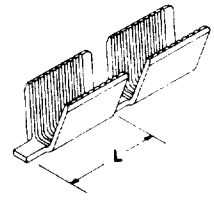
AMPLIVAR Splices

9 Serrations—Pigtail Type



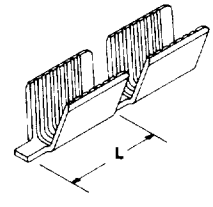
Product Facts
(Plus All 7 Serration Facts)

- Splice length is increased on larger CMA splices for improved performance
- Splice CMA ranges are overlapped so that two splices are available for any given CMA
- Serration depths are varied within the splice to give optimum electrical/mechanical performance on all wire sizes
- Serration sidewall angles are varied to allow better wire stripping and serration fill
- Flat bottom of splice helps keep magnet wires on bottom as required during crimping
- Magnet wires 28 AWG [0.32 mm] and larger may be terminated without requiring shallow serrations

Wire Range CMA	Stock Thickness	Crimp Width	Dim. L	Material	Part Number
400–1500	.016 0.41	.080 2.03	.225 5.72	Tin Plated Brass	62303-2*
600–3000	.020 0.51	.110 2.79	.225 5.72	Tin Plated Brass	62304-2
600–3000	.016 0.41	.110 2.79	.225 5.72	Tin Plated Brass	62305-2*
1500–5000	.020 0.51	.110 2.79	.225 5.72	Tin Plated Brass	62306-2
1500–5000	.016 0.41	.110 2.79	.225 5.72	Tin Plated Brass	62307-2*
3000–7000	.020 0.51	.140 3.56	.265 6.73	Tin Plated Brass	62308-2
5000–10,000	.025 0.64	.180 4.57	.265 6.73	Tin Plated Brass	62309-2
7000–13,000	.025 0.64	.180 4.57	.265 6.73	Tin Plated Brass	62310-2
10,000–22,000	.030 0.76	.220 5.59	.340 8.64	Tin Plated Brass	62311-2

*These splices are recommended for applications using wire size 28 AWG [0.32 mm] or smaller.

7 Serrations—Pigtail Tail



Product Facts

- 6° taper on both crimper and anvil improves flex life of termination
- Longer "flat" on tooling improves electrical performance (.125 vs. .080 [3.18 vs. 2.03])
- Radius on wire entry end of splice prevents nicking wires and improves mechanical performance
- Additional serrations enhance stability of crimp
- Serrations are offset to sheared end to place additional serrations in "electrical" portion of crimped splice

Wire Range CMA	Stock Thickness	Crimp Width	Dim. L	Material	Part Number
600–3000	.020 0.51	.110 2.79	.225 5.72	Brass	62000-1
600–3000	.020 0.51	.110 2.79	.225 5.72	Brass	62157-1*
600–3000	.020 0.51	.110 2.79	.225 5.72	Tin Plated Brass	62000-2
600–3000	.020 0.51	.110 2.79	.225 5.72	Tin Plated Brass	62157-2*
1500–5000	.020 0.51	.110 2.79	.225 5.72	Brass	62040-2
1500–5000	.020 0.51	.110 2.79	.225 5.72	Tin Plated Brass	62040-1
3000–7000	.020 0.51	.140 3.56	.225 5.72	Brass	62001-1
3000–7000	.020 0.51	.140 3.56	.225 5.72	Tin Plated Brass	62001-2
7000–12,000	.025 0.64	.250 6.35	.225 5.72	Tin Plated Brass	62295-1
7000–12,000	.025 0.64	.250 6.35	.225 5.72	Brass	62295-2
7000–13,000	.025 0.64	.180 4.57	.225 5.72	Tin Plated Brass	62002-2

*These splices are recommended for applications using wire size 26 AWG [0.404 mm] or smaller.

For complete product information, order Catalog 82221