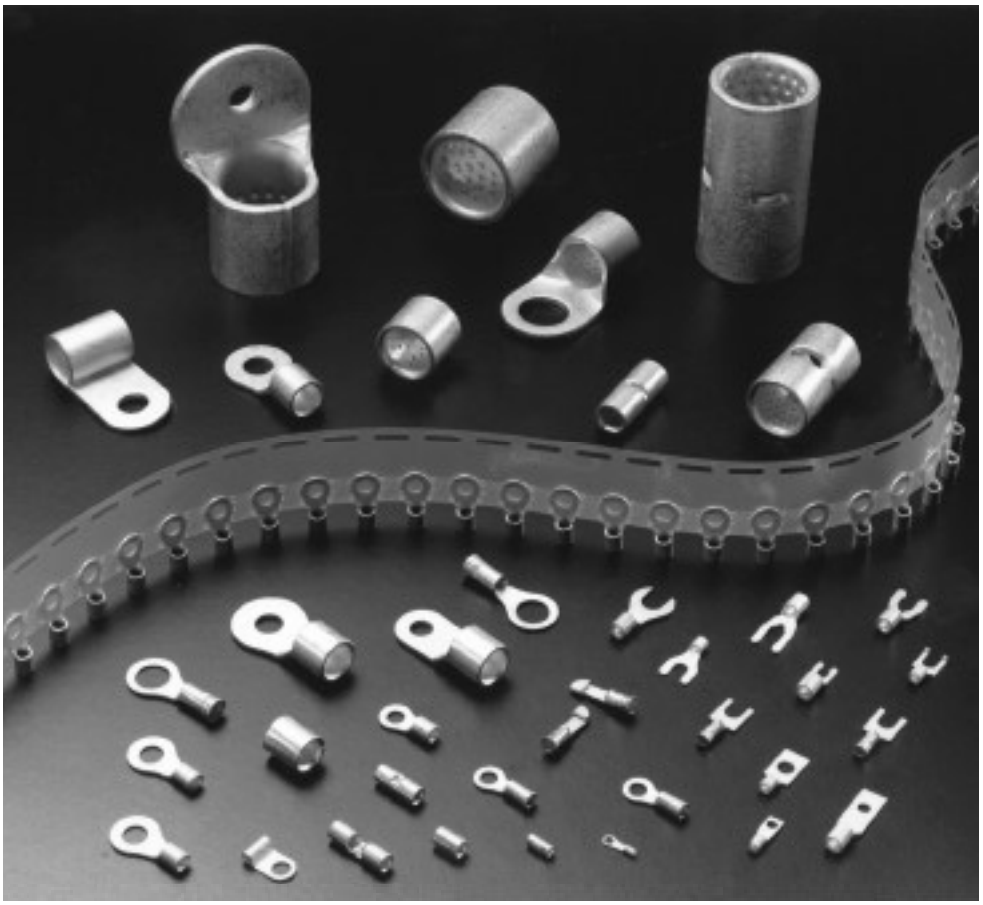
Product Facts

- **SOLISTRAND Terminals and Splices**
- **Utilize a brazed seam**
- **Applied with "W" crimp tooling**
- **Available in wire sizes 26 AWG – 600 MCM [0.1–304 mm²]**
- **For terminating solid & stranded wires**
- **U.L. Listed**
  CSA Certified
  Military Approved
- **Budget Terminals and Splices**
- **Utilize a butted seam**
- **Applied with "F" crimp tooling**
- **Availble in wire sizes 26 – 10 AWG [0.1–6.64 mm²]**
- **For terminating stranded wire only**
- **U.L. Listed**
- **DIAMOND GRIP Terminals and Splices**
- **Utilize a butted seam**
- **Metal insulation support sleeve with "V" notches**
- **Applied with a "C" crimp**
- **Available in wire sizes 26-10 AWG (0.1-6.64 mm²)**
- **For terminating stranded wire only**
- **U.L. Listed**
  CSA Certified



SOLISTRAND and Budget terminals and splices are specially designed to terminate solid and stranded wire, irregular shaped conductors, and combinations of these — retaining the superior performance characteristics of single-purpose terminals and splices.

Corrosion resistance, vibration resistance and tensile strength of these terminals and splices are well within the limits of commercial and military specifications.

The Budget terminal is primarily the same as the SOLISTRAND terminals without the brazed seam in the wire barrel. These terminals and splices fulfill the need for an economical and electrically superior termination where extreme vibration and tension on the wires are not present.

DIAMOND GRIP utilizes a tin plated copper insulation support sleeve with "V" notches. The sleeve eliminates fraying of the insulation or breaking of the conductor. The "V" notches lock the wire insulation against vibration and pullout.

Need more information?

Call the AMP Technical Support Center:
1-800-522-6752

The Technical Support Center is staffed with specialists well versed in all AMP Products. The Center can provide you with:

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Table of Contents

How to Compute Circular
Mil Area of Various Wire Shapes 3
Table of SOLISTRAND and Budget Standard Wire Ranges 3
Table listing: Circular Mil Area for common wire sizes....4 – 7
Product Descriptions 8, 9, 10
Stud Hole Sizes 11

SOLISTRAND and Budget

Ring Tongue Terminals....12– 20
26 AWG – 600 MCM [0.1– 304 mm²]
Right Angle Ring Tongue Terminals....21
22 AWG – 300 MCM [0.26– 152 mm²]
Heavy Duty Ring Tongue Terminals 22, 23
16 – 1/0 AWG [1.04 – 60.6 mm²]
Rectangular Tongue Terminals 24, 25
22 – 10 AWG [0.26 – 6.64 mm²]
Spade Tongue Terminals 26
26 – 10 AWG [0.1 – 6.64 mm²]
Short Spring Spade Tongue Terminals 27, 28
26 – 10 AWG [0.1 – 6.64 mm²]
Long Spring Spade Tongue Terminals 29
26 – 10 AWG [0.1 – 6.64 mm²]
Flanged Spade Tongue Terminals 30
26 – 10 AWG [0.1 – 6.64 mm²]
Slotted Ring Tongue Terminals 31
26 – 10 AWG [0.1 – 6.64 mm²]
Hook Tongue Terminals 32
22 – 10 AWG [0.26 – 6.64 mm²]
Tab Tongue Terminals....32
22 – 8 AWG [0.26 – 10.5 mm²]
Flag Ring Tongue Terminals....33, 34
16 – 4/0 AWG [1.04 – 117 mm²]
Parallel Splices....35
22 AWG– 600 MCM [0.26 – 304 mm²]
Butt Splices 36, 37
26 AWG – 600 MCM [0.1 – 304 mm²]

DIAMOND GRIP

Ring Tongue Terminals 38, 39
26 – 10 AWG [0.1– 6.64 mm²]
Knife Disconnect Splices 40
22 – 10 AWG [0.26 – 6.64 mm²]
Slotted Ring Tongue....40
26 – 16 AWG [0.1 – 1.65 mm²]
Rectangular Tongue Terminals 41
22 – 16 AWG [0.26 – 1.65 mm²]
Flanged Spade Tongue Terminals 41
26 – 14 AWG [0.1 – 2.62 mm²]
Spade Tongue Terminals 42
26 – 16 AWG [0.1 – 1.65 mm²]

Standard "B"

Knife Disconnect Splices 43
22 – 8 AWG [0.26 – 10.5 mm²]
Rectangular Tongue Terminals 43
22 – 14 AWG [0.26 – 2.62 mm²]

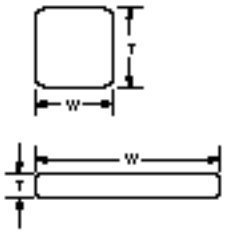
Military Approvals, Part Numbers & Requirements ....44 – 48
U.L. Requirements....49, 50
Application Tooling 51– 56
Part Number Index....57– 59

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How to Compute Circular Mil Area of Various Wire Shapes

Square or Rectangular Wire



U.S. Customary Dimensions

Multiply the width of the wire cross section in mils by the thickness of the wire cross section in mils by 1.2732 and subtract the radius factor shown below.

CMA = W x T x 1.2732 – radius factor

Metric Dimensions

Multiply the width of the wire cross section in millimetres by the thickness of the wire cross section in millimetres by 1973.525 and subtract the radius factor shown below.

CMA = W x T x 1973.525 – radius factor

Round Solid Wire AWG



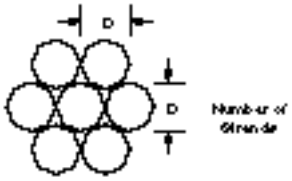
Multiply the diameter in mils by itself.

CMA = D^2

Multiply the diameter in milllimetres by itself by 1550.003

CMA = D^2 x 1550.003

Stranded Wire AWG



Multiply the diameter of one strand (in mils) by itself, and then multiply the result by the total number of strands.

CMA = D^2 x N

Multiply the diameter of one strand in millimetres by itself by the number of strands by 1550.003.

CMA = D^2 x N x 1550.003

Conversion Table

To Convert From	To	Multiply By
CMA	mm^2	.0005067075
CMA	in^2	.0000007854
mm^2	in^2	.001550003
mm^2	CMA	1973.525

Note: Refer to table listing for circular mil area for common wire sizes.

Radius Factor, U.S. Customary

Radius (in.)	Radius Factor To Subtract (CMA)
.010	110
.012	158
.016	280
.020	438
.026	740
.032	1121
.040	1752
.063	4346
.094	9675

Radius must be measured.

Radius Factor, Metric

Radius (mm)	Radius Factor To Subtract (CMA)
0.25	106
0.3	153
0.35	208
0.4	272
0.5	424
0.6	611
0.8	1086
1.2	2444

Radius must be measured.

Table of SOLISTRAND and Budget Standard Wire Ranges

Use to select the proper size terminals or splices.

Terminal Connector Size	CMA Range
26–22	202–810
24–20	320–1,290
22–16	509–3,260
16–14 & 16–14 HD	2,050–5,180
14–12	3,260–8,230
12–10	5,180–13,100
8 & 8 HD	13,100–20,800
6 & 6 HD	20,800–33,100
4 & 4 HD	33,100–52,600

Terminal Connector Size	CMA Range
2 & 2 HD	52,600–83,700
1/0 & 1/0 HD	83,700–119,500
2/0	119,500–150,500
3/0	150,500–190,000
4/0	190,000–231,000
250–300 MCM	231,000–300,000
300–350 MCM	300,000–380,000
400 MCM	350,000–478,000
500–600 MCM	478,000–600,000

HD-Denotes Heavy Duty Terminal.

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Wire Sizes in AWG and mm² to CMA

Note: The following tables are applicable to single and multiple strand, round, conductors only.

Computing Circular Mil Area

For best results, the proper AMP terminal or splice must be selected not by the "fit" of wire or wires in the terminal barrel, but by the total circular mil area in cross section of the wires used. For this purpose AMP has prepared convenient tables to assist in the calculation of circular mil areas. When the totals are known, the proper AMP terminal or splice can be determined quickly.

Unusual combinations or special applications should be submitted to AMP engineering department for size recommendation. In any application, the careful selection of terminals by the circular mil area method will insure the highest possible performance, both electrically and mechanically, in your AMP terminations.

Example of multiple wire configurations used in one termination

ALWAYS SELECT TERMINALS BY THE CIRCULAR MIL AREA METHOD. For example, a No. 18 AWG 16-strand conductor (1600 CMA) and a No. 16 AWG 19-strand conductor (2426 CMA) will have a combined total of 4026 CMA. This total CMA is equivalent to a No. 14 AWG conductor.

Table listing: Circular Mil Area for common wire sizes

CMA	Nominal Wire Size		Strands			Approximate Conductor Diameter	
			No.	Diameter			
	AWG	mm²		Inch	mm	Inch	mm
3.8	44	0.002	1	0.00195	0.050	0.002	0.051
4.0	44	0.002	1	0.002	0.051	0.002	0.051
4.8	43	0.002	1	0.0022	0.056	0.0022	0.056
6.3	42	0.003	1	0.0025	0.064	0.0025	0.064
7.8	41	0.004	1	0.0028	0.071	0.0028	0.071
9.6	40	0.005	1	0.0031	0.079	0.0031	0.079
12.3	39	0.006	1	0.0035	0.089	0.0035	0.089
15.2	38	0.008	1	0.0039	0.099	0.0039	0.099
16.0	38	0.008	1	0.004	0.102	0.004	0.102
20.2	37	0.010	1	0.0045	0.114	0.0045	0.114
25.0	36	0.013	1	0.005	0.127	0.005	0.127
31.4	35	0.016	1	0.0056	0.142	0.0056	0.142
39.7	34	0.020	1	0.0063	0.160	0.0063	0.160
50.0	33	0.025	1	0.00707	0.180	0.0071	0.180
50.4	33	0.026	1	0.0071	0.180	0.0071	0.180
64.0	32	0.032	1	0.008	0.203	0.008	0.203
79.2	31	0.040	1	0.0089	0.226	0.0089	0.226
100.0	30	0.051	1	0.01	0.254	0.01	0.254
104.0	30	0.053	26	0.002	0.051	0.012	0.305
127.7	29	0.064	1	0.0113	0.287	0.011	0.279
152.1	29	0.077	10	0.0039	0.099	0.013	0.330
158.8	29	0.080	1	0.0126	0.320	0.013	0.330
175.0	28	0.089	7	0.005	0.127	0.015	0.381
182.6	28	0.093	19	0.0031	0.079	0.016	0.406
202	27	0.102	1	0.0142	0.361	0.014	0.356
204	27	0.103	51	0.002	0.051	0.016	0.406
238	26	0.121	6	0.0063	0.160	0.018	0.457
250	26	0.127	26	0.0031	0.079	0.018	0.457
250	26	0.127	10	0.005	0.127	0.018	0.457
251	26	0.127	8	0.0056	0.142	0.018	0.457
253	26	0.128	1	0.0159	0.404	0.016	0.406
256	26	0.130	16	0.004	0.102	0.018	0.457
274	26	0.139	18	0.0039	0.099	0.022	0.558
278	26	0.141	7	0.0063	0.160	0.019	0.483
288	26	0.146	72	0.002	0.051	0.022	0.559
300	26	0.152	3	0.01	0.254	0.02	0.508
304	26	0.154	19	0.004	0.102	0.02	0.508
313	25	0.159	1	0.0177	0.450	0.018	0.457
314	25	0.159	10	0.0056	0.142	0.02	0.508
318	25	0.161	8	0.0063	0.160	0.021	0.533
320	25	0.162	1	0.0179	0.455	0.018	0.457
388	24	0.197	1	0.0197	0.500	0.02	0.508
397	24	0.201	10	0.0063	0.160	0.023	0.584
400	24	0.203	16	0.005	0.127	0.023	0.584
400	24	0.203	4	0.01	0.254	0.023	0.584
403	24	0.204	8	0.0071	0.180	0.023	0.584
404	24	0.205	1	0.0201	0.511	0.02	0.508
408	24	0.207	13	0.0056	0.142	0.023	0.584
408	24	0.207	102	0.002	0.051	0.02	0.508
475	24	0.241	19	0.005	0.127	0.023	0.584
634	22	0.321	8	0.0089	0.226	0.029	0.737
635	22	0.322	16	0.0063	0.160	0.029	0.737
640	22	0.324	10	0.008	0.203	0.029	0.737
640	22	0.324	1	0.0253	0.643	0.025	0.635
650	22	0.329	26	0.005	0.127	0.033	0.838
700	22	0.355	7	0.01	0.254	0.03	0.762
754	22	0.382	19	0.0063	0.160	0.033	0.838
812	21	0.411	1	0.0285	0.724	0.029	0.737
992	20	0.503	1	0.0315	0.800	0.032	0.813
1000	20	0.507	10	0.01	0.254	0.038	0.965
1008	20	0.511	20	0.0071	0.180	0.039	0.991
1024	20	0.519	16	0.008	0.203	0.039	0.991
1024	20	0.519	1	0.032	0.813	0.032	0.813
1024	20	0.519	256	0.002	0.051	0.039	0.991
1025	20	0.519	41	0.005	0.127	0.038	0.965
1032	20	0.523	26	0.0063	0.160	0.039	0.991
1111	20	0.563	7	0.0126	0.320	0.039	0.991
1186	20	0.601	19	0.0079	0.201	0.041	1.041
1289	19	0.653	1	0.0359	0.912	0.036	0.914
1492	18.5	0.756	7	0.0146	0.371	0.047	1.194
1512	18.5	0.766	30	0.0071	0.180	0.047	1.194
1536	18.5	0.778	384	0.002	0.051	0.047	1.194
1536	18.5	0.778	24	0.008	0.203	0.047	1.194
1600	18	0.811	16	0.01	0.254	0.049	1.245
1608	18	0.815	19	0.0092	0.234	0.049	1.245

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Table listing: Circular Mil Area for common wire sizes (Continued)

Wire Sizes in AWG and mm² to CMA

Note: The following tables are applicable to single and multiple strand, round, conductors only.

CMA	Nominal Wire Size		Strands			Approximate Conductor Diameter	
			No.	Diameter			
	AWG	mm²		Inch	mm	Inch	mm
1617	18	0.819	7	0.0152	0.386	0.042	1.067
1624	18	0.823	1	0.0403	1.024	0.04	1.016
1625	18	0.823	65	0.005	0.127	0.04	1.016
1627	18	0.824	41	0.0063	.0160	0.049	1.245
1639	18	0.830	7	0.0153	0.389	0.042	1.067
1770	18	0.897	7	0.0159	0.404	0.048	1.219
1900	18	0.963	19	0.01	0.254	0.052	1.321
1980	17	1.003	1	0.0445	1.130	0.045	1.143
1999	17	1.013	7	0.0169	0.429	0.047	1.194
2048	17	1.038	32	0.008	0.203	0.047	1.194
2048	17	1.038	512	0.002	0.051	0.049	1.245
2052	17	1.040	1	0.0453	1.151	0.045	1.143
2426	16	1.229	19	0.0113	0.287	0.061	1.549
2521	16	1.277	50	0.0071	0.180	0.059	1.499
2540	16	1.287	16	0.0126	0.320	0.059	1.499
2580	16	1.307	65	0.0063	0.160	0.059	1.499
2581	16	1.308	1	0.0508	1.290	0.051	1.295
2600	16	1.317	26	0.01	0.254	0.061	1.549
2625	16	1.330	105	0.005	0.127	0.059	1.499
2800	16	1.419	7	0.02	0.508	0.061	1.549
2942	15.5	1.491	7	0.0205	0.521	0.059	1.499
2948	15.5	1.494	1	0.0543	1.379	0.054	1.372
3000	15.5	1.520	30	0.01	0.254	0.059	1.499
3073	15.5	1.557	392	0.0028	0.071	0.061	1.549
3260	15	1.652	1	0.0571	1.450	0.057	1.448
3831	14	1.941	19	0.0142	0.361	0.076	1.930
3899	14	1.976	7	0.0236	0.599	0.071	1.803
4079	14	2.067	37	0.0105	0.267	0.073	1.854
4099	14	2.077	7	0.0242	0.615	0.076	1.930
4100	14	2.077	41	0.01	0.254	0.077	1.956
4106	14	2.081	19	0.0147	0.373	0.076	1.930
4109	14	2.082	1	0.0641	1.628	0.064	1.626
4128	14	2.092	26	0.0126	0.320	0.075	1.905
4167	14	2.111	105	0.0063	0.160	0.073	1.854
4234	14	2.145	84	0.0071	0.180	0.074	1.880
4802	13.5	2.433	50	0.0098	0.249	0.087	2.210
4842	13.5	2.453	7	0.0263	0.668	0.079	2.007
4914	13.5	2.490	1	0.0701	1.781	0.07	1.778
5184	13	2.627	1	0.072	1.829	0.072	1.829
6088	12	3.085	19	0.0179	0.455	0.096	2.438
6343	12	3.214	165	0.0062	0.157	0.095	2.413
6475	12	3.281	259	0.005	0.127	0.105	2.667
6500	12	3.294	65	0.01	0.254	0.096	2.438
6503	12	3.295	19	0.0185	0.470	0.092	2.337
6509	12	3.298	41	0.0126	0.320	0.094	2.388
6512	12	3.300	7	0.0305	0.775	0.086	2.184
6529	12	3.308	1	0.0808	2.052	0.081	2.057
6545	12	3.316	37	0.0133	0.338	0.093	2.362
6654	12	3.372	84	0.0089	0.226	0.094	2.388
6946	11.5	3.520	7	0.0315	0.800	0.094	2.388
7856	11.5	3.981	7	0.0335	0.851	0.1	2.540
7985	11.5	4.046	19	0.0205	0.521	0.101	2.565
8064	11.5	4.086	56	0.012	0.305	0.102	2.591
8226	11	4.168	1	0.0907	2.304	0.091	2.311
9072	10	4.597	7	0.036	0.914	0.096	2.438
9472	10	4.799	37	0.016	0.406	0.109	2.769
10080	10	5.108	1	0.1004	2.550	0.1	2.540
10319	10	5.229	37	0.0167	0.424	0.109	2.769
10319	10	5.229	65	0.0126	0.320	0.118	2.997
10365	10	5.252	41	0.0159	0.404	0.122	3.099
10376	10	5.258	7	0.0385	0.978	0.096	2.438
10384	10	5.262	1	0.1019	2.588	0.102	2.591
10404	10	5.272	19	0.0234	0.594	0.117	2.972
10500	10	5.320	105	0.01	0.254	0.116	2.946
10867	10	5.506	7	0.0394	1.001	0.118	2.997
11696	10	5.926	84	0.0118	0.300	0.13	3.302
11710	10	5.933	7	0.0409	1.039	0.128	3.251
11816	10	5.987	1	0.1087	2.761	0.109	2.769
12066	10	6.114	19	0.0252	0.640	0.126	3.200
13087	9	6.5	1	0.1144	2.91	0.114	2.90
13125	9	7	525	.0050	0.13	0.140	3.56
14175	8	7	7	.0450	1.14	0.146	3.71
14368	8	7.5	19	.0275	0.70	0.145	3.68
15595	8	8	7	.0472	1.20	0.142	3.60
15665	8	8	50	.0177	0.45	0.146	3.70

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Table listing: Circular Mil Area for common wire sizes (Continued)

Wire Sizes in AWG and mm² to CMA

Note: The following tables are applicable to single and multiple strand, round, conductors only.

CMA	Nominal Wire Size		Strands			Approximate Conductor Diameter	
			No.	Diameter			
	AWG	mm²		Inch	mm	Inch	mm
16387	8	8	133	.0111	0.28	0.167	4.24
16473	8	8	37	.0211	0.54	0.150	3.81
16512	8	8	1	.1285	3.26	0.129	3.26
16533	8	8	7	.0486	1.23	0.146	3.71
16535	8	8	19	.0295	0.75	0.148	3.76
16589	8	8	49	.0184	0.47	0.150	3.81
16983	8	8.5	133	.0113	0.29	0.167	4.24
18853	7	10	19	.0315	0.80	0.161	4.10
19719	7	10	80	.0157	0.40	0.165	4.20
19737	7	10	7	.0531	1.35	0.159	4.05
19768	7	10	1	.1406	3.57	0.141	3.57
19796	7	10	49	.0201	0.51	0.161	4.10
26179	6	13	37	.0266	0.68	0.174	4.42
26218	6	13	7	.0612	1.55	0.184	4.67
26244	6	13	1	.1620	4.11	0.162	4.11
26292	6	15	19	.0372	0.94	0.202	5.13
26818	6	14	133	.0142	0.36	0.210	5.33
27783	6	14	7	.0630	1.60	0.189	4.80
31057	5.5	16	126	.0157	0.400	0.209	5.30
31329	5.5	16	7	.0669	1.700	0.197	5.00
31400	5.5	16	1	.1772	4.500	0.177	4.50
32199	5	16	37	.0295	0.750	0.197	5.00
33088	5	15.5	1	.1819	4.620	0.182	4.62
40682	4.5	20	41	.0315	0.800	0.236	6.00
41616	4	21	1	.2040	5.182	0.204	5.18
41718	4	21	7	.0772	1.961	0.232	5.89
41771	4	21	37	.0336	0.853	0.240	6.10
41792	4	21	19	.0469	1.191	0.226	5.74
42615	4	21	133	.0179	0.455	0.272	6.90
43356	3.5	22	7	.0787	2.000	0.236	6.00
48312	3	25	196	.0157	0.400	0.260	6.60
48867	3	25	783	.0079	0.200	0.280	7.10
49745	3	25	7	.0843	2.140	0.253	6.42
50010	3	25	84	.0244	0.620	0.260	6.60
57205	2.5	34	7	.0904	2.296	0.292	7.42
57459	2.5	30	7	.0906	2.300	0.272	6.90
66049	2	34	1	.2570	6.528	0.257	6.53
66139	2	34	19	.0590	1.499	0.332	8.43
66500	2	35	665	.0100	0.254	0.345	8.76
66517	2	34	37	.0424	1.077	0.300	7.62
68031	2	35	276	.0157	0.400	0.307	7.80
68857	2	35	19	.0602	1.530	0.301	7.65
69088	2	35	1107	.0079	0.200	0.335	8.50
73400	1.5	38	7	.1024	2.600	0.307	7.80
81700	1	41	817	.0100	0.254	0.382	9.70
83600	1	42	836	.0100	0.254	0.386	9.80
84341	1	40	85	.0315	0.800	0.339	8.60
95509	0	50	19	.0709	1.800	0.354	9.00
97610	0	50	396	.0157	0.400	0.406	10.30
98409	0	50	702	.0118	0.300	0.370	9.40
104500	0	53	1045	.0100	0.254	0.431	10.95
106400	0	54	1064	.0100	0.254	0.435	11.05
117680	0	60	19	.0787	2.000	0.394	10.00
133000	00	67	1330	.0100	0.254	0.486	12.34
135023	00	70	19	.0843	2.140	0.421	10.70
139101	00	70	999	.0118	0.300	0.488	12.40
139712	00	70	360	.0197	0.500	0.488	12.40
155959	000	80	19	.0906	2.300	0.453	11.50
167200	000	85	1672	.0100	0.254	0.545	13.84
184343	000	95	475	.0197	0.500	0.571	14.50
185468	000	95	1332	.0118	0.300	0.571	14.50
186972	000	95	19	.0992	2.520	0.496	12.60
199229	0000	100	19	.1024	2.600	0.512	13.00
210900	0000	105	2109	.0100	0.254	0.635	16.13
235959	0000	120	608	.0197	0.500	0.630	16.00
236208	0000	120	37	.0799	2.030	0.571	14.50
247791	0000	125	19	.1142	2.900	0.571	14.50
249856	250	127	61	.0640	1.623	0.576	14.63
249864	250	127	91	.0524	1.331	0.576	14.63
249870	250	127	12	.1443	3.665	0.600	15.24
249966	250	127	19	.1147	2.913	0.574	14.58
250003	250	127	37	.0822	2.088	0.575	14.61
299700	300	152	37	.0900	2.29	0.630	16.0
299755	300	152	61	.0701	1.781	0.631	16.03
299823	300	152	91	.0574	1.458	0.631	16.03

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Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.
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Table listing: Circular Mil Area for common wire sizes (Continued)

Wire Sizes in AWG and mm² to CMA

Note: The following tables are applicable to single and multiple strand, round, conductors only.

CMA	Nominal Wire Size		Strands			Approximate Conductor Diameter	
	AWG	mm²	No.	Diameter Inch	Diameter mm	Inch	mm
299947	300	152	12	.1581	4.016	0.657	14.66
300209	300	152	19	.1257	3.193	0.629	15.98
349560	350	177	61	.0757	1.923	0.681	17.3
349804	350	177	91	.0620	1.575	0.682	17.32
349875	350	177	19	.1357	3.447	0.679	17.25
350072	350	177	12	.1708	4.338	0.710	18.03
350290	350	177	37	.0973	2.471	0.681	17.3
400026	400	203	19	.1451	3.686	0.726	18.44
400192	400	203	37	.1040	2.642	0.728	18.49
400221	400	203	61	.0810	2.057	0.729	18.49
400008	400	203	91	.0663	1.684	0.729	18.49
499868	500	253	19	.1622	4.12	0.811	20.6
499590	500	253	37	.1162	2.951	0.813	20.65
499605	500	253	61	.0905	2.299	0.815	20.7
499664	500	253	91	.0741	1.882	0.815	20.7
599401	600	304	127	.0687	1.745	0.893	22.68
599596	600	304	37	.1273	3.233	0.891	22.63
600003	600	304	91	.0812	2.062	0.893	22.68
600279	600	304	61	.0992	2.52	0.893	22.68
699216	700	355	127	.0742	1.885	0.965	24.51
699531	700	355	37	.1375	3.493	0.963	24.46
699695	700	355	61	.1071	2.72	0.964	24.49
699907	700	355	91	.0877	2.228	0.965	24.51
750227	750	405	61	.1109	2.817	0.998	25.35
750262	750	405	91	.0908	2.306	0.999	25.37
750277	750	405	37	.1424	3.617	0.997	25.32
749096	750	405	127	.0768	1.951	0.998	25.35
799533	800	456	37	.1470	3.734	1.029	26.14
799725	800	456	61	.1145	2.908	1.031	26.19
800654	800	456	127	.0794	2.017	1.032	26.21
800658	800	456	91	.0938	2.383	1.032	26.21
999197	1000	507	127	.0887	2.253	1.153	29.29
999424	1000	507	61	.1280	3.251	1.152	29.26
999457	1000	507	91	.1048	2.662	1.153	29.29
1000012	1000	507	37	.1644	4.176	1.151	29.24

Chart 2 (Solid Wire)
U.S. Customary Dimensions

Use to convert wire size to inches of diameter and CMA. To read mils direct, move decimal point three places to the right.

AWG	Dia. inches	CMA*
4/0	.460	212,000
3/0	.410	168,000
2/0	.365	133,000
1/0	.325	106,000
1	.289	83,700
2	.258	66,400
3	.229	52,600
4	.204	41,700
5	.182	33,100
6	.162	26,300
7	.144	20,800
8	.128	16,500
9	.114	13,100
10	.102	10,400
11	.091	8,230
12	.081	6,530
13	.072	5,180
14	.064	4,110
15	.057	3,260
16	.051	2,580
17	.045	2,050
18	.040	1,620

AWG	Dia. inches	CMA*
19	.036	1,290
20	.032	1,020
21	.0285	810
22	.0253	642
23	.0226	509
24	.0201	404
25	.0179	320
26	.0159	254
27	.0142	202
28	.0126	160
29	.0113	127
30	.0100	101
31	.0089	79.7
32	.0080	63.2
33	.0071	50.1
34	.0063	39.8
35	.0056	31.5
36	.0050	25.0
37	.0045	19.8
38	.0040	15.7
39	.0035	12.5
40	.0031	9.9

Metric Dimensions

Use to convert wire size to millimeters of diameter and CMA.

mm²	Dia. mm	CMA*
113.1	12	223,000
78.54	10	155,000
63.62	9	125,000
50.27	8	99,200
38.48	7	75,900
33.18	6.5	65,500
28.27	6	55,800
23.76	5.5	46,900
19.64	5	38,800
15.90	4.5	31,400
12.57	4	24,800
9.621	3.5	19,000
8.042	3.2	15,900
6.605	2.9	13,000
5.309	2.6	10,500
4.155	2.3	8,200
3.142	2	6,200
2.545	1.8	5,020
2.011	1.6	3,970
1.539	1.4	3,040
1.131	1.2	2,230
0.7854	1	1,550

mm²	Dia. mm	CMA*
0.6362	0.9	1,260
0.5027	0.8	992
0.3848	0.7	759
0.3318	0.65	655
0.2827	0.6	558
0.2376	0.55	469
0.1964	0.5	338
0.159	0.45	314
0.1257	0.4	248
0.09621	0.35	190
0.08042	0.32	159
0.06605	0.29	130
0.05309	0.26	105
0.04155	0.23	82
0.03142	0.2	62
0.02545	0.18	50.2
0.02011	0.16	39.7
0.01539	0.14	30.4
0.01131	0.12	22.3
0.00785	0.1	15.5

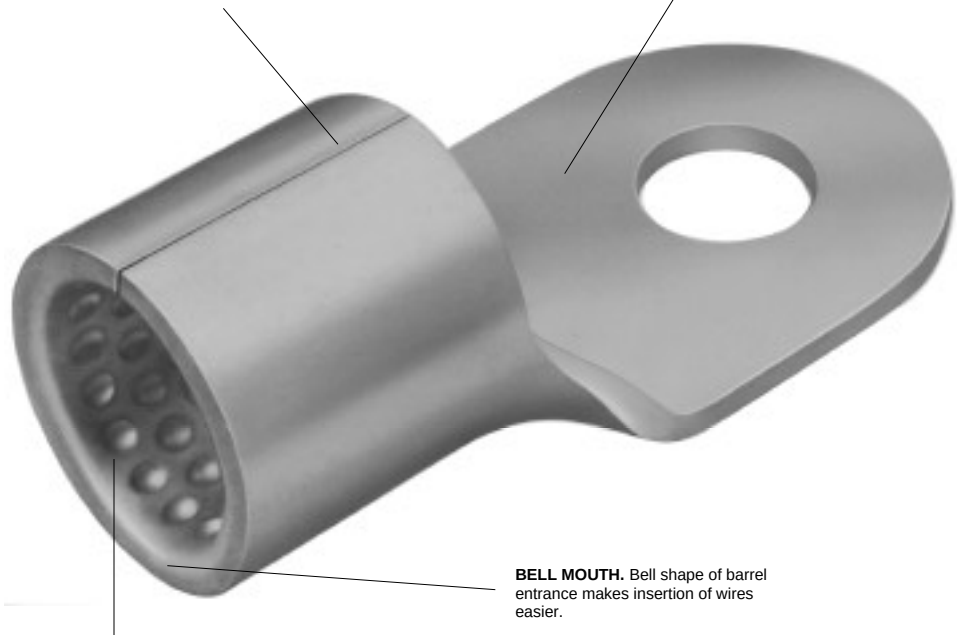
*Nominal CMA has been "rounded off" for ease of calculation when using multiple wires in one termination.

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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.

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The SOLISTRAND Terminal

SOLISTRAND terminals and splices are specially designed to terminate solid and stranded wire, irregular shaped conductors, and combinations of these—still retaining the superior performance characteristics of single-purpose terminals and splices. Because AMP matches the terminal to the tool each termination is uniformly perfect, making quality control easy and performance consistent. Corrosion resistance, vibration resistance and tensile strength of these terminals and splices are well within the limits of commercial and military specifications. The SOLISTRAND line includes parallel and butt splices, and flag, ring, spade, hooked, and flanged tongue terminals in sizes from 26 AWG [0.1 mm^2] through 600 MCM [304 mm^2].



BRAZED SEAM. The barrel is completely closed and seam is brazed for uniform metal strength around the entire barrel area.

BASIC TERMINAL MATERIAL. The basic terminal is constructed of fine grade high conductivity copper per ASTM B-152 and tin-plated per MIL-T-10727. Basic material for Spring Spade Tongue Terminals is phosphor bronze per ASTM B-103 and tin-plated per MIL-T-10727. AMP's special plating process creates durable corrosion resistance to salt spray and most chemical fumes.

BELL MOUTH. Bell shape of barrel entrance makes insertion of wires easier.

DIMPLES OR SERRATIONS. Inner surface either dimpled or serrated for optimum tensile strength and maximum electrical contact area after crimping.

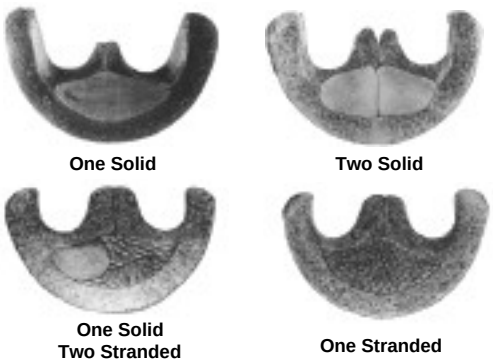
SOLISTRAND Terminals meet or exceed the requirements of MIL-T-7928, Type I, Class 1 and 2.

The Crimp

The "W" Crimp is one of several time-proven crimp types developed by AMP. It is not just a "kink" in a metal barrel; not something pinched over electrical wire ends. The "W" Crimp is actually two longitudinal crimps applied with precisely controlled pressure so that the conductor within the barrel flows together into the dimples or serrations of the terminal barrel creating one homogeneous mass of metal. The two indents also help to center conductors within the barrel for uniform crimping of the barrel around the wire. Furthermore, the "W" Crimp permits the use of a shorter terminal barrel, an excellent feature for confined area termination.

The "W" Crimp creates terminations of optimum electrical properties and is completely reliable, giving long service in punishing environments.

"W" Crimp



One Solid

Two Solid

One Solid
Two Stranded

One Stranded

Temperature Rating: 170°C Max.

AMP SOLISTRAND Terminals and Splices (Use SOLISTRAND Tooling)

AMP Inc. Wire Size	Listed File No. E13288	LR 7189 Certified
22–16 Solid or Stranded	22–16 Solid or Stranded	22–16 Solid or Stranded
16–14 Solid or Stranded	16–14 Solid or Stranded	16–14 Solid or Stranded
16–14 Heavy Duty Solid or Stranded	16–14 Heavy Duty Stranded	16–14 Heavy Duty Solid or Stranded
14–12 Solid or Stranded	14–12 Stranded	14–12 Solid or Stranded
12–10 Solid or Stranded	12–10 Stranded	12–10 Solid or Stranded
8 thru 600 MCM Solid or Stranded	8 thru 600 MCM Stranded	8 thru 600 MCM Solid or Stranded

Note: 22-16 terminals and splices are stamped 22-18 in accordance with MIL-T-7928. Commercial wire range is 22-16.

***DANGER:* Not to be used on aluminum wire —** may cause equipment failure leading to serious injury or death.

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The Budget Terminal

Budget Terminals and splices are primarily the same as SOLISTRAND products except for the absence of the brazed seam in the wire barrel. This terminal is ideal for applications where extreme vibration and tension on the wire are not present. These terminals and splices fulfill the need for an economical and electrically superior termination through the use of high grade materials, long plating experience and a proven crimp.

One of the most desirable features of this terminal and splice is the "F" Crimp. This proven crimp configuration rolls the open seam barrel into the conductor presenting a large surface to the inside of the terminal barrel assuring optimum electrical performance.

The Budget line includes butt splices, ring, rectangular, flanged spade, hooked, and spring spade tongue terminals in sizes from 26 AWG [0.1 mm^2] through 10 AWG [6.64 mm^2].

BASIC TERMINAL MATERIAL. The basic terminal is constructed of fine grade high conductivity copper per ASTM B-152 and tin-plated per MIL-T-10727. Basic material for Spring Spade Tongue Terminals is phosphor bronze per ASTM B-103 and tin-plated per MIL-T-10727. AMP's special plating process creates durable corrosion resistance to salt spray and most chemical fumes.



SERRATIONS. Inner surface serrated for optimum tensile strength and maximum electrical contact area after crimping.

BELL MOUTH. Bell shape of barrel entrance makes insertion of wires easier.

Temperature Rating: 170°C Max.

AMP Budget Terminals and Splices (Use Budget Tooling)

Wire Size	Listed File No. E13288
22–16 Stranded	22–16 Stranded
16–14 Stranded	16–14 Stranded
12–10 Stranded	12–10 Stranded

Note: 22-16 terminals and splices are stamped 22-18 in accordance with MIL-T-7928. Commercial wire range is 22-16.

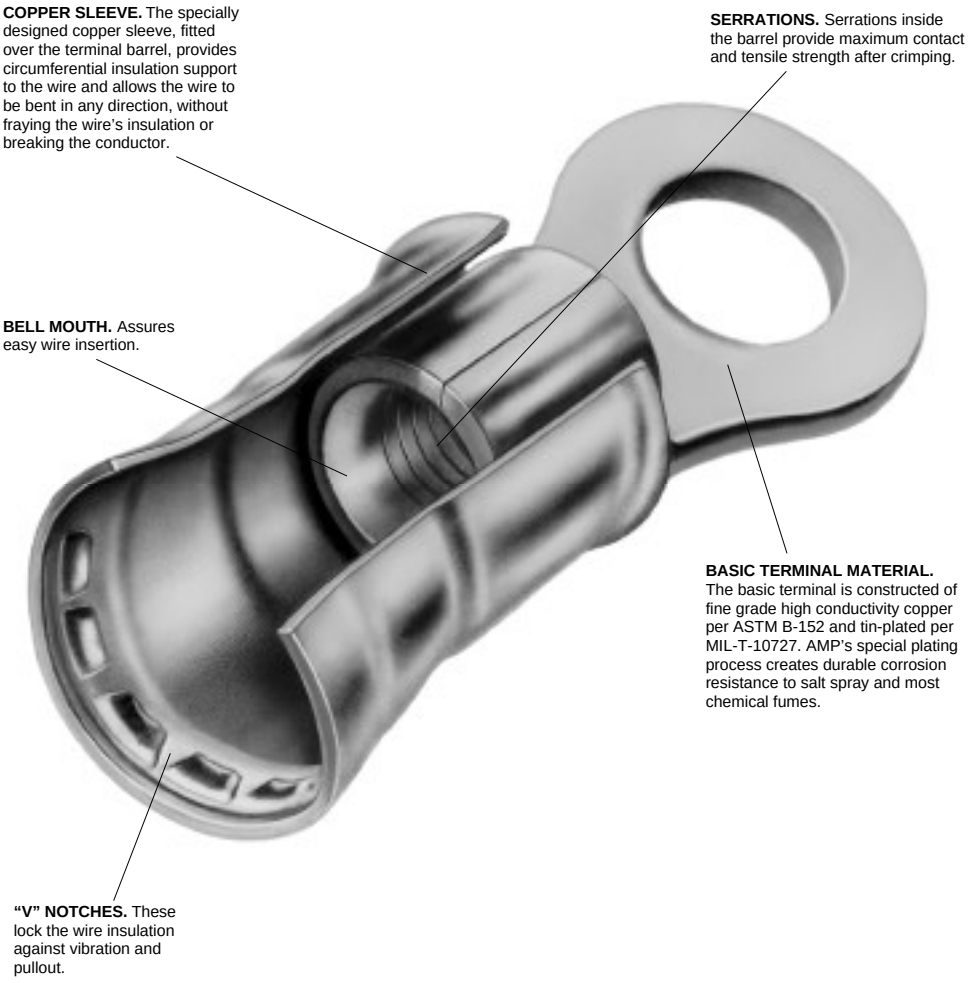
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DIAMOND GRIP Terminal

The DIAMOND GRIP product line of terminals and splices is designed for completely uniform reliability under the most critical conditions of vibration, thermal shock, corrosion, tension and current overload. AMP's mated tool/terminal concept represents a total approach to wire termination and takes into account all the factors of circuit termination.

The uniformity of appearance of AMP terminations is repeated by their uniformity in performance — made possible by designing the terminal and the tooling to match precisely. This promotes fast and easy crimping and assures precise crimping pressure for every wire size, regardless of the skill of the operator. The result is the best circuit termination at the lowest applied cost. And this is true for all terminations from first to last, week after week, month after month.



The Crimp

After the wire is inserted into the barrel, the matching dies in the AMP tool close over the barrel, exerting great pressure. This causes the wire strands to flow into the serrations of the terminal barrel as it is compressed around them, forming a homogenous mass of the strands and terminal barrel. This maximum contact assures optimum conductivity of the termination.

Temperature Rating: 170°C Max.

DIAMOND GRIP Terminals and Splices (Use DIAMOND GRIP Tooling)

AMP Wire Range	Listed	LR 7189 Certified
22–16	22–16 Stranded	22–16 Stranded
16–14	16–14 Stranded	16–14 Stranded
16–14 HD	16–14 HD Stranded	—
12-10	12–10 Stranded	12–10 Stranded

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Terminal Stud Hole Size

Use to Select Proper Size Terminal

The chart shows sizes and dimensions of various studs and the corresponding terminal stud hole sizes used with AMP devices.
For example, with stud #5 (.125 [3.18] Diameter), use AMP device listed for #5 stud (.132 [3.35] Hole Diameter).
Terminal stud hole sizes may easily be checked by fitting sample terminal to black circle.

Stud Size		Stud Dia.	Typical Terminal Stud Hole Diameter
U.S. Cust.	Metric		
#0	—	**.060** 1.52	**.067** ± **.003** 1.70 ± 0.08
#1	—	**.073** 1.85	**.080** ± **.003** 2.03 ± 0.08
#2	M2	**.086** 2.18	**.093** ± **.003** 2.36 ± 0.08
#3	—	**.099** 2.51	Not Available
#4	—	**.112** 2.84	**.119** ± **.003** 3.02 ± 0.08
#5	M3	**.125** 3.18	**.132** ± **.003** 3.35 ± 0.08
#6	M3.5	**.138** 3.51	**.145** ± **.003** 3.68 ± 0.08
#8	M4	**.164** 4.17	**.171** ± **.003** 4.34 ± 0.08
#10	—	**.190** 4.83	**.197** ± **.003** 5.00 ± 0.08
#12	—	**.216** 5.49	**.223** ± **.003** 5.66 ± 0.08
#14	—	**.242** 6.15	**.250** ± **.003** 6.35 ± 0.08
1/4"	M6	**.250** 6.35	**.265** ± **.005** 6.73 ± 0.13
5/16"	M8	**.312** 7.92	**.328** ± **.005** 8.33 ± 0.13
3/8"	—	**.375** 9.53	**.390** ± **.005** 9.91 ± 0.13

Stud Size		Stud Dia.	Typical Terminal Stud Hole Diameter
U.S. Cust.	Metric		
7/16"	—	**.437** 11.10	**.453** ± **.005** 11.51 ± 0.13
1/2"	M12	**.500** 12.70	**.515** ± **.005** 13.08 ± 0.13
5/8"	M16	**.625** 15.88	**.656** ± **.005** 16.66 ± 0.13
3/4"	—	**.750** 19.05	**.781** ± **.005** 19.84 ± 0.13
7/8"	M22	**.875** 22.23	**.906** ± **.005** 23.01 ± 0.13
1"	—	**1.000** 25.40	**1.031** ± **.005** 26.19 ± 0.13

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Ring Tongue Terminals

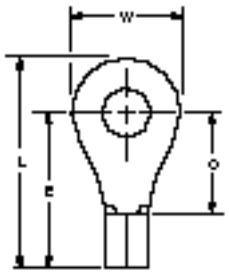
Wire Size Range

**AWG 26 to 16,
CMA 202 to 3,260
[0.1 to 1.65 mm²]**

Material

Terminal Body — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



A

Wire Size Circular Mils [mm²]	Stud Size	Style	Dimensions L Max.	E Max.	C Min.	W	Material Thickness Max.	Wire Barrel I.D. Min. Solistrand	Wire Barrel I.D. Min. Budget	Part Numbers Solistrand	Part Numbers Budget
26–22 202–810 [0.1–0.41]	0	A	**.329** 8.36	**.256** 6.50	**.121** 3.07	**.140** 3.56	**.020** 0.51	—	**.035** 0.89	—	31423
	2 M2	A	**.329** 8.36	**.256** 6.50	**.121** 3.07	**.140** 3.56	**.020** 0.51	—	**.035** 0.89	—	31425 2-31425-2
		A	**.450** 11.43	**.346** 8.79	**.211** 5.36	**.203** 5.16	**.020** 0.51	—	**.035** 0.89	—	33695
		A	**.419** 10.64	**.346** 8.79	**.211** 5.36	**.140** 3.56	**.020** 0.51	**.031** 0.79	**.035** 0.89	50334*	322771
	4	A	**.450** 11.43	**.346** 8.79	**.211** 5.36	**.203** 5.16	**.020** 0.51	—	**.035** 0.89	—	31428
	6 M3.5	A	**.450** 11.43	**.346** 8.79	**.211** 5.36	**.203** 5.16	**.020** 0.51	—	**.035** 0.89	—	31430
		A	**.544** 13.82	**.416** 10.57	**.281** 7.14	**.250** 6.35	**.020** 0.51	**.031** 0.79	**.035** 0.89	331401 1-331401-1	32858
	8	A	**.544** 13.82	**.416** 10.57	**.281** 7.14	**.250** 6.35	**.020** 0.51	—	**.035** 0.89	—	32859
	10	A	**.544** 13.82	**.416** 10.57	**.281** 7.14	**.250** 6.35	**.020** 0.51	—	**.035** 0.89	—	32860
22–16 509–3,260 [0.26–1.65]	1	A	**.449** 11.40	**.337** 8.56	**.156** 3.96	**.218** 5.54	**.033** 0.84	—	**.065** 1.65	—	31087
	2 M2	A	**.449** 11.40	**.337** 8.56	**.156** 3.96	**.218** 5.54	**.033** 0.84	**.061** 1.55	**.065** 1.65	34103 2-34103-1	31088
		A	**.446** 11.33	**.353** 8.97	**.172** 4.37	**.182** 4.62	**.033** 0.84	**.061** 1.55	**.065** 1.65	322927	320677
	4	A	**.449** 11.40	**.337** 8.56	**.156** 3.96	**.218** 5.54	**.033** 0.84	**.061** 1.55	**.065** 1.65	34104* 2-34104-6	31089 3-31089-6
		A	**.446** 11.33	**.353** 8.97	**.172** 4.37	**.182** 4.62	**.033** 0.84	**.061** 1.55	**.065** 1.65	36467*	36189 2-326850-1
		A	**.621** 15.77	**.493** 12.52	**.312** 7.92	**.250** 6.35	**.033** 0.84	**.061** 1.55	**.065** 1.65	323096 2-323096-2	322418
	5 M3	A	**.449** 11.40	**.337** 8.56	**.156** 3.96	**.218** 5.54	**.033** 0.84	—	**.065** 1.65	—	31090 2-31090-1
	6 M3.5	A	**.449** 11.40	**.337** 8.56	**.156** 3.96	**.218** 5.54	**.033** 0.84	**.061** 1.55	**.065** 1.65	34105* 2-34105-2	31091
		A	**.528** 13.41	**.416** 10.57	**.156** 3.96	**.218** 5.54	**.033** 0.84	**.061** 1.55	**.065** 1.65	34194	31101
		A	**.574** 14.58	**.436** 11.07	**.250** 6.35	**.281** 7.14	**.033** 0.84	**.061** 1.55	**.065** 1.65	34107* 2-34107-2	31264
		A	**.621** 15.77	**.462** 11.73	**.281** 7.14	**.312** 7.92	**.033** 0.84	**.061** 1.55	**.065** 1.65	34110* 2-34110-3	30691* 1-30691-1
		A	**.653** 16.59	**.478** 12.14	**.297** 7.54	**.344** 8.74	**.033** 0.84	—	**.065** 1.65	—	32822
	8 M4	A	**.621** 15.77	**.462** 11.73	**.281** 7.14	**.312** 7.92	**.033** 0.84	**.061** 1.55	**.065** 1.65	34111* 2-34111-3	30692
		A	**.574** 14.58	**.436** 11.07	**.250** 6.35	**.281** 7.14	**.033** 0.84	**.061** 1.55	**.065** 1.65	34108* 2-34108-2	31265*
		A	**.653** 16.59	**.478** 12.14	**.297** 7.54	**.344** 8.74	**.033** 0.84	**.061** 1.55	**.065** 1.65	323086	32823

Note: Part numbers are shown as loose piece over tape mounted product.
*Part numbers are available in small quantity packages.

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Ring Tongue Terminals (Continued)

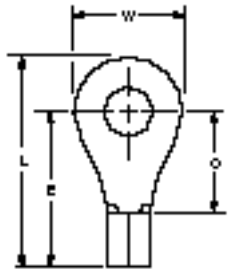
Wire Size Range

**AWG 22 to 14,
CMA 509 to 5,180
[0.26 to 2.62 mm²]**

Material

Terminal Body — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



A

Wire Size Circular Mils [mm²]	Stud Size	Style	Dimensions L Max.	E Max.	C Min.	W	Material Thickness Max.	Wire Barrel I.D. Min. Solistrand	Budget	Part Numbers Solistrand	Budget
22–16 509–3,260 [0.26–1.65]	10	A	**.621** 15.77	**.462** 11.73	**.281** 7.14	**.312** 7.92	**.033** 0.84	**.061** 1.55	**.065** 1.65	34112* 2-34112-2	30693* 3-30693-7
		A	**.574** 14.58	**.436** 11.07	**.250** 6.35	**.281** 7.14	**.033** 0.84	**.061** 1.55	**.065** 1.65	34109* 2-34109-2	31266
		A	**.653** 16.59	**.478** 12.14	**.297** 7.54	**.344** 8.74	**.033** 0.84	**.061** 1.55	**.065** 1.65	323087*	32824
	12	A	**.621** 15.77	**.462** 11.73	**.281** 7.14	**.312** 7.92	**.033** 0.84	—	**.065** 1.65	—	30694 2-30694-1
	1/4 M6	A	**.856** 21.74	**.618** 15.70	**.437** 11.10	**.469** 11.91	**.033** 0.84	**.061** 1.55	**.065** 1.65	34113* 2-34113-2	31172
	5/16 M8	A	**.856** 21.74	**.618** 15.70	**.437** 11.10	**.469** 11.91	**.033** 0.84	**.061** 1.55	**.065** 1.65	34114* 2-34114-2	31173 3-31173-3
		A	**.995** 25.27	**.727** 18.47	**.546** 13.87	**.531** 13.49	**.033** 0.84	—	**.065** 1.65	—	324124
	3/8	A	**.995** 25.27	**.727** 18.47	**.546** 13.87	**.531** 13.49	**.033** 0.84	**.061** 1.55	**.065** 1.65	34115* 2-34115-2	31498
	1/2 M12	A	**1.070** 27.18	**.711** 18.06	**.530** 13.46	**.713** 18.11	**.033** 0.84	**.061** 1.55	**.065** 1.65	329966*	328970
16–14 2,050–5,180 [1.04–2.62]	2 M2	A	**.480** 12.19	**.352** 8.94	**.171** 4.34	**.250** 6.35	**.033** 0.84	—	**.089** 2.26	—	321007
		A	**.445** 11.30	**.352** 8.94	**.171** 4.34	**.180** 4.57	**.033** 0.84	**.085** 2.16	**.089** 2.26	328377	326854
	4	A	**.480** 12.19	**.352** 8.94	**.171** 4.34	**.250** 6.35	**.033** 0.84	**.085** 2.16	**.089** 2.26	34119* 2-34119-1	32185
	6 M3.5	A	**.636** 16.15	**.462** 11.73	**.281** 7.14	**.343** 8.71	**.033** 0.84	**.085** 2.16	**.089** 2.26	34121* 2-34121-1	30695
		A	**.480** 12.19	**.352** 8.94	**.171** 4.34	**.250** 6.35	**.033** 0.84	**.085** 2.16	**.089** 2.26	34120* 2-34120-1	32186*
		A	**.590** 14.99	**.431** 10.95	**.250** 6.35	**.312** 7.92	**.033** 0.84	**.085** 2.16	**.089** 2.26	321684* 2-321684-1	321683
	8 M4	A	**.636** 16.15	**.462** 11.73	**.281** 7.14	**.343** 8.71	**.033** 0.84	**.085** 2.16	**.089** 2.26	34122* 2-34122-1	30696*
		A	**.590** 14.99	**.431** 10.95	**.250** 6.35	**.312** 7.92	**.033** 0.84	**.085** 2.16	**.089** 2.26	324955* 2-324955-1	322235 1-322235-1
	10	A	**.621** 15.77	**.462** 11.73	**.281** 7.14	**.312** 7.92	**.033** 0.84	—	**.089** 2.26	—	51872-5
		A	**.636** 16.15	**.462** 11.73	**.281** 7.14	**.343** 8.71	**.033** 0.84	**.085** 2.16	**.089** 2.26	34123* 2-34123-1	30697*
		A	**.669** 16.99	**.510** 12.95	**.250** 6.35	**.312** 7.92	**.033** 0.84	**.085** 2.16	**.089** 2.26	320093 2-320093-1	31049
	12	A	**.855** 21.72	**.618** 15.70	**.437** 11.10	**.469** 11.91	**.033** 0.84	—	**.089** 2.26	—	31163
	14	A	**.730** 18.54	**.493** 12.52	**.312** 7.92	**.468** 11.89	**.033** 0.84	—	**.089** 2.26	—	34896

Note: Part numbers are shown as loose piece over tape mounted product.
*Part numbers are available in small quantity packages.

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Technical Support 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.

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Ring Tongue Terminals (Continued)

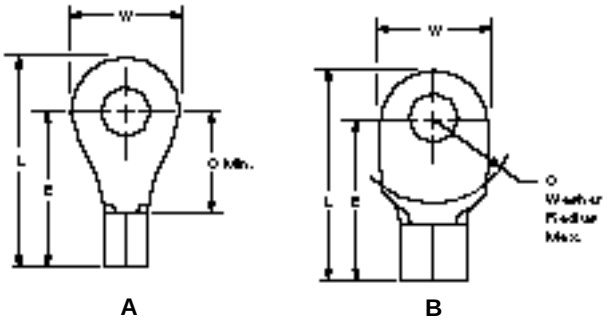
Wire Size Range

AWG 16 to 10, CMA 2,050 to 13,100 [1.04 to 6.64 mm²]

Material

Terminal Body — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



A B

Wire Size Circular Mils [mm²]	Stud Size	Style	Dimensions L Max.	E Max.	C	W	Material Thickness Max.	Wire Barrel I.D. Min. Solistrand	Budget	Part Numbers Solistrand	Budget
16–14 2,050–5,180 [1.04–2.62]	1/4 M6	A	**.855** 21.72	**.618** 15.70	**.437** 11.10	**.469** 11.91	**.033** 0.84	**.085** 2.16	**.089** 2.26	34124* 2-34124-1	31164
	5/16 M8	A	**.855** 21.72	**.618** 15.70	**.437** 11.10	**.469** 11.91	**.033** 0.84	**.085** 2.16	**.089** 2.26	34125* 2-34125-6	31165
	3/8	A	**.995** 25.27	**.727** 18.47	**.546** 13.87	**.531** 13.49	**.033** 0.84	**.085** 2.16	**.089** 2.26	34126* 2-34126-2	31499
	1/2 M12	A	**1.070** 27.18	**.711** 18.06	**.530** 13.46	**.713** 18.11	**.033** 0.84	—	**.089** 2.26	—	328971
		A	**1.184** 30.07	**.806** 20.47	**.625** 15.88	**.750** 19.05	**.033** 0.84	**.085** 2.16	**.089** 2.26	50981	50982
14–12 3,260–8,230 [1.65–4.17]	8 M4	B	**.685** 17.40	**.526** 13.36	**.250** 6.35	**.312** 7.92	**.042** 1.07	**.098** 2.49	—	321827	—
	10	B	**.739** 18.77	**.526** 13.36	**.250** 6.35	**.421** 10.69	**.042** 1.07	**.098** 2.49	—	34484 1-34484-0	—
		B	**.685** 17.40	**.526** 13.36	**.250** 6.35	**.312** 7.92	**.042** 1.07	**.098** 2.49	—	321828 1-321828-0	—
	1/4 M6	B	**.739** 18.77	**.526** 13.36	**.250** 6.35	**.421** 10.69	**.042** 1.07	**.098** 2.49	—	34487	—
	3/8	B	**1.120** 28.45	**.774** 19.66	**.437** 11.10	**.687** 17.45	**.042** 1.07	**.098** 2.49	—	34486	—
12–10 5,180–13,100 [2.62–6.64]	4	A	**.630** 16.00	**.487** 12.37	**.219** 5.56	**.281** 7.14	**.042** 1.07	**.129** 3.28	**.134** 3.40	322447	34891
	6 M3.5	A	**.630** 16.00	**.487** 12.37	**.219** 5.56	**.281** 7.14	**.042** 1.07	**.129** 3.28	**.134** 3.40	35476* 2-35476-1	34892
		A	**.729** 18.52	**.570** 14.48	**.302** 7.67	**.312** 7.92	**.042** 1.07	**.129** 3.28	**.134** 3.40	324911	324910
		A	**.765** 19.43	**.575** 14.61	**.302** 7.67	**.375** 9.53	**.042** 1.07	**.129** 3.28	**.134** 3.40	33456 2-33456-1	31112
	8 M4	A	**.708** 17.98	**.549** 13.94	**.281** 7.14	**.312** 7.92	**.042** 1.07	**.129** 3.28	**.134** 3.40	322454*	34404*
		A	**.765** 19.43	**.575** 14.61	**.302** 7.67	**.375** 9.53	**.042** 1.07	**.129** 3.28	**.134** 3.40	32994* 2-32994-1	31113
	10	A	**.723** 18.36	**.549** 13.94	**.281** 7.14	**.343** 8.71	**.042** 1.07	**.129** 3.28	**.134** 3.40	322455 2-322455-1	32882
		A	**.765** 19.43	**.575** 14.61	**.302** 7.67	**.375** 9.53	**.042** 1.07	**.129** 3.28	**.134** 3.40	33457* 2-33457-2	31114*
		A	**.808** 20.52	**.618** 15.70	**.343** 8.71	**.375** 9.53	**.042** 1.07	**.129** 3.28	**.134** 3.40	31805	321829
		A	**.865** 21.97	**.612** 15.54	**.344** 8.74	**.500** 12.70	**.042** 1.07	**.129** 3.28	**.134** 3.40	35771* 2-35771-1	34964
		A	**1.004** 25.50	**.736** 18.69	**.468** 11.89	**.531** 13.49	**.042** 1.07	**.129** 3.28	**.134** 3.40	36451	31120
	1/4 M6	A	**.865** 21.97	**.612** 15.54	**.344** 8.74	**.500** 12.70	**.042** 1.07	**.129** 3.28	**.134** 3.40	35772* 2-35772-1	34965
		A	**1.004** 25.50	**.736** 18.69	**.468** 11.89	**.531** 13.49	**.042** 1.07	**.129** 3.28	**.134** 3.40	33458* 2-33458-3	31122*
	5/16 M8	A	**.865** 21.97	**.612** 15.54	**.344** 8.74	**.500** 12.70	**.042** 1.07	—	**.134** 3.40	—	34966
		A	**1.004** 25.50	**.736** 18.69	**.468** 11.89	**.531** 13.49	**.042** 1.07	**.129** 3.28	**.134** 3.40	33459* 2-33459-6	31123

Note: Part numbers are shown as loose piece over tape mounted product.
*Part numbers are available in small quantity packages.

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Ring Tongue Terminals (Continued)

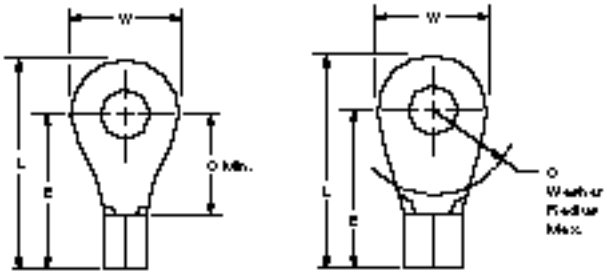
Wire Size Range

**AWG 12 to 8,
CMA 5,180 to 20,800
[2.62 to 10.5 mm²]**

Material

Terminal Body — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



A C

Wire Size Circular Mils [mm²]	Stud Size	Style	Dimensions L Max.	E Max.	C	W	Material Thickness Max.	Wire Barrel I.D. Min. Solistrand	Wire Barrel I.D. Min. Budget	Part Numbers Solistrand	Part Numbers Budget
12-10 5,180–13,100 [2.62-6.64]	3/8	A	**1.098** 27.89	**.799** 20.29	**.531** 13.49	**.593** 15.06	**.042** 1.07	**.129** 3.28	**.134** 3.40	33220* 1-33220-2[3]	30972
		A	**1.271** 32.28	**.893** 22.68	**.625** 15.88	**.750** 19.05	**.042** 1.07	**.129** 3.28	**.134** 3.40	322242	34833
	1/2 M12	A	**1.102** 27.99	**.742** 18.85	**.474** 12.04	**.715** 18.16	**.042** 1.07	—	**.134** 3.40	—	52269-1
		A	**1.271** 32.28	**.893** 22.68	**.625** 15.88	**.750** 19.05	**.042** 1.07	**.129** 3.28	**.134** 3.40	35135 2-35135-2[3]	34834
		A	**1.896** 48.16	**1.268** 32.21	**1.000** 25.40	**1.250** 31.75	**.042** 1.07	**.129** 3.28	**.134** 3.40	320763	320760
	5/8 M16	A	**1.896** 48.16	**1.268** 32.21	**1.000** 25.40	**1.250** 31.75	**.042** 1.07	**.129** 3.28	**.134** 3.40	320764	320761
	3/4	A	**1.896** 48.16	**1.268** 32.21	**1.000** 25.40	**1.250** 31.75	**.042** 1.07	**.129** 3.28	**.134** 3.40	320765	320762
	7/8 M22	A	**1.896** 48.16	**1.268** 32.21	**1.000** 25.40	**1.250** 31.75	**.042** 1.07	**.129** 3.28	—	1-320765-1	—
	1	A	**1.896** 48.16	**1.268** 32.21	**1.000** 25.40	**1.250** 31.75	**.042** 1.07	**.129** 3.28	—	1-320765-0	—
8 13,100–20,800 [6.64–10.5]	8 M4	C	**.949** 24.10	**.743** 18.87	**.359** 9.12	**.406** 10.31	**.051** 1.30	**.172** 4.37	—	324061*	—
		C	**.933** 23.70	**.696** 17.68	**.359** 9.12	**.469** 11.91	**.051** 1.30	**.172** 4.37	—	32996*	—
	10	C	**.933** 23.70	**.696** 17.68	**.359** 9.12	**.469** 11.91	**.051** 1.30	**.172** 4.37	—	33460* 2-33460-2*[1] 2-33460-3*[2]	—
		C	**.949** 24.10	**.743** 18.87	**.359** 9.12	**.406** 10.31	**0.51** 1.30	**.172** 4.37	—	31807 2-31807-2*[2]	—
	1/4 M6	C	**.933** 23.70	**.696** 17.68	**.359** 9.12	**.469** 11.91	**.051** 1.30	**.172** 4.37	—	33461* 2-33461-2*[1] 2-33461-3*[2]	—
		A	**1.168** 29.67	**.868** 22.05	**.531** 13.49	**.594** 15.09	**.051** 1.30	**.172** 4.37	—	35247*	—
	5/16 M8	A	**1.168** 29.67	**.868** 22.05	**.531** 13.49	**.594** 15.09	**.051** 1.30	**.172** 4.37	—	33462* 2-33462-1[2]	—
		A	**1.074** 27.28	**.790** 20.07	**.406** 10.31	**.562** 14.27	**.051** 1.30	**.172** 4.37	—	31808*	—
		C	**.933** 23.70	**.696** 17.68	**.359** 9.12	**.469** 11.91	**.051** 1.30	**.172** 4.37	—	55991-1 55991-2	—
	3/8	A	**1.168** 29.67	**.868** 22.05	**.531** 13.49	**.594** 15.09	**.051** 1.30	**.172** 4.37	—	33463*	—
		A	**1.965** 49.91	**1.337** 33.96	**1.000** 25.40	**1.250** 31.75	**.051** 1.30	**.172** 4.37	—	36499	—
	1/2 M12	A	**1.965** 49.91	**1.337** 33.96	**1.000** 25.40	**1.250** 31.75	**.051** 1.30	**.172** 4.37	—	35664*	—
	5/8 M16	A	**1.965** 49.91	**1.337** 33.96	**1.000** 25.40	**1.250** 31.75	**.051** 1.30	**.172** 4.37	—	35665	—
	3/4	A	**1.965** 49.91	**1.337** 33.96	**1.000** 25.40	**1.250** 31.75	**.051** 1.30	**.172** 4.37	—	35666	—

Note: Part numbers are shown as loose piece over tape mounted product.
*Part numbers are available in small quantity packages.
[1]Requires a 69875 standard TAPETRONIC machine for application.
[2]Requires a 68250-1 Heavy Duty TAPETRONIC machine for application.
[3]Requires a 68250-1 Heavy Duty TAPETRONIC and 68242-2 die set for application.

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Ring Tongue Terminals (Continued)

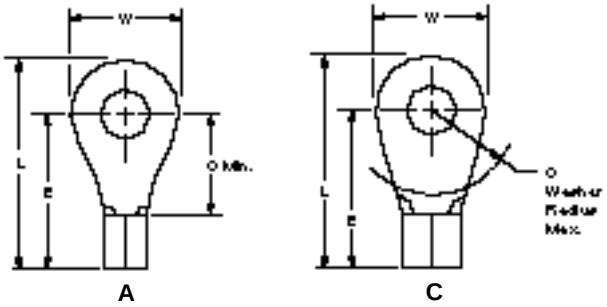
Wire Size Range

AWG 6 to 4,
CMA 20,800 to 52,600
[10.5 to 26.7 mm²]

Material

Terminal Body — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



A C

Wire Size Circular Mils [mm²]	Stud Size	Style	Dimensions L Max.	E Max.	C	W	Material Thickness Max.	Wire Barrel I.D. Min. Solistrand	Part Numbers Solistrand
6 20,800–33,100 [10.5–16.8]	10	C	**1.181** 30.00	**.931** 23.65	**.531** 13.49	**.406** 10.31	**.060** 1.52	**.232** 5.89	52197* 52197-1
		C	**1.181** 30.00	**.984** 24.99	**.584** 14.83	**.406** 10.31	**.060** 1.52	**.232** 5.89	53106-1
		C	**1.246** 31.65	**.931** 23.65	**.531** 13.49	**.625** 15.88	**.060** 1.52	**.232** 5.89	33464*
		C	**1.168** 29.67	**.931** 23.65	**.531** 13.49	**.468** 11.89	**.060** 1.52	**.232** 5.89	321298* 2-321298-6
	1/4 M6	C	**1.246** 31.65	**.931** 23.65	**.531** 13.49	**.625** 15.88	**.060** 1.52	**.232** 5.89	33465* 2-33465-1
		C	**1.168** 29.67	**.931** 23.65	**.531** 13.49	**.468** 11.89	**.060** 1.52	**.232** 5.89	321598* 2-321598-3
	5/16 M8	C	**1.246** 31.65	**.931** 23.65	**.531** 13.49	**.625** 15.88	**.060** 1.52	**.232** 5.89	33466* 2-33466-3
	3/8	C	**1.246** 31.65	**.931** 23.65	**.531** 13.49	**.625** 15.88	**.060** 1.52	**.232** 5.89	33467* 2-33467-3
		A	**2.033** 51.64	**1.400** 35.56	**1.000** 25.40	**1.250** 31.75	**.060** 1.52	**.232** 5.89	36807
	7/16	C	**1.246** 31.65	**.931** 23.65	**.531** 13.49	**.625** 15.88	**.060** 1.52	**.232** 5.89	320745
	1/2 M12	C	**1.840** 46.74	**1.400** 35.56	**1.000** 25.40	**.875** 22.23	**.060** 1.52	**.232** 5.89	320344*
		A	**2.033** 51.64	**1.400** 35.56	**1.000** 25.40	**1.250** 31.75	**.060** 1.52	**.232** 5.89	36808
	5/8	A	**2.033** 51.64	**1.400** 35.56	**1.000** 25.40	**1.250** 31.75	**.060** 1.52	**.232** 5.89	36809
	3⁄4	A	**2.033** 51.64	**1.400** 35.56	**1.000** 25.40	**1.250** 31.75	**.060** 1.52	**.232** 5.89	36810
4 33,100–52,600 [16.8–26.7]	10	A	**1.314** 33.38	**.978** 24.84	**.516** 13.11	**.656** 16.66	**.073** 1.85	**.296** 7.52	33468*
		C	**1.199** 30.45	**.946** 24.03	**.437** 11.10	**.500** 12.70	**.073** 1.85	**.280** 7.11	33114
	1/4 M6	A	**1.314** 33.38	**.978** 24.84	**.516** 13.11	**.656** 16.66	**.073** 1.85	**.296** 7.52	33469*
		C	**1.199** 30.45	**.946** 24.03	**.437** 11.10	**.500** 12.70	**.073** 1.85	**.280** 7.11	2-31811-4
	5/16 M8	A	**1.314** 33.38	**.978** 24.84	**.516** 13.11	**.656** 16.66	**.073** 1.85	**.296** 7.52	33470*
		C	**1.324** 33.63	**1.009** 25.63	**.500** 12.70	**.625** 15.88	**.073** 1.85	**.280** 7.11	33115
	3/8	A	**1.314** 33.38	**.978** 24.84	**.516** 13.11	**.656** 16.66	**.073** 1.85	**.296** 7.52	33471*
		A	**2.090** 53.09	**1.462** 37.13	**1.000** 25.40	**1.250** 31.75	**.073** 1.85	**.296** 7.52	36815
		C	**1.902** 48.31	**1.462** 37.13	**1.000** 25.40	**.875** 22.23	**.073** 1.85	**.296** 7.52	322704
		C	**1.324** 33.63	**1.009** 25.63	**.500** 12.70	**.625** 15.88	**.073** 1.85	**.280** 7.11	31812

Note: Part numbers are shown as loose piece over tape mounted product.
*Part numbers are available in small quantity packages.
semi-automatic pneumatic crimping system.

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Ring Tongue Terminals (Continued)

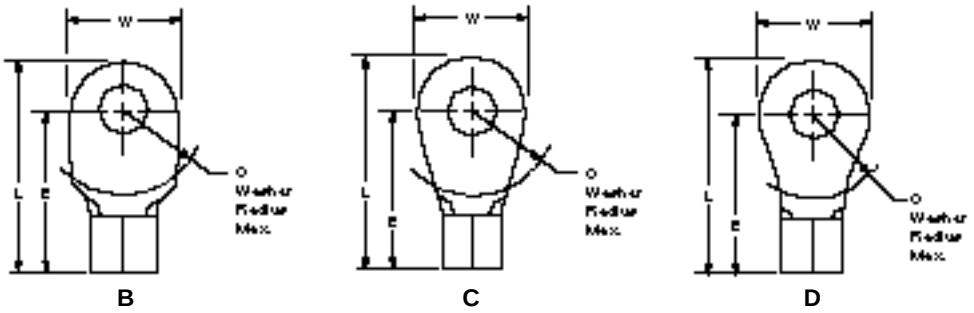
Wire Size Range

**AWG 4 to 1/0,
CMA 33,100 to 119,500
[16.8 to 60.6 mm²]**

Material

Terminal Body — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



B C D

Wire Size Circular Mils [mm²]	Stud Size	Style	Dimensions L Max.	E Max.	C	W	Material Thickness Max.	Wire Barrel I.D. Min. Solistrand	Part Numbers Solistrand
4 33,100–52,600 [16.8–26.7]	7/16	A**	**1.314** 33.38	**.978** 24.84	**.516** 13.11	**.656** 16.66	**.073** 1.85	**.296** 7.52	320743
	1/2 M12	A**	**2.090** 53.09	**1.462** 37.13	**1.000** 25.40	**1.250** 31.75	**.073** 1.85	**.296** 7.52	35668*
		B	**1.902** 48.31	**1.462** 37.13	**1.000** 25.40	**.875** 22.23	**.073** 1.85	**.296** 7.52	327175*
	5/8 M16	A**	**2.090** 53.09	**1.462** 37.13	**1.000** 25.40	**1.250** 31.75	**.073** 1.85	**.296** 7.52	35669
	3/4	A**	**2.090** 53.09	**1.462** 37.13	**1.000** 25.40	**1.250** 31.75	**.073** 1.85	**.296** 7.52	35670
2 52,600–83,700 [26.7–42.4]	10	B	**1.527** 38.79	**1.212** 30.78	**.531** 13.49	**.625** 15.88	**.073** 1.85	**.370** 9.40	330301
	1/4 M6	B	**1.527** 38.79	**1.212** 30.78	**.531** 13.49	**.625** 15.88	**.073** 1.85	**.370** 9.40	320383*
		D	**1.657** 42.09	**1.212** 30.78	**.531** 13.49	**.890** 22.61	**.073** 1.85	**.370** 9.40	320138
	5/16 M8	D	**1.657** 42.09	**1.212** 30.78	**.531** 13.49	**.890** 22.61	**.073** 1.85	**.370** 9.40	35183
		B	**1.527** 38.79	**1.212** 30.78	**.531** 13.49	**.625** 15.88	**.073** 1.85	**.370** 9.40	322870*
	3/8	B	**1.527** 38.79	**1.212** 30.78	**.531** 13.49	**.625** 15.88	**.073** 1.85	**.370** 9.40	321600*
		D	**1.657** 42.09	**1.212** 30.78	**.531** 13.49	**.890** 22.61	**.073** 1.85	**.370** 9.40	35184
	7/16	D	**1.657** 42.09	**1.212** 30.78	**.531** 13.49	**.890** 22.61	**.073** 1.85	**.370** 9.40	320741
	1/2 M12	D	**1.657** 42.09	**1.212** 30.78	**.531** 13.49	**.890** 22.61	**.073** 1.85	**.370** 9.40	35185*
		D	**2.516** 63.91	**1.888** 47.96	**1.125** 28.58	**1.250** 31.75	**.073** 1.85	**.370** 9.40	323291
	5/8 M16	D	**2.516** 63.91	**1.888** 47.96	**1.125** 28.58	**1.250** 31.75	**.073** 1.85	**.370** 9.40	320754
	3/4	D	**2.516** 63.91	**1.888** 47.96	**1.125** 28.58	**1.250** 31.75	**.073** 1.85	**.370** 9.40	320755
1/0 83,700–119,500 [42.4–60.6]	1/4 M6	C	**1.956** 49.68	**1.529** 38.84	**.625** 15.88	**.875** 22.23	**.073** 1.85	**.444** 11.28	36915
		C	**1.925** 48.90	**1.532** 38.91	**.625** 15.88	**.807** 20.50	**.073** 1.85	**.444** 11.28	321866
	5/16 M8	C	**1.956** 49.68	**1.529** 38.84	**.625** 15.88	**.875** 22.23	**.073** 1.85	**.444** 11.28	36916*
		C	**1.925** 48.90	**1.532** 38.91	**.625** 15.88	**.807** 20.50	**.073** 1.85	**.444** 11.28	321867*
	3/8	C	**1.956** 49.68	**1.529** 38.84	**.625** 15.88	**.875** 22.23	**.073** 1.85	**.444** 11.28	36917*
		C	**1.925** 48.90	**1.532** 38.91	**.625** 15.88	**.807** 20.50	**.073** 1.85	**.444** 11.28	321868
	7/16	C	**1.956** 49.68	**1.529** 38.84	**.625** 15.88	**.875** 22.23	**.073** 1.85	**.444** 11.28	36918

*Part numbers are available in small quantity packages.
** See style A art on preceding page.

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Ring Tongue Terminals (Continued)

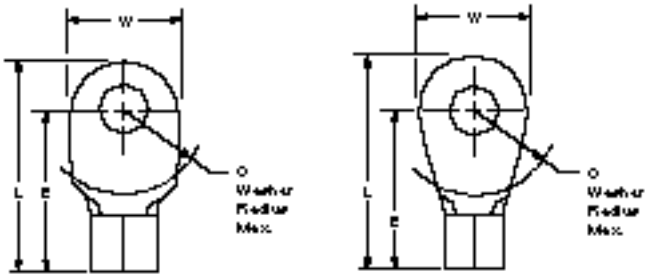
Wire Size Range

AWG 1/0 to 3/0,
CMA 83,700 to 190,000
[42.4 to 96.3 mm²]

Material

Terminal Body — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



B C

Wire Size Circular Mils [mm²]	Stud Size	Style	Dimensions L Max.	E Max.	C	W	Material Thickness Max.	Wire Barrel I.D. Min. Solistrand	Part Numbers Solistrand
1/0 83,700–119,500 [42.4–60.6]	1/2 M12	C	**1.956** 49.68	**1.529** 38.84	**.625** 15.88	**.875** 22.23	**.073** 1.85	**.444** 11.28	36919*
		C	**2.678** 68.02	**2.063** 52.40	**1.125** 28.58	**1.265** 32.13	**.073** 1.85	**.444** 11.28	322291
	5/8 M16	C	**2.678** 68.02	**2.063** 52.40	**1.125** 28.58	**1.265** 32.13	**.073** 1.85	**.444** 11.28	320744
	3/4	C	**2.678** 68.02	**2.063** 52.40	**1.125** 28.58	**1.265** 32.13	**.073** 1.85	**.444** 11.28	320748
2/0 119,500–150,500 [60.6–76.3]	1/4 M6	C	**1.930** 49.02	**1.550** 39.37	**.625** 15.88	**.926** 23.52	**.083** 2.11	**.504** 12.80	321869
		C	**2.000** 50.80	**1.545** 39.24	**.625** 15.88	**.946** 24.03	**.083** 2.11	**.504** 12.80	36921
	5/16 M8	C	**1.930** 49.02	**1.550** 39.37	**.625** 15.88	**.926** 23.52	**.083** 2.11	**.504** 12.80	321870*
		C	**2.000** 50.80	**1.545** 39.24	**.625** 15.88	**.946** 24.03	**.083** 2.11	**.504** 12.80	36922
	3/8	C	**1.930** 49.02	**1.550** 39.37	**.625** 15.88	**.926** 23.52	**.083** 2.11	**.504** 12.80	321871*
		C	**2.000** 50.80	**1.545** 39.24	**.625** 15.88	**.946** 24.03	**.083** 2.11	**.504** 12.80	36923*
	7/16	C	**1.930** 49.02	**1.550** 39.37	**.625** 15.88	**.926** 23.52	**.083** 2.11	**.504** 12.80	321872
	1/2 M12	C	**1.930** 49.02	**1.550** 39.37	**.625** 15.88	**.926** 23.52	**.083** 2.11	**.504** 12.80	321873*
		C	**2.000** 50.80	**1.545** 39.24	**.625** 15.88	**.946** 24.03	**.083** 2.11	**.504** 12.80	36925*
		C	**2.671** 67.84	**2.056** 52.22	**1.125** 28.58	**1.270** 32.26	**.083** 2.11	**.504** 12.80	322391
	5/8 M16	C	**2.671** 67.84	**2.056** 52.22	**1.125** 28.58	**1.270** 32.26	**.083** 2.11	**.504** 12.80	322224
	3/4	C	**2.671** 67.84	**2.056** 52.22	**1.125** 28.58	**1.270** 32.26	**.083** 2.11	**.504** 12.80	322225
3/0 150,500–190,000 [76.3–96.3]	1/4	B	**2.112** 53.64	**1.622** 41.20	**.625** 15.88	**1.020** 25.91	**.094** 2.39	**.565** 14.35	323868
	5/16 M8	B	**2.112** 53.64	**1.622** 41.20	**.625** 15.88	**1.020** 25.91	**.094** 2.39	**.565** 14.35	321874
		B	**2.143** 54.43	**1.643** 41.73	**.625** 15.88	**1.082** 27.48	**.094** 2.39	**.565** 14.35	320266
	3/8	B	**2.112** 53.64	**1.622** 41.20	**.625** 15.88	**1.020** 25.91	**.094** 2.39	**.565** 14.35	321875*
		B	**2.143** 54.43	**1.643** 41.73	**.625** 15.88	**1.082** 27.48	**.094** 2.39	**.565** 14.35	36927*
	7/16	B	**2.112** 53.64	**1.622** 41.20	**.625** 15.88	**1.020** 25.91	**.094** 2.39	**.565** 14.35	321876

*Part numbers are available in small quantity packages.

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Ring Tongue Terminals (Continued)

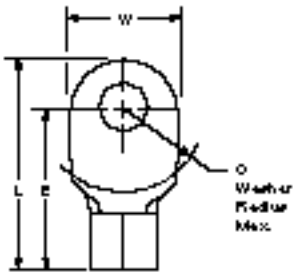
Wire Size Range

**AWG 3/0 to 300 MCM,
CMA 150,500 to 300,000
[76.3 to 152 mm²]**

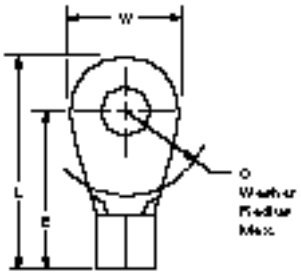
Material

Terminal Body — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



B



C

Wire Size Circular Mils [mm²]	Stud Size	Style	Dimensions L Max.	Dimensions E Max.	Dimensions C	Dimensions W	Material Thickness Max.	Wire Barrel I.D. Min. Solistrand	Part Numbers Solistrand
3/0 150,500–190,000 [76.3–96.3]	1/2 M12	B	**2.143** 54.43	**1.643** 41.73	**.625** 15.88	**1.082** 27.48	**.094** 2.39	**.565** 14.35	36929*
		B	**2.112** 53.64	**1.622** 41.20	**.625** 15.88	**1.020** 25.91	**.094** 2.39	**.565** 14.35	321877*
	5/8 M16	C	**2.699** 68.55	**2.084** 52.93	**1.125** 28.58	**1.270** 32.26	**.094** 2.39	**.565** 14.35	322222
		B	**2.143** 54.43	**1.643** 41.73	**.625** 15.88	**1.082** 27.48	**.094** 2.39	**.565** 14.35	36930
	3/4	C	**2.699** 68.55	**2.084** 52.93	**1.125** 28.58	**1.270** 32.26	**.094** 2.39	**.565** 14.35	322223
4/0 190,000–231,000 [96.3–117]	1/4 M6	B	**2.206** 56.03	**1.644** 41.76	**.625** 15.88	**1.150** 29.21	**.105** 2.67	**.635** 16.13	2-36932-2
	5/16 M8	B	**2.537** 64.44	**1.985** 50.42	**1.078** 27.38	**1.150** 29.21	**.105** 2.67	**.635** 16.13	321271
	3/8	B	**2.206** 56.03	**1.644** 41.76	**.625** 15.88	**1.150** 29.21	**.105** 2.67	**.635** 16.13	36932
		B	**2.178** 55.32	**1.657** 42.09	**.625** 15.88	**1.087** 27.61	**.105** 2.67	**.635** 16.13	321878*
	7/16	B	**2.178** 55.32	**1.657** 42.09	**.625** 15.88	**1.087** 27.61	**.105** 2.67	**.635** 16.13	321879
	1/2 M12	B	**2.178** 55.32	**1.657** 42.09	**.625** 15.88	**1.087** 27.61	**.105** 2.67	**.635** 16.13	321880*
		B	**2.206** 56.03	**1.644** 41.76	**.625** 15.88	**1.150** 29.21	**.105** 2.67	**.635** 16.13	36934*
		B	**2.537** 64.44	**1.985** 50.42	**1.078** 27.38	**1.150** 29.21	**.105** 2.67	**.635** 16.13	321163
	5/8 M16	B	**2.206** 56.03	**1.644** 41.76	**.625** 15.88	**1.150** 29.21	**.105** 2.67	**.635** 16.13	36935
		C	**2.732** 69.39	**2.117** 53.77	**1.078** 27.38	**1.275** 32.39	**.105** 2.67	**.635** 16.13	322227
	3/4	C	**2.732** 69.39	**2.117** 53.77	**1.078** 27.38	**1.275** 32.39	**.105** 2.67	**.635** 16.13	322228
	7/8 M22	C	**2.732** 69.39	**2.117** 53.77	**1.078** 27.38	**1.275** 32.39	**.105** 2.67	**.635** 16.13	321625
250–300 MCM 231,000–300,000 [117–152]	3/8	B	**2.602** 66.09	**1.987** 50.47	**.625** 15.88	**1.435** 36.45	**.130** 3.30	**.753** 19.13	322252
	7/16	B	**2.602** 66.09	**1.987** 50.47	**.625** 15.88	**1.435** 36.45	**.130** 3.30	**.753** 19.13	322253
	1/2 M12	B	**2.602** 66.09	**1.987** 50.47	**.625** 15.88	**1.435** 36.45	**.130** 3.30	**.753** 19.13	322254
	5/8 M16	B	**2.602** 66.09	**1.987** 50.47	**.625** 15.88	**1.435** 36.45	**.130** 3.30	**.753** 19.13	323050
	3/4	B	**3.259** 82.78	**2.566** 65.18	**1.203** 30.56	**1.435** 36.45	**.130** 3.30	**.753** 19.13	323140
	1	B	**3.259** 82.78	**2.566** 65.18	**1.203** 30.56	**1.435** 36.45	**.130** 3.30	**.753** 19.13	323034

*Part numbers are available in small quantity packages.

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Ring Tongue Terminals (Continued)

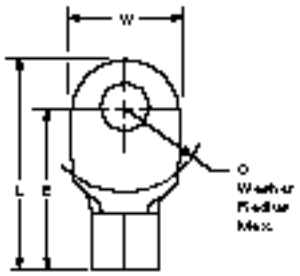
Wire Size Range

300 to 600 MCM, CMA 300,000 — 600,000 [152 to 304 mm²]

Material

Terminal Body — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



B

Wire Size Circular Mils [mm²]	Stud Size	Style	Dimensions L Max.	E Max.	C	W	Material Thickness Max.	Wire Barrel I.D. Min. Solistrand	Part Numbers Solistrand
300–350 MCM 300,000–380,000 [152–193]	3/8	B	**2.671** 67.84	**2.056** 52.22	**.625** 15.88	**1.545** 39.24	**.140** 3.56	**.819** 20.80	322257
		B	**3.422** 86.92	**2.675** 67.95	**1.250** 31.75	**1.545** 39.24	**.140** 3.56	**.819** 20.80	322763
	7/16	B	**2.671** 67.84	**2.056** 52.22	**.625** 15.88	**1.545** 39.24	**.140** 3.56	**.819** 20.80	322258
	1/2 M12	B	**2.671** 67.84	**2.056** 52.22	**.625** 15.88	**1.545** 39.24	**.140** 3.56	**.819** 20.80	322259
		B	**3.422** 86.92	**2.675** 67.95	**1.250** 31.75	**1.545** 39.24	**.140** 3.56	**.819** 20.80	322764
	5/8	B	**2.671** 67.84	**2.065** 52.22	**.625** 15.88	**1.545** 39.24	**.140** 3.56	**.819** 20.80	324105
	3/4	B	**3.422** 86.92	**2.675** 67.95	**1.250** 31.75	**1.545** 39.24	**.140** 3.56	**.819** 20.80	322428
400 MCM 380,000–478,000 [193–242]	3/8	B	**2.790** 70.87	**2.175** 55.25	**.625** 15.88	**1.749** 44.42	**.158** 4.01	**.930** 23.62	322262
	7/16	B	**2.790** 70.87	**2.175** 55.25	**.625** 15.88	**1.749** 44.42	**.158** 4.01	**.930** 23.62	322263
	1/2 M12	B	**2.790** 70.87	**2.175** 55.25	**.625** 15.88	**1.749** 44.42	**.158** 4.01	**.930** 23.62	322264
		B	**3.644** 92.56	**2.795** 70.99	**1.250** 31.75	**1.749** 44.42	**.158** 4.01	**.930** 23.62	327882
	5/8 M16	B	**2.790** 70.87	**2.175** 55.25	**.625** 15.88	**1.749** 44.42	**.158** 4.01	**.930** 23.62	324202
	3/4	B	**3.644** 92.56	**2.795** 70.99	**1.250** 31.75	**1.749** 44.42	**.158** 4.01	**.930** 23.62	323222
	1	B	**3.644** 92.56	**2.795** 70.99	**1.250** 31.75	**1.749** 44.42	**.158** 4.01	**.930** 23.62	322939
500–600 MCM 478,000–600,000 [242–304]	3/8	B	**3.187** 80.95	**2.447** 62.15	**.750** 19.05	**2.015** 51.18	**.182** 4.62	**1.075** 27.31	322267
		B	**4.176** 106.07	**3.194** 81.13	**1.500** 38.10	**2.015** 51.18	**.182** 4.62	**1.075** 27.31	322772
	1/2 M12	B	**3.187** 80.95	**2.447** 62.15	**.750** 19.05	**2.015** 51.18	**.182** 4.62	**1.075** 27.31	322269
		B	**4.176** 106.07	**3.194** 81.13	**1.500** 38.10	**2.015** 51.18	**.182** 4.62	**1.075** 27.31	322773
	5/8 M16	B	**3.187** 80.95	**2.447** 62.15	**.750** 19.05	**2.015** 51.18	**.182** 4.62	**1.075** 27.31	322270
	3/4	B	**4.176** 106.07	**3.194** 81.13	**1.500** 38.10	**2.015** 51.18	**.182** 4.62	**1.075** 27.31	322271
	1	B	**4.176** 106.07	**3.194** 81.13	**1.500** 38.10	**2.015** 51.18	**.182** 4.62	**1.075** 27.31	322273

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Technical Support 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.

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Right Angle Ring Tongue Terminals

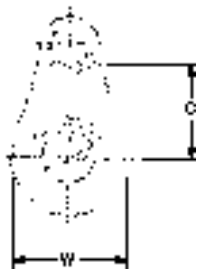
Wire Size Range

**AWG 22 to 300 MCM,
CMA 509 — 300,000
[0.26 to 152 mm²]**

Material

Terminal Body — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



Wire Size Circular Mils [mm²]	Stud Size	Dimensions C Min.	Dimensions W	Material Thickness Max.	Wire Barrel ID Min	Part Numbers
22-16 509-3,260 [0.26-1.65]	6	**.171** 4.34	**.281** 7.14	**.033** .838	**.061** 1.55	321262
	10	**.187** 4.75	**.312** 7.92	**.033** .838	**.061** 1.55	322768
16-14 2,050-5,180 [1.04-2.62]	8	**.185** 4.70	**.343** 8.71	**.050** 1.27	**.105** 2.67	184269
	10	**.192** 4.88	**.343** 8.71	**.033** .838	**.085** 2.16	322821
8 13,100-20,800 [6.64-10.5]	1/4	**.432** 10.97	**.594** 15.09	**.051** 1.30	**.172** 4.37	35277
6 20,800-33,100 [10.5-16.8]	1/4	**.390** 9.91	**.625** 15.88	**.060** 1.52	**.232** 5.89	35678
	5/16	**.390** 9.91	**.625** 15.88	**.060** 1.52	**.232** 5.89	33466-1
4 33,100-52,600 [16.8-26.7]	1/4	**.375** 9.53	**.656** 16.66	**.073** 1.85	**.296** 7.52	35625
	5/16	**.348** 8.84	**.625** 15.88	**.073** 1.85	**.280** 7.11	33115-1
	3/8	**.348** 8.84	**.625** 15.88	**.073** 1.85	**.280** 7.11	31812-1
2 52,600-83,700 [26.7-42.4]	5/16	**.422** 10.72	**.625** 15.88	**.073** 1.85	**.370** 9.40	322870-1
1/0 83,700-119,500 [42.4-60.6]	1/4	**.437** 11.10	**.807** 20.50	**.073** 1.85	**.444** 11.28	322905
	5/16	**.531** 13.49	**.807** 20.50	**.073** 1.85	**.444** 11.28	321867-1
	3/8	**.531** 13.49	**.807** 20.50	**.073** 1.85	**.444** 11.28	322906
	1/2	**.531** 13.49	**.875** 22.23	**.073** 1.85	**.444** 11.28	322909
2/0 119,500-150,500 [60.6-76.3]	5/16	**.500** 12.70	**.946** 24.03	**.083** 2.11	**.504** 12.80	36922-1
	3/8	**.531** 13.49	**.926** 23.52	**.083** 2.11	**.504** 12.80	322912
3/0 150,500-190,000 [76.3-96.3]	5/16	**.531** 13.49	**1.020** 25.91	**.094** 2.39	**.565** 14.35	321874-1
	3/8	**.468** 11.89	**1.082** 27.48	**.094** 2.39	**.565** 14.35	324035
	1/2	**.468** 11.89	**1.062** 26.97	**.094** 2.39	**.565** 14.35	36929-1
4/0 190,000-231,000 [96.3-117]	5/16	**.750** 19.05	**1.150** 29.21	**.105** 2.67	**.635** 16.13	321272
	3/8	**.484** 12.29	**1.140** 28.96	**.105** 2.67	**.635** 16.13	321265
250-300 MCM 231,000-300,000 [117-152]	1/2	**.863** 21.92	**1.435** 36.45	**.129** 3.28	**.753** 19.13	324023

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Technical Support 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.

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Heavy Duty Ring Tongue Terminals

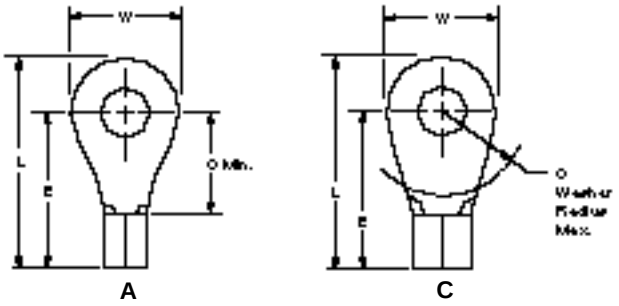
Wire Size Range

**AWG 16 to 8,
CMA 2,050 to 20,800
[1.04 to 10.5 mm²]**

Material

Terminal Body — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



A C

Wire Size Circular Mils [mm²]	Stud Size	Style	Dimensions L Max.	Dimensions E Max.	Dimensions C	Dimensions W	Material Thickness Max.	Wire Barrel I.D. Min. Solistrand	Wire Barrel I.D. Min. Budget	Part Numbers Solistrand	Part Numbers Budget
16–14 2,050–5,180 [1.04–2.62]	4	A	**.630** 16.00	**.487** 12.37	**.219** 5.56	**.281** 7.14	**.050** 1.27	—	**.110** 2.79	—	33728
	6 M3.5	A	**.630** 16.00	**.487** 12.37	**.219** 5.56	**.281** 7.14	**.050** 1.27	—	**.110** 2.79	—	33729
		A	**.723** 18.36	**.549** 13.94	**.281** 7.14	**.343** 8.71	**.050** 1.27	**.105** 2.67	**.110** 2.79	322833	33716
	8 M4	A	**.723** 18.36	**.549** 13.94	**.281** 7.14	**.343** 8.71	**.050** 1.27	**.105** 2.67	**.110** 2.79	35432	33717
	10	A	**.723** 18.36	**.549** 13.94	**.281** 7.14	**.343** 8.71	**.050** 1.27	**.105** 2.67	**.110** 2.79	34567* 2-34567-1	33718
		A	**.865** 21.97	**.612** 15.54	**.344** 8.74	**.500** 12.70	**.050** 1.27	—	**.110** 2.79	—	34967
		A	**.973** 24.71	**.705** 17.91	**.437** 11.10	**.531** 13.49	**.050** 1.27	—	**.110** 2.79	—	33646
	1/4 M6	A	**.865** 21.97	**.612** 15.54	**.344** 8.74	**.500** 12.70	**.050** 1.27	**.105** 2.67	**.110** 2.79	35775* 2-35775-1	34968
		A	**.973** 24.71	**.705** 17.91	**.437** 11.10	**.531** 13.49	**.050** 1.27	—	**.110** 2.79	—	33195
	5/16 M8	A	**.865** 21.97	**.612** 15.54	**.344** 8.74	**.500** 12.70	**.050** 1.27	**.105** 2.67	**.110** 2.79	35776	34969
		A	**.973** 24.71	**.705** 17.91	**.437** 11.10	**.531** 13.49	**.050** 1.27	—	**.110** 2.79	—	33647
	3/8	A	**.973** 24.71	**.705** 17.91	**.437** 11.10	**.531** 13.49	**.050** 1.27	**.105** 2.67	**.110** 2.79	322832	33648
		A	**1.271** 32.28	**.893** 22.68	**.625** 15.88	**.750** 19.05	**.050** 1.27	**.105** 2.67	**.110** 2.79	327732	34829
	1/2 M12	A	**1.271** 32.28	**.893** 22.68	**.625** 15.88	**.750** 19.05	**.050** 1.27	**.105** 2.67	**.110** 2.79	321165*	34830
		A	**1.896** 48.16	**1.268** 32.21	**1.000** 25.40	**1.250** 31.75	**.050** 1.27	—	**.110** 2.79	—	36199
	5/8 M16	A	**1.896** 48.16	**1.268** 32.21	**1.000** 25.40	**1.250** 31.75	**.050** 1.27	**.105** 2.67	**.110** 2.79	320758	36200
	3/4	A	**1.896** 48.16	**1.268** 32.21	**1.000** 25.40	**1.250** 31.75	**.050** 1.27	**.105** 2.67	**.110** 2.79	320759	36201
8 13,100–20,800 [6.64–10.5]	10	C	**1.273** 32.33	**.977** 24.82	**.443** 11.25	**.587** 14.91	**.095** 2.41	**.177** 4.50	—	331414	—
	1/4 M6	C	**.949** 24.10	**.696** 17.68	**.240** 6.10	**.500** 12.70	**.095** 2.41	**.177** 4.50	—	330968	—
		C	**.933** 23.70	**.696** 17.68	**.250** 6.35	**.468** 11.89	**.095** 2.41	**.177** 4.50	—	332042	—
	5/16 M8	C	**1.273** 32.33	**.977** 24.82	**.443** 11.25	**.587** 14.91	**.095** 2.41	**.177** 4.50	—	1-331414-1	—

Note: Part numbers are shown as loose piece over tape mounted product.
*Part numbers are available in small quantity packages.

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Heavy Duty Ring Tongue Terminals (Continued)

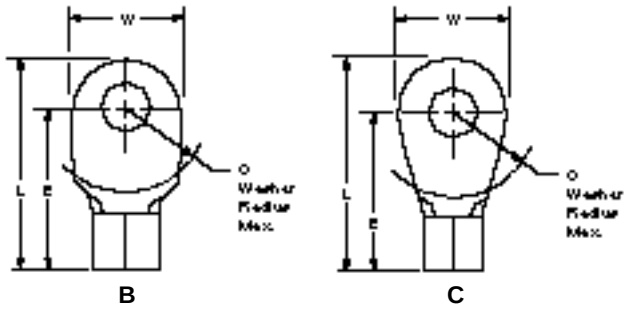
Wire Size Range

AWG 6 to 1/0,
CMA 20,800 to 119,500
[10.5 to 60.6 mm²]

Material

Terminal Body — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



B C

Wire Size Circular Mils [mm²]	Stud Size	Style	Dimensions L Max.	E Max.	C	W	Material Thickness Max.	Wire Barrel I.D. Min. Solistrand	Part Numbers Solistrand
6 20,800–33,100 [10.5–16.8]	10	B	**1.184** 30.07	**.931** 23.65	**.370** 9.40	**.500** 12.70	**.095** 2.41	**.232** 5.89	2-330969-1
	1/4 M6	B	**1.184** 30.07	**.931** 23.65	**.370** 9.40	**.500** 12.70	**.095** 2.41	**.232** 5.89	330969
		C	**1.415** 35.94	**1.100** 27.94	**.454** 11.53	**.625** 15.88	**.095** 2.41	**.232** 5.89	331417
	3/8	C	**1.415** 35.94	**1.100** 27.94	**.454** 11.53	**.625** 15.88	**.095** 2.41	**.232** 5.89	1-331417-1
4 33,100–52,600 [16.8–26.7]	1/4 M6	B	**1.230** 31.24	**.977** 24.82	**.390** 9.91	**.500** 12.70	**.095** 2.41	**.296** 7.52	330970
		C	**1.535** 38.99	**1.193** 30.30	**.456** 11.58	**.679** 17.25	**.095** 2.41	**.296** 7.52	331420
	5/16 M8	C	**1.535** 38.99	**1.193** 30.30	**.456** 11.58	**.679** 17.25	**.095** 2.41	**.296** 7.52	1-331420-0
	3/8	C	**1.535** 38.99	**1.193** 30.30	**.456** 11.58	**.679** 17.25	**.095** 2.41	**.296** 7.52	1-331420-1
2 52,600–83,700 [26.7–42.4]	3/8	C	**1.745** 44.32	**1.315** 33.40	**.639** 16.23	**.855** 21.72	**.095** 2.41	**.375** 9.53	1-331423-0
	1/2 M12	C	**1.745** 44.32	**1.315** 33.40	**.639** 16.23	**.855** 21.72	**.095** 2.41	**.375** 9.53	1-331423-1
1/0 83,700–119,500 [42.4–60.6]	3/8	B	**1.928** 48.97	**1.519** 38.58	**.691** 17.55	**.822** 20.88	**.095** 2.41	**.439** 11.15	1-331880-0
	1/2 M12	B	**1.928** 48.97	**1.519** 38.58	**.691** 17.55	**.822** 20.88	**.095** 2.41	**.439** 11.15	1-331880-1

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Rectangular Tongue Terminals

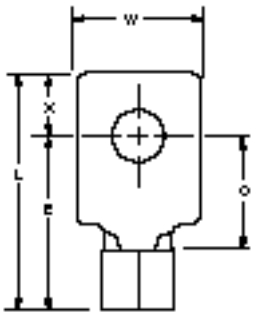
Wire Size Range

**AWG 22 to 14,
CMA 509 to 5,180
[0.26 to 2.62 mm²]**

Material

Terminal Body — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



Wire Size Circular Mils [mm²]	Stud Size	Dimensions L Max.	E Max.	C Min.	W	X	Material Thickness Max.	Wire Barrel I.D. Min. Solistrand	Budget	Part Numbers Solistrand	Budget
22-16 509–3,260 [0.26–1.65]	2 M2	**.551** 14.00	**.431** 10.95	**.250** 6.35	**.182** 4.62	**.115** 2.92	**.033** 0.84	—	**.065** 1.65	—	320870
	4	**.529** 13.44	**.384** 9.75	**.203** 5.16	**.213** 5.41	**.140** 3.56	**.033** 0.84	—	**.065** 1.65	—	32579
		.670 17.02	**.517** 13.13	**.237** 6.02	**.237** 6.02	**.143** 3.63	**.033** 0.84	**.061** 1.55	**.065** 1.65	328363	328349
		.551 14.00	**.431** 10.95	**.250** 6.35	**.182** 4.62	**.115** 2.92	**.033** 0.84	**.061** 1.55	**.065** 1.65	323119	322408
	6 M3.5	**.811** 20.60	**.606** 15.39	**.404** 10.26	**.237** 6.02	**.195** 4.95	**.033** 0.84	—	**.065** 1.65	—	327955
		.982 24.94	**.745** 18.92	**.465** 11.81	**.302** 7.67	**.227** 5.77	**.033** 0.84	**.061** 1.55	**.065** 1.65	328353	328339
		.670 17.02	**.462** 11.73	**.281** 7.14	**.312** 7.92	**.203** 5.16	**.033** 0.84	**.061** 1.55	**.065** 1.65	323112	321691
	8 M4	**.982** 24.94	**.745** 18.92	**.465** 11.81	**.302** 7.67	**.227** 5.77	**.033** 0.84	**.061** 1.55	**.065** 1.65	328355	328341
	10	**.748** 19.00	**.540** 13.72	**.281** 7.14	**.312** 7.92	**.203** 5.16	**.033** 0.84	**.061** 1.55	—	330539	—
		.670 17.02	**.462** 11.73	**.281** 7.14	**.375** 9.53	**.203** 5.16	**.033** 0.84	**.061** 1.55	**.065** 1.65	323106 2-323106-1	34525
		.546 13.87	**.399** 10.13	**.218** 5.54	**.344** 8.74	**.142** 3.61	**.033** 0.84	**.061** 1.55	**.065** 1.65	34459	31821
16–14 2,050–5,180 [1.04–2.62]	4	**.576** 14.63	**.462** 11.73	**.281** 7.14	**.215** 5.46	**.109** 2.77	**.033** 0.84	—	**.089** 2.26	—	31691
	5 M3	**.632** 16.05	**.479** 12.17	**.277** 7.04	**.277** 7.04	**.143** 3.63	**.033** 0.84	—	**.089** 2.26	—	327951
	6 M3.5	**.560** 14.22	**.368** 9.35	**.187** 4.75	**.250** 6.35	**.187** 4.75	**.033** 0.84	**.085** 2.16	**.089** 2.26	320815	320814
		.529 13.44	**.384** 9.75	**.203** 5.16	**.296** 7.52	**.140** 3.56	**.033** 0.84	**.085** 2.16	**.089** 2.26	34266 2-34266-1	31813
	8 M4	**.633** 16.08	**.493** 12.52	**.312** 7.92	**.244** 6.20	**.125** 3.18	**.033** 0.84	—	**.089** 2.26	—	35278
		.982 24.94	**.745** 18.92	**.465** 11.81	**.302** 7.67	**.227** 5.77	**.033** 0.84	**.085** 2.16	**.089** 2.26	328356	328342
	10	**.717** 18.21	**.462** 11.73	**.281** 7.14	**.312** 7.92	**.250** 6.35	**.033** 0.84	**.085** 2.16	**.089** 2.26	320819	320818
	12	**.951** 24.16	**.618** 15.70	**.437** 11.10	**.375** 9.53	**.328** 8.33	**.033** 0.84	—	**.089** 2.26	—	320820

Note: Part numbers are shown as loose piece over tape mounted product.

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Rectangular Tongue Terminals (Continued)

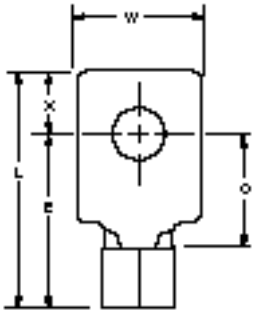
Wire Size Range

**AWG 12 to 10,
CMA 5,180 to 13,100
[2.62 to 6.64 mm²]**

Material

Terminal Body — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



Wire Size Circular Mils [mm²]	Stud Size	Dimensions L Max.	E Max.	C Min.	W	X	Material Thickness Max.	Wire Barrel I.D. Min. Solistrand	Budget	Part Numbers Solistrand	Budget
12–10 5,180–13,100 [2.62–6.64]	4	**.679** 17.25	**.526** 13.36	**.237** 6.02	**.237** 6.02	**.143** 3.63	**.042** 1.07	**.129** 3.28	**.134** 3.40	328050	327971
	5 M3	**.719** 18.26	**.566** 14.38	**.277** 7.04	**.277** 7.04	**.143** 3.63	**.042** 1.07	—	**.134** 3.40	—	327953
	6 M3.5	**.631** 16.03	**.486** 12.34	**.218** 5.54	**.290** 7.37	**.140** 3.56	**.042** 1.07	**.129** 3.28	**.134** 3.40	321499 2-321499-1	33426
		.898 22.81	**.693** 17.60	**.404** 10.26	**.237** 6.02	**.195** 4.95	**.042** 1.07	—	**.134** 3.40	—	327959
		1.006 25.55	**.736** 18.69	**.468** 11.89	**.296** 7.52	**.265** 6.73	**.042** 1.07	**.129** 3.28	**.134** 3.40	322946	322945
	8 M4	**.924** 23.47	**.754** 19.15	**.465** 11.81	**.302** 7.67	**.160** 4.06	**.042** 1.07	—	**.134** 3.40	—	331269
	10	**.843** 21.41	**.588** 14.94	**.320** 8.13	**.312** 7.92	**.250** 6.35	**.042** 1.07	**.129** 3.28	**.134** 3.40	321558	321557
	1/4 M6	**1.069** 27.15	**.736** 18.69	**.468** 11.89	**.469** 11.91	**.328** 8.33	**.042** 1.07	**.129** 3.28	**.134** 3.40	320823	320822

Note: Part numbers are shown as loose piece over tape mounted product.

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Spade Tongue Terminals

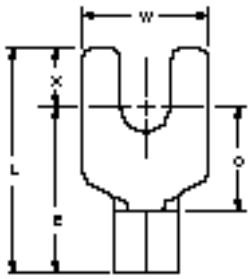
Wire Size Range

**AWG 26 to 10,
CMA 202 to 13,100
[0.1 to 6.64 mm²]**

Material

Terminal Body — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



Wire Size Circular Mils [mm²]	Stud Size	Dimensions L Max.	E Max.	C Min.	W	X	Material Thickness Max.	Wire Barrel I.D. Min. Solistrand	Budget	Part Numbers Solistrand	Budget
26–22 202–810 [0.1–0.41]	0	**.280** 7.11	**.213** 5.41	**.078** 1.98	**.125** 3.18	**.062** 1.57	**.020** 0.51	—	**.035** 0.89	—	32501
	4	**.431** 10.95	**.346** 8.79	**.211** 5.36	**.203** 5.16	**.076** 1.93	**.020** 0.51	—	**.035** 0.89	—	34247
22–16 509–3,260 [0.26–1.65]	2 M2	**.504** 12.80	**.384** 9.75	**.203** 5.16	**.182** 4.62	**.115** 2.92	**.033** 0.84	**.061** 1.55	**.065** 1.65	53555-1* 53555-2	328395
	4	**.451** 11.46	**.337** 8.56	**.156** 3.96	**.218** 5.54	**.109** 2.77	**.033** 0.84	**.061** 1.55	**.065** 1.65	321463 2-321463-1	323834
	6 M3.5	**.685** 17.40	**.493** 12.52	**.312** 7.92	**.375** 9.53	**.187** 4.75	**.033** 0.84	—	**.065** 1.65	—	31634
		.530 13.46	**.384** 9.75	**.203** 5.16	**.297** 7.54	**.141** 3.58	**.033** 0.84	**.061** 1.55	**.065** 1.65	36195* 2-36195-3	33765
		.623 15.82	**.493** 12.52	**.312** 7.92	**.250** 6.35	**.125** 3.18	**.033** 0.84	**.061** 1.55	**.065** 1.65	323127*	34518*
	8 M4	**.685** 17.40	**.493** 12.52	**.312** 7.92	**.375** 9.53	**.187** 4.75	**.033** 0.84	**.061** 1.55	**.065** 1.65	34117* 2-34117-2	31635*
		.653 16.59	**.477** 12.12	**.296** 7.52	**.343** 8.71	**.171** 4.34	**.033** 0.84	—	**.065** 1.65	—	323823
	10	**.733** 18.62	**.572** 14.53	**.312** 7.92	**.344** 8.74	**.156** 3.96	**.033** 0.84	**.061** 1.55	—	34583	34582
		.685 17.40	**.493** 12.52	**.312** 7.92	**.375** 9.53	**.187** 4.75	**.033** 0.84	**.061** 1.55	**.065** 1.65	34118* 2-34118-2	31636*
16–14 2,050–5,180 [1.04–2.62]	6 M3.5	**.685** 17.40	**.493** 12.52	**.312** 7.92	**.385** 9.78	**.187** 4.75	**.033** 0.84	—	**.089** 2.26	—	31704
		.530 13.46	**.384** 9.75	**.203** 5.16	**.297** 7.54	**.141** 3.58	**.033** 0.84	**.085** 2.16	**.089** 2.26	322996* 2-322996-1	33202*
		.623 15.82	**.493** 12.52	**.312** 7.92	**.244** 6.20	**.125** 3.18	**.033** 0.84	**.085** 2.16	**.089** 2.26	330827	33221
	8 M4	**.685** 17.40	**.493** 12.52	**.312** 7.92	**.385** 9.78	**.187** 4.75	**.033** 0.84	**.085** 2.16	**.089** 2.26	34128*	31705*
		.530 13.46	**.384** 9.75	**.203** 5.16	**.297** 7.54	**.141** 3.58	**.033** 0.84	**.085** 2.16	**.089** 2.26	36880 2-36880-1	35116
	10	**.764** 19.41	**.572** 14.53	**.312** 7.92	**.385** 9.78	**.187** 4.75	**.033** 0.84	**.085** 2.16	**.089** 2.26	33219*	31442
		.685 17.40	**.493** 12.52	**.312** 7.92	**.385** 9.78	**.187** 4.75	**.033** 0.84	**.085** 2.16	**.089** 2.26	34129*	31706
		.733 18.62	**.572** 14.53	**.312** 7.92	**.344** 8.74	**.156** 3.96	**.033** 0.84	**.085** 2.16	—	324521	—
12–10 5,180–13,100 [2.62–6.64]	6 M3.5	**.772** 19.61	**.564** 14.33	**.296** 7.52	**.406** 10.31	**.203** 5.16	**.042** 1.07	—	**.134** 3.40	—	31587
		.631 16.03	**.486** 12.34	**.218** 5.54	**.282** 7.16	**.140** 3.56	**.042** 1.07	**.129** 3.28	**.134** 3.40	322451*	34384
		.772 19.61	**.564** 14.33	**.296** 7.52	**.312** 7.92	**.203** 5.16	**.042** 1.07	—	**.134** 3.40	—	35493
	8 M4	**.991** 25.17	**.757** 19.23	**.468** 11.89	**.312** 7.92	**.250** 6.35	**.042** 1.07	**.129** 3.28	**.134** 3.40	325196	325195
		.772 19.61	**.564** 14.33	**.296** 7.52	**.406** 10.31	**.203** 5.16	**.042** 1.07	**.129** 3.28	**.134** 3.40	32995*	31588*
	10	**.772** 19.61	**.564** 14.33	**.296** 7.52	**.406** 10.31	**.203** 5.16	**.042** 1.07	**.129** 3.28	**.134** 3.40	33479* 2-33479-1	31589
		.772 19.61	**.564** 14.33	**.296** 7.52	**.375** 9.53	**.203** 5.16	**.042** 1.07	**.129** 3.28	**.134** 3.40	35495* 2-35495-2	35494*

Note: Part numbers are shown as loose piece over tape mounted product.
*Part numbers are available in small quantity packages.

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Short Spring Spade Tongue Terminals

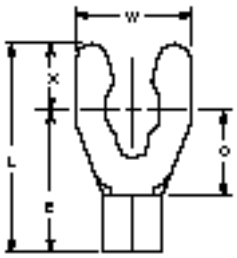
Wire Size Range

**AWG 26 to 16,
CMA 202 to 3,260
[0.1 to 1.65 mm²]**

Material

Terminal Body — Phosphor Bronze per ASTM B-103

Plating — Tin per MIL-T-10727



Wire Size Circular Mils [mm²]	Stud Size	Dimensions L Max.	E Max.	C Min.	W	X	Material Thickness Max.	Wire Barrel I.D. Min. Solistrand	Budget	Part Numbers Solistrand	Budget
26–22 202–810 [0.1–0.41]	2 M2	**.455** 11.56	**.341** 8.66	**.206** 5.23	**.171** 4.34	**.109** 2.77	**.020** 0.51	—	**.034** 0.86	—	53000-1
	4	**.499** 12.67	**.354** 8.99	**.219** 5.56	**.203** 5.16	**.140** 3.56	**.020** 0.51	—	**.034** 0.86	—	53001-1
	5 M3	**.483** 12.27	**.338** 8.59	**.203** 5.16	**.250** 6.35	**.140** 3.56	**.020** 0.51	—	**.034** 0.86	—	53002-1
	6 M3.5	**.483** 12.27	**.338** 8.59	**.203** 5.16	**.250** 6.35	**.140** 3.56	**.020** 0.51	—	**.034** 0.86	—	53003-1
	8 M4	**.591** 15.01	**.416** 10.57	**.281** 7.14	**.375** 9.53	**.170** 4.32	**.020** 0.51	—	**.034** 0.86	—	53004-1
22–16 509–3,260 [0.26–1.65]	4	**.576** 14.63	**.431** 10.95	**.250** 6.35	**.203** 5.16	**.140** 3.56	**.033** 0.84	**.061** 1.55	**.065** 1.65	53175-1*	53150-2
	5 M3	**.576** 14.63	**.431** 10.95	**.250** 6.35	**.250** 6.35	**.140** 3.56	**.033** 0.84	—	**.065** 1.65	—	53005-1
	6 M3.5	**.576** 14.63	**.431** 10.95	**.250** 6.35	**.250** 6.35	**.140** 3.56	**.033** 0.84	**.061** 1.55	**.065** 1.65	53120-1* 53120-2	53006-1
		.576 14.63	**.431** 10.95	**.250** 6.35	**.234** 5.94	**.140** 3.56	**.033** 0.84	**.061** 1.55	**.065** 1.65	53830-1 53830-2	53266-2
	8 M4	**.637** 16.18	**.462** 11.73	**.281** 7.14	**.375** 9.53	**.170** 4.32	**.033** 0.84	**.061** 1.55	**.065** 1.65	53121-1	53007-1
		.637 16.18	**.462** 11.73	**.281** 7.14	**.244** 6.20	**.170** 4.32	**.033** 0.84	**.061** 1.55	**.065** 1.65	53831-1* 53831-2	53267-2
	10	**.685** 17.40	**.462** 11.73	**.281** 7.14	**.294** 7.47	**.218** 5.54	**.033** 0.84	**.061** 1.55	**.065** 1.65	53832-1 53832-2	53268-2
	1/4-28 UNF M6	**.810** 20.57	**.524** 13.31	**.343** 8.71	**.625** 15.88	**.281** 7.14	**.033** 0.84	—	**.065** 1.65	—	53235-2

Note: Part numbers are shown as loose piece over tape mounted product.
*Part numbers are available in small quantity packages.

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Technical Support 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.

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Short Spring Spade Tongue Terminals (Continued)

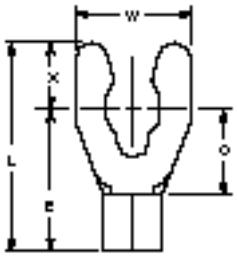
Wire Size Range

**AWG 16 to 10,
CMA 2,050 to 13,100
[1.04 to 6.64 mm²]**

Material

Terminal Body — Phosphor Bronze per ASTM B-103

Plating — Tin per MIL-T-10727



Wire Size Circular Mils [mm²]	Stud Size	Dimensions L Max.	E Max.	C Min.	W	X	Material Thickness Max.	Wire Barrel I.D. Min. Solistrand	Budget	Part Numbers Solistrand	Budget
16–14 2,050–5,180 [1.04–2.62]	5 M3	**.576** 14.63	**.431** 10.95	**.250** 6.35	**.250** 6.35	**.140** 3.56	**.033** 0.84	**.085** 2.16	**.089** 2.26	53177-1	53009-1
	6 M3.5	**.576** 14.63	**.431** 10.95	**.250** 6.35	**.250** 6.35	**.140** 3.56	**.033** 0.84	**.085** 2.16	**.089** 2.26	53123-1* 53123-2	53010-1
	8 M4	**.637** 16.18	**.462** 11.73	**.281** 7.14	**.375** 9.53	**.170** 4.32	**.033** 0.84	**.085** 2.16	**.089** 2.26	53124-1* 53124-2	53011-1
		.637 16.18	**.462** 11.73	**.281** 7.14	**.244** 6.20	**.170** 4.32	**.033** 0.84	**.085** 2.16	**.089** 2.26	53833-1 53833-2	53270-2
	10	**.685** 17.40	**.462** 11.73	**.281** 7.14	**.406** 10.31	**.218** 5.54	**.033** 0.84	**.085** 2.16	**.089** 2.26	53125-1* 53125-2	53012-1
		.685 17.40	**.462** 11.73	**.281** 7.14	**.294** 7.47	**.218** 5.54	**.033** 0.84	**.085** 2.16	**.089** 2.26	53834-1 53834-2	53271-2
	1/4-28 UNF M6	**.810** 20.57	**.524** 13.31	**.343** 8.71	**.625** 15.88	**.281** 7.14	**.033** 0.84	—	**.089** 2.26	—	53032-1
12–10 5,180–13,100 [2.62–6.64]	5 M3	**.636** 16.15	**.447** 11.35	**.169** 4.29	**.250** 6.35	**.184** 4.67	**.042** 1.07	—	**.134** 3.40	—	53013-1
	6 M3.5	**.636** 16.15	**.452** 11.48	**.174** 4.42	**.250** 6.35	**.179** 4.55	**.042** 1.07	**.129** 3.28	**.134** 3.40	53126-1* 53126-2	53014-1
	8 M4	**.729** 18.52	**.554** 14.07	**.276** 7.01	**.375** 9.53	**.170** 4.32	**.042** 1.07	**.129** 3.28	**.134** 3.40	53127-1* 53127-2	53015-1
		.729 18.52	**.554** 14.07	**.276** 7.01	**.312** 7.92	**.170** 4.32	**.042** 1.07	**.129** 3.28	**.134** 3.40	53835-1 53835-2	53273-2
	10	**.777** 19.74	**.554** 14.07	**.276** 7.01	**.406** 10.31	**.218** 5.54	**.042** 1.07	**.129** 3.28	**.134** 3.40	53128-1* 53128-2	53016-1
		.777 19.74	**.554** 14.07	**.276** 7.01	**.312** 7.92	**.218** 5.54	**.042** 1.07	**.129** 3.28	**.134** 3.40	53836-1 53836-2	53274-2
	1/4-28 UNF M6	**.902** 22.91	**.616** 15.65	**.338** 8.59	**.375** 9.53	**.281** 7.14	**.042** 1.07	—	**.134** 3.40	—	53226-2

Note: Part numbers are shown as loose piece over tape mounted product.
*Part numbers are available in small quantity packages.

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Long Spring Spade Tongue Terminals

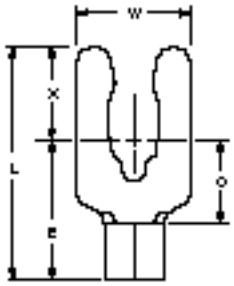
Wire Size Range

**AWG 26 to 10,
CMA 202 to 13,100
[0.1 to 6.64 mm²]**

Material

Terminal Body — Phosphor Bronze per ASTM B-103

Plating — Tin per MIL-T-10727



Wire Size Circular Mils [mm²]	Stud Size	Dimensions L Max.	E Max.	C Min.	W	X	Material Thickness Max.	Wire Barrel I.D. Min. Solistrand	Budget	Part Numbers Solistrand	Budget
26–22 202–810 [0.1–0.41]	4	**.637** 16.18	**.341** 8.66	**.206** 5.23	**.203** 5.16	**.276** 7.01	**.020** 0.51	—	**.034** 0.86	—	52733-1
	6 M3.5	**.666** 16.92	**.370** 9.40	**.235** 5.97	**.250** 6.35	**.276** 7.01	**.020** 0.51	—	**.034** 0.86	—	52734-1
	8 M4	**.696** 17.68	**.400** 10.16	**.265** 6.73	**.281** 7.14	**.290** 7.37	**.020** 0.51	—	**.034** 0.86	—	52735-1
22–16 509–3,260 [0.26–1.65]	4	**.673** 17.09	**.392** 9.96	**.201** 5.11	**.203** 5.16	**.276** 7.01	**.033** 0.84	—	**.065** 1.65	—	53047
	6 M3.5	**.709** 18.01	**.429** 10.90	**.238** 6.05	**.250** 6.35	**.276** 7.01	**.033** 0.84	**.061** 1.55	**.065** 1.65	52709-1	52700-1
	8 M4	**.756** 19.20	**.461** 11.71	**.270** 6.86	**.281** 7.14	**.290** 7.37	**.033** 0.84	**.061** 1.55	**.065** 1.65	52710-1* 52710-2	52701-1
	10	**.782** 19.86	**.474** 12.04	**.283** 7.19	**.343** 8.71	**.303** 7.70	**.033** 0.84	—	**.065** 1.65	—	52702-1
	1/4-28 UNF M6	**.879** 22.33	**.536** 13.61	**.340** 8.64	**.437** 11.10	**.333** 8.46	**.033** 0.84	—	**.065** 1.65	—	53111-2
16–14 2,050–5,180 [1.04–2.62]	6 M3.5	**.709** 18.01	**.429** 10.90	**.238** 6.05	**.250** 6.35	**.276** 7.01	**.033** 0.84	**.085** 2.16	**.089** 2.26	52712-1*	52703-1
	8 M4	**.756** 19.20	**.461** 11.71	**.270** 6.86	**.281** 7.14	**.290** 7.37	**.033** 0.84	**.085** 2.16	**.089** 2.26	52713-1* 52713-2	52704-1 52704-3
	10	**.782** 19.86	**.474** 12.04	**.283** 7.19	**.343** 8.71	**.303** 7.70	**.033** 0.84	**.085** 2.16	**.089** 2.26	52714-1*	52705-1
	1/4-28 UNF M6	**.879** 22.33	**.536** 13.61	**.345** 8.76	**.437** 11.10	**.338** 8.59	**.033** 0.84	—	**.089** 2.26	—	53033-1
12–10 5,180–13,100 [2.62–6.64]	6 M3.5	**.808** 20.52	**.520** 13.21	**.242** 6.15	**.312** 7.92	**.283** 7.19	**.042** 1.07	**.129** 3.28	**.134** 3.40	52715-1	52706-1
	8 M4	**.851** 21.62	**.551** 14.00	**.273** 6.93	**.375** 9.53	**.295** 7.49	**.042** 1.07	**.129** 3.28	**.134** 3.40	52716-1 52716-2	52707-1 52707-3
	10	**.896** 22.76	**.583** 14.81	**.305** 7.75	**.375** 9.53	**.308** 7.82	**.042** 1.07	**.129** 3.28	**.134** 3.40	52717-1 52717-2	52708-1
	1/4-28 UNF M6	**.966** 24.54	**.623** 15.82	**.345** 8.76	**.437** 11.10	**.338** 8.59	**.042** 1.07	—	**.134** 3.40	—	52772-1

Note: Part numbers are shown as loose piece over tape mounted product.
*Part numbers are available in small quantity packages.

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Flanged Spade Tongue Terminals

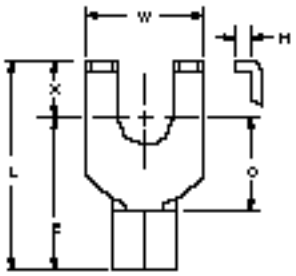
Wire Size Range

**AWG 26 to 10,
CMA 202 to 13,100
[0.1 to 6.64 mm²]**

Material

Terminal Body — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



Wire Size Circular Mils [mm²]	Stud Size	Dimensions						Material Thickness Max.	Wire Barrel I.D. Min.		Part Numbers	
		L Max.	E Max.	C Min.	W	X	H Min.		Solistrand	Budget	Solistrand	Budget
26–22 202–810 [0.1–0.41]	2 M2	**.453** 11.51	**.338** 8.59	**.203** 5.16	**.182** 4.62	**.110** 2.79	**.026** 0.66	**.020** 0.51	—	**.035** 0.89	—	324599
	4	**.453** 11.51	**.338** 8.59	**.203** 5.16	**.193** 4.90	**.110** 2.79	**.026** 0.66	**.020** 0.51	—	**.035** 0.89	—	52512-1
	6 M3.5	**.453** 11.51	**.338** 8.59	**.203** 5.16	**.250** 6.35	**.110** 2.79	**.026** 0.66	**.020** 0.51	—	**.035** 0.89	—	51875-1
22–16 509–3,260 [0.26–1.65]	2 M2	**.504** 12.80	**.384** 9.75	**.203** 5.16	**.182** 4.62	**.115** 2.92	**.041** 1.04	**.033** 0.84	**.061** 1.55	**.065** 1.65	324605*	324604
	6 M3.5	**.514** 13.06	**.384** 9.75	**.203** 5.16	**.296** 7.52	**.125** 3.18	**.045** 1.14	**.033** 0.84	**.061** 1.55	**.065** 1.65	320749* 2-320749-2	32418
		.514 13.06	**.384** 9.75	**.203** 5.16	**.250** 6.35	**.125** 3.18	**.045** 1.14	**.033** 0.84	**.061** 1.55	**.065** 1.65	323136* 2-323136-1	322776
	8 M4	**.607** 15.42	**.431** 10.95	**.250** 6.35	**.416** 10.57	**.171** 4.34	**.062** 1.57	**.033** 0.84	**.061** 1.55	**.065** 1.65	323124*	32494
		.514 13.06	**.384** 9.75	**.203** 5.16	**.296** 7.52	**.125** 3.18	**.045** 1.14	**.033** 0.84	**.061** 1.55	**.065** 1.65	52730* 52730-1	1-32418-2 1-32418-4
	10	**.514** 13.06	**.384** 9.75	**.203** 5.16	**.296** 7.52	**.125** 3.18	**.045** 1.14	**.033** 0.84	—	**.065** 1.65	—	328522
16–14 2,050–5,180 [1.04–2.62]	6 M3.5	**.514** 13.06	**.384** 9.75	**.203** 5.16	**.294** 7.47	**.125** 3.18	**.047** 1.19	**.033** 0.84	**.085** 2.16	**.089** 2.26	320855* 2-320855-1	320852
	8 M4	**.514** 13.06	**.384** 9.75	**.203** 5.16	**.294** 7.47	**.125** 3.18	**.047** 1.19	**.033** 0.84	**.085** 2.16	**.089** 2.26	320856* 2-320856-1	320853
	10	**.514** 13.06	**.384** 9.75	**.203** 5.16	**.294** 7.47	**.125** 3.18	**.047** 1.19	**.033** 0.84	**.085** 2.16	**.089** 2.26	320857* 2-320857-1	320854
12-10 5,180–13,100 [2.62–6.64]	6 M3.5	**.694** 17.63	**.518** 13.16	**.250** 6.35	**.296** 7.52	**.171** 4.34	**.052** 1.32	**.042** 1.07	**.129** 3.28	**.134** 3.40	324578 1-324578-0	324579
	8 M4	**.694** 17.63	**.518** 13.16	**.250** 6.35	**.416** 10.57	**.171** 4.34	**.052** 1.32	**.042** 1.07	**.129** 3.28	**.134** 3.40	323143	32416
	10	**.694** 17.63	**.518** 13.16	**.250** 6.35	**.416** 10.57	**.171** 4.34	**.052** 1.32	**.042** 1.07	**.129** 3.28	**.134** 3.40	323144 2-323144-1	322725

Note: Part numbers are shown as loose piece over tape mounted product.
*Part numbers are available in small quantity packages.

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Slotted Ring Tongue Terminals

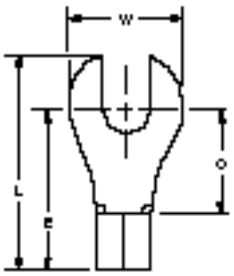
Wire Size Range

**AWG 26 to 10,
CMA 202 to 13,100
[0.1 to 6.64 mm²]**

Material

Terminal Body — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



Wire Size Circular Mils [mm²]	Stud Size	Dimensions L Max.	E Max.	C Min.	W	Material Thickness Max.	Wire Barrel I.D. Min. Solistrand	Budget	Part Numbers Solistrand	Budget
26–22 202–810 [0.1–0.41]	6 M3.5	**.523** 13.28	**.416** 10.57	**.281** 7.14	**.250** 6.35	**.020** 0.51	—	**.035** 0.89	—	322211
22–16 509–3,260 [0.26–1.65]	4	**.425** 10.80	**.353** 8.97	**.172** 4.37	**.182** 4.62	**.033** 0.84	**.061** 1.55	**.065** 1.65	321288*	323838
	6 M3.5	**.423** 10.74	**.337** 8.56	**.156** 3.96	**.218** 5.54	**.033** 0.84	**.061** 1.55	**.065** 1.65	321289 2-321289-1	323835
	8	**.547** 13.89	**.431** 10.95	**.250** 6.35	**.281** 7.14	**.033** 0.84	**.061** 1.55	**.065** 1.65	323129	36953
	10	**.588** 14.94	**.462** 11.73	**.281** 7.14	**.312** 7.92	**.033** 0.84	—	**.065** 1.65	—	323832
	1/4	**.816** 20.73	**.618** 15.70	**.437** 11.10	**.469** 11.91	**.033** 0.84	**.061** 1.55	**.065** 1.65	321809 2-321809-1	323837
16–14 2,050–5,180 [1.04–2.62]	6 M3.5	**.459** 11.66	**.352** 8.94	**.171** 4.34	**.250** 6.35	**.033** 0.84	**.085** 2.16	**.089** 2.26	322514	35555
	8 M4	**.616** 15.65	**.462** 11.73	**.281** 7.14	**.344** 8.74	**.033** 0.84	—	**.089** 2.26	—	34520
	10	**.604** 15.34	**.462** 11.73	**.281** 7.14	**.343** 8.71	**.033** 0.84	—	**.089** 2.26	—	328872
	1/4 M6	**.816** 20.73	**.618** 15.70	**.437** 11.10	**.469** 11.91	**.033** 0.84	—	**.089** 2.26	—	36216
12–10 5,180–13,100 [2.62–6.64]	1/4 M6	**.952** 24.18	**.736** 18.69	**.468** 11.89	**.531** 13.49	**.042** 1.07	**.129** 3.28	**.134** 3.40	35680*	55812-2

Note: Part numbers are shown as loose piece over tape mounted product.
*Part numbers are available in small quantity packages.

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Technical Support 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.

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Hook Tongue Terminals

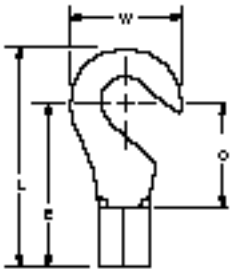
Wire Size Range

AWG 22 to 10,
CMA 509 to 13,100
[0.26 to 6.64 mm²]

Material

Terminal Body— Copper per ASTM B-152

Plating — Tin per MIL-T-10727



Wire Size Circular Mils [mm²]	Stud Size	Dimensions L Max.	E Max.	C Min.	W	Material Thickness Max.	Wire Barrel I.D. Min. Solistrand	Budget	Part Numbers Solistrand	Budget
22–16 509–3,260 [0.26–1.65]	6 M3.5	**.530** 13.46	**.384** 9.75	**.203** 5.16	**.281** 7.14	**.033** 0.84	—	**.065** 1.65	—	34261
	8 M4	**.656** 16.66	**.482** 12.24	**.296** 7.52	**.343** 8.71	**.033** 0.84	—	**.065** 1.65	—	31628
16–14 2,050–5,180 [1.04–2.62]	6 M3.5	**.636** 16.15	**.462** 11.73	**.281** 7.14	**.343** 8.71	**.033** 0.84	—	**.089** 2.26	—	35212
	8 M4	**.636** 16.15	**.462** 11.73	**.281** 7.14	**.343** 8.71	**.033** 0.84	—	**.089** 2.26	—	32503
	10	**.636** 16.15	**.462** 11.73	**.281** 7.14	**.343** 8.71	**.033** 0.84	—	**.089** 2.26	—	33437
12–10 5,180–13,100 [2.62–6.64]	10	**.760** 19.30	**.570** 14.48	**.302** 7.67	**.375** 9.53	**.042** 1.07	**.129** 3.28	**.134** 3.40	324209 2-324209-1	327902
	1/4 M6	**1.004** 25.50	**.736** 18.69	**.468** 11.89	**.531** 13.49	**.042** 1.07	**.129** 3.28	**.134** 3.40	321632 2-321632-1	327905

Note: Part numbers are shown as loose piece over tape mounted product.

Tab Tongue Terminals

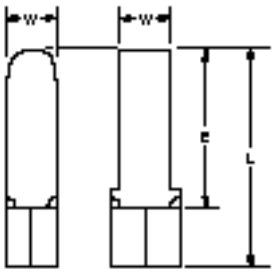
Wire Size Range

AWG 22 to 8,
CMA 509 to 20,800
[0.26 to 10.5 mm²]

Material

Terminal Body— Copper per ASTM B-152

Plating — Tin per MIL-T-10727



A B

Wire Size Circular Mils [mm²]	Style	Dimensions L Max.	E Max.	W	Material Thickness Max.	Wire Barrel I.D. Min. Solistrand	Part Numbers Solistrand
22–16 509–3,260 [0.26–1.65]	A	**.681** 17.30	**.500** 12.70	**.125** 3.18	**.033** 0.84	**.061** 1.55	323135
16–14 HD[1] 2,050–5,180 [1.04–2.62]	B	**.863** 21.92	**.615** 15.62	**.125** 3.18	**.050** 1.27	**.105** 2.67	322441
12–10 5,180–13,100 [2.62–6.64]	B	**.863** 21.92	**.613** 15.57	**.125** 3.18	**.042** 1.07	**.129** 3.28	322443
8 13,100–20,800 [6.64–10.5]	B	**.937** 23.80	**.625** 15.88	**.221** 5.61	**.051** 1.30	**.177** 4.50	322445

[1]Heavy Duty for extra mechanical strength.

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Flag Ring Tongue Terminals

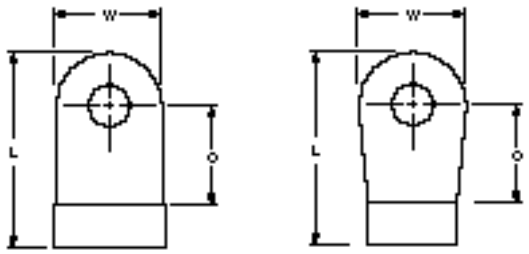
Wire Size Range

AWG 16 to 2,
CMA 2,050 to 83,700
[1.04 to 42.4 mm²]

Material

Terminal Body — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



A B

Wire Size Circular Mils [mm²]	Stud Size	Style	Dimensions L Max.	Dimensions C Min.	Dimensions W	Material Thickness Max.	Wire Barrel I.D. Min. Solistrand	Part Numbers Solistrand
16–14 2,050–5,180 [1.04–2.62]	8 M4	A	**.579** 14.71	**.250** 6.35	**.312** 7.92	**.033** 0.84	**.085** 2.16	325069
	10	A	**.579** 14.71	**.250** 6.35	**.312** 7.92	**.033** .084	**.085** 2.16	322819
12–10 5,180–13,100 [2.62–6.64]	6 M3.5	A	**.702** 17.83	**.281** 7.14	**.375** 9.53	**.042** 1.07	**.129** 3.28	36269
	8 M4	A	**.702** 17.83	**.281** 7.14	**.375** 9.53	**.042** 1.07	**.129** 3.28	36270
	10	A	**.702** 17.83	**.281** 7.14	**.375** 9.53	**.042** 1.07	**.129** 3.28	36271*
	1/4 M6	A	**.702** 17.83	**.281** 7.14	**.375** 9.53	**.042** 1.07	**.129** 3.28	36272
8 13,100–20,800 [6.64–10.5]	10	B	**.791** 20.09	**.250** 6.35	**.500** 12.70	**.043** 1.09	**.180** 4.57	321051
		B	**.918** 23.32	**.378** 9.60	**.500** 12.70	**.043** 1.09	**.180** 4.57	321441
	1/4 M6	B	**1.130** 28.70	**.525** 13.34	**.609** 15.47	**.043** 1.09	**.180** 4.57	322727
6 20,800–33,100 [10.5–16.8]	10	A	**.841** 21.36	**.250** 6.35	**.500** 12.70	**.048** 1.22	**.224** 5.69	323196
	1/4 M6	A	**.960** 24.38	**.371** 9.42	**.500** 12.70	**.048** 1.22	**.224** 5.69	321576
	5/16 M8	B	**1.200** 30.48	**.528** 13.41	**.625** 15.88	**.048** 1.22	**.224** 5.69	321056
	3/8	B	**1.200** 30.48	**.528** 13.41	**.625** 15.88	**.048** 1.22	**.224** 5.69	322204
4 33,100–52,600 [16.8–26.7]	10	A	**1.048** 26.62	**.368** 9.35	**.546** 13.87	**.051** 1.30	**.280** 7.11	321059
	1/4 M6	A	**1.048** 26.62	**.368** 9.35	**.546** 13.87	**.051** 1.30	**.280** 7.11	321275
	5/16 M8	B	**1.278** 32.46	**.530** 13.46	**.682** 17.32	**.051** 1.30	**.280** 7.11	321060
	3/8	B	**1.278** 32.46	**.530** 13.46	**.682** 17.32	**.051** 1.30	**.280** 7.11	321121
2 52,600–83,700 [26.7–42.4]	10	B	**1.437** 36.50	**.534** 13.56	**.713** 18.11	**.060** 1.52	**.357** 9.07	321063
	1/4 M6	B	**1.437** 36.50	**.534** 13.56	**.713** 18.11	**.060** 1.52	**.357** 9.07	321201
	5/16 M8	B	**1.437** 36.50	**.534** 13.56	**.713** 18.11	**.060** 1.52	**.357** 9.07	321064
	3/8	B	**1.437** 36.50	**.534** 13.56	**.713** 18.11	**.060** 1.52	**.357** 9.07	321253
	10 mm	B	**1.437** 36.50	**.534** 13.56	**.713** 18.11	**.060** 1.52	**.357** 9.07	184147-1

*Part numbers are available in small quantity packages.

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Technical Support 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.

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Flag Ring Tongue Terminals (Continued)

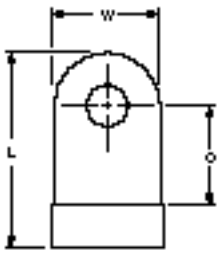
Wire Size Range

**AWG 1/0 to 4/0,
CMA 83,700 to 231,000
[42.4 to 117 mm²]**

Material

Terminal Body — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



A

Wire Size Circular Mils [mm²]	Stud Size	Style	Dimensions L Max.	Dimensions C Min.	Dimensions W	Material Thickness Max.	Wire Barrel I.D. Min. Solistrand	Part Numbers Solistrand
1/0 83,700–119,500 [42.4–60.6]	1/4 M6	A	**1.733** 44.02	**.666** 16.92	**.875** 22.23	**.073** 1.85	**.444** 11.28	322215
	5/16 M8	A	**1.733** 44.02	**.666** 16.92	**.875** 22.23	**.073** 1.85	**.444** 11.28	321580
	3/8	A	**1.733** 44.02	**.666** 16.92	**.875** 22.23	**.073** 1.85	**.444** 11.28	321066
	1/2 M12	A	**1.733** 44.02	**.666** 16.92	**.875** 22.23	**.073** 1.85	**.444** 11.28	321123
2/0 119,500–150,500 [60.6–76.3]	5/16 M8	A	**1.848** 46.94	**.671** 17.04	**.920** 23.37	**.083** 2.11	**.504** 12.80	321582
	3/8	A	**1.848** 46.94	**.671** 17.04	**.920** 23.37	**.083** 2.11	**.504** 12.80	321584
3/0 150,500–190,000 [76.3–96.3]	3/8	A	**2.001** 50.83	**.676** 17.17	**1.056** 26.82	**.094** 2.39	**.565** 14.35	327887
4/0 190,000-231,000 [96.3–117]	5/16 M8	A	**2.131** 54.13	**.681** 17.30	**1.115** 28.32	**.105** 2.67	**.635** 16.13	321277
	3/8	A	**2.131** 54.13	**.681** 17.30	**1.115** 28.32	**.105** 2.67	**.635** 16.13	321277-1
	1/2 M12	A	**2.131** 54.13	**.681** 17.30	**1.115** 28.32	**.105** 2.67	**.635** 16.13	321259

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Technical Support 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.

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Parallel Splices

Wire Size Range

**AWG 22 to 600 MCM,
CMA 509 to 600,000
[0.26 to 304 mm²]**

Material

Splice Body — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



Wire Size Circular Mils[1] [mm²]	Dimensions L Max.	I.D. Min.	O.D. Max.	Material Thickness Max.	Part Numbers Solistrand
22–16 509–3,260 [0.26–1.65]	**.301** 7.65	**.061** 1.55	**.141** 3.58	**.033** 0.84	34130*
16–14 2,050–5,180 [1.04–2.62]	**.301** 7.65	**.085** 2.16	**.165** 4.19	**.033** 0.84	34137*
12–10 5,180–13,100 [2.62–6.64]	**.343** 8.71	**.129** 3.28	**.226** 5.74	**.042** 1.07	34138*
8 13,100–20,800 [6.64–10.5]	**.375** 9.53	**.172** 4.37	**.296** 7.52	**.051** 1.30	34318*
6 20,800–33,100 [10.5–16.8]	**.437** 11.10	**.232** 5.89	**.369** 9.37	**.060** 1.52	34319*
4 33,100–52,600 [16.8–26.7]	**.531** 13.49	**.296** 7.52	**.463** 11.76	**.073** 1.85	34320*
2 52,600–83,700 [26.7–42.4]	**.640** 16.26	**.370** 9.40	**.539** 13.69	**.073** 1.85	35187*
1/0 83,700–119,500 [42.4–60.6]	**.734** 18.64	**.444** 11.28	**.613** 15.57	**.073** 1.85	36946*
2/0 119,500–150,500 [60.6–76.3]	**.734** 18.64	**.504** 12.80	**.703** 17.86	**.083** 2.11	36948*
3/0 150,500–190,000 [76.3–96.3]	**.749** 19.02	**.565** 14.35	**.775** 19.69	**.094** 2.39	36909
4/0 190,000–231,000 [96.3–117]	**.765** 19.43	**.635** 16.13	**.869** 22.07	**.105** 2.67	36951*
250–300 MCM 231,000–300,000 [117–152]	**1.062** 26.97	**.753** 19.13	**1.054** 26.77	**.130** 3.30	322275
300–350 MCM 300,000–380,000 [152–193]	**1.124** 28.55	**.819** 20.80	**1.137** 28.88	**.140** 3.56	322276
400 MCM 380,000–478,000 [193–242]	**1.249** 31.72	**.925** 23.50	**1.287** 32.69	**.158** 4.01	322277
500–600 MCM 478,000–600,000 [242–304]	**1.421** 36.09	**1.070** 27.18	**1.483** 37.67	**.182** 4.62	322278

*Part numbers are available in small quantity packages.
[1]When terminating two or more wires in a parallel splice, the combined cross sectional area must be within the listed circular mil area range (CMA).

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Butt Splices

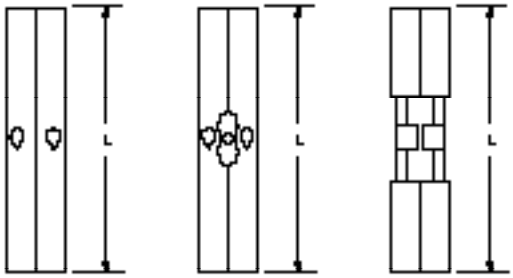
Wire Size Range

**AWG 26 to 2,
CMA 202 to 83,700
[0.1 to 42.4 mm²]**

Material

Splice Body — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



Standard Sight Hole Strap

Wire Size Circular Mils[1] [mm²]	Style	Solistrand Dimensions L Max.	Solistrand Dimensions I.D. Min.	Solistrand Dimensions O.D. Max.	Budget Dimensions L Max.	Budget Dimensions I.D. Min.	Budget Dimensions O.D. Max.	Material Thickness Max.	Part Numbers Solistrand	Part Numbers Budget
26–22 202–810 [0.1–0.41]	Strap	**.385** 9.78	**.031** 0.79	**.082** 2.08	**.385** 9.78	**.034** 0.86	**.077** 1.96	**.020** 0.51	321198*	321024
24–20 320–1,290 [0.16–0.65]	Strap	**.490** 12.45	**.043** 1.09	**.105** 2.67	—	—	—	**.025** 0.64	324001*	—
22–16 509–3,260 [0.26–1.65]	Strap	**.591** 15.01	**.061** 1.55	**.141** 3.58	**.591** 15.01	**.065** 1.65	**.136** 3.45	**.033** 0.84	2-321801-3 2-321801-4	32463
	Standard	**.578** 14.68	**.061** 1.55	**.141** 3.58	**.578** 14.68	**.065** 1.65	**.136** 3.45	**.033** 0.84	31818* 2-31818-1	34226*
	Sight Hole	**.578** 14.68	**.061** 1.55	**.141** 3.58	—	—	—	**.033** 0.84	330367*	—
16–14 2,050–5,180 [1.04–2.62]	Strap	**.591** 15.01	**.085** 2.16	**.165** 4.19	**.591** 15.01	**.089** 2.26	**.160** 4.06	**.033** 0.84	322459	32464
	Standard	**.567** 14.40	**.085** 2.16	**.165** 4.19	**.567** 14.40	**.089** 2.26	**.160** 4.06	**.033** 0.84	31819* 2-31819-1	34227*
	Strap	**.591** 15.01	**.085** 2.16	**.165** 4.19	—	—	—	**.033** 0.84	327025* (No Wire Stop)	—
	Sight Hole	**.567** 14.40	**.085** 2.16	**.165** 4.19	—	—	—	**.033** 0.84	330368*	—
14–12 3,260–8,230 [1.65–4.17]	Sight Hole	**.690** 17.53	**.098** 2.49	**.178** 4.52	—	—	—	**.033** 0.84	321280	—
12–10 5,180–13,100 [2.62–6.64]	Strap	—	—	—	**.703** 17.86	**.134** 3.40	**.221** 5.61	**.042** 1.07	—	30953
	Sight Hole	**.567** 14.40	**.129** 3.28	**.226** 5.74	—	—	—	**.042** 1.07	330369*	—
	Standard	**.565** 14.35	**.129** 3.28	**.226** 5.74	**.565** 14.35	**.134** 3.40	**.221** 5.61	**.042** 1.07	32151*	34228*
	Strap	**.765** 19.43	**.129** 3.28	**.226** 5.74	**.765** 19.43	**.134** 3.40	**.221** 5.61	**.042** 1.07	324893	1-324898-0
8 13,100–20,800 [6.64–10.5]	Standard	**.827** 21.01	**.172** 4.37	**.296** 7.52	—	—	—	**.051** 1.30	34321*	—
	Sight Hole	**.827** 21.01	**.172** 4.37	**.296** 7.52	—	—	—	**.051** 1.30	36906*	—
6 20,800–33,100 [10.5–16.8]	Standard	**1.015** 25.78	**.232** 5.89	**.369** 9.37	—	—	—	**.060** 1.52	34322*	—
	Sight Hole	**1.015** 25.78	**.232** 5.89	**.369** 9.37	—	—	—	**.060** 1.52	36886*	—
4 33,100–52,600 [16.8–26.7]	Standard	**1.140** 28.96	**.296** 7.52	**.463** 11.76	—	—	—	**.073** 1.85	34323*	—
	Sight Hole	**1.140** 28.96	**.296** 7.52	**.463** 11.76	—	—	—	**.073** 1.85	320238	—
2 52,600–83,700 [26.7–42.4]	Standard	**1.265** 32.13	**.370** 9.40	**.539** 13.69	—	—	—	**.073** 1.85	35189*	—
	Sight Hole	**1.265** 32.13	**.370** 9.40	**.539** 13.69	—	—	—	**.073** 1.85	322246	—

Note: Part numbers are shown as loose piece over tape mounted product.
*Part numbers are available in small quantity packages.
[1]When terminating two or more wires in either end of a butt splice, the combined cross sectional area must be within the listed circular mil area range (CMA).

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Butt Splices (Continued)

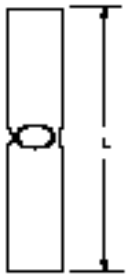
Wire Size Range

**AWG 1/0 to 600 MCM,
CMA 83,700 to 600,000
[42.4 to 304 mm²]**

Material

Splice Body — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



A

Wire Circular Mils[1] [mm²]	Style	Solistrand Dimensions			Material Thickness Max.	Part Numbers Solistrand
		L Max.	I.D. Min.	O.D. Max.		
1/0 83,700–119,500 [42.4–60.6]	A	**1.412** 35.86	**.444** 11.28	**.613** 15.57	**.073** 1.85	36957*
2/0 119,500–150,500 [60.6–76.3]	A	**1.437** 36.50	**.504** 12.80	**.693** 17.60	**.083** 2.11	36958*
3/0 150,500–190,000 [76.3–96.3]	A	**1.480** 37.60	**.565** 14.35	**.775** 19.69	**.094** 2.39	36959*
4/0 190,000–231,000 [96.3–117]	A	**1.484** 37.69	**.635** 16.13	**.869** 22.07	**.105** 2.67	36960*
250–300 MCM 231,000–300,000 [117–152]	A	**2.093** 53.16	**.753** 19.13	**1.054** 26.77	**.130** 3.30	322279
300–350 MCM 300,000–380,000 [152–193]	A	**2.217** 56.31	**.819** 20.80	**1.137** 28.88	**.140** 3.56	322280
400 MCM 380,000–478,000 [193–242]	A	**2.467** 62.66	**.925** 23.50	**1.287** 32.69	**.158** 4.01	322281
500–600 MCM 478,000–600,000 [242–304]	A	**2.811** 71.40	**1.070** 27.18	**1.483** 37.67	**.182** 4.62	322282

*Part numbers are available in small quantity packages.
[1]When terminating two or more wires in either end of a butt splice, the combined cross sectional area must be within the listed circular mil area range (CMA).

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Ring Tongue Terminals

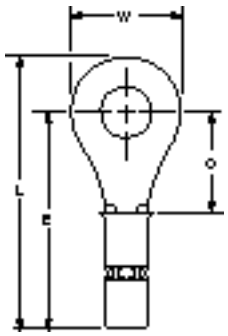
Wire Size Range

**AWG 26 to 16,
CMA 202 to 3,260
[0.1 to 1.65 mm²]**

Material

Terminal Body and Sleeve — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



Wire Size Circular Mils [mm²]	Stud Size	Dimensions L Max.	E Max.	C Min.	W	Material Thickness Max.	Wire Insulation Dia. Max.	Part Numbers Loose Piece	Tape Mounted
26–22 202–810 [0.1–0.41]	0	**.464** 11.79	**.391** 9.93	**.121** 3.07	**.140** 3.56	**.020** 0.51	**.082** 2.08	31516	—
	2 M2	**.464** 11.79	**.391** 9.93	**.121** 3.07	**.140** 3.56	**.020** 0.51	**.082** 2.08	31518	2-31518-1
		.564 14.33	**.481** 12.22	**.211** 5.36	**.165** 4.19	**.020** 0.51	**.082** 2.08	321621[1]	1-321621-0[1]
	4	**.585** 14.86	**.481** 12.22	**.211** 5.36	**.203** 5.16	**.020** 0.51	**.082** 2.08	31679	2-31679-1
	6 M3.5	**.585** 14.86	**.481** 12.22	**.211** 5.36	**.203** 5.16	**.020** 0.51	**.082** 2.08	31681	2-31681-2
		.679 17.25	**.551** 14.00	**.281** 7.14	**.250** 6.35	**.020** 0.51	**.082** 2.08	32861	2-32861-2
	8 M4	**.679** 17.25	**.551** 14.00	**.281** 7.14	**.250** 6.35	**.020** 0.51	**.082** 2.08	32862	2-32862-1
22–16 509–3,260 [0.26–1.65]	2 M2	**.600** 15.24	**.507** 12.88	**.172** 4.37	**.182** 4.62	**.033** 0.84	**.125** 3.18	320678	—
	4	**.603** 15.32	**.491** 12.47	**.156** 3.96	**.218** 5.54	**.033** 0.84	**.125** 3.18	31094	—
	6 M3.5	**.775** 19.69	**.616** 15.65	**.281** 7.14	**.312** 7.92	**.033** 0.84	**.125** 3.18	30995	—
		.603 15.32	**.491** 12.47	**.156** 3.96	**.218** 5.54	**.033** 0.84	**.125** 3.18	31096	2-31096-1
		.775 19.69	**.616** 15.65	**.281** 7.14	**.312** 7.92	**.033** 0.84	**.140** 3.56	31159	2-31159-1
		.728 18.49	**.585** 14.86	**.250** 6.35	**.281** 7.14	**.033** 0.84	**.125** 3.18	31269	2-31269-1
		.603 15.32	**.491** 12.47	**.156** 3.96	**.218** 5.54	**.033** 0.84	**.140** 3.56	31393	—
		.728 18.49	**.585** 14.86	**.250** 6.35	**.281** 7.14	**.033** 0.84	**.140** 3.56	31396	2-31396-2
	8 M4	**.775** 19.69	**.616** 15.65	**.281** 7.14	**.312** 7.92	**.033** 0.84	**.125** 3.18	30996	2-30996-1
		.775 19.69	**.616** 15.65	**.281** 7.14	**.312** 7.92	**.033** 0.84	**.140** 3.56	31160	2-31160-1
		.728 18.49	**.585** 14.86	**.250** 6.35	**.281** 7.14	**.033** 0.84	**.125** 3.18	31270	2-31270-1
		.728 18.49	**.585** 14.86	**.250** 6.35	**.281** 7.14	**.033** 0.84	**.140** 3.56	31397	2-31397-1
	10	**.775** 19.69	**.616** 15.65	**.281** 7.14	**.312** 7.92	**.033** 0.84	**.125** 3.18	30997	2-30997-1
		.775 19.69	**.616** 15.65	**.281** 7.14	**.312** 7.92	**.033** 0.84	**.140** 3.56	31161	2-31161-1
		.728 18.49	**.585** 14.86	**.250** 6.35	**.281** 7.14	**.033** 0.84	**.140** 3.56	31398	2-31398-1
	1/4 M6	**1.009** 25.63	**.772** 19.61	**.437** 11.10	**.469** 11.91	**.033** 0.84	**.140** 3.56	31176	2-31176-1
		1.009 25.63	**.772** 19.61	**.437** 11.10	**.469** 11.91	**.033** 0.84	**.125** 3.18	31251	2-31251-1

Note: "C" dimension applies from edge of metal wire barrel to center of stud hole.
[1]Slightly unusual tongue shape.

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Ring Tongue Terminals (Continued)

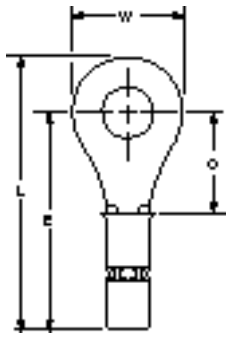
Wire Size Range

**AWG 16 to 10,
CMA 2,050 to 13,100
[1.04 to 6.64 mm²]**

Material

Terminal Body and Sleeve — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



Wire Size Circular Mils [mm²]	Stud Size	Dimensions L Max.	E Max.	C Min.	W	Material Thickness Max.	Wire Insulation Dia. Max.	Part Numbers Loose Piece	Tape Mounted
16–14 2,050–5,180 [1.04–2.62]	4	**.634** 16.10	**.506** 12.85	**.171** 4.34	**.250** 6.35	**.033** 0.84	**.150** 3.81	32187	—
		.634 16.10	**.506** 12.85	**.171** 4.34	**.250** 6.35	**.033** 0.84	**.170** 4.32	32189	—
	6 M3.5	**.790** 20.07	**.616** 15.65	**.281** 7.14	**.343** 8.71	**.033** 0.84	**.170** 4.32	30926	—
		.634 16.10	**.506** 12.85	**.171** 4.34	**.250** 6.35	**.033** 0.84	**.150** 3.81	32188	—
		.634 16.10	**.506** 12.85	**.171** 4.34	**.250** 6.35	**.033** 0.84	**.170** 4.32	32190	2-32190-1
	8 M4	**.790** 20.07	**.616** 15.65	**.281** 7.14	**.343** 8.71	**.033** 0.84	**.170** 4.32	30927	2-30927-1
	10	**.790** 20.07	**.616** 15.65	**.281** 7.14	**.343** 8.71	**.033** 0.84	**.170** 4.32	30928	2-30928-1
		.790 20.07	**.616** 15.65	**.281** 7.14	**.343** 8.71	**.033** 0.84	**.150** 3.81	30993	2-30993-1
	1/4 M6	**1.009** 25.63	**.772** 19.61	**.437** 11.10	**.469** 11.91	**.033** 0.84	**.150** 3.81	31256	—
	5/16 M8	**1.009** 25.63	**.772** 19.61	**.437** 11.10	**.469** 11.91	**.033** 0.84	**.170** 4.32	31169	2-31169-1
16–14HD[1] 2,050–5,180 [1.04–2.62]	10	**.970** 24.64	**.796** 20.22	**.281** 7.14	**.343** 8.71	**.050** 1.27	**.230** 5.84	33722	2-33722-1
	1/4 M6	**1.220** 30.99	**.952** 24.18	**.437** 11.10	**.531** 13.49	**.050** 1.27	**.230** 5.84	33639	—
		1.282 32.56	**1.014** 25.76	**.437** 11.10	**.531** 13.49	**.050** 1.27	**.300** 7.62	322296	—
12–10 5,180–13,100 [2.62–6.64]	6 M3.5	**1.007** 25.58	**.817** 20.75	**.302** 7.67	**.375** 9.53	**.042** 1.07	**.230** 5.84	31825	—
		.877 22.28	**.734** 18.64	**.219** 5.56	**.281** 7.14	**.042** 1.07	**.230** 5.84	321501	2-321501-1
		.976 24.79	**.817** 20.75	**.302** 7.67	**.312** 7.92	**.042** 1.07	**.230** 5.84	326889	—
	8 M4	**.955** 24.26	**.796** 20.22	**.281** 7.14	**.312** 7.92	**.042** 1.07	**.230** 5.84	324523	—
	10	**1.007** 25.58	**.817** 20.75	**.302** 7.67	**.375** 9.53	**.042** 1.07	**.230** 5.84	31771	2-31771-1
	1/4 M6	**1.251** 31.78	**.983** 24.97	**.468** 11.89	**.531** 13.49	**.042** 1.07	**.230** 5.84	31772	2-31772-1
	3/8	**1.345** 34.16	**1.046** 26.57	**.531** 13.49	**.593** 15.06	**.042** 1.07	**.230** 5.84	31828	—

Note: "C" dimension applies from edge of metal wire barrel to center of stud hole.
[1]Heavy Duty for extra mechanical strength.

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Knife Disconnect Splices

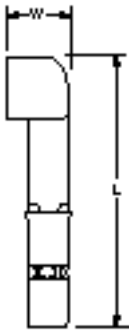
Wire Size Range

**AWG 22 to 10,
CMA 509 to 13,100
[0.26 to 6.64 mm²]**

Material

Splice Body and Sleeve — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



Wire Size Circular Mils [mm²]	Dimensions L Max.	Dimensions W	Wire Insulation Dia. Max.	Part Numbers Loose Piece	Part Numbers Tape Mounted
22–16 509–3,260 [0.26–1.65]	**.794** 20.17	**.203** 5.16	**.125** 3.18	31770	—
	.794 20.17	**.203** 5.16	**.140** 3.56	31777	2-31777-1
16–14 2,050–5,180 [1.04–2.62]	**.794** 20.17	**.203** 5.16	**.150** 3.81	31943	—
	.794 20.17	**.203** 5.16	**.170** 4.32	31944	—
12–10 5,180–13,100 [2.62–6.64]	**1.176** 29.87	**.281** 7.14	**.230** 5.84	31942	2-31942-1

Slotted Ring Tongue Terminals

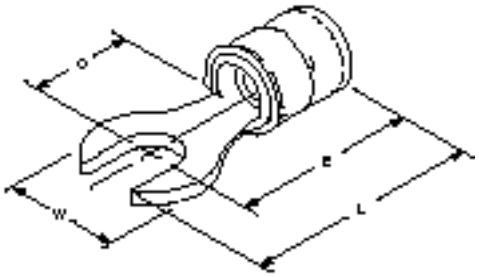
Wire Size Range

**AWG 26 to 16,
CMA 202 to 3,260
[0.1 to 1.65 mm²]**

Material

Terminal Body and Sleeve — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



Wire Size Circular Mils [mm²]	Stud Size	Dimensions L Max.	Dimensions E Max.	Dimensions C Min.	Dimensions W	Material Thickness Max.	Wire Insulation Dia. Max.	Part Numbers Loose Piece	Part Numbers Tape Mounted
26–22 202–810 [0.1–0.41]	6 M3.5	**.658** 16.71	**.551** 14.00	**.281** 7.14	**.250** 6.35	**.020** 0.51	**.082** 2.08	322210	—
22–16 509–3,260 [0.26–1.65]	6 M3.5	**.710** 18.03	**.585** 14.86	**.250** 6.35	**.281** 7.14	**.033** 0.84	**.125** 3.18	34101	—
	8 M4	**.701** 17.81	**.585** 14.86	**.250** 6.35	**.281** 7.14	**.033** 0.84	**.140** 3.56	321543	—

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

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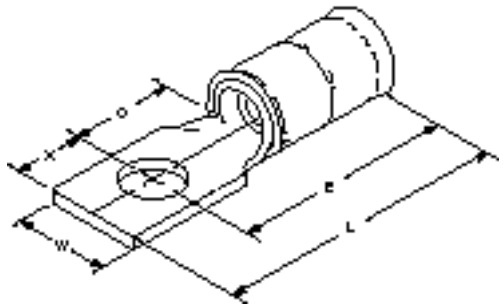
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Rectangular Tongue Terminals

Wire Size Range
AWG 22 to 16,
CMA 509 to 3,260
[0.26 to 1.65 mm²]

Material

Terminal Body and Sleeve — Copper per ASTM B-152
Plating — Tin per MIL-T-10727



Wire Size Circular Mils [mm²]	Stud Size	Dimensions L Max.	E Max.	C Min.	W	Material Thickness Max.	Wire Insulation Dia. Max.	Part Numbers Loose Piece	Tape Mounted
22–16 509–3,260 [0.26–1.65]	5 M3	**.786** 19.96	**.633** 16.08	**.277** 7.04	**.277** 7.04	**.033** 0.84	**.140** 3.56	328500	—

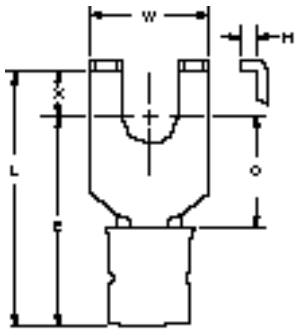
Note: "C" dimension applies from edge of metal wire barrel to center of stud hole.

Flanged Spade Tongue Terminals

Wire Size Range
AWG 26 to 14,
CMA 202 to 5,180
[0.1 to 2.62 mm²]

Material

Terminal Body and Sleeve — Copper per ASTM B-152
Plating — Tin per MIL-T-10727



Wire Size Circular Mils [mm²]	Stud Size	Dimensions L Max.	E Max.	C Min.	W	X	H	Material Thickness Max.	Wire Insulation Dia. Max.	Part Numbers Loose Piece	Tape Mounted
26–22 202–810 [0.1–0.41]	2 M2	**.588** 14.94	**.473** 12.01	**.203** 5.16	**.182** 4.62	**.110** 2.79	**.031** 0.79	**.020** 0.51	**.082** 2.08	324598	2-324598-1
22–16 509–3,260 [0.26–1.65]	6 M3.5	**.668** 16.97	**.538** 13.67	**.203** 5.16	**.296** 7.52	**.125** 3.18	**.046** 1.17	**.033** 0.84	**.125** 3.18	32419	2-32419-1
	8 M4	**.761** 19.33	**.585** 14.86	**.250** 6.35	**.416** 10.57	**.171** 4.34	**.062** 1.57	**.033** 0.84	**.125** 3.18	32495	—
16–14 2,050–5,180 [1.04–2.62]	8 M4	**.685** 17.40	**.555** 14.10	**.203** 5.16	**.294** 7.47	**.125** 3.18	**.052** 1.32	**.033** 0.84	**.170** 4.32	320859	—

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

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Spade Tongue Terminals

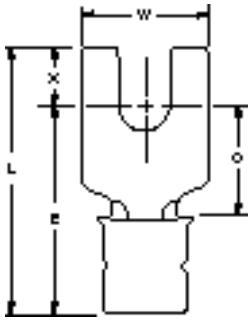
Wire Size Range

**AWG 26 to 16,
CMA 202 to 3,260
[0.1 to 1.65 mm²]**

Material

Terminal Body and Sleeve — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



Wire Size Circular Mils [mm²]	Stud Size	Dimensions					Material Thickness Max.	Wire Insulation Dia. Max.	Part Numbers	
		L Max.	E Max.	C Min.	W	X			Loose Piece	Tape Mounted
26–22 202–810 [0.1–0.41]	0	**.415** 10.54	**.348** 8.84	**.078** 1.98	**.125** 3.18	**.062** 1.57	**.020** 0.51	**.082** 2.08	32502	—
	4	**.558** 14.17	**.481** 12.22	**.211** 5.36	**.203** 5.16	**.072** 1.83	**.020** 0.51	**.082** 2.08	34248	—
22–16 509–3,260 [0.26–1.65]	6 M3.5	**.684** 17.37	**.538** 13.67	**.203** 5.16	**.297** 7.54	**.141** 3.58	**.033** 0.84	**.125** 3.18	33766	—
	6 M3.5	**.684** 17.37	**.538** 13.67	**.203** 5.16	**.297** 7.54	**.141** 3.58	**.033** 0.84	**.140** 3.56	33799	—
	10	**.807** 20.50	**.631** 16.03	**.296** 7.52	**.343** 8.71	**.171** 4.34	**.033** 0.84	**.125** 3.18	320379	—

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

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Knife Disconnect Splices

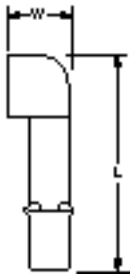
Wire Size Range

**AWG 22 to 8,
CMA 509 to 20,800
[0.26 to 10.5 mm²]**

Material

Splice Body and Sleeve — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



Wire Size Circular Mils [mm²]	Dimensions		Part Numbers
	L Max.	W	Loose Piece
22–16 509–3,260 [0.26–1.65]	**.745** 18.92	**.203** 5.16	31762
16–14 2,050–5,180 [1.04–2.62]	**.750** 19.05	**.203** 5.16	31763
12–10 5,180–13,100 [2.62–6.64]	**.940** 23.88	**.281** 7.14	31945
8 13,100–20,800 [6.64–10.5]	**1.225** 31.12	**.390** 9.91	32161

Rectangular Tongue Terminals

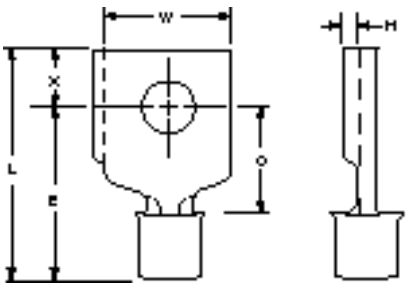
Wire Size Range

**AWG 22 to 14,
CMA 509 to 5,180
[0.26 to 2.62 mm²]**

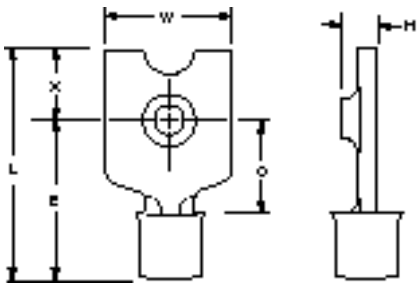
Material

Terminal Body and Sleeve — Copper per ASTM B-152

Plating — Tin per MIL-T-10727



**Style A
with Side Flange**



**Style B
with Bossed Hole**

Wire Size Circular Mils [mm²]	Stud Size	Style	Dimensions						Material Thickness Max.	Part Numbers
			L Max.	E Max.	C Min.	W	X	H		Loose Piece
22–16 509–3,260 [0.26–1.65]	6 M3.5	B	**.733** 18.62	**.541** 13.74	**.250** 6.35	**.250** 6.35	**.187** 4.75	**.047** 1.19	**.033** 0.84	320671
16–14 2,050–5,180 [1.04–2.62]	8 M4	A	**.647** 16.43	**.484** 12.29	**.219** 5.56	**.344** 8.74	**.156** 3.96	**.094** 2.39	**.033** 0.84	31674

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

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SOLISTRAND Military Approved Terminals

Military Specification	SOLISTRAND Approval	Approved Wire Range
MS 20659	Class 1 & 2	12-10
MS 20659	Class 2 Only	8-4/0
M7928/7	Class 2 Only*	22-14

SOLISTRAND Class 1 and Class 2 military approved terminals meet the performance requirements outlined in specification Mil-T-7928G.

*320093 also class 1 approved.

Class 1 and Class 2 Military Approvals

Approval	Dimensional Requirement	Application Tooling	Use	Performance Requirement
Class 1	Terminals must comply with the dimensional requirements specified by the military.	Hand application tool which must conform to the military's dimensional and performance specification.	For procurement by government agencies for maintenance and repair.	Per Military Specification Mil-T-7928G
Class 2	Dimensional requirements are maintained by the terminal manufacturers. For field repair purposes Class 2 terminals must be capable of being replaced by Class 1 Terminals	The terminal manufacturers recommended application tooling. **Note:** Several tape mounted SOLISTRAND part numbers are currently Class 2 approved.	For procurement by contractors and manufacurers for high volume production, modification, and repair.	

Note: Where class 2 approval exists all similar (form, fit and function) parts in that product line are approved.

Cross Reference Military to AMP Part Number

Military Specification M7928/7

Wire Size Range AWG 22 to 14

AWG	M7928/7 Dash Numbers	SOLISTRAND Part Numbers	Class	Stud Size
22-18	1	34103 2-34103-1	2	2
	2	34104 2-34104-6	2	4
	3	34110 2-34110-3	2	6
	4	34112 2-34112-2	2	10
	5	34114 2-34114-2	2	5/6
	6	34115 2-34115-2	2	3/8
16-14	7	321684 2-321684-1	2	6
	8	320093 2-320093-1	1 & 2	10
	9	34125 2-34125-6	2	5/16
	10	34126 2-34126-2	2	3/8
	11	34119 2-34119-1	2	4

Note: Part numbers are shown as loose piece over tape mounted product.

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Cross Reference Military to AMP Part Number

Military Specification
MS 20659

Wire Size Range
AWG 12 to 4/0

AWG	MS20659 Dash Numbers	SOLISTRAND Part Numbers	Class	Stud Size
12-10	105	33457	1&2	10
		2-33457-2	2	
	106	33459	1&2	5/16
		2-33459-6	2	
8	107	31807	2	10
		2-31807-2		
	108	31808	2	5/16
6	109	321598	2	1/4
	110	33467	2	3/8
4	111	31811	2	1/4
	112	31812	2	3/8
2	113	320383	2	1/4
	114	321600	2	3/8
1/0	117	321866	2	1/4
	118	321868	2	3/8
2/0	119	321870	2	5/16
	120	321871	2	3/8
3/0	121	321875	2	3/8
	122	321877	2	1/2
4/0	123	321878	2	3/8
	124	321880	2	1/2
12-10	128	33220	1&2	3/8
8	129	33463	2	3/8
6	130	321298	2	10
	131	33466	2	5/16
		2-33466-3		
4	132	33115	2	5/16
1/0	135	36919	2	1/2
2/0	136	321873	2	1/2
4/0	137	321625	2	7/8
8	140	324061	2	8
	141	33461	2	1/4
		2-33461-2		
6	143	320344	2	1/2
4	144	33114	2	10
	145	327175	2	1/2
2	146	330301	2	10
	147	322870	2	5/16
	148	320741	2	7/16
1/0	151	321867	2	5/16
	152	36918	2	7/16
2/0	153	321869	2	1/4
	154	321872	2	7/16
3/0	155	321874	2	5/16
	156	321876	2	7/16
4/0	157	321271	2	5/16
	158	321879	2	7/16
	159	36935	2	5/8
	160	322228	2	3/4
12-10	165	35476	2	6
		2-35476-1		
	166	35135	2	1/2

Note: Part numbers are shown as loose piece over tape mounted product.

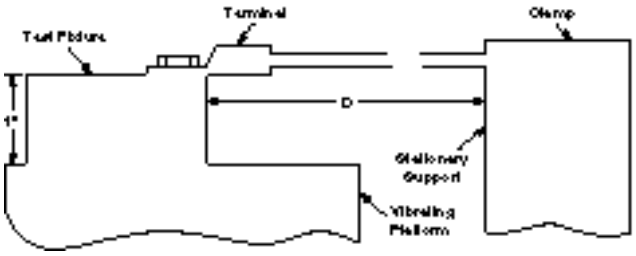
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Description of MIL-T-7928G Test Procedures and Requirements for Terminals

Test Group	Test Sequence	Test Type	Test Description
1	A	Current Cycling	Samples subjected to 50 cycles, each cyle consisting of 30 minutes at 125% of the current listed on page 48 followed by 15 minutes with no load.
	B	Voltage Drop	See test method and requirements on page 48.
2	A	Vibration	See test method on page 46.
	B	Voltage Drop	See test method and requirements on page 48.
	C	Tensile	See test method and requirements on page 47.
3	A	Salt Spray/Corrosion	Samples subjected to a salt spray/fog for 48 hours. Salt concentration to be 5%, temperature to be 35° C (95°) F, relative humidity to be 95-98%.
	B	Voltage Drop	See test method and requirements on page 48.
	C	Tensile	See test method and requirements on page 47.
4	A	Heat Age	Samples subjected to 193° C for 120 hours then cooled to 23° C within one hour.
	B	Salt Spray/Corrosion	Samples subjected to a salt spray/fog for 48 hours. Salt concentration to be 5%, temperature to be 35° C (95°) F, relative humidity to be 95-98%.
	C	Voltage Drop	See test method and requirements on page 48.
	D	Tensile	See test method and requirements on page 47.

Procedure for Vibration Testing of Terminals per MIL-T-7928G



Wire Size	"D" Dimension	Duration of Test
#12 AWG and larger or terminals with insulation support	12 inches	18 hours each on horizontal and vertical axis.
#14 AWG and smaller with no insulation support	17 inches	2 hours each on horizontal and vertical axis.

Vibration to be a simple harmonic motion with an amplitude of 0.03 inches (0.06 total excursion). Frequency to vary uniformly from 10–55 Hz and back to 10 Hz. Frequency to be traversed in approximately one minute.

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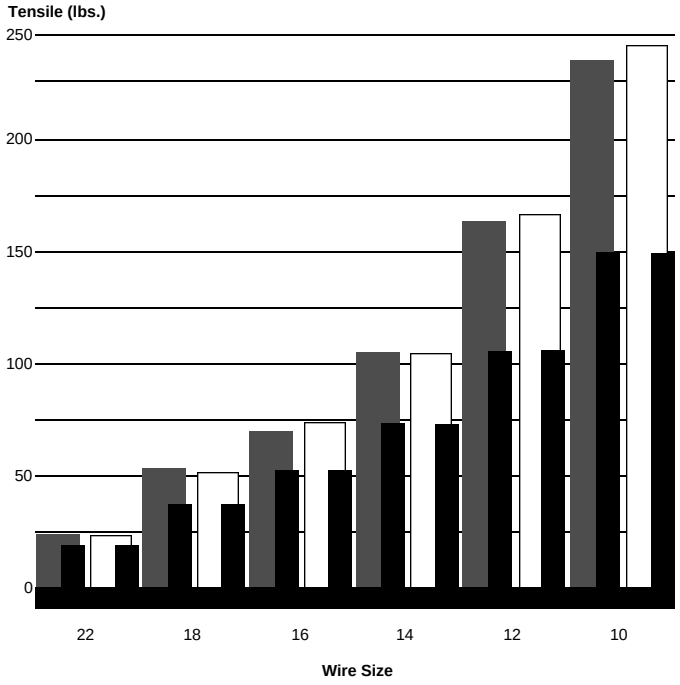
Military Tensile Test Results

Tensile Requirements Per MIL-T-7928G

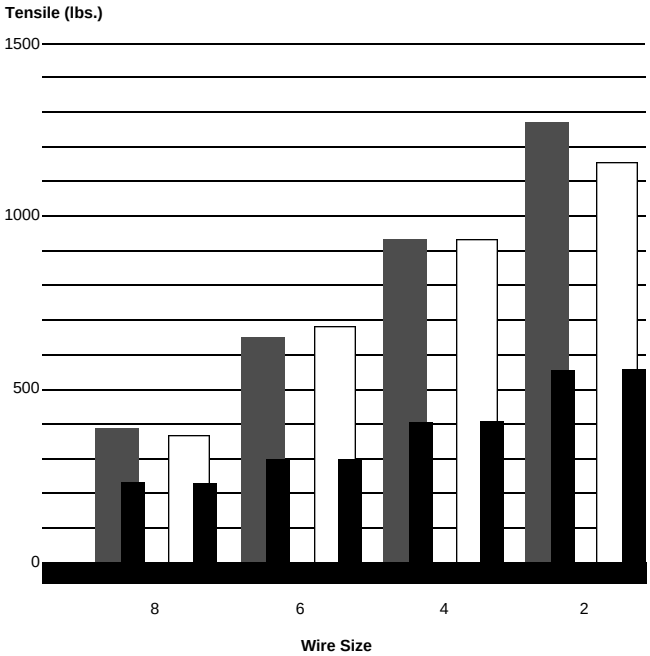
Wire Size AWG	Minimum Tensile Strength (Lbs)
22	15
20	19
18	38
16	50
14	70
12	110
10	150
8	225
6	300
4	400
2	550
1/0	700
2/0	750
3/0	825
4/0	875

Note: 1. Samples tensile tested to destruction at a rate of one inch/ minute using military approved wire.

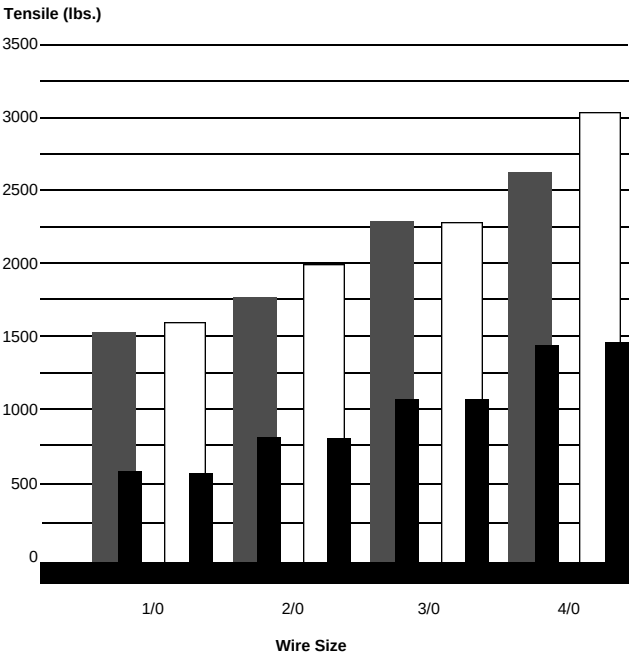
SOLISTRAND Tensile Test Results Wire Sizes 22 – 10



SOLISTRAND Tensile Test Results Wire Sizes 8 – 2



SOLISTRAND Tensile Test Results Wire Sizes 1/0 – 4/0



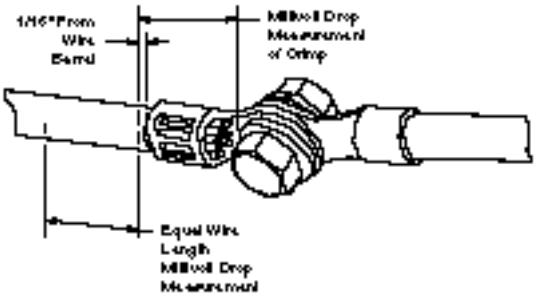


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Illustration of Millivolt Drop Measurement Procedure

Military Specification MIL-T-7928G

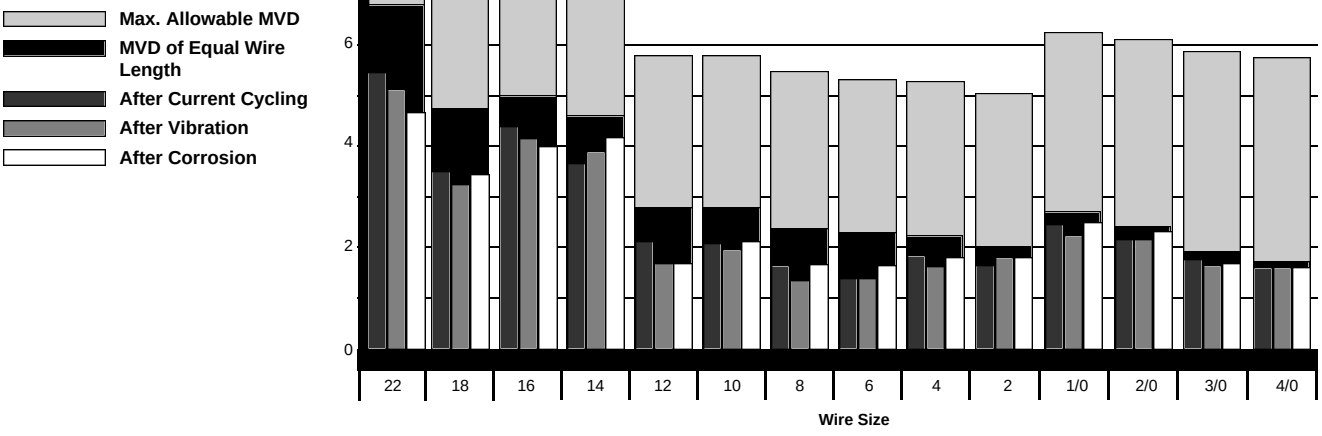


Wire Size AWG	Test Current (Amperes)	Maximum Crimp MVD = EWL Measurement + Valve Listed Below	
		Initial Terminal	Final Terminal
22	9	1	3
20	11		
18	16		
16	22		
14	32		
12	41		
10	55		
8	73		
6	101		
4	135		
2	181		
1/0	245	2	4
2/0	283		
3/0	328		
4/0	380		

Military Millivolt Drop Test Results

SOLISTRAND Millivolt Drop Results Per MIL-T-7928G

Using Military Approved Wire



For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Technical Support 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.

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Description of UL 486A Test Procedures and Requirements for Terminals

Wire Size Range

AWG 22 to 600 MCM

Test Sequences

Test Group 1
Mechanical Sequence

1. Secureness
2. Pullout

Test Group 2
Mechanical Sequence

1. Secureness
2. Static Heat
3. Pullout

Pullout Test Requirements

Terminal must not be separate from wire when subjected to the listed load for one minute.

Wire Size AWG	Pullout Force (lbs.)
22	8
20	13
18	20
16	30
14	50
12	70
10	80
8	90
6	100
4	140
2	180
1/0	250
2/0	300
3/0	350
4/0	450
250	500
300	550
350	600
400	650
500	800
600	900

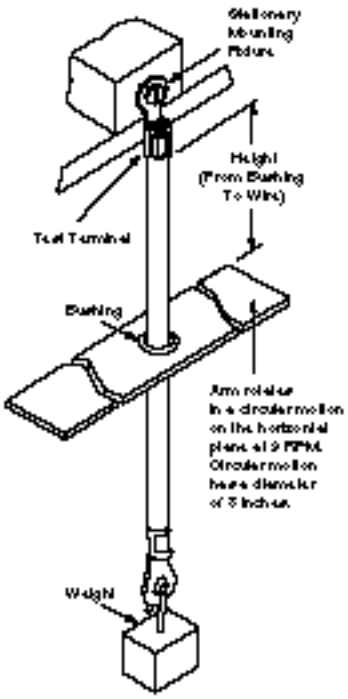
Note: Testing conducted on non-plated copper wire with UL approved insulation.

Static Heat Test Requirements

Wire Size AWG	Test Current (Amperes)
22	9
20	12
18	17
16	18
14	30
12	35
10	50
8	70
6	95
4	125
2	170
1/0	230
2/0	265
3/0	310
4/0	360
250	405
300	445
350	505
400	545
500	620
600	690

Requirement:
Connector temperatures must not exceed the ambient temperature plus 50°C [90°F] after stability is attained.

Stability:
A test sample is considered to have attained a stable temperature when three readings taken at not less than 10 minute intervals show no more than a 2°C [3.6°F] variation between any two readings.



Secureness Test Requirements

Wire Size AWG	Bushing Dia.	Height	Weight (lbs.)
18-16	1/4	10 1/4	2
14	3/8	11	3
12-10	3/8	11	5
8	3/8	11	8
6	1/2	11 3/4	18
4	1/2	11 3/4	30
2	9/16	12 1/2	30
1/0	5/8	13 1/2	50
2/0	3/4	14 1/2	50
3/0	3/4	14 1/2	60
4/0	3/4	14 1/2	60
250	7/8	16	60
300	7/8	16	80
350-400	1	17	80
500-600	1 1/8	18 1/4	100

Note: Test Duration = 30 Minutes



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Description of UL 486A & C Test Procedures and Requirements for Butt and Parallel Type Splices

UL 486 C Wire Size
AWG 22 to 6

UL 486 A Wire Size
AWG 4 to 600 MCM

Test Sequences

Test Group 1
Mechanical Sequence
1. Secureness
2. Pullout

Test Group 2
Mechanical Sequence
1. Secureness
2. Static Heat
3. Pullout

Pullout Test Requirements

Splices must not be separate from wire when subjected to the listed load for one minute.

Wire Size AWG	Pullout Force (lbs.)
22	8
20	10
18	10
16	15
14	25
12	35
10	40
8	45
6	50
4	140
2	180
1/0	250
2/0	300
3/0	350
4/0	450
250	500
300	550
350	600
400	650
500	800
600	900

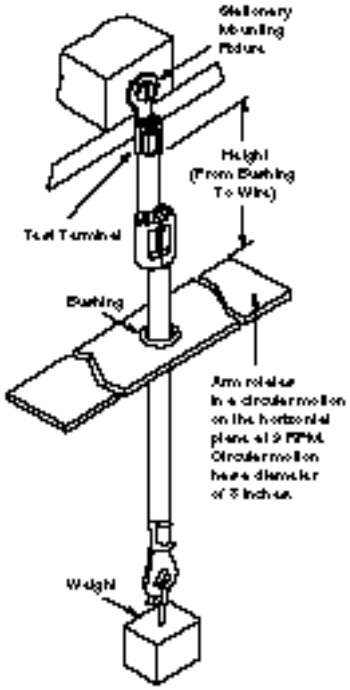
Note: Testing conducted on non-plated copper wire with UL approved insulation.

Static Heat Test Requirements

Wire Size AWG	Test Current (Amperes)
22	9
20	12
18	17
16	18
14	30
12	35
10	50
8	70
6	95
4	125
2	170
1/0	230
2/0	265
3/0	310
4/0	360
250	405
300	445
350	505
400	545
500	620
600	690

Requirement:
Connector temperatures must not exceed the ambient temperature plus 50°C [90°F] after stability is attained.

Stability:
A test sample is considered to have attained a stable temperature when three readings taken at not less than 10 minute intervals show no more than a 2°C [3.6°F] variation between any two readings.



Secureness Test Requirements

Wire Size AWG	Bushing Dia.	Height	Weight (lbs.)
18-16	1/4	10 1/4	2
14	3/8	11	3
12-10	3/8	11	5
8	3/8	11	8
6	1/2	11 3/4	18
4	1/2	11 3/4	30

Note: Test Duration=30 Minutes

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Technical Support 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 SOLISTRAND, Budget and DIAMOND GRIP Products

Wire Size Range
AWG 26 to 6

Product Type	AMP Wire Size	Hand Tools	Pneumatic Tooling			Tooling For Tape Mounted Products
			Crimping Heads for 6-26, Tool 189721-1		Dies for 6-26, Tool 189721-1 Requires Straight Action Adapter 217200-1 or 318161-1 Dies Also Fit 69710-1 Hand Tool	Dies for 69875 AMP-TAPETRONIC AMP-O-LECTRIC[6] Requires Applicator AMPOMATOR CLS IV Requires Applicators
			Single Wire Range	Multiple Wire Range		
All SOLISTRAND terminals and splices except for Flag Tongue terminals	26-22	69363[2]	—	—	—	—
	24-20					
	22-16	49935[2] 58546-1[3]	314516-1	679301-1	47812	68240-1
	16-14		314517-1	679301-1	47813	68241-1
	12-10 & 16-14 HD		—	679301-1	47814[1]	68242-1
	14-12	49592[2]	314518-1	—	—	90566-1
	8	—	679302-1	—	—	68243-1
	6	—	679303-1	—	—	—
Flag Tongue terminals only	16-14	49975[2]	217204-1	—	—	Flag terminals not available in tape mounted form
	12-10	49965[2]	217203-1			
Budget terminals and splices	26-22	69363[2]	—	—	—	—
	22-16	58508-1[4]				68259-1
	16-14	58508-1[4]				68094
	12-10 & 16-14 HD	49656, 58508-1[4]				68260-1
DIAMOND GRIP terminals and splices	26-22	48070	—	—	—	69902
	24-20	—	—	—	—	—
	22-16	49512	—	—	—	69903
	16-14	49513	—	—	46251-2	69904
	12-10 & 16-14 HD	59054	—	—	—	—
Standard "B" terminals	26-22	—	—	—	—	—
	22-16	48364	—	—	—	—
	16-14	—	—	—	—	—
	12-10	49736	—	—	—	—
	8	49737	—	—	—	—

[1]For standard wire only.
[2]CERTI-CRIMPHand Tool.
[3]Contains die set 58545-1. PRO-CRIMPER II commercial tool not approved for UL applications.
[4]Contains die set 58509-1. PRO-CRIMPER II commercial tool not approved for UL applications. Not approved for use with Budget Spring Spade terminals.
[5]With locator, for terminals only.
[6]Call Tooling Assistance Center for Machine & Applicator part numbers.

Chart lists common AMP Application Tooling. For additional information call the Tooling Assistance Center 1-800-722-1111.

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Technical Support 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.

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Application Tooling Information for SOLISTRAND Terminals and Splices

Wire Size Range
AWG 8 to 600 MCM

Product Type	AMP Wire Size	Hand Tool	Pneumatic Tooling: 69015	Hydraulic Tools With Self-Contained Dies: Hand Tool	Latch Head	59373-1 Hand Tool, 69065[2] & 69067[2] Latch Heads: Nest	Indent	Hydraulic and Battery Powered Tools With Interchangeable Dies: 69097[2] "C" Head: Nest	Indent	59445-1[2] Latch Head	69082[2] "C" Head	69099[2] "C" Head	Tooling For Tape Mounted Product: Dies for 69275 AMP-TAPETRONIC	Dies for 69250-1 HD AMP-TAPETRONIC
													Listed dies are single indent. See product information for proper tape application tooling selection	
Standard Terminals and Splices	8	69035[1]	48956			48126	48355	46146	46145			69216	68243-1	68312-1
	6	59083 No CERTI-CRIMP	48172	59375-1	69069[2]	48128		46134				69217		68313-1
	4	59131	48173			48129	48127	46135	46133	—		69218		
	2		48174			48130		46136				45433		
	1/0		48183			48132		46138	46137			45435		
	2/0					48133	48131					45439		
	3/0					48134						45442		
	4/0					300430						45445		
	250-300 MCM									48816	69911			
	300-350 MCM									48817	69912			
	400 MCM				—					48818	69913	—		
	500-600 MCM									48819	69914			
Heavy Duty Terminals	8 HD					48128-1	48127-1							
	6 HD					48129-1								
	4 HD			—		48130-1				—				
	2 HD					48132-1	48131-1							
	1/0 HD					48133-1								
Tooling for Flag Terminals only	8		48412			Only the 69067 head can be used for Flag terminals								
						48506	48505							
	6		48413			48508								
	4		48414	—		48509	48507			—				
	2		48415			48510								
	1/0	—[1]	48416			48552								
	2/0					48505								
	3/0		—[1]			48506	48511							
	4/0					48507								

[1]CERTI-CRIMP Hand 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 55 & 56.

Chart lists common AMP Application Tooling. For additional information call the Tooling Assistance Center 1-800-722-1111.

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Technical Support Center 1-800-522-6752.
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Application Tooling

Loose Form Terminal and Splice Tooling

CERTI-CRIMP Hand Tools



Double Action
Hand Tool



Heavy Head Hand Tool
Part No. 69355

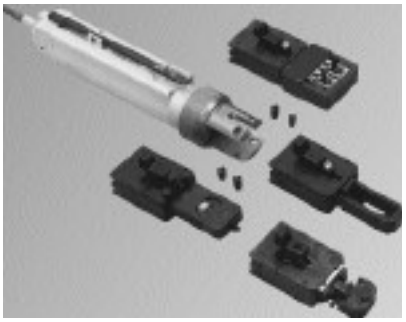


"C" Head Straight
Action Hand Tool
Part No. 69710–1

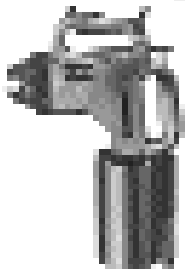


PRO-CRIMPER II
Hand Tool
Part No. 58546-1 SOLISTRAND
58508-1 Budget

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)

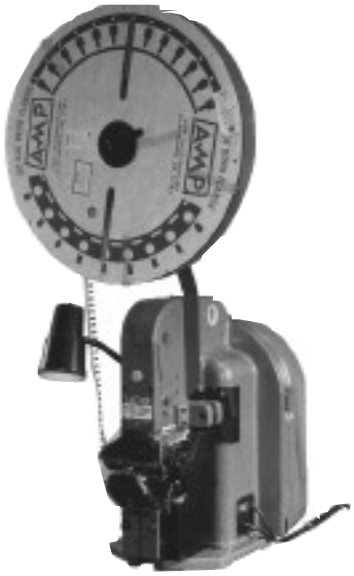
For additional tooling information, call 1-800-722-1111.

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Technical Support Center 1-800-522-6752.
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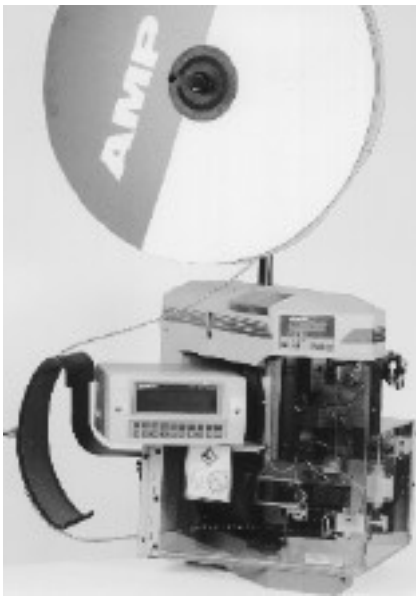
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Application Tooling (Continued)

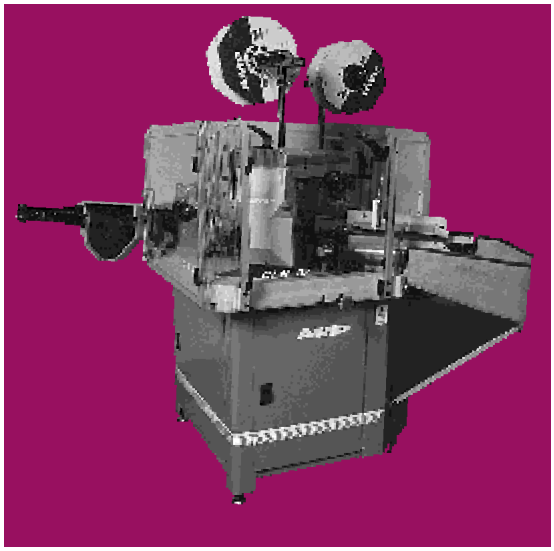
Tape Mounted



**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)**



**Entry Level Terminator
(Requires Applicators and Dies)**

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

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Technical Support Center 1-800-522-6752.
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Application Tooling (Continued)

Latch Heads and Dies



Part No.
69065



Part No.
58445-1



Part No.
69067



Part No. 69069
(Self Contained Dies)



Part No.
69099



Part No.
69082



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 Technical Support 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.

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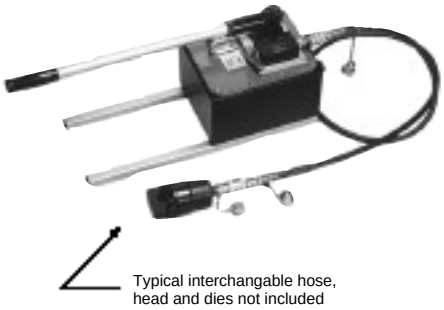
Application Tooling (Continued)

DYNA-CRIMP II Battery Operated Hydraulic Power Unit



Part No. 122271-1[4]

Hand Operated Power Unit



Typical interchangable hose, head and dies not included

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

Refer to the table below for accessories.

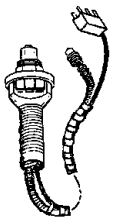
DYNA-CRIMP Electric Hydraulic Power Unit



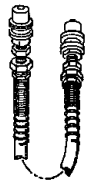
Power Unit Only
(Includes Pressure Release)

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

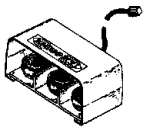
AMP application tools are designed to produce a carefully controlled uniform pressure crimp, regardless of how they are powered. All tools shown are specially designed for AMP products and are precision machined from hard tool steel.



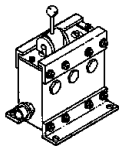
Handle Control



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 Value 3-Way Multi-Directional Value (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.

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Technical Support Center 1-800-522-6752.
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Part Number Index

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

Part No.	Page
30691	12
30692	12
30693	13
30694	13
30695	13
30696	13
30697	13
30926	39
30927	39
30928	39
30953	36
30972	15
30993	39
30995	38
30996	38
30997	38
31049	13
31087	12
31088	12
31089	12
31090	12
31091	12
31094	38
31096	38
31101	12
31112	14
31113	14
31114	14
31120	14
31122	14
31123	14
31159	38
31160	38
31161	38
31163	13
31164	14
31165	14
31169	39
31172	13
31173	13
31176	38
31251	38
31256	39
31264	12
31265	12
31266	13
31269	38
31270	38
31393	38
31396	38
31397	38
31398	38
31423	12
31425	12
31428	12
31430	12
31442	26
31498	13
31499	14
31516	38
31518	38
31587	26
31588	26
31589	26
31628	32
31634	26
31635	26
31636	26
31674	43
31679	38
31681	38
31691	24
31704	26
31705	26
31706	26
31762	43
31763	43
31770	40
31771	39
31772	39
31777	40
31805	14
31807	15
31808	15
31811	16
31812	16, 21
31813	24
31818	36
31819	36
31821	24
31825	39
31828	39
31942	40
31943	40
31944	40
31945	43
32151	36
32161	43
32185	13
32186	13
32187	39
32188	39
32189	39
32190	39
32416	30
32418	30
32419	41
32463	36
32464	36
32494	30
32495	41
32501	26
32502	42
32503	32
32579	24
32822	12
32823	12
32824	13
32858	12
32859	12
32860	12
32861	38
32862	38
32882	14
32994	14
32995	26
32996	15
33114	16
33115	16, 21
33195	22
33202	26
33219	26
33220	15
33221	26
33426	25
33437	32
33456	14
33457	14
33458	14
33459	14
33460	15
33461	15
33462	15
33463	15
33464	16
33465	16
33466	16, 21
33467	16
33468	16
33469	16
33470	16
33471	16
33479	26
33639	39
33646	22
33647	22
33648	22
33695	12
33716	22
33717	22
33718	22
33722	39
33728	22
33729	22
33765	26
33766	42
33799	42
34101	40
34103	12
34104	12
34105	12
34107	12
34108	12
34109	13
34110	12
34111	12
34112	13
34113	13
34114	13
34115	13
34117	26
34118	26
34119	13
34120	13
34121	13
34122	13
34123	13
34124	14
34125	14
34126	14
34128	26
34129	26
34130	35
34137	35
34138	35
34194	12
34226	36
34227	36
34228	36
34247	26
34248	42
34261	32
34266	24
34318	35
34319	35
34320	35
34321	36
34322	36
34323	36
34384	26
34404	14
34459	24
34484	14
34486	14
34487	14
34518	26
34520	31
34525	24
34567	22
34582	26
34583	26
34829	22
34830	22
34833	15
34834	15
34891	14
34892	14
34896	13
34964	14
34965	14
34966	14
34967	22
34968	22
34969	22
35116	26
35135	15
35183	17
35184	17
35185	17
35187	35
35189	36
35212	32
35247	15
35277	21

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Technical Support Center 1-800-522-6752.
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Part Number Index (Continued)

Part No.	Page
35278	24
35432	22
35476	14
35493	26
35494	26
35495	26
35555	31
35625	21
35664	15
35665	15
35666	15
35668	17
35669	17
35670	17
35678	21
35680	31
35771	14
35772	14
35775	22
35776	22
36189	12
36195	26
36199	22
36200	22
36201	22
36216	31
36269	33
36270	33
36271	33
36272	33
36451	14
36467	12
36499	15
36807	16
36808	16
36809	16
36810	16
36815	16
36880	26
36886	36
36906	36
36909	35
36915	17
36916	17
36917	17
36918	17
36919	18
36921	18
36922	18, 21
36923	18
36925	18
36927	18
36929	19, 21
36930	19
36932	19
36934	19
36935	19
36946	35
36948	35
36951	35
36953	31
36957	37
36958	37
36959	37
36960	37
50334	12
50981	14
50982	14
51872	13
51875	30
52197	16
52269	15
52512	30
52700	29
52701	29
52702	29
52703	29
52704	29
52705	29
52706	29
52707	29
52708	29
52709	29
52710	29
52712	29
52713	29
52714	29
52715	29
52716	29
52717	29
52730	30
52733	29
52734	29
52735	29
52772	29
53000	27
53001	27
53002	27
53003	27
53004	27
53005	27
53006	27
53007	27
53009	28
53010	28
53011	28
53012	28
53013	28
53014	28
53015	28
53016	28
53032	28
53033	29
53047	29
53106	16
53111	29
53120	27
53121	27
53123	28
53124	28
53125	28
53126	28
53127	28
53128	28
53150	27
53175	27
53177	28
53226	28
53235	27
53266	27
53267	27
53268	27
53270	28
53271	28
53273	28
53274	28
53555	26
53830	27
53831	27
53832	27
53833	28
53834	28
53835	28
53836	28
55812	31
55991	15
184147	33
184269	21
320093	13
320138	17
320238	36
320266	18
320344	16
320379	42
320383	17
320671	43
320677	12
320678	38
320741	17
320743	17
320744	18
320745	16
320748	18
320749	30
320754	17
320755	17
320758	22
320759	22
320760	15
320761	15
320762	15
320763	15
320764	15
320765	15
320814	24
320815	24
320818	24
320819	24
320820	24
320822	25
320823	25
320852	30
320853	30
320854	30
320855	30
320856	30
320857	30
320859	41
320870	24
321007	13
321024	36
321051	33
321056	33
321059	33
321060	33
321063	33
321064	33
321066	34
321121	33
321123	34
321163	19
321165	22
321198	36
321201	33
321253	33
321259	34
321262	21
321265	21
321271	19
321272	21
321275	33
321277	34
321280	36
321288	31
321289	31
321298	16
321441	33
321463	26
321499	25
321501	39
321543	40
321557	25
321558	25
321576	33
321580	34
321582	34
321584	34
321598	16
321600	17
321621	38
321625	19
321632	32
321683	13
321684	13
321691	24
321801	36
321809	31
321827	14
321828	14
321829	14
321866	17
321867	17, 21
321868	17
321869	18
321870	18
321871	18
321872	18
321873	18

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Part Number Index (Continued)

Part No.	Page
321874	18, 21
321875	18
321876	18
321877	19
321878	19
321879	19
321880	19
322204	33
322210	40
322211	31
322215	34
322222	19
322223	19
322224	18
322225	18
322227	19
322228	19
322235	13
322242	15
322246	36
322252	19
322253	19
322254	19
322257	20
322258	20
322259	20
322262	20
322263	20
322264	20
322267	20
322269	20
322270	20
322271	20
322273	20
322275	35
322276	35
322277	35
322278	35
322279	37
322280	37
322281	37
322282	37
322291	18
322296	39
322391	18

Part No.	Page
322408	24
322418	12
322428	20
322441	32
322443	32
322445	32
322447	14
322451	26
322454	14
322455	14
322459	36
322514	31
322704	16
322725	30
322727	33
322763	20
322764	20
322768	21
322771	12
322772	20
322773	20
322776	30
322819	33
322821	21
322832	22
322833	22
322870	17, 21
322905	21
322906	21
322909	21
322912	21
322927	12
322939	20
322945	25
322946	25
322996	26
323034	19
323050	19
323086	12
323087	13
323096	12
323106	24
323112	24
323119	24
323124	30

Part No.	Page
323127	26
323129	31
323135	32
323136	30
323140	19
323143	30
323144	30
323196	33
323222	20
323291	17
323823	26
323832	31
323834	26
323835	31
323837	31
323838	31
323868	18
324001	36
324023	21
324035	21
324061	15
324105	20
324124	13
324202	20
324209	32
324521	26
324523	39
324578	30
324579	30
324598	41
324599	30
324604	30
324605	30
324893	36
324898	36
324910	14
324911	14
324955	13
325069	33
325195	26
325196	26
326850	12
326854	13
326889	39
327025	36

Part No.	Page
327175	17
327732	22
327882	20
327887	34
327902	32
327905	32
327951	24
327953	25
327955	24
327959	25
327971	25
328050	25
328339	24
328341	24
328342	24
328349	24
328353	24
328355	24
328356	24
328363	24
328377	13
328395	26
328500	41
328522	30
328872	31
328970	13
328971	14
329966	13
330301	17
330367	36
330368	36
330369	36
330539	24
330827	26
330968	22
330969	23
330970	23
331269	25
331401	12
331414	22
331417	23
331420	23
331423	23
331880	23
332042	22

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