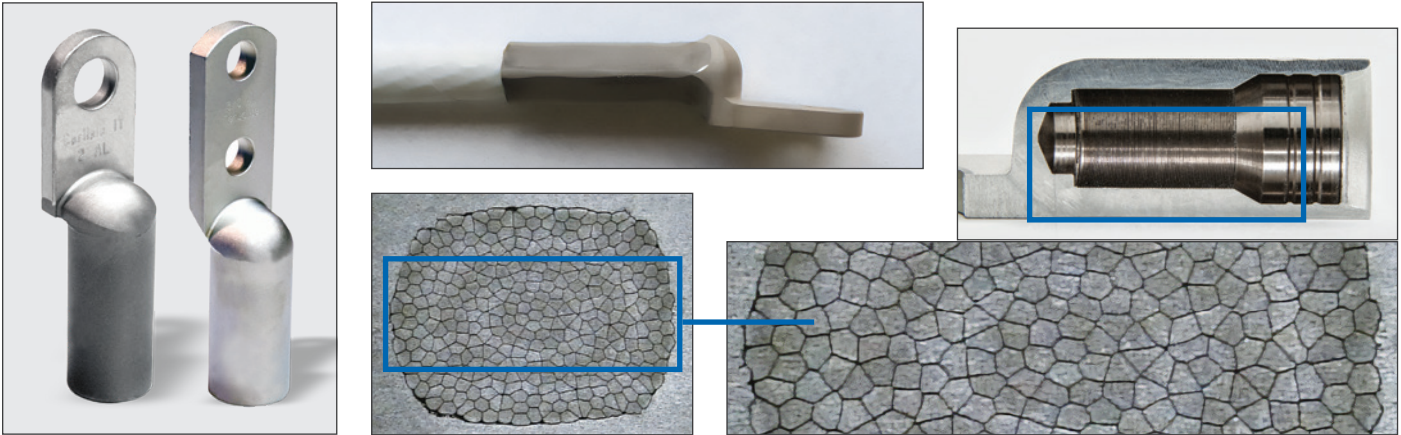


## Sealed Terminal Lugs & Tooling for Aluminum Cables

### INNOVATIVE HEX-CRIMP DESIGN FOR INCREASED RELIABILITY

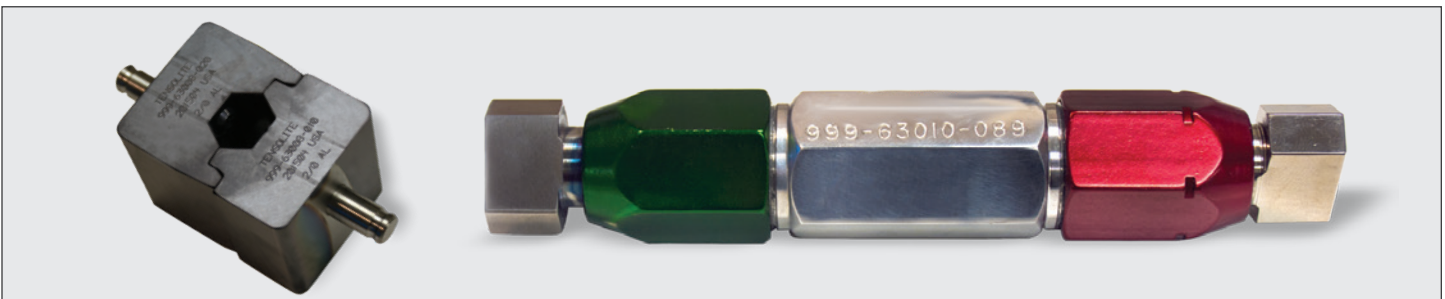
Our sealed terminal lugs are engineered not only to be reliable, but to also reduce weight and provide efficient installation, driving down costs. Our unique hex-crimp design allows for a crimp installation that produces no flash, saving costly operator time and eliminating damage to the protective plating.

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



Clockwise from left: One- and two-hole terminal lugs, crimped terminal lug, integral oxide breaker location, and typical cross-section example. High compaction without breaking conductor strands, offers better corrosion resistance, lower electrical resistance, and better tensile strength.

Features	Benefits
Barrels seal on cable insulation	<ul style="list-style-type: none"> <li>Provides improved corrosion resistance over unsealed terminal lugs</li> </ul>
Aluminum connector bodies	<ul style="list-style-type: none"> <li>65% weight savings (on average) versus copper</li> </ul>
Uses industry-standard 22- and 33-ton crimp heads	<ul style="list-style-type: none"> <li>Efficient installation while minimizing conversion costs</li> </ul>
Efficient crimping process	<ul style="list-style-type: none"> <li>Modified hex crimp design produces no burrs, eliminating the cost of secondary operations, minimizing plating damage and providing superior corrosion resistance</li> </ul>
Highly engineered crimp cross-section	<ul style="list-style-type: none"> <li>Provides long-term reliability against corrosion and during thermal cycling without sacrificing tensile strength and resistance</li> </ul>
Crimping design	<ul style="list-style-type: none"> <li>Minimizes skew relative to tongue resulting in easier harness design and installation</li> </ul>
Insulation resistance	<ul style="list-style-type: none"> <li>Improves conductivity while eliminating need for messy anti-oxidant grease</li> </ul>



Crimp gauge and die

# Sealed Terminal Lugs & Tooling for Aluminum Cables

## TWO-HOLE TERMINAL LUG, 1-IN SPACING

PART NUMBER			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 NUMBER			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 & 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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