

Hillsdale Terminal Data Sheets

Ring Type	A.W.G.
<u>Uninsulated</u>	
Brazed	
<u>High Temp</u>	
<u>Vinyl</u>	22-18
<u>Nylon</u>	
<u>3-Piece</u>	
Heat Shrink	
<u>Uninsulated</u>	
Brazed	
<u>High Temp</u>	
<u>Vinyl</u>	16-14
<u>Nylon</u>	
<u>3-Piece</u>	
Heat Shrink	
<u>Uninsulated</u>	
Brazed	
<u>High Temp</u>	
<u>Vinyl</u>	12-10
<u>Nylon</u>	
<u>3-Piece</u>	
<u>Heat Shrink</u>	
Uninsulated	
<u>High Temp</u>	
<u>Vinyl</u>	8+
<u>Nylon</u>	
<u>Heat Shrink</u>	

Spade Type	A.W.G.	
<u>Uninsulated</u>		
Brazed		
<u>High Temp</u>		
<u>Vinyl</u>	22-18	
<u>Nylon</u>		
<u>3-Piece</u>		
Heat Shrink		
<u>Uninsulated</u>		
Brazed		
<u>High Temp</u>		
<u>Vinyl</u>	16-14	
<u>Nylon</u>		
<u>3-Piece</u>		
Heat Shrink		
<u>Uninsulated</u>		
Brazed		
<u>High Temp</u>		
<u>Vinyl</u>	12-10	
<u>Nylon</u>		
<u>3-Piece</u>		
Heat Shrink		
Uninsulated	8+	

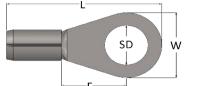
Butt Type
Uninsulated
Vinyl Extruded
Nylon Extruded
Nylon Molded
Economy
Heat Shrink

Select green "Home" button on datasheet to return to this page



Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

22-18 A.W.G. Uninsulated Rings



•110 Copper Alloy .028 thickness, Electro-Tin Plated .0001"-.0003"

• Terminal I.D. - .078

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage
<u>10014</u>	4	.250	.590	.225	.122/.125	.223	600
<u>10020*</u>	6	.250	.660	.290	.139/.142	.260	600
<u>10020E</u>	6	.190	.586	.290	.138/.142	.250	600
<u>10021</u>	6 Slim	.250	.590	.225	.139/.142	.223	600
<u>10021E</u>	6 Slim	.190	.523	.225	.138/.142	.223	600
<u>10030*</u>	8	.250	.660	.324	.168/.171	.250	600
<u>10038</u>	8 Slim	.250	.660	.290	.168/.171	.260	600
<u>10038E</u>	8 Slim	.190	.586	.290	.168/.171	.250	600
10040*	10	.250	.660	.324	.194/.197	.250	600
<u>10040E</u>	10	.190	.586	.290	.194/.197	.253	600
10041*	1/4	.250	.890	.470	.260/.265	.405	600
10044*	1/4 Slim	.250	.810	.430	.263/.265	.345	600
<u>10042*</u>	5/16	.250	.890	.470	.324/.327	.405	600
<u>10042E</u>	5/16	.190	.828	.470	.324/.327	.405	600
<u>10043*</u>	3/8	.250	.990	.558	.394/.398	.469	600
10040M*	6-8-10	.250	.812	.340	NA	.345	600
All dimens	ions are in I	nches	* =UL an	d CSA li	sted	~ =CSA	listed
Require	d per UL/	CSA Requirer	<u>nents:</u>				
5° C Max.	Temperatu	re Rating		Crimp	tool HT #20591-NH1		
One crimp	required			Strip Le	ength 1/4" (6.4mm)	-	
olid or Sti	randed wire			N 41:00 14	line Dullout Ferres	22AWC	i 8lbs.
Agency and Compliance: Min. Wire Pullout Force			rife Pullout Force	20AWG	i 13lbs.		
UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376				V.E68376	18AWG	i 20lbs.	
SA 22.2	No. 65-03,	Certification NC	. 207131	L		•	•

WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or property damage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or engineer must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.

All statements, procedural information, and recommendations related to Hillsdale Terminal's products are based on data believed to be reliable, but the precision or completeness is not definite. Before using this product, you must evaluate it and determine if it is suitable for your intented appplication. You accept all risks and liability associated with such use. Any statements related to the product which ar enot in Hillsdale Terminal's current publications shall have no force or effect unless expressly agreed upon, in writing, by a sanctioned memeber of Hillsdale Terminal

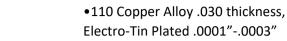


Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

SD

W

16-14 A.W.G. Uninsulated Rings



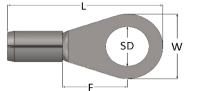
• Terminal I.D. - .093

Part # Stud Size Barrel Length Length W Stud Diameter(SD) F Voltage 10084 4 .250 .570 .264 .122/.125 .195 600 10086* 6 .250 .650 .295 .138/.142 .260 600 10085 6 .188 .588 .295 .139/.142 .195 600 10090* 8 .250 .570 .246 .139/.142 .195 600 10098 8 Slim .250 .650 .295 .168/.172 .260 600 10109* 10 .250 .710 .324 .194/.197 .295 600 10101* 1/4 .250 .890 .470 .263/.265 .345 600 10102* 1/4 .145 .188 .827 .470 .324/.327 .405 600 10102* 5/16 .188 .827 .470 .324/.327 .405 600 <t< th=""><th>_</th><th></th><th></th><th>F</th><th></th><th></th><th></th><th></th><th></th><th>_</th></t<>	_			F						_
$\frac{10086^{*}}{10086E} = 6 \\ 1.250 \\ 10086E \\ 10086E \\ 10086E \\ 10085E \\ 10086E \\ 10085E \\ 10090^{*} \\ 8 \\ 250 \\ 10090^{*} \\ 8 \\ 250 \\ 10098 \\ 10098 \\ 8 \\ 51m \\ 250 \\ 10098 \\ 10008 \\ 10008 \\ 10008 \\ 10008 \\ 10008 \\ 10008 \\ 10008 \\ 10100 \\ 10 \\ 1$		Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		10084	4	.250	.570	.264	.122/.125	.195	600	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		10086*	6	.250	.650	.295	.138/.142	.260	600	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		10086E	6	.188	.588	.295	.139/.142	.260	600	
$\frac{10098}{10098E} \frac{8 \text{ Slim}}{10098E} \frac{1.250}{10098E} \frac{1.650}{10098E} \frac{1.295}{10098E} \frac{1.68}{1.72} \frac{1.260}{10078E} \frac{1.60}{10078E} \frac{1.250}{10078E} 1$		10085	6 Slim	.250	.570	.246	.139/.142	.195	600	
$\frac{10098E}{1000} = 8 \text{ Slim} + 1.88 + 1.88 + 1.588 + 1.295 + 1.68/1.172 + 1.260 + 600 + 10100^{*} + 10 + 1.250 + 1.2$		10090* 8 .250 .710 .324 .168/.171 .295 600								
$\frac{10100^{*} \ 10}{1000E} \ 10$ $\frac{10}{1000E} \ 10$ $\frac{10}{1000E} \ 10$ $\frac{10}{1000E} \ 10$ $\frac{10}{1000E} \ 10$ $\frac{10}{114E} \ 1/4$ $\frac{1}{14E} \ 1/4 \ 1/4 \ 1/4 \ 1/4 \ 1/2 \ 1/5 \ 1/4 \ 1/2 \ 1/5 \ 1/4 $		10098 8 Slim .250 .650 .295 .168/.172 .260 600								
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		10098E	8 Slim	.188	.588	.295	.168/.172	.260	600	
$\frac{10101* 1/4 .250 .890 .470 .263/.265 .405 600}{10114* 1/4 Slim .250 .810 .430 .263/.265 .345 600}{10114* 1/4 Slim .188 .750 .430 .263/.265 .345 600}{10102* 5/16 .250 .890 .470 .324/.327 .405 600}{10102* 5/16 .188 .827 .470 .324/.327 .405 600}{10102* 5/16 .188 .827 .470 .324/.327 .405 600}{10103* 3/8 .250 .990 .558 .394/.398 .569 600}{10104* 1/2 .250 1.210 .430 .525/.530 .615 600}{10100M* 6-8-10 .250 .810 .340 NA .345 500}{10100M* 6-8-10 .250 .340 NA .345 500}{10100M* 6-8-10 .250 .340 NA .345 500}{10100M* 6-8-10 .250 .340 NA .345 500}{1000M* 6-8-10 .250 .340 NA .345 500}{10100M* 6-8-10 .207131}{1000M* 6-8-10 .207131}{1000M* 6-0.500 .4100 Minute 100 determine that the correct wire and terminal size is used and that it is properly and safely installed for all application. You accept all risks and liability associated with such use. Any statements related to the product which are not in HillS Terminal's products are based on data believed to be ut the precis$		10100*	10	.250	.710	.324	.194/.197	.295	600	
$\frac{10114^{*}}{1/4} \frac{1/4}{1} \frac{1}{1} $		10100E	10	.188	.644	.324	.194/.197	.295	600	
$\frac{10114E}{1/4 \text{ Slim}} \frac{1}{188} \frac{750}{750} \frac{430}{.263/.265} \frac{.345}{.345} \frac{600}{.000}$ $\frac{10102*}{5/16} \frac{5}{16} \frac{.250}{.890} \frac{.470}{.324/.327} \frac{.405}{.405} \frac{600}{.000}$ $\frac{10102E}{5/16} \frac{.188}{.827} \frac{.470}{.324/.327} \frac{.405}{.405} \frac{600}{.000}$ $\frac{10103*}{3/8} \frac{.250}{.990} \frac{.558}{.394/.398} \frac{.569}{.569} \frac{600}{.000}$ $\frac{10104*}{1/2} \frac{.250}{.250} \frac{1.210}{.430} \frac{.430}{.525/.530} \frac{.615}{.615} \frac{600}{.000}$ $\frac{10100M*}{.68-10} \frac{.250}{.250} \frac{.810}{.340} \text{ NA} \frac{.345}{.345} \frac{600}{.000}$ All dimensions are in Inches *=UL and CSA listed ~= CSA listed Required per UL/CSA Requirements: 75° C Max. Temperature Rating Crimp tool HT #20591-NH1 Solid or Stranded wire Strip Length 1/4" (6.4mm) Solid or Stranded wire Min. Wire Pullout Force 16AWG 30lbs. Agency and Compliance: UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131 WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or pr famage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or er must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all application. I statements, procedural information, and recommendations related to Hillsdale Terminal's products are based on data believed to be ut the precision or completeness is not definite. Before using this product, you must evaluate it and determine if it is suitable for your i application. You accept all risks and liability associated with such use. Any statements related to the product which ar end tin Hills Terminal's current publications shall have no force or effect unless expressly agreed upon, in writing, by a sanctioned member of Hill		10101*	1/4	.250	.890	.470	.263/.265	.405	600	
$\frac{10102^{*} 5/16}{10102E} \frac{5}{16} \frac{1250}{188} \frac{1827}{16} \frac{170}{1324} \frac{327}{327} \frac{1405}{1005} \frac{600}{1000}$ $\frac{10102E}{10103^{*} 3/8} \frac{1250}{120} \frac{1990}{1558} \frac{1324}{327} \frac{1405}{1405} \frac{600}{1000}$ $\frac{10103^{*} 3/8}{1250} \frac{1250}{120} \frac{1990}{1558} \frac{1394}{398} \frac{1569}{150} \frac{600}{1000}$ $\frac{10104^{*} 1/2}{12} \frac{1250}{120} \frac{1210}{430} \frac{1324}{1327} \frac{1405}{1430} \frac{600}{1255}$ $\frac{10100M^{*}}{6-8-10} \frac{1250}{250} \frac{1810}{340} \frac{1340}{140} \frac{1430}{1435} \frac{1525}{500} \frac{1615}{600}$ $\frac{10100M^{*}}{6-8-10} \frac{1250}{250} \frac{1810}{340} \frac{1340}{140} \frac{143}{145} \frac{1430}{140} \frac{143}{145} \frac{1430}{140}$ $\frac{164WG}{140} \frac{164WG}{140} \frac{164WG}{14$		10114*	1/4 Slim	.250	.810	.430	.263/.265	.345	600	
10102E 5/16 .188 .827 .470 .324/.327 .405 600 10103* 3/8 .250 .990 .558 .394/.398 .569 600 10104* 1/2 .250 1.210 .430 .525/.530 .615 600 10100M* 6-8-10 .250 .810 .340 NA .345 600 All dimensions are in Inches * =UL and CSA listed ~ =CSA listed Required per UL/CSA Requirements: 75° C Max. Temperature Rating Crimp tool HT #20591-NH1 One crimp required Strip Length 1/4" (6.4mm) Solid or Stranded wire Min. Wire Pullout Force 16AWG 30lbs. Agency and Compliance: UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131 WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or prilamage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or end Istatements, procedural information, and recommendations related to Hillsdale Terminal's products are based on data believed to be at the precision or completeness is not definite. Before using this product, you must evaluate it and determine if it is suitable for your i application. You ac		10114E	1/4 Slim	.188	.750	.430	.263/.265	.345	600	
10103^* $3/8$ $.250$ $.990$ $.558$ $.394/.398$ $.569$ 600 10104^* $1/2$ $.250$ 1.210 $.430$ $.525/.530$ $.615$ 600 $10100M^*$ $6-8-10$ $.250$ $.810$ $.340$ NA $.345$ 600 All dimensions are in Inches $* =$ UL and CSA listed $\sim =$ CSA listed Required per UL/CSA Requirements: 75° C Max. Temperature RatingCrimp tool HT #20591-NH1One crimp requiredStrip Length $1/4"$ ($6.4mm$)Solid or Stranded wire $Min.$ Wire Pullout Force $16AWG$ Agency and Compliance: Min. Wire Pullout Force $14AWG$ UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376CSA 22.2 No. 65-03, Certification NO. 207131WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or pramage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or enmust be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applicatiostatements, procedural information, and recommendations related to Hillsdale Terminal's products are based on data believed to bethe precision or completeness is not definite. Before using this product, you must evaluate it and determine if it is suitable for your iapplication. You accept all risks and liability associated with such use. Any statements related to the product which ar enot in Hillsc<		10102*	5/16	.250	.890	.470	.324/.327	.405	600	
10104* 1/2 .250 1.210 .430 .525/.530 .615 600 10100M* 6-8-10 .250 .810 .340 NA .345 600 All dimensions are in Inches * =UL and CSA listed ~ =CSA listed Required per UL/CSA Requirements: 75° C Max. Temperature Rating Crimp tool HT #20591-NH1 One crimp required Strip Length 1/4" (6.4mm) Solid or Stranded wire Min. Wire Pullout Force 16AWG 30lbs. Min. Wire Pullout Force 16AWG 30lbs. 14AWG 50lbs. UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131 WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or proper lamage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or er must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all application I statements, procedural information, and recommendations related to Hillsdale Terminal's products are based on data believed to be ut the precision or completeness is not definite. Before using this product, you must evaluate it and determine if it is suitable for your i appplication. You accept all risks and liability asso		10102E	5/16	.188	.827	.470	.324/.327	.405	600	
10100M* 6-8-10 .250 .810 .340 NA .345 600 All dimensions are in Inches * =UL and CSA listed ~ =CSA listed Required per UL/CSA Requirements: 75° C Max. Temperature Rating Crimp tool HT #20591-NH1 One crimp required Strip Length 1/4" (6.4mm) Solid or Stranded wire 16AWG 30lbs. Agency and Compliance: ItaWG 50lbs. UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131		10103*	3/8	.250	.990	.558	.394/.398	.569	600	
All dimensions are in Inches * =UL and CSA listed ~ =CSA listed Required per UL/CSA Requirements: 75° C Max. Temperature Rating Crimp tool HT #20591-NH1 One crimp required Strip Length 1/4" (6.4mm) Solid or Stranded wire I6AWG 30lbs. Agency and Compliance: I6AWG 50lbs. UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131 VARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or pramage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or en must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all application statements, procedural information, and recommendations related to Hillsdale Terminal's products are based on data believed to be in the precision or completeness is not definite. Before using this product, you must evaluate it and determine if it is suitable for your i application. You accept all risks and liability associated with such use. Any statements related to the product which ar enot in Hillsdate Terminal's current publications shall have no force or effect unless expressly agreed upon, in writing, by a sanctioned member of Hill		10104*	1/2	.250	1.210	.430	.525/.530	.615	600	
Required per UL/CSA Requirements: 75° C Max. Temperature Rating One crimp required Solid or Stranded wire Agency and Compliance: UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131		10100M*	6-8-10	.250	.810	.340	NA	.345	600	
75° C Max. Temperature Rating One crimp required Crimp tool HT #20591-NH1 Strip Length 1/4" (6.4mm) Solid or Stranded wire Image: Agency and Compliance: UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131 VARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or pramage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or elements, procedural information, and recommendations related to Hillsdale Terminal's products are based on data believed to be t the precision or completeness is not definite. Before using this product, you must evaluate it and determine if it is suitable for your i appplication. You accept all risks and liability associated with such use. Any statements related to the product which ar enot in Hillsdale Terminal's current publications shall have no force or effect unless expressly agreed upon, in writing, by a sanctioned member of Hillsdale Terminal's product, you as actioned member of Hillsdale Terminal's product to the product which ar enot in Hillsdale Terminal's current publications shall have no force or effect unless expressly agreed upon, in writing, by a sanctioned member of Hillsdale Terminal's product which ar enot in Hillsdale Terminal's current publications shall have no force or effect unless expressly agreed upon, in writing, by a sanctioned member of Hill		All dimensi	ions are in l	nches	* =UL and	d CSA li	sted	~ =CSA	listed	
75° C Max. Temperature Rating One crimp required Crimp tool HT #20591-NH1 Strip Length 1/4" (6.4mm) Solid or Stranded wire If AWG 30lbs. 14AWG 50lbs. Agency and Compliance: Min. Wire Pullout Force UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131 VARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or pr amage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or en must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all application statements, procedural information, and recommendations related to Hillsdale Terminal's products are based on data believed to be at the precision or completeness is not definite. Before using this product, you must evaluate it and determine if it is suitable for your i appplication. You accept all risks and liability associated with such use. Any statements related to the product which ar enot in Hillsd Terminal's current publications shall have no force or effect unless expressly agreed upon, in writing, by a sanctioned member of Hill		Require	d per UL/	CSA Requirer	nents:					
One crimp required Solid or Stranded wire Strip Length 1/4" (6.4mm) Agency and Compliance: Min. Wire Pullout Force 16AWG 30lbs. UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131 Strip Length 1/4" (6.4mm) VARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or pramage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or en must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all application statements, procedural information, and recommendations related to Hillsdale Terminal's products are based on data believed to be it the precision or completeness is not definite. Before using this product, you must evaluate it and determine if it is suitable for your i appplication. You accept all risks and liability associated with such use. Any statements related to the product which ar enot in Hillsdate Terminal's current publications shall have no force or effect unless expressly agreed upon, in writing, by a sanctioned member of Hill			-			Crimp	tool HT #20591-NH1			
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Agency and Compliance: 14AWG 50lbs. UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131 VARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or pramage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or en must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all application statements, procedural information, and recommendations related to Hillsdale Terminal's products are based on data believed to be t the precision or completeness is not definite. Before using this product, you must evaluate it and determine if it is suitable for your i appplication. You accept all risks and liability associated with such use. Any statements related to the product which ar enot in Hillsof Terminal's current publications shall have no force or effect unless expressly agreed upon, in writing, by a sanctioned member of Hill			•					16AW0	6 30lbs.	1
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CSA 22.2 No. 65-03, Certification NO. 207131 VARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or pramage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or en must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all application statements, procedural information, and recommendations related to Hillsdale Terminal's products are based on data believed to be t the precision or completeness is not definite. Before using this product, you must evaluate it and determine if it is suitable for your i appplication. You accept all risks and liability associated with such use. Any statements related to the product which ar enot in Hillsd Terminal's current publications shall have no force or effect unless expressly agreed upon, in writing, by a sanctioned memeber of Hill							V F68376			1
VARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or pramage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or en must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all application statements, procedural information, and recommendations related to Hillsdale Terminal's products are based on data believed to be it the precision or completeness is not definite. Before using this product, you must evaluate it and determine if it is suitable for your i appplication. You accept all risks and liability associated with such use. Any statements related to the product which ar enot in Hillsdale Terminal's current publications shall have no force or effect unless expressly agreed upon, in writing, by a sanctioned memeber of Hill			-				v.L00370			
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Terms and Conditions at www.hillsdaleterminal.com				Terms and Condi	tions at w	ww.hill	sdaleterminal.com			HOM



Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

12-10 A.W.G. Uninsulated Rings



•110 Copper Alloy .038 thickness,

Electro-Tin Plated .00025"-.0004"

• Terminal I.D. - .141/.144

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage
10210*	6	.250	.720	.342	.143/.147	.297	600
10215	6 Slim	.250	.720	.290	.143/.147	.297	600
10220*	8	.250	.720	.342	.168/.171	.297	600
10225	8 Slim	.250	.720	.290	.168/.171	.297	600
10230*	10	.250	.720	.342	.194/.197	.297	600
10240*	1/4	.250	.990	.558	.257/.261	.469	600
10245*	1/4 Slim	.250	.940	.434	.257/.261	.469	600
10250*	5/16	.250	.990	.558	.327/.323	.469	600
10260*	3/8	.250	.990	.558	.400/.394	.469	600
10233*	1/2	.250	1.210	.690	.525/.530	.615	600
10235	1/2 Wide	.250	1.250	.760	.518/.522	.620	600
10230M*	6-8-10	.250	.890	.390	NA	.350	600
All dimens	I dimensions are in Inches * =UL and CSA listed			sted	~ =CSA	listed	
Dequired per LU /CCA Dequirements:							

Required per UL/CSA Requirements:

75° C Max. Temperature Rating One crimp required Solid or Stranded wire

Agency and Compliance:

Crimp tool HT #20591-NH1

Strip Length 1/4" (6.4mm)

Min. Wire Pullout Force

12AWG	70lbs.
10AWG	80lbs.

UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376

CSA 22.2 No. 65-03, Certification NO. 207131

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8-2 A.W.G Uninsulated Rings

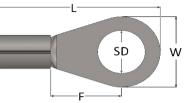
Material Thickness:

8 AWG: .042

6 AWG: .050

4 AWG: .070

2 AWG: .070



•Alloy 110 Copper with brazed seam. Electro-Tin Plated .00025-.0004 thick

2AWG

180lbs.

8 10608* #8 .330 .875 .375 .173/.175 .358 10609* #8-10 Sim .330 .875 .375 .197/.200 .358 10610* #8-10 .330 .93 .472 .197/.200 .358 10611* #12-1/4 .330 .93 .472 .262/.265 .358 10612* 5/16 .330 1.16 .590 .340/.343 .535 10613* 3/8 .330 1.16 .590 .389/.391 .535 10614* 1/2 .330 1.32 .780 .515/.520 .620 6 10615* #8-10 .375 1.14 .470 .197/.200 .530 10616* #12-1/4 .375 1.00 .470 .197/.200 .390 10616* #12-1/4 .375 1.00 .470 .262/.265 .530 10616* #12-1/4 .375 1.22 .620 .325/.328 .530	600 600 600 600 600 600 600 600 600 600
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10611* #12-1/4 .330 .93 .472 .262/.265 .358 10612* 5/16 .330 1.16 .590 .340/.343 .535 10613* 3/8 .330 1.16 .590 .389/.391 .535 10614* 1/2 .330 1.32 .780 .515/.520 .620 6 10615* #8-10 .375 1.14 .470 .197/.200 .530 10615* #8-10 .375 1.00 .470 .197/.200 .530 10616* #12-1/4 .375 1.00 .470 .197/.200 .390 10616* #12-1/4 .375 1.00 .470 .262/.265 .530 10616* #12-1/4 .375 1.00 .470 .262/.265 .390 10617* 5/16 .375 1.22 .620 .325/.328 .530 10618* 3/8 .375 1.22 .620 .397/.400 .530 10619	600 600 600 600 600 600 600 600 600
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10613* 3/8 .330 1.16 .590 .389/.391 .535 10614* 1/2 .330 1.32 .780 .515/.520 .620 6 10615* #8-10 .375 1.14 .470 .197/.200 .530 10615E* #8-10 .375 1.00 .470 .197/.200 .390 10615E* #8-10 .375 1.00 .470 .197/.200 .390 10616* #12-1/4 .375 1.00 .470 .262/.265 .530 10616E* #12-1/4 .375 1.00 .470 .262/.265 .390 10616E* #12-1/4 .375 1.00 .470 .262/.265 .390 10617* 5/16 .375 1.22 .620 .325/.328 .530 10618* 3/8 .375 1.22 .620 .397/.400 .530 10619 1/2 .375 1.60 .860 .518/.522 .750 4	600 600 600 600 600 600 600
10614* 1/2 .330 1.32 .780 .515/.520 .620 6 10615* #8-10 .375 1.14 .470 .197/.200 .530 10615E* #8-10 .375 1.00 .470 .197/.200 .390 10615E* #8-10 .375 1.00 .470 .197/.200 .390 10616* #12-1/4 .375 1.14 .470 .262/.265 .530 10616E* #12-1/4 .375 1.00 .470 .262/.265 .390 10617* 5/16 .375 1.22 .620 .325/.328 .530 10617* 5/16 .375 1.22 .620 .325/.328 .530 10618* 3/8 .375 1.22 .620 .397/.400 .530 10619 1/2 .375 1.60 .860 .518/.522 .750 4 10898 #10 .467 1.25 .468 .197/.200 .546 <th< td=""><td>600 600 600 600 600 600</td></th<>	600 600 600 600 600 600
610615*#8-10.3751.14.470.197/.200.53010615E*#8-10.3751.00.470.197/.200.39010616*#12-1/4.3751.14.470.262/.265.53010616E*#12-1/4.3751.00.470.262/.265.39010617*5/16.3751.22.620.325/.328.53010618*3/8.3751.22.620.397/.400.530106191/2.3751.60.860.518/.522.750410898#10.4671.25.468.197/.200.54610620*1/4.4701.35.656.262/.265.54610621*5/16.4701.35.656.325/.328.54610622*3/8.4701.35.656.397/.400.546	600 600 600 600 600
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10899 1/4 .467 1.25 .468 .262/.265 .546 10621* 5/16 .470 1.35 .656 .325/.328 .546 10622* 3/8 .470 1.35 .656 .397/.400 .546	600
10621* 5/16 .470 1.35 .656 .325/.328 .546 10622* 3/8 .470 1.35 .656 .397/.400 .546	600
10622* 3/8 .470 1.35 .656 .397/.400 .546	600
	600
10623* 1/2 .470 1.60 .860 .518/.522 .750	600
	600
2 10628 1/4 .50 1.55 .625 .262/.265 .710	600
10629 5/16 .50 1.55 .625 .325/.328 .710	600
10630 3/8 .50 1.55 .625 .397/.400 .710	600
10631 1/2 .50 1.60 .860 .518/.522 .710	600
All dimensions are in inches * =UL and CSA listed ~ =CSA	A listed
Required per UL/CSA Requirements:	
75° C Max. Temperature Rating Crimp tool HT #20701 Hex Crimp Jr.	
One crimp required Strip Length 15/32"	
Solid or Stranded wire 8AWG	i 90lbs.
Agency and Compliance: Min. Wire Pullout Force 6AWG	i 100lbs.
UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 4AWG	1 100105.

CSA 22.2 No. 65-03, Certification NO. 207131

WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or property damage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or engineer

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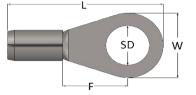
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HOME



Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

22-18 A.W.G. High Temp Rings



- •1008 Alloy steel .028 thickness
- •Nickel Plated for 900° rating
- Terminal I.D. .078

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage
10020HT	6	.250	.660	.290	.139/.142	.260	600
10030HT	8	.250	.660	.324	.168/.171	.250	600
10038HT	8 Slim	.250	.660	.290	.168/.171	.260	600
10040HT	10	.250	.660	.324	.194/.197	.250	600
10041HT	1/4	.250	.890	.470	.260/.265	.405	600
10042HT	1/3	.250	.890	.470	.324/.327	.405	600
10043HT	3/8	.250	.990	.558	.394/.398	.469	600

All dimensions are in Inches

Instructions

482° C Max. Temperature Rating One crimp required Solid or Stranded wire Crimp tool HT #20591-NH1 Strip Length 1/4″ (6.4mm)

Min. Wire Pullout Force	22AWG	8lbs.
	20AWG	13lbs.
	18AWG	20lbs.

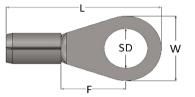
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Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

16-14 A.W.G. High Temp Rings



- •1008 Alloy steel .030 thickness
- Nickel Plated for 900°F rating
- Terminal I.D. .093

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage
10086HT	6	.250	.650	.295	.138/.142	.260	600
10090HT	8	.250	.710	.324	.168/.171	.295	600
10100HT	10	.250	.710	.324	.194/.197	.295	600
10101HT	1/4	.250	.890	.470	.263/.265	.405	600
10114HT	1/4 Slim	.250	.810	.430	.263/.265	.345	600
10102HT	5/16	.250	.890	.470	.324/.327	.405	600
10103HT	3/8	.250	.990	.558	.394/.398	.569	600

All dimensions are in Inches

Instructions

482° C Max. Temperature Rating One crimp required Solid or Stranded wire Crimp tool HT #20591-NH1 Strip Length 1/4″ (6.4mm)

Min. Wire Pullout Force	16AWG	30lbs.
Will. Whe Fullout Force	14AWG	50lbs.

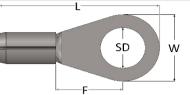
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Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

12-10 A.W.G. High Temp Rings



- •1008 Alloy steel .038 thickness
- Nickel Plated for 900°F rating
- Terminal I.D. .141/.144

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage
10210HT	6	.250	.720	.342	.143/.147	.297	600
10220HT	8	.250	.720	.342	.168/.171	.297	600
10230HT	10	.250	.720	.342	.194/.197	.297	600
10240HT	1/4	.250	.990	.558	.257/.261	.469	600
10245HT	1/4 Slim	.250	.940	.434	.257/.261	.469	600
10250HT	5/16	.250	.990	.558	.327/.323	.469	600
10260HT	3/8	.250	.990	.558	.400/.394	.469	600

All dimensions are in Inches

Instructions:

482° C Max. Temperature Rating One crimp required Solid or Stranded wire Crimp tool HT #20591-NH1 Strip Length 1/4" (6.4mm)

1in. Wire Pullout Force	12AWG	70lbs.
IIII. WITE PUIIOUL FOICE	10AWG	80lbs.

WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or property damage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or engineer must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.

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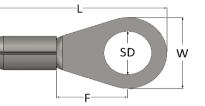
Phone: 1-800-447-3150

Email: sales@hillsdaleterminal.com

8-2 A.W.G High Temp Rings

Material Thickness 8 AWG: .042 6 AWG: .050 4 AWG: .070

2 AWG: .070



•HT suffix is 1008 alloy steel w/o brazed seam. Nickel plated for 900°F

A.W.G	Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage
8	10610HT	#8-10	.330	.93	.472	.197/.200	.358	600
	10611HT	#12-1/4	.330	.93	.472	.262/.265	.358	600
	10612HT	5/16	.330	1.16	.590	.340/.343	.535	600
	10613HT	3/8	.330	1.16	.590	.389/.391	.535	600
6	10615HT	#8-10	.375	1.14	.470	.197/.200	.530	600
	10616HT	#12-1/4	.375	1.14	.470	.262/.265	.530	600
	10617HT	5/16	.375	1.22	.620	.325/.328	.530	600
	10618HT	3/8	.375	1.22	.620	.397/.400	.530	600
4	10620HT	1/4	.470	1.35	.656	.262/.265	.546	600
	10621HT	5/16	.470	1.35	.656	.325/.328	.546	600
	10622HT	3/8	.470	1.35	.656	.397/.400	.546	600
2	10628HT	1/4	.50	1.55	.625	.262/.265	.710	600
	10630HT	5/16	.50	1.55	.625	.325/.328	.710	600
	10630HT	3/8	.50	1.55	.625	.397/.400	.710	600

Instructions:

All dimensions are in inches

482° C Max. Temperature Rating One crimp required Solid or Stranded wire Crimp tool HT #20701 Hex Crimp Jr. Strip Length 15/32"

	8AWG	90lbs.
Min. Wire Pullout Force	6AWG	100lbs.
	4AWG	140lbs.
	2AWG	180lbs.

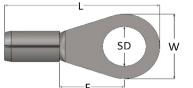
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Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

22-18 A.W.G. Brazed Rings



•110 Copper Alloy .028 thickness, Electro-Tin Plated .0001"-.0003"

• Terminal I.D. - .078

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage
10014BZ	4	.250	.590	.225	.122/.125	.223	600
10020BZ*	6	.250	.660	.290	.139/.142	.260	600
10020EBZ	6	.190	.586	.290	.138/.142	.250	600
10021BZ	6 Slim	.250	.590	.225	.139/.142	.223	600
10021EBZ	6 Slim	.190	.523	.225	.138/.142	.223	600
10030BZ*	8	.250	.660	.324	.168/.171	.250	600
10038BZ	8 Slim	.250	.660	.290	.168/.171	.260	600
10038EBZ	8 Slim	.190	.586	.290	.168/.171	.250	600
10040BZ*	10	.250	.660	.324	.194/.197	.250	600
10040EBZ	10	.190	.586	.290	.194/.197	.253	600
10041BZ*	1/4	.250	.890	.470	.260/.265	.405	600
10044BZ*	1/4 Slim	.250	.810	.430	.263/.265	.345	600
10042BZ*	5/16	.250	.890	.470	.324/.327	.405	600
10042EBZ	5/16	.190	.828	.470	.324/.327	.405	600
10043BZ*	3/8	.250	.990	.558	.394/.398	.469	600
10030LBZ	8	.250	.820	.324	.168/.171	.405	600
10040LBZ	10	.250	.820	.324	.194/.197	.405	600
10040MBZ*	6-8-10	.250	.340	NA	.350	600	
All dimensio Required	_	^{ches} SA Requirem	* =UL an ents:	d CSA li	sted	~ =CSA	listed
75° C Max. 1	Temperature	e Rating		Crimp	tool HT #20591-NH1		
One crimp r	equired			Strip Le	ength 1/4" (6.4mm)		
Solid or Stra	nded wire					22AWG	8lbs.
Agency a	nd Comp	liance:		Min. W	/ire Pullout Force	20AWG	13lbs.
UL Listed, i	nvestigated	d to UL 486 A-B,	File NO.	ZMVV.	E68376	18AWG	20lbs.
CSA 22.2 N	o. 65-03. C	ertification NO.	207131				

WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or property damage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or engineer must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.

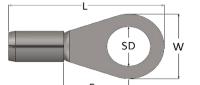
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Terminal



Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

16-14 A.W.G. Brazed Rings



•110 Copper Alloy .030 thickness, Electro-Tin Plated .0001"-.0003"

• Terminal I.D. - .093

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage
10084BZ	4	.250	.570	.264	.122/.125	.195	600
10086BZ*	6	.250	.650	.295	.138/.142	.260	600
10086EBZ	6	.188	.588	.295	.139/.142	.260	600
10085BZ	6 Slim	.250	.570	.246	.139/.142	.195	600
10090BZ*	8	.250	.710	.324	.168/.171	.295	600
10098BZ	8 Slim	.250	.650	.295	.168/.172	.260	600
10098EBZ	8 Slim	.188	.588	.295	.168/.172	.260	600
10100BZ*	10	.250	.710	.324	.194/.197	.295	600
10100EBZ	10	.188	.644	.324	.194/.197	.295	600
10101BZ*	1/4	.250	.890	.470	.263/.265	.405	600
10114BZ*	1/4 Slim	.250	.810	.430	.263/.265	.345	600
10114EBZ	1/4 Slim	.188	.750	.430	.263/.265	.345	600
10102BZ*	5/16	.250	.890	.470	.324/.327	.405	600
10102EBZ	5/16	.188	.827	.470	.324/.327	.405	600
10103BZ*	3/8	.250	.990	.558	.394/.398	.569	600
10104BZ*	1/2	.250	1.210	.430	.525/.530	.615	600
10090LBZ	8	.250	.820	.324	.168/.171	.405	600
10100LBZ	10	.250	.820	.324	.194/.197	.405	600
10100MBZ*	6-8-10	.250	.810	.340	NA	.345	600
All dimensior Required		^{nes} SA Requireme	* =UL an ents:	d CSA li	sted	~ =CSA	isted
75° C Max. Te	emperature	Rating		Crimp	tool HT #20591-NH1		
One crimp re	quired			Strip Le	ength 1/4" (6.4mm)		
Solid or Strar	nded wire				/ire Pullout Force	16AWG	30lbs
Agency an	d Compli	ance:		IVIIII. V\	The Pullout Force	14AWG	50lbs
	0	to UL 486 A-B, F rtification NO. 2		ZMVV.E	68376		

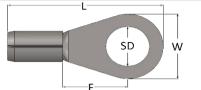
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Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

12-10 A.W.G. Brazed Rings



110 Copper Alloy .038 thickness, Electro-Tin Plated .00025"-.0004"

• Terminal I.D. - .141/.144

6 6 Slim 8 8 Slim 10	.250 .250 .250 .250	.720 .720 .720 .720	.342 .290 .342	.143/.147 .143/.147 .168/.171	.297 .297 .297	600 600
8 8 Slim	.250 .250	.720				
8 Slim	.250		.342	.168/.171	207	1
		720			.297	600
10		.720	.290	.168/.171	.297	600
	.250	.720	.342	.194/.197	.297	600
1/4	.250	.990	.558	.257/.261	.469	600
L/4 Slim	.250	.940	.434	.257/.261	.469	600
5/16	.250	.990	.558	.327/.323	.469	600
3/8	.250	.990	.558	.400/.394	.469	600
1/2	.250	1.210	.690	.525/.530	.615	600
10	.250	.940	.434	.194/.197	.469	600
6-8-10	.250	.890	.390	NA	.350	600
ns are in Ir	nches	* =UL and	d CSA lis	sted	~ =CSA	listed
6	1/4 /4 Slim 5/16 3/8 1/2 10 6-8-10 5 are in li	1/4.250/4 Slim.2505/16.2503/8.2501/2.25010.250	1/4.250.990/4 Slim.250.9405/16.250.9903/8.250.9901/2.2501.21010.250.9405-8-10.250.890	1/4.250.990.558/4 Slim.250.940.4345/16.250.990.5583/8.250.990.5581/2.2501.210.69010.250.940.4345-8-10.250.890.390	1/4 .250 .990 .558 .257/.261 /4 Slim .250 .940 .434 .257/.261 5/16 .250 .990 .558 .327/.323 3/8 .250 .990 .558 .400/.394 1/2 .250 1.210 .690 .525/.530 10 .250 .940 .434 .194/.197 i-8-10 .250 .890 .390 NA	1/4.250.990.558.257/.261.469/4 Slim.250.940.434.257/.261.4695/16.250.990.558.327/.323.4693/8.250.990.558.400/.394.4691/2.2501.210.690.525/.530.61510.250.940.434.194/.197.4695-8-10.250.890.390NA.350

Required per UL/CSA Requirements:

75° C Max. Temperature Rating One crimp required Solid or Stranded wire Crimp tool HT #20591-NH1 Strip Length 1/4" (6.4mm)

Min. Wire Pullout Force

12AWG	70lbs.
10AWG	80lbs.

Agency and Compliance:

UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131

WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or property damage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or engineer must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.

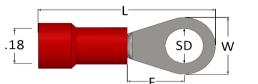
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Hillsdale Terminal

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• Terminal LD. - .078

•110 Copper Alloy .028 thickness,

Electro-Tin Plated .0001"-.0003"

• Rigid PVC Insulator .030 wall thickness

	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage
<u>50014</u>	4	.250	.80	.225	.122/.125	.223	600
<u>50020*</u>	6	.250	.870	.290	.139/.142	.260	600
<u>50020E</u>	6	.190	.788	.290	.138/.142	.250	600
<u>50021</u>	6 Slim	.250	.80	.225	.139/.142	.223	600
<u>50021E</u>	6 Slim	.190	.718	.225	.138/.142	.223	600
<u>50030*</u>	8	.250	.880	.324	.168/.171	.250	600
<u>50038</u>	8 Slim	.250	.880	.290	.168/.171	.260	600
<u>50038E</u>	8 Slim	.190	.788	.290	.168/.171	.250	600
<u>50040*</u>	10	.250	.880	.324	.194/.197	.250	600
50040E	10	.190	.788	.290	.194/.197	.253	600
<u>50041*</u>	1/4	.250	1.110	.470	.260/.265	.405	600
<u>50044*</u>	1/4 Slim	.250	1.030	.430	.263/.265	.345	600
<u>50044E</u>	1/4 Slim	.190	.960	.430	.263/.265	.345	600
<u>50042*</u>	5/16	.250	1.10	.470	.324/.327	.405	600
<u>50042E</u>	5/16	.190	.828	.470	.324/.327	.405	600
<u>50043*</u>	3/8	.250	1.20	.558	.394/.398	.469	600
50040M	50040M 6-8-10 .250 .960				NA	.345	600
All dimensions are in Inches * =UL and Required per UL/CSA Requirements:					sted	~ =CSA	listed
-			<u>nents:</u>				
	Temperatu	re Rating		•	tool HT #20592-NH30		
One crimp	•			Strip L	ength 9/32" (7.1mm)		
Solid or Str	anded wire			Min. Wire Pullout Force		22AWG	6 8lbs.
Agency a	and Com	oliance:				20AWG	i 13lbs.
UL Listed,	investigat	ed to UL 486 A-E	B, File NC). ZMV	V.E68376	18AWG	6 20lbs.
UL Listed, investigated to UL 486 A-B, File NC CSA 22.2 No. 65-03, Certification NO. 207131							

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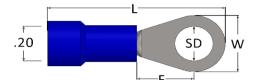
Terminal



Hillsdale Terminal

Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

16-14 A.W.G. Vinyl Rings



• Terminal I.D. - .093

•110 Copper Alloy .030 thickness,

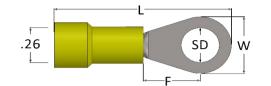
Electro-Tin Plated .0001"-.0003"

• Rigid PVC Insulator .030 wall thickness

All dimensions are in Inches* =UL and CSARequired per UL/CSA Requirements:75° C Max. Temperature RatingCrimp	4 .122 5 .138 5 .139 6 .139 4 .168 5 .168 5 .168 4 .194 0 .263 0 .263 0 .324 0 .324 0 .324 0 .525 0 .525 0 .525	4/.327	.195.260.260.295.295.260.295.295.295.405.345	Voltage 600 600 600 600 600 600 600 60					
50086* 6 .250 .880 .295 50086E 6 .188 .778 .295 50085 6 Slim .250 .790 .246 50090* 8 .250 .930 .324 50098 8 Slim .250 .880 .295 50098E 8 Slim .250 .880 .295 50100* 10 .250 .930 .324 50100* 10 .250 .930 .324 50100* 10 .250 .930 .324 50100* 10 .188 .860 .324 50100* 10 .188 .860 .324 50101* 1/4 .250 1.110 .470 50114* 1/4 Slim .188 .970 .430 50102* 5/16 .188 1.050 .470 50102* 5/16 .188 1.050 .470 50103* 3/8 .250	5 .138 5 .139 6 .139 6 .139 4 .168 5 .168 5 .168 4 .194 4 .194 0 .263 0 .263 0 .324 0 .324 0 .525 0 .525 0 .525	8/.142 9/.142 9/.142 8/.171 8/.172 8/.172 4/.197 4/.197 3/.265 3/.265 3/.265 4/.327	.260 .260 .195 .295 .260 .260 .295 .295 .295 .405 .345	600 600 600 600 600 600 600 600 600					
50086E 6 .188 .778 .295 50085 6 Slim .250 .790 .246 50090* 8 .250 .930 .324 50098 8 Slim .250 .880 .295 50098E 8 Slim .250 .880 .295 50100* 10 .250 .930 .324 50100* 10 .250 .930 .324 50100* 10 .250 .930 .324 50100* 10 .250 .930 .324 50101* 1/4 .250 1.110 .470 50114* 1/4 Slim .250 1.030 .430 50102* 5/16 .250 1.110 .470 50102* 5/16 .188 1.050 .470 50103* 3/8 .250 1.210 .558 50104* 1/2 .250 1.430 .430 50100M* 6-8-10 .250	5 .139 6 .139 4 .168 5 .168 5 .168 4 .194 4 .194 4 .194 0 .263 0 .263 0 .324 0 .324 0 .324 0 .525 0 .525 0 .8	9/.142 9/.142 8/.171 8/.172 8/.172 4/.197 4/.197 3/.265 3/.265 3/.265 4/.327	.260.195.295.260.260.295.295.405.345	600 600 600 600 600 600 600 600					
50085 6 Slim .250 .790 .246 50090* 8 .250 .930 .324 50098 8 Slim .250 .880 .295 50098E 8 Slim .188 .795 .295 50100* 10 .250 .930 .324 50100* 10 .250 .930 .324 50100E 10 .188 .795 .295 50100E 10 .188 .860 .324 50101* 1/4 .250 1.110 .470 50114* 1/4 Slim .250 1.030 .430 50102* 5/16 .250 1.110 .470 50102* 5/16 .188 1.050 .470 50103* 3/8 .250 1.210 .558 50104* 1/2 .250 1.430 .430 50100M* 6-8-10 .250 1.020 .340 All dimensions are in Inches * =UL an	6 .139 4 .168 5 .168 5 .168 4 .194 4 .194 0 .263 0 .263 0 .324 0 .324 0 .324 0 .525 0 .525 0 .525	9/.142 8/.171 8/.172 8/.172 4/.197 4/.197 3/.265 3/.265 3/.265 4/.327	.195.295.260.260.295.295.405.345	600 600 600 600 600 600					
50098 8 Slim .250 .880 .295 50098E 8 Slim .188 .795 .295 50100* 10 .250 .930 .324 50100E 10 .188 .860 .324 50100E 10 .188 .860 .324 50101* 1/4 .250 1.110 .470 50114* 1/4 Slim .250 1.030 .430 50102* 5/16 .250 1.110 .470 50102* 5/16 .250 1.110 .470 50102* 5/16 .250 1.210 .558 50104* 1/2 .250 1.430 .430 50100M* 6-8-10 .250 1.020 .340 All dimensions are in Inches * =UL and CSA * Required per UL/CSA Requirements: 75° C Max. Temperature Rating Crimp	5 .168 5 .168 4 .194 4 .194 0 .263 0 .263 0 .263 0 .324 8 .394 0 .525 0 .182	8/.172 8/.172 4/.197 4/.197 3/.265 3/.265 3/.265 4/.327	.260 .260 .295 .295 .405 .345	600 600 600 600 600					
50098E 8 Slim .188 .795 .295 50100* 10 .250 .930 .324 50100E 10 .188 .860 .324 50100E 10 .188 .860 .324 50101* 1/4 .250 1.110 .470 50114* 1/4 Slim .250 1.030 .430 50102* 5/16 .250 1.110 .470 50102* 5/16 .250 1.110 .470 50102* 5/16 .250 1.210 .558 50103* 3/8 .250 1.210 .558 50104* 1/2 .250 1.430 .430 50100M* 6-8-10 .250 1.020 .340 All dimensions are in Inches * =UL and CSA * Required per UL/CSA Requirements: 75° C Max. Temperature Rating Crimp	5 .168 4 .194 4 .194 0 .263 0 .263 0 .263 0 .324 0 .324 0 .324 0 .525 0 .525 0 .525	8/.172 4/.197 4/.197 3/.265 3/.265 3/.265 4/.327	.260.295.295.405.345	600 600 600 600					
50100* 10 .250 .930 .324 50100E 10 .188 .860 .324 50101E 10 .188 .860 .324 50101* 1/4 .250 1.110 .470 50114* 1/4 Slim .250 1.030 .430 50102* 5/16 .250 1.110 .470 50102* 5/16 .250 1.110 .470 50102* 5/16 .250 1.110 .470 50102* 5/16 .188 1.050 .470 50103* 3/8 .250 1.210 .558 50104* 1/2 .250 1.430 .430 50100M* 6-8-10 .250 1.020 .340 All dimensions are in Inches * =UL and CSA * Required per UL/CSA Requirements: 75° C Max. Temperature Rating Crimp	4 .194 4 .194 0 .263 0 .263 0 .263 0 .263 0 .324 0 .324 0 .324 0 .525 0 .	4/.197 4/.197 3/.265 3/.265 3/.265 4/.327	.295 .295 .405 .345	600 600 600					
50100E 10 .188 .860 .324 50101* 1/4 .250 1.110 .470 50114* 1/4 Slim .250 1.030 .430 50114E 1/4 Slim .188 .970 .430 50102* 5/16 .250 1.110 .470 50102E 5/16 .250 1.110 .470 50102E 5/16 .188 1.050 .470 50103* 3/8 .250 1.210 .558 50104* 1/2 .250 1.430 .430 50100M* 6-8-10 .250 1.020 .340 All dimensions are in Inches * =UL and CSA * * Required per UL/CSA Requirements: 75° C Max. Temperature Rating Crimp	4 .194 0 .263 0 .263 0 .263 0 .263 0 .324 0 .324 8 .394 0 .525 0 N	4/.197 3/.265 3/.265 3/.265 4/.327	.295 .405 .345	600 600					
50101* 1/4 .250 1.110 .470 50114* 1/4 Slim .250 1.030 .430 50114E 1/4 Slim .188 .970 .430 50102* 5/16 .250 1.110 .470 50102* 5/16 .250 1.110 .470 50102E 5/16 .188 1.050 .470 50103* 3/8 .250 1.210 .558 50104* 1/2 .250 1.430 .430 50100M* 6-8-10 .250 1.020 .340 All dimensions are in Inches * =UL and CSA * Required per UL/CSA Requirements: 75° C Max. Temperature Rating Crimp	0 .263 0 .263 0 .263 0 .324 0 .324 8 .394 0 .525 0 N	3/.265 3/.265 3/.265 4/.327	.405 .345	600					
50114* 1/4 Slim .250 1.030 .430 50114E 1/4 Slim .188 .970 .430 50102* 5/16 .250 1.110 .470 50102E 5/16 .188 1.050 .470 50103* 3/8 .250 1.210 .558 50104* 1/2 .250 1.430 .430 50100M* 6-8-10 .250 1.020 .340 All dimensions are in Inches * =UL and CSA * =UL and CSA Required per UL/CSA Requirements: 75° C Max. Temperature Rating Crimp	0 .263 0 .263 0 .324 0 .324 8 .394 0 .525 0 N	3/.265 3/.265 4/.327	.345						
50114E 1/4 Slim .188 .970 .430 50102* 5/16 .250 1.110 .470 50102E 5/16 .188 1.050 .470 50102E 5/16 .188 1.050 .470 50102E 5/16 .188 1.050 .470 50103* 3/8 .250 1.210 .558 50104* 1/2 .250 1.430 .430 50100M* 6-8-10 .250 1.020 .340 All dimensions are in Inches * =UL and CSA * Required per UL/CSA Requirements: 75° C Max. Temperature Rating Crimp	0 .263 0 .324 0 .324 8 .394 0 .525 0 N	3/.265 4/.327		600					
50102* 5/16 .250 1.110 .470 50102E 5/16 .188 1.050 .470 50103* 3/8 .250 1.210 .558 50104* 1/2 .250 1.430 .430 50100M* 6-8-10 .250 1.020 .340 All dimensions are in Inches * =UL and CSA * * = 75° C Max. Temperature Rating Crimp Crimp *	0 .324 0 .324 8 .394 0 .525 0 N	4/.327	.345						
50102E 5/16 .188 1.050 .470 50103* 3/8 .250 1.210 .558 50104* 1/2 .250 1.430 .430 50100M* 6-8-10 .250 1.020 .340 All dimensions are in Inches * =UL and CSA Required per UL/CSA Requirements: 75° C Max. Temperature Rating Crimp	0 .324 8 .394 0 .525 0 N								
50103* 3/8 .250 1.210 .558 50104* 1/2 .250 1.430 .430 50100M* 6-8-10 .250 1.020 .340 All dimensions are in Inches * =UL and CSA Required per UL/CSA Requirements: 75° C Max. Temperature Rating Crimp	8 .394 0 .525 0 N	4/227	.405	600					
50104* 1/2 .250 1.430 .430 50100M* 6-8-10 .250 1.020 .340 All dimensions are in Inches * =UL and CSA Required per UL/CSA Requirements: 75° C Max. Temperature Rating Crimp	0 .525 0 N	4/.327	.405	600					
50100M*6-8-10.2501.020.340All dimensions are in Inches* =UL and CSARequired per UL/CSA Requirements:75° C Max. Temperature RatingCrimp	0 1	4/.398	.569	600					
All dimensions are in Inches* =UL and CSA Required per UL/CSA Requirements: 75° C Max. Temperature RatingCrimp		5/.530	.615	600					
Required per UL/CSA Requirements:75° C Max. Temperature RatingCrimp	A listed								
75° C Max. Temperature Rating Crimp		All dimensions are in Inches * =UL and CSA listed ~ =CSA listed							
75° C Max. Temperature Rating Crimp									
	np tool HT #20	0592-NH30							
One crimp required Strip I	D Length 9/32'	2" (7.1mm)							
Solid or Stranded wire			16AWG	30lbs.					
Agency and Compliance:	. Wire Pullout	t Force	14AWG	50lbs.					
UL Listed, investigated to UL 486 A-B, File NO. ZMV	1VV.F68376								
CSA 22.2 No. 65-03, Certification NO. 207131	111200070								



Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com



12-10 A.W.G. Vinyl Rings

- Terminal I.D. .141/.144
- •110 Copper Alloy .038 thickness,
- Electro-Tin Plated .00025"-.0004"
- Rigid PVC Insulator .032 wall thickness

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage
50210*	6	.250	1.020	.342	.143/.147	.297	600
50215	6 Slim	.250	1.0	.290	.143/.147	.297	600
50220*	8	.250	1.020	.342	.168/.171	.297	600
50225	8 Slim	.250	1.0	.290	.168/.171	.297	600
50230*	10	.250	1.020	.342	.194/.197	.297	600
50240*	1/4	.250	1.30	.558	.257/.261	.469	600
50245*	1/4 Slim	.250	1.230	.434	.257/.261	.469	600
50250*	5/16	.250	1.30	.558	.327/.323	.469	600
50260*	3/8	.250	1.30	.558	.400/.394	.469	600
50233*	1/2	.250	1.50	.690	.525/.530	.615	600
50235	1/2 Wide	.250	1.560	.760	.518/.522	.620	600
50230M*	6-8-10	.250	1.190	.390	NA	.350	600
All dimens	ions are in l	nches	* =UL and	d CSA li	sted	~ =CSA	listed
<u>Require</u>	d per UL/	CSA Requirer	<u>ments:</u>				

75° C Max. Temperature Rating One crimp required Solid or Stranded wire

Crimp tool HT #20593-NH13 Strip Length 9/32" (7.1mm)

Min. Wire Pullout Force

٩WG	70lbs.
AWG	80lbs.

Agency and Compliance:

UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376

CSA 22.2 No. 65-03, Certification NO. 207131

WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or property damage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or engineer must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.

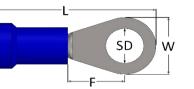
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Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

8-6 A.W.G Vinyl Rings

Material Thickness: 8 AWG: .042 6 AWG: .050



•Alloy 110 Copper with brazed seam. Electro-Tin Plated .00025-.0004 thick

• Rigid PVC insulator

5 5 5	50608 50609 50610	#8 #8-10 Slim	.330 .330	1.25	.375	.173/.175	.358	600		
5		#8-10 Slim	330							
5	50610		.550	1.22	2 .375 .197/.200 .358 600					
		#8-10	.330	1.27	.472	.197/.200	.358	600		
	50611	#12-1/4	.330	1.27	.472	.262/.265	.358	600		
5	50612 5/16 .330 1.50 .590 .340/.343 .535 600									
5	50613 3/8 .330 1.50 .590 .389/.391 .535 600							600		
5	50614	1/2	.330	1.66	.780	.515/.520	.620	600		
6 5	50615 #8-10 .375 1.54 .470 .197/.200 .530 600									
5	50615E #8-10 .375 1.40 .470 .197/.200 .390 600							600		
5	50616 #12-1/4 .375 1.54 .470 .262/.265 .530 600							600		
5	0616E	#12-1/4	.375	1.40	.470	.262/.265	.390	600		
5	50617	5/16	.375	1.62	.620	.325/.328	.530	600		
5	50618	3/8	.375	1.62	.620	.397/.400	.530	600		
5	50619	1/2	.375	2.0	.860	.518/.522	.750	600		
All dimensions are in Inches * =UL and CSA listed ~ =CSA listed										
Re	equire	d per UL	CSA Require	ments:						
75	5° C Max	. Temperati	ure Rating		Crimp	tool HT #20701 Hex Cri	mp Jr.			
On	ne crimp	required	-		Strip Le	ength 9/32" (7.1mm)				
So	lid or St	randed wire	2				8AWG	90lbs.		
A	gency	and Com	pliance:		Min. W	/ire Pullout Force	6AWG	100lbs.		
			ed to UL 486 A-	R Filo N(V F68376				
		•	Certification N	•		v.L003/0				
0		NO. 05 05,	certification N	5.20715	1					
VARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or property amage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or enginee must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.										

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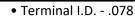
Hillsdale Terminal

Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

SD

W

22-18 A.W.G. Nylon Rings



110 Copper Alloy .028 thickness,
Electro-Tin Plated .0001"-.0003"
Nylon Insulator .030 thickness

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage		
50014N	4	.250	.80	.225	.122/.125	.223	600		
50020N*	6	.250	.870	.290	.139/.142	.260	600		
50020EN	6	.190	.788	.290	.138/.142	.250	600		
50021N	6 Slim	.250	.80	.225	.139/.142	.223	600		
50021EN	6 Slim	.190	.718	.225	.138/.142	.223	600		
50030N*	8	.250	.880	.324	.168/.171	.250	600		
50038N	8 Slim	.250	.880	.290	.168/.171	.260	600		
50038EN	8 Slim	.190	.788	.290	.168/.171	.250	600		
50040N*	10	.250	.880	.324	.194/.197	.250	600		
50040EN	10	.190	.788	.290	.194/.197	.253	600		
50041N*	1/4	.250	1.110	.470	.260/.265	.405	600		
50044N*	1/4 Slim	.250	1.030	.430	.263/.265	.345	600		
50044EN	1/4 Slim	.190	.960	.430	.263/.265	.345	600		
50042N*	5/16	.250	1.10	.470	.324/.327	.405	600		
50042EN	5/16	.190	.828	.470	.324/.327	.405	600		
50043N*	3/8	.250	1.20	.558	.394/.398	.469	600		
50040MN*	6-8-10	.250	.960	.340	NA	.345	600		
All dimens	ions are in I	nches	* =UL an	d CSA li	sted	~ =CSA	listed		
Require	d per UL/	CSA Requiren	nents:						
75° C Max.	Temperatu	re Rating		Crimp	tool HT #20592-NH30				
One crimp		C		Strip Le	ength 9/32" (7.1mm)				
Solid or Sti	randed wire					22AWC	6 8lbs.		
Agency	and Com	pliance:		Min. W	/ire Pullout Force	20AW0	6 13lbs.		
UL Listed,	investigate	ed to UL 486 A-E	, File NO	. ZMV	/.E68376	18AW0	G 20lbs.		
CSA 22.2 No. 65-03, Certification NO. 207131									

must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.

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Hillsdale Terminal

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W

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16-14 A.W.G. Nylon Rings



• Terminal I.D. - .093

		·				_		1			
Part			Length	W	Stud Diameter(SD)	F	Voltage				
50084		.250	.880	.264	.122/.125	.195	600	-			
50086		.250	.880	.295	.138/.142	.260	600	-			
50086		.188	.778	.295	.139/.142	.260	600	-			
50085		.250	.790	.246	.139/.142	.195	600	-			
50090		.250	.930	.324	.168/.171	.295	600	-			
50098		.250	.880	.295	.168/.172	.260	600	4			
50098		.188	.795	.295	.168/.172	.260	600	-			
50100		.250	.930	30 .324 .194/.197 .295 600							
50100		.188	.860	.324	.194/.197	.295	600	4			
50101		.250	1.110	.470	.263/.265	.405	600	4			
50114	N* 1/4 Slim	.250	1.030	.430	.263/.265	.345	600				
50114	-	.188	.970	.430	.263/.265	.345	600				
50102		.250	1.110	.470	.324/.327	.405	600				
50102	EN 5/16	.188	1.050	.470	.324/.327	.405	600				
50103		.250	1.210	.558	.394/.398	.569	600				
50104	N* 1/2	.250	1.430	.430	.525/.530	.615	600				
50100N	1N* 6-8-10	.250	1.020	.340	NA	.345	600				
All dim	All dimensions are in Inches * =UL and CSA listed ~ =CSA listed										
Requi	i <mark>red per UL</mark>	/CSA Requirer	<u>ments:</u>								
75° C N	lax. Temperat	ure Rating		Crimp	tool HT #20592-NH30						
One cri	mp required			Strip Le	ength 9/32" (7.1mm)						
Solid o	Stranded wire	2				16AW0	G 30lbs.]			
Agen	cy and Com	pliance:		Min. W	/ire Pullout Force	14AW0	G 50lbs.				
		ed to UL 486 A-I	3 File NC) 7M\//	V F68376]			
		Certification NC			V.200370						
	110. 05-05,		,. 207131	-							
					improperly. Improper use can						
-				-	cal building inspector. A licens			-			
must be consu	must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.										
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	Terminal										
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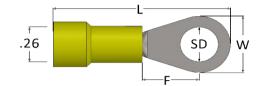


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12-10 A.W.G. Nylon Rings

property

engineer



•110 Copper Alloy .038 thickness, Electro-Tin Plated .00025"-.0004"

• Terminal I.D. - .141/.144

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage
50210N*	6	.250	1.020	.342	.143/.147	.297	600
50215N	6 Slim	.250	1.0	.290	.143/.147	.297	600
50220N*	8	.250	1.020	.342	.168/.171	.297	600
50225N	8 Slim	.250	.168/.171	.297	600		
50230N*	10	.250	1.020	.342	.194/.197	.297	600
50240N*	1/4	.250	1.30	.558	.257/.261	.469	600
50245N*	1/4 Slim	.250	1.230	.434	.257/.261	.469	600
50250N*	5/16	.250	1.30	.558	.327/.323	.469	600
50260N*	3/8	.250	1.30	.558	.400/.394	.469	600
50233N*	1/2	.250	1.50	.690	.525/.530	.615	600
50230MN*	NA	.350	600				
All dimens	ions are in I	nches	* =UL and	d CSA li	sted	~ =CSA	listed
Require	d per UL/	CSA Requirer	<u>nents:</u>				
75° C Max.	Temperatu	ire Rating		Crimp	tool HT #20593-NH13		
One crimp	required			Strip L	ength 9/32" (7.1mm)		
Solid or Sti	randed wire			N 41		12AW0	G 70lbs.
Agency	and Com	pliance:		iviin. v	/ire Pullout Force	10AW0	6 80lbs.
UL Listed,	investigat	ed to UL 486 A-I	B, File NC	. ZMV	V.E68376		I
	-	Certification NC					
. For safe wiring	g practices, cor	nsult National Electrica	al Code and/	or your lo	improperly. Improper use can cal building inspector. A licen I and that it is properly and sa	sed electri	ical contracto

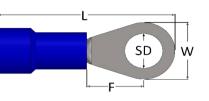
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8-2 A.W.G Nylon Rings

Material Thickness 8 AWG: .042 6 AWG: .050 4 AWG: .070 2 AWG: .070



•Alloy 110 Copper with brazed seam. Electro-Tin Plated .00025-.0004 thick

Nylon insulator

A.W.G.	Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage
8	50608N	#8	.330	1.25	.375	.173/.175	.358	600
	50609N	#8-10 Slim	.330	1.22	.375	.197/.200	.358	600
	50610N	#8-10	.330	1.27	.472	.197/.200	.358	600
	50611N	#12-1/4	.330	1.27	.472	.262/.265	.358	600
	50612N	5/16	.330	1.50	.590	.340/.343	.535	600
	50613N	3/8	.330	1.50	.590	.389/.391	.535	600
	50614N	1/2	.330	1.66	.780	.515/.520	.620	600
6	50615N	#8-10	.375	1.54	.470	.197/.200	.530	600
	50615EN	#8-10	.375	1.40	.470	.197/.200	.390	600
	50616N	#12-1/4	.375	1.54	.470	.262/.265	.530	600
	50616EN	#12-1/4	.375	1.40	.470	.262/.265	.390	600
	50617N	5/16	.375	1.62	.620	.325/.328	.530	600
	50618N	3/8	.375	1.62	.620	.397/.400	.530	600
	50619N	1/2	.375	2.00	.860	.518/.522	.750	600
4	50898N	#10 Slim	.467	1.68	.468	.197/.200	.546	600
	50620N	1/4	.470	1.75	.656	.262/.265	.546	600
	50899N	1/4 Slim	.467	1.68	.468	.262/.265	.546	600
	50621N	5/16	.470	1.75	.656	.325/.328	.546	600
	50622N	3/8	.470	1.75	.656	.397/.400	.546	600
	50623N	1/2	.470	2.00	.860	.518/.522	.750	600
2	50628N	1/4	.50	2.05	.625	.262/.265	.710	600
	50629N	5/16	.50	2.05	.625	.325/.328	.710	600
	50630N	3/8	.50	2.05	.625	.397/.400	.710	600
	50631N	1/2	.50	2.10	.860	.518/.522	.710	600
	All dimens	sions are in	Inches	* =UL and	d CSA li	sted	~ =CSA	listed
	<u>Require</u>	d per UL	CSA Require	ments:				

75° C Max. Temperature Rating One crimp required Crimp tool HT #20701 Hex Crimp Jr.

Strip Length 15/32"

Solid or Stranded wire	Min Mine Dullant Fame	8AWG	90lbs.
Agency and Compliance:	Min. Wire Pullout Force	6AWG	100lbs.
UL Listed, investigated to UL 486 A-B, File N	O. ZMVV.E68376	4AWG	140lbs.
CSA 22.2 No. 65-03, Certification NO. 20713	1	2AWG	180lbs.

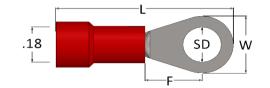
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22-18 A.W.G. 3-Piece Rings



•110 Copper Alloy .028 thickness,

Electro-Tin Plated .0001"-.0003"

- Terminal I.D. .078
- Brass Sleeve

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage		
30014	4	.250	.790	.225	.122/.125	.223	600		
30020	6	.250	.850	.290	.139/.142	.260	600		
30021	6 Slim	.250	.80	.225	.139/.142	.223	600		
30030	8	.250	.870	.324	.168/.171	.250	600		
30038	8 Slim	.250	.870	.290	.168/.171	.260	600		
30040	10	.250	.870	.324	.194/.197	.250	600		
30041	1/4	.250	1.110	.470	.260/.265	.405	600		
30044	1/4 Slim	.250	1.010	.430	.263/.265	.345	600		
30042	5/16	.250	1.110	.470	.324/.327	.405	600		
30043	3/8	.250	1.20	.558	.394/.398	.469	600		
30040M	6-8-10	.250	.960	.340	NA	.345	600		
All dimens	ions are in I	nches	* =UL and	d CSA li	sted	~ =CSA	listed		
Required per UL/CSA Requirements:									

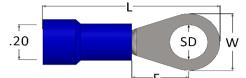
75° C Max. Temperature RatingCrimp tool HT #20592-NH30One crimp requiredStrip Length 9/32" (7.1mm)Solid or Stranded wireMin. Wire Pullout ForceAgency and Compliance:Min. Wire Pullout ForceUL Listed, investigated to UL 486 A-B, File NO. ZMVV.E6837618AWGCSA 22.2 No. 65-03, Certification NO. 207131

WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or property damage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or engineer must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.

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16-14 A.W.G. 3-Piece Rings

•110 Copper Alloy .030 thickness, Electro-Tin Plated .0001"-.0003"

• Terminal I.D. - .093

•Brass Sleeve

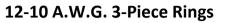
Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage	
30084	4	.250	.880	.264	.122/.125	.195	600	
30086	6	.250	.860	.295	.138/.142	.260	600	
30085	6 Slim	.250	.770	.246	.139/.142	.195	600	
30090	8	.250	.910	.324	.168/.171	.295	600	
30098	8 Slim	.250	.880	.295	.168/.172	.260	600	
30100	10	.250	.910	.324	.194/.197	.295	600	
30101	1/4	.250	1.10	.470	.263/.265	.405	600	
30114	1/4 Slim	.250	1.020	.430	.263/.265	.345	600	
30102	5/16	.250	1.110	.470	.324/.327	.405	600	
30103	3/8	.250	1.20	.558	.394/.398	.569	600	
30104	1/2	.250	1.420	.430	.525/.530	.615	600	
30100M	6-8-10	.250	1.020	.340	NA	.345	600	
All dimens	All dimensions are in Inches *=UL and CSA listed ~=CSA listed							
Require	d per UL/	CSA Requirer	nents:					
75° C Max	. Temperatu	re Rating		Crimp	tool HT #20592-NH30			
One crimp	•	U		Strip Lo	ength 9/32" (7.1mm)			
•	randed wire	1		•		16AWG	30lbs.	
Agency	and Com	pliance:		Min. W	/ire Pullout Force	14AWG	50lbs.	
		ed to UL 486 A-E) 71/1//	/ F68376	_		
	0	Certification NC			v.L00570			
age. For safe wiring	g practices, co	nsult National Electrica	al Code and/	or your lo	improperly. Improper use can cal building inspector. A licens I and that it is properly and sat	sed electri	cal contractor	
he precision or cor appplication. You a	npleteness is n ccept all risks a	ot definite. Before us and liability associated	ing this proo d with such ect unless e	duct, you use. Any	le Terminal's products are ba must evaluate it and determ statements related to the pro agreed upon, in writing, by a	ine if it is oduct which	suitable for y ch ar enot in	
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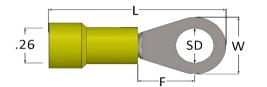
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Hillsdale Terminal

Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com





•110 Copper Alloy .038 thickness, Electro-Tin Plated .00025"-.0004"

- Terminal I.D. .141/.144
- Brass Sleeve

30210 6 250 1.030 342 $1.43/.147$ 297 600 30215 6 Slim .250 1.030 .342 .143/.147 .297 600 30220 8 .250 1.030 .342 .168/.171 .297 600 30225 8 Slim .250 1.03 .342 .168/.171 .297 600 30230 10 .250 1.030 .342 .194/.197 .297 600 30240 1/4 .250 1.310 .558 .257/.261 .469 600 30250 5/16 .250 1.30 .558 .327/.323 .469 600 30260 3/8 .250 1.510 .690 .525/.530 .615 600 30230 1/2 .250 1.550 .760 .518/.522 .620 600 30230 6-8-10 .250 1.190 .390 NA .350 600	Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage	
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$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	30215	6 Slim	.250	1.0	.290	.143/.147	.297	600	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	30220	8	.250	1.030	.342	.168/.171	.297	600	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	30225	8 Slim	.250	.290	.168/.171	.297	600		
30245 1/4 Slim .250 1.230 .434 .257/.261 .469 600 30250 5/16 .250 1.30 .558 .327/.323 .469 600 30260 3/8 .250 1.310 .558 .327/.323 .469 600 30260 3/8 .250 1.310 .558 .400/.394 .469 600 30233 1/2 .250 1.510 .690 .525/.530 .615 600 30235 1/2 Wide .250 1.550 .760 .518/.522 .620 600 30230M 6-8-10 .250 1.190 .390 NA .350 600 30230M 6-8-10 .250 1.190 .390 NA .350 600 All dimensions are in Inches * =UL and CSA listed ~ =CSA listed	30230	10	.250	1.030	.342	.194/.197	.297	600	
30250 5/16 .250 1.30 .558 .327/.323 .469 600 30260 3/8 .250 1.310 .558 .400/.394 .469 600 30233 1/2 .250 1.510 .690 .525/.530 .615 600 30235 1/2 Wide .250 1.550 .760 .518/.522 .620 600 30230M 6-8-10 .250 1.190 .390 NA .350 600 30230M 6-8-10 .250 1.190 .390 NA .350 600 All dimensions are in Inches * =UL and CSA listed ~ =CSA listed Required per UL/CSA Requirements: 75° C Max. Temperature Rating Crimp tool HT #20593-NH13 Strip Length 9/32" (7.1mm) Min. Wire Pullout Force 12AWG 70lbs. Min. Wire Pullout Force 10AWG 80lbs. 10AWG 80lbs.	30240	1/4	.250	1.310	.558	.257/.261	.469	600	
30260 3/8 .250 1.310 .558 .400/.394 .469 600 30233 1/2 .250 1.510 .690 .525/.530 .615 600 30235 1/2 Wide .250 1.550 .760 .518/.522 .620 600 30230M 6-8-10 .250 1.190 .390 NA .350 600 All dimensions are in Inches * =UL and CSA listed ~ =CSA listed Required per UL/CSA Requirements: 75° C Max. Temperature Rating Crimp tool HT #20593-NH13 One crimp required Strip Length 9/32" (7.1mm) Solid or Stranded wire Min. Wire Pullout Force 12AWG 70lbs. Min. Wire Pullout Force 10AWG 80lbs. UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131	30245	1/4 Slim	.250	1.230	.434	.257/.261	.469	600	
30233 1/2 .250 1.510 .690 .525/.530 .615 600 30235 1/2 Wide .250 1.550 .760 .518/.522 .620 600 30230M 6-8-10 .250 1.190 .390 NA .350 600 All dimensions are in Inches * =UL and CSA listed ~ =CSA listed Required per UL/CSA Requirements: 75° C Max. Temperature Rating Crimp tool HT #20593-NH13 One crimp required Strip Length 9/32" (7.1mm) Solid or Stranded wire Min. Wire Pullout Force 12AWG 70lbs. UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131 Strip Length 9/32" Improper use can result in personal injury ge. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor	30250	5/16	.250	1.30	.558	.327/.323	.469	600	
30235 1/2 Wide .250 1.550 .760 .518/.522 .620 600 30230M 6-8-10 .250 1.190 .390 NA .350 600 All dimensions are in Inches * =UL and CSA listed ~ =CSA listed Required per UL/CSA Requirements: 75° C Max. Temperature Rating Crimp tool HT #20593-NH13 One crimp required Strip Length 9/32" (7.1mm) Solid or Stranded wire Min. Wire Pullout Force 12AWG 70lbs. UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131 Strip Length 9/32" Improper use can result in personal injury ge. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor	30260	3/8	.250	1.310	.558	.400/.394	.469	600	
30230M 6-8-10 .250 1.190 .390 NA .350 600 All dimensions are in Inches * =UL and CSA listed ~ =CSA listed Required per UL/CSA Requirements: 75° C Max. Temperature Rating Crimp tool HT #20593-NH13 One crimp required Strip Length 9/32" (7.1mm) Solid or Stranded wire 12AWG 70lbs. Min. Wire Pullout Force 10AWG 80lbs. UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131	30233	1/2	.250	1.510	.690	.525/.530	.615	600	
All dimensions are in Inches * =UL and CSA listed ~ =CSA listed Required per UL/CSA Requirements: 75° C Max. Temperature Rating Crimp tool HT #20593-NH13 One crimp required Strip Length 9/32" (7.1mm) Solid or Stranded wire 12AWG 70lbs. Min. Wire Pullout Force 10AWG 80lbs. UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131	30235	1/2 Wide	.250	1.550	.760	.518/.522	.620	600	
Required per UL/CSA Requirements: 75° C Max. Temperature Rating Crimp tool HT #20593-NH13 One crimp required Strip Length 9/32" (7.1mm) Solid or Stranded wire Image: Compliance: Agency and Compliance: Min. Wire Pullout Force UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 IOAWG 80lbs. CSA 22.2 No. 65-03, Certification NO. 207131 Image: Compliance complicance compliance compliance compliance compliance compli	30230M	30230M 6-8-10 .250 1.190 .390 NA .350 600							
75° C Max. Temperature Rating Crimp tool HT #20593-NH13 One crimp required Strip Length 9/32" (7.1mm) Solid or Stranded wire 12AWG Agency and Compliance: Min. Wire Pullout Force UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 10AWG CSA 22.2 No. 65-03, Certification NO. 207131	All dimens	ions are in I	nches	* =UL and	d CSA li	sted	~ =CSA	listed	
One crimp required Strip Length 9/32" (7.1mm) Solid or Stranded wire Min. Wire Pullout Force 12AWG 70lbs. Min. Wire Pullout Force 10AWG 80lbs. UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131	Require	d per UL/	CSA Requirer	nents:					
Solid or Stranded wire Min. Wire Pullout Force 12AWG 70lbs. Agency and Compliance: I0AWG 80lbs. UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131 ING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury e. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor	75° C Max	Temperatu	ire Rating		Crimp	tool HT #20593-NH13			
Agency and Compliance: Min. Wire Pullout Force UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131 IING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury e. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor	One crimp	required	-		Strip L	ength 9/32" (7.1mm)			
Agency and Compliance: 10AWG 80lbs. UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131 ING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injurge. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor	Solid or Sti	randed wire					12AW0	G 70lbs.	
UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131 ING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury e. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contracto	Agency	and Com	oliance:		Min. W	/ire Pullout Force	10AW0	3 80lbs.	
CSA 22.2 No. 65-03, Certification NO. 207131 ING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury e. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor				B. File NC	L	V.F68376			
NING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury ge. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contracto		-				1200070			
	ge. For safe wiring	g practices, cor	nsult National Electrica	al Code and/	or your lo	cal building inspector. A licen	, sed electr	ical contracto	

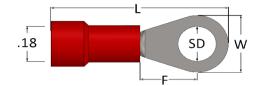
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Hillsdale Terminal

Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

22-18 A.W.G. Heat Shrink Rings



•110 Copper Alloy .028 thickness,

- Electro-Tin Plated .0001"-.0003"
- Terminal I.D. .078
- •L suffix denotes long neck terminals

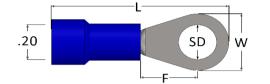
Part # Stud Size Barrel Length Length W Stu 40014 4 .250 1.090 .225	Jd Diameter(SD) .122/.125 .139/.142 .139/.142 .168/.171 .168/.171 .168/.171 .168/.171 .194/.197	.223 .260 .223 .250 .405 .260	Voltage 600 600 600 600 600
400206.2501.180.290400216 Slim.2501.090.225400308.2501.180.32440030L8.2501.340.324400388 Slim.2501.180.2904004010.2501.180.32440040L10.2501.340.324	.139/.142 .139/.142 .168/.171 .168/.171 .168/.171	.260 .223 .250 .405	600 600 600 600
400216 Slim.2501.090.225400308.2501.180.32440030L8.2501.340.324400388 Slim.2501.180.2904004010.2501.180.32440040L10.2501.340.324	.139/.142 .168/.171 .168/.171 .168/.171	.223 .250 .405	600 600 600
400308.2501.180.32440030L8.2501.340.324400388 Slim.2501.180.2904004010.2501.180.32440040L10.2501.340.324	.168/.171 .168/.171 .168/.171	.250 .405	600 600
40030L8.2501.340.324400388 Slim.2501.180.2904004010.2501.180.32440040L10.2501.340.324	.168/.171 .168/.171	.405	600
400388 Slim.2501.180.2904004010.2501.180.32440040L10.2501.340.324	.168/.171		
4004010.2501.180.32440040L10.2501.340.324		.260	
40040L 10 .250 1.340 .324	.194/.197		600
		.250	600
40041 1/4 .250 1.190 .470	.194/.197	.405	600
	.260/.265	.405	600
40044 1/4 Slim .250 1.310 .430	.263/.265	.345	600
40042 5/16 .250 1.390 .470	.324/.327	.405	600
40043 3/8 .250 1.490 .558	.394/.398	.469	600
40040M 6-8-10 .250 1.330 .340	NA	.345	600
All dimensions are in Inches * =UL and CSA listed		~ =CSA	listed
Required per UL/CSA Requirements:			
75° C Max. Temperature Rating Crimp tool	HT #20596		
One crimp required Strip Length	h 9/32" (7.1mm)		
Solid or Stranded wire		22AWG	i 8lbs.
Agency and Compliance:	Pullout Force	20AWG	i 13lbs.
UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E6	8376	18AWG	i 20lbs.
CSA 22.2 No. 65-03, Certification NO. 207131			

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16-14 A.W.G. Heat Shrink Rings



•110 Copper Alloy .030 thickness, Electro-Tin Plated .0001"-.0003"

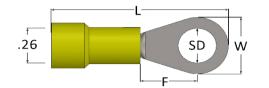
• Terminal I.D. - .093

•L suffix denotes long neck terminals

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage
40084	4	.250	1.070	.264	.122/.125	.195	600
40086	6	.250	1.160	.295	.138/.142	.260	600
40085	6 Slim	.250	1.070	.246	.139/.142	.195	600
40090	8	.250	1.210	.324	.168/.171	.295	600
40090L	8	.250	1.320	.324	.168/.171	.405	600
40098	8 Slim	.250	1.150	.295	.168/.172	.260	600
40100	10	.250	1.210	.324	.194/.197	.295	600
40100L	10	.250	1.320	.324	.194/.197	.405	600
40101	1/4	.250	1.390	.470	.263/.265	.405	600
40114	1/4 Slim	.250	1.310	.430	.263/.265	.345	600
40102	5/16	.250	1.390	.470	.324/.327	.405	600
40103	3/8	.250	1.490	.558	.394/.398	.569	600
40104	1/2	.250	1.710	.430	.525/.530	.615	600
40100M	6-8-10	.250	1.330	.340	NA	.345	600
All dimensions are in Inches * =UL and CSA listed ~ =CSA listed							
Require	d per UL/	CSA Requirer	nents:				
75° C Max.	Temperatu	ire Rating		Crimp	tool HT #20596		
One crimp	required	-		Strip Le	ength 9/32" (7.1mm)		
Solid or Sti	anded wire					16AWC	i 30lbs.
Agency	and Com	oliance:		Min. W	/ire Pullout Force	14AWG	i 50lbs.
		ed to UL 486 A-E) 71/1//	V F68376		
	-	Certification NC			V.L00370		
					improperly. Improper use can cal building inspector. A licen		
					I and that it is properly and sa		
					le Terminal's products are b must evaluate it and detern		



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12-10 A.W.G. Heat Shrink Rings

•110 Copper Alloy .038 thickness, Electro-Tin Plated .00025"-.0004"

• Terminal I.D. - .141/.144

•L suffix denotes long neck terminals

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage
40210	6	.250	1.150	.342	.143/.147	.297	600
40215	6 Slim	.250	1.150	.290	.143/.147	.297	600
40220	8	.250	1.150	.342	.168/.171	.297	600
40225	8 Slim	.250	1.250	.290	.168/.171	.297	600
40230	10	.250	1.150	.342	.194/.197	.297	600
40230L	10	.250	1.440	.434	.194/.197	.469	600
40240	1/4	.250	1.450	.558	.257/.261	.469	600
40245	1/4 Slim	.250	1.490	.434	.257/.261	.469	600
40250	5/16	.250	1.550	.558	.327/.323	.469	600
40260	3/8	.250	1.450	.558	.400/.394	.469	600
40233	1/2	.250	1.690	.690	.525/.530	.615	600
40230M	6-8-10	.250	1.390	.390	NA	.350	600
All dimens	ions are in I	nches	* =UL and	d CSA li	sted	~ =CSA	listed

Required per UL/CSA Requirements:

75° C Max. Temperature Rating One crimp required Solid or Stranded wire **Agency and Compliance:**

Crimp tool HT #20596

Strip Length 9/32" (7.1mm)

Min. Wire Pullout Force 12

12AWG 70lbs. 10AWG 80lbs.

UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376

CSA 22.2 No. 65-03, Certification NO. 207131

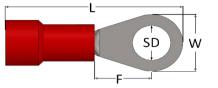
WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or property damage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or engineer must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.

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8 A.W.G. Heat Shrink Rings



•110 Copper Alloy .042 thickness, Electro-Tin Plated .0001"-.0003"

• Terminal I.D. .18

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage
40608	8	.330	1.50	.375	.173/.175	.358	600
40609	10 Slim	.330	1.47	.375	.197/.200	.358	600
40610	10	.330	1.52	.472	.197/.200	.358	600
40611	1/4	.330	1.52	.472	.262/.265	.358	600
40612	5/16	.330	1.75	.590	.340/.343	.535	600
40613	3/8	.330	1.75	.590	.389/.391	.535	600
40614	1/2	.330	1.91	.780	.515/.520	.620	600
			*	1 00 1 11			12

All dimensions are in Inches

* =UL and CSA listed

~ =CSA listed

Required per UL/CSA Requirements:

75° C Max. Temperature Rating One crimp required Solid or Stranded wire Crimp tool HT #20701 Hex Crimp Jr.

Strip Length 9/32" (7.1mm)

	0				
Min.	Wire P	ullou	ut Force	8AWG	90lbs.

Agency and Compliance:

UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131

WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or property damage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or engineer must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.

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22-18 A.W.G. Uninsulated Spades

22AWG

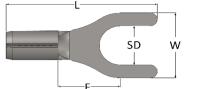
20AWG

18AWG

8lbs.

13lbs.

20lbs.



•110 Copper Alloy .028 thickness,

Electro-Tin Plated .0001"-.0003"

• Terminal I.D. - .078

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage
10050*	#6	.250	.730	.250	.149	.321	600
10051*	#6 Snap	.250	.730	.250	.149	.321	600
10052*	#6 Block	.250	.730	.250	.149	.321	600
10054	#4	.250	.670	.250	.125	.289	600
10055	#6 Short	.250	.670	.250	.145	.321	600
10056	#6 Block Wide	.250	.730	.30	.149	.321	600
10060*	#8	.250	.730	.312	.175	.321	600
10061*	#8 Snap	.250	.730	.312	.175	.321	600
10062*	#8 Block	.250	.730	.312	.175	.321	600
10068	#8 Slim	.250	.730	.268	.175	.321	600
10070*	#10	.250	.730	.312	.203	.321	600
10071*	#10 Snap	.250	.730	.312	.203	.321	600
10072*	#10 Block	.250	.730	.312	.203	.321	600
10075	1/4	.250	.990	.470	.260	.469	600
All dimens	ions are in I	nches	* =UL and	d CSA li	sted	~ =CSA	listed

Required per UL/CSA Requirements:

75° C Max. Temperature Rating

One crimp required

Crimp tool HT #20591-NH1

Min. Wire Pullout Force

Strip Length 1/4" (6.4mm)

	•	•	
Solid o	r Stra	nded v	wire

Agency and Compliance:

UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131

WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or property damage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or engineer must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.

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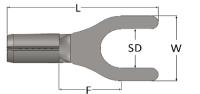
16-14 A.W.G. Uninsulated Spades

16AWG

14AWG

30lbs.

50lbs.



•110 Copper Alloy .030 thickness,

Electro-Tin Plated .0001"-.0003"

• Terminal I.D. - .093

Strip Length 1/4" (6.4mm)

Min. Wire Pullout Force

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage		
10140*	#6	.250	.710	.250	.150	.303	600		
10141*	#6 Snap	.250	.710	.250	.150	.303	600		
10142*	#6 Block	.250	.710	.250	.150	.303	600		
10144	#4 Block	.250	.670	.250	.125	.250	600		
10146	#6 Wide Block	.250	.730	.30	.149	.303	600		
10150*	#8	.250	.730	.344	.175	.303	600		
10151*	#8 Snap	.250	.730	.30	.175	.303	600		
10152*	#8 Block	.250	.730	.30	.175	.303	600		
10158	#8 Slim Block	.250	.710	.260	.175	.303	600		
10160*	#10	.250	.730	.344	.205	.303	600		
10161*	#10 Snap	.250	.730	.320	.205	.303	600		
10162*	#10 Block	.250	.730	.320	.205	.303	600		
10165*	1/4	.250	.990	.470	.260	.469	600		
All dimens	ions are in l	nches	* =UL and	d CSA li	sted	~ =CSA	listed		
<u>Require</u>	d per UL/	CSA Requirer	<u>nents:</u>						
75° C Max. Temperature Rating					Crimp tool HT #20591-NH1				

One crimp required

Solid or Stranded wire

Agency and Compliance:

UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376

CSA 22.2 No. 65-03, Certification NO. 207131

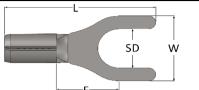
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Hillsdale Terminal

Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com



12-10 A.W.G. Uninsulated Spades

•110 Copper Alloy .038 thickness, Electro-Tin Plated .00025"-.0004"

• Terminal I.D. - .141/.144

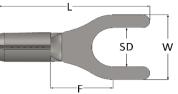
	o # 1 #	Stud Size	Downal Lowath	Longth	W	Stud Diamator(CD)	F	Valtaga	
	art #		Barrel Length	Length		Stud Diameter(SD)		Voltage	
	0234	1/4	.250	.990	.470	.260	.469 .469	600	
	10241 1/4 Snap .250 .990 .470 .212							600	
	0270*	#6	.250	.720	.350	.149	.294	600	
	0271*	#6 Snap	.250	.720	.296	.149	.294	600	
	0272*	#6 Block	.250	.720	.296	.149	.294	600	
	10280* #8 .250 .720 .350 .175 .294 600								
10	0281*	#8 Snap	.250	.720	.325	.175	.294	600	
	0282*	#8 Block	.250	.720	.325	.175	.294	600	
10	0290*	#10	.250	.720	.370	.203	.294	600	
10	0291*	#10 Snap	.250	.720	.350	.203	.294	600	
10	0292*	#10 Block	.250	.720	.350	.203	.294	600	
All dimensions are in Inches * =UL and CSA listed ~ =CSA listed									
Required per UL/CSA Requirements:									
		Temperatu			Crimp	tool HT #20591-NH1			
		required			•	ength 1/4" (6.4mm)			
	•	anded wire					12AW0	6 70lbs.	
			alianca		Min. Wire Pullout Force		10AW0		
		and Com					IUAWC	J 80103.	
		-	ed to UL 486 A-E			V.E68376			
CSA	A 22.2 I	No. 65-03,	Certification NC). 207131					
WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or property damage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or engineer must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.									
ut the precision appplication	on or com on. You ad	npleteness is n ccept all risks a	ot definite. Before us and liability associated	ing this proc d with such ect unless ex	luct, you use. Any	le Terminal's products are ba must evaluate it and determ statements related to the pro agreed upon, in writing, by a s	ine if it is oduct whi	suitable for y ch ar enot in	our intent Hillsdale



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8-6 A.W.G Uninsulated Spades

Material Thickness: 8 AWG: .042 6 AWG: .050



•Alloy 110 Copper with brazed seam. Electro-Tin Plated .00025-.0004 thick

			F [*]	1	1			1		
A.W.G.	Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage		
8	10607	#10	.330	0.94	.360	.200	.358	600		
8	10606	1/4	.330	0.94	.472	.260	.358	600		
6	10726	1/4	.413	1.00	.433	.252	.421	600		
	All dimensions are in Inches * =UL and CSA listed ~ =CSA listed									
	Instructions:									
	75° C Max	. Temperat	ure Rating		Crimp	tool HT #20701				
		o required	C		•	ength 9/32" (7.1mm)				
	Solid or St	randed wire	2		Min. Wire Pullout Force		8AWG	90lbs.		
					Min. W	6AWG	100lbs.			
amage. For safe	e wiring pract	tices, consult N	ational Electrical Code	e and/or you	r local bu	perly. Improper use can result ilding inspector. A licensed el hat it is properly and safely in:	ectrical co	ntractor or engin		
t the precision appplication.	or complete You accept	ness is not def all risks and lia	inite. Before using th bility associated with	is product, y such use. A	vou must ny staten	minal's products are based o evaluate it and determine if nents related to the product d upon, in writing, by a sancti	it is suitab which ar e	le for your inte enot in Hillsdale		
			Terms and Condi	tions at w	/ww.hil	lsdaleterminal.com		HOME		



Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

SD

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22-18 A.W.G. High Temp Spades

•1008 Alloy steel. .028 thickness Nickel Plated for 900°F rating

• Terminal I.D. - .078

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage		
10050HT	#6	.250	.730	.250	.149	.321	600		
10060HT	#8	.250	.730	.312	.175	.321	600		
10070HT	#10	.250	.730	.312	.321	600			
All dimensions are in Inches * =UL and CSA listed ~ =CSA listed									
Instructions:									
482° C Max	k. Temperat	ure Rating	Crimp	tool HT #2059-NH1					
One crimp	required			Strip Length 1/4" (6.4mm)					
Solid or Str	anded wire			22AWG 8lbs.					
				iviin. vi	/ire Pullout Force	20AWG	6 13lbs.		
						18AWG	a 20lbs.		
						-			

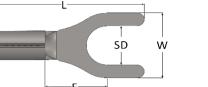
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16-14 A.W.G. High Temp Spades



 1008 Alloy steel. Nickel Plated for 900°F rating

• Terminal I.D. - .093

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage
10140HT	#6	.250	.710	.250	.150	.303	600
10150HT	#8	.250	.730	.344	.175	.303	600
10152HT	#8 Block	.250	.730	.30	.175	.303	600
10160HT	#10	.250	.730	.344	.205	.303	600
All dimons	nchoc	* -111 200		stad	~ -CSA listed		

All dimensions are in Inches

=UL and CSA listed

=CSA listed

Instructions:
482° C Max Temperature

482° C Max. Temperature Rating One crimp required Solid or Stranded wire Crimp tool HT #20591-NH1 Strip Length 1/4" (6.4mm)

Min. Wire Pullout Force	16AWG	30lbs.
	14AWG	50lbs.

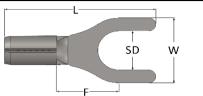
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12-10 A.W.G. High Temp Spades



 1008 Alloy steel. Nickel Plated for 900°F rating

• Terminal I.D. - .141/.144

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage
10234HT	1/4	.250	.990	.470	.260	.469	600
10270HT	#6	.250	.720	.350	.149	.294	600
10280HT	#8	.250	.720	.350	.175	.294	600
10290HT	#10	.250	.720	.370	.203	.294	600
10292HT	#10 Block	.250	.720	.350	.203	.294	600
معرم معنام ال	iana ara in I	a a la a a	* _ 1 11 _ 0.00		at a d	~	ان منه ما

All dimensions are in Inches

Instructions

482° C Max. Temperature Rating One crimp required Solid or Stranded wire Crimp tool HT #20591-NH1 Strip Length 1/4" (6.4mm)

* =UL and	CSA listed
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~	=CSA	listed

Min. Wire Pullout Force	12AWG	70lbs.
	10AWG	80lbs.

WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or property damage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or engineer must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.

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Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

22-18 A.W.G.Brazed Spades

22AWG

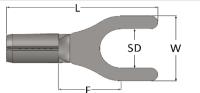
20AWG

18AWG

8lbs.

13lbs.

20lbs.



•110 Copper Alloy .028 thickness,

Electro-Tin Plated .0001"-.0003"

• Terminal I.D. - .078

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage
10050BZ*	#6	.250	.730	.250	.149	.321	600
10051BZ*	#6 Snap	.250	.730	.250	.149	.321	600
10052BZ*	#6 Block	.250	.730	.250	.149	.321	600
10054BZ	#4	.250	.670	.250	.125	.289	600
10055BZ	#6 Short	.250	.670	.250	.145	.321	600
10056BZ	#6 Block Wide	.250	.730	.30	.149	.321	600
10060BZ*	#8	.250	.730	.312	.175	.321	600
10061BZ*	#8 Snap	.250	.730	.312	.175	.321	600
10062BZ*	#8 Block	.250	.730	.312	.175	.321	600
10068BZ	#8 Slim	.250	.730	.268	.175	.321	600
10070BZ*	#10	.250	.730	.312	.203	.321	600
10071BZ*	#10 Snap	.250	.730	.312	.203	.321	600
10072BZ*	#10 Block	.250	.730	.312	.203	.321	600
10075BZ	1/4	.250	.990	.470	.260	.469	600
All dimens	ions are in I	nches	* =UL and	d CSA li	sted	~ =CSA	listed

Required per UL/CSA Requirements:

75° C Max. Temperature Rating

One crimp required

Crimp tool HT #20591-NH1

Strip Length 1/4" (6.4mm)

Min. Wire Pullout Force

	•	•		
Solid or	Stran	ded	wire	

Agency and Compliance:

UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131

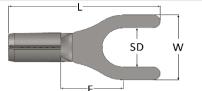
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16-14 A.W.G. Brazed Spades



•110 Copper Alloy .030 thickness, Electro-Tin Plated .0001"-.0003"

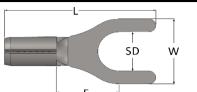
• Terminal I.D. - .093

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage
10140BZ*	#6	.250	.710	.250	.150	.303	600
10141BZ*	#6 Snap	.250	.710	.250	.150	.303	600
10142BZ*	#6 Block	.250	.710	.250	.150	.303	600
10144BZ	#4 Block	.250	.670	.250	.125	.250	600
10146BZ	#6 Wide Block	.250	.730	.30	.149	.303	600
10150BZ*	#8	.250	.730	.344	.175	.303	600
10151BZ*	#8 Snap	.250	.730	.30	.175	.303	600
10152BZ*	#8 Block	.250	.730	.30	.175	.303	600
10158BZ	#8 Slim Block	.250	.710	.260	.175	.303	600
10160BZ*	#10	.250	.730	.344	.205	.303	600
10161BZ*	#10 Snap	.250	.730	.320	.205	.303	600
10162BZ*	#10 Block	.250	.730	.320	.205	.303	600
10165BZ*	1/4	.250	.990	.470	.260	.469	600
All dimens	ions are in I	nches	* =UL and	d CSA li	sted	~ =CSA	listed
<u>Require</u>	d per UL/	CSA Requirer	nents:				
75° C Max.	Temperatu	ire Rating		Crimp	tool HT #20591-NH1		
One crimp	required			Strip L	ength 1/4" (6.4mm)		
Solid or Sti	randed wire			N.4: \A	line Dullant Fanas	16AW0	6 30lbs.
Agency	and Com	pliance:		iviin. v	/ire Pullout Force	14AWG	6 50lbs.
UL Listed,	investigat	ed to UL 486 A-E	B, File NC	. ZMV	V.E68376		•
CSA 22.2 No. 65-03, Certification NO. 207131							

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12-10 A.W.G. Brazed Spades

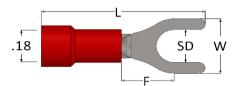
•110 Copper Alloy .038 thickness, Electro-Tin Plated .00025"-.0004"

• Terminal I.D. - .141/.144

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage	
10234BZ	1/4	.250	.990	.470	.260	.469	600	
10241BZ	1/4 Snap	.250	.990	.470	.212	.469	600	
10270BZ*	#6	.250	.720	.350	.149	.294	600	
10271BZ*	#6 Snap	.250	.720	.296	.149	.294	600	
10272BZ*	#6 Block	.250	.720	.296	.149	.294	600	
10280BZ*	#8	.250	.720	.350	.175	.294	600	
10281BZ*	#8 Snap	.250	.720	.325	.175	.294	600	
10282BZ*	#8 Block	.250	.720	.325	.175	.294	600	
10290BZ*	#10	.250	.720	.370	.203	.294	600	
10291BZ*	#10 Snap	.250	.720	.350	.203	.294	600	
10292BZ*	#10 Block	.250	.720	.350	.203	.294	600	
All dimens	ions are in I	nches	* =UL and	d CSA li	sted	~ =CSA	listed	
Required per UL/CSA Requirements:								
	. Temperatu			Crimp	tool HT #20591-NH1			
One crimp	•	0		•	ength 1/4" (6.4mm)			
•	randed wire					12AWC	i 70lbs.	
	and Com			Min. W	/ire Pullout Force	10AWG	i 80lbs.	
		ed to UL 486 A-E				20,000		
	0		•		V.E00370			
CSA 22.2	NO. 65-03,	Certification NC	0. 207131					
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22-18 A.W.G. Vinyl Spades

- Terminal I.D. .078
- •110 Copper Alloy .028 thickness,
- Electro-Tin Plated .0001"-.0003"
- Rigid PVC Insulator .030 wall thickness

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage
50050*	#6	.250	.950	.250	.149	.321	600
50051*	#6 Snap	.250	.950	.250	.149	.321	600
50052*	#6 Block	.250	.950	.250	.149	.321	600
50054	#4	.250	.950	.250	.125	.289	600
50055	#6 Short	.250	.890	.250	.145	.321	600
50056	#6 Block Wide	.250	.890	.30	.149	.321	600
50060*	#8	.250	.950	.312	.175	.321	600
50061*	#8 Snap	.250	.950	.312	.175	.321	600
50062*	#8 Block	.250	.950	.312	.175	.321	600
50068	#8 Slim	.250	.950	.260	.175	.321	600
50070*	#10	.250	.950	.312	.321	600	
50071*	#10 Snap	.250	.950	.312	.321	600	
50072*	#10 Block	.250	.950	.312	.203	.321	600
50075	1/4	.250	1.20	.470	.260	.469	600
All dimens	ions are in I	nches	* =UL and	d CSA li	sted	~ =CSA	listed
Require	d per UL/	CSA Requirer	nents:				
75° C Max	. Temperatu	re Rating		Crimp	tool HT #20592-NH30		
One crimp	required	-		Strip Le	ength 9/32" (7.1mm)		
Solid or St	randed wire					22AWG	8lbs.
Agency	and Com	<u>pliance:</u>		Min. W	/ire Pullout Force	20AWG	13lbs.
UL Listed,	investigat	ed to UL 486 A-E	B, File NC	. ZMV	V.E68376	18AWG	20lbs.
	-	Certification NC					1

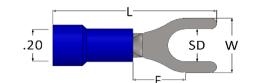
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16-14 A.W.G. Vinyl Spades

• Terminal LD. - .093

•110 Copper Alloy .030 thickness,

Electro-Tin Plated .0001"-.0003"

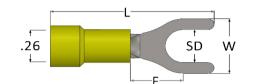
• Rigid PVC Insulator .030 wall thickness

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage
50140*	#6	.250	.930	.250	.150	.303	600
50141*	#6 Snap	.250	.930	.250	.150	.303	600
50142*	#6 Block	.250	.930	.250	.150	.303	600
50144	#4 Block	.250	.890	.250	.125	.250	600
50146	#6 Wide	.250	.950	.30	.149	.303	600
50150*	#8	.250	.950	.344	.175	.303	600
50151*	#8 Snap	.250	.950	.30	.175	.303	600
50152*	#8 Block	.250	.950	.30	.175	.303	600
50158	8 Slim Bloc	.250	.930	.260	.175	.303	600
50160*	#10	.250	.950	.344	.205	.303	600
50161*	#10 Snap	.250	.950	.320	.205	.303	600
50162*	#10 Block	.250	.950	.320	.205	.303	600
50165*	1/4	.250	1.20	.470	.260	.469	600
All dimens	sions are in I	nches	* =UL and	d CSA li	sted	~ =CSA	listed
Require	d per UL/	CSA Requirer	nents:				
75° C Max	. Temperatu	re Rating		Crimp	tool HT #20592-NH30		
One crimp	required	-		Strip Le	ength 9/32" (7.1mm)		
Solid or St	randed wire					16AWC	i 30lbs.
Agency	and Com	oliance:		Min. W	/ire Pullout Force	14AWG	i 50lbs.
			B. File NC). ZMV	V.E68376		
	-	Certification NC					
ING! Installation e. For safe wirin	n of electrical wi g practices, cor	re and terminals can t isult National Electrica	be hazardou al Code and/	s if done or your lo	improperly. Improper use can cal building inspector. A licens and that it is properly and sat	sed electri	cal contractor

All staten be reliable, but the precision or completeness is not definite. Before using this product, you must evaluate it and determine if it is suitable for your intented appplication. You accept all risks and liability associated with such use. Any statements related to the product which ar enot in Hillsdale Terminal's current publications shall have no force or effect unless expressly agreed upon, in writing, by a sanctioned memeber of Hillsdale Terminal



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12-10 A.W.G. Vinyl Spades

- Terminal I.D. .141/.144
- •110 Copper Alloy .038 thickness,
- Electro-Tin Plated .00025"-.0004"
- Rigid PVC Insulator .032 wall thickness

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage		
50234	1/4	.250	1.220	.470	.260	.469	600		
50241	1/4 Snap	.250	1.220	.470	.212	.469	600		
50270*		.250	1.020	.350	.149	.294	600		
50271*	#6 Snap	.250	1.020	.296	.149	.294	600		
50272*	-	.250	1.020	.296	.149	.294	600		
50280*	#8	.250	1.020	.350	.175	.294	600		
50281*	#8 Snap	.250	1.020	.325	.175	.294	600		
50282*	#8 Block	.250	1.020	.325	.175	.294	600		
50290*	#10	.250	1.020	.370	.203	.294	600		
50291*	#10 Snap	.250	1.020	.350	.203	.294	600		
50292*	#10 Block	.250	1.020	.350	.203	.294	600		
All dimer	nsions are in I	nches	* =UL and	d CSA li	sted	~ =CSA	listed	I	
Requir	ed per UL/	CSA Requirer	nents:						
	ix. Temperatu			Crimp	tool HT #20593-NH13				
	p required			•	ength 9/32" (7.1mm)				
	Stranded wire	2				12AW0	G 70lbs.	1	
	and Com			Min. W	/ire Pullout Force	10AW0	G 80lbs.		
		ed to UL 486 A-E			1 569376			i	
	· •	Certification NC			V.E00370				
C3A 22.2	2 NO. 05-05,). 207131	•					
damage. For safe wiri	WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or property damage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or engineer must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.								
but the precision or co appplication. You	ompleteness is n accept all risks a	not definite. Before us and liability associated	ing this proo d with such ect unless e	duct, you use. Any	ale Terminal's products are ba must evaluate it and determ statements related to the pro agreed upon, in writing, by a	ine if it is oduct whi	suitable for y ch ar enot in	our intented Hillsdale	



.18

Hillsdale Terminal

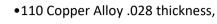
Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

SD

W

22-18 A.W.G. Nylon Spades

property



Electro-Tin Plated .0001"-.0003"

• Terminal I.D. - .078

Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltag
50050N*	#6	.250	.950	.250	.149	.321	600
50051N*	#6 Snap	.250	.950	.250	.149	.321	600
50052N*	#6 Block	.250	.950	.250	.149	.321	600
50054N	#4	.250	.950	.250	.125	.289	600
50055N	#6 Short	.250	.890	.250	.145	.321	600
50056N	#6 Block Wide	.250	.890	.30	.149	.321	600
50060N*	#8	.250	.950	.312	.175	.321	600
50061N*	#8 Snap	.250	.950	.312	.175	.321	600
50062N*	#8 Block	.250	.950	.312	.175	.321	600
50068N	#8 Slim	.250	.950	.260	.175	.321	600
50070N*	#10	.250	.950	.312	.203	.321	600
50071N*	#10 Snap	.250	.950	.312	.203	.321	600
50072N*	#10 Block	.250	.950	.312	.203	.321	600
50075N	1/4	.250	1.20	.470	.260	.469	600
All dimens	ions are in l	nches	* =UL an	d CSA li	sted	~ =CSA	listed
Require	d per UL/	CSA Requirer	nents:				
	Temperatu			Crimp	tool HT #20592-NH30		
One crimp	•	0		•	ength 9/32" (7.1mm)		
Solid or Str	anded wire					22AWG	8lbs.
Agency a	and Com	<u>pliance:</u>		Min. W	/ire Pullout Force	20AWG	13lbs
UL Listed,	investigat	ed to UL 486 A-E	. ZMV	V.E68376	18AWG	20lb	
CSA 22.2							

damage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or engineer must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.

All statements, procedural information, and recommendations related to Hillsdale Terminal's products are based on data believed to be reliable, but the precision or completeness is not definite. Before using this product, you must evaluate it and determine if it is suitable for your intented appplication. You accept all risks and liability associated with such use. Any statements related to the product which ar enot in Hillsdale Terminal's current publications shall have no force or effect unless expressly agreed upon, in writing, by a sanctioned memeber of Hillsdale Terminal



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.20 SD W

16-14 A.W.G. Nylon Spades

•110 Copper Alloy .030 thickness, Electro-Tin Plated .0001"-.0003"

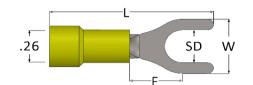
• Terminal I.D. - .093

Dort #	Stud Size	Parral Lancth	Longth	14/	Stud Diamator(CD)	F	Voltage
Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	-	Voltage
50140N*	#6	.250	.930	.250	.150	.303	600
50141N*	#6 Snap	.250	.930	.250	.150	.303	600
50142N*	#6 Block	.250	.930	.250	.150	.303	600
50144N	#4 Block	.250	.890	.250	.125	.250	600
50146N	#6 Wide	.250	.950	.30	.149	.303	600
50150N*	#8	.250	.950	.344	.175	.303	600
50151N*	#8 Snap	.250	.950	.30	.175	.303	600
50152N*	#8 Block	.250	.950	.30	.175	.303	600
50158N	8 Slim Bloc	.250	.930	.260	.175	.303	600
50160N*	#10	.250	.950	.344	.205	.303	600
50161N*	#10 Snap	.250	.950	.320	.205	.303	600
50162N*	#10 Block	.250	.950	.320	.205	.303	600
50165N*	1/4	.250	1.20	.470	.260	.469	600
All dimens	ions are in l	nches	* =UL and	d CSA li	sted	~ =CSA	listed
Require	d per UL/	CSA Requirer	<u>nents:</u>				
75° C Max.	Temperatu	re Rating		Crimp	tool HT #20592-NH30		
One crimp	required			Strip L	ength 9/32" (7.1mm)		
Solid or Sti	randed wire					16AW0	G 30lbs.
Agency	and Com	oliance:		Min. W	/ire Pullout Force	14AW0	5 50lbs.
			B. File NC). 7MV	V.F68376		
	0	Certification NC	•				
	,						
. For safe wiring	g practices, cor	sult National Electrica	al Code and/	or your lo	improperly. Improper use can ocal building inspector. A licen I and that it is properly and sa	sed electr	ical contracto

All statements, procedural information, and recommendations related to Hillsdale Terminal's products are based on data believed to be reliable, but the precision or completeness is not definite. Before using this product, you must evaluate it and determine if it is suitable for your intented appplication. You accept all risks and liability associated with such use. Any statements related to the product which ar enot in Hillsdale Terminal's current publications shall have no force or effect unless expressly agreed upon, in writing, by a sanctioned memeber of Hillsdale Terminal



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12-10 A.W.G. Nylon Spades

•110 Copper Alloy .038 thickness, Electro-Tin Plated .00025"-.0004"

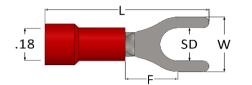
• Terminal I.D. - .141/.144

									1		
	Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage			
	50234N	1/4	.250	1.220	470.0	.260	.469	600			
	50241N	1/4 Snap	.250	1.220	.470	.212	.469	600			
	50270N*	#6	.250	1.020	.350	.149	.294	600			
	50271N*	#6 Snap	.250	1.020	.296	.149	.294	600			
	50272N*	#6 Block	.250	1.020	.296	.149	.294	600			
	50280N*	#8	.250	1.020	.350	.175	.294	600			
	50281N*	#8 Snap	.250	1.020	.325	.175	.294	600			
	50282N*	#8 Block	.250	1.020	.325	.175	.294	600			
	50290N*	#10	.250	1.020	.370	.203	.294	600			
	50291N*	#10 Snap	.250	1.020	.350	.203	.294	600			
	50292N*	#10 Block	.250	1.020	.350	.203	.294	600			
	All dimens	ions are in l	nches	* =UL an	d CSA li	sted	~ =CSA	listed	-		
	Required per UL/CSA Requirements:										
	75° C Max.	Temperatu	re Rating		Crimp	tool HT #20593-NH13					
	One crimp	•	0		•	ength 9/32" (7.1mm)					
		anded wire			-		12AW0	G 70lbs.	1		
	Agency	and Com	oliance:		Min. W	/ire Pullout Force	10AW0	G 80lbs.			
			ed to UL 486 A-E) 7\/\/\	/ F68376			1		
		0	Certification NC	•		v.200570					
	CJA 22.2	10. 05 05,	certification Ne	. 207131	-						
damage.	WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or property damage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or engineer must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.										
but the pr appp	Il statements, procedural information, and recommendations related to Hillsdale Terminal's products are based on data believed to be reliable, but the precision or completeness is not definite. Before using this product, you must evaluate it and determine if it is suitable for your intented appplication. You accept all risks and liability associated with such use. Any statements related to the product which ar enot in Hillsdale Terminal's current publications shall have no force or effect unless expressly agreed upon, in writing, by a sanctioned memeber of Hillsdale Terminal										
			T		1. •11	cdalatarminal com			1100.00		



Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

22-18 A.W.G. 3-Piece Spades



•110 Copper Alloy .028 thickness, Electro-Tin Plated .0001"-.0003"

• Terminal I.D. - .078

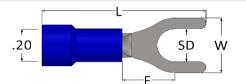
Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage
30050	#6	.250	.930	.250	.149	.321	600
30051	#6 Snap	.250	.930	.250	.149	.321	600
30052	#6 Block	.250	.930	.250	.149	.321	600
30054	#4	.250	.930	.250	.125	.289	600
30055	#6 Short	.250	.930	.250	.145	.321	600
30056	#6 Block Wide	.250	.930	.30	.149	.321	600
30060	#8	.250	.930	.312	.175	.321	600
30061	#8 Snap	.250	.930	.312	.175	.321	600
30062	#8 Block	.250	.930	.312	.175	.321	600
30068	#8 Slim	.250	.930	.260	.175	.321	600
30070	#10	.250	.930	.312	.321	600	
30071	071 #10 Snap .250 .930 .312 .203						600
30072	#10 Block	.250	.930	.312	.203	.321	600
30075	1/4	.250	1.190	.470	.260	.469	600
All dimens	sions are in I	nches	* =UL and	d CSA li	sted	~ =CSA	listed
Require	d per UL/	CSA Requirer	nents:				
75° C Max	. Temperatu	ire Rating		Crimp	tool HT #20592-NH30		
One crimp	required	C C		Strip Le	ength 9/32" (7.1mm)		
Solid or St	randed wire					22AWG	i 8lbs.
Agency	and Com	pliance:		Min. W	/ire Pullout Force	20AWG	6 13lbs.
UL Listed	, investigat	ed to UL 486 A-E	B, File NC	. ZMV	V.E68376	18AWG	i 20lbs.
CSA 22.2 No. 65-03, Certification NO. 207131							

WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or property damage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or engineer must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.

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16-14 A.W.G. 3-Piece Spades

•110 Copper Alloy .030 thickness, Electro-Tin Plated .0001"-.0003"

• Terminal I.D. - .093

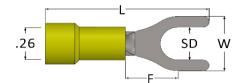
						·			
	Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage	
	30140	#6	.250	.910	.250	.150	.303	600	
	30141	#6 Snap	.250	.910	.250	.150	.303	600	
	30142	#6 Block	.250	.930	.250	.150	.303	600	
	30144	#4 Block	.250	.890	.250	.125	.250	600	
	30146	#6 Wide	.250	.950	.30	.149	.303	600	1
	30150	#8	.250	.970	.344	.175	.303	600	
	30151	#8 Snap	.250	.970	.30	.175	.303	600	
	30152	#8 Block	.250	.970	.30	.175	.303	600	
	30158	8 Slim Bloc	.250	.940	.260	.175	.303	600	
	30160	#10	.250	.940	.344	.205	.303	600	
	30161	#10 Snap	.250	.940	.320	.205	.303	600	
	30162	#10 Block	.250	.940	.320	.205	.303	600	1
	30165	1/4	.250	1.190	.470	.260	.469	600	
	All dimens	sions are in l	nches	* =UL and	d CSA li	sted	~ =CSA	listed	1
	Req <u>uire</u>	d pe <u>r UL</u> /	/CSA Requiren	men <u>ts:</u>					
		. Temperatu			Crimp	tool HT #20592-NH30			
	One crimp	•				ength 9/32" (7.1mm)			
	•	randed wire	د				16AWG	G 30lbs.	
		and Com			Min. W	Vire Pullout Force	14AWG		
			ed to UL 486 A-E			V E68376			1
		-	Certification NO			1.200370			
		NU. 05-05,). 207101	·				
WARNI	NG! Installatior	1 of electrical w	vire and terminals can !	be hazardou	us if done	improperly. Improper use can	result in r	personal injury	or proper
						ocal building inspector. A licens			
mus	t be consulted t	to determine th	at the correct wire and	d terminal siz	ze is usec	d and that it is properly and safe	ely installe	ed for all appli	cations.
						ale Terminal's products are ba			
•		•				u must evaluate it and determine			
		•	•		•	statements related to the pro			
Termin	ial's current pu	Iblications snai	I have no force or em		expressly a rminal	agreed upon, in writing, by a s	Sanctione	d memeber o	if Hilisua
					minar				



Hillsdale Terminal

Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

12-10 A.W.G. 3-Piece Spades



•110 Copper Alloy .038 thickness, Electro-Tin Plated .00025"-.0004"

• Terminal I.D. - .141/.144

	b			-					-
	Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage	
	30234	1/4	.250	1.190	.470	.260	.469	600	
	30241	1/4 Snap	.250	1.30	.470	.212	.469	600	
	30270	#6	.250	1.020	.350	.149	.294	600	
	30271	#6 Snap	.250	1.020	.296	.149	.294	600	
	30272	#6 Block	.250	1.020	.296	.149	.294	600	
	30280	#8	.250	1.020	.350	.175	.294	600	
	30281	#8 Snap	.250	1.020	.325	.175	.294	600	
	30282	#8 Block	.250	1.020	.325	.175	.294	600	
	30290	#10	.250	1.020	.370	.203	.294	600	
	30291	#10 Snap	.250	1.020	.350	.203	.294	600	
	30292	#10 Block	.250	1.020	.350	.203	.294	600	
	All dimens	ions are in I	nches	* =UL and	d CSA li	sted	~ =CSA	listed	-
	Required per UL/CSA Requirements:								
	75° C Max.	Temperatu	ire Rating		Crimp	tool HT #20593-NH13			
	One crimp	•	U U		Strip Le	ength 9/32" (7.1mm)			
	Solid or Sti	randed wire					12AW0	G 70lbs.]
	Agency	and Com	oliance:		Min. W	/ire Pullout Force	10AW0	3 80lbs.	1
			ed to UL 486 A-I	3 File NC) 71/1//	/ F68376			1
		0	Certification NC			v.200570			
	CJA 22.2	NO. 05 05,	certification Ne	. 207131	-				
damage.	WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or property damage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or engineer must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.								
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			Tarma and Candi	tions at w		sdaleterminal com			110345



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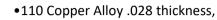
Hillsdale Terminal

Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

SD

W

22-18 A.W.G. Heat Shrink Spades



Electro-Tin Plated .0001"-.0003"

• Terminal I.D. - .078

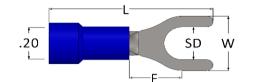
Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage
40050	#6	.250	1.20	.250	.149	.321	600
40051	#6 Snap	.250	1.20	.250	.149	.321	600
40052	#6 Block	.250	1.20	.250	.149	.321	600
40054	#4	.250	1.20	.250	.125	.289	600
40055	#6 Short	.250	1.140	.250	.145	.321	600
40056	#6 Block Wide	.250	1.20	.30	.149	.321	600
40060	#8	.250	1.20	.312	.175	.321	600
40061	#8 Snap	.250	1.20	.312	.175	.321	600
40062	#8 Block	.250	1.20	.312	.175	.321	600
40068	#8 Slim	.250	1.20	.260	.175	.321	600
40070	#10	.250	1.20	.312	.203	.321	600
40071	#10 Snap	.250	1.20	.312	.203	.321	600
40072	#10 Block	.250	1.20	.312	.203	.321	600
40075	1/4	.250	1.20	.470	.260	.469	600
All dimens	ions are in I	nches	* =UL and	d CSA li	sted	~ =CSA	listed
Require	d per UL/	CSA Requirer	nents:				
	. Temperatu			Crimp	tool HT #20596		
One crimp	-	0			ength 9/32" (7.1mm)		
•	randed wire			•		22AWC	6 8lbs.
Agency	and Com	oliance:		Min. W	/ire Pullout Force	20AW0	6 13lbs.
		·	B, File NC). ZMV	V.E68376	18AW0	6 20lbs.
UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 [18AWG 20lbs.] CSA 22.2 No. 65-03, Certification NO. 207131							

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16-14 A.W.G. Heat Shrink Spades



•110 Copper Alloy .030 thickness,

Electro-Tin Plated .0001"-.0003"

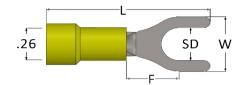
• Terminal I.D. - .093

	Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage	1
	40140	#6	.250	1.180	.250	.150	.303	600	
	40141	#6 Snap	.250	1.180	.250	.150	.303	600	
	40142	#6 Block	.250	1.180	.250	.150	.303	600	
	40144	#4 Block	.250	1.140	.250	.125	.250	600	
	40146	#6 Wide	.250	1.20	.30	.149	.303	600	
	40150	#8	.250	1.20	.344	.175	.303	600	
	40151	#8 Snap	.250	1.20	.30	.175	.303	600	1
	40152	#8 Block	.250	1.20	.30	.175	.303	600	
	40158	8 Slim Bloc	.250	1.20	.260	.175	.303	600	
	40160	#10	.250	1.20	.344	.205	.303	600	
	40161	#10 Snap	.250	1.20	.320	.205	.303	600	
	40162	#10 Block	.250	1.20	.320	.205	.303	600	
	40165	1/4	.250	1.450	.470	.260	.469	600	
	All dimens	ions are in I	nches	* =UL and	d CSA li	sted	~ =CSA	listed	
	Require	d per UL/	CSA Requirer	nents:					
	75° C Max.	Temperatu	ire Rating		Crimp	tool HT #20596			
	One crimp	required			Strip Le	ength 9/32" (7.1mm)			
	Solid or Str	randed wire			N. 4		16AWG	i 30lbs.	
	Agency	and Com	pliance:		iviin. W	/ire Pullout Force	14AWG	50lbs.	
			 ed to UL 486 A-E	B. File NC). ZMV	V.E68376			1
		0		•					
CSA 22.2 No. 65-03, Certification NO. 207131 WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or property damage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or engineer must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.									
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Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

12-10 A.W.G. Heat Shrink Spades



•110 Copper Alloy .038 thickness, Electro-Tin Plated .00025"-.0004"

• Terminal I.D. - .141/.144

									_
	Part #	Stud Size	Barrel Length	Length	W	Stud Diameter(SD)	F	Voltage	
	40234	1/4	.250	1.50	470.0	.260	.469	600	
	40241	1/4 Snap	.250	1.50	.470	.212	.469	600	
	40270	#6	.250	1.250	.350	.149	.294	600	
	40271	#6 Snap	.250	1.250	.296	.149	.294	600	
	40272	#6 Block	.250	1.250	.296	.149	.294	600	
	40280	#8	.250	1.250	.350	.175	.294	600	
	40281	#8 Snap	.250	1.250	.325	.175	.294	600	
	40282	#8 Block	.250	1.250	.325	.175	.294	600	
	40290	#10	.250	1.250	.370	.203	.294	600	
	40291	#10 Snap	.250	1.250	.350	.203	.294	600	
	40292	#10 Block	.250	1.250	.350	.203	.294	600	
	All dimens	ions are in I	nches	* =UL an	d CSA li	sted	~ =CSA	listed	•
	Required per UL/CSA Requirements:								
		Temperatu			Crimp	tool HT #20596			
	One crimp	•				ength 9/32" (7.1mm)			
	•	randed wire			-		12AW0	G 70lbs.	1
		and Com			Min. W	/ire Pullout Force	10AW0		
			ed to UL 486 A-F			1 560276	10/ 111]
		0				V.E00370			
	CSA ZZ.Z	NO. 05-03,	Certification NC). 207131	_				
WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or property damage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or engineer must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.									
but the pr apppl	All statements, procedural information, and recommendations related to Hillsdale Terminal's products are based on data believed to be reliable, but the precision or completeness is not definite. Before using this product, you must evaluate it and determine if it is suitable for your intented appplication. You accept all risks and liability associated with such use. Any statements related to the product which ar enot in Hillsdale Terminal's current publications shall have no force or effect unless expressly agreed upon, in writing, by a sanctioned memeber of Hillsdale Terminal								
	Towned and Conditions at www.billedelaterminel.com								



Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

Uninsulated Butts

- 110 Copper Alloy Butted Seam
- 102 Copper Alloy Seamless
- Electro-Tin plated terminal .00025"-.0004"

Part #	A.W.G.	Length	Term I.D.	Insulator Bell I.D.	Material Thickness	Crimp Tool
10080*	22-18	0.56	0.077	NA	0.028	20591-NH1
10170*	16-14	0.56	0.092	NA	0.03	20591-NH1
10310*	12-10	0.625	0.14	NA	0.036	20591-NH1
10624~	8 Seamless	0.827	0.177	NA	0.049	20701 or 20702
10625~	6 Seamless	1.03	0.236	NA	0.058	20701 or 20702
10626~	4 Seamless	1.14	0.3	NA	0.07	20701 or 20702
10627~	2 Seamless	1.25	0.37	NA	0.072	20701 or 20702
10083~	22-18 Seamless	0.565	0.073	NA	0.03	20591-NH1
10173~	16-14 Seamless	0.565	0.092	NA	0.03	20591-NH1
10313~	12-10 Seamless	0.625	0.14	NA	0.036	20591-NH1
10313L~	12-10 Seamless	0.81	0.142	NA	0.035	20591-NH1
	ions ara in Inchas		* - 111 and C		~ -CCA listed	

All dimensions are in Inches

* =UL and CSA listed

~ =CSA listed

Required per UL/CSA Requirements:	Min. Wire Pullout Force			
75° C Max. Temperature Rating	8AWG: 90lbs.	22AWG: 8lbs.		
One crimp required	6AWG: 100lbs.	20AWG: 13lbs.		
Solid or Stranded wire	4AWG: 140lbs.	18AWG: 20lbs.		
	2AWG: 180lbs.	16AWG: 30lbs.		
Agency and Compliance:		14AWG: 50lbs.		
UL Listed, investigated to UL 486 A-B, File NO. ZMVV	′.E68376	12AWG: 70lbs.		
CSA 22.2 No. 65-03, Certification NO. 207131		10AWG: 80lbs.		

WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or property damage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or engineer must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.

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Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

Vinyl Extruded Butts

- 110 Copper Alloy Butted Seam
- 102 Copper Alloy Seamless
- Electro-Tin plated terminal .00025"-.0004"

Part #	A.W.G.	Length	Term I.D.	Insulator Bell I.D.	Material Thickness	Crimp Tool
20080*	22-18	0.97	0.077	0.16	0.028	20592-NH30
20170*	16-14	0.97	0.092	0.18	0.03	20592-NH30
20310*	12-10	1.06	0.14	0.235	0.036	20593-NH13
20624~	8 Seamless	1.46	0.177	0.32	0.072	20701 or 20702
20625~	6 Seamless	1.74	0.236	0.395	0.072	20701 or 20702
20626~	4 Seamless	1.93	0.3	0.5	0.072	20701 or 20702
20627~	2 Seamless	2.25	0.37	0.56	0.072	20701 or 20702
20080SV~	22-18 Seamless	0.97	0.073	0.16	0.03	20592-NH30
20170SV~	16-14 Seamless	0.97	0.092	0.18	0.03	20592-NH30
20310SV~	12-10 Seamless	1.06	0.14	0.235	0.036	20593-NH13

All dimensions are in Inches

* =UL and CSA listed

~ =CSA listed

<u>Required per UL/CSA Requirements:</u>	Min. Wire	Min. Wire Pullout Force			
75° C Max. Temperature Rating	8AWG: 90lbs.	22AWG: 8lbs.			
One crimp required	6AWG: 100lbs.	20AWG: 13lbs.			
Solid or Stranded wire	4AWG: 140lbs.	18AWG: 20lbs.			
	2AWG: 180lbs.	16AWG: 30lbs.			
Agency and Compliance:		14AWG: 50lbs.			
UL Listed, investigated to UL 486 A-B, File NO. Z	MVV.E68376	12AWG: 70lbs.			
CSA 22.2 No. 65-03, Certification NO. 207131		10AWG: 80lbs.			

WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or property damage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or engineer must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.

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Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

Nylon Extruded Butts

- 110 Copper Alloy Butted Seam
- 102 Copper Alloy Seamless
- Electro-Tin plated terminal .00025"-.0004"

Part #	A.W.G.	Length	Term I.D.	Insulator Bell I.D.	Material Thickness	Crimp Tool
20081	22-18	0.97	0.077	0.16	0.028	20592-NH30
20171	16-14	0.97	0.092	0.18	0.03	20592-NH30
20311	12-10	1.06	0.14	0.235	0.036	20593-NH13
20624N~	8 Seamless	1.46	0.177	0.32	0.072	20701 or 20702
20625N~	6 Seamless	1.74	0.236	0.395	0.072	20701 or 20702
20626N~	4 Seamless	1.93	0.3	0.5	0.072	20701 or 20702
20627N~	2 Seamless	2.25	0.37	0.56	0.072	20701 or 20702
20083S~	22-18 Seamless	0.97	0.073	0.16	0.03	20592-NH30
20173S~	16-14 Seamless	0.97	0.092	0.18	0.03	20592-NH30
20313S~	12-10 Seamless	1.06	0.14	0.235	0.036	20593-NH13

All dimensions are in Inches

* =UL and CSA listed

~ =CSA listed

Required per UL/CSA Requirements:	
75° C Max. Temperature Rating	8AWG
One crimp required	6AWG

Min. Wire Pullout Force					
8AWG: 90lbs.	22AWG: 8lbs.				
6AWG: 100lbs.	20AWG: 13lbs.				
4AWG: 140lbs.	18AWG: 20lbs.				
2AWG: 180lbs.	16AWG: 30lbs.				
	14AWG: 50lbs.				
′V.E68376	12AWG: 70lbs.				
	10AWG: 80lbs.				

Agency and Compliance:

Solid or Stranded wire

UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131

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Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

Nylon Molded Butts

- 110 Copper Alloy Butted Seam
- 102 Copper Alloy Seamless
- Electro-Tin plated terminal .00025"-.0004"

Part #	A.W.G.	Length	Term I.D.	Insulator Bell I.D.	Material Thickness	Crimp Tool
50081	22-18	0.985	0.077	0.165	0.028	20592-NH30
50171	16-14	0.985	0.092	0.195	0.03	20592-NH30
50311	12-10	1.07	0.14	0.27	0.036	20593-NH13
20083	22-18 Seamless	0.985	0.073	0.165	0.03	20592-NH30
20173	16-14 Seamless	0.985	0.092	0.195	0.03	20592-NH30
20313	12-10 Seamless	1.07	0.14	0.27	0.036	20593-NH13

All dimensions are in Inches

* =UL and CSA listed

~ =CSA listed

Required per UL/CSA Requirements:

75° C Max. Temperature Rating One crimp required Solid or Stranded wire

Agency and Compliance:

UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131

Min. Wire Pullout Force			
22AWG: 8lbs.			
20AWG: 13lbs.			
18AWG: 20lbs.			
16AWG: 30lbs.			
14AWG: 50lbs.			
12AWG: 70lbs.			
10AWG: 80lbs.			
	-		

WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or property damage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or engineer must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.

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Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

Heat Shrink Butts

- 102 Copper Alloy Seamless
- Electro-Tin plated terminal .00025"-.0004"

Part #	A.W.G.	Length	Term I.D.	Insulator Bell I.D.	Material Thickness
*20082	22-18	1.50	0.072	0.18	0.030
*20172	16-14	1.50	0.097	0.22	0.032
*20312	12-10	1.70	0.142	0.27	0.038
*40624	8	1.88	0.177	0.33	0.050

All dimensions are in Inches

* =UL Listed

Required per UL/CSA Requirements:	Min. Wire Pullout Force
75° C Max. Temperature Rating	22AWG: 8lbs.
One crimp required	20AWG: 13lbs.
Solid or Stranded wire	18AWG: 20lbs.
Crimp tool HT #20596	16AWG: 30lbs.
Strip Length 9/32" (7.1mm)	14AWG: 50lbs.
Agency and Compliance:	12AWG: 70lbs.
UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376	10AWG: 80lbs.
	8AWG: 90lbs.

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Phone: 1-800-447-3150 Email: sales@hillsdaleterminal.com

Economy Butts

- 110 Copper Alloy Butted Seam
- 102 Copper Alloy Seamless
- Electro-Tin plated terminal .00025"-.0004"

Part #	A.W.G.	Length	Term I.D.	Insulator Bell I.D.	Material Thickness	Crimp Tool
10080E	22-18	0.56	0.077	0.16	0.02	20592-NH30
10170E	16-14	0.56	0.092	0.18	0.02	20592-NH30
10310E	12-10	0.625	0.14	0.235	0.03	20593-NH13
20080E	22-18	0.97	0.073	0.16	0.02	20592-NH30
20170E	16-14	0.97	0.092	0.18	0.02	20592-NH30
20310E	12-10	1.06	0.14	0.235	0.03	20593-NH13
All dimensi	mensions are in Inches * =UL and CSA listed		SA listed	~ =CSA listed		

All dimensions are in Inches

Required per UL/CSA Requirements:

75° C Max. Temperature Rating One crimp required Solid or Stranded wire

Agency and Compliance:

UL Listed, investigated to UL 486 A-B, File NO. ZMVV.E68376 CSA 22.2 No. 65-03, Certification NO. 207131

Min. Wire Pullout Force			
22AWG: 8lbs.			
20AWG: 13lbs.			
18AWG: 20lbs.			
16AWG: 30lbs.			
14AWG: 50lbs.			
12AWG: 70lbs.			
10AWG: 80lbs.			

WARNING! Installation of electrical wire and terminals can be hazardous if done improperly. Improper use can result in personal injury or property damage. For safe wiring practices, consult National Electrical Code and/or your local building inspector. A licensed electrical contractor or engineer must be consulted to determine that the correct wire and terminal size is used and that it is properly and safely installed for all applications.

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