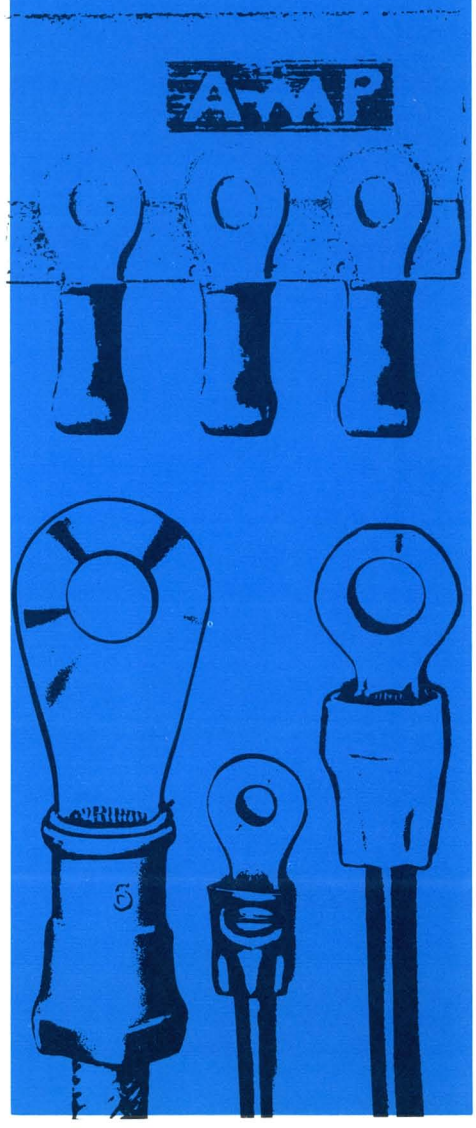
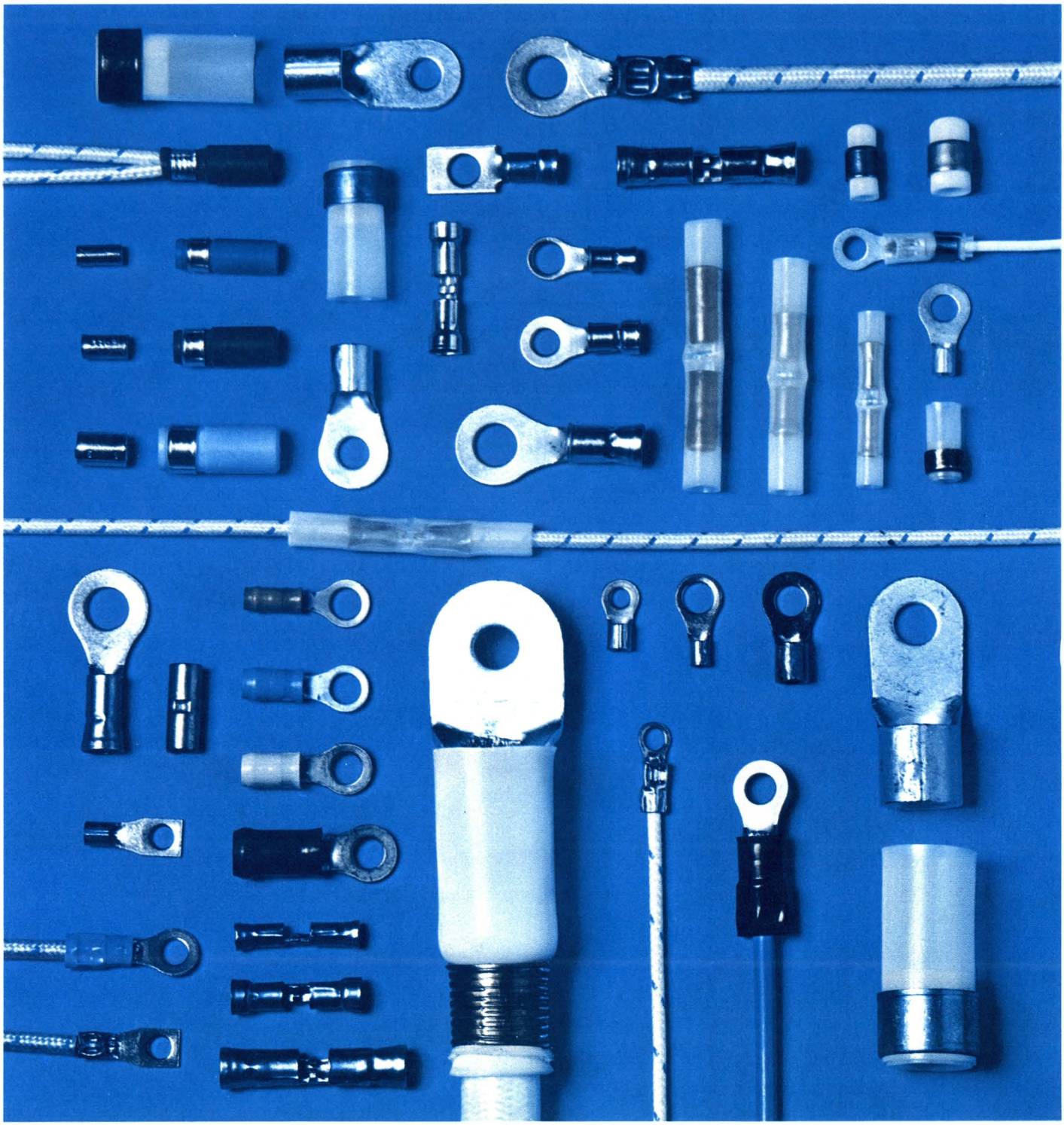
2

TERMINALS & SPLICES FOR HIGH TEMPERATURE APPLICATIONS

Loose piece terminals and splices designed to meet extreme conditions of temperature, vibration, and mechanical stress.



STRATO-THERM Terminals & Splices for High Temperature Applications



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STRATO-THERM
Terminals & Splices for High Temperature Applications

Heat: An added dimension to circuit requirements

Heat . . . extreme heat . . . searing temperatures up to 1200° F. 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 catalog is an important ally. In this AMP line of STRATO-THERM terminals and splices, you'll find truly high temperature circuit hardware. You'll also find solutions to other, more familiar circuit problems such as vibration, corrosion, and flashover, when they occur at high temperatures.

Here, too, you'll find how AMP has adapted the consistent reliability and quality control of its world famous crimping method to the extreme thermal conditions. This catalog contains all pertinent information concerning the physical characteristics of the STRATO-THERM terminals and splices plus performance features of the complete line of related application tooling.

If you do not find all the answers to your questions in these pages, contact your local AMP representative or write to our General Office.

All Dimensions in Inches

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

STRATO-THERM Terminals & Splices for High Temperature Applications

Summary of types

There are four distinct types of STRATO-THERM terminals and splices with which you can attack design or production problems for circuitry in elevated temperatures. The first two are insulated and have a maximum temperature rating of 550° F. The third has a maximum temperature rating of 1200° F., and the fourth, 650° F. A description of each of these general categories is presented at the right.

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 in the back of the guide for page location of tabular data.

In the Tabular Data Section, and the Numerical Index, all parts which are available either individually or in tape-mounted form are identified by a dagger (†) following the part number. When ordering tape-mounted parts, specify the terminal or splice part number, the total quantity of parts required, the number of the tooling to be used and the type of packaging desired (if applicable). The table below lists by wire size the types of packaging available and the quantity per package for each AMP-TAPEMATIC tool.

TOOL NO.	WIRE SIZE	QUANTITY AND TYPE PACKAGE
69359-2	#26-14	1,000-box
	#12-10 or #16-14 HD	500-box
69118-1	#26-14	100-box
69875*	#26-22	10,000-reel
	#22-14	5,000-reel
	#12-10 or #16-14 HD	2,500-reel
68075*	#26-14	2,500-reel
	#12-10 or #16-14 HD	1,500-reel
	#22-16	1,000-box
	#12-10 or #16-14 HD	500-box

*If box packaging is desired, a box holder, part number 305671, is required and must be purchased separately.

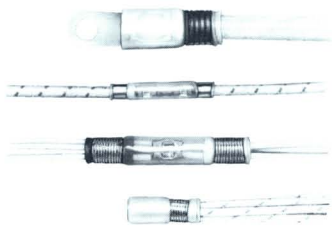
Note: Other items can be supplied in tape-mounted form. Consult AMP for information on special orders.

PIDG TERMINALS AND SPLICES, AND PRE-INSULATED SPARE WIRE CAPS
550°F. RANGE

Designed for reliable performance up to 550° F., 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. Gold over nickel plated copper. The terminal and splice barrel accommodates stranded wire conductors only. The spare wire caps are designed for unstripped wire.

†Trademark of DuPont

POST-INSULATED TERMINALS, SPLICES AND CAPS
550°F. RANGE



The temperature range of this line is unexcelled by any other insulated terminals and splices; 550° F., for gold over nickel or nickel plated copper. (500° F. for silver plating.) This line includes three types of splices. The first is a butt splice which, like the terminals, accommodates solid and/or stranded conductors. The second is the new multiple wire, post-insulated moisture seal splice. It accommodates a host of wire combinations (see tabular data) and is available in butt and parallel configurations. It is completely sealed to deter corona at high altitudes when used with wire specified in the tabular data. The third is a multiple wire splice cap.

UNINSULATED TERMINALS AND SPLICES
1200°F. RANGE

This line offers reliable operation in a temperature extreme of 1200° F. Nickel material is used for the fabrication of both the terminal and splice. The wire support sleeve of the first type is manufactured from nickel-silver alloy. 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.

UNINSULATED TERMINALS AND SPLICES
650°F. RANGE

Designed for a maximum operating temperature of 650° F., 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.

Uniform Reliability

The Crimp

No matter which of the four types of STRATO-THERM terminals and splices you use, you are assured of optimum corrosion and vibration resistance plus outstanding tensile strength and electrical 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 electro-mechanical properties necessary for solid and/or stranded conductor combinations. Uniform, permanent attachment is assured. 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 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 homogeneous mass.

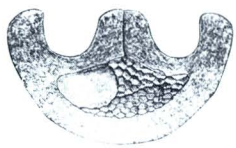
STRATO-THERM PIDG terminals and splices employ the equally reliable confined "C" crimp plus multiple position insulation support crimp for today's smaller wires. This "C" crimp is especially suited to crimping the terminal barrel and insulation sleeve to stranded wire conductors. The photomacrograph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

There are a number of advantages to AMP's crimping method: ■ Binding agents like solder, which in themselves are not stable at accelerated temperatures and have a highly limited reliability, are eliminated. ■ Attachment techniques employing heat are also eliminated as are other variables, including manually caused inconsistencies. ■ The crimp creates such an intimate contact between metals that voids are minimized, thereby assuring great resistance to internal corrosion.

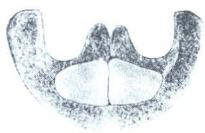
■ The completed attachment has great tensile strength, approaching the tensile strength of the wire conductor itself. ■ Tensile strength is considerably increased by the addition of the wire-support sleeve. Designed for severe vibration, this sleeve dampens wire flexing, breakage and other vibration damage.

Briefly stated, a crimped AMP terminal is a permanent attachment offering the highest electrical and mechanical performance.

ONE SOLID

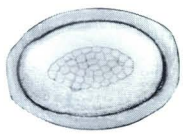


ONE SOLID
TWO STRANDED



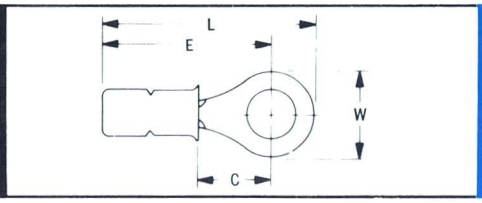
TWO SOLID

ONE STRANDED



CONFINED "C"

PIDG Terminals
550°F. (Nickel Plated)
500°F. (Gold Plated)

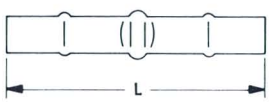


RING TONGUE

WIRE SIZE	STUD SIZE	COLOR CODE	WIRE INSUL. O.D.	"W"	TONGUE MATERIAL THICKNESS MAX.	"C" MIN.	"E" MAX.	"L" MAX.	CATALOG NO. GOLD PLATED*	CATALOG NO. NICKEL PLATED**
26-24	4	Black	.032-.082	.203	.020	.211	.542	.646	—	50829†
	6	Black	.032-.082	.250	.020	.281	.612	.740	332430†	50830†
	8	Black	.032-.082	.250	.020	.281	.612	.740	—	50830-1†
	10	Black	.032-.082	.250	.020	.281	.612	.740	—	50830-2†
22-20	4	Green	.035-.100	.281	.025	.250	.631	.774	332433†	50831†
	6	Green	.035-.100	.281	.025	.250	.631	.774	1-332433-0†	50831-1†
	8	Green	.035-.100	.312	.025	.281	.662	.821	332434†	50832†
	10	Green	.035-.100	.312	.025	.281	.662	.821	1-332434-0†	50832-1†
	1/4	Green	.035-.100	.500	.025	.437	.807	1.060	332435	50833
	5/16	Green	.035-.100	.500	.025	.437	.807	1.060	1-332435-1	50833-1
	3/8	Green	.035-.100	.500	.025	.437	.807	1.060	1-332435-0	50833-2
18-16	4	Orange	.055-.135	.218	.033	.156	.560	.672	332452†	50834†
	6	Orange	.055-.135	.281	.033	.250	.654	.797	332453†	50835†
	8	Orange	.055-.135	.312	.033	.281	.685	.844	332454†	50836†
	10	Orange	.055-.135	.312	.033	.281	.685	.844	1-332454-0†	50836-1†
	1/4	Orange	.055-.135	.468	.033	.437	.841	1.078	332455†	50837†
	5/16	Orange	.055-.135	.468	.033	.437	.841	1.078	1-332455-0†	50837-1†
	3/8	Orange	.055-.135	.531	.033	.531	.924	1.192	332456	50838
14	4	White	.080-.150	.250	.033	.171	.575	.703	332438†	50839†
	6	White	.080-.150	.250	.033	.171	.575	.703	1-332438-0†	50839-1†
	8	White	.080-.150	.343	.033	.281	.685	.859	332439†	50840†
	10	White	.080-.150	.343	.033	.281	.685	.859	1-332439-0†	50840-1†
	1/4	White	.080-.150	.468	.033	.437	.841	1.078	332440†	50841†
	5/16	White	.080-.150	.469	.033	.437	.841	1.078	332441†	50842†
	3/8	White	.080-.150	.531	.033	.531	.924	1.192	332442	50843
12-10	4	Black	.102-.214	.281	.042	.219	.794	.937	332445†	50844†
	6	Black	.102-.214	.375	.042	.302	.893	1.083	332446†	50845†
	8	Black	.102-.214	.375	.042	.302	.893	1.083	1-332446-0†	50845-1†
	10	Black	.102-.214	.375	.042	.302	.893	1.083	1-332446-1†	50845-2†
	1/4	Black	.102-.214	.531	.042	.437	1.012	1.280	332447	50846
	5/16	Black	.102-.214	.531	.042	.468	1.054	1.327	332448†	50847†
	3/8	Black	.102-.214	.593	.042	.531	1.106	1.405	332449	50848

†Indicates terminal is available in tape mounted form.
*To be used with silver plated wire.
**To be used with nickel plated wire.

Pre-Insulated
Butt Splices
500°F.

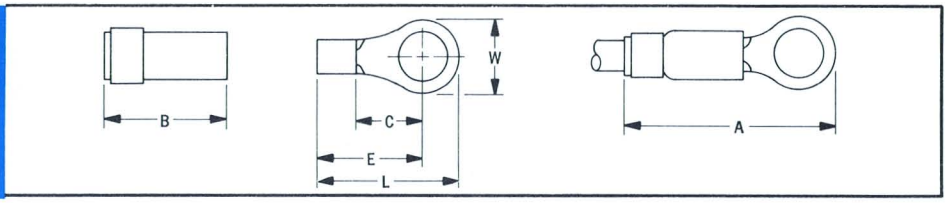


SINGLE WIRE TO SINGLE WIRE

WIRE SIZE	SLEEVE COLOR CODE	WIRE INSUL. O.D.	"L" MAX.	CATALOG NUMBER GOLD PLATED
22-20	Natural	.046-.100	1.156	330377
18-16	Red	.090-.140	1.531	330378
14-12	Blue	.105-.170	1.781	330379

STRATO-THERM Terminals for High Temperature Applications

Post-Insulated Terminals 550°F. (Gold Plated) 500°F. (Silver Plated)



RING TONGUE

APPLICABLE MIL SPEC FOR WIRE	WIRE SIZE	STUD SIZE	TONGUE DIMENSIONS "C" MIN.	"W"	"E" MAX.	MATERIAL THICKNESS MAX.	"L" MAX.	AFTER CRIMPED "A" APPROX.	WIRE INSUL. O.D.	SLEEVE ASSY. LENGTH MAX. "B"	CATALOG NUMBER GOLD PLATED	CATALOG NUMBER SILVER PLATED	RING COLOR
MIL-W-16878 NAS 703	26-24	4	.211	.203	.325	.020	.450	.765	.040-.050	.437	2-324375-1	329750	Yellow
		6	.281	.250	.419	.020	.544	.843	.040-.050	.437	324375	2-329750-1	Yellow
		8	.281	.250	.419	.020	.544	.843	.040-.050	.437	324376	2-329750-2	Yellow
		10	.281	.250	.419	.020	.544	.843	.040-.050	.437	324377	2-329750-3	Yellow
—	26-24	4	.211	.203	.325	.020	.450	.765	.060-.075	.437	2-324372-1	2-329750-4	Yellow
		6	.281	.250	.419	.020	.544	.843	.060-.075	.437	324372	2-329750-5	Yellow
		8	.281	.250	.419	.020	.544	.843	.060-.075	.437	324373	2-329750-6	Yellow
		10	.281	.250	.419	.020	.544	.843	.060-.075	.437	324374	2-329750-7	Yellow
MIL-W-16878 NAS 703	22-20	4	.250	.281	.431	.025	.574	.871	.046-.063	.437	—	2-324289-1	Natural
		6	.250	.281	.431	.025	.574	.871	.046-.063	.437	324261	324287	Natural
		8	.281	.312	.462	.025	.621	.918	.046-.063	.437	2-324261-1	324288	Natural
		10	.281	.312	.462	.025	.621	.918	.046-.063	.437	2-324261-2	324289	Natural
		1/4	.437	.500	.618	.025	.871	1.168	.046-.063	.437	—	2-324289-2	Natural
		3/8	.437	.500	.618	.025	.871	1.168	.046-.063	.437	—	2-324289-3	Natural
MIL-W-8777 MIL-W-7139	22-20	4	.250	.281	.431	.025	.574	.871	.080-.100	.437	3-324261-2	2-324292-1	Natural
		8	.281	.312	.462	.025	.621	.918	.080-.100	.437	—	324291	Natural
		10	.281	.312	.462	.025	.621	.918	.080-.100	.437	2-324261-7	324292	Natural
		1/4	.437	.500	.618	.025	.871	1.168	.080-.100	.437	—	2-324292-2	Natural
		3/8	.437	.500	.618	.025	.871	1.168	.080-.100	.437	—	2-324292-3	Natural
MIL-W-16878 NAS 703	18-16	4	.156	.218	.337	.033	.449	.799	.064-.088	.490	2-329550-1	329749	Red
		6	.250	.281	.431	.033	.574	.924	.064-.088	.490	329550	2-329749-1	Red
		8	.281	.312	.462	.033	.621	1.171	.064-.088	.490	329551	2-329749-2	Red
		10	.281	.312	.462	.033	.621	1.171	.064-.088	.490	329552	2-329749-3	Red
		1/4	.437	.468	.618	.033	.855	1.205	.064-.088	.490	329553	2-329749-4	Red
		3/8	.531	.531	.712	.033	.972	1.330	.064-.088	.490	329554	2-329749-5	Red
MIL-W-8777 MIL-W-7139	18-16	4	.156	.218	.337	.033	.449	.799	.105-.130	.490	2-329555-1	2-329749-6	Red
		6	.250	.281	.431	.033	.574	.924	.105-.130	.490	329555	2-329749-7	Red
		8	.281	.312	.462	.033	.621	1.171	.105-.130	.490	329556	2-329749-8	Red
		10	.281	.312	.462	.033	.621	1.171	.105-.130	.490	329557	2-329749-9	Red
		1/4	.437	.468	.618	.033	.855	1.205	.105-.130	.490	329558	3-329749-1	Red
		3/8	.531	.531	.712	.033	.972	1.330	.105-.130	.490	329559	3-329749-2	Red
MIL-W-16878 NAS 703	14	6	.171	.250	.359	.033	.480	.875	.087-.103	.490	329560	329748	Blue
		8	.281	.343	.469	.033	.637	1.062	.087-.103	.490	329561	2-329748-1	Blue
		10	.281	.343	.469	.033	.637	1.062	.087-.103	.490	329562	2-329748-2	Blue
		1/4	.437	.468	.621	.033	.855	1.240	.087-.103	.490	329563	2-329748-3	Blue
		5/16	.437	.469	.621	.033	.855	1.240	.087-.103	.490	2-329563-1	2-329748-4	Blue
		3/8	.531	.531	.718	.033	.984	1.370	.087-.103	.490	329564	2-329748-5	Blue

STRATO-THERM Terminals for High Temperature Applications

RING TONGUE (Cont'd)

APPLICABLE MIL SPEC FOR WIRE	WIRE SIZE	STUD SIZE	TONGUE DIMENSIONS "C" MIN.	"W"	"E" MAX.	MATERIAL THICKNESS MAX.	"L" MAX.	AFTER CRIMPED "A" APPROX.	WIRE INSUL. O.D.	SLEEVE ASSY. LENGTH MAX. "B"	CATALOG NUMBER GOLD PLATED	CATALOG NUMBER SILVER PLATED	RING COLOR
MIL-W-8777 MIL-W-7139	14	6	.171	.250	.359	.033	.480	.860	.120-.150	.490	329565	2-329748-6	Blue
		8	.281	.343	.469	.033	.637	1.050	.120-.150	.490	329566	2-329748-7	Blue
		10	.281	.343	.469	.033	.637	1.050	.120-.150	.490	329567	2-329748-8	Blue
		1/4	.437	.468	.621	.033	.855	1.225	.120-.150	.490	329568	2-329748-9	Blue
		5/16	.437	.468	.621	.033	.855	1.225	.120-.150	.490	2-329568-1	3-329748-1	Blue
		3/8	.531	.531	.718	.033	.984	1.355	.120-.150	.490	329569	3-329748-2	Blue
MIL-W-16878 NAS 703	12-10	6	.302	.375	.578	.042	.765	1.230	.106-.153	.666	329570	329747	Yellow
		8	.302	.375	.578	.042	.765	1.230	.106-.153	.666	329571	2-329747-1	Yellow
		10	.302	.375	.578	.042	.765	1.230	.106-.153	.666	329572	2-329747-2	Yellow
		1/4	.437	.531	.422	.042	1.000	1.440	.106-.153	.666	329573	2-329747-3	Yellow
		5/16	.468	.531	.463	.042	1.004	1.500	.106-.153	.666	2-329573-1	2-329747-4	Yellow
		3/8	.531	.593	.495	.042	1.093	1.560	.106-.153	.666	329574	2-329747-5	Yellow
MIL-W-8777 MIL-W-7139	12-10	6	.302	.375	.578	.042	.765	1.230	.160-.200	.666	329575	2-329747-6	Yellow
		8	.302	.375	.578	.042	.765	1.230	.160-.200	.666	329576	2-329747-7	Yellow
		10	.302	.375	.578	.042	.765	1.230	.160-.200	.666	329577	2-329747-8	Yellow
		1/4	.437	.531	.422	.042	1.000	1.440	.160-.200	.666	329578	2-329747-9	Yellow
		5/16	.468	.531	.463	.042	1.004	1.500	.160-.200	.666	2-329578-1	3-329747-1	Yellow
		3/8	.531	.593	.495	.042	1.093	1.560	.160-.200	.666	329579	3-329747-2	Yellow
MIL-W-16878 NAS 703	8	10	.359	.469	.452	.051	.934	1.575	.215-.255	.880	329580	329746	Red
		1/4	.359	.469	.452	.051	.934	1.575	.215-.255	.880	329581	2-329746-1	Red
		5/16	.531	.594	.562	.051	1.178	1.810	.215-.255	.880	2-329582-1	2-329746-2	Red
		3/8	.531	.594	.562	.051	1.178	1.810	.215-.255	.880	329582	2-329746-3	Red
MIL-W-8777 MIL-W-7139	8	10	.359	.469	.452	.051	.934	1.575	.260-.300	.880	2-329582-2	2-329746-4	Red
		1/4	.359	.469	.452	.051	.934	1.575	.260-.300	.880	2-329582-3	2-329746-5	Red
		5/16	.531	.594	.562	.051	1.178	1.810	.260-.300	.880	2-329582-4	2-329746-6	Red
		3/8	.531	.594	.562	.051	1.178	1.810	.260-.300	.880	2-329582-5	2-329746-7	Red
—	6	10	.531	.468	.938	.060	1.168	1.870	.270-.310	1.030	329583	—	Blue
		1/4	.531	.468	.938	.060	1.168	1.870	.270-.310	1.030	329584	2-329745-1	Blue
		5/16	.531	.625	.938	.060	1.246	1.950	.270-.310	1.030	2-329585-1	—	Blue
		3/8	.531	.625	.938	.060	1.246	1.950	.270-.310	1.030	329585	—	Blue
MIL-W-8777 MIL-W-7139	6	10	.531	.468	.938	.060	1.168	1.860	.320-.370	1.030	2-329585-2	—	Blue
		1/4	.531	.468	.938	.060	1.168	1.860	.320-.370	1.030	2-329585-3	2-329745-5	Blue
		5/16	.531	.625	.938	.060	1.246	1.930	.320-.370	1.030	2-329585-4	—	Blue
		3/8	.531	.625	.938	.060	1.246	1.930	.320-.370	1.030	2-329585-5	2-329745-7	Blue
—	4	10	.516	.656	.984	.073	1.314	2.136	.330-.370	1.200	329586	—	Yellow
		1/4	.437	.500	.953	.073	1.199	1.970	.330-.370	1.200	329587	2-329744-1	Yellow
		5/16	.500	.625	1.016	.073	1.324	2.090	.330-.370	1.200	2-329588-1	—	Yellow
		3/8	.500	.625	1.016	.073	1.324	2.090	.330-.370	1.200	329588	—	Yellow
MIL-W-8777 MIL-W-7139	4	10	.516	.656	.984	.073	1.324	2.126	.380-.430	1.200	2-329588-2	—	Yellow
—	2	1/4	.540*	.625	1.219	.075	1.527	2.440	.420-.460	1.375	329589	329743	Red
		3/8	.540*	.625	1.219	.075	1.527	2.440	.420-.460	1.375	329590	2-329743-1	Red
		1/2	.546*	.875	1.219	.075	1.652	2.569	.420-.460	1.375	2-329590-1	2-329743-2	Red
MIL-W-8777 MIL-W-7139	2	1/4	.540*	.625	1.219	.075	1.527	2.440	.460-.510	1.375	2-329590-2	2-329743-3	Red
		3/8	.540*	.625	1.219	.075	1.527	2.440	.460-.510	1.375	2-329390-3	2-329743-4	Red
		1/2	.546*	.875	1.219	.075	1.652	2.569	.460-.510	1.375	2-329590-4	2-329743-5	Red

*On wire size 2 this dimension is washer radius.

STRATO-THERM Terminals & Splices for High Temperature Applications

RING TONGUE (Cont'd)

APPLICABLE MIL SPEC FOR WIRE	WIRE SIZE	STUD SIZE	TONGUE DIMENSIONS "C" MIN.	"W"	"E" MAX.	MATERIAL THICKNESS MAX.	"L" MAX.	AFTER CRIMPED "A" APPROX.	WIRE INSUL. O.D.	SLEEVE ASSY. LENGTH MAX. "B"	CATALOG NUMBER GOLD PLATED	CATALOG NUMBER SILVER PLATED	RING COLOR
—	1/0	1/4	.625*	.874	1.531	.076	1.956	3.110	.510-.550	1.820	329591	—	Blue
		3/8	.625*	.874	1.531	.076	1.956	3.110	.510-.550	1.820	329592	—	Blue
		1/2	.625*	.874	1.531	.076	1.956	3.110	.510-.550	1.820	2-329592-1	—	Blue
—	2/0	5/16	.625*	.931	1.534	.084	2.000	3.227	.570-.620	2.062	329715	329741	Yellow
		3/8	.625*	.931	1.534	.084	2.000	3.227	.570-.620	2.062	2-329715-1	2-329741-1	Yellow
		1/2	.625*	.931	1.534	.084	2.000	3.227	.570-.620	2.062	2-329715-2	2-329741-2	Yellow
MIL-W-8777 MIL-W-7139	2/0	5/16	.625*	.931	1.534	.084	2.000	3.196	.750-.820	2.062	2-329715-3	2-329741-3	Yellow
		3/8	.625*	.931	1.534	.084	2.000	3.196	.750-.820	2.062	2-329715-4	2-329741-4	Yellow
		1/2	.625*	.931	1.534	.084	2.000	3.196	.750-.820	2.062	2-329715-5	2-329741-5	Yellow

*Ranges 2, 1/0 and 2/0 this dimension is washer radius.

Post-Insulated Splices
550°F. (Gold Plated)
500°F. (Silver Plated)

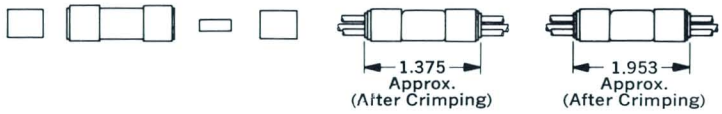
SINGLE WIRE TO SINGLE WIRE TYPE

WIRE SIZE	WIRE INSUL. O.D.	CATALOG NUMBER GOLD PLATED	CATALOG NUMBER SILVER PLATED	(AFTER CRIMPING) "A" APPROX.	RING COLOR
26-24	.040-.050*	324370	329763	.937	Yellow
26-24	.060-.075	324371	329764	.937	Yellow
22-20	.046-.063*	329645	328631	1.062	Natural
22-20	.080-.100**	329644	328565	.953	Natural
18-16	.064-.088*	329647	328633	1.312	Red
18-16	.105-.130**	329646	328632	1.187	Red
14	.087-.103*	329649	328781	1.312	Blue
14	.120-.150**	329648	328780	1.187	Blue
12-10	.125-.153*	329651	328783	1.750	Yellow
12-10	.160-.200**	329650	328782	1.625	Yellow
8	.215-.255	329716	329756	1.921	Red
8	.260-.300**	329721	329762	1.875	Red
6	.280-.320	329717	329755	2.468	Blue
6	.320-.370**	329722	329761	2.406	Blue
4	.340-.380	329718	329754	2.843	Yellow
4	.380-.430**	329723	329760	2.781	Yellow
2	.420-.460	329719	329753	3.218	Red
2	.460-.510**	329724	329759	3.187	Red
1/0	.510-.550	329720	329752	3.687	Blue
1/0	.550-.610**	329725	329758	3.625	Blue

Only those O.D. wire dimensions with asterisks have applicable MIL specs.
*For MIL-W-16878, NAS 703 Wire — Use Splices with Smaller Wire Insul. O.D.
**For MIL-W-8777, MIL-W-7139 Wire — Use Splices with Larger Wire Insul. O.D.

STRATO-THERM Terminals & Splices for High Temperature Applications

Post-Insulated Multiple Wire Moisture Sealed Splices 550°F.



MULTIPLE TO SINGLE AND MULTIPLE TO MULTIPLE

WIRE INSUL. O.D.	BUSHING COLOR	WIRE COMBINATIONS	CATALOG NUMBER	TYPE OF SPLICE	INNER SPLICE WIRE SIZE
.048-.064	Red	1 — #22 to 1 — #22	2-330260-1	Parallel	22-16
.048-.064	Red	1 — #20 to 2 — #20	2-329653-1	Parallel	16-14
.048-.064	Red	2 — #20 to 2 — #20	2-330110-1	Parallel	16-14
.048-.064	Red	2 — #20 to 3 — #20	2-330111-1	Parallel	12-10
.048-.064	Red	3 — #20 to 3 — #20	2-330112-1	Parallel	12-10
.048-.064	Red	1 — #20 to 5 — #20	2-330109-1	Parallel	12-10
.048-.064 #22 .060-.075 #20	Red Blue	2 — #22 to 1 — #20	330262	Parallel	16-14
.048-.064 #22 .060-.075 #20	Red Blue	3 — #22 to 2 — #20	330261	Parallel	12-10
.048-.064 #22 .060-.075 #20	Red Blue	4 — #22 to 3 — #20	330263	Parallel	12-10
.048-.064 #22 .060-.075 #20	Red Blue	5 — #22 to 3 — #20	330264	Parallel	12-10
.048-.067 .078-.097	Red Yellow	1 — #16 to 1 — #20	330344	Parallel	16-14
.060-.075	Blue	1 — #20 to 2 — #20	2-330258-1	Parallel	16-14
.060-.075	Blue	2 — #20 to 2 — #20	2-330259-1	Parallel	12-10
.060-.075 #20 .078-.097 #18	Blue Yellow	4 — #20 to 2 — #18	330265	Parallel	12-10
.078-.097	Yellow	1 — #20 to 1 — #20	2-329422-1	Parallel	22-16
.078-.097	Yellow	1 — #20 to 2 — #20	2-328786-1	Parallel	16-14
.078-.097	Yellow	2 — #20 to 2 — #20	2-329423-1	Parallel	16-14
.078-.097	Yellow	2 — #20 to 3 — #20	2-329424-1	Parallel	12-10
.078-.097	Yellow	1 — #18 to 1 — #18	2-329426-1	Parallel	16-14
.078-.097	Yellow	1 — #18 to 2 — #18	2-328787-1	Parallel	12-10
.078-.097	Yellow	2 — #18 to 2 — #18	2-329427-1	Parallel	12-10
.078-.097	Yellow	3 — #18 to 3 — #18	2-329425-1	Parallel	12-10
.078-.097	Yellow	3 — #20 to 2 — #20	2-329429-1	Butt	16-14
.078-.097	Yellow	1 — #20 to 1 — #20	2-329430-1	Butt	22-16
.078-.097	Yellow	2 — #20 to 2 — #20	2-329431-1	Butt	22-16
.078-.097	Yellow	1 — #20 to 2 — #20	2-329432-1	Butt	22-16
.078-.097	Yellow	3 — #18 to 3 — #18	2-329437-1	Butt	12-10
.078-.097	Yellow	1 — #18 to 1 — #18	2-329438-1	Butt	22-16
.078-.097	Yellow	2 — #18 to 2 — #18	2-329439-1	Butt	16-14
.078-.097	Yellow	1 — #18 to 2 — #18	2-329440-1	Butt	16-14
.078-.097	Yellow	4 — #18 to 3 — #16	330266	Butt	12-10
.085-.105 .097-.115	Black White	1 — #16 to 2 — #18	2-329671-1	Butt	16-14

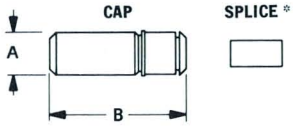
STRATO-THERM Terminals & Splices for High Temperature Applications

MULTIPLE TO SINGLE AND MULTIPLE TO MULTIPLE (Cont'd)

WIRE INSUL. O.D.	BUSHING COLOR	WIRE COMBINATIONS	CATALOG NUMBER	TYPE OF SPLICE	INNER SPLICE WIRE SIZE
.078-.097 #16	Yellow	1 — #16 to 3 — #22	2-330257-1	Parallel	12-10
.048-.064 #22	Red				
.097-.115	Natural	1 — #20 to 1 — #20	2-329365-1	Parallel	22-16
.097-.115	Natural	1 — #20 to 2 — #20	2-329324-1	Parallel	16-14
.097-.115	Natural	2 — #20 to 2 — #20	2-329366-1	Parallel	16-14
.097-.115	Natural	2 — #20 to 3 — #20	2-329363-1	Parallel	12-10
.097-.115	Natural	1 — #18 to 1 — #18	2-329367-1	Parallel	16-14
.097-.115	Natural	1 — #18 to 2 — #18	2-329325-1	Parallel	12-10
.097-.115	Natural	2 — #18 to 2 — #18	2-329368-1	Parallel	12-10
.097-.115	Natural	3 — #18 to 3 — #18	2-329364-1	Parallel	12-10
.097-.115	Natural	1 — #20 to 2 — #20	2-329428-1	Parallel	22-16
.097-.115	Natural	2 — #20 to 3 — #20	2-329433-1	Parallel	16-14
.097-.115	Natural	1 — #20 to 1 — #20	2-329434-1	Parallel	22-16
.097-.115	Natural	2 — #20 to 2 — #20	2-329435-1	Parallel	22-16
.097-.115	Natural	1 — #18 to 2 — #18	2-329436-1	Parallel	16-14
.097-.115	Natural	3 — #18 to 3 — #18	2-329441-1	Parallel	12-10
.097-.115	Natural	1 — #18 to 1 — #18	2-329442-1	Parallel	22-16
.097-.115	Natural	2 — #18 to 2 — #18	2-329443-1	Parallel	16-14
.097-.115	Natural	1 — #12 to 1 — #16	2-329673-1	Parallel	12-10
.135-.150	Green				
.097-.115 #16	Natural	1 — #16 to 2 — #18	2-329670-1	Parallel	12-10
.085-.105 #18	Black				
.097-.115 #16	Natural	1 — #16 to 1 — #12	2-329672-1	Parallel	12-10
.135-.150 #12	Green				
.078-.097	Yellow	1 — #16 to 1 — #22	330469	Parallel	16-14
.135-.155	Green	1 — #16 to 1 — #22	330470	Parallel	16-14

For combination not listed above contact AMP.

Post-Insulated Multiple Wire Splice Caps 550°F.



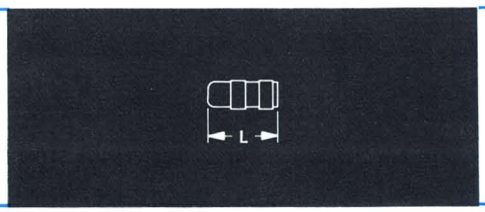
MULTIPLE WIRE SPLICE CAPS

WIRE SIZE	CAP CATALOG NUMBER	PARALLEL SPLICE* NUMBER NICKEL PLATED	"A" MAX. DIA.	"B" MAX. LENGTH	WIRE MAX. INSUL. O.D.	COLOR CODE
22-16	329685	323030	.218	.669	.135	Red
16-14	329686	323794	.250	.669	.160	Blue
12-10	329687	323754	.312	.781	.210	Yellow
8	329688	2-34318-1	.400	.906	.300	Red

*Must be ordered separately.

STRATO-THERM Terminals & Splices for High Temperature Applications

Pre-Insulated Spare Wire Caps 550°F. (For Unstripped Wire)



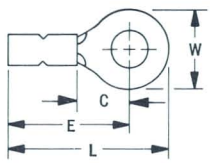
SPARE WIRE CAPS

CATALOG NUMBER	WIRE INS. O.D.	COLOR RING	"L" OVERALL MAX.	TOOL COLOR CODE	HAND TOOL NUMBER
328854	.036-.043	Red and Green	.500	Green	69272-1
328855	.044-.051	Blue and Green	.500	Green	69272-1
328856	.052-.056	Yellow and Green	.500	Green	69272-1
328857	.056-.064	Brown and Green	.500	Green	69272-1
328858	.065-.074	Violet and Green	.500	Green	69272-1
328859	.075-.087	Black and Orange	.500	Orange	69272-1
328860	.088-.110	Gray and Orange	.500	Orange	69272-1
328861	.125-.138	Nickel and Nickel	.500	White	69272-1
329638*	.111-.150	Brown	.490	Brown	69260-1
329639*	.151-.205	Natural	.490	White	69260-1

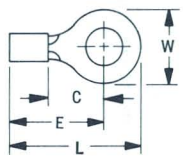
*One crimping ring only.

Uninsulated Terminals 1200°F.

INSULATION SUPPORT



NON-INSULATION SUPPORT



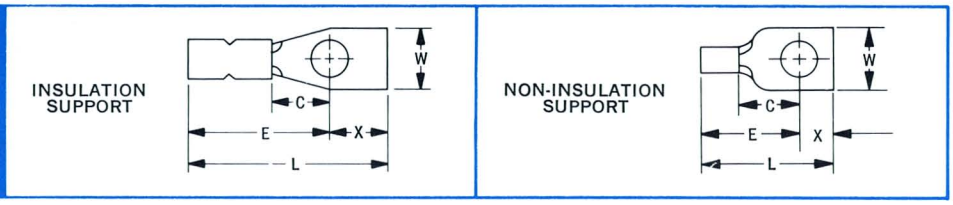
RING TONGUE (Nickel Material)

WIRE SIZE RANGE	STUD SIZE	TONGUE DIMENSIONS "C" MIN.	"W"	MATERIAL THICKNESS MAX.	INSULATION SUPPORT "E" MAX.	"L" MAX.	CATALOG NUMBER FOR .105 TO .140 INS. DIA.	NON-INSULATION SUPPORT "E" MAX.	"L" MAX.	CATALOG NUMBER
22-16	2	.156	.218	.033	.491	.603	321886†	.337	.449	321883†
	4	.156	.218	.033	.491	.603	321887†	.337	.449	321884†
	5	.156	.218	.033	.491	.603	321888†	.337	.449	321885†
	6	.250	.281	.033	.585	.728	321892†	.431	.574	321889†
	6	.281	.312	.033	.616	.775	322873†	.462	.621	322872†
	8	.250	.281	.033	.585	.728	321893†	.431	.574	321890†
	8	.281	.312	.033	.616	.775	321897†	.462	.621	321895†
	10	.250	.281	.033	.585	.728	321894†	.431	.574	321891†
	10	.281	.312	.033	.616	.775	321898†	.462	.621	321896†
	¼	.437	.468	.033	.772	1.009	322320†	.618	.855	322318†
							FOR .140 TO .195			
16-14	2	.171	.250	.033	.516	.644	322330†	.352	.480	322327†
	4	.171	.250	.033	.516	.644	322331†	.352	.480	322328†
	6	.171	.250	.033	.516	.644	322332†	.352	.480	322329†
	6	.281	.343	.033	.626	.800	322336†	.462	.636	322333†
	8	.281	.343	.033	.626	.800	322337†	.462	.636	322334†
	10	.281	.343	.033	.626	.800	322338†	.462	.636	322335†
	¼	.437	.468	.033	.782	1.019	322341†	.618	.855	322339†
	5/16	.437	.468	.033	.782	1.019	322342†	.618	.855	322340†
	3/8	.546	.531	.033	.891	1.159	322344†	.727	.995	322343
							FOR .150 TO .230			
12-10	6	.281	.375	.042	.796	.986	323748	.541	.731	323059†
	8	.281	.375	.042	.796	.986	323749	.541	.731	323745†
	10	.281	.375	.042	.796	.986	323750	.541	.731	323680†
	¼	.468	.531	.042	.983	1.251	323751	.736	1.004	323683†
	5/16	.468	.531	.042	.983	1.251	323752	.728	.996	323746†
	3/8	.531	.593	.042	1.046	1.345	323753	.791	1.090	323747

†Indicates terminal is available in tape mounted form.

STRATO-THERM Terminals & Splices for High Temperature Applications

Uninsulated Terminals 1200°F.

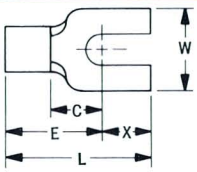


RECTANGULAR TONGUE (Nickel Material)

WIRE SIZE RANGE	STUD SIZE	TONGUE DIMENSIONS				INSULATION SUPPORT			NON-INSULATION SUPPORT		
		"C" MIN.	"W"	MATERIAL THICKNESS MAX.	TONGUE EXTENSION "X" NOM.	"E" MAX.	"L" MAX.	CATALOG NUMBER FOR .140 TO .195 INS. DIA.	"E" MAX.	"L" MAX.	CATALOG NUMBER
16-14	4	.281	.215	.033	.109	.626	.740	322349	—	—	—
	6	.312	.244	.033	.125	.657	.787	322352†	.493	.623	322350†
	8	.312	.244	.033	.125	.657	.787	322353†	.493	.623	322351†
	8	.343	.296	.033	.140	—	—	—	.524	.664	322354
	10	.281	.468	.033	.203	—	—	—	.462	.670	322356

†Indicates terminal is available in tape mounted form.

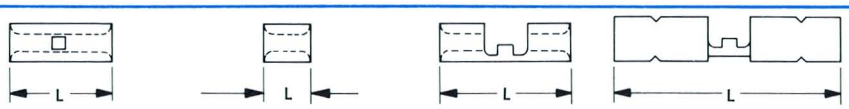
Uninsulated Terminals 1200°F.



SPADE TONGUE (Nickel Material)

WIRE SIZE RANGE	STUD SIZE	TONGUE DIMENSIONS				INSULATION SUPPORT			NON-INSULATION SUPPORT		
		"C" MIN.	"W"	MATERIAL THICKNESS MAX.	TONGUE EXTENSION "X" NOM.	"E" MAX.	"L" MAX.	CATALOG NUMBER FOR .140 TO .195 INS. DIA.	"E" MAX.	"L" MAX.	CATALOG NUMBER
16-14	8	.312	.375	.033	.187	—	—	—	.493	.685	323905

Uninsulated Splices 1200°F.



STYLE — A Non-Insul. Support Butt Splice

STYLE — B Non-Insul. Support Parallel Splice

STYLE — C Non-Insul. Support Butt Splice

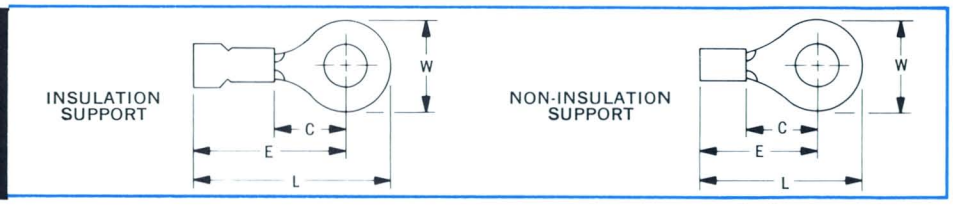
STYLE — D Insulation Support Butt Splice

(Nickel Material)

WIRE SIZE RANGE 22-16			WIRE SIZE RANGE 16-14			WIRE SIZE RANGE 12-10		
STYLE	"L" MAX.	CATALOG NUMBER NON-INSULATION SUPPORT	STYLE	"L" MAX.	CATALOG NUMBER NON-INSULATION SUPPORT	STYLE	"L" MAX.	CATALOG NUMBER NON-INSULATION SUPPORT
A	.578	322324	—	—	—	A	.567	323696
B	.301	322326	B	.301	322347	B	.333	323672
C	.529	323876	C	.529	323878	C	.703	323698
STYLE	"L" MAX.	FOR .105 TO .140 INS. DIA.	STYLE	"L" MAX.	FOR .140 TO .195 INS. DIA.	STYLE	"L" MAX.	FOR .150 TO .230 INS. DIA.
D	.837	322325	D	.857	322346	D	1.250	323699

STRATO-THERM Terminals for High Temperature Applications

Uninsulated Terminals 650°F.

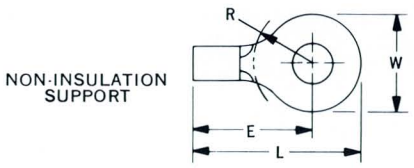


WIRE SIZE RANGE	STUD SIZE	TONGUE DIMENSIONS "C" MIN.	TONGUE DIMENSIONS "W"	TONGUE DIMENSIONS MATERIAL THICKNESS MAX.	INSULATION SUPPORT "E" MAX.	INSULATION SUPPORT "L" MAX.	INSULATION SUPPORT CATALOG NUMBER FOR .080 TO .125	INSULATION SUPPORT CATALOG NUMBER FOR .105 TO .140	NON-INSULATION SUPPORT "E" MAX.	NON-INSULATION SUPPORT "L" MAX.	NON-INSULATION SUPPORT CATALOG NUMBER
22-16	2	.156	.218	.033	.491	.603	—	322362†	.337	.449	322795†
	4	.156	.218	.033	.491	.603	—	322363†	.337	.449	322796†
	6	.250	.281	.033	.585	.728	—	323199†	.431	.574	323219
	6	.156	.218	.033	.491	.603	323151†	322364†	.337	.449	322797†
	8	.250	.281	.033	.585	.728	323152†	322365†	.431	.574	322798†
	10	.250	.281	.033	.585	.728	323153†	322366†	.431	.574	322799†
	1/4	.437	.469	.033	.772	1.009	323154†	322367†	.618	.855	322800†
	5/16	.437	.469	.033	.772	1.009	—	322368†	.618	.855	322801†
	3/8	.546	.531	.033	—	—	—	—	.727	.995	322802
							FOR .105 TO .150	FOR .140 TO .195			
16-14	4	.171	.250	.033	.516	.644	323157	322371†	.352	.480	322804†
	6	.281	.343	.033	.626	.800	—	322373†	.462	.636	322693†
	6	.171	.250	.033	.516	.644	323158†	322372†	.352	.480	322805†
	8	.281	.343	.033	.626	.800	323160†	322374†	.462	.636	322694†
	10	.281	.343	.033	.626	.800	323161†	322375†	.462	.636	322695†
	1/4	.437	.469	.033	.782	1.019	323162†	322376†	.618	.855	322733†
	5/16	.437	.469	.033	.782	1.019	—	322377†	.618	.855	322734†
	3/8	.546	.531	.033	.891	1.159	—	322378	.727	1.013	322806
							FOR .150 TO .230	FOR .150 TO .250			
12-10	6	.302	.375	.042	.817	1.007	323066	—	.570	.760	323060†
	8	.302	.375	.042	.817	1.007	323067	—	.570	.760	323061†
	10	.302	.375	.042	.817	1.007	323068	325154	.570	.760	323062†
	1/4	.468	.531	.042	.983	1.251	323069	325155	.736	1.004	323063†
	5/16	.468	.531	.042	.983	1.251	323070	—	.736	1.004	323064†
	3/8	.531	.593	.042	1.046	1.345	323071	—	.799	1.098	323065
8	10	.359	.406	.051	—	—	—	—	.743	.949	323165
	1/4	.359	.469	.051	—	—	—	—	.696	.933	323166
	5/16	.406	.562	.051	—	—	—	—	.790	1.074	323167
	3/8	.531	.594	.051	—	—	—	—	.868	1.168	323168

†Indicates terminal is available in tape mounted form.

STRATO-THERM Terminals & Splices for High Temperature Applications

Uninsulated Terminals 650°F. (Cont'd)



RING TONGUE (Nickel Plated) (Cont'd)

WIRE SIZE RANGE	STUD SIZE	TONGUE DIMENSIONS "C" MIN.	TONGUE DIMENSIONS "W"	TONGUE DIMENSIONS MATERIAL THICKNESS MAX.	INSULATION SUPPORT "E" MAX.	INSULATION SUPPORT "L" MAX.	INSULATION SUPPORT CATALOG NUMBER FOR .080 TO .125	INSULATION SUPPORT CATALOG NUMBER FOR .105 TO .140	NON-INSULATION SUPPORT "E" MAX.	NON-INSULATION SUPPORT "L" MAX.	NON-INSULATION SUPPORT CATALOG NUMBER
6	10	.531	.468	.060	—	—	—	—	.931	1.168	323169
	1/4	.531	.468	.060	—	—	—	—	.931	1.168	323170
	5/16	.531	.625	.060	—	—	—	—	.931	1.246	323171
	3/8	.531	.625	.060	—	—	—	—	.931	1.246	323172
4	1/4	.437	.500	.073	—	—	—	—	.946	1.199	323173
	5/16	.500	.625	.073	—	—	—	—	1.009	1.324	323174
	3/8	.500	.625	.073	—	—	—	—	1.009	1.324	323175

WIRE SIZE RANGE	STUD SIZE	TONGUE DIMENSIONS WASHER RADIUS "R" MAX.	TONGUE DIMENSIONS TONGUE WIDTH "W"	TONGUE DIMENSIONS MATERIAL THICKNESS MAX.	INSULATION SUPPORT "E" MAX.	INSULATION SUPPORT "L" MAX.	INSULATION SUPPORT CATALOG NUMBER FOR .080 TO .125	INSULATION SUPPORT CATALOG NUMBER FOR .105 TO .140	NON-INSULATION SUPPORT "E" MAX.	NON-INSULATION SUPPORT "L" MAX.	NON-INSULATION SUPPORT CATALOG NUMBER
2	1/4	.546	.625	.073	—	—	—	—	1.212	1.527	323176
	3/8	.540	.625	.073	—	—	—	—	1.212	1.527	323177
	1/2	.546	.812	.073	—	—	—	—	1.212	1.621	323178
1/0	1/4	.625	.807	.073	—	—	—	—	1.519	1.925	323179
	3/8	.625	.807	.073	—	—	—	—	1.519	1.925	323180
	1/2	.625	.875	.073	—	—	—	—	1.519	1.956	323181

Uninsulated Splices 650°F.

STYLE — A Non-Insul. Support Butt Splice

STYLE — B Non-Insul. Support Parallel Splice

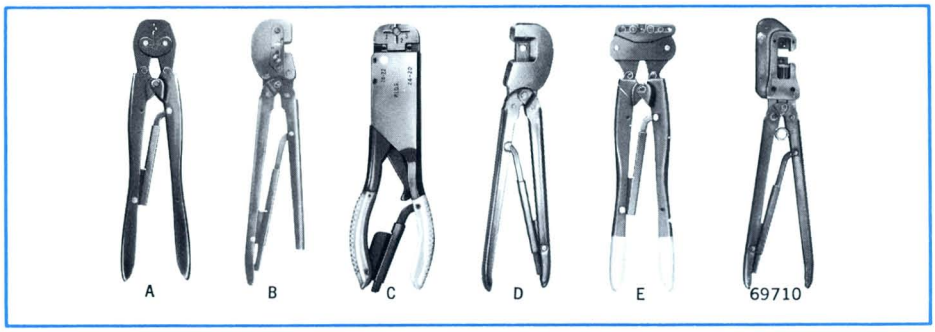
STYLE — C Non-Insul. Support Butt Splice

STYLE — D Insulation Support Butt Splice

(Nickel Plated)

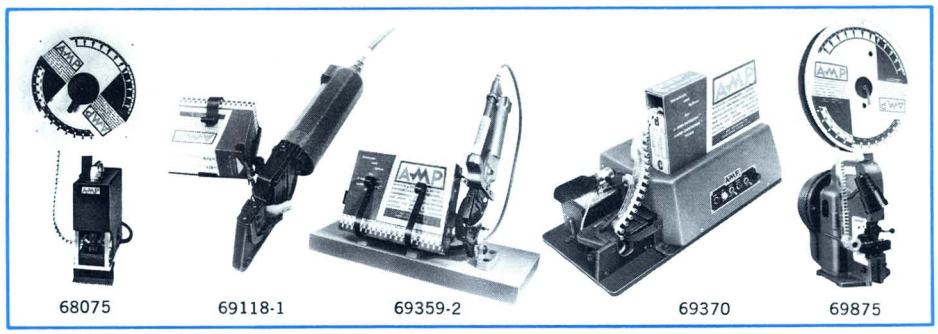
WIRE SIZE RANGE 22-16 STYLE	"L" MAX.	CATALOG NUMBER NON-INSULATION SUPPORT	WIRE SIZE RANGE 16-14 STYLE	"L" MAX.	CATALOG NUMBER NON-INSULATION SUPPORT	WIRE SIZE RANGE 12-10 STYLE	"L" MAX.	CATALOG NUMBER NON-INSULATION SUPPORT
A	.578	323796	A	.572	323795	A	.567	323755
B	.301	323030	B	.301	323794	B	.333	323754
C	.591	322822	C	.529	322824	C	.703	323756
STYLE	"L" MAX.	FOR 105 TO .140 INS. DIA.	STYLE	"L" MAX.	FOR .140 TO .195 INS. DIA.	STYLE	"L" MAX.	FOR .150 TO .230 INS. DIA.
D	.837	322823	D	.867	322825	D	1.229	323757

Hand Tooling



Pneumatic Tooling

AMP-TAPEMATIC Tooling



PIDG Terminals (26-10 AWG)

WIRE SIZE RANGE	HAND TOOL		DIES FOR NO. 69710, NO. 69365 and NO. 46110*	DIES FOR NO. 69118-1	DIES FOR NO. 69370	DIES FOR NO. 69875	DIES FOR NO. 68075
	PART NO.	STYLE					
26-24	69692-1	C	69731	69736	69736	69935	69935
22-20	69692-1	C	69732	69737	69737	69936	69936
18-16	69693-1	C	69733	69738	69738	69937	69937
14	69693-1	C	69734	—	69739	69938	69938
12-10	69694-1	B	69735	—	69740	69939	69939

*Maximum wire range 18-16.
Refer to Ordering Information on page 1 for quantity of terminal packaged per box or reel.

Pre-Insulated Splices (22-12 AWG)

WIRE SIZE	DIES FOR NO. 69710 and NO. 69365
22-20	69327
18-16	69328
14-12	69329

Post-Insulated Terminals and Splices (26-10 AWG)

WIRE SIZE RANGE	TERMINAL OR SPLICE TOOL NO. (STYLE E)	POST INSULATION RING TOOL NO. (STYLE E)
26-24	45730	45730
22-20	46467	46467
18-16	46468	46468
14	46469	46469
12-10	46470	46470

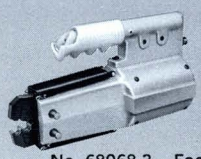
STRATO-THERM
Tooling (Cont'd)

Post-Insulated Terminals and Splices (8-2/0 AWG)

WIRE SIZE	POWER UNIT NO. 69120-1 (110V) NO. 69120-2 (220V) CRIMPING HEAD 69099 TERM. AND SPLICE DIE NO.*	INS. RING DIE NO.*	JAWS FOR TOOL NO. 68068, 68068-1 & 68068-3
8	69216	69211-1	68135
6	69217	69212-1	68136
4	69218	69213-1	—
2	45433	69214-1	—
1/0	45436	69215-1	—
2/0	45439	69254-1	—

*Die number includes indenter and nest.

Power Unit No. 69120-1 and 69120-2 For Accessories See Table below



Pneumatic Tool No. 68068— As shown No. 68068-1— Handle mounted on side of tool

No. 68068-3—Foot pedal Can be bench mounted

Post-Insulated Multiple Wire Splices and Splice Caps

Moisture Sealed Splices (22-10 AWG)

WIRE SIZE RANGE	SPLICE HAND TOOL NO. (STYLE A)	POST-INSULATION RING HAND TOOL NO. (STYLE D)
22-16	46447	69322-1
16-14	46447	69322-1
12-10	46447	69322-1

Splice Caps (22-8 AWG)

WIRE SIZE RANGE	PARALLEL SPLICE HAND TOOL PART NO.	STYLE	POST INSULATION RING HAND TOOL NO. (STYLE D)
22-16	46447	A	69308-1
16-14	46447	A	69309-1
12-10	46447	A	69296-1
8*	69355	B	69322-1
8**	69355	B	59498

*Maximum insulation dia. .255
**Maximum insulation dia. .300

Terminals and Un-Insulated Splices Non-Insulation Support (22-1/0 AWG)

WIRE SIZE RANGE	LONG HANDLE TOOL NO. (STYLE A)	HEAVY HEAD TOOL NO. (STYLE B)	PNEUMATIC HAND TOOLS HEADS FOR NO. 69005	HEADS FOR NO. 69010	HEADS FOR NO. 69015	DIE FOR AMP-TAPEMATIC TOOLS TOOL NO. 69118-1, 69359-2 & 69370	TOOL NO. 69875	TOOL NO. 68075
22-16	46447	—	45133	46448	—	69771	69954	69954
16-14	46447	—	45133	46448	—	69772	69955	69955
12-10	46447	—	45133	46448	—	69751	69956	69956
8	—	69355	—	38394	49956	—	—	—
6	—	—	—	38923	48172	—	—	—
4	—	—	—	—	48173	—	—	—
2	—	—	—	—	48174	—	—	—
1/0	—	—	—	—	48183	—	—	—

Insulation Support (22-10 AWG)

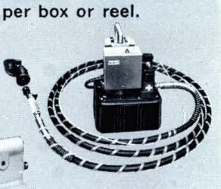
RANGE WIRE SIZE	LONG HANDLE TOOL NO. (STYLE A)	HEAVY HEAD TOOL NO. (STYLE B)	PNEUMATIC HAND TOOLS HEADS FOR NO. 69005	HEADS FOR NO. 69010	HEADS FOR NO. 69015	DIE FOR AMP-TAPETRONIC TOOLS TOOL NO. 69875	TOOL NO. 68075
22-16	46673	—	—	45175	—	69930	69930
16-14	46988	59294	—	45176	—	69931	69931
12-10	—	59461	—	—	—	69932	69932

Refer to Ordering Information on page 1 for quantity of terminals packaged per box or reel.

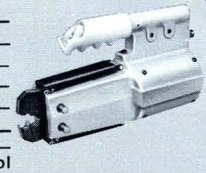
Un-Insulated Terminals and Splices Non-Insulation Support (8-1/0 AWG)

WIRE SIZE	POWER UNIT* NO. 69120-1 (110V) NO. 69120-2 (220V) CRIMPING HEAD 69065 INDENTER DIE NO.	NEST DIE NO.	CRIMPING HEAD 69099 TERM. AND SPLICE DIE NO.**	JAWS FOR TOOL NO. 68068, 68068-1 & 68068-3
8	48355	48126	69216	68135
6	48127	48128	69217	68136
4	48127	48129	69218	—
2	48127	48130	45433	—
1/0	48131	48132	45436	—

*NOTE: Also available in No. 69020 hydraulic hand tool — uses same dies as No. 69065 head. Hydraulic hand tool No. 69062 and Hydraulic crimping head No. 69069 can be used for 8 through 2 AWG and has self-contained dies.
**Die number includes indenter and nest.



Power Unit No. 69120-1 and 69120-2 For Accessories See Table below



Pneumatic Tool No. 68068— As shown No. 68068-1— Handle mounted on side of tool

No. 68068-3—Foot pedal Can be bench mounted

Accessories For #69120-1 & 2 Power Units

HANDLE CONTROL — HOSE ASSEMBLY LENGTH	PART NO.	FOOT SWITCH ASSEMBLY (NEEDS HOSE ASSEMBLY) LENGTH	PART NO.	HOSE ASSEMBLY* LENGTH	PART NO.	MULTI-DIRECTIONAL VALVE CONFIGURATION	PART NO.
7'	59512-5	7'	303775	3'	306023-4	3-Way	59220
15'	59512-6	15'	303776	7'	306023-1	3-Way (Elec. Control)	59220-2
21'	59512-7	21'	303777	15'	306023-2	6-Way	59221
—	—	—	—	21'	306023-3	6-Way (Elec. Control)	59221-2

*47206 Crimping Head Coupling needed with these hose assemblies.