

*This Connector is a Snap!*

**'Snap' Lugs - KTL Series**

**What is it?**

This innovative connector is a mechanically installed compression connection, which imparts compression to the wire by means of grippers and the calibrated snap-off nut.

**How it Works**

When you tighten the nut vs. the body, the nut applies compression to the grippers, then to the wire. When the nut snaps off, the proper pre-set force is applied.

*When the nut snaps OFF,  
the connector is ON.*

**Installation Convenience**

Installs with common wrenches. No bulky compression tool, no tool scheduling hassles, no tool repair problems. Just select or adjust common wrenches with a tight fit on the hex.

**Inspection**

To assure full wire insertion, view the wire through the slots. Then when the nut has snapped off, you know the proper torque was applied... pre-calibrated and guaranteed.

*We build in the torque,  
so you don't need to.*

**Reliable**

Pullout strength test results significantly exceed UL requirements, and exceed the pull-out strength of a comparable compression lug. You get the reliability of a compression connector with the simplicity of a mechanical installation.



UL listed. Patented. Patent pending.

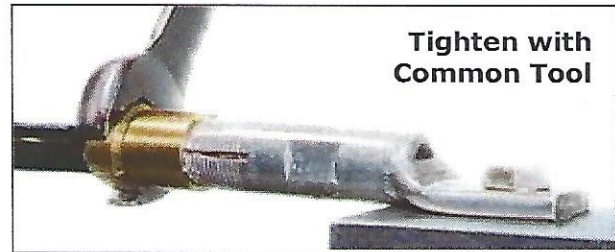
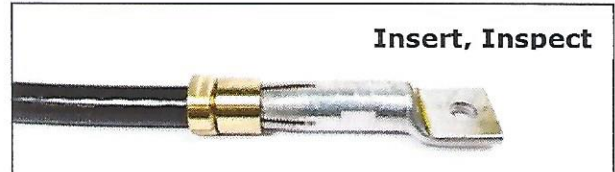
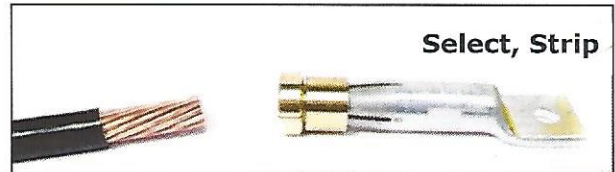
**Availability**

Initial availability is lugs for:

- KTL238 #2AWG CU 3/8" bolt
- KTL2038 #2/0AWG CU 3/8" bolt
- KTL4038 #4/0AWG CU 3/8" bolt
- KTL25048 250MCM CU 1/2" bolt

**The future**

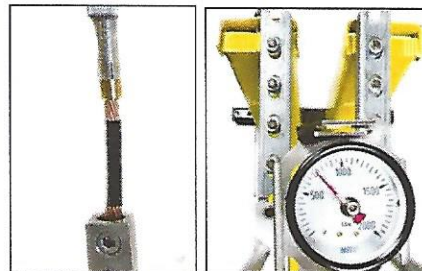
The K Series will also be available for wire sizes #2-500MCM, in lug, splice, and pin-terminal configurations.



**Engineered and tested to exceed torque and pull strength requirements.**

CU CLASS B WIRE SIZE	TORQUE REQ'T (IN-LBS)	PULL STRENGTH REQ'T (LBS)
2 AWG	140	180
2/0 AWG	235	300
4/0 AWG	345	350
250 MCM	400	500

**Pull strength tested for reliability**



7/30/2019

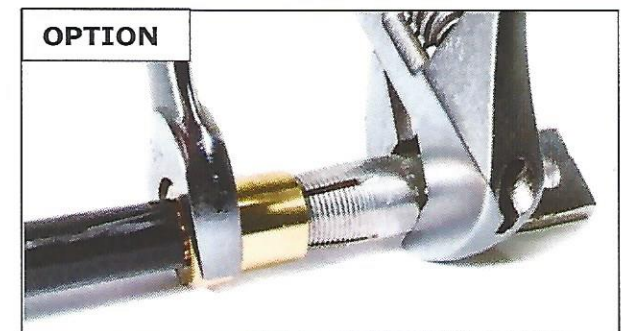
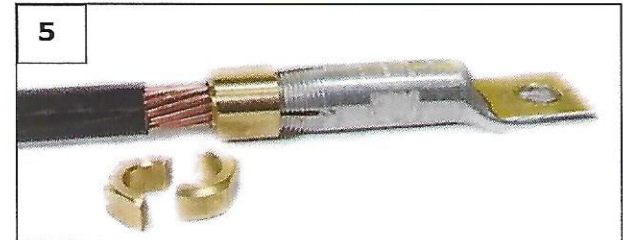
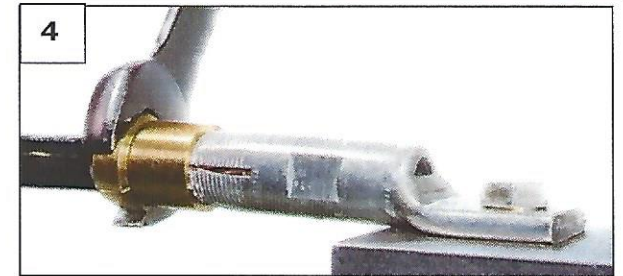
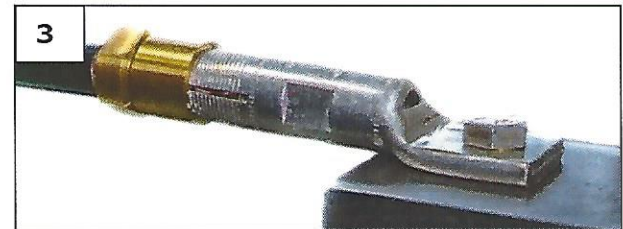
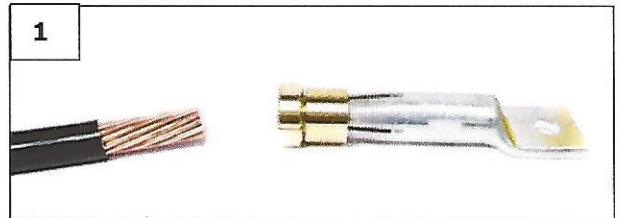


## Installation Instruction 'Snap' Lugs – KTL Series

Connector Catalog No.	Class B CU Wire	Strip Length	Mounting Bolt Size
KTL238	#2 AWG	13/16"	3/8"
KTL2038	#2/0AWG	15/16"	3/8"
KTL4038	#4/0AWG	1"	3/8"
KTL25048	250MCM	1-1/16"	1/2"

- 1- Select the connector to fit your copper Class B wire size. Strip jacket per strip length chart. Clean wire with wire brush or crocus cloth.
- 2- Insert the wire fully to bottom in the connector body. Inspect through slots.
- 3- Arrange your configuration, mount the lug, and snug the hex nut hand-tight on the wire.
- 4- Using a tight-fitting box or adjustable wrench, continue to tighten the hex nut until the hex snaps off. NOTE: Do not use rounded portions of the hex.
- 5- Remove both sections of the hex nut. Retorque the mounting lug. Insulate as required.

OPTION: Before mounting the lug, use 2 tight-fitting wrenches (box or adjustable) to tighten the hex nut until the hex portions snap off. Remove both sections of the hex nut. Install the lug with appropriate mounting hardware.



7-30-2019