Product Facts

- **Product available in temperature ranges of 500°F [260°C], 550°F [288°C], 650°F [343°C] and 1200°F [649°C]**
- **Product employs the famous "W" and "C" crimp**
- **Wide range of wire sizes**
- **Complete line of related application tooling**
- **Accommodates solid and/or stranded conductors**



AMP Photo #103097

Heat…extreme heat…searing temperatures up to 1200°F [649°C]. This is one of the most challenging environments that electrical/electronic circuitry has ever entered.

If heat is an unavoidable dimension in your circuit design and production, this product is an important ally. In this AMP line of STRATO-THERM terminals and splices, you'll find high temperature circuit hardware. You'll also find solutions to other more familiar circuit problems such as vibration, corrosion and flash-over, when they occur at high temperatures.

Different types of high temperature terminals and splices found in this catalog are as follows:

PIDG Terminals and Splices, and Pre-Insulated Spare Wire Caps — 550°F [288°C] Range

PIDG Insulation Restriction Terminals — 550°F [288°C] Range

Post-Insulated Terminals and Splices — 550°F [288°C] Range

Uninsulated Terminals and Splices — 650°F [343°C] Range

Uninsulated Terminals and Splices — 1200°F [649°C] Range

Need more information?

Call the AMP Product Information Center:
1-800-522-6752

The Product Information Center is staffed with specialists well versed in all AMP products. The Center can provide you with:

- Technical Support
- Catalogs
- Technical Documents
- Product Samples
- AMP Authorized Distributor Locations

Specifications subject to change. Consult AMP Incorporated for latest design specifications.

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For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Product Information Center 1-800-522-6752.
Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.
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Introduction

PIDG Terminals and Splices, and Pre-Insulated Spare Wire Caps 550°F [288°C] Range



Designed for reliable performance up to 550°F [288°C], this line of ring-tongue terminals, butt splices and spare wire caps features a pre-insulation sleeve of TEFLON TFE insulation material. A special funnel entry feature has been added to assure easy entry and proper seating of wire. The body is copper with a choice of gold over nickel plating or nickel plating. The terminal and splice barrel accommodates stranded wire conductors only. The spare wire caps are designed for unstripped wire.

PIDG Insulation Restriction Terminals 550°F [288°C] Range



These pre-insulated insulation restriction terminals prevent the insulation of thin-wall insulation wire from entering the terminal's wire crimp area during the crimping process.

Designed for reliable performance up to 550°F [288°C], these terminals feature a pre-insulation sleeve of TEFLON (TFE) insulation material.

Because of features such as a one-piece constructed inner sleeve and a wide funnel entry design which facilitates wire entry, standard STRATO-THERM PIDG tooling may be used to terminate this product.

Post-Insulated Terminals and Splices 550°F [288°C] Range



The temperature range of these terminals and splices is 550°F [288°C] for nickel plating and gold over nickel plated copper, and 500°F [260°C] for silver plating, These terminals and splices accommodate solid and/or stranded conductors.

Uninsulated Terminals and Splices 650°F [343°C] Range



These terminals and splices are available with and without wire insulation support. Both types are manufactured from electrolytic copper, plated with nickel. In the insulation support type, the support sleeve is fabricated from nickel-silver alloy. Both types accommodate solid or stranded conductors in various combinations. Wire size range is listed in the tabular data section.

Uninsulated Terminals and Splices 1200°F [649°C] Range



Nickel material is used for the body of both the terminal and splice. They are available with or without wire insulation support sleeve of nickel-silver alloy material. Accommodating either solid or stranded conductors in different combinations, these terminals and splices are made to cover a broad wire size range, listed in the tabular data section.

Terminals made of alumel and chromel material with nickel-silver alloy sleeves are available for thermocouple applications. When using either alumel or chromel conductors, a terminal of the same material should be selected.

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Introduction (Continued)

Ordering Information

All terminals and splices are listed according to wire size and type of terminal or splice. If the part number of the terminal or splice is known, refer to the Numerical Index, at the back of this catalog, for page location of tabular data.

In the Tabular Data Section, part numbers are available in either loose piece or tape mounted form.

When ordering tape mounted part numbers, specify the terminal or splice part number, the total quantity of parts desired (if applicable). The chart to the right lists by wire size the type of packaging available and the quantity per package.

Wire Range	Standard Quantities	
AWG	Loose Piece	Tape Mounted
26–14	1,000	5,000
26–22	—	2,500
12–10	500	2,500
8, 6, 4	100	—
2, 1/0	50	—

Note: Package quantities may vary with specific part numbers.

The Crimp

All five types of STRATO-THERM terminals and splices provide optimum corrosion and vibration resistance plus outstanding tensile characteristics.

All types, except the STRATO-THERM PIDG terminals, splices and pre-insulated spare wire caps, employ the famous "W" crimp which creates the precise electromechanical properties necessary for solid and/or stranded conductor combinations. A proper crimp will provide a uniform and permanent attachment. When mechanical pressure is applied to the terminal barrel, the wire inside is forced into the serrations or dimples of the barrel. Shown are four typical photomacrographs of the "W" crimp, illustrating the results of crimping various conductor combinations. In each case, the action of the crimp has compressed the conductors and the barrel into a homogenous mass.

"W" Crimp



One Solid



One Solid
Two Stranded



Two Solid



One Stranded

STRATO-THERM PIDG terminals and splices employ the equally reliable confined "C" crimp plus multiple position insulation support crimp for today's smaller insulated wires. This "C" crimp is especially suited to crimping the terminal barrel and insulation sleeve to stranded wire conductors. The photomacrograph shows the results of "C" crimping. Virtually the same electromechanical properties are obtained as in the "W" crimp. Pre-insulated spare wire caps and post-insulated splices are crimped with an "O" crimp configuration.

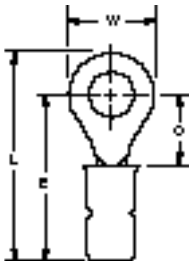
Confined C



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Insulated Terminals and Splices

PIDG (Pre-Insulated Diamond Grip) Ring Tongue Terminals



Temperature Rating, Material and Finish

Insulation — TEFLON

Terminal Body — Copper per ASTM B152

Plating — Nickel per QQ-N-290, 550°F [288°C]. Gold per MIL-G-45204 over Nickel per QQ-N-290 500°F [260°C]

Metallic Sleeve — Copper per ASTM B152

Plating — Nickel per QQ-N-290, 550°F [288°C]

Related Product Data

Application Tooling — pages 17-21

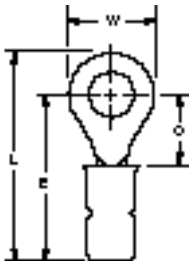
Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Body Plating[1]	Part Numbers Loose Piece	Tape Mounted
26-24 238-475 [0.12-0.24]	**.020** 0.51	4	**.203** 5.16	**.211** 5.36	**.542** 13.77	**.646** 16.41	Black	**.082** 2.08	Nickel	50829	—
		6 M3.5	**.250** 6.35	**.281** 7.14	**.612** 15.54	**.740** 18.80	Black	**.082** 2.08	Nickel	50830	—
22-20 509-1,290 [0.26-0.65]	**.025** 0.64	4	**.281** 7.14	**.250** 6.35	**.631** 16.03	**.774** 19.66	Green	**.100** 2.54	Nickel	50831	—
		6 M3.5	**.281** 7.14	**.250** 6.35	**.631** 16.03	**.774** 19.66	Green	**.100** 2.54	Nickel	50831-1	—
			.281 7.14	**.250** 6.35	**.631** 16.03	**.774** 19.66	Green	**.100** 2.54	Gold	1-332433-0	—
		8 M4	**.312** 7.92	**.281** 7.14	**.662** 16.81	**.821** 20.85	Green	**.100** 2.54	Nickel	50832	50832-2
			.312 7.92	**.281** 7.14	**.662** 16.81	**.821** 20.85	Green	**.100** 2.54	Gold	332434	—
		10	**.312** 7.92	**.281** 7.14	**.662** 16.81	**.821** 20.85	Green	**.100** 2.54	Nickel	50832-1	50832-3
			.312 7.92	**.281** 7.14	**.662** 16.81	**.821** 20.85	Green	**.100** 2.54	Gold	1-332434-0	—
18-16 1,600-2,800 [0.81-1.42]	**.033** 0.84	4	**.218** 5.54	**.156** 3.96	**.560** 14.22	**.672** 17.07	Orange	**.135** 3.43	Nickel	50834	—
		6 M3.5	**.281** 7.14	**.250** 6.35	**.654** 16.61	**.797** 20.24	Orange	**.135** 3.43	Nickel	50835	50835-1
			.281 7.14	**.250** 6.35	**.654** 16.61	**.797** 20.24	Orange	**.135** 3.43	Gold	332453	—
		8 M4	**.312** 7.92	**.281** 7.14	**.685** 17.40	**.844** 21.44	Orange	**.135** 3.43	Nickel	50836	—
			.312 7.92	**.281** 7.14	**.685** 17.40	**.844** 21.44	Orange	**.135** 3.43	Gold	332454	—
		10	**.312** 7.92	**.281** 7.14	**.685** 17.40	**.844** 21.44	Orange	**.135** 3.43	Nickel	50836-1	50836-3
			.312 7.92	**.281** 7.14	**.685** 17.40	**.844** 21.44	Orange	**.135** 3.43	Gold	1-332454-0	—
		1/4 M6	**.468** 11.89	**.437** 11.10	**.841** 21.36	**1.078** 27.38	Orange	**.135** 3.43	Nickel	50837	—
		3⁄8	**.531** 13.49	**.531** 13.49	**.924** 23.47	**1.192** 30.28	Orange	**.135** 3.43	Nickel	50838	—
14 4,234 [2.15]	**.033** 0.84	6 M3.5	**.250** 6.35	**.171** 4.34	**.575** 14.61	**.703** 17.86	White	**.150** 3.81	Nickel	50839-1	—
			.250 6.35	**.171** 4.34	**.575** 14.61	**.703** 17.86	White	**.150** 3.81	Gold	1-332438-0	—
		8 M4	**.343** 8.71	**.281** 7.14	**.685** 17.40	**.859** 21.82	White	**.150** 3.81	Nickel	50840	—
		10	**.343** 8.71	**.281** 7.14	**.685** 17.40	**.859** 21.82	White	**.150** 3.81	Nickel	50840-1	—
			.343 8.71	**.281** 7.14	**.685** 17.40	**.859** 21.82	White	**.150** 3.81	Gold	1-332439-0	—
		1/4 M6	**.468** 11.89	**.437** 11.10	**.841** 21.36	**1.078** 27.38	White	**.150** 3.81	Nickel	50841	—

[1]Nickel plated parts are to be used with nickel plated wire. Gold plated parts are to be used with silver plated wire.
Note: "C" dimension applies from edge of metal wire barrel to center of stud hole.

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Insulated Terminals and Splices (Continued)

PIDG (Pre-Insulated Diamond Grip) Ring Tongue Terminals (Continued)



Temperature Rating, Material and Finish

Insulation — TEFLON

Terminal Body — Copper per ASTM B152

Plating — Nickel per QQ-N-290, 550°F [288°C]. Gold per MIL-G-45204 over Nickel per QQ-N-290 500°F [260°C]

Metallic Sleeve — Copper per ASTM B152

Plating — Nickel per QQ-N-290, 550°F [288°C]

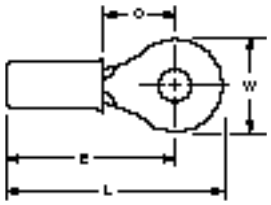
Related Product Data

Application Tooling — pages 17-21

Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Body Plating[1]	Part Numbers Loose Piece	Part Numbers Tape Mounted
12-10 5,180-13,100 [2.62-6.64]	**.042** 1.07	4	**.281** 7.14	**.219** 5.56	**.794** 20.17	**.937** 23.80	Black	**.214** 5.44	Nickel	50844	—
		6 M3.5	**.375** 9.53	**.302** 7.67	**.893** 22.68	**1.083** 27.51	Black	**.214** 5.44	Nickel	50845	—
		8 M4	**.375** 9.53	**.302** 7.67	**.893** 22.68	**1.083** 27.51	Black	**.214** 5.44	Nickel	50845-1	—
		10	**.375** 9.53	**.302** 7.67	**.893** 22.68	**1.083** 27.51	Black	**.214** 5.44	Nickel	50845-2	—
			.375 9.53	**.302** 7.67	**.893** 22.68	**1.083** 27.51	Black	**.214** 5.44	Gold	1-332446-1	—
		1/4 M6	**.531** 13.49	**.437** 11.10	**1.012** 25.70	**1.280** 32.51	Black	**.214** 5.44	Nickel	50846	—
		5/16 M8	**.531** 13.49	**.468** 11.89	**1.059** 26.90	**1.327** 33.71	Black	**.214** 5.44	Nickel	50847	—
		3/8	**.593** 15.06	**.531** 13.49	**1.106** 28.09	**1.405** 35.69	Black	**.214** 5.44	Nickel	50848	—

[1]Nickel plated parts are to be used with nickel plated wire. Gold plated parts are to be used with silver plated wire.
Note: "C" dimension applies from edge of metal wire barrel to center of stud hole.

PIDG (Pre-Insulated Diamond Grip) Ring Tongue Terminals (Insulation Restricting)



Temperature Rating, Material and Finish

Insulation — TEFLON

Terminal Body and Metallic Sleeve — Copper per ASTM B152

Plating — Nickel per QQ-N-290, 550°F [288°C]

Related Product Data

Application Tooling — pages 17-21

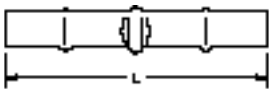
Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece
24 475 [0.24]	**.020** 0.51	10	**.300** 7.62	**.281** 7.14	**.652** 16.56	**.807** 20.50	Blue	**.055** 1.40	55114-1
22 754 [0.38]	**.025** 0.64	4	**.281** 7.14	**.250** 6.35	**.666** 16.92	**.809** 20.55	Green	**.110** 2.79	53572-1
12 6,654 [3.37]	**.042** 1.07	10	**.375** 9.53	**.302** 7.67	**.933** 23.70	**1.123** 28.52	Yellow	**.200** 5.08	53587-1

Note: "C" dimension applies from edge of metal wire barrel to center of stud hole.

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Specifications subject to change. Consult AMP for latest specifications.

Insulated Terminals and Splices (Continued)

Pre-Insulated Butt Splices



Temperature Rating, Material and Finish

Insulation — TEFLON

Splice Body — Copper per ASTM B152

Plating — Gold per MIL-G-45204 over Nickel per QQ-N-290, 500°F [260°C]

Metallic Sleeve — Copper per ASTM B152

Plating — Nickel per QQ-N-290, 550°F [288°C]

Related Product Data

Application Tooling — pages 17-21

Wire Size Circular Mils [mm²]	Dimension L Max.	Metallic Sleeve Color	Wire Insulation Diameter Max.	Part Numbers Loose Piece
22-20 509-1,290 [0.26-0.65]	**1.156** 29.36	Natural	**.100** 2.54	330377
18-16 1,600-2,800 [0.81-1.42]	**1.531** 38.89	Red	**.140** 3.56	330378
14-12 3,831-6,654 [1.94-3.37]	**1.781** 45.24	Blue	**.170** 4.32	330379

Pre-Insulated Spare Wire Caps (For Unstripped Wire)



Temperature Rating, Material and Finish

Insulation — TEFLON

Ring — Copper per ASTM B152

Plating — Nickel per QQ-N-290, 550°F [288°C]

Related Product Data

Application Tooling — shown this page



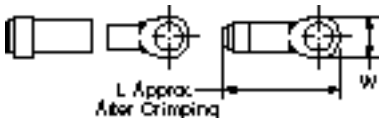
Tool Part No. 69272-1

Wire Insulation Diameter Range	Dimension L Max.	Ring Color	Part Numbers	Tool Color Guide
.036 – .043 0.91–1.09	**.500** 12.70	Red and Green	328854	Green
.044 – .051 1.12–1.30	**.500** 12.70	Blue and Green	328855	Green
.052 – .056 1.32–1.42	**.500** 12.70	Yellow and Green	328856	Green
.056 – .064 1.42–1.63	**.500** 12.70	Brown and Green	328857	Green
.065 – .074 1.65–1.88	**.500** 12.70	Violet and Green	328858	Green
.075 – .087 1.91–2.21	**.500** 12.70	Black and Orange	328859	Orange
.088 – .110 2.24–2.79	**.500** 12.70	Gray and Orange	328860	Orange
.125 – .138 3.18–3.51	**.500** 12.70	Nickel and Nickel	328861	White

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Insulated Terminals and Splices (Continued)

Post-Insulated Ring Tongue Terminals



Temperature Rating, Material and Finish

Insulation — TEFLON

Terminal Body — Copper per ASTM B152

Plating — Silver per QQ-S-365, 500°F [260°C], Gold per MIL-G-45204 over Nickel per QQ-N-290, 500°F [260°C]

Ring — Copper per ASTM B152, Aluminum per QQ-A-250/1

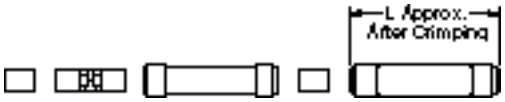
Plating — Nickel per QQ-N-290, 550°F [288°C]

Related Product Data

Application Tooling — pages 17-21

Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	Dimensions L Dim. Approx. (After Crimping)	Body Plating	Ring Material	Ring Plating	Ring Color Code	Wire Insulation Diameter Range	Part No. Loose Piece
22-20 509-1,290 [0.26-0.65]	**.025** 0.64	8 M4	**.312** 7.92	**.906** 23.01	Silver	Copper	Nickel	Natural	**.046-.063** 1.17-1.60	326760
8 13,100-20,800 [6.64-10.5]	**.051** 1.30	10	**.469** 11.91	**1.560** 39.62	Gold	Aluminum	—	Red	**.215-.255** 5.46-6.48	329580
6 20,800-33,100 [10.5-16.8]	**.060** 1.52	10	**.468** 11.89	**1.870** 47.50	Gold	Aluminum	—	Blue	**.270-.310** 6.86-7.87	329583

Post-Insulated Splices



Temperature Rating, Material and Finish

Insulation — TEFLON

Bushing — TEFLON

Splice Body — Copper per ASTM B152

Plating — Gold per MIL-G-45204 over Nickel per QQ-N-290, 500°F [260°C], Nickel per QQ-N-290, 550°F [288°C], Silver per QQ-S-365, 500°F [260°C]

Ring — Aluminum per QQ-A-250/1, Copper per ASTM B152

Plating — Nickel per QQ-N-290, 550°F [288°C]

Related Product Data

Application Tooling — pages 17-21

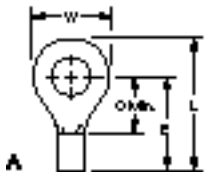
Wire Size Circular Mils [mm²]	Dimension L Dim. Approx. (After Crimping)	Splice Plating	Ring Material	Ring Plating	Ring Color Code	Wire Insulation Diameter Range	Part No. Loose Piece
26-24 238-475 [0.12-0.24]	**.937** 23.80	Gold	Aluminum	—	Yellow	**.040-.050** 1.02-1.27	324370
22-20 509-1,290 [0.26-0.65]	**1.062** 26.97	Silver	Copper	Nickel	Natural	**.080-.100** 2.03-2.54	326835[1]
	1.650 41.91	Nickel	Aluminum	—	Red	**.050-.068** 1.27-1.73	55235-1
18-16 1,600-2,800 [0.81-1.42]	**1.312** 33.32	Gold	Aluminum	—	Red	**.064-.088** 1.63-2.24	329647
8 13,100-20,800 [6.64-10.5]	**1.921** 48.79	Gold	Aluminum	—	Red	**.215-.255** 5.46-6.48	329716

[1]No bushing

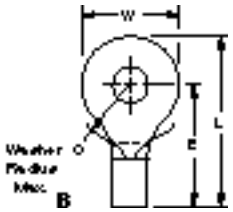
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Uninsulated Terminals and Splices

Solistrand Heat Resistant Ring Tongue Terminals



Non-Insulation Support



Non-Insulation Support (Wire Range 2 & 1/0)

Temperature Rating, Material and Finish

Terminal Body — Copper per ASTM B152

Plating — Nickel per QQ-N-290, 650°F [343°C]

Related Product Data

Application Tooling — pages 17-21

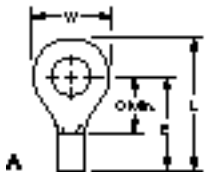
Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Style	Dimensions W	C	E Max.	L Max.	Part Numbers Loose Piece	Tape Mounted
22-16 509-3,260 [0.26-1.65]	.033 0.84	6 M3.5	A	.218 5.54	.156 3.96	.337 8.56	.449 11.40	322797	—
			A	.281 7.14	.250 6.35	.436 11.07	.574 14.58	323219	—
		8 M4	A	.281 7.14	.250 6.35	.436 11.07	.574 14.58	322798	—
		10	A	.281 7.14	.250 6.35	.436 11.07	.574 14.58	322799	—
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	6 M3.5	A	.343 8.71	.281 7.14	.462 11.73	.636 16.15	322693	—
			A	.250 6.35	.171 4.34	.352 8.94	.480 12.19	322805	—
		8 M4	A	.343 8.71	.281 7.14	.462 11.73	.636 16.15	322694	—
		10	A	.343 8.71	.281 7.14	.462 11.73	.636 16.15	322695*	2-322695-2
		1/4 M6	A	.469 11.91	.437 11.10	.618 15.70	.855 21.72	322733	—
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	6 M3.5	A	.375 9.53	.302 7.67	.575 14.61	.765 19.43	323060	—
		8 M4	A	.375 9.53	.302 7.67	.575 14.61	.765 19.43	323061	—
		10	A	.375 9.53	.302 7.67	.575 14.61	.765 19.43	323062	2-323062-2
		1/4 M6	A	.531 13.49	.468 11.89	.736 18.69	1.004 25.50	323063	—
		5/16 M8	A	.531 13.49	.468 11.89	.736 18.69	1.004 25.50	323064	—
		3/8	A	.593 15.06	.531 13.49	.799 20.29	1.098 27.89	323065	—
8 13,100-20,800 [6.64-10.5]	.051 1.30	8 M4	A	.406 10.31	.359 9.12	.743 18.87	.949 24.10	2-324061-5	—
		10	A	.406 10.31	.359 9.12	.743 18.87	.949 24.10	323165	—
		1/4 M6	A	.469 11.91	.359 9.12	.696 17.68	.933 23.70	323166	—
		5/16 M8	A	.562 14.27	.406 10.31	.790 20.07	1.074 27.28	323167	—
		3/8	A	.594 15.09	.531 13.49	.868 22.05	1.168 29.67	323168	—
6 20,800-33,100 [10.5-16.8]	.060 1.52	10	A	.468 11.89	.531 13.49	.931 23.65	1.168 29.67	323169	—
		1/4 M6	A	.468 11.89	.531 13.49	.931 23.65	1.168 29.67	323170	—
		5/16 M8	A	.625 15.88	.531 13.49	.931 23.65	1.246 31.65	323171	—
		3/8	A	.625 15.88	.531 13.49	.931 23.65	1.246 31.65	323172	—

*Available in small packaging quantities.

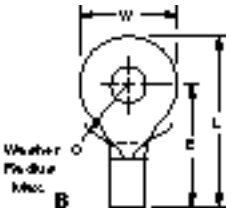
For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Product Information Center 1-800-522-6752.
Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.
Specifications subject to change. Consult AMP for latest specifications.

Uninsulated Terminals and Splices (Continued)

Solistrand Heat Resistant Ring Tongue Terminals (Continued)



Non-Insulation Support



Non-Insulation Support (Wire Range 2 & 1/0)

Temperature Rating, Material and Finish

Terminal Body — Copper per ASTM B152

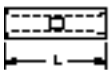
Plating — Nickel per QQ-N-290, 650°F [343°C]

Related Product Data

Application Tooling — pages 17-21

Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Style	Dimensions W	C	E Max.	L Max.	Part Numbers Loose Piece	Tape Mounted
4 33,100-52,600 [16.8-26.7]	.073 1.85	1/4 M6	A	.500 12.70	.437 11.10	.946 24.03	1.199 30.45	323173	—
		5/16 M8	A	.625 15.88	.500 12.70	1.009 25.63	1.324 33.63	323174	—
		3/8	A	.625 15.88	.500 12.70	1.009 25.63	1.324 33.63	323175	—
2 52,600-83,700 [26.7-42.4]	.073 1.85	3/8	B	.625 15.88	.540 13.72	1.212 30.78	1.527 38.79	323177	—
1/0 83,700-119,500 [42.4-60.6]	.073 1.85	3/8	B	.807 20.50	.625 15.88	1.519 38.58	1.925 48.90	323180	—

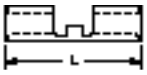
Solistrand Heat Resistant Splices



Style-A Non-Insulation Support Butt Splice



Style-B Non-Insulation Support Parallel Splice



Style-C Non-Insulation Support Butt Splice

Temperature Rating, Material and Finish

Splice Body — Copper per ASTM B152

Plating — Nickel per QQ-N-290, 650°F [343°C]

Related Product Data

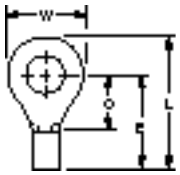
Application Tooling — pages 17-21

Wire Size Circular Mils [mm²]	Material Thickness Max.	Style	Dimensions L Max.	ID Min.	OD Max.	Part Numbers Loose Piece
22-16 509-3,260 [0.26-1.65]	.033 0.84	A	.578 14.68	.061 1.55	.141 3.58	323796
		B	.301 7.65	.061 1.55	.141 3.58	323030
		C	.591 15.01	.061 1.55	.141 3.58	322822
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	A	.567 14.40	.085 2.16	.165 4.19	323795
		B	.301 7.65	.085 2.16	.165 4.19	323794
		C	.529 13.44	.085 2.16	.165 4.19	322824
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	A	.565 14.35	.129 3.28	.226 5.74	323755
		B	.333 8.46	.129 3.28	.226 5.74	323754
		C	.703 17.86	.129 3.28	.226 5.74	323756
8 13,100-20,800 [6.64-10.5]	.051 1.30	B	.375 9.53	.172 4.37	.296 7.52	2-34318-1

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Product Information Center 1-800-522-6752.
Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.
Specifications subject to change. Consult AMP for latest specifications.

Uninsulated Terminals and Splices (Continued)

Solistrand High Temperature Ring Tongue Terminals



Non-Insulation Support

Temperature Rating and Material

Terminal Body — Nickel per ASTM B162, 1200°F [649°C]

Related Product Data

Application Tooling — pages 17-21

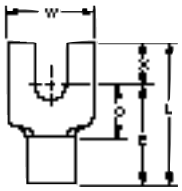
Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Color Code	Stud Size	Dimensions W	Dimensions C Min.	Dimensions E Max.	Dimensions L Max.	Part Numbers Loose Piece	Part Numbers Tape Mounted
22-16 509-3,260 [0.26-1.65]	**.033** 0.84	Orange	4	**.218** 5.54	**.156** 3.96	**.337** 8.56	**.449** 11.40	321884	2-321884-2
			5 M3	**.218** 5.54	**.156** 3.96	**.337** 8.56	**.449** 11.40	321885	—
			6 M3.5	**.281** 7.14	**.250** 6.35	**.431** 10.95	**.574** 14.58	321889*	2-321889-3
				.312 7.92	**.281** 7.14	**.462** 11.73	**.621** 15.77	322872	—
			8 M4	**.281** 7.14	**.250** 6.35	**.431** 10.95	**.574** 14.58	321890*	—
				.312 7.92	**.281** 7.14	**.462** 11.73	**.621** 15.77	321895	—
			10	**.281** 7.14	**.250** 6.35	**.431** 10.95	**.574** 14.58	321891*	—
				.312 7.92	**.281** 7.14	**.462** 11.73	**.621** 15.77	321896	2-321896-4
16-14 2,050-5,180 [1.04-2.62]	**.033** 0.84	Orange	4	**.250** 6.35	**.171** 4.34	**.352** 8.94	**.480** 12.19	322328	—
			6 M3.5	**.250** 6.35	**.171** 4.34	**.352** 8.94	**.480** 12.19	322329	2-322329-2
				.343 8.71	**.281** 7.14	**.462** 11.73	**.636** 16.15	322333	2-322333-3
			8 M4	**.343** 8.71	**.281** 7.14	**.462** 11.73	**.636** 16.15	322334*	—
			10	**.343** 8.71	**.281** 7.14	**.462** 11.73	**.636** 16.15	322335*	2-322335-5
			1/4 M6	**.468** 11.89	**.437** 11.10	**.618** 15.70	**.855** 21.72	322339	—
			5/16 M8	**.468** 11.89	**.437** 11.10	**.618** 15.70	**.855** 21.72	322340	—
			3/8	**.531** 13.49	**.546** 13.87	**.727** 18.47	**.995** 25.27	322343	—
12-10 5,180-13,100 [2.62-6.64]	**.042** 1.07	Orange	6 M3.5	**.375** 9.53	**.281** 7.14	**.549** 13.94	**.739** 18.77	323059	—
			8 M4	**.375** 9.53	**.281** 7.14	**.549** 13.94	**.739** 18.77	323745*	—
			10	**.375** 9.53	**.281** 7.14	**.549** 13.94	**.739** 18.77	323680*	2-323680-5
			1/4 M6	**.531** 13.49	**.468** 11.89	**.736** 18.69	**1.004** 25.50	323683*	2-323683-2
			5/16 M8	**.531** 13.49	**.468** 11.89	**.736** 18.69	**1.004** 25.50	323746	—
			3/8	**.593** 15.06	**.531** 13.49	**.799** 20.29	**1.098** 27.89	323747	—
8 13,100-20,800 [6.64-10.5]	**.051** 1.30	Orange	10	**.406** 10.31	**.359** 9.12	**.743** 18.87	**.949** 24.10	328822	—

*Available in small packaging quantities.

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Product Information Center 1-800-522-6752.
Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.
Specifications subject to change. Consult AMP for latest specifications.

Uninsulated Terminals and Splices (Continued)

Solistrand High Temperature Spade Tongue Terminals



Non-Insulation Support

Temperature Rating and Material

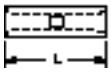
Terminal Body — Nickel per ASTM B162, 1200°F [649°C]

Related Product Data

Application Tooling — pages 17-21

Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Color Code	Stud Size	Dimensions W	C Min.	E Max.	L Max.	X	Part Number Loose Piece
16-14 2,050-5,180 [1.04-2.62]	**.033** 0.84	Orange	8 M4	**.385** 9.78	**.312** 7.92	**.493** 12.52	**.685** 17.40	**.187** 4.75	323905

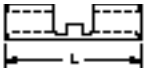
Solistrand High Temperature Splices



Style-A Non-Insulation Support Butt Splice



Style-B Non-Insulation Support Parallel Splice



Style-C Non-Insulation Support Butt Splice

Temperature Rating and Material

Splice Body — Nickel per ASTM B162, 1200°F [649°C]

Related Product Data

Application Tooling — pages 17-21

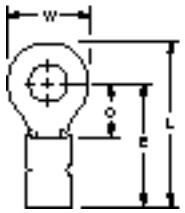
Wire Size Circular Mils [mm²]	Material Thickness Max.	Color Code	Style	Dimensions L Max.	ID Min.	OD Max.	Part Numbers Loose Piece
22-16 509-3,260 [0.26-1.65]	**.033** 0.84	Orange	A	**.578** 14.68	**.061** 1.55	**.141** 3.58	322324*
			B	**.301** 7.65	**.061** 1.55	**.141** 3.58	322326
			C	**.529** 13.44	**.061** 1.55	**.141** 3.58	323876
16-14 2,050-5,180 [1.04-2.62]	**.033** 0.84	Orange	A	**.567** 14.40	**.085** 2.16	**.165** 4.19	322345
			B	**.301** 7.65	**.085** 2.16	**.165** 4.19	322347
			C	**.529** 13.44	**.085** 2.16	**.165** 4.19	323878
12-10 5,180-13,100 [2.62-6.64]	**.042** 1.07	Orange	A	**.567** 14.40	**.129** 3.28	**.226** 5.74	323696*
			B	**.333** 8.46	**.129** 3.28	**.226** 5.74	323672
			C	**.703** 17.86	**.129** 3.28	**.226** 5.74	323698

*Available in small packaging quantities.

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Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.
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Uninsulated Terminals and Splices (Continued)

Diamond Grip Heat Resistant Ring Tongue Terminals



Insulation Support

Temperature Rating, Material and Finish

Terminal Body — Copper per ASTM B152

Plating — Nickel per QQ-N-290, 650°F [343°C]

Metallic Sleeve — Nickel Silver per ASTM B122

Related Product Data

Application Tooling — pages 17-21

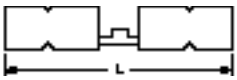
Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Tape Mounted
22-16 509-3,260 [0.26-1.65]	.033 0.84	4	.218 5.54	.156 3.96	.512 13.00	.624 15.85	.140 3.56	322363	—
		6 M3.5	.218 5.54	.156 3.96	.512 13.00	.624 15.85	.140 3.56	322364	—
			.218 5.54	.156 3.96	.530 13.46	.645 16.38	.110 2.79	323151	—
			.281 7.14	.250 6.35	.611 15.52	.749 19.02	.140 3.56	323199	—
		8 M4	.281 7.14	.250 6.35	.611 15.52	.749 19.02	.140 3.56	322365	—
			.281 7.14	.250 6.35	.629 15.98	.770 19.56	.110 2.79	323152	323152-1
		10	.281 7.14	.250 6.35	.611 15.52	.749 19.02	.140 3.56	322366	—
			.281 7.14	.250 6.35	.629 15.98	.770 19.56	.110 2.79	323153	—
		1/4 M6	.469 11.91	.437 11.10	.793 20.14	1.031 26.19	.140 3.56	322367	—
			.469 11.91	.437 11.10	.810 20.57	1.051 26.70	.110 2.79	323154	—
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	4	.250 6.35	.171 4.34	.527 13.39	.655 16.64	.170 4.32	322371	—
		6 M3.5	.343 8.71	.281 7.14	.637 16.18	.811 20.60	.170 4.32	322373	—
			.250 6.35	.171 4.34	.549 13.94	.680 17.27	.130 3.30	323158	—
		8 M4	.343 8.71	.281 7.14	.637 16.18	.811 20.60	.170 4.32	322374	—
			.343 8.71	.281 7.14	.659 16.74	.836 21.23	.130 3.30	323160	—
		10	.343 8.71	.281 7.14	.637 16.18	.811 20.60	.170 4.32	322375	—
			.343 8.71	.281 7.14	.659 16.74	.836 21.23	.130 3.30	323161	—
		1/4 M6	.469 11.91	.437 11.10	.793 20.14	1.030 26.16	.170 4.32	322376	—
			.469 11.91	.437 11.10	.815 20.70	1.055 26.80	.130 3.30	323162	—
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	6 M3.5	.375 9.53	.302 7.67	.841 21.36	1.034 26.26	.230 5.84	323066	—
		8 M4	.375 9.53	.302 7.67	.841 21.36	1.034 26.26	.230 5.84	323067	—
		10	.375 9.53	.302 7.67	.841 21.36	1.034 26.26	.230 5.84	323068	323068-1
			.375 9.53	.302 7.67	.840 21.34	1.030 26.16	.250 6.35	325154	—
		1/4 M6	.531 13.49	.468 11.89	1.002 25.45	1.273 32.33	.230 5.84	323069	—

Note: "C" dimension applies from edge of metal wire barrel to center of stud hole.

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Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.
Specifications subject to change. Consult AMP for latest specifications.

Uninsulated Terminals and Splices (Continued)

Diamond Grip Heat Resistant Splices



Insulation Support Butt Splice

Temperature Rating, Material and Finish

Splice Body — Copper per ASTM B152

Plating — Nickel per QQ-N-290, 650°F [343°C]

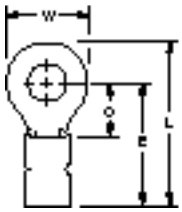
Metallic Sleeve — Nickel Silver per ASTM B122

Related Product Data

Application Tooling — pages 17-21

Wire Size Circular Mils [mm²]	Material Thickness Max.	Dimension L Max.	Wire Insulation Diameter Max.	Part Numbers Loose Piece
22-16 509-3,260 [0.26-1.65]	**.033** 0.84	**.889** 22.58	**.140** 3.56	322823
16-14 2,050-5,180 [1.04-2.62]	**.033** 0.84	**.889** 22.58	**.170** 4.32	322825
12-10 5,180-13,100 [2.62-6.64]	**.042** 1.07	**1.261** 32.03	**.230** 5.84	323757

Diamond Grip High Temperature Ring Tongue Terminals



Insulation Support

Temperature Rating and Material

Terminal Body — See table, 1200°F [649°C], Nickel per ASTM B162, Alumel —, Chromel —

Metallic Sleeve — Nickel Silver per ASTM B122

Related Product Data

Application Tooling — pages 17-21

Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	C Min.	E Max.	L Max.	Body Material	Sleeve Color Code	Wire Insulation Diameter Max.	Part Numbers Loose Piece	Tape Mounted
22-16 509-3,260 [0.26-1.65]	**.033** 0.84	4	**.218** 5.54	**.156** 3.96	**.512** 13.00	**.624** 15.85	Nickel	Orange	**.140** 3.56	321887	—
		6 M3.5	**.281** 7.14	**.250** 6.35	**.611** 15.52	**.749** 19.02	Nickel	Orange	**.140** 3.56	321892	—
			.312 7.92	**.281** 7.14	**.637** 16.18	**.796** 20.22	Nickel	Orange	**.140** 3.56	322873	—
			.312 7.92	**.281** 7.14	**.637** 16.18	**.796** 20.22	Chromel	Gray	**.140** 3.56	2-322873-1	—
		8 M4	**.281** 7.14	**.250** 6.35	**.611** 15.52	**.749** 19.02	Nickel	Orange	**.140** 3.56	321893	—
			.312 7.92	**.281** 7.14	**.637** 16.18	**.796** 20.22	Nickel	Orange	**.140** 3.56	321897	—
			.312 7.92	**.281** 7.14	**.637** 16.18	**.796** 20.22	Chromel	Gray	**.140** 3.56	1-321897-0	—
			.312 7.92	**.281** 7.14	**.637** 16.18	**.796** 20.22	Alumel	Green	**.140** 3.56	1-321897-3	—
		10	**.468** 11.89	**.437** 11.10	**.793** 20.14	**1.031** 26.19	Nickel	Orange	**.140** 3.56	184204-1	—
			.281 7.14	**.250** 6.35	**.611** 15.52	**.749** 19.02	Nickel	Orange	**.140** 3.56	321894	—
			.312 7.92	**.281** 7.14	**.637** 16.18	**.796** 20.22	Nickel	Orange	**.140** 3.56	321898	—
			.312 7.92	**.281** 7.14	**.637** 16.18	**.796** 20.22	Chromel	Gray	**.140** 3.56	1-321897-4	—
			.312 7.92	**.281** 7.14	**.637** 16.18	**.796** 20.22	Alumel	Green	**.140** 3.56	1-321898-0	—
		1/4 M6	**.468** 11.89	**.437** 11.10	**.793** 20.14	**1.031** 26.19	Nickel	Orange	**.140** 3.56	322320	—

Note: "C" dimension applies from edge of metal wire barrel to center of stud hole.

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Product Information Center 1-800-522-6752.
Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.
Specifications subject to change. Consult AMP for latest specifications.

Uninsulated Terminals and Splices (Continued)

Diamond Grip
High Temperature
Ring Tongue Terminals
(Continued)

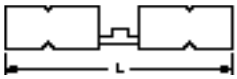
Wire Size Circular Mils [mm²]	Tongue Material Thickness Max.	Stud Size	Dimensions W	Dimensions C Min.	Dimensions E Max.	Dimensions L Max.	Body Material	Sleeve Color Code	Wire Insulation Diameter Max	Part Numbers Loose Piece	Part Numbers Tape Mounted
16-14 2,050-5,180 [1.04-2.62]	**.033** 0.84	6 M3.5	**.250** 6.35	**.171** 4.34	**.527** 13.39	**.655** 16.64	Nickel	Orange	**.170** 4.32	322332	—
			.343 8.71	**.281** 7.14	**.637** 16.18	**.811** 20.60	Nickel	Orange	**.170** 4.32	322336	2-322336-2
		8 M4	**.343** 8.71	**.281** 7.14	**.637** 16.18	**.811** 20.60	Nickel	Orange	**.170** 4.32	322337	1-322337-2
			.343 8.71	**.281** 7.14	**.637** 16.18	**.811** 20.60	Chromel	Gray	**.170** 4.32	1-322337-0	—
			.343 8.71	**.281** 7.14	**.637** 16.18	**.811** 20.60	Alumel	Green	**.170** 4.32	1-322338-1	—
		10	**.343** 8.71	**.281** 7.14	**.637** 16.18	**.811** 20.60	Nickel	Orange	**.170** 4.32	322338	1-322338-2
			.343 8.71	**.281** 7.14	**.637** 16.18	**.811** 20.60	Chromel	Gray	**.170** 4.32	1-322337-1	—
			.343 8.71	**.281** 7.14	**.637** 16.18	**.811** 20.60	Alumel	Green	**.170** 4.32	1-322338-0	—
		1/4 M6	**.468** 11.89	**.437** 11.10	**.793** 20.14	**1.030** 26.16	Nickel	Orange	**.170** 4.32	322341	—
		3/8	**.531** 13.49	**.546** 13.87	**.902** 22.91	**1.170** 29.72	Nickel	Orange	**.170** 4.32	322344	—
12-10 5,180-13,100 [2.62-6.64]	**.042** 1.07	6 M3.5	**.375** 9.53	**.281** 7.14	**.815** 20.70	**1.008** 25.60	Nickel	Orange	**.230** 5.84	323748	—
		8 M4	**.375** 9.53	**.281** 7.14	**.815** 20.70	**1.008** 25.60	Nickel	Orange	**.230** 5.84	323749	—
			.375 9.53	**.281** 7.14	**.815** 20.70	**1.008** 25.60	Chromel	Gray	**.230** 5.84	2-323749-1	—
		10	**.375** 9.53	**.281** 7.14	**.815** 20.70	**1.008** 25.60	Nickel	Orange	**.230** 5.84	323750	2-323750-5
			.375 9.53	**.281** 7.14	**.815** 20.70	**1.008** 25.60	Alumel	Green	**.230** 5.84	2-323750-1	—
		1/4 M6	**.531** 13.49	**.468** 11.89	**1.002** 25.45	**1.273** 32.33	Nickel	Orange	**.230** 5.84	323751	—
		5/16 M8	**.531** 13.49	**.468** 11.89	**1.002** 25.45	**1.273** 32.33	Nickel	Orange	**.230** 5.84	323752	—

Note: "C" dimension applies from edge of metal wire barrel to center of stud hole.

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Uninsulated Terminals and Splices (Continued)

Diamond Grip High Temperature Splices



Insulation Support Butt Splice

Temperature Rating and Material

Splice Body — See table, 1200°F [649°C], Nickel per ASTM B162, Alumel —, Chromel —

Metallic Sleeve — Nickel Silver per ASTM B122

Related Product Data

Application Tooling — pages 17-21

Wire Size Circular Mils [mm²]	Material Thickness Max.	Dimension L Max.	Splice Body Material	Sleeve Color Code	Wire Insulation Diameter Max.	Part Numbers Loose Piece
22-16 509-3,260 [0.26-1.65]	**.033** 0.84	**.889** 22.58	Nickel	Orange	**.140** 3.56	322325
		.889 22.58	Alumel	Green	**.140** 3.56	1-322325-0
		.889 22.58	Chromel	Gray	**.140** 3.56	1-322325-1
16-14 2,050-5,180 [1.04-2.62]	**.033** 0.84	**.889** 22.58	Nickel	Orange	**.170** 4.32	322346
		.889 22.58	Alumel	Green	**.170** 4.32	1-322346-0
		.889 22.58	Chromel	Gray	**.170** 4.32	1-322346-1
12-10 5,180-13,100 [2.62-6.64]	**.042** 1.07	**1.261** 32.03	Nickel	Orange	**.230** 5.84	323699

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Product Information Center 1-800-522-6752.
Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.
Specifications subject to change. Consult AMP for latest specifications.

Application Tooling Information for STRATO-THERM Insulated Heat Resistant and High Temperature Terminals and Splices

Wire Size Range AWG 26-10

Product Type	AMP Wire Size	Hand Tools	Pneumatic Tooling: Dies for 626 Pneumatic Tools 189721-[ ] and 189722-[ ] require Straight Action Adapter[1] 217200-1 or "C" Head Adapter 318161-1 Dies also fit 69710-1 Hand Tool	Tooling For Tape Mounted Products: Dies for 69875 AMP-TAPETRONIC AMP-O-LECTRIC[2] Requires Applicator AMPOMATOR CLS IV[2] Requires Applicators
Pre-Insulated Terminals	26-24	69692-1	69731	—
	22-20		69732	69936
	18-16	69693-1	69733	69937
	14		69734	—
	12-10	—	69735	—
Pre-Insulated Splices	22-20	—	69327	—
	18-16	—	69328	—
	14-12	—	69329	—

[1]Straight Action Adapter 217200-1 is used with Tools 189721-1 or 189722-1. "C"Head Adapter 318161-1 is used with Tools 189721-2 or 189722-2. Both adapters require the use of non-ratchet tool holder 189928-1 or ratchet tool holder 356304-1.
[2]Call Tooling Assistance Center for Machine and Applicator part numbers.

Wire Size Range AWG 26-6

Product Type	AMP Wire Size	Hand Tools	Hydraulic and Battery Powered Tools With Interchangeable Dies: 69097[2] "C" Head Nest	69097[2] "C" Head Indent	69099[2] "C" Head
Post Insulated Terminals and Splices	26-24	45730	—	—	—
	22-20	46467, 46468[1]	—	—	—
	18-16	46468	—	—	—
	8	—	46146	46145	69216
	6	—	46134	46133	69217

[1]Part Number 55235-1 only
[2]These crimping heads are recommended for use only with AMP Hydraulic Hand Pump 314979-1, DYNA-CRIMP Hydraulic Power Units 69120-1 (115 VAC) and 69120-2 (230 VAC), and with DYNA-CRIMP II Battery Operated Hydraulic Power Unit 122271-1. See pages 20 & 21.

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Product Information Center 1-800-522-6752.
Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.
Specifications subject to change. Consult AMP for latest specifications.

Application Tooling Information for STRATO-THERM Uninsulated Heat Resistant and High Temperature Terminals and Splices

Wire Size Range AWG 22-10

Product Type	AMP Wire Size	Hand Tools	Pneumatic Tooling	Tooling For Tape Mounted Products
			Crimping Heads for 626 Pneumatic Tool 189721-1 and 189722-1[1]	Dies for 69875 AMP-TAPETRONIC AMP-O-LECTRIC[2] Requires Applicator AMPOMATOR CLS IV[2] Requires Applicators
Uninsulated Terminals and Splices with Insulation Support	22-16	46673 46673-1	356744-1	69930
	16-14	46988 59294	356744-2	69931
	12-10	59461	904870-1	69932
Uninsulated Terminals and Splices with Non-Insulation Support	22-16	46447	217206-1	69954
	16-14			69955
	12-10			69956

[1]Crimping Heads require the use of non-ratchet tool holder 189767-1 or ratchet tool holder 356302-1.
[2]Call Tooling Assistance Center for Machine and Applicator part numbers.

Wire Size Range AWG 8-1/0

Product Type	AMP Wire Size	Hand Tools	Pneumatic Tooling	Hydraulic Tools WIth Self Contained Dies				Hydraulic and Battery Powered Tools with Interchangeable Dies		
			69015 Head	Hand Tool	Latch Head	59973-1 Hand Tool, 69065[2] & 69067[2] Latch Heads		69097[2] "C" Head		69099[2] "C" Head
						Nest	Indent	Nest	Indent	
Uninsulated Terminals and Splices with Non-Insulation Support	8	69355[1]	49956	59975-1	69069[2]	48126	48355	—	—	69216
	6	59083 No CERTI-CRIMP	48172			48128	48127	—	—	69217
	4	—	48173			48129		46135	46133	69218
	2	—	48174			48130		46136		45433
	1/0	—	48183	—	—	48132	48131	46138	46137	45436

[1]CERTI-CRIMPHand Tool.
[2]These crimping heads are recommended for use only with AMP Hydraulic Hand Pump 314979-1, DYNA-CRIMP Hydraulic Power Units 69120-1 (115 VAC) and 69120-2 (230 VAC), and with DYNA-CRIMP II Battery Operated Hydraulic Power Unit 122271-1. See Pages 20 & 21.

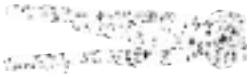
For additional tooling information, call 1-800-722-1111.

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Product Information Center 1-800-522-6752.
Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.
Specifications subject to change. Consult AMP for latest specifications.

Application Tooling Information for STRATO-THERM Heat Resistant and High Temperature Terminals and Splices

Loose Form Terminal and Splice Tooling

CERTI-CRIMP Hand Tools



Straight Action Double Action Hand Tool



Double Action Hand Tool



Heavy Head Hand Tool
Part No. 69355



"C" Head Straight Action Hand Tool
Part No. 69710-1



T-Head Tool

Pneumatic Tools



6-26 Pneumatic Tool
Part No. 189721-1



Part No. 69015

Hydraulic Hand Tools



Part No. 59975-1
(Self Contained Dies)



Part No. 59973-1
(Dies Required)

For additional tooling information, call 1-800-722-1111.

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Product Information Center 1-800-522-6752.
Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.
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Application Tooling Information for STRATO-THERM Heat Resistant and High Temperature Terminals and Splices (Continued)

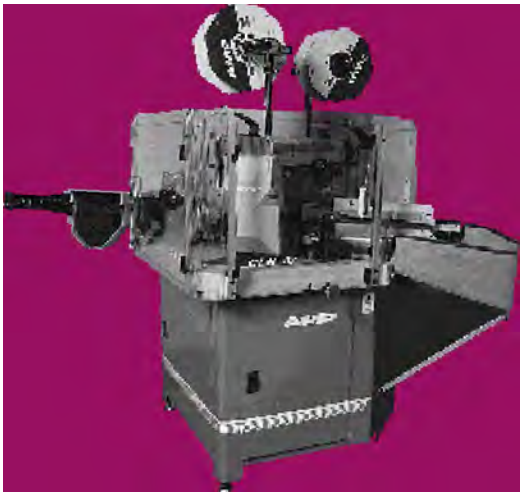
Tape Mounted



**AMP-TAPETRONIC Machine
69875, 68250-1
(Requires Dies)**



**AMP-O-LECTRIC, Model "G" Machine
(Requires Applicator and Dies)**



**AMPOMATOR CLS IV Machine 217500-1
(Requires Applicators and Dies)**

Latch Heads and Dies



**Part No.
69065**



**Part No.
69067**



**Part No.
69099**



**Part No. 69069
(Self Contained Dies)**



**Part No.
69097**

For additional tooling information, call 1-800-722-1111.

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Product Information Center 1-800-522-6752.
Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.
Specifications subject to change. Consult AMP for latest specifications.

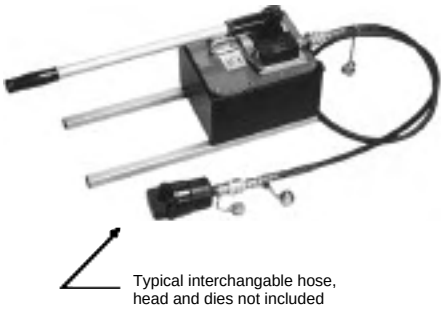
Application Tooling Information for STRATO-THERM Heat Resistant and High Temperature Terminals and Splices

DYNA-CRIMP II Battery Operated Hydraulic Power Unit



Part No. 122271-1[4]

Hand Operated Power Unit



314979-1[2] (Hose, head and dies not included)

Refer to the table below for accessories.

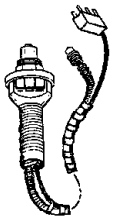
DYNA-CRIMP Electric Hydraulic Power Unit



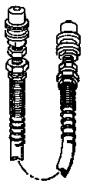
Power Unit Only
(Includes Pressure Release)

115 Volts (60 Hz) — 69120-1[3]
230 Volts (60 Hz) — 69120-2[3]

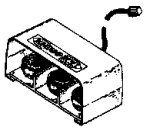
AMP application tools are designed to produce a carefully controlled uniform pressure crimp, regardless of how they are powered. All tools shown are specially designed for AMP products and are precision machined from hard tool steel.



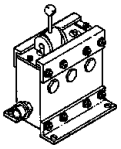
Handle Control



Hose Assembly



Foot Control



Multidirectional Valve

Power Units Accessories

For Use With Power Unit No.	Accessory Description	Accessory Part No.	Remarks
69120-1[3] 69120-2[3] 314979-1[2] 122271-1[4]	7' Handle Control Assembly—Hose & Cord 15' Handle Control Assembly—Hose & Cord 21' Handle Control Assembly—Hose & Cord 28' Handle Control Assembly—Hose & Cord	59907-7 1-59907-5 2-59907-1 2-59907-8	
	15' Foot Switch Assembly	68284-1	Need Hose Assembly
	3' Hose Assembly 7' Hose Assembly 15' Hose Assembly 21' Hose Assembly	59909-3 59909-7 1-59909-5 2-59909-1	68284-1 Foot Switch Assembly needed with these Hose Assemblies and 69120
	2' Hose Assembly (1/4" I.D.) 3' Hose Assembly (1/4" I.D.) 7' Hose Assembly (1/4" I.D.) 15' Hose Assembly (1/4" I.D.)	314990-1 314990-2 314990-3 314990-4	More Flexible, Lighter Weight. Recommended for use with DYNA-CRIMP II Battery Operated Hydraulic Power Unit
69120-1[3] 69120-2[3]	3-Way Multi-Directional Valve 3-Way Multi-Directional Valve (Elec.Ctl.)	59220[1] 59220-2[1]	For use with Foot Switch only

[1] Contact AMP Incorporated for usage recommendations.
[2] Also see AMP Customer Manual 409-5860.
[3] Also see AMP Customer Manual 409-1950.
[4] Also see AMP Customer Manual 409-5869.

Note: All Hoses and Handle Control Assemblies have a 3/8" high flow male coupler (311470-1) on each end. All Power Units and Heads have a 3/8" high flow female coupler (311471-1).

For additional tooling information, call 1-800-722-1111.

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Part Number Index

Note: This index lists all cataloged parts by base no. only. Complete part nos. (with prefixes and/or suffixes) are shown on the page(s) indicated.

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Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.
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Engineering Notes

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Product Information Center; Phone: 1-800-522-6752

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Fax: + 6221-526-7856

Japan – Tokyo
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Shunde
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Fax: + 86-765-7752823

Philippines – Manila
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Fax: + 632-811-0441

Singapore – Singapore
Phone: + 65-482-0311
Fax: + 65-482-1012

Taiwan – Taipei
Phone: + 886-2-704-4815
Fax: + 886-2-704-4940

Thailand – Bangkok
Phone: + 91-662-513-9888
Fax: + 91-662-513-9889

Vietnam – Ho Chi Minh City
Phone: + 84-8823-2546
Fax: + 84-8823-1443

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Austria – Vienna
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Fax: + 0222-270-26-61

Outside: Phone: + 43-1-277-97-0
Fax: + 43-1-270-26-61

Belgium – Brussels
Phone: + 32-2-719-2511
Fax: + 32-2-725-4928

Bulgaria – Sofia
Phone: + 359-2-971-2152
Fax: + 395-2-971-2153

Croatia – Zagreb
Phone: + 385-1-67-04-46
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82011—1.5M—AG—AMP—3-98—1405
Printed in USA

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Rev. 1, 10/97

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