

Sealed Terminal Lugs & Tooling

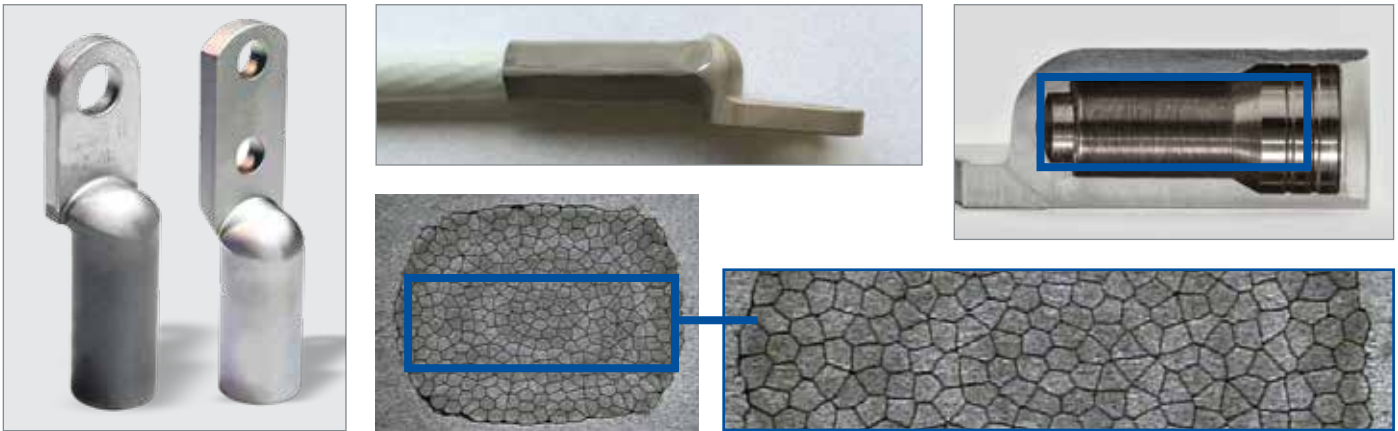
for Aluminum Cables



INNOVATIVE HEX-CRIMP DESIGN FOR INCREASED RELIABILITY

Looking for reliable solutions for critical components? Carlisle Interconnect Technologies (CarlisleIT) sealed terminal lugs are engineered not only to be reliable, but to also reduce weight and provide efficient installation, driving down costs. Our unique hex-crimp design allows for a crimp installation that produces no flash, saving costly operator time and eliminating damage to the protective plating.

Whether your need is for a highly customized terminal lug for a unique installation, or a standard terminal for rapid entry into service, CarlisleIT provides the solution.



(1) One- and two-hole terminal lugs, (2) crimped terminal lug, (3) integral oxide breaker location and (4) typical cross-section example. High compaction without breaking conductor strands, offers better corrosion resistance, lower electrical resistance, and better tensile strength. » **Learn more:** www.carlisleit.com/products/connectors/terminal-lugs-splices

FEATURES & BENEFITS

Feature	Customer Benefit
Barrels seal on cable insulation	Provides improved corrosion resistance over unsealed terminal lugs
Aluminum connector bodies	65% weight savings (on average) versus copper
Uses Industry-standard 22- and 33-ton crimp heads	Efficient installation while minimizing conversion costs
Efficient crimping process	Modified hex crimp design produces no burrs, eliminating the cost of secondary operations, minimizing plating damage and providing superior corrosion resistance
Highly engineered crimp cross-section	Provides long-term reliability against corrosion and during thermal cycling without sacrificing tensile strength and resistance
Crimping design	Minimizes skew relative to tongue resulting in easier harness design and installation
Patented integral oxide breaker	Improves conductivity while eliminating need for messy anti-oxidant grease



Crimp gauge and die

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TWO HOLE TERMINAL LUG, 1" INCH SPACING

Part No.			Wire Size (AWG)	Stud Size	Weight (grams)	Crimp Die Part No.
Tin Plating	Nickel Plating	Enhanced Nickel Plating				
695-18114-002SN	695-18114-002N	695-18114-002N+	10	3/8	5.8	999-63002-100
695-18108-002SN	695-18108-002N	695-18108-002N+	2	3/8	16	999-63006-200
695-18109-002SN	695-18109-002N	695-18109-002N+	1/0	3/8	25.4	999-63007-200
695-18110-002SN	695-18110-002N	695-18110-002N+	2/0	3/8	38.5	999-63008-200
695-18111-002SN	695-18111-002N	695-18111-002N+	3/0	3/8	43.8	999-63012-100
695-18112-002SN	695-18112-002N	695-18112-002N+	4/0	3/8	52	999-63010-100

ONE HOLE TERMINAL LUG

Part No.			Wire Size (AWG)	Stud Size	Weight (grams)	Crimp Die Part No.
Tin Plating	Nickel Plating	Enhanced Nickel Plating				
695-18114-001SN	695-18114-001N	695-18114-001N+	10	3/8	3.8	999-63002-100
695-18113-001SN	695-18113-001N	695-18113-001N+	8	3/8	3.8	999-63003-100
695-18100-001SN	695-18100-001N	695-18100-001N+	6	1/4	6.6	999-63004-200
695-18101-001SN	695-18101-001N	695-18101-001N+	4	1/4	10.4	999-63005-500
695-18102-001SN	695-18102-001N	695-18102-001N+	2	5/16	14.8	999-63006-200
695-18103-001SN	695-18103-001N	695-18103-001N+	1/0	1/4	20	999-63007-200
695-18104-001SN	695-18104-001N	695-18104-001N+	1/0	5/16	20	999-63007-200
695-18105-001SN	695-18105-001N	695-18105-001N+	1/0	5/16	21.4	999-63007-200
695-18106-001SN	695-18106-001N	695-18106-001N+	2/0	5/16	28.8	999-63008-200
695-18107-001SN	695-18107-001N	695-18107-001N+	2/0	3/8	31	999-63008-200

CRIMP DIE AND DIE INSPECTION GAUGES

Crimp Die Part No.	Crimp Indicator Style	Terminal Lug Base Part Number	Aluminum Wire Size (AWG)	Crimp Area Gauge Part No.*	Indicator Area Gauge Part No.*
999-63002-100	Dot	695-18114-001	10	999-63002-79	999-63002-89
999-63002-100	Dot	695-18114-002	10	999-63002-79	999-63002-89
999-63003-100	Dot	695-18113-001	8	999-63003-79	999-63003-89
999-63004-200	Dot	695-18100-001	6	999-63004-79	999-63004-89
999-63005-500	Dot	695-18101-001	4	999-63005-79	999-63005-89
999-63006-200	Dot	695-18102-001	2	999-63006-79	999-63006-89
999-63006-200	Dot	695-18108-002	2	999-63006-79	999-63006-89
999-63007-200	Dot	695-18103-001	1/0	999-63007-79	999-63007-89
999-63007-200	Dot	695-18104-001	1/0	999-63007-79	999-63007-89
999-63007-200	Dot	695-18105-001	1/0	999-63007-79	999-63007-89
999-63007-200	Dot	695-18109-002	1/0	999-63007-79	999-63007-89
999-63008-200	Dot	695-18106-001	2/0	999-63008-79	999-63008-89
999-63008-200	Dot	695-18107-001	2/0	999-63008-79	999-63008-89
999-63008-200	Dot	695-18110-002	2/0	999-63008-79	999-63008-89
999-63012-100	Plus	695-18111-002	3/0	999-63012-79	999-63012-89
999-63010-100	Plus	695-18112-002	4/0	999-63010-79	999-63010-89

*Gauges available from: Daniels Manufacturing Corporation, 526 Thorpe Road, Orlando, FL 32824-8133 USA. Telephone: +1-407-855-6161, Email: dmc@dmctools.com

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(+1) 904-494-0549
Sales@CarlisleIT.com