FUSE HOLDERS

PVC Fuse Holder w/12" Wire	
PART #	WIRE RANGE
90012	12ga-Rated to 30 amp
90014	14ga-Rated to 20 amp
90016	16ga-Rated to 10 amp
90018	18ga-Rated to 5 amp



STANDARD FUSE		
PART #	AMP	COLOR
63103	3	Violet
63104	4	Pink
63105	5	Tan
63107	7.5	Brown
63110	10	Red
63115	15	Blue
63120	20	Yellow
63125	25	Clear
63130	30	Green
63135	35	Purple
63140	40	Orange



STANDARD FUSE HOLDERS

Nylon Fuse Holder w/8" Wire	
PART #	WIRE RANGE
90110	10ga-Rated to 40 amp
90112	12ga-Rated to 30 amp
90114	14ga-Rated to 20 amp
90116	16ga-Rated to 10 amp
90118	18ga-Rated to 5 amp



PVC Fuse Holder w/12" Wire	
PART #	WIRE RANGE
90210	10ga-Rated to 40 amp
90212	12ga-Rated to 30 amp
90214	14ga-Rated to 20 amp
90216	16ga-Rated to 10 amp
90218	18ga-Rated to 5 amp



MAXI FUSE		
PART #	AMP	COLOR
63430	30	Green
63440	40	Orange
63450	50	Red
63460	60	Blue
63470	70	Brown
63480	80	Clear
63490	100	Violet



PVC Fuse Holder w/12" Wire	
PART #	WIRE RANGE
90312	12ga-Rated to 30 amp
90314	14ga-Rated to 20 amp
90316	16ga-Rated to 10 amp
90318	18ga-Rated to 5 amp



MAXI FUSE HOLDERS

PVC Fuse Holder w/12" Wire	
PART #	WIRE RANGE
90408	8ga-Rated to 60 amp
90410	10ga-Rated to 40 amp



Fuse Puller

FUSE PULLER

Part# 90500 Length: 1.3"	Part# 90600 Length: 2"	Part# 90700 Length: 4.1"
For Mini, Standard, Maxi Fuses	For Mini, Standard, Maxi & Glass Fuses	

Alligator Clips



Length	Max Opening	Red Vinyl Boot	Black Vinyl Boot
1 1/4"	1/4"	AC31R	AC31B
1 3/8"	5/16"	AC35R	AC35B
1 5/8"	7/16"	AC41R	AC41B
2"	7/16"	AC50R	AC50B

Charging Clips



AMPS	Length	Max Opening	RED	BLACK
10 AMP	2 1/16"	19/32"	CC10R	CC10B
20 AMP	2 1/2"	3/4"	CC20R	CC20B
30 AMP	2 3/4"	7/8"	CC30R	CC30B
50 AMP	4 1/8"	1 1/2"	CC50R	CC50B

Split Loom & Spiral Wrap

Split Loom

I. D. Size	100' Roll
1/4"	56014
3/8"	56038
1/2"	56050
5/8"	56058
3/4"	56075
1"	56100

- Provides a Neat Appearance
- Insulates and Protects Wire
- Easy Installation
- Polyethylene
- -40° to +300° F

Part# 20774 Cutting Tool for Loom & Tubing
Part# 10774 Replacement Blade



Spiral Wrap

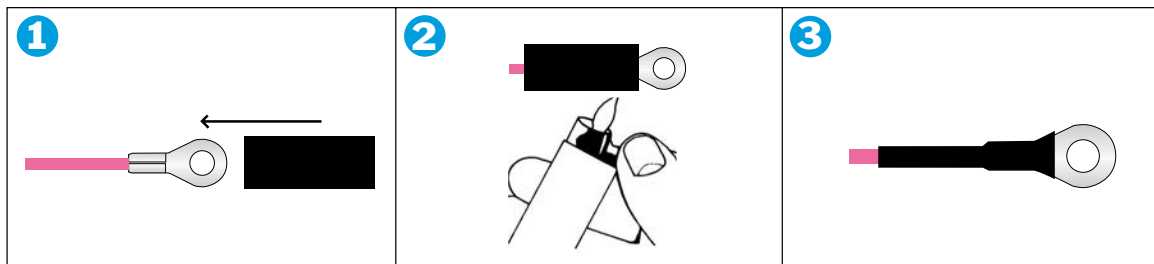
I. D. Size	100 ft. Roll
1/8"	57012
1/4"	57025
3/8"	57038
1/2"	57050
3/4"	57075
1"	57100

- Insulates and Protects Wire
- Bundles Multiple Wire For a Neat Installation
- Wires Can Be Fed Through The Wrap To Different Locations

Heat Shrink Tubing

HEAT SHRINK TUBING

Wire Size	Color	O.D. X Length	Part#
Dual Walled - Color Coded - Adhesive Lined			
22 - 16	Red	3/16" x 6"	23280
16 - 14	Blue	1/4" x 6"	23281
12 - 10	Yellow	5/16" x 6"	23282
Thin Wall - No Adhesive			
22 - 16	Black	1/4" x 3"	23123
16 - 12	Black	3/8" x 3"	23125
12 - 10	Black	1/2" x 3"	23127
Single Wall - No Adhesive			
24 - 20	Black	1/8" x 4'	23603
20 - 14	Black	3/16" x 4'	23604
14 - 8	Black	1/4" x 4'	23605
4 - 1	Black	5/16" x 4'	23606
8 - 4	Black	3/8" x 4'	23607
4 - 1	Black	1/2" x 4'	23608



Double Wall with Meltable Sealant

- FlexTube™ diameters fit wide range of cable sizes
- Remains flexible after shrink
- Offered in red, black and clear
- Clear tube permits visual inspection for easy maintenance and trouble shooting
- Conforms to DOD Mil-I-23053/4 Class 2 specifications

Expanded Diameter	BLACK	CLEAR	RED
1/8" x 6"	23525-06B	23525-06C	23525-06R
3/16" x 6"	23530-06B	23530-06C	23530-06R
1/4" x 6"	23535-06B	23535-06C	23535-06R
3/8" x 6"	23540-06B	23540-06C	23540-06R
1/2" x 6"	23545-06B	23545-06C	23545-06R
3/4" x 6"	23550-06B	23550-06C	23550-06R
1" x 6"	23555-06B	23555-06C	23555-06R

Ratchet controlled, gives the same results whenever you use them.

TOOLS



UL 20591
Non-Insulated 22-8 ga.
Length 10.8" Lbs. 1#



UL 20592
Insulated 22-14 ga.
Length 9.7" Lbs. 1.1#



UL 20593
Insulated 12-10 ga.
Length 12.8" Lbs. 2.02#



20594
Insulated 22-18 & 16-14
Flags Part# 20188 & 20189



20596
Heat Shrink Insulated
20-14 ga.
Length 9." Lbs. 1.2#



20608
Insulated 22-10 ga.
Length 9.5" Lbs. 1.27#



TR-490
Insulated & Noninsulated 22-10 ga.
Nylon, Vinyl, Butted, or Brazed

Hand Crimpers



MADE IN USA
20600
Upfront Stripper
22-10 ga.
Length: 9.25 Lbs: 1.3#



MADE IN USA
20601
Upfront Crimper
22-10 ga.
Length: 8.25" Lbs. .72#



MADE IN USA
20602
Snub Nose Crimper
22-10 ga.
Length: 7.5" Lbs. .66#



20603
Econo Crimper
22-10 ga.
Length: 7.5" Lbs: .66#



20597
Crimper
22-10 ga.
Length: 9" Lbs: .7#

Heat Shrink Torches & Tools



20606
Mini Torch
Refillable lighter
Electronic igniter



20596
Heat Shrink Insulated
Ratchet Controlled Crimper
20-14 ga.
Length 9." Lbs. 1.2#



20590
Butane Torch
Interchangeable Tips
120 min. of operation

HexCrimp Sr. & Jr.™

Sr.

- Hand-held - 26" Overall length
- Crimps all major brands of connectors
- 8 ga - 250 mcm
- Made in USA

Part # - 20701

Jr.

- Designed for medium and heavy duty – crimps 10 thru 1 gauge cable
- Ideal for working under the hood or in tight spots - 19 inch overall length
- Smaller size easier to store in tool box

Application data

2
YEAR LIMITED
WARRANTY
The HexCrimp Sr. & Jr. are
protected by a two year warranty,
the longest in the industry

Comfortable Grips



Adjustable rotating die,
always in tool

**Comes with adjustable,
rotating hex die!**

Part # - 20702

QuickCutter 2™

- Cuts cables up to 250 MCM (6/0 gauge)
- 22" handles for easier cutting
- Blades made of 1075 carbon steel, heat treated, hardened for long life, can be resharpened.
- Made in USA

Part # - 20703



6
MONTH
LIMITED
WARRANTY
on QuickCutter 2

QuickStrip Cable Stripper™



- Strips up to 4/0 gauge
- Includes spare blade
- Only 5-1/2" long

Part # - 20706



Brute Hammer Crimper™

- Inexpensive, simple crimping tool
- Use with hammer or vise
- Crimps 8 thru 4/0 gauge connectors
- Spring loaded pin locks in "up" position for loading connector and cable, when released pin holds connector securely during crimping.

Part # - 20707

Miscellaneous



20604
Wire Stripper
26-10 ga.
Length: 8" Lbs: .66#



20607
Cutter/Stripper
24-12 ga.
Length: 5" Lbs: .16#



20605
Cable Cutter
20 ga. - 4/0 cable
Length: 8" Lbs: .66#



20595
Econo Hammer
6-4/0 ga.
Length: 8" Lbs: 1.2#



20599
The Crimp Master
6-4/0 ga.
Length: 24" Lbs: 5#

Nylon Cable Ties

NYLON CABLE TIES, NYLON
CLAMPS, ADHESIVE MOUNT



BLACK: WEATHER RESISTANT

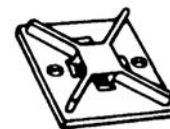
Clear Part#	Black Part#	Length	Width	Tensile Strength
Slimlines - 18 lb Tensile Strength				
20564	20564B	3.9	.100	18
20561	20561B	6.3	.100	18
20565	20565B	7.9	.100	18
Intermediate - 30 lb Tensile Strength				
20562	20562B	5.5	.140	30
20563	20563B	7.9	.140	30
Standard - 50 lb Tensile Strength				
20568	20568B	7.9	.190	50
20566	20566B	11.4	.190	50
20567	20567B	14.2	.190	50
Heavy Duty - 120 - 175 lb Tensile Strength				
20567X	20567XB	14.4	.300	120
20559X	20559XB	24	.300	175
20560X	20560XB	36	.350	175

Nylon Clamps



Part#	Max Bundle	Screw Size
23427	.12	8
23429	.25	8
23434	.50	8

Adhesive Mount



Base can also be mounted with one #6 flathead screw.

Part#	Color	Size
23060	Clear	3/4 x 3/4
23060B	Black	3/4 x 3/4
23061	Clear	1 x 1
23061B	Black	1 x 1

Part #20609

Cable Tie Tool



- Automatically Cuts Excess Cable Ties Flush!
- Adjustable Tension Settings

Boxed Kits

BOXED KITS



480 PC Shrink Butt Kit

Part # 5990-480	12-10 butt	16-14 5/16	12-10 .250 male
Add "HS" for heat shrink terminals	22-18 #10 ring	16-14 3/8 ring	12-10 #10 ring
Add "V" for vinyl terminals	22-18 1/4 rin	16-14 #10 spade	12-10 1/4 ring
Add "M" for metal	22-18 5/16 ring	22-18 .250 female	12-10 5/16 ring
Add "P" for plastic kit	22-18 3/8 ring	22-18 .250 male	
20 pcs. each	22-18 #10 spade	16-14 .250 female	
22-18 butt	16-14 #10 ring	16-14 .250 male	
16-14 butt	16-14 1/4 ring	12-10 .250 female	

140 PC Shrink Butt Kit

Part # 5990-140	
50 pcs. 22-18 butt	
75 pcs. 16-14 butt	
15 pcs. 12-10 butt	

Boxed Kits

BOXED KITS & PACKAGED ITEMS



55 PC Instant Tap Connector Kit

Part # 5990-55

- 10 pcs. ea. - Red 22-18
- 25 pcs. ea. - Blue 18-14
- 10 pcs. ea. - White 18-14
- 10 pcs. ea. - Yellow 12-10



170 PC Butt Connector Kit

Part # 5990-170

- 25 pcs. - 12-10 Vinyl
- 25 pcs. - 12-10 Nylon
- 30 pcs. - 16-14 Vinyl
- 30 pcs. - 16-14 Nylon
- 30 pcs. - 22-18 Vinyl
- 30 pcs. - 22-18 Nylon



120 PC Screw on Connector Kit

Part # 5990-120

- 40 pcs. - Grey 22-16
- 30 pcs. - Blue 22-14
- 20 pcs. - Orange 22-14
- 15 pcs. - Yellow 18-12
- 10 pcs. - Red 18-10
- 5 pcs. - Grey 14-8



175 PC Assortment

Part # 5990-175N = Nylon

Part # 5990-175V = Vinyl

- 4 pcs. ea. - 12-10 Butt Splice
- 11 pcs. ea. - 16-14 Butt Splice
- 11 pcs. ea. - 22-18 Butt Splice
- 4 pcs. ea. - 12-10 Rings #10 & 3/8
- 11 pcs. ea. - 16-14 Rings #6, #8, & #10
- 9 pcs. ea. - 16-14 Ring 1/4
- 11 pcs. ea. - 16-14 Spades #6, #8, & #10
- 11 pcs. ea. - 16-14 .250 QDC Male & Female
- 11 pcs. ea. - 22-18 Ring #10
- 11 pcs. ea. - 22-18 Spades #6 & #10
- 11 pcs. ea. - 22-18 .250 QDC Female



240 PC Terminal Kit with Tool

Part # 5990-240N = Nylon

Part # 5990-240V = Vinyl

1 pc. Economy Crimper

- 20 pcs. ea. - 12-10 Butt Splice
- 20 pcs. ea. - 16-14 Butt Splice
- 20 pcs. ea. - 22-18 Butt Splice
- 10 pcs. ea. - 12-10 Rings #8, #10, 5/16 & 3/8
- 10 pcs. ea. - 12-10 Spades #6 & #10
- 10 pcs. ea. - 16-14 Rings #6 & #10
- 10 pcs. ea. - 16-14 Spades #6 & #10
- 10 pcs. ea. - 16-14 .250 QDC Male & Female
- 10 pcs. ea. - 22-18 Rings #6 & #10
- 10 pcs. ea. - 22-18 Spades #6 & #10
- 10 pcs. ea. - 22-18 .250 QDC Male & Female

CUSTOM KITS



**Boxed Or
Bagged Terminals
Available
Private Labels Also
Available**

MINIMUM QUANTITY RESTRICTIONS



180 PC Solderless Quick Connector Kit

Part # 5990-180

- 10 PCS. EA.
- 12-10 .250 Vinyl Male & Female
- 16-14 .250 Vinyl Male & Female
- 22-18 .250 Vinyl Male & Female
- 16-14 .205 Vinyl Female
- 16-14 .187 Vinyl Female
- 16-14 .110 Vinyl Female
- 22-18 .205 Vinyl Female
- 22-18 .187 Vinyl Female
- 22-18 .110 Vinyl Female
- 16-14 .250 Nylon Fully Insulated Flag
- 22-18 .250 Nylon Fully Insulated Flag
- 22-18 & 16-14 .250 Nylon Fully Insulated Male & Female



65 PC Heat Shrink Terminal Kit

Part # 5990-65

- 5 pcs. ea. - 12-10 Butt Splice
- 10 pcs. ea. - 16-14 Butt Splice
- 10 pcs. ea. - 22-18 Butt Splice
- 5 pcs. ea. - 12-10 Spade #10
- 5 pcs. ea. - 12-10 Ring #10
- 5 pcs. ea. - 16-14 Ring #10
- 5 pcs. ea. - 16-14 Spade #10
- 5 pcs. ea. - 16-14 .250 QDC Male & Female
- 5 pcs. ea. - 22-18 Ring #10
- 5 pcs. ea. - 22-18 Spade #10



38 PC Heat Shrink Tubing Kit

Part # 5990-38

- 6" stick adhesive lined semi-rigid polyolefin tubing
- 10 pcs. - Red 3/16"
- 10 pcs. - Blue 1/4"
- 5 pcs. - Yellow 5/16"
- 5 pcs. - Black 3/8"
- 5 pcs. - Black 1/2"
- 3 pcs. - Black 3/4"

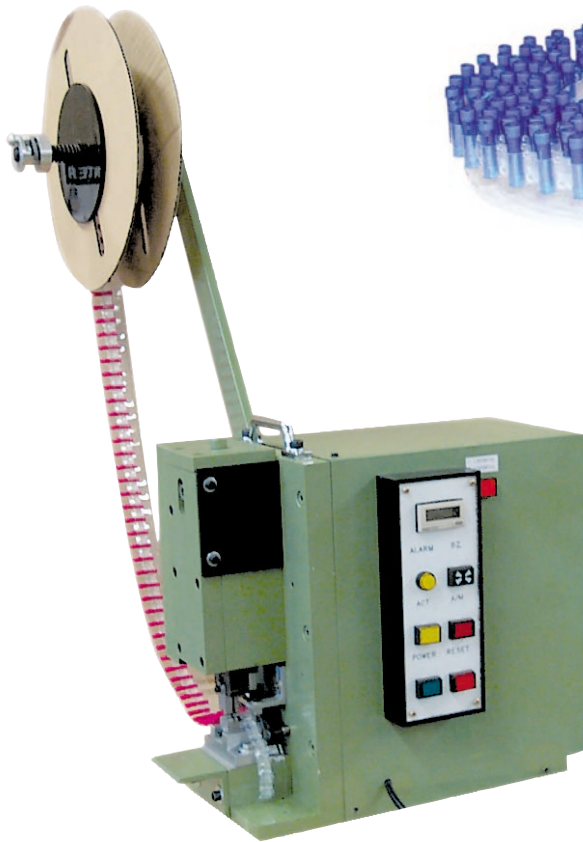


68 PC Heat Shrink Tubing Kit

Part # 5990-68

- Adhesive line semi-rigid polyolefin tubing various lengths
- 20 pcs. - Red 3/16" x 1.5"
- 20 pcs. - Blue 1/4" x 1.5"
- 10 pcs. - Yellow 5/16" x 1.625"
- 10 pcs. - Red 3/8" x 1.875"
- 5 pcs. - Black 3/8" x 2"
- 3 pcs. - Black 1/2" x 3"

Mylar Tape Products



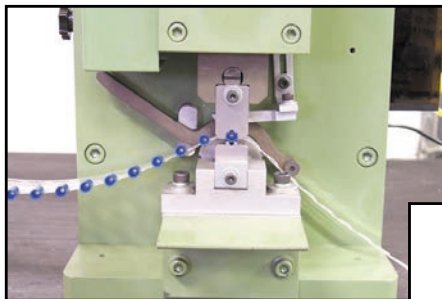
MTCM-101



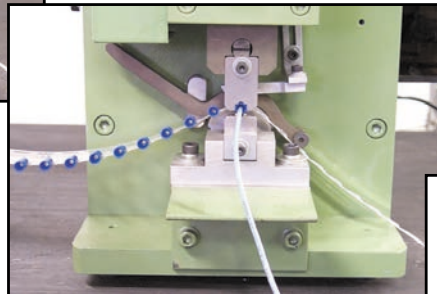
Our mylar tape fed products are universally spaced and can be applied with the MTCM-101 and other standard electric applicators.

The MTCM-101 is heavy duty, durable and simple to operate. Powered by 85-100 p.s.i. air pressure and 110 vac. Fully automatic and foot actuated.

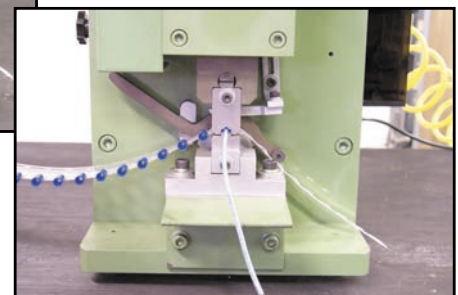
The machine comes with three sets of dies. One set for each size, 22-18, 16-14 and 12-10 gauge. Each die crimps bare, vinyl or nylon insulated.



Step 1 - Insert stripped wire into the terminal.



Step 2 - Activate the foot switch and terminal is crimped. The machine will automatically index to the next terminal.



**Easy
To
Operate!**

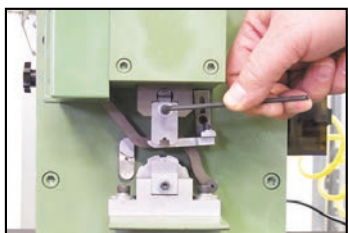
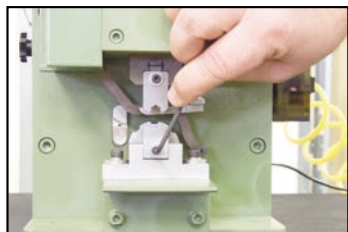
Mylar Tape Products

Loading The Terminals



Unlock the release bar and push upward. Load the mylar tape terminal onto the sprocket. Be sure to line up the holes in the tape with spokes on the sprocket. Push release bar back down and lock.

Changing The Die



Each die consists of a top and a bottom. Both are easily changed by removing one hex style screw, putting on the new die and tightening the screw.

Changing The Tape Reel



The tape reel is easily removed by removing the spring loaded reel stop. No additional tools are needed.

MTCM-101 INSTALLATION TOOLING CHART

DIES

	Die #1	Die #2	Die #3
Wire Range	22-18	16-14	12-10

BUTTS

Vinyl	20080	20170	20310
Heat Shrink	20082	20172	20312

RINGS

6	50020	50086	50210
8	50030	50090	50220
10	50040	50100	50230
1/4	50041	50101	50240
5/16	50042	50102	50250
3/8	50043	50103	50260

SPADES

6	50050	50140	50270
8	50060	50150	50280
10	50070	50160	50290

SNAP SPADES

6	50051	50141	50271
8	50061	50151	50281
10	50071	50161	50291

BLOCK SPADES

6	50052	50142	50272
8	50062	50152	50282
10	50072	50162	50292

FEMALE QDC

.187 FEM	20192	20195	----
.250 FEM	20176	20180	20187

FULLY INSULATED QDC

.250 FEM	20207	20209	20213
.250 MALE	20206	20208	20212

Some parts can be ordered non-insulated or nylon. Non-insulated change first number to a "1". Example: 10020. Nylon insulated add a suffix of "N". Example: 50020N

SPECIFICATIONS

Weight: 70 pounds

Air: 1/4" NPT inlet

Stroke Rate: 1000 SPH

Foot Peddle: Momentary switch, 5 ft cord

Dimensions: 12" wide, 20" deep, 17" high

Electrical: 110V - 5 ft grounded standard plug

Reel Size: 14" outside diameter reels with 3/4" core

ADDITIONAL INFORMATION

Built in counter

Operates with PLC programmable controller

Buzzer to alert operator of machine malfunction

Index feature for single or double spaced terminals

28,000 SQ. FT. MANUFACTURING PLANT

- **U.L. LISTED**
- **AMERICAN MADE**
- **COMPETITIVE PRICING**
- **IMMEDIATE SHIPPING**
- **FULL LINE OF PRODUCTS**

TO ORDER CALL:

Phone: 1-800-447-3150

Fax: 1-517-849-9516

e-mail: sales@hillsdaleterminal.com

HOURS:

Monday - Friday

8:00 a.m. - 4:30 p.m.

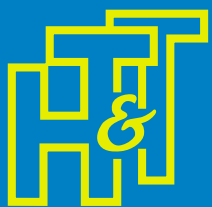
Please have part numbers and quantities ready before you call.

TERMS:

\$25.00 minimum on all orders.

Mastercard, VISA and American Express are accepted.

HILLSDALE TERMINAL & TOOL INC.



PO Box 100, 2222 Moore Rd.

Jonesville, MI 49250

www.hillsdaleterminal.com

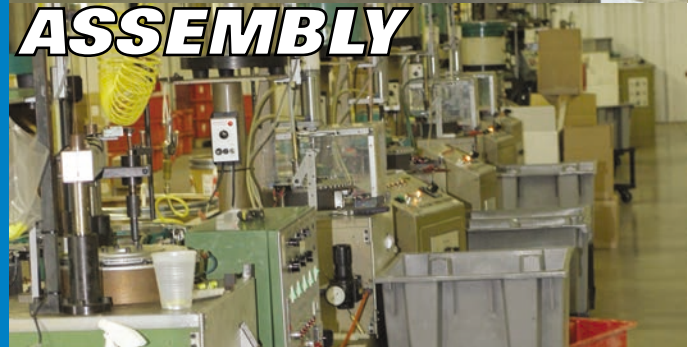
1-800-447-3150

FAX 517-849-9516

STAMPING



ASSEMBLY



INJECTION MOLDING



WAREHOUSE



TOOLING

